INVENTUM ENGINEERING, PC

Excavation Corrective Measures Construction Completion Report

Buffalo Color Corporation Area E Site

Brownfield Cleanup Program Site #C915232

100 Lee Street (f/k/a 85 Lee Street) et. al,

Buffalo, New York 14210

July 16, 2026

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Engineering Certification

I, John P. Black certify that I am currently a NYS registered professional engineer as defined in 6 NYCRR Part 375 and that this Excavation Corrective Measures Construction Completion Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.

Respectfully Submitted,

Inventum Engineering, P.C.

Date: 7.16.2026

John P. Black, P.E.

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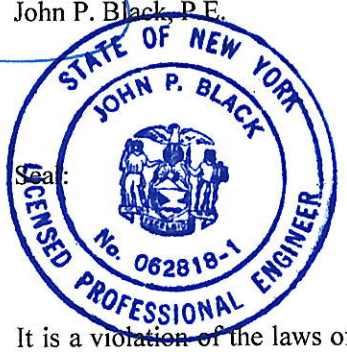

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1 Introduction

On behalf of South Buffalo Development Corporation, LLC (SBD) and PVS Chemical Solutions, Inc (PVS), Inventum Engineering, P.C. (Inventum) has prepared this Excavation Corrective Measures Construction Completion Report (CCR) for the RFI-32AR area on the Buffalo Color Corporation Area E Site (New York State Department of Environmental Conservation [NYSDEC] Site No. C915232).

1.1 Background

Monitoring well RFI-32A was abandoned with NYSDEC approval in Q2 2021. Monitoring well RFI-32AR was installed as close to the former RFI-32A location as possible in July 2022 and quarterly monitoring in accordance with the Site Management Plan (SMP) resumed in August 2022 (Table 1; Figure 1).

Historically, concentrations of contaminants of concern (COCs) in samples from RFI-32A were typically orders of magnitude above the samples from surrounding wells (Table 1). The former RFI-32A and RFI-32AR locations appeared to be in an area outside of the original 2011 remedial excavation (Figure 1). Seven hundred (700) pounds of ORC-A was added to the excavation when the former RFI-32A was abandoned. Groundwater data from samples collected from RFI-32AR since the resumption of sampling in August 2022 were significantly higher than any other detections on the property and notably even higher than the data collected prior to 2022. Specifically, chlorobenzene concentrations in samples from RFI-32AR were an order of magnitude (100,000 to 190,000 micrograms per liter [(ug/L)] higher than the concentrations in the last sample (5,400 ug/L in May 2021) collected from the RFI-32A (Figure 1) and higher than any concentration detected prior to any of the remedial activities completed in 2011.

Chlorobenzene concentrations in confirmation soil samples reported in the 2011 Final Engineering Report (FER) were below the Commercial Use Soil Cleanup Objective (SCO) of 500,000 micrograms per kilogram (ug/kg) (Figure 2; Mactec 2011). Two of the confirmation samples collected in the vicinity of RFI-32AR prior to the FER and Certificate of Completion (CoC) contained concentrations of Chlorobenzene above the Protection of Groundwater Use SCO of 1,100 ug/kg (Figure 2). The confirmation soil sample hydraulically upgradient of RFI-32AR (and the abandoned RFI-32A) contained Chlorobenzene at a concentration of 5,710 ug/kg.

Photoionization detector (PID) readings collected during installation of RFI-32 AR (Appendix A1) contained elevated readings and noted “solvent” like odors generally between 1 and 10 feet below ground surface (bgs) with higher PID readings and stronger odors between 5 and 10 feet bgs. Soil samples were not collected during installation of RFI-32AR; however, waste disposal samples collected from the cuttings were analyzed for Toxicity Characteristic Leaching Procedure (TCLP) Volatile Organic Compounds (VOCs). The TCLP-Chlorobenzene concentration in the TCLP Leachate from the cuttings was 4.5 milligrams per liter (mg/L, Appendix B1).

The routine ongoing groundwater monitoring data, confirmation sample data, and waste disposal data suggested that RFI-32AR was installed in an isolated hot spot of remaining contaminated soil. The soil samples collected during the remedial action were collected at shallower depths than the suspected hot spot. An excavation was proposed to remove, to the extent technically feasible, the remaining soils with concentrations above the Restricted-Residential Use SCO in the vicinity of RFI-32AR. A Corrective Measures Work Plan was submitted to NYSDEC on November 20, 2025 (Inventum 2025) and approved by NYSDEC in a letter dated November 20, 2025.

1.2 Project Team

Ontario Specialty Contracting, Inc. (OSC) was the general contractor in charge and responsible for implementation of the corrective measures. OSC was responsible for all intrusive site work, backfill, and restoration. Inventum was contracted by SBD and was the engineering entity in responsible charge for the excavation oversight; observation, verification, and documentation of excavation activities; groundwater monitoring well installation oversight; and sampling backfill.

Inventum retained subcontractors for the following services:

- Surveying – Monitoring Well Survey
  Wendel
  Centerpointe Corporate Park
  375 Essjay Road, Suite 200
  Williamsville, NY 14221
  716.688.0766

- Monitoring Well Drilling
  TREC Environmental, Inc.
  1018 Washington Street
  Spencerport, NY, 14559
  585.594.5545

2 Pre-Characterization Test Pit Program

Inventum and OSC completed a pre-characterization test pit program in the proposed excavation area on July 8th and 9th, 2025. Inventum submitted a notice of intrusive activities work plan for the program to NYSDEC on June 27, 2025. Test pits were advanced in order to (1) refine the boundary of the proposed excavation area and (2) collect samples as required to supplement an existing soil waste disposal profile.

All pre-characterization work was conducted in accordance with the BCP Site Excavation Work Plan (EWP), SMP, Health and Safety Plan (HASP), and Community Air Monitoring Plan (CAMP).

2.1 Test Pits

Four (4) test pits were advanced at the locations shown in Figure 2. The upper two feet of cover material from each test pit location was stockpiled adjacent to the excavation area for re-use as backfill. Soils beneath the cover system were screened with a PID and visually assessed as they were excavated and separately stockpiled from the cover soils. Soil samples collected for field screening were collected and placed in a Ziploc bag for a period of 5 minutes before screening. Test pit logs are provided for reference in Appendix C.

2.2 Sample Results

Laboratory samples were collected from each test pit (Table 2). A composite sample was collected from TP-1 for a full waste disposal profile as well as a grab sample for Target Compound List (TCL) VOCs [EPA Method 8260] and TCL Semi-Volatile Organic Compounds (SVOCs) [EPA Method 8270] from the soils exhibiting the highest PID reading. Samples were also collected from the soils exhibiting the highest PID readings at TP-2, TP-3, and TP-4 and analyzed for TCL VOCs and TCL SVOCs. All samples were analyzed by Pace Analytical of Buffalo, NY. Laboratory data reports are provided for reference in Appendix D. CAMP data collected during implementation of the test pit program is provided for reference in Appendix E1. There were no CAMP exceedances during any activity of the corrective measures.

A summary of maximum PID readings and corresponding chlorobenzene concentration is provided in the table below:

Table 2-1: Pre-Characterization Results Summary

Test Pit Location	Maximum PID Readings		Chlorobenzene Concentration (mg/kg)
	Depth (ft. bgs)	PID (ppm)	
TP-1	6	15,000	1,800
TP-2	5	108	250
TP-3	6	270.3	13
TP-4	5	48.9	0.053

2.3 Initial Excavation Extents

The proposed initial excavation areas (Area-1 and Area-2) based on the pre-characterization field screening and laboratory data are shown on Figure 3. Area-1 encompassed approximately 408 square feet (sq. ft) in the vicinity of RFI-32AR, TP-1, and TP-2. The chlorobenzene concentration (1,800 mg/kg) in the immediate vicinity of RFI-32AR was more than an order of magnitude above both the Restricted-Residential Use SCO (100 mg/kg) and of the concentration in the sample of soils to the east from TP-2 (250 mg/kg). Field screening from TP-1 indicated that the soils between 3 and 10-feet bgs were likely contributing to the elevated groundwater exceedances at RFI-32AR with the primary source in soils between 5 and 7 feet bgs (PID between 11,000 to 15,000 ppm). The excavation in the immediate vicinity of RFI-32AR was planned to target excavation and offsite disposal of soils from between 3 and 10-feet bgs. Field screening and laboratory data from TP-2 and TP-3 suggested the area of chlorobenzene impact did not extend as deep as near the former monitoring well. The excavation in this area was planned to target excavation and offsite disposal of soils between 2 and 6-feet bgs. The excavation boundary to the north was defined by soils from TP-4b which had a maximum PID reading of 48.9 ppm in soils from 5-feet bgs and a corresponding chlorobenzene concentration of 0.053 mg/kg. The Area-1 excavation boundary to the east was defined by the western limit of TP-3 which had a chlorobenzene concentration (13 mg/kg) below the Restricted-Residential Use SCO.

The proposed initial excavation also extended to the west (Area-2) and was initially bounded in that direction by the 2011 excavation limits. Additional test pits were proposed to be advanced to the west of RFI-32AR to refine the excavation limits once a batting cage structure was removed to allow access for the excavation.

3 Corrective Measures Excavation

Inventum and OSC completed the corrective measures excavation between December 15, 2025, and January 7, 2026. Inventum submitted a notice of intrusive activities for the excavation to NYSDEC on November 21, 2025. The excavation was conducted in accordance with the BCP Site EWP, SMP, HASP, and CAMP. CAMP data collected during implementation of the excavation is provided for reference in Appendix E2. There were no CAMP exceedances. Daily field logs are provided in Appendix F and include photographs of the excavation and backfill.

3.1 Access and Utilities

The private underground electric and fiberoptic lines that were in the proposed initial excavation limits were deenergized and removed to allow access and safe working conditions. PVS agreed to allow SBD access to the work area utilizing the area to the south containing the railroad spur. Several of the large fence panels were removed to allow access. Construction mats were placed over the rail spur during the excavation activities to prevent any damage to the tracks. The panels were reinstalled following completion of the work.

3.2 Excavation

The excavation was completed in five (5) stages (excavation and backfill), the spatial limits of which are shown on Figure 4. The staged excavation sequencing allowed for the elimination of the need for shoring and allowed excavated soils to be directly loaded to trucks for offsite disposal. Groundwater was not encountered to an extent that required any significant dewatering. In total, six (6) 275-gallon poly totes of excavation water were generated during the excavation and were transported to the Buffalo Color Corporation Site Area A Site (BCP Site No. C915230) and processed through the groundwater treatment system. Excavated soils were not stockpiled. All soils within the spatial and vertical limits shown on Figures 4 through 7 were loaded directly in over-the-road trucks and disposed of offsite.

Soils were routinely screened with a PID throughout the excavation and are documented in the daily field logs (Appendix F) and on the cross-sections shown on Figures 5 through 7. PID readings below 100 ppm as measured in a Ziploc bag were used as the threshold for determining the final horizontal and vertical excavation limits along with a visual and olfactory assessment of the excavated soils. Soils were excavated to total depths between 14 and 17 feet bgs across the excavation with the deepest excavation in the area that contained RFI-32AR (Area 01).

A clay pipe was encountered at a depth of approximately 6-feet bgs in the northern portion of excavation Area 4 (Figure 4). The pipe was 4-inches in diameter, brittle, and appeared to be oriented in a northeast to southwest orientation. The interior of the pipe was stained black and had very strong odors. PID readings from soils underneath the pipe were 800 ppm along the northern wall and 770 ppm along the western wall. Given the location and field screening assessment, the clay pipe was likely a source of the elevated chlorobenzene concentrations at RFI-32AR. There did not appear to be any residual non-aqueous phase liquid in the pipe. NYSDEC was notified of the pipe in a conference call and e-mail on December 23, 2025. The location of the pipe was surveyed and the pipe plugged prior to backfilling excavation Area 4. Samples were collected from beneath the pipe where they were plugged on both the northeastern and southwestern extents prior to backfilling excavation Area 4 and analyzed for TCL VOCs (EPA Method 826) and TCL SVOCs (EPA Method 8270). A summary of those results are provided in Table 3. Chlorobenzene was detected at a concentration (110 mg/kg) slightly above the Restricted-Residential Use SCO of 100 mg/kg in the sample beneath the southwestern limit of the pipe. 1,4-dichlorobenzene was

also detected at a concentration (34 mg/kg) above the Restricted-Residential Use SCO of 24 mg/kg. These soils were excavated and disposed of offsite as part of the excavation of Area 5.

Inventum/OSC continued the excavation and "chased" the pipe to the southwest towards the BCP Site southern downgradient boundary on January 5, 2026. The pipe ended approximately 4 to 5 feet into excavation Area 5. The northeastern limit of the pipe was surveyed, and the pipe was plugged at the location shown on Figures 4 through 7.

3.3 Documentation Sampling

Documentation samples of the excavation base and sidewalls were collected in accordance with DER-10 once the final excavation limits had been achieved based on the field screening. All documentation samples were analyzed for TCL VOCs (EPA Method 8260) and TCL SVOCs (EPA Method 8270). Documentation samples were biased towards locations and depths where field screening indicated the highest potential contamination. Documentation samples results are summarized in Table 4. Documentation sample laboratory data reports are provided in Appendix G1.

There were no detections in the documentation samples above the Restricted-Residential Use SCOs with the one exception noted below:

- Sample Area03-EW-12162025 collected from the east sidewall of excavation Area 3 contained chlorobenzene at a concentration (170 mg/kg) above the Restricted-Residential Use SCO of 100 mg/kg. PID readings were below 100 ppm and there was no odor or visual indication of volatile impact. The concentration of chlorobenzene was below the Commercial Use SCO of 500 mg/kg. Inventum notes that samples collected from this area during the pre-characterization test pit program (13 mg/kg; Table 2 and Figure 2) were well below the Restricted-Residential Use SCOs.

Documentation sample results were uploaded to the NYSDEC EQuIS database on April 15, 2026. Documentation sample Data Usability Summary Reports (DUSRs) are provided in Appendix G2. There were no qualifications that would affect the usability of the data collected. Low-level VOC analysis (EPA Method 8260) was conducted by the laboratory in order to achieve the lowest reporting limits. Samples were unable to be collected using the low-level specifications (EPA Method 5035) due to the nature of the excavation and were instead collected in 4-oz glass jars. As noted in the laboratory reports, reported concentration below 200 ug/kg may be biased low. Inventum notes that this threshold (200 ug/kg) is three orders of magnitude below the Restricted-Residential Use SCO of 100 mg/kg (100,000 ug/kg).

3.4 Waste Disposal

All excavated soils were direct loaded into trucks and disposed of offsite under an approved non-hazardous waste profile at Modern Landfill in Model City, NY. Non-hazardous waste manifests are provided for reference in Appendix H.

A total of 712.9 tons of soil was disposed of offsite (Table 5).

Purge water from the development and sampling of MW-BCP-01 and MW-BCP-02 (approximately 25 gallons) and six (6) 275-gallon totes of excavation water were processed through the Buffalo Color Corporation Site Area A (BCP Site No. C915230) groundwater treatment system.

Two (2) 55-gallon drums of non-hazardous waste were generated from soil cuttings from the installation of MW-BCP-01 and MW-BCP-02. These drums were moved to Area A for temporary storage. Disposal is pending and documentation provided in the next PRR.

3.5 Backfill and Cover

The excavation was backfilled with clay soils imported from the Gernatt Springville plant located in Springville, New York (Appendix I). Excavation areas were backfilled immediately to mitigate the risk of sidewall failure. The upper 2 feet of backfill (0 to 2 feet bgs) consists of imported clay and approximately 6 inches of topsoil. Topsoil was imported from the Gernatt Chaffee Plant located in Chaffee, New York (Appendix I).

A total of 631.46 tons of clay and 66.70 tons of topsoil were imported to the site for use as backfill (Table 6). Clay and topsoil import tickets are provided for reference in Appendix J.

A demarcation fabric was placed over the excavation area at a depth of 2 feet bgs. Inventum notes however, that with the exception of one Nickel detection in the composite sample of the imported clay material (Appendix I), the imported clay and topsoil meet the Unrestricted Use SCOs. The thickness of the cover in the excavated area is equal to the depth of the excavation, i.e. 14 to 17 feet bgs.

3.6 Survey

The spatial and vertical limits of the excavation area as well as the horizontal and vertical location of all documentation sample locations were field surveyed by OSC with a survey grade Global Positioning System (Topcon FC-5000).

Documentation sample locations were uploaded to the NYSDEC EQuIS database on April 15, 2026.

3.7 Deviations from Corrective Measures Work Plan

Cover soils above the existing demarcation fabric were initially planned to be stripped and stockpiled adjacent to the excavation area and then reused as cover soils following the excavation. Instead, these soils were excavated and disposed of offsite and the upper 2 feet of cover (0 to 2 feet) restored with newly imported clay and topsoil.

4 Groundwater Monitoring Well Installation

4.1 Monitoring Well Installation

Monitoring well RFI-32AR was decommissioned during the excavation by removing the entire well and surface completion with an excavator. The decommissioning log is provided for reference in Appendix A2.

Two (2) new monitoring wells were installed on February 2, 2026, within excavation limits. MW-BCP-01 was installed approximately 5 feet south (downgradient) of the former RFI-32AR location and MW-BCP-02 was installed downgradient of the southwestern end of the clay pipe (Figure 4, Figure 9).

Borings were advanced through the excavation backfill using 4.25-inch diameter hollow-stem augers to approximately 16-feet bgs to monitor shallow groundwater. The monitoring wells were constructed with 6-feet of 2-inch diameter polyvinyl chloride (PVC) casing and 10-feet of 2-inch PVC 0.010-inch slotted screen. A filter sand was installed from the bottom of the screened interval to a 1 foot above the top of the screen. A 3-foot bentonite seal was placed on top of the filter pack and allowed to hydrate and cure before completing the remaining annular space with a bentonite-cement grout. Both new monitoring wells were completed with flush-mounted traffic rated steel protective covers. Monitoring well construction logs are provided for reference in Appendix K. The new monitoring wells were developed by removing a minimum of three well volumes. Development was initiated on February 17, 2026, two weeks before sampling occurred on March 4, 2026. MW-BCP-01 was not able to initially be developed due to an ice block in the upper casing. Development was completed on March 27, 2026. MW-BCP-02 was developed two weeks prior to sampling, but went dry, so the well was purged again on March 27, 2026. Monitoring well development logs are provided for reference in Appendix L.

A survey was conducted of the new monitoring wells. The survey was conducted by a surveyor licensed in the State of New York consistent with standard technical practice. All horizontal locations were referenced to the North American datum of 1983 and the New York State Plane system. Vertical elevations were referenced to the North American Vertical datum of 1988 and reported in feet above mean sea level (ft. AMSL). A copy of the monitoring survey is provided in Appendix M.

4.2 Monitoring Well Sampling

The two new monitoring wells were sampled on March 4, 2026, along with the existing three monitoring wells in the quarterly SMP groundwater monitoring program (RFI-29, RFI-33, and MW-E05). Groundwater samples were analyzed for TCL VOCs (EPA Method 8260), TCL SVOCs (EPA Method 8270), and TAL Metals including Mercury (EPA Method 6010).

The results of the groundwater sampling for TCL VOCs and TCL SVOCs are presented in Table 1 and Figure 9. Laboratory data reports are provided for reference as Appendix N.

Chlorobenzene concentrations in the new monitoring wells are four (4) orders of magnitude below the concentrations at RFI-32AR prior to the excavation (Table 1). The concentrations are above the Class GA standard of 5 ug/L but are consistent with groundwater concentrations in the other monitoring wells on the BCP Site (RFI-29 and MW-E05) downgradient of areas where chlorobenzene remains in the soil below the cover system at concentrations below Restricted-Residential or Commercial Use SCOs.

The two new monitoring wells will be incorporated into the quarterly SMP groundwater monitoring program going forward.

5 Conclusions

The corrective measures excavation was completed to remove the hot spot identified at RFI-32AR where chlorobenzene was present in groundwater at concentrations several orders of magnitude above the Class GA standard (5 ug/L) and other monitoring wells in the sampling program.

Documentation sampling of the excavation bottom and sidewalls completed in accordance with DER-10 show the objectives of the excavation program were achieved. Chlorobenzene concentrations in remaining soils along the excavation bottom and sidewalls were all below the Restricted-Residential Use SCO with the exception of one sample from the eastern wall of the excavation (Table 4, Figure 6). Chlorobenzene was detected in the sample from the eastern sidewall at a concentration of 170 mg/kg just above the Restricted-Residential Use SCO of 100 mg/kg. The chlorobenzene concentration in the sample from the test pit (TP-3) completed in this area as part of the pre-characterization test pit program was 13 mg/kg and well below the Restricted-Residential Use SCO (Figure 2). Both samples were collected from soils exhibiting the highest PID readings and/or containing olfactory evidence of volatile contamination and together show the Restricted-Residential SCO objective has been achieved with an average concentration of 91.5 mg/kg.

The two data points along the eastern boundary of the excavation are also reflective of the expected variability given the closeness of the 2011 remedial excavation area where soils below the cover system were allowed to remain in place at concentrations above the Restricted-Residential SCO (Mactec 2011). Documentation sample results from the 2011 remedial excavation show that chlorobenzene is still present within 5 to 10 feet at a concentration double (340 mg/kg at DDE-E06; Figure 2) the documentation sample results (170 mg/kg at Area-03EW; Figure 6) from the corrective measures excavation program.

The clay pipe that was encountered and removed during the excavation was identified as the likely source of the hot spot identified at RFI-32AR based on the (1) location of the pipe relative to the former monitoring well, (2) field screening of soils beneath and around the pipe, and (3) samples collected from soils beneath the pipe (Table 3). The end of the pipe was located to the southwest and confirmed that it does not extend further toward the downgradient BCP Site boundary.

The end of the pipe was located to the northeast, surveyed, and plugged/capped at the excavation boundary (Figure 6). Documentation sample results from areas downgradient of the pipe show that the excavation has removed all soils that may have been impacted. Initial groundwater sample results (Table 1; Figure 9) from the new monitoring wells downgradient of the pipe also show an over 99 percent decrease in chlorobenzene when comparing the last sample from RFI-32AR in December 2025 (110,000 ug/L) and the initial sample from MW-BCP-01 (17 ug/L). These monitoring wells have been added to the routine SMP quarterly monitoring program. Inventum believes the documentation sample results and initial groundwater data show it is not necessary to chase the clay pipe further to the northeast into the 2011 remedial excavation area.

6 References

Mactec Engineering and Consulting, P.C. November 2011. Final Engineering Report. Buffalo Color Site – Area E

Inventum Engineering, P.C. November 2025. RFI-32 Area Excavation Corrective Measures Work Plan. Buffalo Color Corporation Area E Site. Site No. C915232

Tables

Table 1
Groundwater Data Summary
Buffalo Color Corporation Area E Site
Buffalo, New York

		1,2-Dichlorobenzene	1,3-Dicholorbenzene	1,4-Dicholorbenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	--	--
RFI-29	11/17/2009	3	1.1	5.2	<1	14	23.3	0.42
	10/10 - 1/11	ORC-A Application						
	3/30/2012	1.8	<1	2.9	<1	7.7	12.4	0
	6/28/2012	3	1.1	5.8	<1	17	26.9	0.6
	9/12/2012	3	0.98 J	5.2	<1	16	25.18	0
	11/28/2012	1.6	<1	2.4	<1	7.5	11.5	0.91
	3/24/2013	1.8	<1	3.2	<1	7.2	12.2	0
	6/4/2013	2.1	<1	3.5	<1	11	16.6	0
	9/9/2013	2.2	<1	3.6	<1	12	17.8	0.6
	11/25/2013	1.9	<1	3.4	<1	13	18.3	0
	3/25/2014	1.8	<1	3.8	<1	9.3	14.9	0
	6/24/2014	2.3	<1	4.4	<1	14	20.7	0
	9/9/2014	3	1	5.4	<1	15	24.4	0
	11/11/2014	1.9	<1	2.8	<1	9.8	14.5	2.86
	4/1/2015	1.4	<1	2.5	<1	5.9	9.8	0
	6/22/2015	2	<1	3.6	<1	11	16.6	0
	9/9/2015	2.6	0.79 J	5	<1	<14	8.39	0
	11/3/2015	2	<1	3.3	<1	12	17.3	0
	3/16/2016	1.8	<1	2.8	<1	7.3	11.9	0
	5/31/2016	1.7	<1	3.2	<1	9	13.9	0
	9/12/2016	3.1	1.1	5.3	<1	18	27.5	0.58
	11/7/2016	2.1	<1	3.5	<1	15	20.6	0
	3/28/2017	1.8	<1	2.9	<1	4.8	9.5	0
	6/7/2017	2.4	<1	4.6	<1	13	20	0
	8/16/2017	2.6	0.97 J	5.1	<1	17	25.67	0.42
	11/15/2017	1.7	0.41 J	2.9	<1	11	16.01	0
	3/13/2018	1.7	<1	3.4	<1	4.9	10	0
	6/6/2018	2.3	0.84 J	4.3	<1	11	18.44	1.8
	8/28/2018	3.6	1.1	6.5	<1	18	32.5	1.03
	11/19/2018	3.0	1.1	5.8	<1	16	25.9	0
	3/13/2019	1.8	<1	3.3	<1	7.9	13	0.41
	5/29/2019	2.1	<1	3.3	<1	8.0	13.4	0
	9/9/2019	3.2	0.84	4.7	<1	14	22.74	0.79
	11/19/2019	2.7	0.84 J	4.7	<1	14	22.24	0
	3/16/2020	1.5	<1	2.4	<1	4.8	8.7	0
	5/27/2020	1.6	<1	3	<1	7.3	11.9	0.49 BJ
	8/11/2020	2.4	<1	3.8	<1	11	17.2	1.35 J
	11/4/2020	2.3	<1	3.9	<1	11	17.2	0.75J
	3/9/2021	1.7	<1	3.2	<1	5.9	10.8	0.4J
	5/24/2021	1.8	<1	2.9	<1	7	11.7	0.53 J
	8/9/2021	2	<1	3.2	<1	7.7	14.6	2.7J
	8/9/2021 DUP	2.1	<1	3.4	<1	8.3	14.6	2.7J
	11/9/2021	2.7	0.81 J	4.8	<0.41	14	22.31	0
	3/16/2022	3.8	<1.6	4	0.99 J	8.6	21.39	4.3 J
	5/18/2022	4.5	0.83 J	4.5	2.1	12	23.93	11.1 J
	8/17/2022	2.7	<0.78	3.2	0.9 J	24	30.8	10.5 J
	12/6/2022	5.2	1	5.3	0.84 J	35	47.34	5.4
	2/2/2023	4.3	0.84 J	4.5	0.46 J	28	38.5	3.9
	6/29/2023	3.5	<0.78	3.9	<0.41	22	29.4	3.37
	ORC-A Application - NO Sample Q3 2023							
	12/14/2023	2.7	<0.78	3	<0.41	14	19.7	2.03 J
	3/14/2024	3.7	<0.78	3.4	<0.41	31	38.1	0.63 J
	5/30/2024	4.9	<0.78	3.8	<0.41	29	38.14	0
	9/9/2024	2.4	<0.78	2.9	<0.41	16	21.3	1.34 BJ
	12/16/2024	3.7	<0.78	3.1	<0.41	15	21.8	0.75 J
	3/19/2025	3.3	<0.78	2.5	<0.41	13	18.8	1.32 J
	5/27/2025	7.1	<0.78	4	<0.41	20	31.1	0.99 J
	9/24/2025	11	1	5.3	1.1	30	48.4	0.85 J
	9/24/2025 (DUP)	10	0.99 J	5.4	0.60 J	30	46.99 J	0
	12/11/2025	8.1	0.94 J	5.1	<0.41	21	35.14 J	0
	12/11/2025 (DUP)	7.8	0.93 J	4.9	<0.41	20	33.63 J	0
	3/4/2026	5.5	<0.78	4.3	<0.41	16	25.8	0

Table 1
Groundwater Data Summary
Buffalo Color Corporation Area E Site
Buffalo, New York

		1,2-Dichlorobenzene	1,3-Dicholorbenzene	1,4-Dicholorbenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	--	--
RFI-32A	11/20/2009	<100	<100	49 J	420	28000	28469	37.95
	10/10 - 1/11	ORC-A Application						
	3/30/2012	20	3.7	48	700	30000	30776.12	0
	6/28/2012	<500	<500	<500	430 J	28000	28430	15.2
	9/12/2012	<500	<500	<500	370 J	27000	27370	5.15
	11/29/2012	<200	<200	<200	260	FoI	16260	15
	3/23/2013	<200	<200	<200	480	29000	29480	10.82
	6/4/2013	<500	<500	<500	480	27000	27480	14
	9/6/2013	<500	<500	<500	450	32000	32450	13.3
	11/26/2013	<250	<250	<250	280	18000	18280	12.5
	3/25/2014	<250	<250	<250	500	30000	30500	20.92
	6/18/2014	ORC Application						
	6/23/2014	<500	<500	<500	330 J	24000	24740	15.11
	9/9/2014	<40	<40	<40	<40	2400	2400	23
	11/10/2014	<20	<20	<20	<20	1200	1200	39.3
	4/1/2015	<20	<20	<20	0.44 J	910 J	917.94	5.89
	6/22/2015	<20	<20	<20	<20	2800	2800	18
	9/9/2015	<50	<50	<50	<50	2500	2500	27
	11/3/2015	<50	<50	<50	<50	2300	2300	22.38
	3/15/2016	<20	<20	<20	0.92 J	470	475.62	38.8
	5/31/2016	<20	<20	<20	<20	1700 J	1700	10.41
	9/12/2016	<20	<20	<20	<20	3500	3500	21
	11/7/2016	<40	<40	<40	<40	3700	3700	6.7
	3/28/2017	<4	<4	<4	<4	110	110	0
	6/7/2017	<40	<40	<40	<40	2600 J	2618	4.58
	8/16/2017	<100	<100	<100	<100	3700	3700	9.5
	11/15/2017	<5	<5	<5	<5	730	730	1.3
	3/12/2018	<5	<5	<5	<5	620 F1	620	1.6
	6/6/2018	<40	<40	<40	<40	2600	2600	6.7
	8/28/2018	<40	<40	<40	<40	1400	1400	0
	11/19/2018	<10	<10	<10	<10	600	604.5	0.31
	3/13/2019	<10	<10	<10	<10	270	270	1.32
	5/29/2019	<10	<10	<10	9.5	2900	2909.5	6.5
	9/10/2019	<50	<50	<50	<50	4300	4300	16
	11/19/2019	< 25	< 25	< 25	< 25	960	960	5.03
	3/16/2020	<50	<50	<50	<50	5400 F1	5400	1.5
	5/27/2020	<50	<50	<50	<50	4200	4200	10.16
	8/11/2020	<50	<50	<50	<50	3300	3300	24.24
	11/4/2020	<10	<10	<10	<10	590	590	1.4J
	3/9/2021	<10	<10	<10	6.5J	1,700	1715.1J	18.5J
	5/24/2021	<1	<1	1.8	14	5400	5421.8J	3.2 J
	5/24/2021 DUP	<1	<1	1.7	15	5200T	5421.8J	3.2 J
	11/9/2021	Well Temporarily Abandoned For Site Re-Development						
	3/16/2022	Well Temporarily Abandoned For Site Re-Development						
	5/18/2022	Well Temporarily Abandoned For Site Re-Development						
	8/17/2022	730	120	1700 F1	110	170000	173123	504.4 J
	8/17/2022 DUP	<2000	<2000	<2100	<1000	190000	190000	657.15 J
	12/6/2022	<3200	<3100	<3400	<1600	130000	130000	190
	2/2/2023	<3200	<3100	<3400	<1600	150000	150000	210
	6/29/2023	180	31	<3400	43	150000 F1	150418.3	78 J
	9/15/2023	<3200	<3100	<3400	<1600	120000 F1	120000	86 J
	9/15/23 (DUP)	<3200	<3100	<3400	<1600	120000	120000	99 J
	12/14/2023	<3200	<3100	<3400	<1600	120000	120000	140
	3/14/2024	<3200	<3100	<3400	<1600	170000	170000	130
	3/14/2024 (DUP)	<3200	<3100	<3400	<1600	150000	150000	154.7
	5/30/2024	<3200	<3100	<3400	<1600	140000	140000	83
	9/9/2024	<3200	<3100	<3400	<1600	110000	110000	66
	12/16/2024	<3200	<3100	<3400	<1600	110000	110000	94 J
	3/19/2025	<3200	<3100	<3400	<1600	130000	130000	47 J
	5/27/2025	<3200	<3100	<3400	<1600	190000 T	182400 T	86.39 J
	5/27/2025 (DUP)	<3200	<3100	<3400	<1600	180000 T	195500 T	86.09
	9/24/2025	<3200	<3100	<3400	<1600	140000	140000 J	65 J
	12/11/2025	<3200	<3100	<3400	<1600	110000	110000	51
	3/4/2026	Well Abandoned For Corrective Measures Excavation						
MW-BCP-01	3/4/2026	1.8 J	<1.6	<1.7	<0.82	17	62.8 J	1 J
MW-BCP-02	3/4/2026	<1.6	<1.6	<1.7	<0.82	20	20	1.67 J
	3/4/2026 (DUP)	<1.6	<1.6	<1.7	<0.82	32	32	1.64 J

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		1,2-Dichlorobenzene	1,3-Dicholorbenzene	1,4-Dicholorbenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	--	--
RFI-33	11/18/2009	<1	<1	<1	<1	<1	0	0.53
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	<1	9.4	9.4	0
	6/28/2012	<1	<1	<1	<1	<1	0	0
	9/12/2012	<1	<1	<1	<1	<1	0	0
	11/30/2012	<1	<1	<1	<1	<1	0	0.35
	3/26/2013	<1	<1	<1	<1	<1	0	0
	6/5/2013	<1	<1	<1	<1	<1	0	2.1
	9/9/2013	<1	<1	<1	<1	<1	0	0
	11/26/2013	<1	<1	<1	<1	<1	0	0
	3/24/2014	<1	<1	<1	<1	<1	0	8.5
	6/24/2014	<1	<1	<1	<1	<1	0	0.23
	9/8/2014	<1	<1	<1	<1	<1	0	0
	11/11/2014	<1	<1	<1	<1	<1	0	3.7
	4/1/2015	<1	<1	<1	<1	<1	0	0.92
	6/22/2015	<1	<1	<1	<1	<1	0	1.7
	9/9/2015	<1	<1	<1	<1	<1	0	0
	11/3/2015	<1	<1	<1	<1	<1	0	0
	3/16/2016	<1	<1	<1	<1	<1	0	0
	5/31/2016	<1	<1	<1	<1	<1	0	0.37
	9/12/2016	<1	<1	<1	<1	<1	0	0
	11/8/2016	<1	<1	<1	<1	<1	0	0
	3/28/2017	<1	<1	<1	<1	<1	0	0
	6/8/2017	<1	<1	<1	<1	<1	0	0.69
	8/15/2017	<1	<1	<1	<1	<1	0	0
	11/15/2017	<1	<1	<1	<1	<1	0	0
	3/13/2018	<1	<1	<1	<1	<1	0	0
	6/6/2018	<1	<1	<1	<1	<1	0	0
	8/28/2018	<1	<1	<1	<1	<1	3.1	0.31
	11/19/2018	<1	<1	<1	<1	<1	0	0
	3/14/2019	<1	<1	<1	<1	<1	0	0.42
	5/29/2019	<1	<1	<1	<1	<1	0	0
	9/10/2019	<1	<1	<1	<1	<1	0	0
	11/19/2019	<1	<1	<1	<1	<1	0	0
	3/16/2020	<1	<1	<1	<1	<1	0	0
	5/27/2020	<1	<1	<1	<1	<1	0	1.2
	8/12/2020	<1	<1	<1	<1	<1	0	1.46 J
	11/4/2020	<1	<1	<1	<1	<1	0	0
	11/4/2020 DUP	<1	<1	<1	<1	<1	0	0
	3/9/2021	<1	<1	<1	<1	<1	0	0.34J
	5/25/2021	<1	<1	<1	<1	<1	0	0
	8/9/2021	<1	<1	<1	<1	<1	0	0.53J
	11/9/2021	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	11/9/2021 DUP	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	3/16/2022	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	3/16/2022 DUP	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	5/18/2022	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	8/17/2022	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	12/6/2022	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	12/6/2022 (DUP)	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	2/2/2023	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	6/29/2023	<0.79	<0.78	<0.84	<0.41	<0.75	0	0.38 J
	6/29/2023 (DUP)	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	9/15/2023	<0.79	<0.78	<0.84	<0.41	0.89 J	0.89 J	0
	12/14/2023	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	12/14/2023 (DUP)	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	3/14/2024	<0.79	<0.78	<0.84	<0.41	<0.75	0.29 J	0
	5/30/2024	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	5/30/2024 (DUP)	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	9/9/2024	<1.6	<1.6	<1.7	<0.82	<1.5	0	0.74 BJ
	12/16/2024	<0.79	<0.78	<0.84	<0.41	1.4	1.4	0
	3/19/2025	<0.79	<0.78	<0.84	<0.41	1.6	1.6	0
	5/27/2025	<0.79	<0.78	<0.84	<0.41	<0.75	0	0.32 J
	9/24/2025	<0.79	<0.78	<0.84	0.63 J	1.5	2.13 J	0.44 J
	12/11/2025	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	3/4/2026	<0.79	<0.78	<0.84	<0.41	<0.75	0	0

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Buffalo Color Corporation Area E Site
Buffalo, New York

		1,2-Dichlorobenzene	1,3-Dicholorbenzene	1,4-Dicholorbenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	--	--
MW-E05	Not Sampled							
	10/10 - 1/11	ORC-A Application						
	3/30/2012	<1	<1	<1	0.56 J	110	110.56	0
	6/28/2012	<1	<1	<1	<1	51	51	0
	9/11/2012	<1	<1	<1	<1	9.8	9.8	0
	11/28/2012	<1	<1	<1	<1	3.9	3.9	0
	3/25/2013	<1	<1	<1	<1	9.3	9.3	0
	6/3/2013	<1	<1	<1	<1	6.3	6.3	0
	9/9/2013	<1	<1	<1	<1	18	18	0
	11/26/2013	<1	<1	<1	<1	2.7	2.7	0
	3/25/2014	<1	<1	<1	<1	3.1	3.1	0
	6/24/2014	<1	<1	<1	<1	17	17	0.22
	9/9/2014	<1	<1	<1	<1	1.4	1.4	0
	11/11/2014	<1	<1	<1	<1	3.2	3.2	4.5
	4/1/2015	<1	<1	<1	<1	<1	0	0.74
	6/23/2015	<1	<1	<1	<1	0.88 J	0.88	0
	9/9/2015	<1	<1	<1	1.2	860	861.2	0
	11/4/2015	<1	<1	<1	<1	<1	0	0.26
	3/16/2016	<1	<1	<1	<1	1.1	1.1	0.74
	5/31/2016	<1	<1	<1	<1	43	43	0.69
	9/13/2016	<1	<1	<1	<1	<1	3.1	0
	11/8/2016	<1	<1	<1	<1	<1	0	0
	3/28/2017	<1	<1	<1	<1	1.8	1.8	0
	6/8/2017	<1	<1	<1	<1	70	70	1
	8/15/2017	<1	<1	<1	<1	97	97	0
	11/13/2017	<1	<1	<1	<1	6.3	6.3	0.52
	3/13/2018	<1	<1	<1	<1	2.4	2.4	0
	6/7/2018	<1	<1	<1	<1	13	13	0
	8/28/2018	<1	<1	<1	<1	<1	3.6	0.36
	11/19/2018	<1	<1	<1	<1	4.3	4.3	0
	3/14/2019	<1	<1	<1	<1	2.1	2.1	0.39
	5/29/2019	<1	<1	<1	<1	17	17	0
	9/10/2019	<1	<1	<1	<1	1.0	1.0	0
	11/19/2019	<1	<1	<1	<1	4.4	4.4	0
	3/16/2020	<1	<1	<1	<1	0.9 J	0.9	0
	5/27/2020	<1	<1	<1	<1	12 J	12	0.46 BJ
	8/11/2020	<1	<1	<1	<1	<1	0	0.51 BJ
	11/5/2020	<1	<1	<1	<1	0.99J	0.99	0
	3/9/2021	<1	<1	<1	<1	<1	0	0.37J
	5/24/2021	<1	<1	<1	<1	5.7	5.7	0.6 BJ
	8/9/2021	<1	<1	<1	<1	14	14	1.1J
	11/9/2021	<0.79	<0.78	<0.84	<0.41	5.1	5.1	0.4 BJ
	3/16/2022	<0.79	<0.78	<0.84	<0.41	1.5	1.5	0
	5/18/2022	<0.79	<0.78	<0.84	<0.41	11	11	0
	5/18/2022 DUP	<0.79	<0.78	<0.84	<0.41	14	14	0
	8/17/2022	<0.79	<0.78	1.1	9.2	1600	1610.3	0
	12/6/2022	<0.79	<0.78	<0.84	<0.41	3	3	0
	2/2/2023	<0.79	<0.78	<0.84	<0.41	4	4	0
	2/2/2023 (DUP)	<0.79	<0.78	<0.84	<0.41	4.4	4.4	0
	6/29/2023	<0.79	<0.78	<0.84	1.2	170	171.2	0
	ORC-A Application - NO Sample Q3 2023							
	12/14/2023	<0.79	<0.78	<0.84	<0.41	1	1	0
	3/14/2024	<0.79	<0.78	<0.84	<0.41	3.8	3.8	0
	5/30/2024	<0.79	<0.78	<0.84	<0.41	1.3	1.3	0
	9/9/2024	<0.79	<0.78	<0.84	<0.41	<0.75	0.0	0.62 BJ
	12/16/2024	<0.79	<0.78	<0.84	<0.41	<0.75	0.0	0
	3/29/2025	<0.79	<0.78	<0.84	<0.41	<0.75	0.0	0
	5/27/2025	<0.79	<0.78	<0.84	<0.41	3.7	3.7	0
	9/24/2025	<0.79	<0.78	<0.84	1.1 J	81	82.1 J	0
	12/11/2025	<0.79	<0.78	<0.84	<0.41	1.5	1.5	0
	3/4/2026	<0.79	<0.78	<0.84	<0.41	<0.75	0.0	0

** - Results compared to NYDEC Class GA water quality standards

J - Result is estimated; B - analyte detected in method blank and sample; F1 - MS and/or MSD recovery exceeded control limits.

VOC and SVOC results are shown in ug/L

Results from a field duplicate are shown in row beneath primary sample result.

Blue cells indicate groundwater monitoring events completed prior to the applicaion of ORC-A.

Table 2

Pre-Characterization Sample Results
RFI-32 Area CMWP
Buffalo Color Corporation Area E Site (C915232)

LOCATION:			TEST PIT #1 (6-feet bgs)		TEST PIT #2 (5-feet bgs)		TEST PIT #3 (6-feet bgs)		TEST PIT #4 (5-feet bgs)	
SAMPLE ID:			TP-01-72-07082025		TP-02-60-07082025		TP-03-6T09-07092025		TP-04-CL-07092025	
SAMPLING DATE:			7/8/2025		7/8/2025		7/9/2025		7/9/2025	
LAB SAMPLE ID:			L2542776-02		L2542776-03		L2542776-04		L2542776-05	
Analytes	Part 375 SCOSs (a) Restricted-Residential	Units	Results		Results		Results		Results	
Semivolatile Organics by GC/MS										
Acenaphthene	100	mg/kg	**0.074**	J	0.18	U	0.16	U	**0.069**	J
Hexachlorobenzene	1.2	mg/kg	**1.5**		0.13	U	0.12	U	0.12	U
Bis(2-chloroethyl)ether	-	mg/kg	0.19	U	0.2	U	0.18	U	0.17	U
2-Chloronaphthalene	-	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U
3,3'-Dichlorobenzidine	-	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U
2,4-Dinitrotoluene	-	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U
2,6-Dinitrotoluene	-	mg/kg	0.22	U	0.22	U	0.2	U	**0.073**	J
Fluoranthene	100	mg/kg	**0.33**		0.13	U	**0.033**	J	**0.99**	
4-Chlorophenyl phenyl ether	-	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U
4-Bromophenyl phenyl ether	-	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U
Bis(2-chloroisopropyl)ether	-	mg/kg	0.26	U	0.26	U	0.24	U	0.23	U
Bis(2-chloroethoxy)methane	-	mg/kg	0.23	U	0.24	U	0.21	U	0.21	U
Hexachlorobutadiene	-	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U
Hexachlorocyclopentadiene	-	mg/kg	0.62	U	0.63	U	0.57	U	0.55	U
Hexachloroethane	-	mg/kg	0.17	U	0.18	U	0.16	U	0.15	U
Isophorone	-	mg/kg	0.19	U	0.2	U	0.18	U	0.17	U
Naphthalene	100	mg/kg	**0.54**		**0.088**	J	**0.069**	J	0.19	U
Nitrobenzene	-	mg/kg	**0.52**		0.2	U	0.18	U	0.17	U
NDPA/DPA	-	mg/kg	0.17	U	0.18	U	0.16	U	0.15	U
n-Nitrosodi-n-propylamine	-	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U
Bis(2-ethylhexyl)phthalate	-	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U
Butyl benzyl phthalate	-	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U
Di-n-butylphthalate	-	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U
Di-n-octylphthalate	-	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U
Diethyl phthalate	-	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U
Dimethyl phthalate	-	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U
Benzo(a)anthracene	1	mg/kg	**0.11**	J	0.13	U	0.12	U	**0.43**	
Benzo(a)pyrene	1	mg/kg	**0.082**	J	0.18	U	0.16	U	**0.37**	
Benzo(b)fluoranthene	1	mg/kg	**0.13**		0.13	U	0.12	U	**0.46**	
Benzo(k)fluoranthene	3.9	mg/kg	**0.04**	J	0.13	U	0.12	U	**0.18**	
Chrysene	3.9	mg/kg	**0.13**		0.13	U	0.12	U	**0.39**	
Acenaphthylene	100	mg/kg	0.17	U	0.18	U	0.16	U	**0.081**	J
Anthracene	100	mg/kg	**0.059**	J	0.13	U	0.12	U	**0.22**	
Benzo(ghi)perylene	100	mg/kg	**0.051**	J	0.18	U	0.16	U	**0.19**	
Fluorene	100	mg/kg	**0.068**	J	0.22	U	0.2	U	**0.13**	J
Phenanthrene	100	mg/kg	**0.33**		0.13	U	0.12	U	**0.69**	
Dibenzo(a,h)anthracene	0.33	mg/kg	0.13	U	0.13	U	0.12	U	**0.05**	J
Indeno(1,2,3-cd)pyrene	0.5	mg/kg	**0.05**	J	0.18	U	0.16	U	**0.21**	
Pyrene	100	mg/kg	**0.25**		0.13	U	**0.023**	J	**0.82**	
Biphenyl	-	mg/kg	0.49	U	0.5	U	0.45	U	0.44	U
4-Chloroaniline	-	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U
2-Nitroaniline	-	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U
3-Nitroaniline	-	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U
4-Nitroaniline	-	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U
Dibenzofuran	59	mg/kg	**0.066**	J	0.22	U	0.2	U	**0.078**	J
2-Methylnaphthalene	-	mg/kg	**0.074**	J	0.26	U	0.24	U	**0.097**	J
1,2,4,5-Tetrachlorobenzene	-	mg/kg	**0.78**		0.22	U	0.2	U	0.19	U
Acetophenone	-	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U
2,4,6-Trichlorophenol	-	mg/kg	0.13	U	0.13	U	0.12	U	0.12	U
p-Chloro-m-cresol	-	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U
2-Chlorophenol	-	mg/kg	**0.61**		**0.16**	J	**0.14**	J	0.19	U
2,4-Dichlorophenol	-	mg/kg	**0.13**	J	0.2	U	0.18	U	0.17	U
2,4-Dimethylphenol	-	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U
2-Nitrophenol	-	mg/kg	0.47	U	0.48	U	0.43	U	0.41	U
4-Nitrophenol	-	mg/kg	0.3	U	0.31	U	0.28	U	0.27	U
2,4-Dinitrophenol	-	mg/kg	1	U	1.1	U	0.95	U	0.92	U
4,6-Dinitro-o-cresol	-	mg/kg	0.56	U	0.58	U	0.52	U	0.5	U
Pentachlorophenol	6.7	mg/kg	0.17	U	0.18	U	0.16	U	0.15	U
Phenol	100	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U
2-Methylphenol	100	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U
3-Methylphenol/4-Methylphenol	100	mg/kg	0.31	U	0.32	U	0.29	U	0.28	U
2,4,5-Trichlorophenol	-	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U
Carbazole	-	mg/kg	**0.048**	J	0.22	U	0.2	U	**0.11**	J
Atrazine	-	mg/kg	0.17	U	0.18	U	0.16	U	0.15	U
Benzaldehyde	-	mg/kg	0.28	U	0.29	U	0.26	U	0.25	U
Caprolactam	-	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U
2,3,4,6-Tetrachlorophenol	-	mg/kg	0.22	U	0.22	U	0.2	U	0.19	U
Total SVOCs (Calculated)	-	mg/kg	**5.97**		**0.25**		**0.27**		**5.64**	

Table 2

Pre-Characterization Sample Results
RFI-32 Area CMWP
Buffalo Color Corporation Area E Site (C915232)

LOCATION:			TEST PIT #1 (6-feet bgs)		TEST PIT #2 (5-feet bgs)		TEST PIT #3 (6-feet bgs)		TEST PIT #4 (5-feet bgs)	
SAMPLE ID:			TP-01-72-07082025		TP-02-60-07082025		TP-03-6T09-07092025		TP-04-CL-07092025	
SAMPLING DATE:			7/8/2025		7/8/2025		7/9/2025		7/9/2025	
LAB SAMPLE ID:			L2542776-02		L2542776-03		L2542776-04		L2542776-05	
Analytes	Part 375 SCOSs (a) Restricted-Residential	Units	Results		Results		Results		Results	
Volatile Organics by GC/MS										
Methylene chloride	100	mg/kg	18	U	2.1	U	0.33	U	0.0055	U
1,1-Dichloroethane	26	mg/kg	3.6	U	0.42	U	0.066	U	0.0011	U
Chloroform	49	mg/kg	5.3	U	0.64	U	0.099	U	0.0016	U
Carbon tetrachloride	2.4	mg/kg	3.6	U	0.42	U	0.066	U	0.0011	U
1,2-Dichloropropane	-	mg/kg	3.6	U	0.42	U	0.066	U	0.0011	U
Dibromochloromethane	-	mg/kg	3.6	U	0.42	U	0.066	U	0.0011	U
1,1,2-Trichloroethane	-	mg/kg	3.6	U	0.42	U	0.066	U	0.0011	U
Tetrachloroethene	19	mg/kg	**1.4**	J	0.21	U	0.033	U	0.00055	U
Chlorobenzene	100	mg/kg	**1800**		**250**		**13**		**0.053**	
Trichlorofluoromethane	-	mg/kg	14	U	1.7	U	0.26	U	0.0044	U
1,2-Dichloroethane	3.1	mg/kg	3.6	U	0.42	U	0.066	U	0.0011	U
1,1,1-Trichloroethane	100	mg/kg	1.8	U	0.21	U	0.033	U	0.00055	U
Bromodichloromethane	-	mg/kg	1.8	U	0.21	U	0.033	U	0.00055	U
trans-1,3-Dichloropropene	-	mg/kg	3.6	U	0.42	U	0.066	U	0.0011	U
cis-1,3-Dichloropropene	-	mg/kg	1.8	U	0.21	U	0.033	U	0.00055	U
Bromoform	-	mg/kg	14	U	1.7	U	0.26	U	0.0044	U
1,1,2,2-Tetrachloroethane	-	mg/kg	1.8	U	0.21	U	0.033	U	0.00055	U
Benzene	4.8	mg/kg	1.8	U	**0.14**	J	0.033	U	**0.00094**	
Toluene	100	mg/kg	**1.9**	J	0.42	U	0.066	U	**0.00092**	J
Ethylbenzene	41	mg/kg	**2.7**	J	**0.099**	J	**0.01**	J	**0.00034**	J
Chloromethane	-	mg/kg	14	U	1.7	U	0.26	U	0.0044	U
Bromomethane	-	mg/kg	7.1	U	0.85	U	0.13	U	0.0022	U
Vinyl chloride	0.9	mg/kg	3.6	U	0.42	U	0.066	U	0.0011	U
Chloroethane	-	mg/kg	7.1	U	0.85	U	0.13	U	0.0022	U
1,1-Dichloroethene	100	mg/kg	3.6	U	0.42	U	0.066	U	0.0011	U
trans-1,2-Dichloroethene	100	mg/kg	5.3	U	0.64	U	0.099	U	0.0016	U
Trichloroethene	21	mg/kg	1.8	U	0.21	U	0.033	U	0.00055	U
1,2-Dichlorobenzene	100	mg/kg	**340**		**2.5**		**0.018**	J	**0.077**	
1,3-Dichlorobenzene	49	mg/kg	**58**		**0.32**	J	0.13	U	**0.00087**	J
1,4-Dichlorobenzene	13	mg/kg	**440**		**1.4**		**0.024**	J	**0.012**	
Methyl tert butyl ether	100	mg/kg	7.1	U	0.85	U	0.13	U	0.0022	U
p/m-Xylene	100	mg/kg	7.1	U	0.85	U	0.13	U	**0.00089**	J
o-Xylene	100	mg/kg	3.6	U	0.42	U	0.066	U	**0.00059**	J
cis-1,2-Dichloroethene	100	mg/kg	3.6	U	0.42	U	0.066	U	0.0011	U
Styrene	-	mg/kg	3.6	U	0.42	U	0.066	U	0.0011	U
Dichlorodifluoromethane	-	mg/kg	36	U	4.2	U	0.66	U	0.011	U
Acetone	100	mg/kg	36	U	4.2	U	0.66	U	0.011	U
Carbon disulfide	-	mg/kg	36	U	4.2	U	0.66	U	0.011	U
2-Butanone	100	mg/kg	36	U	4.2	U	0.66	U	0.011	U
4-Methyl-2-pentanone	-	mg/kg	36	U	4.2	U	0.66	U	0.011	U
2-Hexanone	-	mg/kg	36	U	4.2	U	0.66	U	0.011	U
1,2-Dibromoethane	-	mg/kg	3.6	U	0.42	U	0.066	U	0.0011	U
n-Butylbenzene	100	mg/kg	3.6	U	0.42	U	0.066	U	0.0011	U
sec-Butylbenzene	100	mg/kg	3.6	U	0.42	U	0.066	U	0.0011	U
tert-Butylbenzene	100	mg/kg	7.1	U	0.85	U	0.13	U	0.0022	U
1,2-Dibromo-3-chloropropane	-	mg/kg	11	U	1.3	U	0.2	U	0.0033	U
Isopropylbenzene	-	mg/kg	3.6	U	0.42	U	0.066	U	0.0011	U
p-Isopropyltoluene	-	mg/kg	3.6	U	0.42	U	0.066	U	0.0011	U
Naphthalene	100	mg/kg	**3.1**	J	1.7	U	0.26	U	**0.026**	
n-Propylbenzene	100	mg/kg	3.6	U	0.42	U	0.066	U	0.0011	U
1,2,4-Trichlorobenzene	-	mg/kg	**14**		0.85	U	**0.025**	J	**0.00091**	J
1,3,5-Trimethylbenzene	52	mg/kg	7.1	U	0.85	U	0.13	U	**0.00021**	J
1,2,4-Trimethylbenzene	52	mg/kg	**1.6**	J	0.85	U	0.13	U	**0.00066**	J
Methyl Acetate	-	mg/kg	14	U	**0.52**	J	**0.088**	J	0.0044	U
Cyclohexane	-	mg/kg	36	U	4.2	U	0.66	U	0.011	U
Freon-113	-	mg/kg	14	U	1.7	U	0.26	U	0.0044	U
Methyl cyclohexane	-	mg/kg	14	U	1.7	U	0.26	U	0.0044	U

(a) New York NYCRR Part 375 Soil Cleanup Objectives (SCOs): Restricted-Residential Use SCO exceedances highlighted in yellow.

"-" = no comparative criteria: "U" = not detected above reporting limit shown; "J" = estimated concentration. Analyte postitively identified at estiamted concentration between the PQL and MDL.

"mg/kg" = milligrams per kilogram

Table 3
RFI-32AR Area CM
Soils Beneath Clay Pipe
Buffalo Color Corporation Area E Site (C915232)

ANALYTE	SAMPLE ID:		NW-PIPE-12182025		WW-PIPE-12182025	
	LAB ID:		L2580856-11		L2580856-12	
	COLLECTION DATE:		12/18/2025		12/18/2025	
	SAMPLE MATRIX:		SOIL		SOIL	
	Commercial	Restricted Residential				
	(mg/kg)	(mg/kg)				
VOLATILE ORGANICS BY GC/MS						
1,1,1-Trichloroethane	500	100	<0.026	U	<0.058	U
1,1,2,2-Tetrachloroethane			<0.026	U	<0.057	U
1,1,2-Trichloroethane			<0.042	U	<0.092	U
1,1-Dichloroethane	240	47	<0.023	U	<0.05	U
1,1-Dichloroethene	5.1	0.98	<0.038	U	<0.082	U
1,2,4-Trichlorobenzene			1.6		2.5	
1,2,4-Trimethylbenzene	500	100	0.39		0.47	J
1,2-Dibromo-3-chloropropane			<0.16	U	<0.34	U
1,2-Dibromoethane			<0.044	U	<0.096	U
1,2-Dichlorobenzene	500	100	9.4		26	
1,2-Dichloroethane	30	5.8	<0.04	U	<0.089	U
1,2-Dichloropropane			<0.02	U	<0.043	U
1,3,5-Trimethylbenzene	500	100	0.14	JL	0.14	JL
1,3-Dichlorobenzene	280	38	1.6		4.3	
1,4-Dichlorobenzene	130	24	14		34	
2-Butanone	500	100	<0.35	U	<0.77	U
2-Hexanone			<0.19	U	<0.41	U
4-Methyl-2-pentanone			<0.2	U	<0.44	U
Acetone	500	100	<0.76	UJ	<1.7	UJ
Benzene	20	3.7	<0.026	U	<0.057	U
Bromodichloromethane			<0.017	U	<0.038	U
Bromoform			<0.039	U	<0.085	U
Bromomethane			<0.092	UJ	<0.2	UJ
Carbon disulfide			<0.72	U	<1.6	UJ
Carbon tetrachloride	41	7.1	<0.036	U	<0.08	U
Chlorobenzene	500	100	71.00		110	
Chloroethane			<0.071	U	<0.16	U
Chloroform	180	24	0.024	JL	<0.048	U
Chloromethane			<0.15	U	<0.32	U
cis-1,2-Dichloroethene	500	41	<0.028	U	<0.06	U
cis-1,3-Dichloropropene			<0.025	U	<0.055	U
Cyclohexane			<0.086	U	<0.19	U
Dibromochloromethane			<0.022	U	<0.048	U
Dichlorodifluoromethane			<0.14	UJ	<0.32	U
Ethylbenzene	390	76	0.064	JL	0.088	JL
Freon-113			<0.11	U	<0.24	U
Isopropylbenzene			<0.017	U	<0.038	U
Methyl Acetate			<0.15	U	<0.33	U
Methyl cyclohexane			<0.095	U	<0.21	U
Methyl tert butyl ether	500	100	<0.032	U	<0.07	U
Methylene chloride	500	81	<0.36	U	<0.79	U
n-Butylbenzene	500	100	0.076	JL	0.082	JL
n-Propylbenzene	500	100	<0.027	U	<0.059	U
Naphthalene	500	100	0.47	J	0.33	J
o-Xylene			<0.046	U	<0.1	U
p-Isopropyltoluene			0.057	JL	0.062	JL
p/m-Xylene			<0.088	U	<0.19	U
sec-Butylbenzene	500	100	0.061	JL	0.06	JL
Styrene			<0.031	U	<0.068	U
tert-Butylbenzene	500	100	<0.019	U	<0.041	U
Tetrachloroethene	81	18	<0.031	U	<0.068	U
Toluene	500	100	<0.086	U	<0.19	U
trans-1,2-Dichloroethene	500	100	<0.022	U	<0.047	U
trans-1,3-Dichloropropene			<0.043	U	<0.094	U
Trichloroethene	54	6.4	<0.022	U	<0.047	U
Trichlorofluoromethane			<0.11	U	<0.24	U
Vinyl chloride	7.1	0.48	<0.053	U	<0.12	U
Total VOCs			98.88	-	178.032	-
Total TICs			-		-	
SEMIVOLATILE ORGANICS BY GC/MS						
1,2,4,5-Tetrachlorobenzene			0.06	J	<0.022	U
2,3,4,6-Tetrachlorophenol			<0.042	U	<0.044	U
2,4,5-Trichlorophenol			<0.04	U	<0.041	U
2,4,6-Trichlorophenol			<0.04	U	<0.041	U
2,4-Dichlorophenol			<0.034	U	<0.035	U
2,4-Dimethylphenol			<0.069	U	<0.071	U
2,4-Dinitrophenol			<0.097	U	<0.1	U
2,4-Dinitrotoluene			<0.042	U	<0.043	U
2,6-Dinitrotoluene			<0.036	U	<0.037	U
2-Chloronaphthalene			<0.021	U	<0.021	U
2-Chlorophenol			0.42		0.14	J
2-Methylnaphthalene			<0.025	U	<0.026	U
2-Methylphenol	500	100	<0.032	U	<0.033	U
2-Nitroaniline			<0.04	U	<0.042	U
2-Nitrophenol			<0.078	UJ	<0.081	UJ
3,3'-Dichlorobenzidine			<0.055	U	<0.057	U
3-Methylphenol/4-Methylphenol	500	100	<0.033	U	<0.034	U
3-Nitroaniline			<0.039	U	<0.041	U
4,6-Dinitro-o-cresol			<0.1	UJ	<0.1	UJ
4-Bromophenyl phenyl ether			<0.032	U	<0.033	U
4-Chloroaniline			<0.038	U	<0.039	U
4-Chlorophenyl phenyl ether			<0.022	U	<0.023	U
4-Nitroaniline			<0.086	U	<0.089	U
4-Nitrophenol			<0.085	U	<0.088	U
Acenaphthene	500	100	0.023	J	<0.022	U
Acenaphthylene	500	100	<0.032	U	<0.033	U
Acetophenone			<0.026	U	<0.027	U
Anthracene	500	100	<0.041	U	<0.042	U
Atrazine			<0.073	U	<0.075	U
Benzaldehyde			<0.056	U	<0.058	U
Benzo(a)anthracene	37	1.4	0.062	J	<0.024	U
Benzo(a)pyrene	3.7	1	<0.051	U	<0.052	U
Benzo(b)fluoranthene	37	1.4	0.064	J	<0.036	U
Benzo(ghi)perylene	47	4.9	0.025	J	<0.025	U
Benzo(k)fluoranthene	47	4.9	<0.033	U	<0.034	U
Biphenyl			<0.027	U	<0.028	U
Bis(2-chloroethoxy)methane			<0.021	U	<0.022	U
Bis(2-chloroethyl)ether			<0.028	U	<0.029	U
Bis(2-chloroisopropyl)ether			<0.036	UJ	<0.037	UJ
Bis(2-ethylhexyl)phthalate			<0.072	UJ	<0.074	UJ
Butyl benzyl phthalate			<0.052	U	<0.054	U
Caprolactam			<0.063	UJ	<0.066	UJ
Carbazole			<0.02	U	<0.021	U
Chrysene	47	4.9	0.05	J	<0.022	U
Di-n-butylphthalate			<0.04	U	<0.041	U
Di-n-octylphthalate			<0.071	U	<0.073	U
Dibenzo(a,h)anthracene	3.7	0.33	<0.024	U	<0.025	U
Dibenzofuran	180	18	0.027	J	<0.02	U
Diethyl phthalate			<0.019	U	<0.02	U
Dimethyl phthalate			<0.044	U	<0.045	U
Fluoranthene	500	100	0.15		0.036	J
Fluorene	500	100	0.041	J	<0.021	U
Hexachlorobenzene	1.8	0.33	0.12		0.034	J
Hexachlorobutadiene			<0.03	U	<0.032	U
Hexachlorocyclopentadiene			<0.19	U	<0.2	U
Hexachloroethane			<0.034	U	<0.035	U
Indeno(1,2,3-cd)pyrene	37	1.4	<0.029	U	<0.03	U
Isophorone			<0.027	U	<0.028	U
n-Nitrosodi-n-propylamine			<0.032	U	<0.033	U
Naphthalene	500	100	0.14	J	0.057	J
NDPA/DPA			<0.024	U	<0.024	U
Nitrobenzene	8.9	1.8	<0.031	U	<0.032	U
p-Chloro-m-cresol			<0.031	U	<0.032	U
Pentachlorophenol	6.9	1.3	<0.046	U	<0.047	U
Phenanthrene	47	4.9	0.18		0.032	J
Phenol	500	100	<0.032	U	<0.032	U
Pyrene	500	100	0.12		0.029	J
Total SVOCs			1.482	-	0.328	-
Total TICs			5.07	J	4.31	J
GENERAL CHEMISTRY						
Solids, Total			79.2		76.1	

NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Notes:
NS = Not Sampled; Bold = Analyte was detected; "<" = Analyzed for but detected at or above the quantitation limit; J = Analyte detected below quantitation limit

Green Highlight = Analyte concentration exceeds Commercial SCOs; Yellow Highlight = Analyte concentration exceeds Restricted Residential SCOs

Table 4
RFI-32AR Area CM
Excavation Documentation Sample Results
Buffalo Color Corporation Area E Site (C915232)

ANALYTE			SAMPLE ID:	AREA01-BOTTOM-12152025		AREA01-SW-12152025		AREA02-NW-12152025		AREA03-BOTTOM-12162025		AREA03-EW-12162025		AREA03-NW-12162025	
			LAB ID:	L2580856-02		L2580856-01		L2580856-03		L2580856-07		L2580856-06		L2580856-05	
			COLLECTION DATE:	12/15/2025		12/15/2025		12/15/2025		12/16/2025		12/16/2025		12/16/2025	
			SAMPLE MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Commercial	Restricted Residential		Bottom Sample collected from 17 ft bgs		South wall sample collected from 15 ft bgs		North wall sample collected from 10 ft bgs		Bottom sample collected from 14 ft bgs		East wall sample collected from 11 ft bgs		North wall sample collected from 10 ft bgs	
	(mg/kg)	(mg/kg)													
VOLATILE ORGANICS BY GC/MS															
1,1,1-Trichloroethane	500	100	<0.00017	U	<0.014	U	<0.012	U	<0.013	U	<0.064	U	<0.012	U
1,1,2,2-Tetrachloroethane			<0.00017	U	<0.014	U	<0.012	U	<0.013	U	<0.063	U	<0.012	U
1,1,2-Trichloroethane			<0.00027	U	<0.022	U	<0.018	U	<0.021	U	<0.1	U	<0.019	U
1,1-Dichloroethane	240	47	<0.00015	U	<0.012	U	<0.01	U	<0.011	U	<0.055	U	<0.01	U
1,1-Dichloroethene	5.1	0.98	<0.00024	U	<0.02	U	<0.016	U	<0.019	U	<0.091	U	<0.017	U
1,2,4-Trichlorobenzene			<0.00027	U	<0.022	U	<0.019	U	<0.021	U	<0.1	U	<0.02	U
1,2,4-Trimethylbenzene	500	100	<0.00034	U	<0.028	U	<0.023	U	<0.026	U	<0.13	U	<0.024	U
1,2-Dibromo-3-chloropropane			<0.001	U	<0.082	U	<0.069	U	<0.078	U	<0.38	U	<0.073	U
1,2-Dibromoethane			<0.00028	U	<0.023	U	<0.019	U	<0.022	U	<0.11	U	<0.02	U
1,2-Dichlorobenzene	500	100	<0.00014	U	<0.012	U	0.03	JL	<0.011	U	<0.055	U	<0.01	U
1,2-Dichloroethane	30	5.8	<0.00026	U	<0.021	U	<0.018	U	<0.02	U	<0.098	U	<0.019	U
1,2-Dichloropropane			<0.00013	U	<0.01	U	<0.0087	U	<0.0098	U	<0.048	U	<0.0091	U
1,3,5-Trimethylbenzene	500	100	<0.00019	U	<0.016	U	<0.013	U	<0.015	U	<0.074	U	<0.014	U
1,3-Dichlorobenzene	280	38	<0.00015	U	<0.012	U	<0.01	U	<0.012	U	<0.056	U	<0.011	U
1,4-Dichlorobenzene	130	24	<0.00017	U	<0.014	U	0.066	JL	<0.013	U	<0.065	U	<0.012	U
2-Butanone	500	100	<0.0022	U	<0.18	U	<0.15	U	<0.17	U	<0.85	U	<0.16	U
2-Hexanone			<0.0012	U	<0.097	U	<0.082	U	<0.092	U	<0.45	U	<0.086	U
4-Methyl-2-pentanone			<0.0013	U	<0.1	U	<0.089	U	<0.1	U	<0.49	U	<0.093	U
Acetone	500	100	<0.0048	UJ	<0.4	UJ	<0.33	UJ	<0.38	UJ	<1.8	UJ	7.5	JL
Benzene	20	3.7	<0.00017	U	<0.014	U	<0.012	U	<0.013	U	<0.063	U	<0.012	U
Bromodichloromethane			<0.00011	U	<0.009	U	<0.0076	U	<0.0085	U	<0.042	U	<0.008	U
Bromoform			<0.00025	U	<0.02	U	<0.017	U	<0.019	U	<0.094	U	<0.018	U
Bromomethane			<0.00059	UJ	<0.048	UJ	<0.04	UJ	<0.046	UJ	<0.22	UJ	<0.042	UJ
Carbon disulfide			<0.0046	UJ	<0.37	UJ	<0.32	UJ	<0.36	UJ	<1.7	U	<0.33	UJ
Carbon tetrachloride	41	7.1	<0.00023	U	<0.019	U	<0.016	U	<0.018	U	<0.088	U	<0.017	U
Chlorobenzene	500	100	0.019	JL	32		6.4		2.9		170		1	
Chloroethane			<0.00046	U	<0.037	U	<0.031	U	<0.035	U	<0.17	U	<0.033	U
Chloroform	180	24	<0.00014	U	0.014	JL	0.018	JL	0.013	JL	<0.053	U	<0.01	U
Chloromethane			<0.00094	U	<0.077	U	<0.065	U	<0.073	U	<0.36	U	<0.068	U
cis-1,2-Dichloroethene	500	41	<0.00018	U	<0.014	U	<0.012	U	<0.014	U	<0.067	U	<0.013	U
cis-1,3-Dichloropropene			<0.00016	U	<0.013	U	<0.011	U	<0.012	U	<0.06	U	<0.012	U
Cyclohexane			<0.00055	U	<0.045	U	<0.038	U	<0.043	U	<0.21	U	<0.04	U
Dibromochloromethane			<0.00014	U	<0.012	U	<0.0097	U	<0.011	U	<0.053	U	<0.01	U
Dichlorodifluoromethane			<0.00092	U	<0.075	U	<0.064	U	<0.072	U	<0.35	U	<0.067	U
Ethylbenzene	390	76	<0.00014	U	<0.012	U	<0.0098	U	<0.011	U	<0.054	U	<0.01	U
Freon-113			<0.0007	U	<0.057	U	<0.048	U	<0.054	U	<0.26	U	<0.051	U
Isopropylbenzene			<0.00011	U	<0.009	U	<0.0076	U	<0.0085	U	<0.042	U	<0.008	U
Methyl Acetate			<0.00096	U	<0.078	U	<0.066	U	<0.074	U	<0.36	U	<0.069	U
Methyl cyclohexane			<0.00061	U	<0.05	U	<0.042	U	<0.047	U	<0.23	U	<0.044	U
Methyl tert butyl ether	500	100	<0.0002	U	<0.016	U	<0.014	U	<0.016	U	<0.077	U	<0.015	U
Methylene chloride	500	81	<0.0023	U	<0.19	U	<0.16	U	<0.18	U	<0.87	U	<0.17	U
n-Butylbenzene	500	100	<0.00017	U	<0.014	U	<0.012	U	<0.013	UJ	<0.064	UJ	<0.012	U
n-Propylbenzene	500	100	<0.00017	U	<0.014	U	<0.012	U	<0.013	UJ	<0.065	U	<0.012	UJ
Naphthalene	500	100	<0.00066	U	<0.054	U	<0.045	U	<0.051	U	<0.25	U	<0.047	U
o-Xylene			<0.00029	U	<0.024	U	<0.02	U	<0.023	U	<0.11	U	<0.021	U
p-Isopropyltoluene			<0.00011	U	<0.009	U	<0.0076	U	<0.0085	U	<0.042	U	<0.008	U
p/m-Xylene			<0.00056	U	<0.046	U	<0.039	U	<0.044	U	<0.21	U	<0.041	U
sec-Butylbenzene	500	100	<0.00015	U	<0.012	U	<0.01	U	<0.011	UJ	<0.056	U	<0.011	UJ
Styrene			<0.0002	U	<0.016	U	<0.014	U	<0.015	U	<0.075	U	<0.014	U
tert-Butylbenzene	500	100	<0.00012	U	<0.0097	U	<0.0082	U	<0.0092	U	<0.045	U	<0.0086	U
Tetrachloroethene	81	18	<0.0002	U	<0.016	U	<0.014	U	<0.015	U	<0.075	U	<0.014	U
Toluene	500	100	<0.00055	U	<0.045	U	<0.038	U	<0.042	U	<0.21	U	<0.04	U
trans-1,2-Dichloroethene	500	100	<0.00014	U	<0.011	U	<0.0095	U	<0.011	U	<0.052	U	<0.01	U
trans-1,3-Dichloropropene			<0.00028	U	<0.022	U	<0.019	U	<0.021	U	<0.1	U	<0.02	U
Trichloroethene	54	6.4	<0.00014	U	<0.011	U	<0.0095	U	<0.011	U	<0.052	U	<0.01	U
Trichlorofluoromethane			<0.0007	U	<0.057	U	<0.048	U	<0.054	U	<0.26	U	<0.051	U
Vinyl chloride	7.1	0.48	<0.00034	U	<0.028	U	<0.023	U	<0.026	U	<0.13	U	<0.024	U
Total VOCs			0.019	-	32.014	-	6.514	-	2.913	-	170	-	8.5	-
Total TICs			-		-		-		-		-		0.312	J
SEMIVOLATILE ORGANICS BY GC/MS															
1,2,4,5-Tetrachlorobenzene			<0.023	U	<0.023	U	<0.022	U	<0.023	U	<0.022	U	<0.022	U
1,4-Dioxane														
2,3,4,6-Tetrachlorophenol			<0.044	U	<0.045	U	<0.042	U	<0.044	U	<0.043	U	<0.043	U
2,4,5-Trichlorophenol			<0.042	U	<0.043	U	<0.04	U	<0.042	U	<0.04	U	<0.041	U
2,4,6-Trichlorophenol			<0.042	UJ	<0.042	UJ	<0.04	UJ	<0.041	U	<0.04	U	<0.04	U
2,4-Dichlorophenol			<0.035	U	<0.036	U	<0.034	U	<0.035	U	<0.034	U	<0.034	U
2,4-Dimethylphenol			<0.072	U	<0.074	U	<0.069	U	<0.072	U	<0.07	U	<0.07	U
2,4-Dinitrophenol			<0.1	U	<0.1	U	<0.098	U	<0.1	U	<0.098	U	<0.099	U
2,4-Dinitrotoluene			<0.044	UJ	<0.044	UJ	<0.042	UJ	<0.043	U	<0.042	U	<0.043	U
2,6-Dinitrotoluene			<0.038	UJ	<0.038	UJ	<0.036	UJ	<0.037	U	<0.036	U	<0.036	U
2-Chloronaphthalene			<0.022	U	<0.022	U	<0.021	U	<0.022	U	<0.021	U	<0.021	U
2-Chlorophenol			<0.026	U	0.092	J	<0.025	U	<0.026	U	0.14	J	<0.025	U
2-Methylnaphthalene	500	100	<0.026	U	<0.027	U	<0.025	U	<0.026	U	<0.026	U	<0.026	U
2-Methylphenol			<0.034	U	<0.034	U	<0.032	U	<0.034	U	<0.033	U	<0.033	U
2-Nitroaniline			<0.042	UJ	<0.043	UJ	<0.04	UJ	<0.042	U	<0.041	U	<0.041	U
2-Nitrophenol			<0.082	UJ	<0.084	UJ	<0.079	UJ	<0.082	U	<0.079	U	<0.08	U
3,3'-Dichlorobenzidine	500	100	<0.058	U	<0.059	U	<0.056	U	<0.058	U	<0.056	U	<0.057	U
3-Methylphenol/4-Methylphenol			<0.034	U	<0.035	U	<0.033	U	<0.034	U	<0.033	U	<0.033	U
3-Nitroaniline			<0.041	U	<0.042	U	<0.04	U	<0.041	U	<0.04	U	<0.04	U
4,6-Dinitro-o-cresol			<0.1	UJ	<0.11	UJ	<0.1	UJ	<0.1	U	<0.1	U	<0.1	U
4-Bromophenyl phenyl ether			<0.033	U	<0.034	U	<0.032	U	<0.033	U	<0.032	U	<0.032	U
4-Chloroaniline			<0.04	U	<0.04	U	<0.038	U	<0.039	U	<0.038	U	<0.039	U
4-Chlorophenyl phenyl ether			<0.023	U	<0.024	U	<0.022	U	<0.023	U	<0.023	U	<0.023	U
4-Nitroaniline			<0.091	U	<0.092	U	<0.087	U	<0.09	U	<0.087	U	<0.088	U
4-Nitrophenol	500	100	<0.09	U	<0.091	U	<0.086	U	<0.088	U	<0.086	U	<0.087	U
Acenaphthene	500	100	<0.023	U	<0.023	U	<0.022	U	<0.022	U	<0.022	U	<0.022	U
Acenaphthylene			<0.034	U	<0.034	U	<0.032	U	<0.033	U	<0.033	U	<0.033	U
Acetophenone	500	100	<0.027	U	<0.028	U	<0.026	U	<0.027	U	<0.026	U	<0.026	U
Anthracene			<0.043	U	<0.043	U	<0.041	U	<0.042	U	<0.041	U	<0.042	U
Atrazine			<0.077	U	<0.078	U	<0.073	U	<0.076	U	<0.074	U	<0.074	U
Benzaldehyde	37	1.4	<0.059	UJ	<0.06	UJ	<0.057	UJ	<0.058	U	<0.057	U	<0.058	U
Benzo(a)anthracene	3.7	1	<0.025	U	<0.025	U	<0.024	U	<0.024	U	<0.024	U	<0.024	U
Benzo(a)pyrene	37	1.4	<0.054	U	<0.054	U	<0.051	U	<0.053	U	<0.052	U	<0.052	U
Benzo(b)fluoranthene	47	4.9	<0.037	U	<0.038	U	<0.035	U	<0.036	U	<0.036	U	<0.036	U
Benzo(ghi)perylene	47	4.9	<0.026	U	<0.026	U	<0.025	U	<0.025	U	<0.025	U	<0.025	U
Benzo(k)fluoranthene			<0.035	U	<0.036	U	<0.034	U	<0.035	U	<0.034	U	<0.034	U
Biphenyl			<0.028	U	<0.029	U	<0.027	U	<0.028	U	<0.027	U	<0.028	U
Bis(2-chloroethoxy)methane			<0.022	U	<0.022	U	<0.021	U	<0.022	U	<0.021	U	<0.021	U
Bis(2-chloroethyl)ether			<0.03	U	<0.03	U	<0.028	U	<0.029	U	<0.029	U	<0.029	U
Bis(2-chloroisopropyl)ether			<0.037	U	<0.038	U	<0.036	U	<0.037	U	<0.036	U	<0.036	U
Bis(2-ethylhexyl)phthalate			<0.076	U	<0.077	U	<0.072	U	<0.075	U	<0.073	U	<0.074	U
Butyl benzyl phthalate			<0.055	U	<0.056	U	<0.053	U	<0.055	U	<0.053	U	<0.054	U
Caprolactam			<0.067	U	<0.068	U	<0.064	U	<0.066	U	<0.064	U	<0.065	U
Carbazole	47	4.9	<0.021	U	<0.022	U	<0.02	U	<0.021	U	<0.02	U	<0.021	U
Chrysene			<0.023	U	<0.023	U	<0.022	U	<0.022	U	<0.022	U	<0.022	U
Di-n-butylphthalate			<0.042	U	<0.042	U	<0.04	U	<0.041	U	<0.04	U	<0.04	U
Di-n-octylphthalate	3.7	0.33	<0.075	U	<0.076	U	<0.071	U	<0.074	U	<0.072	U	<0.072	U
Dibenzo(a,h)anthracene	180	18	<0.025	U	<0.026	U	<0.024	U	<0.025	U	<0.024	U	<0.025	U
Dibenzofuran			<0.021	U	<0.021	U	<0.02	U	<0.02	U	<0.02	U	<0.02	U
Diethyl phthalate			<0.02	U	<0.021	U	<0.019	U	<0.02	U	<0.02	U	<0.02	U
Dimethyl phthalate	500	100	<0.046	U	<0.047	U	<0.044	U	<0.046	U	<0.044	U	<0.045	U
Fluoranthene	500	100	<0.025	U	<0.026	U	<0.024	U	<0.025	U	<0.024	U	<0.024	U
Fluorene	1.8	0.33	<0.021	U	<0.022	U	<0.02	U	<0.021	U	<0.02	U	<0.021	U
Hexachlorobenzene			<0.024	U	<0.025	U	<0.023	U	<0.024	U	<0.024	U	<0.024	U
Hexachlorobutadiene			<0.032	U	<0.033	U	<0.031	U	<0.032	UJ	<0.031	UJ	<0.031	UJ
Hexachlorocyclopentadiene			<0.2	U	<0.2	UJ	<0.19	UJ	<0.2	U	<0.19	U	<0.19	U
Hexachloroethane	37	1.4	<0.036	U	<0.036	U	<0.034	U	<0.035	U	<0.034	U	<0.034	U
Indeno(1,2,3-cd)pyrene			<0.03	U	<0.031	U	<0.029	U	<0.03	U	<0.029	U	<0.03	U
Isophorone			<0.028	U	<0.029	U	<0.027	U	<0.028	U	<0.027	U	<0.028	U
n-Nitrosodi-n-propylamine	500	100	<0.034	U	<0.034	U	<0.032	U	<0.033	U	<0.033	U	<0.033	U
Naphthalene			<0.027	U	<0.027	U	<0.026	U	<0.026	U	<0.026	U	<0.026	U
NDPA/DPA	8.9	1.8	<0.025	U	<0.025	U	<0.024	U	<0.025	U	<0.024	U	<0.024	U
Nitrobenzene			<0.032	UJ	<0.033	UJ	<0.031	U	<0.032	U	<0.031	U	<0.032	U
p-Chloro-m-cresol	6.9	1.3	<0.033	U	<0.033	U	<0.031	U	<0.032	U	<0.031	U	<0.032	U
Pentachlorophenol	47	4.9	<0.048	U	<0.049	U	<0.046	U	<0.048	U	<0.046	U	<0.047	U
Phenanthrene	500	100	<0.027	U	<0.027	U	<0.025	U	<0.026	U	<0.026	U	<0.026	U
Phenol	500	100	<0.033	U	<0.034	U	<0.032	U	<0.033	U	<0.032	U	<0.032	U
Pyrene			<0.022	U	<0.022	U	<0.021	U	<0.022	U	<0.021	U	<0.021	U
Total SVOCs			-	-	0.092	-	-	-	-	-	0.14	-	-	-
Total TICs			0.395	J	5.26	J	3.47	J	0.328	J	48.9	J	0.602	J
GENERAL CHEMISTRY															
Solids, Total			74.8		74.5		78.2		74.9		77		77	

Table 4
RFI-32AR Area CM
Excavation Documentation Sample Results
Buffalo Color Corporation Area E Site (C915232)

ANALYTE			SAMPLE ID:	AREA03-SW-12162025		AREA04-BOTTOM-12182025		AREA04-SW-12182025		AREA04-WW-12182025		AREA05-BOTTOM-01062026		AREA05-NW-01062026		AREA05-SW-01062026		AREA05-WW-01062026	
			LAB ID:	L2580856-04		L2580856-08		L2580856-09		L2580856-10		L2600637-01		L2600637-02		L2600637-04		L2600637-03	
			COLLECTION DATE:	12/16/2025		12/18/2025		12/18/2025		12/18/2025		1/6/2026		1/6/2026		1/6/2026		1/6/2026	
			SAMPLE MATRIX:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Commercial	Restricted Residential		South wall sample collected from 12 ft bgs		Bottom sample collected from 15 ft bgs		South wall sample collected from 11 ft bgs		West wall sample collected from 12 ft bgs		Bottom sample collected from 12 ft bgs		North wall sample collected from 7 ft bgs		South wall sample collected from 10 ft bgs		West wall sample collected from 11 ft bgs	
	(mg/kg)	(mg/kg)																	
VOLATILE ORGANICS BY GC/MS																			
1,1,1-Trichloroethane	500	100	<0.028	U	<0.012	U	<0.013	U	<0.00018	U	<0.00022	U	<0.033	U	<0.00019	U	<0.00021	U
1,1,2,2-Tetrachloroethane			<0.028	U	<0.011	U	<0.013	U	<0.00018	U	<0.00021	U	<0.032	U	<0.00019	U	<0.00021	U
1,1,2-Trichloroethane			<0.045	U	<0.018	U	<0.021	U	<0.00029	U	<0.00034	U	<0.052	U	<0.00031	U	<0.00034	U
1,1-Dichloroethane	240	47	<0.024	U	<0.01	U	<0.012	U	<0.00016	U	<0.00019	U	<0.028	U	<0.00017	U	<0.00019	U
1,1-Dichloroethene	5.1	0.98	<0.04	U	<0.016	U	<0.019	U	<0.00026	U	<0.00031	U	<0.046	U	<0.00027	U	<0.0003	U
1,2,4-Trichlorobenzene			<0.046	U	<0.019	U	<0.022	U	<0.0003	U	<0.00035	U	<0.053	U	<0.00031	U	<0.00035	U
1,2,4-Trimethylbenzene	500	100	<0.056	U	<0.023	U	<0.026	U	<0.00036	U	<0.00043	U	<0.065	U	<0.00038	U	<0.00043	U
1,2-Dibromo-3-chloropropane			<0.17	U	<0.069	U	<0.079	U	<0.0011	U	<0.0013	U	<0.2	U	<0.0011	U	<0.0013	U
1,2-Dibromoethane			<0.047	U	<0.019	U	<0.022	U	<0.0003	U	<0.00036	U	<0.054	U	<0.00032	U	<0.00036	U
1,2-Dichlorobenzene	500	100	<0.024	U	0.22		0.28		0.00018	JL	<0.00018	U	0.86		<0.00016	U	<0.00018	U
1,2-Dichloroethane	30	5.8	<0.043	U	<0.018	U	<0.02	U	<0.00028	U	<0.00033	U	<0.05	U	<0.0003	U	<0.00033	U
1,2-Dichloropropane			<0.021	U	<0.0086	U	<0.0099	U	<0.00014	U	<0.00016	U	<0.024	U	<0.00014	U	<0.00016	U
1,3,5-Trimethylbenzene	500	100	<0.033	U	<0.013	U	<0.015	U	<0.00021	U	<0.00025	U	<0.038	U	<0.00022	U	<0.00025	U
1,3-Dichlorobenzene	280	38	<0.025	U	0.035	JL	0.049	JL	<0.00016	U	<0.00019	U	0.13	JL	<0.00017	U	<0.00019	U
1,4-Dichlorobenzene	130	24	<0.029	U	0.3		0.48		0.00048	JL	<0.00022	U	1.3		<0.0002	U	<0.00022	U
2-Butanone	500	100	<0.38	U	<0.15	U	<0.18	U	<0.0024	U	<0.0029	U	<0.43	U	<0.0026	U	<0.0028	U
2-Hexanone			<0.2	U	<0.081	U	<0.094	U	<0.0013	U	<0.0015	U	<0.23	U	<0.0014	U	<0.0015	U
4-Methyl-2-pentanone			<0.22	U	<0.088	U	<0.1	U	<0.0014	U	<0.0016	U	<0.25	U	<0.0015	U	<0.0016	U
Acetone	500	100	<0.81	UJ	<0.33	UJ	<0.38	UJ	0.017	JL	<0.0062	UJ	<0.94	U	0.014	JL	<0.0062	UJ
Benzene	20	3.7	<0.028	U	<0.011	U	<0.013	U	<0.00018	U	<0.00021	U	0.033	JL	<0.00019	U	<0.00021	U
Bromodichloromethane			<0.018	U	<0.0075	U	<0.0086	U	<0.00012	U	<0.00014	U	<0.021	U	<0.00012	U	<0.00014	U
Bromoform			<0.042	U	<0.017	U	<0.02	U	<0.00027	U	<0.00032	U	<0.048	U	<0.00028	U	<0.00032	U
Bromomethane			<0.098	UJ	<0.04	UJ	<0.046	UJ	<0.00064	UJ	<0.00075	U	<0.11	UJ	<0.00067	U	<0.00074	U
Carbon disulfide			<0.77	U	<0.31	UJ	<0.36	UJ	<0.005	UJ	<0.0059	U	<0.89	UJ	<0.0052	U	<0.0058	U
Carbon tetrachloride	41	7.1	<0.039	U	<0.016	U	<0.018	U	<0.00025	U	<0.0003	U	<0.045	U	<0.00026	U	<0.0003	U
Chlorobenzene	500	100	79		5.5		4.1		0.059	JL	<0.00016	U	78	E	0.016	UJ	<0.00016	U
Chloroethane			<0.076	U	<0.031	U	<0.036	U	<0.00049	U	<0.00058	U	<0.088	U	<0.00052	U	<0.00058	U
Chloroform	180	24	<0.024	U	0.013	JL	0.032	JL	<0.00015	U	<0.00018	U	<0.027	U	<0.00016	U	<0.00018	U
Chloromethane			<0.16	U	<0.064	U	<0.074	U	<0.001	U	<0.0012	UJ	<0.18	U	<0.0011	UJ	<0.0012	UJ
cis-1,2-Dichloroethene	500	41	<0.03	U	<0.012	U	<0.014	U	<0.00019	U	<0.00022	U	<0.034	U	<0.0002	U	<0.00022	U
cis-1,3-Dichloropropene			<0.027	U	<0.011	U	<0.012	U	<0.00017	U	<0.0002	U	<0.031	U	<0.00018	U	<0.0002	U
Cyclohexane			<0.092	U	<0.038	U	<0.043	U	<0.0006	U	<0.0007	U	<0.11	U	<0.00062	U	<0.0007	U
Dibromochloromethane			<0.024	U	<0.0097	U	<0.011	U	<0.00015	U	<0.00018	U	<0.027	U	<0.00016	U	<0.00018	U
Dichlorodifluoromethane			<0.15	U	<0.063	U	<0.073	U	<0.001	U	<0.0012	U	<0.18	U	<0.001	U	<0.0012	U
Ethylbenzene	390	76	<0.024	U	<0.0097	U	<0.011	U	<0.00015	U	<0.00018	U	<0.028	UJ	<0.00016	U	<0.00018	U
Freon-113			<0.12	U	<0.048	U	<0.055	U	<0.00076	U	<0.00089	U	<0.14	U	<0.0008	U	<0.00089	U
Isopropylbenzene			<0.018	U	<0.0075	U	<0.0086	U	<0.00012	U	<0.00014	U	<0.021	U	<0.00012	U	<0.00014	U
Methyl Acetate			<0.16	U	<0.066	U	<0.075	U	<0.001	U	<0.0012	U	<0.18	U	<0.0011	U	<0.0012	U
Methyl cyclohexane			<0.1	U	<0.042	U	<0.048	U	<0.00066	U	<0.00078	U	<0.12	U	<0.00069	U	<0.00077	U
Methyl tert butyl ether	500	100	<0.034	U	<0.014	U	<0.016	U	<0.00022	U	<0.00026	U	<0.039	U	<0.00023	U	<0.00026	U
Methylene chloride	500	81	<0.39	U	<0.16	U	<0.18	U	<0.0025	U	<0.003	U	<0.45	U	<0.0026	U	<0.0029	U
n-Butylbenzene	500	100	<0.028	UJ	<0.012	U	<0.013	U	<0.00018	U	<0.00022	UJ	<0.033	UJ	<0.00019	UJ	<0.00021	UJ
n-Propylbenzene	500	100	<0.029	UJ	<0.012	U	<0.014	U	<0.00019	U	<0.00022	U	<0.033	UJ	<0.0002	U	<0.00022	U
Naphthalene	500	100	<0.11	U	<0.045	U	<0.052	U	<0.00071	U	<0.00084	U	<0.13	U	<0.00075	U	<0.00083	U
o-Xylene			<0.049	U	<0.02	U	<0.023	U	<0.00032	U	<0.00038	U	<0.057	U	<0.00033	U	<0.00037	U
p-Isopropyltoluene			<0.018	U	<0.0075	U	<0.0086	U	<0.00012	U	<0.00014	U	<0.021	U	<0.00012	U	<0.00014	U
p/m-Xylene			<0.095	U	<0.039	U	<0.044	U	<0.00061	U	<0.00072	U	<0.11	U	<0.00064	U	<0.00072	U
sec-Butylbenzene	500	100	<0.025	UJ	<0.01	U	<0.012	U	<0.00016	U	<0.00019	U	<0.028	UJ	<0.00017	U	<0.00019	U
Styrene			<0.033	U	<0.014	U	<0.016	U	<0.00021	U	<0.00025	U	<0.038	U	<0.00022	U	<0.00025	U
tert-Butylbenzene	500	100	<0.02	U	<0.0081	U	<0.0094	U	<0.00013	U	<0.00015	U	<0.023	U	<0.00014	U	<0.00015	U
Tetrachloroethene	81	18	<0.033	U	<0.014	U	<0.016	U	<0.00021	U	<0.00025	U	<0.038	U	<0.00022	U	<0.00025	U
Toluene	500	100	<0.092	U	<0.037	U	<0.043	U	<0.00059	U	<0.0007	U	<0.11	U	<0.00062	U	<0.0007	U
trans-1,2-Dichloroethene	500	100	<0.023	U	<0.0094	U	<0.011	U	<0.00015	U	<0.00018	U	<0.027	U	<0.00016	U	<0.00018	U
trans-1,3-Dichloropropene			<0.046	U	<0.019	U	<0.022	U	<0.0003	U	<0.00035	U	<0.053	U	<0.00031	U	<0.00035	U
Trichloroethene	54	6.4	<0.023	U	<0.0094	U	<0.011	U	<0.00015	U	<0.00018	U	0.032	JL	<0.00016	U	<0.00018	U
Trichlorofluoromethane			<0.12	U	<0.048	U	<0.055	U	<0.00076	U	<0.0009	U	<0.14	U	<0.0008	U	<0.00089	U
Vinyl chloride	7.1	0.48	<0.057	U	<0.023	U	<0.027	U	<0.00037	U	<0.00043	UJ	<0.066	U	<0.00038	UJ	<0.00043	UJ
Total VOCs			79	-	6.068	-	4.941	-	0.07666	-	-	-	80.355	-	0.03	-	-	-
Total TICs			-		-		-		-		0.00263		-		-		-	
SEMIVOLATILE ORGANICS BY GC/MS																			
1,2,4,5-Tetrachlorobenzene			<0.024	U	<0.023	U	<0.023	U	<0.021	U	<0.023	U	<0.022	U	<0.022	U	<0.023	U
1,4-Dioxane											<0.01	U	<0.0096	U	<0.0098	U	<0.01	U
2,3,4,6-Tetrachlorophenol			<0.046	U	<0.045	U	<0.044	U	<0.04	U	<0.045	U	<0.042	U	<0.043	U	<0.044	U
2,4,5-Trichlorophenol			<0.044	U	<0.043	U	<0.042	U	<0.038	U	<0.042	U	<0.04	U	<0.041	U	<0.042	U
2,4,6-Trichlorophenol			<0.043	U	<0.042	U	<0.041	U	<0.038	U	<0.042	U	<0.04	U	<0.04	U	<0.042	U
2,4-Dichlorophenol			<0.037	U	<0.036	U	<0.035	U	<0.032	U	<0.036	U	<0.034	U	<0.034	U	<0.035	U
2,4-Dimethylphenol			<0.076	U	<0.073	U	<0.072	U	<0.066	U	<0.073	U	<0.069	U	<0.07	U	<0.073	U
2,4-Dinitrophenol			<0.11	U	<0.1	U	<0.1	U	<0.093	U	<0.1	UJ	<0.097	UJ	<0.099	UJ	<0.1	UJ
2,4-Dinitrotoluene			<0.046	U	<0.044	U	<0.044	U	<0.04	U	<0.044	U	<0.042	U	<0.042	U	<0.044	U
2,6-Dinitrotoluene			<0.039	U	<0.038	U	<0.037	U	<0.034	U	<0.038	U	<0.036	U	<0.036	U	<0.038	U
2-Chloronaphthalene			<0.023	U	<0.022	U	<0.022	U	<0.02	U	<0.022	U	<0.021	U	<0.021	U	<0.022	U
2-Chlorophenol			0.98		<0.026	U	<0.026	U	<0.024	U	<0.026	U	0.18	J	<0.025	U	<0.026	U
2-Methylnaphthalene	500	100	<0.028	U	<0.027	U	<0.026	U	<0.024	U	<0.027	U	<0.025	U	<0.026	U	<0.026	U
2-Methylphenol			<0.036	U	<0.034	U	<0.034	U	<0.031	U	<0.034	U	<0.032	U	<0.033	U	<0.034	U
2-Nitroaniline			<0.044	U	<0.043	U	<0.042	U	<0.038	U	<0.043	U	<0.04	U	<0.041	U	<0.042	U
2-Nitrophenol			<0.086	U	<0.084	UJ	<0.082	UJ	<0.075	UJ	<0.083	U	<0.078	U	<0.08	U	<0.083	U
3,3'-Dichlorobenzidine	500	100	<0.061	U	<0.059	U	<0.058	U	<0.053	U	<0.059	U	<0.056	U	<0.056	U	<0.058	U
3-Methylphenol/4-Methylphenol			<0.036	U	<0.035	U	<0.034	U	<0.031	U	<0.035	U	<0.033	U	<0.033	U	<0.034	U
3-Nitroaniline			<0.043	U	<0.042	U	<0.041	U	<0.038	U	<0.042	U	<0.039	U	<0.04	U	<0.042	U
4,6-Dinitro-o-cresol			<0.11	U	<0.11	UJ	<0.1	UJ	<0.096	UJ	<0.11	U	<0.1	U	<0.1	U	<0.1	U
4-Bromophenyl phenyl ether			<0.035	U	<0.034	U	<0.033	U	<0.03	U	<0.034	U	<0.032	U	<0.032	U	<0.034	U
4-Chloroaniline			<0.042	U	<0.04	U	<0.04	U	<0.036	U	<0.04	U	<0.038	U	<0.038	U	<0.04	U
4-Chlorophenyl phenyl ether			<0.024	U	<0.024	U	<0.023	U	<0.021	U	<0.024	U	<0.022	U	<0.023	U	<0.024	U
4-Nitroaniline			<0.095	U	<0.092	U	<0.09	U	<0.083	U	<0.092	U	<0.086	U	<0.088	U	<0.091	U
4-Nitrophenol	500	100	<0.093	U	<0.091	U	<0.089	U	<0.081	U	<0.09	U	<0.085	U	<0.086	U	<0.09	U
Acenaphthene	500	100	<0.024	U	<0.023	U	<0.022	U	<0.021	U	<0.023	U	<0.022	U	<0.022	U	<0.023	U
Acenaphthylene			<0.035	U	<0.034	U	<0.034	U	<0.031	U	<0.034	U	<0.032	U	<0.033	U	<0.034	U
Acetophenone	500	100	<0.028	U	<0.028	U	<0.027	U	<0.025	U	<0.027	U	<0.026	U	<0.026	U	<0.027	U
Anthracene			<0.045	U	<0.043	U	<0.042	U	<0.039	U	<0.043	U	<0.041	U	<0.041	U	<0.043	U
Atrazine			<0.08	U	<0.078	U	<0.076	U	<0.07	U	<0.078	U	<0.073	U	<0.074	U	<0.077	U
Benzaldehyde	37	1.4	<0.062	U	<0.06	U	<0.059	U	<0.054	U	<0.06	U	<0.056	U	<0.057	U	<0.059	U
Benzo(a)anthracene	3.7	1	<0.026	U	<0.025	U	<0.024	U	<0.022	U	<0.025	U	<0.024	U	<0.024	U	<0.025	U
Benzo(a)pyrene	37	1.4	<0.056	U	<0.054	U	<0.053	U	<0.049	U	<0.054	U	<0.051	U	<0.052	U	<0.054	U
Benzo(b)fluoranthene	47	4.9	<0.038	U	<0.038	U	<0.037	U	<0.034	U	<0.037	U	<0.035	U	<0.036	U	<0.037	U
Benzo(ghi)perylene	47	4.9	<0.027	U	<0.026	U	<0.026	U	<0.023	U	<0.026	U	<0.024	U	<0.025	U	<0.026	U
Benzo(k)fluoranthene			<0.037	U	<0.036	U	<0.035	U	<0.032	U	<0.035	U	<0.033	U	<0.034	U	<0.035	U
Biphenyl			<0.03	U	<0.029	U	<0.028	U	<0.026	U	<0.029	U	<0.027	U	<0.028	U	<0.029	U
Bis(2-chloroethoxy)methane			<0.023	U	<0.022	U	<0.022	U	<0.02	U	<0.022	U	<0.021	U	<0.021	U	<0.022	U
Bis(2-chloroethyl)ether			<0.031	U	<0.03	UJ	<0.03	U	<0.027	U	<0.03	U	<0.028	U	<0.029	U	<0.03	U
Bis(2-chloroisopropyl)ether			<0.039	U	<0.038	U	<0.037	UJ	<0.034	UJ	<0.038	UJ	<0.036	UJ	<0.036	UJ	<0.038	UJ
Bis(2-ethylhexyl)phthalate			<0.079	U	<0.077	UJ	<0.075	UJ	<0.069	UJ	<0.077	U	<0.072	U	<0.073	U	<0.076	U
Butyl benzyl phthalate			<0.058	U	<0.056	U	<0.055	U	<0.05	U	<0.056	U	<0.053	U	<0.053	U	<0.055	U
Caprolactam			<0.07	U	<0.068	UJ	<0.066	UJ	<0.061	UJ	<0.067	U	<0.064	U	<0.064	U	<0.067	U
Carbazole	47	4.9	<0.022	U	<0.022	U	<0.021	U	<0.019	U	<0.022	U	<0.02	U	<0.021	U	<0.021	U
Chrysene			<0.024	U	<0.023	U	<0.023	U	<0.021	U	<0.023	U	<0.022	U	<0.022	U	<0.023	U
Di-n-butylphthalate			<0.043	U	<0.042	U	<0.041	U	<0.038	U	<0.042	U	<0.04	U	<0.04	U	<0.042	U
Di-n-octylphthalate	3.7	0.33	<0.078	U	<0.076	U	<0.074	U	<0.068	U	<0.075	U	<0.071	U	<0.072	U	<0.075	U
Dibenzo(a,h)anthracene	180	18	<0.026	U	<0.026	U	<0.025	U	<0.023	U	<0.026	U	<0.024	U	<0.024	U	<0.025	U
Dibenzofuran			<0.022	U	<0.021	U	<0.021	U	<0.019	U	<0.021	U	<0.02	U	<0.02	U	<0.021	U
Diethyl phthalate			<0.021	U	<0.021	U	<0.02	U	<0.018	U	<0.02	U	<0.019	U	<0.02	U	<0.02	U
Dimethyl phthalate	500	100	<0.048	U	<0.047	U	<0.046	U	<0.042	U	<0.046	U	<0.044	U	<0.044	U	<0.046	U
Fluoranthene	500	100	<0.026	U	<0.026	U	<0.025	U	<0.023	U	<0.025	U	<0.024	U	<0.024	U	<0.025	U
Fluorene	1.8	0.33	<0.022	U	<0.022	U	<0.021	U	<0.019	U	<0.022	U	<0.02	U	<0.021	U	<0.021	U
Hexachlorobenzene			<0.026	U	<0.025	U	<0.024	U	<0.022	U	<0.025	U	<0.023	U	<0.024	U	<0.025	U
Hexachlorobutadiene			<0.034	UJ	<0.033	U	<0.032	U	<0.029	U	<0.032	UJ	<0.03	UJ	<0.031	UJ	<0.032	UJ
Hexachlorocyclopentadiene			<0.21	U	<0.2	U	<0.2	U	<0.18	U	<0.2	UJ	<0.19	UJ	<0.19	UJ	<0.2	UJ
Hexachloroethane	37	1.4	<0.037	U	<0.036	U	<0.035	U	<0.032	U	<0.036	U	<0.034	U	<0.034	U	<0.036	U
Indeno(1,2,3-cd)pyrene			<0.032	U	<0.031	U	<0.03	U	<0.028	U	<0.031	U	<0.029	U	<0.03	U	<0.031	U
Isophorone			<0.03	U	<0.029	U	<0.028	U	<0.026	U	<0.029	U	<0.027	U	<0.028	U	<0.028	U
n-Nitrosodi-n-propylamine	500	100	<0.035	U	<0.034	U	<0.034	U	<0.031	U	<0.034	U	<0.032	U	<0.033	U	<0.034	U
Naphthalene			<0.028	U	<0.027	U	<0.026	U	<0.024	U	<0.027	U	<0.025	U	<0.026	U	<0.027	U
NDPA/DPA	8.9	1.8	<0.026	U	<0.025	U	<0.025	U	<0.023	U	<0.025	U	<0.024	U	<0.024	U	<0.025	U
Nitrobenzene			<0.034	U	<0.033	U	<0.032	U	<0.03	U	<0.033	U	<0.031	U	<0.031	U	<0.032	U
p-Chloro-m-cresol	6.9	1.3	<0.034	U	<0.033	U	<0.032	U	<0.03	U	<0.033	U	<0.031	U	<0.032	U	<0.033	U
Pentachlorophenol	47	4.9	<0.05	U	<0.049	U	<0.048	U	<0.044	U	<0.049	U	<0.046	U	<0.047	U	<0.048	U
Phenanthrene	500	100	<0.028	U	<0.027	U	<0.026	U	<0.024	U	<0.027	U	<0.025	U	<0.026	U	<0.027	U
Phenol	500	100	<0.034	U	<0.034	U	<0.033	U	<0.03	U	<0.033	U	<0.032	U	<0.032	U	<0.033	U
Pyrene			<0.023	U	<0.022	U	<0.022	U	<0.02	U	<0.022	U	<0.021	U	<0.021	U	<0.022	U
Total SVOCs			0.98	-	-	-	-	-	-	-	-	-	0.18	-	-	-	-	-
Total TICs			19.7	J	0.266	J	0.524	J	0.66	J	-		12.6	J	-		-	
GENERAL CHEMISTRY																			
Solids, Total			71.1		73.7		74.4		81.3		74.9		78.2		76.8		74.5		

NY-RESC: New York NYCRR Part 375 Commercial Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Notes:
NS = Not Sampled; Bold = Analyte was detected; "<" = Analyzed for but detected at or above the quantitation limit; J = Analyte detected below quantitation limit
Green Highlight = Analyte concentration exceeds Commercial SCOs; Yellow Highlight = Analyte concentration exceeds Restricted Residential SCOs

Table 5
Waste Disposal Summary
RFI-32AR Area Corrective Measures Excavation
Buffalo Color Corporation Area E Site (C915232)

Date	Weight Ticket #	Weight	UofM	Disposal Facility (a)
12/15/2025	ST# 1003639459	23.89	TON	Modern Landfill
12/15/2025	ST# 1003639480	29.14	TON	Modern Landfill
12/15/2025	ST# 1003639494	19.76	TON	Modern Landfill
12/15/2025	ST# 1003639524	27.55	TON	Modern Landfill
12/15/2025	ST# 1003639556	25.33	TON	Modern Landfill
12/15/2025	ST# 1003639615	23.31	TON	Modern Landfill
12/15/2025	ST# 1003639628	21.71	TON	Modern Landfill
12/15/2025	ST# 1003639642	22.22	TON	Modern Landfill
12/15/2025	ST# 1003639713	25.07	TON	Modern Landfill
12/15/2025	ST# 1003639719	19.72	TON	Modern Landfill
12/15/2025	ST# 1003639735	18.5	TON	Modern Landfill
12/16/2025	ST# 1003639857	24.35	TON	Modern Landfill
12/16/2025	ST# 1003639865	21.47	TON	Modern Landfill
12/16/2025	ST# 1003639926	25.23	TON	Modern Landfill
12/16/2025	ST# 1003639940	19.74	TON	Modern Landfill
12/16/2025	ST# 1003639952	20.21	TON	Modern Landfill
12/16/2025	ST# 1003640009	15.39	TON	Modern Landfill
12/16/2025	ST# 1003640033	19.98	TON	Modern Landfill
12/17/2025	ST# 1003640400	23.99	TON	Modern Landfill
12/17/2025	ST# 1003640415	22.56	TON	Modern Landfill
12/17/2025	ST# 1003640496	29.59	TON	Modern Landfill
12/17/2025	ST# 1003640504	26.76	TON	Modern Landfill
12/17/2025	ST# 1003640565	27.62	TON	Modern Landfill
12/18/2025	ST# 1003640788	21.45	TON	Modern Landfill
12/18/2025	ST# 1003640797	22.8	TON	Modern Landfill
12/18/2025	ST# 1003640804	9.74	TON	Modern Landfill
1/6/2026	ST# 1003644923	28.17	TON	Modern Landfill
1/6/2026	ST# 1003644938	26.9	TON	Modern Landfill
1/6/2026	ST# 1003645003	20.58	TON	Modern Landfill
1/6/2026	ST# 1003645077	23.09	TON	Modern Landfill
1/6/2026	ST# 1003645089	19.9	TON	Modern Landfill
1/6/2026	ST# 1003645174	7.18	TON	Modern Landfill
	Total:	**712.9**	**Tons**	

a/ Modern Landfill - 1445 Pletcher Rd., Model City, NY, 14107

Table 6
Backfill Material Import Summary
RFI-32AR Area Corrective Measures Excavation
Buffalo Color Corporation Area E Site (C915232)

Date	Weight Ticket #	Weight	UofM	Import Facility
Clay Backfill				
12/15/2025	3143187	22.57	Ton	Gernatt - Springville
12/15/2025	3143188	21.98	Ton	Gernatt - Springville
12/15/2025	3143190	22.15	Ton	Gernatt - Springville
12/15/2025	3143192	22.08	Ton	Gernatt - Springville
12/15/2025	3143193	21.83	Ton	Gernatt - Springville
12/15/2025	3143195	22.35	Ton	Gernatt - Springville
12/15/2025	3143199	22.00	Ton	Gernatt - Springville
12/15/2025	3143200	21.71	Ton	Gernatt - Springville
12/16/2025	3143235	21.34	Ton	Gernatt - Springville
12/16/2025	3143237	23.20	Ton	Gernatt - Springville
12/16/2025	3143240	21.44	Ton	Gernatt - Springville
12/16/2025	3143242	22.34	Ton	Gernatt - Springville
12/16/2025	3143246	21.71	Ton	Gernatt - Springville
12/16/2025	3143247	21.90	Ton	Gernatt - Springville
12/16/2025	3143253	22.34	Ton	Gernatt - Springville
12/16/2025	3143254	23.40	Ton	Gernatt - Springville
12/17/2025	3143259	21.01	Ton	Gernatt - Springville
12/17/2025	3143260	20.99	Ton	Gernatt - Springville
12/17/2025	3143263	22.12	Ton	Gernatt - Springville
12/17/2025	3143264	21.92	Ton	Gernatt - Springville
12/18/2025	3143301	20.27	Ton	Gernatt - Springville
12/18/2025	3143302	20.43	Ton	Gernatt - Springville
12/18/2025	3143305	20.46	Ton	Gernatt - Springville
1/6/2026	3143420	21.76	Ton	Gernatt - Springville
1/6/2026	3143421	22.47	Ton	Gernatt - Springville
1/6/2026	3143422	21.03	Ton	Gernatt - Springville
1/6/2026	3143428	21.39	Ton	Gernatt - Springville
1/6/2026	3143431	20.83	Ton	Gernatt - Springville
1/6/2026	3143434	22.44	Ton	Gernatt - Springville
	Total:	**631.46**	**Tons**	
Date	**Weight Ticket #**	**Weight**	**UofM**	**Import Facility**
Topsoil				
12/15/2025	3143187	22.57	Ton	Gernatt - Chaffee
12/15/2025	3143188	21.98	Ton	Gernatt - Chaffee
12/15/2025	3143190	22.15	Ton	Gernatt - Chaffee
	Total:	**66.70**	**Tons**	

Figures

		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	--	--
RFI-29 (Field Duplicate Results in Parenthetical)	8/17/2022	2.7	<1.0	3.2	0.9 J	24	30.8	10.5 J
	12/6/2022	5.2	1	5.3	0.84 J	35	47.34	5.4
	2/2/2023	4.3	0.84 J	4.5	0.46 J	28	38.5	3.9
	6/29/2023	3.5	<0.78	3.9	<0.41	22	29.4	3.37
	ORC-A Application - No Sample Q3 2023							
	12/14/2023	2.7	<0.78	3	<0.41	14	19.7	2.03 J
	3/14/2024	3.7	<0.78	3.4	<0.41	31	38.1	0.63 J
	5/30/2024	4.9	<0.78	3.8	<0.41	29	38.14	0
	9/9/2024	2.4	<0.78	2.9	<0.41	16	21.3	1.34 BJ
	12/16/2024	3.7	<0.78	3.1	<0.41	15	21.8	0.75 J
	3/19/2025	3.3	<0.78	2.5	<0.41	13	18.8	132 J
	5/27/2025	7.1	<0.78	4	<0.41	20	31.1	0.99 J
	9/24/2025	11 (10)	1 (0.99)	5.3 (5.4)	1.1 (0.6)	30 (30)	48.4 (47.0)	0.85 J (0)

		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	--	--
MW-E05 (Field Duplicate Results in Parenthetical)	8/17/2022	<1.0	<1.0	1.1	9.2	1600	1610.3	0
	12/6/2022	<0.79	<0.78	<0.84	<0.41	3	3	0
	2/2/2023	<0.79 (<0.79)	<0.78 (<0.78)	<0.84 (<0.84)	<0.41 (<0.41)	4 (4.4)	4 (4.4)	0 (0)
	6/29/2023	<0.79	<0.78	<0.84	1.2	170	171.2	0
	12/14/2023	<0.79	<0.78	<0.84	<0.41	1	1	0
	3/14/2024	<0.79	<0.78	<0.84	<0.41	3.8	3.8	0
	5/30/2024	<0.79	<0.78	<0.84	<0.41	1.3	1.3	0
	9/9/2024	<0.79	<0.78	<0.84	<0.41	<0.75	0.0	0.62 BJ
	12/16/2024	<0.79	<0.78	<0.84	<0.41	<0.75	0.0	0
	3/29/2025	<0.79	<0.78	<0.84	<0.41	<0.75	0.0	0
	5/27/2025	<0.79	<0.78	<0.84	<0.41	3.7	3.7	0
	9/24/2025	<0.79	<0.78	<0.84	1.1 J	81	82.1 J	0

		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	--	--
RFI-32AR (Field Duplicate Results in Parenthetical)	Q3 2021 through Q2 2022 - Well Abandoned for Relocation							
	8/17/2022	730 (<2500)	120 (<2500)	1700 (<2500)	110 (<2500)	170000 (190000)	173123 (190000)	504.4 J (657.15 J)
	12/6/2022	<3200	<3100	<3400	<1600	130000	130000	190
	2/2/2023	<3200	<3100	<3400	<1600	150000	150000	210
	6/29/2023	180	31	<3400	43	150000 F1	150418.3	78 J
	9/15/2023	<3200 (<3200)	<3100 (<3100)	<3400 (<3400)	<1600 (<1600)	120000 (<120000)	120000	86 J
	12/14/2023	<3200	<3100	<3400	<1600	120000	120000	140
	3/14/2024	<3200 (<3200)	<3100 (<3100)	<3400 (<3400)	<1600 (<1600)	170000 (15000)	170000	130
	5/30/2024	<3200	<3100	<3400	<1600	140000	140000	83
	9/9/2024	<3200	<3100	<3400	<1600	110000	110000	66
	12/16/2024	<3200	<3100	<3400	<1600	110000	110000	94 J
	3/19/2025	<3200	<3100	<3400	<1600	130000	130000	47 J
	5/27/2025	<3200	<3100	<3400	<1600	180000	32000	84 J
	9/24/2025	<3200	<3100	<3400	<1600	140000	140000	65 J

		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	--	--
RFI-32A (Field Duplicate Results in Parenthetical)	5/27/2020	<50	<50	<50	<50	4200	4200	10.16
	8/11/2020	<50	<50	<50	<50	3300	3300	24.24
	11/4/2020	<10	<10	<10	<10	590	590	1.4J
	3/9/2021	<10	<10	<10	6.5J	1,700	1715.1J	18.5J
	5/24/2021	<1	<1	1.8	14	5400	5421.8J	3.2 J
	Q2 2021 - Well Abandoned for Relocation - ORC-A Mixed in Excavation Backfill							

Turf Athletic Field

Approximate Limits 2011 Remedial Excavation

Concrete Wall

Gate

Gate

RFI-29

MW-E05

RFI-32A (Abandoned)

RFI-32AR

Dugout

36" R.C.P. BSA Sewer Lateral (Approx.)

N

1" = 40'

40' 20' 0' 40'

B

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RFI-32AR Groundwater Sampling Results

BUFFALO COLOR CORPORATION
SITE AREA E
100 LEE STREET (F/K/A 85 LEE STREET) ET. AL.
BUFFALO, NY

INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170

FIGURE 1

DRAWING NUMBER

● Post-Remedial Action Sample Location

E1-RS4 - Location ID
(2 - 4 ') - Sample Depth
2,410 - Chlorobenzene Concentration (ug/Kg)

Note:

1. Post-remedial action sample locations and remedial excavation limits are approximate as shown. Location and data from November 2011 Final Engineering Report (FER). Samples collected between 2009 and 2010.
2. Only Chlorobenzene data is shown. ND = not detect above reporting limit shown.
3. Commercial Use SCO = 500,000 ug/Kg
   Restricted-Residential Use SCO = 100,000 ug/Kg
   Protection of Groundwater Use SCO = 1,100 ug/Kg

Turf Athletic Field

Approximate Limits 2011 Remedial Excavation

Concrete Wall

Gate

Gate

RFI-29

MW-E05

RFI-32AR

RFI-32A (Abandoned)

Dugout

Turf Athletic Field

36" R.C.P. BSA Sewer Lateral (Approx.)

DDE-04 (8 - 10 ') 66,000

E1-RB6 (2 - 4 ') 12,500

PDI-E14 (5 - 7 ') 38,000

DDE-04 (5 - 7 ') 460,000

DDE-05 (10 - 12 ') 47,000

E1-RB4 (2 - 4 ') 1,160

E1-RS2 (2 - 4 ') 2,000

E1-RB1 (2 - 4 ') 7,260

E1-RS3 (2 - 4 ') 57,300

E1-RS4 (2 - 4 ') 2,410

CS-26 (2 - 3 ') 4,100

E1-RS5 (2 - 4 ') 97

E1-RB5 (2 - 4 ') 3,650

E1-RS8 (2 - 4 ') 5,710

PDI-E06 (3 - 4 ') 1,200

E1-RS13 (2 - 4 ') 106

DDE-E06 (6-8') 340,000

E1-RS26 (2 - 4 ') <5.05

TP-4a Screening (7/9/2025)		
Depth (Feet BGS)	PID (ppm)	Chlorobenzene (ug/kg)
0-7	0	

TP-4b Screening (7/9/2025)		
Depth (Feet BGS)	PID (ppm)	Chlorobenzene (ug/kg)
0-2	6.5	
2-5	48.9	
5-6	180	53

TP-3 Screening (7/9/2025)		
Depth (Feet BGS)	PID (ppm)	Chlorobenzene (ug/kg)
0-2	0	
2-2.5	0	
2.5-5	88.5	
5-6	270.3	
6-7.5	70.3	
7.5-9	82.5	13,000
9-10	223.4	

RFI-32AR PID Readings (7/01/2022)	
Depth (Feet BGS)	PID (pppm)
0-1	0.2
1-2	7.1
3-4	24.1
4-5	30.2
5-6	229.3
7-8	256.4
9-10	365
10-11	37

TP-1 Screening (7/8/2025)		
Depth (Feet BGS)	PID (ppm)	Chlorobenzene (ug/kg)
0-2.5	36.7	
2.5-3	18.2	
3-4	27.8	
4-5	2,120	
5-6	15,000	1,800,000
6-7	11,000	
7-7.5	775	
7.5-8	347	
8-8.5	108	
8.5-9	226	
9-10	309	
10-11	86	

TP-2 Screening (7/8/2025)		
Depth (Feet BGS)	PID (ppm)	Chlorobenzene (ug/kg)
0-2	<10	
2-5	108.2	
5-6	30.2	250,000
6-8	13	
8-10	18	

N

1" = 40'

40' 20' 0' 40'

B

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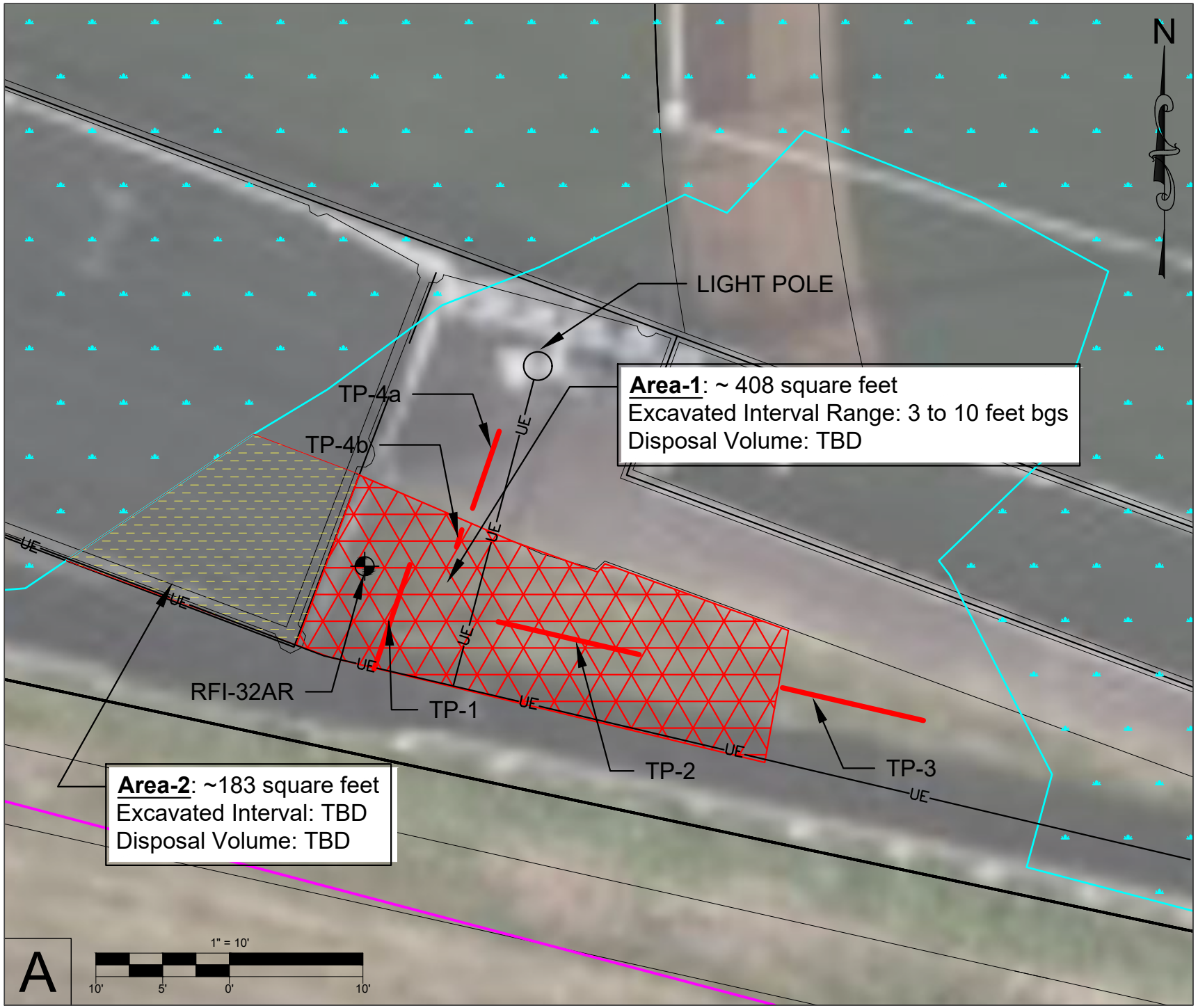
2011 Remedial Excavation Record Sample Results and RFI-32AR Field Screening

BUFFALO COLOR CORPORATION
SITE AREA E
100 LEE STREET (F/K/A 85 LEE STREET) ET. AL.
BUFFALO, NY

INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170

FIGURE 2

DRAWING NUMBER



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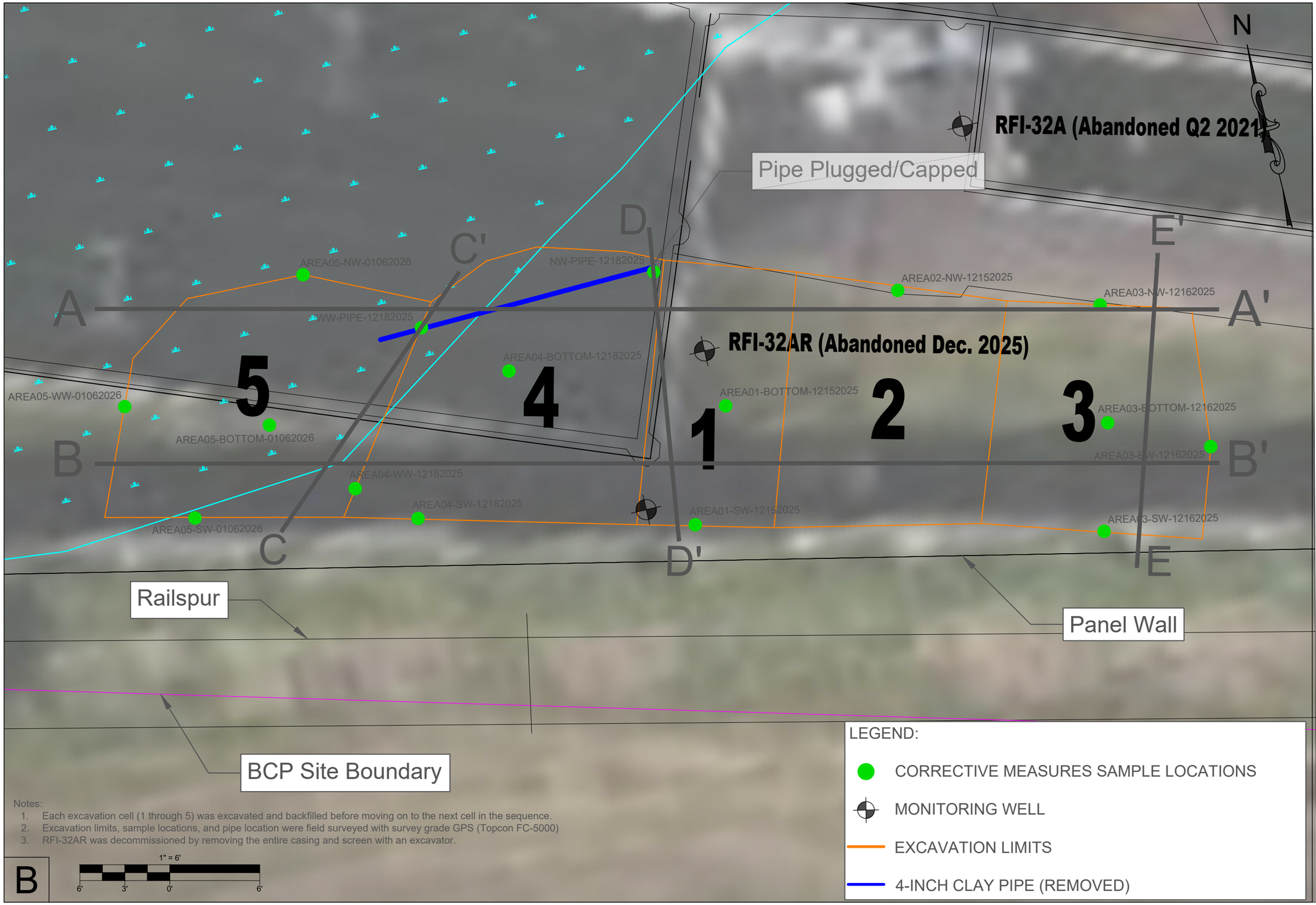
PROPOSED CORRECTIVE MEASURES EXCAVATION AREA
BUFFALO COLOR COPORATION SITE
AREA E
BCP SITE NO. C915232

INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170
(703) 722-6049
www.InventumEng.com

FIGURE 3

DRAWING NUMBER



Notes:
1. Each excavation cell (1 through 5) was excavated and backfilled before moving on to the next cell in the sequence.
2. Excavation limits, sample locations, and pipe location were field surveyed with survey grade GPS (Topcon FC-5000)
3. RFI-32AR was decommissioned by removing the entire casing and screen with an excavator.

B

1" = 6'

6' 3' 0' 6'

LEGEND:

- CORRECTIVE MEASURES SAMPLE LOCATIONS
- MONITORING WELL
- EXCAVATION LIMITS
- 4-INCH CLAY PIPE (REMOVED)

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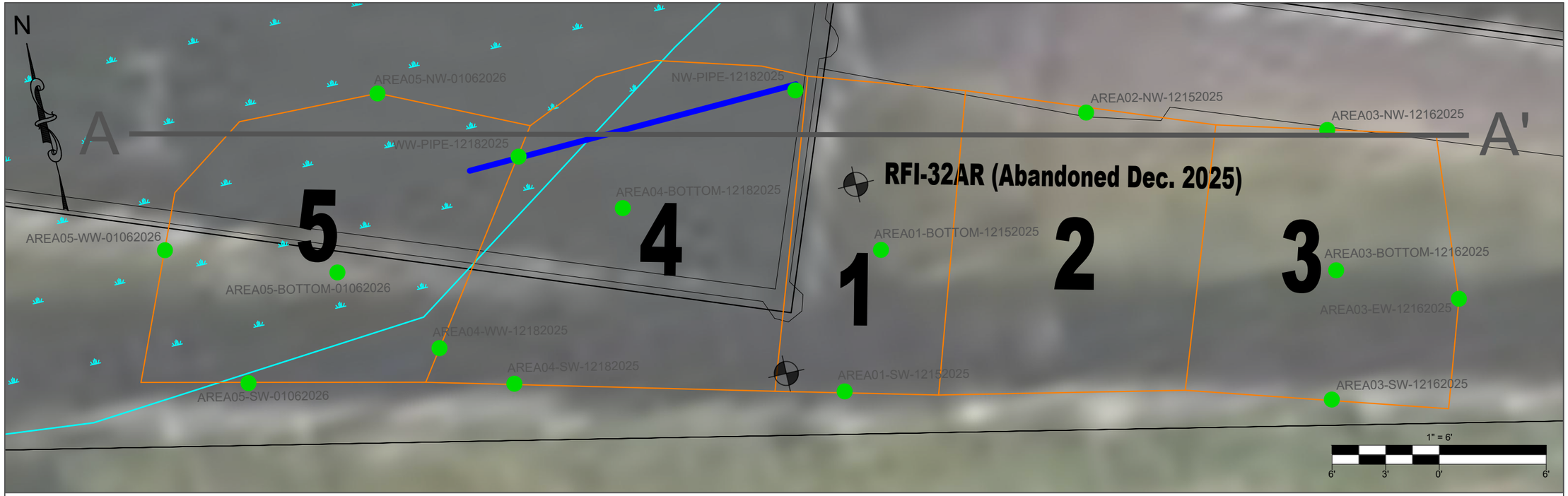
CORRECTIVE MEASURES
EXCAVATION LIMITS - PLAN VIEW
BUFFALO COLOR CORPORATION
SITE AREA E

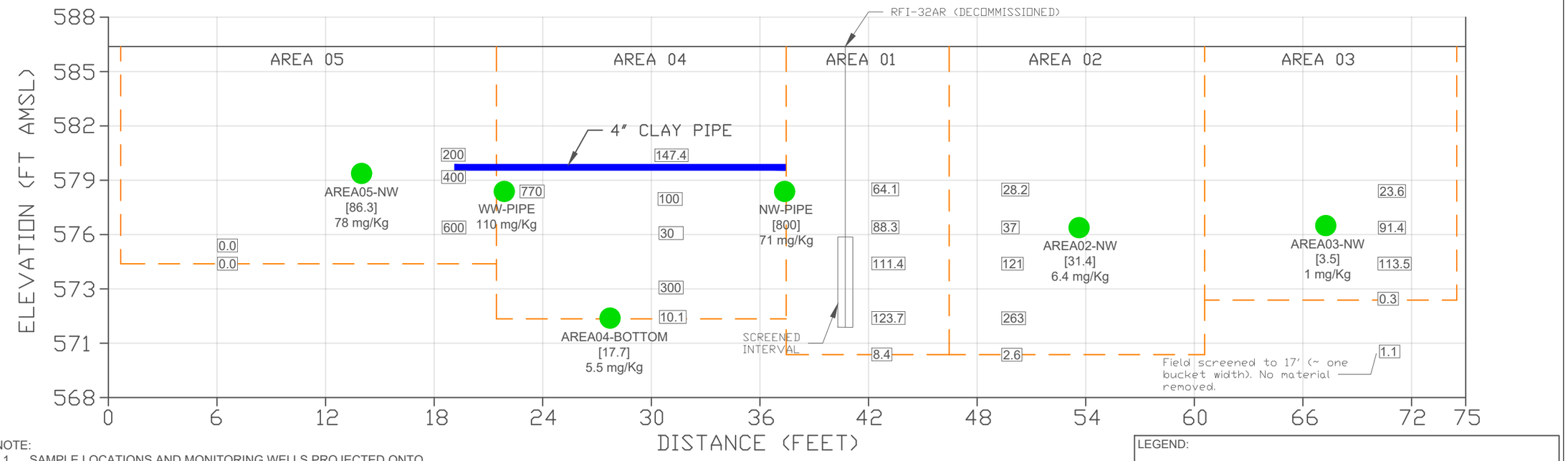
100 LEE STREET (F/K/A 85 LEE STREET) ET. AL.
BUFFALO, NY

INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170

FIGURE 4

DRAWING NUMBER





NOTE:
1. SAMPLE LOCATIONS AND MONITORING WELLS PROJECTED ONTO SECTIONS IF WITHIN 5-FEET OF CROSS SECTION LINE.
2. "ND" MEANS THE SAMPLE WAS NON-DETECT FOR CHLOROBENZENE.

LEGEND:
- EXCAVATION LIMITS
- AREA03-BOTTOM [0.7] 2.9 mg/Kg — SAMPLE LOCATION, ID, [SAMPLE PID],CHLOROBENZENE CONCENTRATION
- 8.4 — FIELD PID MEASUREMENTS

VERTICAL SCALE 1" = 6' (6' 3' 0' 6')

HORIZONTAL SCALE 1" = 6' (6' 3' 0' 6')

B

DRAWING BY	CB
CHECKED	TW
APPROVED	

PROPERTY OF INVENTUM ENGINEERING

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CORRECTIVE MEASURES
EXCAVATION - CROSS SECTION
(A-A')

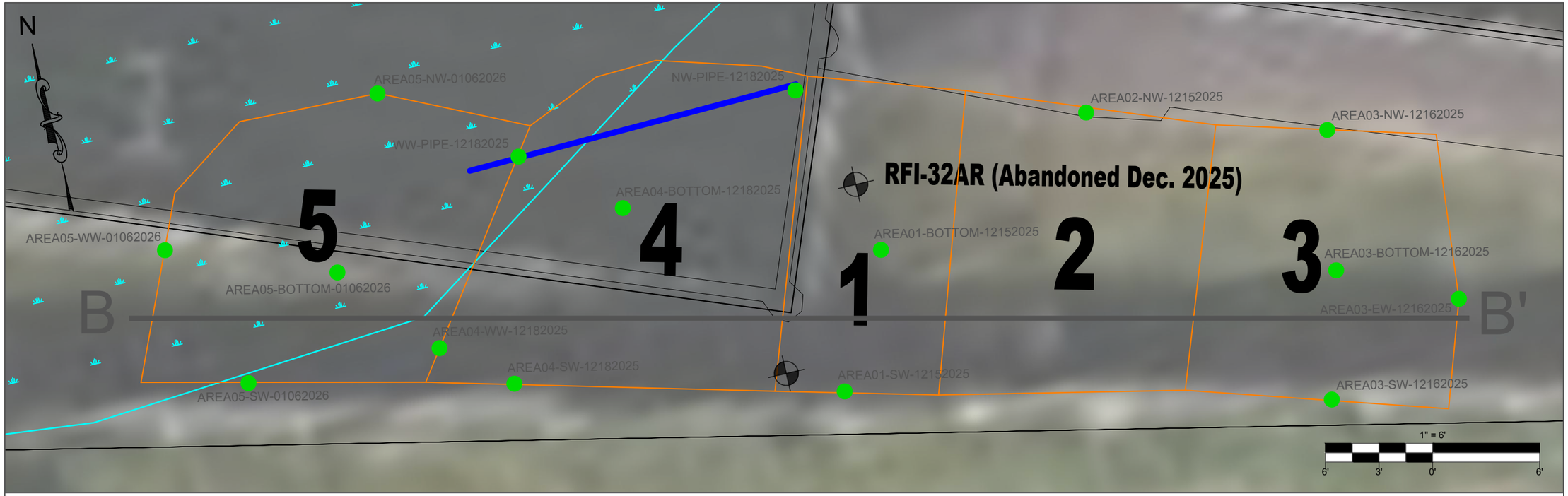
BUFFALO COLOR CORPORATION
SITE AREA E

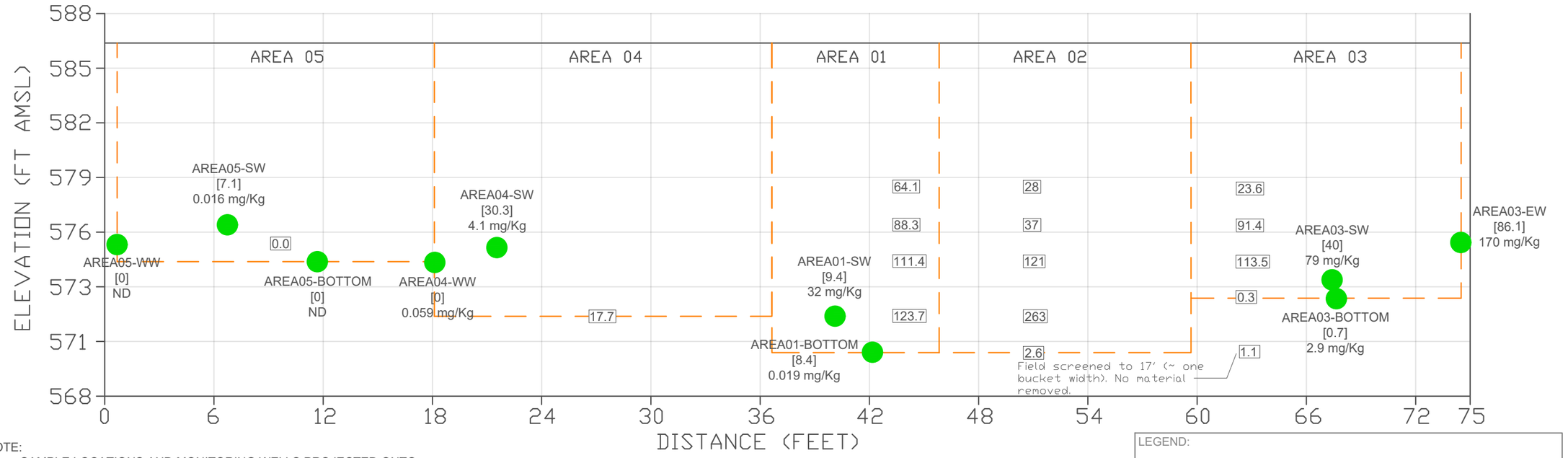
100 LEE STREET (F/K/A 85 LEE STREET) ET. AL.
BUFFALO, NY

INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170

FIGURE 5

DRAWING NUMBER





NOTE:
1. SAMPLE LOCATIONS AND MONITORING WELLS PROJECTED ONTO SECTIONS IF WITHIN 5-FEET OF CROSS SECTION LINE.
2. "ND" MEANS THE SAMPLE WAS NON-DETECT FOR CHLOROBENZENE.

B

VERTICAL SCALE
1" = 6'
6' 3' 0' 6'

HORIZONTAL SCALE
1" = 6'
6' 3' 0' 6'

LEGEND:
- EXCAVATION LIMITS
- AREA03-BOTTOM [0.7] 2.9 mg/Kg — SAMPLE LOCATION, ID, [SAMPLE PID],CHLOROBENZENE CONCENTRATION
- 8.4 — FIELD PID MEASUREMENTS

DRAWING BY: CB
CHECKED: TW
APPROVED:

PROPERTY OF INVENTUM ENGINEERING

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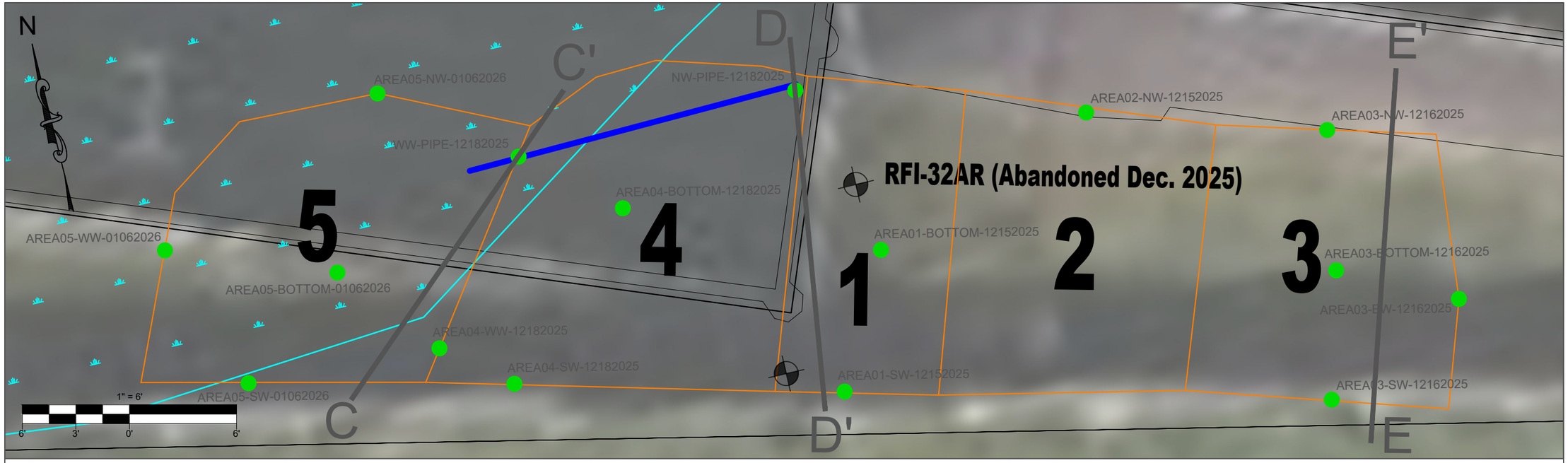
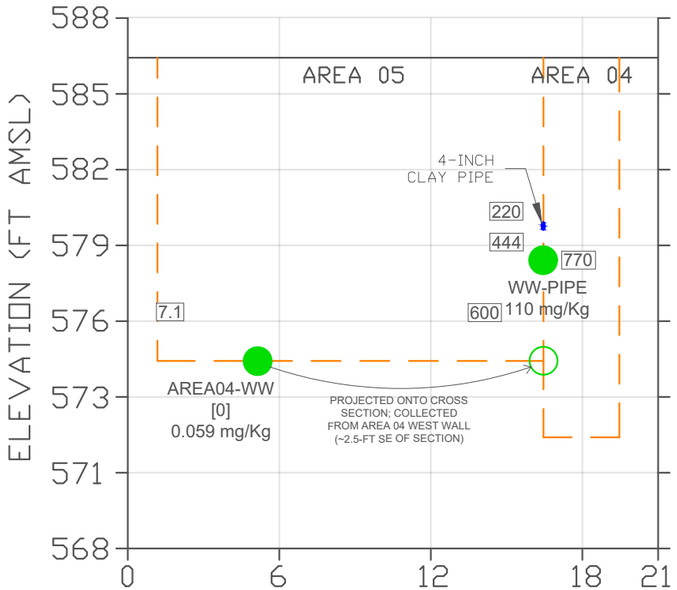
CORRECTIVE MEASURES
EXCAVATION - CROSS SECTION
(B-B')
BUFFALO COLOR CORPORATION
SITE AREA E
100 LEE STREET (F/K/A 85 LEE STREET) ET. AL.
BUFFALO, NY

INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170

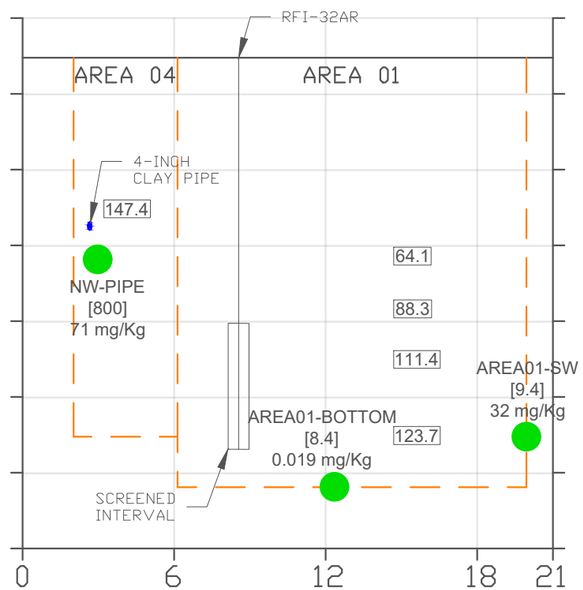
FIGURE 6
DRAWING NUMBER



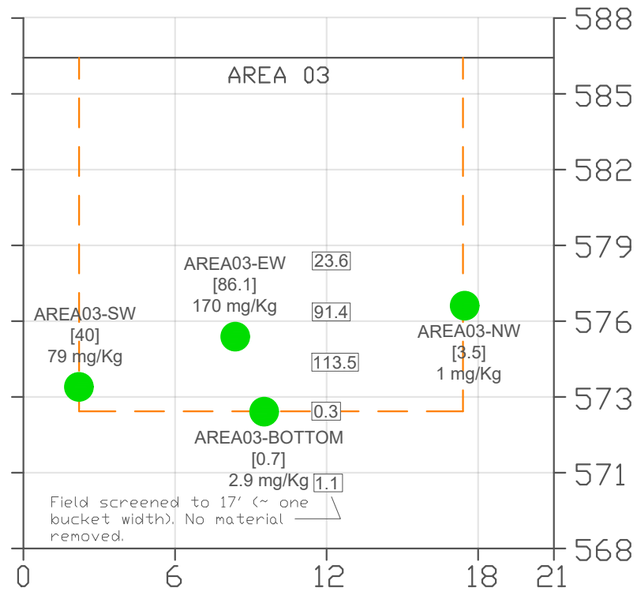
CROSS SECTION C-C'



CROSS SECTION D-D'



CROSS SECTION E-E'



NOTE:
1. SAMPLE LOCATIONS AND MONITORING WELLS PROJECTED ONTO SECTIONS IF WITHIN 5-FEET OF CROSS SECTION LINE.
2. "ND" MEANS THE SAMPLE WAS NON-DETECT FOR CHLOROBENZENE.

LEGEND:
- EXCAVATION LIMITS
- AREA03-BOTTOM [0.7] 2.9 mg/Kg — SAMPLE LOCATION, ID, [SAMPLE PID],CHLOROBENZENE CONCENTRATION
- 8.4 — FIELD PID MEASUREMENTS

B

VERTICAL SCALE 1" = 6' (6' 3' 0' 6')

HORIZONTAL SCALE 1" = 6' (6' 3' 0' 6')

DRAWING BY	CB
CHECKED	TW
APPROVED	

PROPERTY OF INVENTUM ENGINEERING

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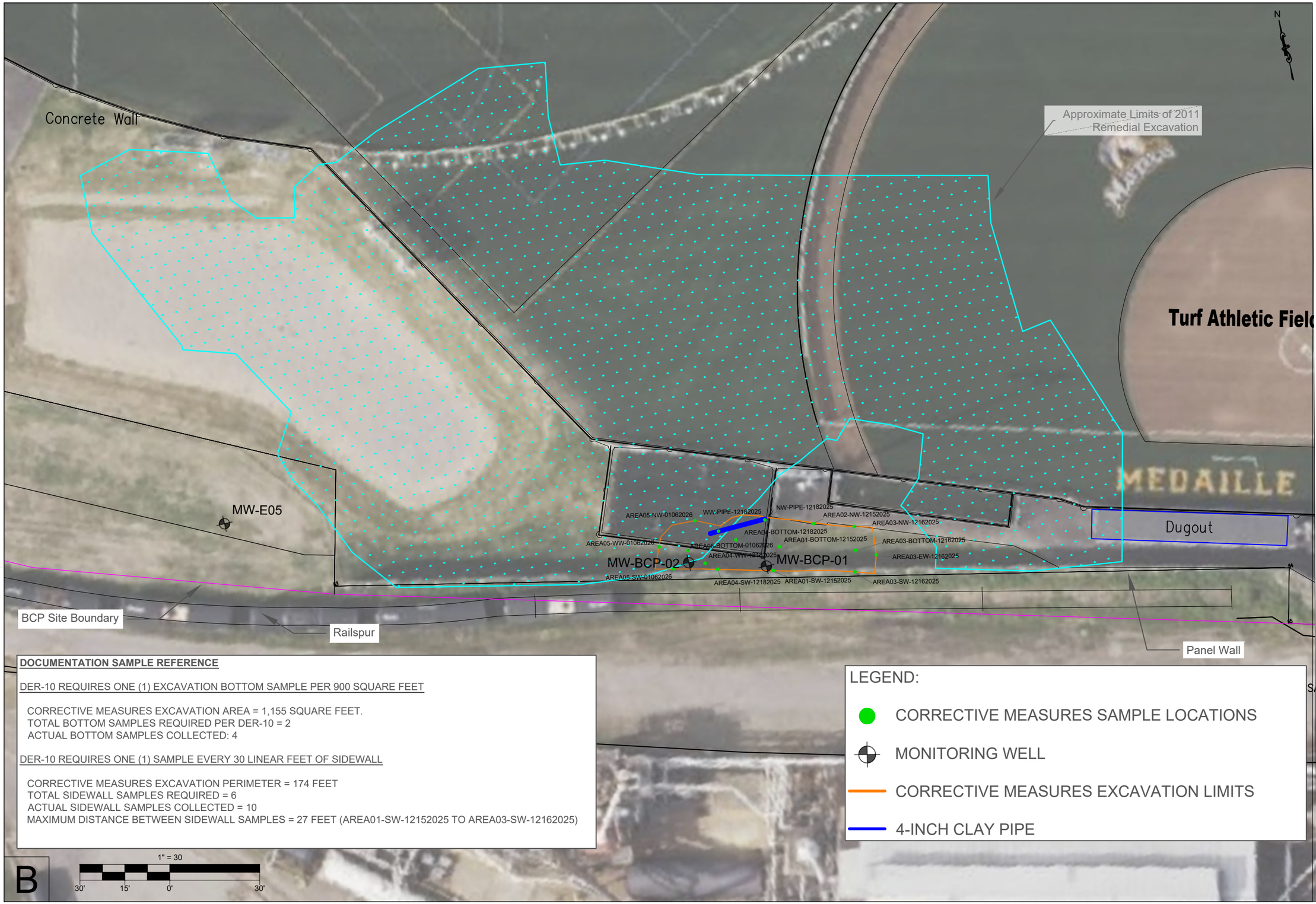
CORRECTIVE MEASURES
EXCAVATION - CROSS SECTIONS
(C-C', D-D', E-E')
BUFFALO COLOR CORPORATION
SITE AREA E
100 LEE STREET (F/K/A 85 LEE STREET) ET. AL.
BUFFALO, NY

INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170

FIGURE 7

DRAWING NUMBER



DOCUMENTATION SAMPLE REFERENCE

DER-10 REQUIRES ONE (1) EXCAVATION BOTTOM SAMPLE PER 900 SQUARE FEET

CORRECTIVE MEASURES EXCAVATION AREA = 1,155 SQUARE FEET.
TOTAL BOTTOM SAMPLES REQUIRED PER DER-10 = 2
ACTUAL BOTTOM SAMPLES COLLECTED: 4

DER-10 REQUIRES ONE (1) SAMPLE EVERY 30 LINEAR FEET OF SIDEWALL

CORRECTIVE MEASURES EXCAVATION PERIMETER = 174 FEET
TOTAL SIDEWALL SAMPLES REQUIRED = 6
ACTUAL SIDEWALL SAMPLES COLLECTED = 10
MAXIMUM DISTANCE BETWEEN SIDEWALL SAMPLES = 27 FEET (AREA01-SW-12152025 TO AREA03-SW-12162025)

LEGEND:

- CORRECTIVE MEASURES SAMPLE LOCATIONS
- MONITORING WELL
- CORRECTIVE MEASURES EXCAVATION LIMITS
- 4-INCH CLAY PIPE

DRAWING BY: CB
CHECKED: TW
APPROVED:

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CORRECTIVE MEASURES EXCAVATION SUMMARY

BUFFALO COLOR CORPORATION
SITE AREA E

100 LEE STREET (F/K/A 85 LEE STREET) ET. AL.
BUFFALO, NY

INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170

FIGURE 8

DRAWING NUMBER

1" = 100'

100' 50' 0' 100'

Elk Street (66' Wide)

Concrete Wall
Concrete Walk
2 Story Brick Building
2 Story Metal Building
Asphalt Parking Lot
Gate
Dugout
Bleachers
Concrete Wall
Turf Athletic Field
Yellow Line
Concrete Curb
White Line
Bleachers
Concrete Curb
White Line
Turf Athletic Field
Horseshoe Pits
Concrete Walk
Dry Detention Pond
Rip Rap
Rip Rap
Asphalt Parking
Crosswalk
Concrete Walk
Detectable Curb
1 Story Metal & Stone Building
Concrete Walk
Grass
Concrete Curb
Asphalt Drive
Dumpster Pad
Concrete Curb
1-Foot Commercial Vegegative Cover
Orlando Street (50' Wide)
West Lee Circle Street
reboard
Gate
Gate
Gate
Gate
Dugout
Bleachers

RFI-33

		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	--	--
RFI-33	9/24/2025	<0.79	<0.78	<0.84	0.63 J	1.5	2.13 J	0.44 J
	12/11/2025	<0.79	<0.78	<0.84	<0.41	<0.75	0	0
	3/4/2026	<0.79	<0.78	<0.84	<0.41	<0.75	0	0

RFI-29

		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	--	--
RFI-29	9/24/2025	11 (10)	1 (0.99 J)	5.3 (5.4)	1.1 (0.6 J)	30 (30)	48.4 (46.99 J)	0.85 J (0)
	12/11/2025	8.1 (7.8)	0.94 J (0.93 J)	5.1 (4.9)	<0.41 (<0.41)	21 (20)	35.14 J (33.63 J)	0 (0)
	3/4/2026	5.5	<0.78	4.3	<0.41	16	25.8	0

MW-E05

		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	--	--
MW-E05	9/24/2025	<0.79	<0.78	<0.84	1.1 J	81	82.1 J	0
	12/11/2025	<0.79	<0.78	<0.84	<0.41	1.5	1.5	0
	3/4/2026	<0.79	<0.78	<0.84	<0.41	<0.75	0.0	0

RFI-32AR (Abandoned Dec. 2025)

		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	--	--
RFI-32AR	9/24/2025	<3200	<3100	<3400	<1600	140000	140000	65 J
	12/11/2025	<3200	<3100	<3400	<1600	110000	110000	51
	3/4/2026	Well Abandoned For Corrective Measures Excavation						

MW-BCP-02

		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	--	--
MW-BCP-02	3/4/2026	<1.6 (<1.6)	<1.6 (<1.6)	<1.7 (<1.7)	<0.82 (<0.82)	20 (32)	20 (32)	1.67 J (1.64 J)

MW-BCP-01

		1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Benzene	Chlorobenzene	Total TCL VOCs	Total TCL SVOCs
Class GA Standard**		3	3	3	1	5	--	--
MW-BCP-01	3/4/2026	1.8 J	<1.6	<1.7	<0.82	17	62.8 J	1 J

R-05 R-06 R-04 R-02 R-12

LEGEND:

MONITORING WELL IN SMP

AREA E BOUNDARY

True North at 78°35' Meridian of West Longitude

B

DRAWING BY

CHECKED

APPROVED

PROPERTY OF INVENTUM ENGINEERING

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POST-EXCAVATION GROUNDWATER DATA SUMMARY

BUFFALO COLOR CORPORATION
SITE AREA E

100 LEE STREET (F/K/A 85 LEE STREET) ET. AL.
BUFFALO, NY

INVENTUM ENGINEERING
441 CARLISLE DRIVE
SUITE C
HERNDON, VIRGINIA 20170

FIGURE 9

DRAWING NUMBER

Appendix A1 – RFI-32AR Boring and Well Construction Logs

Inventum Engineering
441 Carlisle Drive; Suite C
Herndon, VA 20170

BORING NO. RFI-32AR SHEET 1 OF 1
PROJECT Buffalo Color Corporation - Area E - C915232
LOCATION 100 Lee Street
DATUM
LOGGED BY Peter Zaffram

COORDINATES N **1044114.32** E **1079213.55**
SURFACE ELEVATION **586.43**

SAMPLE INFORMATION					STRATA	DESCRIPTION	WELL CONSTRUCTION DETAIL	ELEVATION FEET
DEPTH FEET	LAB SAMPLE	BLOW COUNTS	Recovery %	PID (ppm)				
				0.2		Topsoil, loose, brown, some gravel (fine - coarse), low moisture	**Casing Elevation 585.66**	
				7.1		Silty Clay, brown mottled, soft, medium placticity, low moisture, slight odor		
				24.1				
				30.2				
5				229.3				
						Black silty Clay, soft, medium plasticity, low moisture, strong odor		
				256.4				
						Grey silty clay, soft, medium plasticity, low moisture, strong odor		
				365				
10						Red-brown Clay, medium stiff, medium plasticity, moist, with trace fine grain sand, slight odor		
15								
				37				

DRILLING CONTRACTOR TREC Environmental
DRILLING METHOD Direct Push/HSA
DRILLING EQUIPMENT GeoProbe 6620DT
DRILLING STARTED 7/1/22 ENDED 7/1/22

REMARKS

LOG A EWNN03 - LOG A EWNN03.GDT - 11/3/22 14:15 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINTCL\PROJECTS\SBD_AREA E.GPJ

Appendix A2 – RFI-32AR Decommissioning Log

FIGURE 3

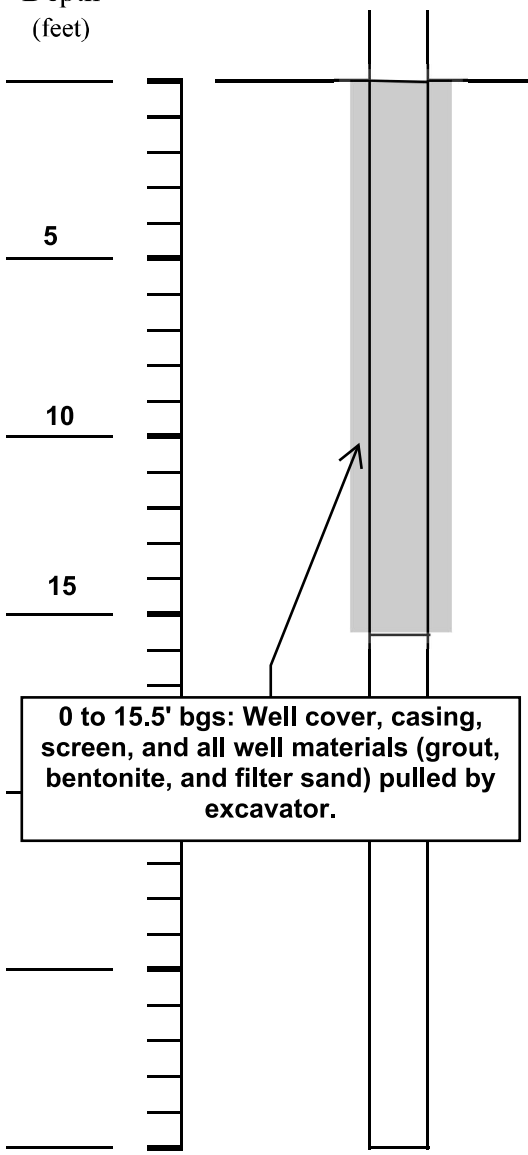
WELL DECOMMISSIONING RECORD

Site Name: **Buffalo Color Corporation Area E Site - C915232**	Well I.D.: **RFI-32AR**
Site Location: **100 Lee Street (f/k/a 85 Lee**	Driller: **N/A**
Drilling Co.: **N/A**	Inspector: **Peter Zaffram - Inventum**
	Date: **12/15/2025**

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING **N/A**	
Interval Drilled	
Drilling Method(s)	
Borehole Dia. (in.)	
Temporary Casing Installed? (y/n)	
Depth temporary casing installed	
Casing type/dia. (in.)	
Method of installing	
CASING PULLING **N/A**	
Method employed	
Casing retrieved (feet)	
Casing type/dia. (in)	
CASING PERFORATING **N/A**	
Equipment used	
Number of perforations/foot	
Size of perforations	
Interval perforated	
GROUTING **N/A**	
Interval grouted (FBLS)	
# of batches prepared	
For each batch record:	
Quantity of water used (gal.)	
Quantity of cement used (lbs.)	
Cement type	
Quantity of bentonite used (lbs.)	
Quantity of calcium chloride used (lbs.)	
Volume of grout prepared (gal.)	
Volume of grout used (gal.)	

WELL SCHEMATIC*



COMMENTS:

Monitoring well decommissioned by pulling all well materials with an excavator.

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

Appendix B – RFI-32 AR Cuttings – Waste Characterization Laboratory Data Report

ANALYTICAL REPORT

Lab Number:	L2235405
Client:	Inventum Engineering 441 Carlisle Drive Suite C Herndon, NY 20170
ATTN:	Todd Waldrop
Phone:	(571) 752-6562
Project Name:	SOUTH BUFFALO DEVELOPMENT LLC
Project Number:	WELL INSTALL
Report Date:	07/26/22

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: SOUTH BUFFALO DEVELOPMENT LLC
Project Number: WELL INSTALL

Lab Number: L2235405
Report Date: 07/26/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2235405-01	WELL CUTTINGS-07012022	SOIL	140 LEE STREET BUFFALO NY	07/01/22 12:00	07/01/22

Project Name:	SOUTH BUFFALO DEVELOPMENT LLC	**Lab Number:**	L2235405
Project Number:	WELL INSTALL	**Report Date:**	07/26/22

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	SOUTH BUFFALO DEVELOPMENT LLC	**Lab Number:**	L2235405
Project Number:	WELL INSTALL	**Report Date:**	07/26/22

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

TCLP Semivolatiles

L2235405-01: The sample was extracted with the method required holding time exceeded.

TCLP Pesticides

L2235405-01: The sample was extracted with the method required holding time exceeded, due to a laboratory oversight.

TCLP Herbicides

L2235405-01: The sample was extracted with the method required holding time exceeded, due to a laboratory oversight.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 07/26/22

ORGANICS

VOLATILES

Project Name: SOUTH BUFFALO DEVELOPMENT LLC **Lab Number:** L2235405

Project Number: WELL INSTALL **Report Date:** 07/26/22

SAMPLE RESULTS

Lab ID: L2235405-01
Client ID: WELL CUTTINGS-07012022
Sample Location: 140 LEE STREET BUFFALO NY

Date Collected: 07/01/22 12:00
Date Received: 07/01/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/07/22 12:09
Analyst: MKS
Percent Solids: 83%
TCLP/SPLP Ext. Date: 07/06/22 10:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	1.8	J	ug/l	5.0	1.8	10
Chlorobenzene	3800	E	ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	ND		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	690		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	87		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	93		70-130
dibromofluoromethane	101		70-130

Project Name: SOUTH BUFFALO DEVELOPMENT LLC **Lab Number:** L2235405

Project Number: WELL INSTALL **Report Date:** 07/26/22

SAMPLE RESULTS

Lab ID: L2235405-01 D
Client ID: WELL CUTTINGS-07012022
Sample Location: 140 LEE STREET BUFFALO NY

Date Collected: 07/01/22 12:00
Date Received: 07/01/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 07/11/22 12:01
Analyst: MM
Percent Solids: 83%
TCLP/SPLP Ext. Date: 07/06/22 10:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chlorobenzene	4500		ug/l	25	8.9	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
dibromofluoromethane	107		70-130

Project Name: SOUTH BUFFALO DEVELOPMENT LLC **Lab Number:** L2235405

Project Number: WELL INSTALL **Report Date:** 07/26/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/07/22 11:01
Analyst: MKS
TCLP/SPLP Extraction Date: 07/06/22 10:49

Extraction Date: 07/06/22 10:49

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1661174-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	97		70-130
dibromofluoromethane	109		70-130

Project Name: SOUTH BUFFALO DEVELOPMENT LLC **Lab Number:** L2235405

Project Number: WELL INSTALL **Report Date:** 07/26/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/11/22 11:38
Analyst: MM
TCLP/SPLP Extraction Date: 07/06/22 10:49

Extraction Date: 07/06/22 10:49

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1661562-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	98		70-130
dibromofluoromethane	106		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT LLC

Project Number: WELL INSTALL

Lab Number: L2235405

Report Date: 07/26/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1661174-3 WG1661174-4								
Chloroform	91		92		70-130	1		20
Carbon tetrachloride	96		100		63-132	4		20
Tetrachloroethene	93		93		70-130	0		20
Chlorobenzene	92		94		75-130	2		25
1,2-Dichloroethane	89		89		70-130	0		20
Benzene	93		94		70-130	1		25
Vinyl chloride	92		94		55-140	2		20
1,1-Dichloroethene	93		95		61-145	2		25
Trichloroethene	91		94		70-130	3		25
1,4-Dichlorobenzene	92		93		70-130	1		20
2-Butanone	74		73		63-138	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		98		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	96		96		70-130
dibromofluoromethane	101		103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT LLC
Project Number: WELL INSTALL

Lab Number: L2235405
Report Date: 07/26/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1661562-3 WG1661562-4								
Chloroform	95		96		70-130	1		20
Carbon tetrachloride	100		100		63-132	0		20
Tetrachloroethene	100		99		70-130	1		20
Chlorobenzene	97		98		75-130	1		25
1,2-Dichloroethane	92		94		70-130	2		20
Benzene	96		97		70-130	1		25
Vinyl chloride	100		100		55-140	0		20
1,1-Dichloroethene	99		98		61-145	1		25
Trichloroethene	95		97		70-130	2		25
1,4-Dichlorobenzene	98		99		70-130	1		20
2-Butanone	85		84		63-138	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		99		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	97		98		70-130
dibromofluoromethane	103		103		70-130

SEMIVOLATILES

Project Name: SOUTH BUFFALO DEVELOPMENT LLC **Lab Number:** L2235405

Project Number: WELL INSTALL **Report Date:** 07/26/22

SAMPLE RESULTS

Lab ID: L2235405-01
Client ID: WELL CUTTINGS-07012022
Sample Location: 140 LEE STREET BUFFALO NY

Date Collected: 07/01/22 12:00
Date Received: 07/01/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 07/21/22 03:17
Analyst: CMM
Percent Solids: 83%
TCLP/SPLP Ext. Date: 07/18/22 10:37

Extraction Method: EPA 3510C
Extraction Date: 07/20/22 16:22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	10	3.4	1
2,4-Dinitrotoluene	ND		ug/l	25	1.9	1
Hexachlorobutadiene	ND		ug/l	10	3.0	1
Hexachloroethane	ND		ug/l	10	2.2	1
Nitrobenzene	ND		ug/l	10	3.3	1
2,4,6-Trichlorophenol	ND		ug/l	25	2.5	1
Pentachlorophenol	ND		ug/l	50	9.8	1
2-Methylphenol	ND		ug/l	25	5.5	1
3-Methylphenol/4-Methylphenol	ND		ug/l	25	2.8	1
2,4,5-Trichlorophenol	ND		ug/l	25	1.9	1
Pyridine	ND		ug/l	18	4.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	55		10-120
Nitrobenzene-d5	55		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	71		33-120

Project Name: SOUTH BUFFALO DEVELOPMENT LLC **Lab Number:** L2235405

Project Number: WELL INSTALL **Report Date:** 07/26/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 07/21/22 02:06
Analyst: CMM
TCLP/SPLP Extraction Date: 07/16/22 18:09

Extraction Method: EPA 3510C
Extraction Date: 07/20/22 16:22

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1665360-1					
Hexachlorobenzene	ND		ug/l	10	3.4
2,4-Dinitrotoluene	ND		ug/l	25	1.9
Hexachlorobutadiene	ND		ug/l	10	3.0
Hexachloroethane	ND		ug/l	10	2.2
Nitrobenzene	ND		ug/l	10	3.3
2,4,6-Trichlorophenol	ND		ug/l	25	2.5
Pentachlorophenol	ND		ug/l	50	9.8
2-Methylphenol	ND		ug/l	25	5.5
3-Methylphenol/4-Methylphenol	ND		ug/l	25	2.8
2,4,5-Trichlorophenol	ND		ug/l	25	1.9
Pyridine	ND		ug/l	18	4.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		21-120
Phenol-d6	69		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	102		10-120
4-Terphenyl-d14	84		33-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT LLC
Project Number: WELL INSTALL

Lab Number: L2235405
Report Date: 07/26/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1665360-2 WG1665360-3								
Hexachlorobenzene	81		74		40-140	9		30
2,4-Dinitrotoluene	85		79		40-132	7		30
Hexachlorobutadiene	69		62		28-111	11		30
Hexachloroethane	65		60		21-105	8		30
Nitrobenzene	71		66		40-140	7		30
2,4,6-Trichlorophenol	86		78		30-130	10		30
Pentachlorophenol	90		81		9-103	11		30
2-Methylphenol	75		68		30-130	10		30
3-Methylphenol/4-Methylphenol	79		75		30-130	5		30
2,4,5-Trichlorophenol	86		79		30-130	8		30
Pyridine	12		16		10-66	29		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	82		75		21-120
Phenol-d6	76		71		10-120
Nitrobenzene-d5	75		69		23-120
2-Fluorobiphenyl	79		72		15-120
2,4,6-Tribromophenol	92		86		10-120
4-Terphenyl-d14	83		79		33-120

PCBS

Project Name: SOUTH BUFFALO DEVELOPMENT LLC **Lab Number:** L2235405

Project Number: WELL INSTALL **Report Date:** 07/26/22

SAMPLE RESULTS

Lab ID: L2235405-01
Client ID: WELL CUTTINGS-07012022
Sample Location: 140 LEE STREET BUFFALO NY

Date Collected: 07/01/22 12:00
Date Received: 07/01/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 07/19/22 11:47
Analyst: SDC
Percent Solids: 83%

Extraction Method: EPA 3546
Extraction Date: 07/17/22 20:08
Cleanup Method: EPA 3665A
Cleanup Date: 07/18/22
Cleanup Method: EPA 3660B
Cleanup Date: 07/18/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	39.6	3.52	1	A
Aroclor 1221	ND		ug/kg	39.6	3.97	1	A
Aroclor 1232	ND		ug/kg	39.6	8.39	1	A
Aroclor 1242	ND		ug/kg	39.6	5.34	1	A
Aroclor 1248	ND		ug/kg	39.6	5.94	1	A
Aroclor 1254	ND		ug/kg	39.6	4.33	1	A
Aroclor 1260	ND		ug/kg	39.6	7.32	1	A
Aroclor 1262	ND		ug/kg	39.6	5.03	1	A
Aroclor 1268	ND		ug/kg	39.6	4.10	1	A
PCBs, Total	ND		ug/kg	39.6	3.52	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	42		30-150	A
Decachlorobiphenyl	53		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	**374**	Q	30-150	B

Project Name: SOUTH BUFFALO DEVELOPMENT LLC
Project Number: WELL INSTALL
Lab Number: L2235405
Report Date: 07/26/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/19/22 11:20
Analyst: SDC

Extraction Method: EPA 3546
Extraction Date: 07/17/22 20:08
Cleanup Method: EPA 3665A
Cleanup Date: 07/18/22
Cleanup Method: EPA 3660B
Cleanup Date: 07/18/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG1663922-1						
Aroclor 1016	ND		ug/kg	32.0	2.84	A
Aroclor 1221	ND		ug/kg	32.0	3.20	A
Aroclor 1232	ND		ug/kg	32.0	6.78	A
Aroclor 1242	ND		ug/kg	32.0	4.31	A
Aroclor 1248	ND		ug/kg	32.0	4.80	A
Aroclor 1254	ND		ug/kg	32.0	3.50	A
Aroclor 1260	ND		ug/kg	32.0	5.91	A
Aroclor 1262	ND		ug/kg	32.0	4.06	A
Aroclor 1268	ND		ug/kg	32.0	3.31	A
PCBs, Total	ND		ug/kg	32.0	2.84	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	80		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT LLC
Project Number: WELL INSTALL

Lab Number: L2235405
Report Date: 07/26/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1663922-2 WG1663922-3									
Aroclor 1016	102		97		40-140	5		50	A
Aroclor 1260	96		89		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		82		30-150	A
Decachlorobiphenyl	81		74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		81		30-150	B
Decachlorobiphenyl	77		76		30-150	B

PESTICIDES

Project Name: SOUTH BUFFALO DEVELOPMENT LLC **Lab Number:** L2235405

Project Number: WELL INSTALL **Report Date:** 07/26/22

SAMPLE RESULTS

Lab ID: L2235405-01
Client ID: WELL CUTTINGS-07012022
Sample Location: 140 LEE STREET BUFFALO NY

Date Collected: 07/01/22 12:00
Date Received: 07/01/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 07/21/22 11:59
Analyst: EJL
Percent Solids: 83%
TCLP/SPLP Ext. Date: 07/18/22 10:37

Extraction Method: EPA 3510C
Extraction Date: 07/20/22 17:18
Cleanup Method: EPA 3620B
Cleanup Date: 07/21/22
Cleanup Method: EPA 3660B
Cleanup Date: 07/21/22

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.022	1	A
Heptachlor	ND		ug/l	0.100	0.016	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	1	A
Endrin	ND		ug/l	0.200	0.021	1	A
Methoxychlor	ND		ug/l	1.00	0.034	1	A
Toxaphene	ND		ug/l	1.00	0.314	1	A
Chlordane	ND		ug/l	1.00	0.232	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	129		30-150	A
Decachlorobiphenyl	148		30-150	A
2,4,5,6-Tetrachloro-m-xylene	119		30-150	B
Decachlorobiphenyl	132		30-150	B

Project Name: SOUTH BUFFALO DEVELOPMENT LLC **Lab Number:** L2235405

Project Number: WELL INSTALL **Report Date:** 07/26/22

SAMPLE RESULTS

Lab ID: L2235405-01
Client ID: WELL CUTTINGS-07012022
Sample Location: 140 LEE STREET BUFFALO NY

Date Collected: 07/01/22 12:00
Date Received: 07/01/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8151A
Analytical Date: 07/23/22 11:50
Analyst: AKM
Percent Solids: 83%
TCLP/SPLP Ext. Date: 07/18/22 10:37
Methylation Date: 07/22/22 19:52

Extraction Method: EPA 8151A
Extraction Date: 07/22/22 00:31

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	46		30-150	A
DCAA	38		30-150	B

Project Name: SOUTH BUFFALO DEVELOPMENT LLC
Project Number: WELL INSTALL
Lab Number: L2235405
Report Date: 07/26/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/21/22 11:21
Analyst: EJL
TCLP/SPLP Extraction Date: 07/16/22 18:09

Extraction Method: EPA 3510C
Extraction Date: 07/20/22 17:18
Cleanup Method: EPA 3620B
Cleanup Date: 07/21/22
Cleanup Method: EPA 3660B
Cleanup Date: 07/21/22

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Pesticides by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1665393-1						
Lindane	ND		ug/l	0.100	0.022	A
Heptachlor	ND		ug/l	0.100	0.016	A
Heptachlor epoxide	ND		ug/l	0.100	0.021	A
Endrin	ND		ug/l	0.200	0.021	A
Methoxychlor	ND		ug/l	1.00	0.034	A
Toxaphene	ND		ug/l	1.00	0.314	A
Chlordane	ND		ug/l	1.00	0.232	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	123		30-150	A
Decachlorobiphenyl	138		30-150	A
2,4,5,6-Tetrachloro-m-xylene	126		30-150	B
Decachlorobiphenyl	133		30-150	B

Project Name: SOUTH BUFFALO DEVELOPMENT LLC **Lab Number:** L2235405

Project Number: WELL INSTALL **Report Date:** 07/26/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/23/22 10:55
Analyst: AKM
TCLP/SPLP Extraction Date: 07/16/22 18:09
Methylation Date: 07/22/22 19:52

Extraction Method: EPA 8151A
Extraction Date: 07/22/22 00:31

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Herbicides by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG1665957-1						
2,4-D	ND		mg/l	0.025	0.001	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	51		30-150	A
DCAA	39		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT LLC
Project Number: WELL INSTALL

Lab Number: L2235405
Report Date: 07/26/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Pesticides by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1665393-2 WG1665393-3									
Lindane	130		129		30-150	1		20	A
Heptachlor	126		127		30-150	1		20	A
Heptachlor epoxide	137		135		30-150	1		20	A
Endrin	139		142		30-150	2		20	A
Methoxychlor	131		142		30-150	8		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	106		117		30-150	A
Decachlorobiphenyl	122		143		30-150	A
2,4,5,6-Tetrachloro-m-xylene	108		119		30-150	B
Decachlorobiphenyl	117		137		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT LLC
Project Number: WELL INSTALL

Lab Number: L2235405
Report Date: 07/26/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Herbicides by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG1665957-2 WG1665957-3									
2,4-D	**211**	Q	104		30-150	**68**	Q	25	A
2,4,5-TP (Silvex)	47		40		30-150	16		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	50		48		30-150	A
DCAA	41		38		30-150	B

METALS

Project Name: SOUTH BUFFALO DEVELOPMENT LLC **Lab Number:** L2235405

Project Number: WELL INSTALL **Report Date:** 07/26/22

SAMPLE RESULTS

Lab ID: L2235405-01 Date Collected: 07/01/22 12:00

Client ID: WELL CUTTINGS-07012022 Date Received: 07/01/22

Sample Location: 140 LEE STREET BUFFALO NY Field Prep: Not Specified

Sample Depth: TCLP/SPLP Ext. Date: 07/13/22 21:58

Matrix: Soil

Percent Solids: 83%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	0.032	J	mg/l	1.00	0.019	1	07/15/22 15:49	07/15/22 22:52	EPA 3015	1,6010D	BV
Barium, TCLP	0.564		mg/l	0.500	0.021	1	07/15/22 15:49	07/15/22 22:52	EPA 3015	1,6010D	BV
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	07/15/22 15:49	07/15/22 22:52	EPA 3015	1,6010D	BV
Chromium, TCLP	ND		mg/l	0.200	0.021	1	07/15/22 15:49	07/15/22 22:52	EPA 3015	1,6010D	BV
Lead, TCLP	ND		mg/l	0.500	0.027	1	07/15/22 15:49	07/15/22 22:52	EPA 3015	1,6010D	BV
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	07/15/22 16:18	07/18/22 08:56	EPA 7470A	1,7470A	AW
Selenium, TCLP	ND		mg/l	0.500	0.035	1	07/15/22 15:49	07/15/22 22:52	EPA 3015	1,6010D	BV
Silver, TCLP	ND		mg/l	0.100	0.028	1	07/15/22 15:49	07/15/22 22:52	EPA 3015	1,6010D	BV

Project Name: SOUTH BUFFALO DEVELOPMENT LLC **Lab Number:** L2235405

Project Number: WELL INSTALL **Report Date:** 07/26/22

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1663335-1										
Arsenic, TCLP	ND		mg/l	1.00	0.019	1	07/15/22 15:49	07/15/22 23:10	1,6010D	BV
Barium, TCLP	ND		mg/l	0.500	0.021	1	07/15/22 15:49	07/15/22 23:10	1,6010D	BV
Cadmium, TCLP	ND		mg/l	0.100	0.010	1	07/15/22 15:49	07/15/22 23:10	1,6010D	BV
Chromium, TCLP	ND		mg/l	0.200	0.021	1	07/15/22 15:49	07/15/22 23:10	1,6010D	BV
Lead, TCLP	ND		mg/l	0.500	0.027	1	07/15/22 15:49	07/15/22 23:10	1,6010D	BV
Selenium, TCLP	ND		mg/l	0.500	0.035	1	07/15/22 15:49	07/15/22 23:10	1,6010D	BV
Silver, TCLP	ND		mg/l	0.100	0.028	1	07/15/22 15:49	07/15/22 23:10	1,6010D	BV

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 07/13/22 21:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG1663336-1										
Mercury, TCLP	ND		mg/l	0.0010	0.0005	1	07/15/22 16:18	07/18/22 08:40	1,7470A	AW

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 07/13/22 21:58

Lab Control Sample Analysis

Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT LLC

Project Number: WELL INSTALL

Lab Number: L2235405

Report Date: 07/26/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1663335-2								
Arsenic, TCLP	103		-		75-125	-		20
Barium, TCLP	100		-		75-125	-		20
Cadmium, TCLP	101		-		75-125	-		20
Chromium, TCLP	100		-		75-125	-		20
Lead, TCLP	96		-		75-125	-		20
Selenium, TCLP	106		-		75-125	-		20
Silver, TCLP	98		-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG1663336-2								
Mercury, TCLP	98		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT LLC
Project Number: WELL INSTALL

Lab Number: L2235405
Report Date: 07/26/22

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1663335-3 QC Sample: L2237022-01 Client ID: MS Sample												
Arsenic, TCLP	ND	1.2	1.30	108		-	-		75-125	-		20
Barium, TCLP	0.509	20	20.6	100		-	-		75-125	-		20
Cadmium, TCLP	0.025J	0.53	0.568	107		-	-		75-125	-		20
Chromium, TCLP	ND	2	2.09	104		-	-		75-125	-		20
Lead, TCLP	0.557	5.3	5.72	97		-	-		75-125	-		20
Selenium, TCLP	ND	1.2	1.31	109		-	-		75-125	-		20
Silver, TCLP	ND	0.5	0.505	101		-	-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1663336-3 QC Sample: L2236939-06 Client ID: MS Sample												
Mercury, TCLP	ND	0.025	0.0230	92		-	-		80-120	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT LLC
Project Number: WELL INSTALL

Lab Number: L2235405
Report Date: 07/26/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1663335-4 QC Sample: L2237022-01 Client ID: DUP Sample						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.509	0.498J	mg/l	NC		20
Cadmium, TCLP	0.025J	0.024J	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	0.557	0.529	mg/l	5		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG1663336-4 QC Sample: L2236939-06 Client ID: DUP Sample						
Mercury, TCLP	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: SOUTH BUFFALO DEVELOPMENT LL
Project Number: WELL INSTALL
Lab Number: L2235405
Report Date: 07/26/22

SAMPLE RESULTS

Lab ID: L2235405-01
Client ID: WELL CUTTINGS-07012022
Sample Location: 140 LEE STREET BUFFALO NY
Date Collected: 07/01/22 12:00
Date Received: 07/01/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Test Material Information

Source of Material: Unknown
Description of Material: Non-Metallic - Damp Soil
Particle Size: Medium
Preliminary Burning Time (sec): 120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	07/13/22 22:51	1,1030	MD

Project Name: SOUTH BUFFALO DEVELOPMENT LLC
Project Number: WELL INSTALL

Lab Number: L2235405
Report Date: 07/26/22

SAMPLE RESULTS

Lab ID: L2235405-01
Client ID: WELL CUTTINGS-07012022
Sample Location: 140 LEE STREET BUFFALO NY

Date Collected: 07/01/22 12:00
Date Received: 07/01/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	07/06/22 11:13	121,2540G	RI
pH (H)	7.6		SU	-	NA	1	-	07/13/22 08:09	1,9045D	KS
Cyanide, Reactive	ND		mg/kg	10	10.	1	07/15/22 09:30	07/15/22 12:19	125,7.3	CS
Sulfide, Reactive	ND		mg/kg	10	10.	1	07/15/22 09:30	07/15/22 11:24	125,7.3	CS
Paint Filter Liquid	NEGATIVE		-	0	NA	1	-	07/11/22 17:10	1,9095B	AS

Project Name: SOUTH BUFFALO DEVELOPMENT LL
Project Number: WELL INSTALL
Lab Number: L2235405
Report Date: 07/26/22

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1663247-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	07/15/22 09:30	07/15/22 11:22	125,7.3	CS
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG1663248-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	07/15/22 09:30	07/15/22 12:18	125,7.3	CS

Lab Control Sample Analysis

Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT LLC
Project Number: WELL INSTALL

Lab Number: L2235405
Report Date: 07/26/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1662203-1								
pH	100		-		99-101	-		
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1663247-2								
Sulfide, Reactive	111		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG1663248-2								
Cyanide, Reactive	111		-		30-125	-		40

Lab Duplicate Analysis

Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT LLC

Project Number: WELL INSTALL

Lab Number: L2235405

Report Date: 07/26/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1659352-1 QC Sample: L2235628-01 Client ID: DUP Sample						
Solids, Total	71.9	68.7	%	5		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1662203-2 QC Sample: L2236916-01 Client ID: DUP Sample						
pH	8.0	8.3	SU	4		5
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1663247-3 QC Sample: L2235485-17 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG1663248-3 QC Sample: L2235485-17 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40

Project Name: SOUTH BUFFALO DEVELOPMENT LLC
Project Number: WELL INSTALL

Lab Number: L2235405
Report Date: 07/26/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2235405-01A	Plastic 2oz unpreserved for TS	A	NA		2.5	Y	Absent		TS(7)
L2235405-01B	Glass 120ml/4oz unpreserved	A	NA		2.5	Y	Absent		REACTS(14),IGNIT-1030(14),PH-9045(1),PAINTF(),REACTCN(14)
L2235405-01C	Vial Large Septa unpreserved (4oz)	A	NA		2.5	Y	Absent		TCLP-EXT-ZHE(14)
L2235405-01D	Glass 500ml/16oz unpreserved	A	NA		2.5	Y	Absent		NYTCL-8082(365)
L2235405-01W	Plastic 120ml HNO3 preserved Extracts	A	NA		2.5	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2235405-01X	Vial unpreserved Extracts	A	NA		2.5	Y	Absent		TCLP-VOA(14)
L2235405-01X9	Tumble Vessel	A	NA		2.5	Y	Absent		-
L2235405-01Y	Vial unpreserved Extracts	A	NA		2.5	Y	Absent		TCLP-VOA(14)
L2235405-01Z	Amber 1000ml unpreserved Extracts	A	NA		2.5	Y	Absent		TCLP-8270(14),PEST-TCLP*(14),HERB-TCLP*(14)

*Values in parentheses indicate holding time in days

Project Name:	SOUTH BUFFALO DEVELOPMENT LLC	**Lab Number:**	L2235405
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GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	SOUTH BUFFALO DEVELOPMENT LLC	**Lab Number:**	L2235405
Project Number:	WELL INSTALL	**Report Date:**	07/26/22

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	SOUTH BUFFALO DEVELOPMENT LLC	**Lab Number:**	L2235405
Project Number:	WELL INSTALL	**Report Date:**	07/26/22

Data Qualifiers

Identified Compounds (TICs).

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name:	SOUTH BUFFALO DEVELOPMENT LLC	**Lab Number:**	L2235405
Project Number:	WELL INSTALL	**Report Date:**	07/26/22

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 7/2/22

ALPHA Job #: L2235405

Client Information
Client: INVENTUM ENGINEERING
Address: 441 Carlisle Drive
HERNDON VA
Phone: (716) 5535729
Fax:
Email: Peter.Zaffrann@inventumeng.com

Project Information
Project Name: South Buffalo Development LLC
Project Location: 140 LEE Street Buffalo NY
Project #: 4/11 Install
(Use Project name as Project #) ☐
Project Manager: Todd Lubelsop
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

NYSDEC EQUIS, NYSDEC Cat B

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Total Solids - SM2540	HAZ Waste Characteristics	Perm Filter	TCL PCBs 8082A	TCL Pesticides				Sample Specific Comments	Total Bottle
35405-01	Well Cuttings - 07012022	07/01/22	1200	Soil		X	X	X	X	X					

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	P	A	A	A	A				
Preservative	A	A	A	A	A				

Relinquished By:	Date/Time	Received By:	Date/Time
	07/01/22 1527		07/1/22 1327
	07/1/22 1327		7/2/22 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Appendix C – Pre-Characterization Test Pit Logs

South Buffalo Development, LLC
140 Lee Street, Buffalo New York
Area E - Test Pitting

Project: South Buffalo Development	Project Number: Area E Test Pits	Client: SBD		Staff on site: Peter Zaffram (INV), Matt Reardon (OSC), Shawn (OSC)
Address, City, State: 140 Lee Street Buffalo, NY		Excavation Contractor:OSC	Excavator Type: Mini Excavator	
Logged By: Peter Zaffram	Date: 7/8/2025	Area of Trenching: in the vicinity of RFI-32AR		
CAMPS set up? Yes, Upwind and Downwind	Weather: clear, 80	Extraction Well leg:		
Material used for backfill: soils from excavation				
Groundwater encountered? Y / N	Groundwater Depth: not encountered	Total Length of test pit (ft): 8 south to north		

Test Pit ID: **TP-01**

Lithology

Soil Group Name: modifier, color, moisture, density/consistency, grain size, other descriptors

EXAMPLE: Sandy clay, brown, low moisture, soft, low plasticity (can it be rolled or does it fall apart?), strong odor, with fill material, red brick, wood, ect.

Contamination Observed? Description:

PID	Depth (ft)	Trench Description:	
36.7	0 - 2.5	Top soil and organics (grass), brown, low moisture, medium dense (loose)	
18.2	2.5 - 3	Sandy Clay, mottled, low moisture, medium stiff, low plasticity, with trace red brick, crushed stone, and fine grain gravel	
27.8	3 - 4	Sand and Clay, brown, low moisture, medium dense, low plasticity, with crushed stone and fine grain gravel.	
2120	4 - 5	Sand and Clay, brown, low moisture, medium dense, low plasticity, with crushed stone and fine grain gravel.	
15,000	5 - 6	Sand and Clay, brown, low moisture, medium dense, low plasticity, with crushed stone and fine grain gravel.	Strong odor
11,000	6 - 7	Sand and Clay, brown, low moisture, medium dense, low plasticity, with crushed stone and fine grain gravel.	Strong odor
775	7 -7.5	Sand and Clay, brown, low moisture, medium dense, low plasticity, with crushed stone and fine grain gravel.	Strong odor
346.8	7.5 - 8	Sand, gray, low moisture, loose, fine grains, with trace fill material and clay	
108.3	8 - 8.5	Clay, gray, low moisture, medium stuff, low plasticity, with few fine grain sand and silt.	
225.7	8.5 - 9	Clay, gray, low moisture, medium stuff, low plasticity, with few fine grain sand and silt.	
309.3	9 - 10	Clay, gray, low moisture, medium stuff, low plasticity, with few fine grain sand and silt.	
85.7	10 - 11	Silty Sandy Clay, gray, medium moisture, medium stiff, low plasticity, with trace fine grain sand	

General Comments and Notes: Sample collected for disposal criteria. Composite taken from 5-feet, 6-feet, and 8-feet. Sample run for full TCLP analysis.
Sample ID: TP-01-07082025

Second sample collected for TCL VOCs and SVOCs. Sample collected from 6-feet deep.
Sample ID: TP-01-72-07082025

South Buffalo Development, LLC
140 Lee Street, Buffalo New York
Area E - Test Pitting

Project: South Buffalo Development	Project Number: Area E Test Pits	Client: SBD		Staff on site: Peter Zaffram (INV), Matt Reardon (OSC), Shawn (OSC)
Address, City, State: 140 Lee Street Buffalo, NY		Excavation Contractor:OSC	Excavator Type: Mini Excavator	
Logged By: Peter Zaffram	Date: 7/8/2025	Area of Trenching: in the vicinity of RFI-32AR		
CAMPS set up? Yes, Upwind and Downwind	Weather: clear, 80	Extraction Well leg:		
Material used for backfill: soils from excavation				
Groundwater encountered? Y / N	Groundwater Depth: not encountered	Total Length of test pit (ft): 8 south to north		

Test Pit ID: **TP-02**

Lithology

Soil Group Name: modifier, color, moisture, density/consistency, grain size, other descriptors

EXAMPLE: Sandy clay, brown, low moisture, soft, low plasticity (can it be rolled or does it fall apart?), strong odor, with fill material, red brick, wood, ect.

PID	Depth (Ft.)	Trench Description:	Contamination Observed? Description:
low mois	0 - 2	Top soil and organics, brown, low moisture, medium dense, with fine and coarse grain gravel	
108.2	2 - 5	Silty Clay, black and gray, low moisture, medium stiff, low plasticity, with fine grain sand, crushed concrete, and red brick	Slight odor. Highest PID (108 @ 5 feet)
30.2	5 - 6	Sandy Clay, gray, medium moisture, medium stiff, low plasticity, with fine grain sand	
12.8	6 - 8	Sandy Clay, gray, low moisture, medium stuff, low plasticity with fine grain sand	
17.7	8 - 10	Sandy Clay, gray, low moisture, medium stuff, low plasticity with fine grain sand	

General Comments and Notes: Sample collected from 5-feet deep. Sample ID: TP-02-60-07082025

South Buffalo Development, LLC
140 Lee Street, Buffalo New York
Area E - Test Pitting

Project: South Buffalo Development	Project Number: Area E Test Pits	Client: SBD		Staff on site: Peter Zaffram (INV), Matt Reardon (OSC), Shawn (OSC)
Address, City, State: 140 Lee Street Buffalo, NY		Excavation Contractor:OSC	Excavator Type: Mini Excavator	
Logged By: Peter Zaffram	Date: 7/9/2025	Area of Trenching: in the vicinity of RFI-32AR		
CAMPS set up? Yes, Upwind and Downwind	Weather: clear, 80	Extraction Well leg:		
Material used for backfill: soils from excavation				
Groundwater encountered? Y / N	Groundwater Depth: Not Encountered	Total Length of test pit (ft): 8 south to north		

Test Pit ID:**TP-03**

Lithology

Soil Group Name: modifier, color, moisture, density/consistency, grain size, other descriptors

EXAMPLE: Sandy clay, brown, low moisture, soft, low plasticity (can it be rolled or does it fall apart?), strong odor, with fill material, red brick, wood, ect.

Contamination Observed? Description:

PID	Depth (Ft.)	Trench Description:	
0	0 - 2	Top soil and organics, brown, low moisture, medium dense, with fine gravel and demarcation fabric at 2-feet	
0	2 - 2.5	Silty Sandy Clay, black and brown, low moisture, medium stiff, low plasticity	
88.5	2.5 - 5	Silty Sandy Clay, black and brown, low moisture, medium stiff, low plasticity, with rail road spikes and bedding stone	
270.3	5 - 6	Sand, gray, low moisture, medium dense, fine grain	Slight odor
70.3	6 - 7.5	Sand, gray, low moisture, medium dense, fine grain	
82.5	7.5 - 9	Sand, gray, low moisture, medium dense, fine grain	
223.4	9 - 10	Sandy Clay, brown, medium moisture, medium stiff, low plasticity, with some orange and yellow discoloration	

General Comments and Notes: Sample collected from 6 to 9 feet (composite). Sample ID: TP-03-6to9-07092025

South Buffalo Development, LLC
140 Lee Street, Buffalo New York
Area E - Test Pitting

Project: South Buffalo Development	Project Number: Area E Test Pits	Client: SBD		Staff on site: Peter Zaffram (INV), Matt Reardon (OSC), Shawn (OSC)
Address, City, State: 140 Lee Street Buffalo, NY		Excavation Contractor:OSC	Excavator Type: Mini Excavator	
Logged By: Peter Zaffram	Date: 7/9/2025	Area of Trenching: in the vicinity of RFI-32AR		
CAMPS set up? Yes, Upwind and Downwind	Weather: clear, 80	Extraction Well leg:		
Material used for backfill: soils from excavation				
Groundwater encountered? Y / N	Groundwater Depth: 5-feet 7-inches	Total Length of test pit (ft): 8 south to north		

Test Pit ID: **TP-04**

Lithology

Soil Group Name: modifier, color, moisture, density/consistency, grain size, other descriptors

EXAMPLE: Sandy clay, brown, low moisture, soft, low plasticity (can it be rolled or does it fall apart?), strong odor, with fill material, red brick, wood, ect.

Contamination Observed? Description:

PID	Depth (Ft.)	Trench Description:	
0	0 - 0.5	Asphalt	
0	0.5 - 2	Crushed Stone and demarcation fabric	
0	2 - 5	Clay, brown, low moisture, medium stiff, low plasticity, with some crushed stone, gravel, and orange demarcation fabric	
0	5 - 7	Clay, brown, saturated, medium stiff, low plasticity, with some crushed stone, gravel	
0	7	Crushed Stone and Clay, brown, heavy groundwater. Stopped and moved south	
		Moved 2 feet south, extended TP outside Asphalt area.	
6.5	0 - 2	Rail road bed ballast, 2 inch stone and rail spikes. Low moisture, dense	
48.9	2 - 5	Sandy Clay, black and orange, medium moisture, soft, low plasticity, with red brick and concrete	
180	5 - 6	Clayey Sand, gray, medium moisture, medium dense, with fine grain gravel	slight odor

General Comments and Notes: Sample collected from 5-feet. Sample ID: TP-04-CL-07092025

Appendix D – Pre-Characterization Sample Laboratory Data Reports

Electronic copy only

August 18th, 2025

Mr. Matthew Slominski
Assistant Engineer
NYSDEC
700 Delaware Avenue
Buffalo, NY 14209

Re: Modern Landfill Inc. In-House Non-Hazardous Waste Approvals
Disposal of Soil
South Buffalo Development, LLC. – 100 Lee Street, Buffalo, NY 14210
Waste Approval No. M25-4018

Dear Mr. Slominski,

This office has received documentation from the generator to accept the referenced waste stream into Modern Landfill. Based on the information provided, this waste is acceptable for disposal in our NYS Part 360 Landfill. This application's approval complies with the conditions specified in NYSDEC's self-approval guidelines letter to Modern Landfill, Inc. dated July 12, 2018. This job will expire August 18, 2026.

If you have any questions, please contact me at 716-344-5076 or sbank@modern-corp.com.

Sincerely,

Sierra Bank
Environmental Compliance Specialist
MODERN LANDFILL, INC.

MODERN
4746 Model City Road, P.O. Box 209, Model City, NY 14107-0209
716-754-8226 1-800-330-7107 Fax: 716-754-8964

47-19-7 (10/86) - Text 12
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID AND HAZARDOUS WASTE • BUREAU OF HAZARDOUS WASTE OPERATIONS
50 WOLF ROAD, ALBANY, NEW YORK 12233-4017

FOR STATE USE ONLY		
SITE NO. 32S30	APPLICATION NO. M25-4018	DATE RECEIVED 8/15/25
DEPARTMENT ACTION [X] Approved [ ] Disapproved		DATE 8/18/25

APPLICATION FOR TREATMENT OR DISPOSAL OF AN INDUSTRIAL WASTE STREAM

SEE APPLICATION INSTRUCTIONS ON REVERSE SIDE

1. NAME OF PROJECT/FACILITY	2. COUNTY	3. SITE NUMBER
MODERN LANDFILL, INC.	NIAGARA	32S30
4. NAME OF OWNER	5. ADDRESS (Street, City, State, Zip Code)	6. TELEPHONE NO.
RICHARD WASHUTA	4746 Model City Road, Model City, NY 14107	(716) 754-8226
6. NAME OF OPERATOR	8. ADDRESS (Street, City, State, Zip Code)	9. TELEPHONE NO.
RICHARD WASHUTA	Pletcher & Harold Road, Model City, NY 14107	(716) 754-8226

10. METHOD OF TREATMENT OR DISPOSAL

SANITARY LANDFILL - D90

11. COMPANY GENERATING WASTE	12. ADDRESS OF FACILITY GENERATING WASTE (Street, City, State, Zip Code)
South Buffalo Development, LLC.	100 Lee Street, Buffalo, NY 14210

13. REPRESENTATIVE OF WASTE GENERATOR	14. MAILING ADDRESS OF REPRESENTATIVE	15. TELEPHONE NO.
John Yensan	140 Lee Street, Buffalo, NY 14210	716-856-3333

16. DESCRIPTION OF PROCESS PRODUCING WASTE:

Former Industrial Site known as Buffalo Color Corporation.

17. EXPECTED ANNUAL WASTE PRODUCTION: 200 Tons

18. WASTE HAULED IN: [ ] Drums [ ] Bulk Tank [ ] Roll-Off Container [✓] Other Dump Truck

19. WASTE COMPOSITION
19A. Average Percent Solids 100

19b. Physical State: [ ] Liquid [ ] Slurry [ ] Sludge [✓] Solid [ ] Contained Gas

19c. pH Range: to

19d. COMPONENTS	CONCENTRATION (Dry Weight) Upper	Lower	Typical	UNIT (Check One) Wt. %	ppm
1) Soil	100	98		X	
2)					
3)					
4)					

20. IS AN ANALYSIS OF WASTE ATTACHED?	21. WAS A TCLP TEST CONDUCTED ON THE WASTE?	22. MATERIAL IS:
[✓] YES [ ] NO	[✓] Yes [ ] No If "yes", Results Attached	[ ] Hazardous [X] Non-Hazardous

23. DETAIL ALL HAZARD AND NUISANCE PROBLEMS ASSOCIATED WITH THE WASTES. List necessary safety, handling, treatment and disposal precautions.

N/A

24. WHERE WAS MATERIAL DISPOSED OF PREVIOUSLY?
Modern Landfill

25. NAME OF WASTE TRANSPORTER	26. ADDRESS (Street, City, State, Zip Code)	27. NYSDEC PERMIT No.	28. TELEPHONE NO.
Mawhiney Trucking, Inc.	425 Lake Street, Wilson, NY 14172	9A-748	716-751-6418

29. CERTIFICATION

I hereby affirm under penalty of perjury that information provided on this form and attached statements and exhibits is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

a. SIGNATURE AND TITLE OF REPRESENTATIVE OF WASTE GENERATOR	DATE
Manager /	08/15/2025
b. SIGNATURE AND TITLE OF REPRESENTATIVE OF TREATMENT OR DISPOSAL FACILITY	DATE
Manager / Environmental Compliance Specialist	08/15/2025

08/18/2025

MODERN LANDFILL, INC
PO BOX 209
MODEL CITY, NY 14107

GENERATOR WASTE CHARACTERIZATION REPORT

INSTRUCTIONS: Please complete all sections of this report as a fillable pdf or in blue or black ink. Return the completed report, the analytical data report (if required), and the Application for Disposal of an Industrial Waste Stream (47-19-7 form) to Modern. A separate form is required for each waste stream.

GENERATOR INFORMATION:

Generator Name: South Buffalo Development, LLC.

Generating Facility Address: 100 Lee Street, Buffalo, NY 14210

Technical Contact: John Yensan Phone: 716-856-3333 Email: jyensan@oscinc.com

Alternate Contact: _____ Phone: _____ Email: _____

INVOICING INFORMATION: ☐ Same as generator

Contracting Firm: Ontario Specialty Contracting, Inc.

Contact: Alen Trpevski Phone: 716-856-3333 Email: atrpevski@oscinc.com

Do you have an existing account with Modern Landfill? ☑ Yes ☐ No

Billing Address: 140 Lee Street, Buffalo, NY 14210

TRANSPORTER INFORMATION:

Hauler Name: Mawhiney Trucking, Inc. NYSDEC Permit No: 9A-748

Contact: Roger Mawhiney Phone: 716-751-6418 Email: mawhineytrcuks@aol.com

If Modern is not hauling, is Modern Landfill on your Transporter Permit? ☑ Yes ☐ No

WASTE INFORMATION:

Common name of waste: RFI 32 Soils

State waste code(s) if applicable: None

Description of process generating this waste: Former Industrial site known as Buffalo Color Corp.

One-time disposal or recurring? ☑ One-time ☐ Recurring

Is this waste hazardous under US EPA 40 CFR 261 & 6 NY-CRR Part 371.1 (d)? ☐ Yes ☑ No

Is this waste radioactive under US EPA 40 CFR 191.12? ☐ Yes ☑ No

WASTE CHARACTERISTICS:

Is the waste less than 20% solids?*	☐ Yes	☑ No	Does the waste contain free liquids?*	☐ Yes	☑ No
Is the flashpoint at least 140°F?	☑ Yes	☐ No	Is the pH between 2 and 12.5?	☑ Yes	☐ No
Is the waste reactive (CN^-/S^{2-}?)	☐ Yes	☑ No	Does the waste contain ≥50 ppm PCBs?	☐ Yes	☑ No

** If the answer to either of these questions is "yes", you must also complete a Waste Solidification Profile.*

Color(s): Brown/ Black Odor: ☐ None ☑ Mild ☐ Strong

GENERATOR CERTIFICATION:

I. I certify that this profile and any attachment(s) accurately represent all components of the waste stream and that the information contained herein is true and complete, to the best of my knowledge:
☑ Yes ☐ No

II. I certify that the waste represented by this profile is not a listed hazardous waste, does not contain a listed hazardous waste, and does not exhibit any characteristics of a hazardous waste as defined by 40 CFR 261:
☑ Yes ☐ No

III. I understand that it is my responsibility as the Generator (or its authorized agent) to make this hazardous waste determination in accordance with 40 CFR 262.11. If at any time upon receipt by Modern the material deviates from the components or characteristics certified herein, Modern reserves the right to reject such waste until the waste stream conforms to this profile, or to require completion of a new waste profile appropriately characterizing the waste:
☑ Yes ☐ No

Printed Name: John Yensan

Title: Manager

Company: South Buffalo Development, LLC.

Signature:

Date: 08/15/2025

Modern Landfill, Inc.

WASTE SOLIDIFICATION PROFILE

Generator Name: South Buffalo Development, LLC.

Facility Address: 100 Lee Street, Buffalo, NY 14210

Technical Contact: John Yensan **Phone:** 716-856-3333

Alternate Contact: _____ **Phone:** _____

Waste Information *(please attach additional sheets if necessary)*

Common name of waste: RFI Soils

Description of process generating this waste: Former Industrial Site known as Buffalo Color

Waste Constituents	Percentage of Waste
Soil	100

Waste Phase	Percentage of Waste
Solid	100
Sludge	
Liquid	
Other	

Is the waste layered? ☐ Yes ☑ No

If yes, how many layers? __ / Not applicable

Describe the layers, constituents, and phases:

IS THIS WASTE	YES	NO
A characteristic hazardous waste?	☐	☑
A listed hazardous waste?	☐	☑
Hazardous under US EPA Guidelines & 6NYCRR Part 371 (d)?	☐	☑
A medical/biological waste?	☐	☑
An etiological waste?	☐	☑
PCB contaminated?	☐	☑
Radioactive?	☐	☑
Sewage/septic?	☐	☑

	YES	NO
Is a TCLP analysis attached?	☑	☐
Was the analysis completed by a NYSDOH-certified lab?	☑	☐
Are Safety Data Sheets attached?	☐	☑

Certification

I certify that the information contained within this Waste Profile, including all attached information, is complete, factual, and is an accurate representation of any known or suspected hazards.

Signature: _____ **Title:** Manager

Printed Name: John Yensan **Company:** South Buffalo Development, LLC.

Date: 8/15/2025

Table 1

Waste Profile Sample Results
RFI-32AR Area CMWP
Buffalo Color Corporation Site Area E (C915232)

		LOCATION:	**TP-01-07082025**	
		SAMPLING DATE:	**7/8/2025**	
		LAB SAMPLE ID:	**L2542776-01**	
		SAMPLE TYPE:	**COMPOSITE**	
Analyte	**TCLP (a)**	**Units**	**Results**	
General Chemistry				
Solids, Total	NS	%	84.5	
pH (H)	NS	SU	7.84	
Cyanide, Reactive	NS	mg/kg	10	U
Sulfide, Reactive	NS	mg/kg	10	U
Ignitability of Solids				
Ignitability	NS		NI	
Polychlorinated Biphenyls by GC				
Aroclor 1016	NS	mg/kg	0.104	U
Aroclor 1221	NS	mg/kg	0.104	U
Aroclor 1232	NS	mg/kg	0.104	U
Aroclor 1242	NS	mg/kg	0.104	U
Aroclor 1248	NS	mg/kg	0.104	U
Aroclor 1254	NS	mg/kg	0.104	U
Aroclor 1260	NS	mg/kg	0.104	U
Aroclor 1262	NS	mg/kg	0.104	U
Aroclor 1268	NS	mg/kg	0.104	U
PCBs, Total	NS	mg/kg	0.104	U
TCLP Herbicides by EPA 1311				
2,4-D	10	mg/l	0.025	U
2,4,5-TP (Silvex)	1	mg/l	0.005	U
TCLP Metals by EPA 1311				
Arsenic, TCLP	5	mg/l	1	U
Barium, TCLP	100	mg/l	0.854	
Cadmium, TCLP	1	mg/l	0.1	U
Chromium, TCLP	5	mg/l	0.2	U
Lead, TCLP	5	mg/l	0.5	U
Mercury, TCLP	0.2	mg/l	0.0005	J
Selenium, TCLP	1	mg/l	0.5	U
Silver, TCLP	5	mg/l	0.1	U
TCLP Pesticides by EPA 1311				
Lindane	0.4	mg/l	0.0001	U
Heptachlor	0.008	mg/l	0.0001	U
Heptachlor epoxide	0.008	mg/l	0.0001	U
Endrin	0.02	mg/l	0.0002	U
Methoxychlor	10	mg/l	0.001	U
Toxaphene	0.5	mg/l	0.001	U
Chlordane	0.03	mg/l	0.001	U
TCLP Semivolatiles by EPA 1311				
Hexachlorobenzene	0.13	mg/l	0.002	U
2,4-Dinitrotoluene	0.13	mg/l	0.005	U
Hexachlorobutadiene	0.5	mg/l	0.002	U
Hexachloroethane	3	mg/l	0.002	U
Nitrobenzene	2	mg/l	0.017	
2,4,6-Trichlorophenol	2	mg/l	0.005	U
Pentachlorophenol	100	mg/l	0.01	U
2-Methylphenol	200	mg/l	0.005	U
3-Methylphenol/4-Methylphenol	200	mg/l	0.005	U
2,4,5-Trichlorophenol	400	mg/l	0.005	U
Pyridine	5	mg/l	0.0035	U
TCLP Volatiles by EPA 1311				
Chloroform	6	mg/l	0.075	U
Carbon tetrachloride	0.5	mg/l	0.05	U
Tetrachloroethene	0.7	mg/l	0.05	U
Chlorobenzene	100	mg/l	16	
1,2-Dichloroethane	0.5	mg/l	0.05	U
Benzene	0.5	mg/l	0.05	U
Vinyl chloride	0.2	mg/l	0.1	U
1,1-Dichloroethene	0.7	mg/l	0.05	U
Trichloroethene	0.5	mg/l	0.05	U
1,4-Dichlorobenzene	7.5	mg/l	5.1	
2-Butanone	200	mg/l	0.5	U

(a) Toxicity Characterisic Leaching Procedure (TCLP) regulatory levels.
"mg/L" = milligrams per liter; "U" = not detected above reporting limit shown.
"NS" = no standard; "mg/kg" = milligrams per kilogram

ANALYTICAL REPORT

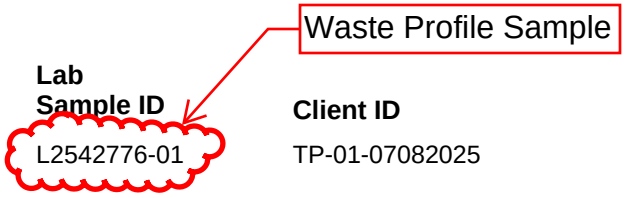
Lab Number:	L2542776
Client:	Inventum Engineering 441 Carlisle Drive Suite C Herndon, NY 20170
ATTN:	Todd Waldrop
Phone:	(571) 752-6562
Project Name:	SOUTH BUFFALO DEVELOPMENT
Project Number:	SBD-AREA-E
Report Date:	07/28/25

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25



Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2542776-01	TP-01-07082025	SOLID	140 LEE STREET	07/08/25 12:00	07/09/25
L2542776-02	TP-01-72-07082025	SOLID	140 LEE STREET	07/08/25 12:20	07/09/25
L2542776-03	TP-02-60-07082025	SOLID	140 LEE STREET	07/08/25 13:50	07/09/25
L2542776-04	TP-03-6T09-07092025	SOLID	140 LEE STREET	07/09/25 09:00	07/09/25
L2542776-05	TP-04-CL-07092025	SOLID	140 LEE STREET	07/09/25 10:55	07/09/25

Project Name:	SOUTH BUFFALO DEVELOPMENT	**Lab Number:**	L2542776
Project Number:	SBD-AREA-E	**Report Date:**	07/28/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name:	SOUTH BUFFALO DEVELOPMENT	**Lab Number:**	L2542776
Project Number:	SBD-AREA-E	**Report Date:**	07/28/25

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2542776-02 through -05: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative Date: 07/28/25

ORGANICS

VOLATILES

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-01 D
Client ID: TP-01-07082025
Sample Location: 140 LEE STREET

Date Collected: 07/08/25 12:00
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8260D
Analytical Date: 07/24/25 06:46
Analyst: MCM
Percent Solids: 85%
TCLP/SPLP Ext. Date: 07/22/25 05:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	75	22.	100
Carbon tetrachloride	ND		ug/l	50	13.	100
Tetrachloroethene	ND		ug/l	50	18.	100
Chlorobenzene	16000		ug/l	50	18.	100
1,2-Dichloroethane	ND		ug/l	50	13.	100
Benzene	ND		ug/l	50	16.	100
Vinyl chloride	ND		ug/l	100	7.1	100
1,1-Dichloroethene	ND		ug/l	50	17.	100
Trichloroethene	ND		ug/l	50	18.	100
1,4-Dichlorobenzene	5100		ug/l	250	19.	100
2-Butanone	ND		ug/l	500	190	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	89		70-130
4-Bromofluorobenzene	83		70-130
dibromofluoromethane	111		70-130

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-02 D2
Client ID: TP-01-72-07082025
Sample Location: 140 LEE STREET

Date Collected: 07/08/25 12:20
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8260D
Analytical Date: 07/21/25 22:54
Analyst: JIC
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	18000	8200	50
1,1-Dichloroethane	ND		ug/kg	3600	520	50
Chloroform	ND		ug/kg	5300	500	50
Carbon tetrachloride	ND		ug/kg	3600	820	50
1,2-Dichloropropane	ND		ug/kg	3600	440	50
Dibromochloromethane	ND		ug/kg	3600	500	50
1,1,2-Trichloroethane	ND		ug/kg	3600	950	50
Tetrachloroethene	1400	J	ug/kg	1800	700	50
Chlorobenzene	1400000	E	ug/kg	1800	450	50
Trichlorofluoromethane	ND		ug/kg	14000	2500	50
1,2-Dichloroethane	ND		ug/kg	3600	920	50
1,1,1-Trichloroethane	ND		ug/kg	1800	590	50
Bromodichloromethane	ND		ug/kg	1800	390	50
trans-1,3-Dichloropropene	ND		ug/kg	3600	970	50
cis-1,3-Dichloropropene	ND		ug/kg	1800	560	50
Bromoform	ND		ug/kg	14000	880	50
1,1,2,2-Tetrachloroethane	ND		ug/kg	1800	590	50
Benzene	ND		ug/kg	1800	590	50
Toluene	1900	J	ug/kg	3600	1900	50
Ethylbenzene	2700	J	ug/kg	3600	500	50
Chloromethane	ND		ug/kg	14000	3300	50
Bromomethane	ND		ug/kg	7100	2100	50
Vinyl chloride	ND		ug/kg	3600	1200	50
Chloroethane	ND		ug/kg	7100	1600	50
1,1-Dichloroethene	ND		ug/kg	3600	850	50
trans-1,2-Dichloroethene	ND		ug/kg	5300	490	50
Trichloroethene	ND		ug/kg	1800	490	50
1,2-Dichlorobenzene	340000		ug/kg	7100	510	50

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-02 D2 Date Collected: 07/08/25 12:20
Client ID: TP-01-72-07082025 Date Received: 07/09/25
Sample Location: 140 LEE STREET Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	58000		ug/kg	7100	530	50
1,4-Dichlorobenzene	440000		ug/kg	7100	610	50
Methyl tert butyl ether	ND		ug/kg	7100	720	50
p/m-Xylene	ND		ug/kg	7100	2000	50
o-Xylene	ND		ug/kg	3600	1000	50
cis-1,2-Dichloroethene	ND		ug/kg	3600	620	50
Styrene	ND		ug/kg	3600	700	50
Dichlorodifluoromethane	ND		ug/kg	36000	3200	50
Acetone	ND		ug/kg	36000	17000	50
Carbon disulfide	ND		ug/kg	36000	16000	50
2-Butanone	ND		ug/kg	36000	7900	50
4-Methyl-2-pentanone	ND		ug/kg	36000	4600	50
2-Hexanone	ND		ug/kg	36000	4200	50
1,2-Dibromoethane	ND		ug/kg	3600	990	50
n-Butylbenzene	ND		ug/kg	3600	590	50
sec-Butylbenzene	ND		ug/kg	3600	520	50
tert-Butylbenzene	ND		ug/kg	7100	420	50
1,2-Dibromo-3-chloropropane	ND		ug/kg	11000	3600	50
Isopropylbenzene	ND		ug/kg	3600	390	50
p-Isopropyltoluene	ND		ug/kg	3600	390	50
Naphthalene	3100	J	ug/kg	14000	2300	50
n-Propylbenzene	ND		ug/kg	3600	610	50
1,2,4-Trichlorobenzene	14000		ug/kg	7100	970	50
1,3,5-Trimethylbenzene	ND		ug/kg	7100	690	50
1,2,4-Trimethylbenzene	1600	J	ug/kg	7100	1200	50
Methyl Acetate	ND		ug/kg	14000	3400	50
Cyclohexane	ND		ug/kg	36000	1900	50
Freon-113	ND		ug/kg	14000	2500	50
Methyl cyclohexane	ND		ug/kg	14000	2100	50

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	95		70-130

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-02 D
Client ID: TP-01-72-07082025
Sample Location: 140 LEE STREET

Date Collected: 07/08/25 12:20
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8260D
Analytical Date: 07/19/25 17:33
Analyst: JIC
Percent Solids: 77%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chlorobenzene	1800000		ug/kg	3600	900	100

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	112		70-130

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-03 D2
Client ID: TP-02-60-07082025
Sample Location: 140 LEE STREET

Date Collected: 07/08/25 13:50
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8260D
Analytical Date: 07/21/25 23:32
Analyst: JIC
Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	2100	970	5
1,1-Dichloroethane	ND		ug/kg	420	62.	5
Chloroform	ND		ug/kg	640	60.	5
Carbon tetrachloride	ND		ug/kg	420	98.	5
1,2-Dichloropropane	ND		ug/kg	420	53.	5
Dibromochloromethane	ND		ug/kg	420	60.	5
1,1,2-Trichloroethane	ND		ug/kg	420	110	5
Tetrachloroethene	ND		ug/kg	210	83.	5
Chlorobenzene	200000	E	ug/kg	210	54.	5
Trichlorofluoromethane	ND		ug/kg	1700	300	5
1,2-Dichloroethane	ND		ug/kg	420	110	5
1,1,1-Trichloroethane	ND		ug/kg	210	71.	5
Bromodichloromethane	ND		ug/kg	210	46.	5
trans-1,3-Dichloropropene	ND		ug/kg	420	120	5
cis-1,3-Dichloropropene	ND		ug/kg	210	67.	5
Bromoform	ND		ug/kg	1700	100	5
1,1,2,2-Tetrachloroethane	ND		ug/kg	210	70.	5
Benzene	140	J	ug/kg	210	70.	5
Toluene	ND		ug/kg	420	230	5
Ethylbenzene	99	J	ug/kg	420	60.	5
Chloromethane	ND		ug/kg	1700	400	5
Bromomethane	ND		ug/kg	850	250	5
Vinyl chloride	ND		ug/kg	420	140	5
Chloroethane	ND		ug/kg	850	190	5
1,1-Dichloroethene	ND		ug/kg	420	100	5
trans-1,2-Dichloroethene	ND		ug/kg	640	58.	5
Trichloroethene	ND		ug/kg	210	58.	5
1,2-Dichlorobenzene	2500		ug/kg	850	61.	5

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-03 D2 Date Collected: 07/08/25 13:50
Client ID: TP-02-60-07082025 Date Received: 07/09/25
Sample Location: 140 LEE STREET Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	320	J	ug/kg	850	63.	5
1,4-Dichlorobenzene	1400		ug/kg	850	73.	5
Methyl tert butyl ether	ND		ug/kg	850	85.	5
p/m-Xylene	ND		ug/kg	850	240	5
o-Xylene	ND		ug/kg	420	120	5
cis-1,2-Dichloroethene	ND		ug/kg	420	74.	5
Styrene	ND		ug/kg	420	83.	5
Dichlorodifluoromethane	ND		ug/kg	4200	390	5
Acetone	ND		ug/kg	4200	2000	5
Carbon disulfide	ND		ug/kg	4200	1900	5
2-Butanone	ND		ug/kg	4200	940	5
4-Methyl-2-pentanone	ND		ug/kg	4200	540	5
2-Hexanone	ND		ug/kg	4200	500	5
1,2-Dibromoethane	ND		ug/kg	420	120	5
n-Butylbenzene	ND		ug/kg	420	71.	5
sec-Butylbenzene	ND		ug/kg	420	62.	5
tert-Butylbenzene	ND		ug/kg	850	50.	5
1,2-Dibromo-3-chloropropane	ND		ug/kg	1300	420	5
Isopropylbenzene	ND		ug/kg	420	46.	5
p-Isopropyltoluene	ND		ug/kg	420	46.	5
Naphthalene	ND		ug/kg	1700	280	5
n-Propylbenzene	ND		ug/kg	420	73.	5
1,2,4-Trichlorobenzene	ND		ug/kg	850	120	5
1,3,5-Trimethylbenzene	ND		ug/kg	850	82.	5
1,2,4-Trimethylbenzene	ND		ug/kg	850	140	5
Methyl Acetate	520	J	ug/kg	1700	400	5
Cyclohexane	ND		ug/kg	4200	230	5
Freon-113	ND		ug/kg	1700	290	5
Methyl cyclohexane	ND		ug/kg	1700	260	5

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	94		70-130

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-03 D
Client ID: TP-02-60-07082025
Sample Location: 140 LEE STREET

Date Collected: 07/08/25 13:50
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8260D
Analytical Date: 07/19/25 17:12
Analyst: JIC
Percent Solids: 75%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Chlorobenzene	250000		ug/kg	1100	270	25

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	118		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	118		70-130
Dibromofluoromethane	110		70-130

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-04
Client ID: TP-03-6T09-07092025
Sample Location: 140 LEE STREET

Date Collected: 07/09/25 09:00
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8260D
Analytical Date: 07/19/25 16:51
Analyst: JIC
Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	330	150	1
1,1-Dichloroethane	ND		ug/kg	66	9.6	1
Chloroform	ND		ug/kg	99	9.3	1
Carbon tetrachloride	ND		ug/kg	66	15.	1
1,2-Dichloropropane	ND		ug/kg	66	8.3	1
Dibromochloromethane	ND		ug/kg	66	9.3	1
1,1,2-Trichloroethane	ND		ug/kg	66	18.	1
Tetrachloroethene	ND		ug/kg	33	13.	1
Chlorobenzene	13000		ug/kg	33	8.4	1
Trichlorofluoromethane	ND		ug/kg	260	46.	1
1,2-Dichloroethane	ND		ug/kg	66	17.	1
1,1,1-Trichloroethane	ND		ug/kg	33	11.	1
Bromodichloromethane	ND		ug/kg	33	7.2	1
trans-1,3-Dichloropropene	ND		ug/kg	66	18.	1
cis-1,3-Dichloropropene	ND		ug/kg	33	10.	1
Bromoform	ND		ug/kg	260	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	33	11.	1
Benzene	ND		ug/kg	33	11.	1
Toluene	ND		ug/kg	66	36.	1
Ethylbenzene	10	J	ug/kg	66	9.3	1
Chloromethane	ND		ug/kg	260	62.	1
Bromomethane	ND		ug/kg	130	38.	1
Vinyl chloride	ND		ug/kg	66	22.	1
Chloroethane	ND		ug/kg	130	30.	1
1,1-Dichloroethene	ND		ug/kg	66	16.	1
trans-1,2-Dichloroethene	ND		ug/kg	99	9.1	1
Trichloroethene	ND		ug/kg	33	9.1	1
1,2-Dichlorobenzene	18	J	ug/kg	130	9.5	1

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-04
Client ID: TP-03-6T09-07092025
Sample Location: 140 LEE STREET

Date Collected: 07/09/25 09:00
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	130	9.8	1
1,4-Dichlorobenzene	24	J	ug/kg	130	11.	1
Methyl tert butyl ether	ND		ug/kg	130	13.	1
p/m-Xylene	ND		ug/kg	130	37.	1
o-Xylene	ND		ug/kg	66	19.	1
cis-1,2-Dichloroethene	ND		ug/kg	66	12.	1
Styrene	ND		ug/kg	66	13.	1
Dichlorodifluoromethane	ND		ug/kg	660	61.	1
Acetone	ND		ug/kg	660	320	1
Carbon disulfide	ND		ug/kg	660	300	1
2-Butanone	ND		ug/kg	660	150	1
4-Methyl-2-pentanone	ND		ug/kg	660	85.	1
2-Hexanone	ND		ug/kg	660	78.	1
1,2-Dibromoethane	ND		ug/kg	66	18.	1
n-Butylbenzene	ND		ug/kg	66	11.	1
sec-Butylbenzene	ND		ug/kg	66	9.7	1
tert-Butylbenzene	ND		ug/kg	130	7.8	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	200	66.	1
Isopropylbenzene	ND		ug/kg	66	7.2	1
p-Isopropyltoluene	ND		ug/kg	66	7.2	1
Naphthalene	ND		ug/kg	260	43.	1
n-Propylbenzene	ND		ug/kg	66	11.	1
1,2,4-Trichlorobenzene	25	J	ug/kg	130	18.	1
1,3,5-Trimethylbenzene	ND		ug/kg	130	13.	1
1,2,4-Trimethylbenzene	ND		ug/kg	130	22.	1
Methyl Acetate	88	J	ug/kg	260	63.	1
Cyclohexane	ND		ug/kg	660	36.	1
Freon-113	ND		ug/kg	260	46.	1
Methyl cyclohexane	ND		ug/kg	260	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	116		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	122		70-130
Dibromofluoromethane	110		70-130

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-05
Client ID: TP-04-CL-07092025
Sample Location: 140 LEE STREET

Date Collected: 07/09/25 10:55
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8260D
Analytical Date: 07/19/25 16:31
Analyst: JIC
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/kg	5.5	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	ND		ug/kg	0.55	0.21	1
Chlorobenzene	53		ug/kg	0.55	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.55	0.18	1
Bromodichloromethane	ND		ug/kg	0.55	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.55	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.55	0.18	1
Benzene	0.94		ug/kg	0.55	0.18	1
Toluene	0.92	J	ug/kg	1.1	0.60	1
Ethylbenzene	0.34	J	ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.64	1
Vinyl chloride	ND		ug/kg	1.1	0.37	1
Chloroethane	ND		ug/kg	2.2	0.50	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1
Trichloroethene	ND		ug/kg	0.55	0.15	1
1,2-Dichlorobenzene	77		ug/kg	2.2	0.16	1

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-05
Client ID: TP-04-CL-07092025
Sample Location: 140 LEE STREET

Date Collected: 07/09/25 10:55
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	0.87	J	ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	12		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	0.89	J	ug/kg	2.2	0.61	1
o-Xylene	0.59	J	ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.3	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
2-Hexanone	ND		ug/kg	11	1.3	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	26		ug/kg	4.4	0.71	1
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,4-Trichlorobenzene	0.91	J	ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	0.21	J	ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	0.66	J	ug/kg	2.2	0.37	1
Methyl Acetate	ND		ug/kg	4.4	1.0	1
Cyclohexane	ND		ug/kg	11	0.60	1
Freon-113	ND		ug/kg	4.4	0.76	1
Methyl cyclohexane	ND		ug/kg	4.4	0.66	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	119		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	109		70-130

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/19/25 15:08
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG2093139-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/19/25 15:08
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG2093139-5					
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
2-Hexanone	ND		ug/kg	10	1.2
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
Methyl Acetate	ND		ug/kg	4.0	0.95
Cyclohexane	ND		ug/kg	10	0.54
Freon-113	ND		ug/kg	4.0	0.69
Methyl cyclohexane	ND		ug/kg	4.0	0.60

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/19/25 15:08
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 05 Batch: WG2093139-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	109		70-130

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/19/25 15:08
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-04 Batch: WG2093141-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/19/25 15:08
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-04 Batch: WG2093141-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/19/25 15:08
Analyst: MNF

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02-04 Batch: WG2093141-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	120		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	117		70-130
Dibromofluoromethane	109		70-130

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/21/25 15:13
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02-03 Batch: WG2093587-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	ND		ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/21/25 15:13
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02-03 Batch: WG2093587-5					
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
2-Hexanone	ND		ug/kg	500	59.
1,2-Dibromoethane	ND		ug/kg	50	14.
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
Methyl Acetate	ND		ug/kg	200	48.
Cyclohexane	ND		ug/kg	500	27.
Freon-113	ND		ug/kg	200	35.
Methyl cyclohexane	ND		ug/kg	200	30.

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/21/25 15:13
Analyst: JIC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 02-03 Batch: WG2093587-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	96		70-130

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E
Lab Number: L2542776
Report Date: 07/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 07/24/25 04:50
Analyst: MCM
TCLP/SPLP Extraction Date: 07/22/25 05:47

Extraction Date: 07/22/25 05:47

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG2094554-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	89		70-130
dibromofluoromethane	110		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2093139-3 WG2093139-4								
Methylene chloride	91		94		70-130	3		30
1,1-Dichloroethane	105		104		70-130	1		30
Chloroform	99		99		70-130	0		30
Carbon tetrachloride	108		108		70-130	0		30
1,2-Dichloropropane	107		110		70-130	3		30
Dibromochloromethane	96		103		70-130	7		30
1,1,2-Trichloroethane	97		103		70-130	6		30
Tetrachloroethene	107		107		70-130	0		30
Chlorobenzene	102		102		70-130	0		30
Trichlorofluoromethane	85		83		70-139	2		30
1,2-Dichloroethane	101		106		70-130	5		30
1,1,1-Trichloroethane	104		103		70-130	1		30
Bromodichloromethane	100		103		70-130	3		30
trans-1,3-Dichloropropene	107		113		70-130	5		30
cis-1,3-Dichloropropene	117		121		70-130	3		30
Bromoform	83		91		70-130	9		30
1,1,2,2-Tetrachloroethane	87		98		70-130	12		30
Benzene	110		110		70-130	0		30
Toluene	90		91		70-130	1		30
Ethylbenzene	104		104		70-130	0		30
Chloromethane	87		84		52-130	4		30
Bromomethane	81		77		57-147	5		30
Vinyl chloride	92		88		67-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2093139-3 WG2093139-4								
Chloroethane	77		76		50-151	1		30
1,1-Dichloroethene	88		92		65-135	4		30
trans-1,2-Dichloroethene	89		87		70-130	2		30
Trichloroethene	108		108		70-130	0		30
1,2-Dichlorobenzene	98		100		70-130	2		30
1,3-Dichlorobenzene	100		101		70-130	1		30
1,4-Dichlorobenzene	100		102		70-130	2		30
Methyl tert butyl ether	104		110		66-130	6		30
p/m-Xylene	108		108		70-130	0		30
o-Xylene	107		108		70-130	1		30
cis-1,2-Dichloroethene	104		105		70-130	1		30
Styrene	108		110		70-130	2		30
Dichlorodifluoromethane	97		94		30-146	3		30
Acetone	62		74		54-140	18		30
Carbon disulfide	83		87		59-130	5		30
2-Butanone	88		99		70-130	12		30
4-Methyl-2-pentanone	87		101		70-130	15		30
2-Hexanone	76		86		70-130	12		30
1,2-Dibromoethane	98		106		70-130	8		30
n-Butylbenzene	112		113		70-130	1		30
sec-Butylbenzene	107		107		70-130	0		30
tert-Butylbenzene	107		107		70-130	0		30
1,2-Dibromo-3-chloropropane	71		84		68-130	17		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 05 Batch: WG2093139-3 WG2093139-4								
Isopropylbenzene	107		107		70-130	0		30
p-Isopropyltoluene	109		110		70-130	1		30
Naphthalene	82		90		70-130	9		30
n-Propylbenzene	106		107		70-130	1		30
1,2,4-Trichlorobenzene	108		110		70-130	2		30
1,3,5-Trimethylbenzene	109		110		70-130	1		30
1,2,4-Trimethylbenzene	113		114		70-130	1		30
Methyl Acetate	78		86		51-146	10		30
Cyclohexane	117		115		59-142	2		30
Freon-113	92		93		50-139	1		30
Methyl cyclohexane	109		109		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		109		70-130
Toluene-d8	106		107		70-130
4-Bromofluorobenzene	118		120		70-130
Dibromofluoromethane	102		105		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG2093141-3 WG2093141-4								
Methylene chloride	91		94		70-130	3		30
1,1-Dichloroethane	105		104		70-130	1		30
Chloroform	99		99		70-130	0		30
Carbon tetrachloride	108		108		70-130	0		30
1,2-Dichloropropane	107		110		70-130	3		30
Dibromochloromethane	96		103		70-130	7		30
1,1,2-Trichloroethane	97		103		70-130	6		30
Tetrachloroethene	107		107		70-130	0		30
Chlorobenzene	102		102		70-130	0		30
Trichlorofluoromethane	85		83		70-139	2		30
1,2-Dichloroethane	101		106		70-130	5		30
1,1,1-Trichloroethane	104		103		70-130	1		30
Bromodichloromethane	100		103		70-130	3		30
trans-1,3-Dichloropropene	107		113		70-130	5		30
cis-1,3-Dichloropropene	117		121		70-130	3		30
Bromoform	83		91		70-130	9		30
1,1,2,2-Tetrachloroethane	87		98		70-130	12		30
Benzene	110		110		70-130	0		30
Toluene	90		91		70-130	1		30
Ethylbenzene	104		104		70-130	0		30
Chloromethane	87		84		52-130	4		30
Bromomethane	81		77		57-147	5		30
Vinyl chloride	92		88		67-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG2093141-3 WG2093141-4								
Chloroethane	77		76		50-151	1		30
1,1-Dichloroethene	88		92		65-135	4		30
trans-1,2-Dichloroethene	89		87		70-130	2		30
Trichloroethene	108		108		70-130	0		30
1,2-Dichlorobenzene	98		100		70-130	2		30
1,3-Dichlorobenzene	100		101		70-130	1		30
1,4-Dichlorobenzene	100		102		70-130	2		30
Methyl tert butyl ether	104		110		66-130	6		30
p/m-Xylene	108		108		70-130	0		30
o-Xylene	107		108		70-130	1		30
cis-1,2-Dichloroethene	104		105		70-130	1		30
Styrene	108		110		70-130	2		30
Dichlorodifluoromethane	97		94		30-146	3		30
Acetone	62		74		54-140	18		30
Carbon disulfide	83		87		59-130	5		30
2-Butanone	88		99		70-130	12		30
4-Methyl-2-pentanone	87		101		70-130	15		30
2-Hexanone	76		86		70-130	12		30
1,2-Dibromoethane	98		106		70-130	8		30
n-Butylbenzene	112		113		70-130	1		30
sec-Butylbenzene	107		107		70-130	0		30
tert-Butylbenzene	107		107		70-130	0		30
1,2-Dibromo-3-chloropropane	71		84		68-130	17		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-04 Batch: WG2093141-3 WG2093141-4								
Isopropylbenzene	107		107		70-130	0		30
p-Isopropyltoluene	109		110		70-130	1		30
Naphthalene	82		90		70-130	9		30
n-Propylbenzene	106		107		70-130	1		30
1,2,4-Trichlorobenzene	108		110		70-130	2		30
1,3,5-Trimethylbenzene	109		110		70-130	1		30
1,2,4-Trimethylbenzene	113		114		70-130	1		30
Methyl Acetate	78		86		51-146	10		30
Cyclohexane	117		115		59-142	2		30
Freon-113	92		93		50-139	1		30
Methyl cyclohexane	109		109		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		108		70-130
Toluene-d8	106		106		70-130
4-Bromofluorobenzene	118		120		70-130
Dibromofluoromethane	102		104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02-03 Batch: WG2093587-3 WG2093587-4								
Methylene chloride	76		**69**	Q	70-130	10		30
1,1-Dichloroethane	89		81		70-130	9		30
Chloroform	80		74		70-130	8		30
Carbon tetrachloride	76		72		70-130	5		30
1,2-Dichloropropane	88		83		70-130	6		30
Dibromochloromethane	81		77		70-130	5		30
1,1,2-Trichloroethane	82		76		70-130	8		30
Tetrachloroethene	84		79		70-130	6		30
Chlorobenzene	83		78		70-130	6		30
Trichlorofluoromethane	84		76		70-139	10		30
1,2-Dichloroethane	91		84		70-130	8		30
1,1,1-Trichloroethane	81		76		70-130	6		30
Bromodichloromethane	80		76		70-130	5		30
trans-1,3-Dichloropropene	84		79		70-130	6		30
cis-1,3-Dichloropropene	82		77		70-130	6		30
Bromoform	78		75		70-130	4		30
1,1,2,2-Tetrachloroethane	81		75		70-130	8		30
Benzene	80		75		70-130	6		30
Toluene	81		75		70-130	8		30
Ethylbenzene	83		78		70-130	6		30
Chloromethane	102		89		52-130	14		30
Bromomethane	81		73		57-147	10		30
Vinyl chloride	89		78		67-130	13		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02-03 Batch: WG2093587-3 WG2093587-4								
Chloroethane	90		80		50-151	12		30
1,1-Dichloroethene	79		72		65-135	9		30
trans-1,2-Dichloroethene	79		73		70-130	8		30
Trichloroethene	80		76		70-130	5		30
1,2-Dichlorobenzene	85		80		70-130	6		30
1,3-Dichlorobenzene	86		81		70-130	6		30
1,4-Dichlorobenzene	86		80		70-130	7		30
Methyl tert butyl ether	85		78		66-130	9		30
p/m-Xylene	84		79		70-130	6		30
o-Xylene	83		78		70-130	6		30
cis-1,2-Dichloroethene	78		72		70-130	8		30
Styrene	84		80		70-130	5		30
Dichlorodifluoromethane	73		65		30-146	12		30
Acetone	83		72		54-140	14		30
Carbon disulfide	69		63		59-130	9		30
2-Butanone	92		84		70-130	9		30
4-Methyl-2-pentanone	93		84		70-130	10		30
2-Hexanone	94		85		70-130	10		30
1,2-Dibromoethane	81		77		70-130	5		30
n-Butylbenzene	85		78		70-130	9		30
sec-Butylbenzene	84		78		70-130	7		30
tert-Butylbenzene	83		78		70-130	6		30
1,2-Dibromo-3-chloropropane	72		68		68-130	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 02-03 Batch: WG2093587-3 WG2093587-4								
Isopropylbenzene	84		79		70-130	6		30
p-Isopropyltoluene	84		79		70-130	6		30
Naphthalene	81		77		70-130	5		30
n-Propylbenzene	85		79		70-130	7		30
1,2,4-Trichlorobenzene	92		87		70-130	6		30
1,3,5-Trimethylbenzene	84		79		70-130	6		30
1,2,4-Trimethylbenzene	84		79		70-130	6		30
Methyl Acetate	101		90		51-146	12		30
Cyclohexane	96		88		59-142	9		30
Freon-113	80		72		50-139	11		30
Methyl cyclohexane	77		72		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	106		104		70-130
Toluene-d8	99		99		70-130
4-Bromofluorobenzene	100		98		70-130
Dibromofluoromethane	97		96		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG2094554-3 WG2094554-4								
Chloroform	93		92		70-130	1		20
Carbon tetrachloride	120		100		63-132	18		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	94		94		75-130	0		25
1,2-Dichloroethane	88		87		70-130	1		20
Benzene	92		92		70-130	0		25
Vinyl chloride	100		100		55-140	0		20
1,1-Dichloroethene	94		94		61-145	0		25
Trichloroethene	94		90		70-130	4		25
1,4-Dichlorobenzene	88		88		70-130	0		20
2-Butanone	88		84		63-138	5		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	90		89		70-130
Toluene-d8	96		96		70-130
4-Bromofluorobenzene	84		85		70-130
dibromofluoromethane	105		105		70-130

SEMIVOLATILES

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-01
Client ID: TP-01-07082025
Sample Location: 140 LEE STREET

Date Collected: 07/08/25 12:00
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8270E
Analytical Date: 07/17/25 08:43
Analyst: SLR
Percent Solids: 85%
TCLP/SPLP Ext. Date: 07/11/25 05:39

Extraction Method: EPA 3510C
Extraction Date: 07/14/25 08:43

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Semivolatiles by EPA 1311 - Westborough Lab						
Hexachlorobenzene	ND		ug/l	2.0	0.45	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
Hexachlorobutadiene	ND		ug/l	2.0	0.36	1
Hexachloroethane	ND		ug/l	2.0	0.20	1
Nitrobenzene	17.		ug/l	2.0	0.20	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1
Pentachlorophenol	ND		ug/l	10	2.5	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Pyridine	ND		ug/l	3.5	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	44		21-120
Phenol-d6	32		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	74		10-120
4-Terphenyl-d14	65		41-149

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-02
Client ID: TP-01-72-07082025
Sample Location: 140 LEE STREET

Date Collected: 07/08/25 12:20
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8270E
Analytical Date: 07/18/25 00:36
Analyst: IMK
Percent Solids: 77%

Extraction Method: EPA 3540C
Extraction Date: 07/17/25 03:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	74	J	ug/kg	170	22.	1
Hexachlorobenzene	1500		ug/kg	130	24.	1
Bis(2-chloroethyl)ether	ND		ug/kg	190	29.	1
2-Chloronaphthalene	ND		ug/kg	220	21.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	58.	1
2,4-Dinitrotoluene	ND		ug/kg	220	43.	1
2,6-Dinitrotoluene	ND		ug/kg	220	37.	1
Fluoranthene	330		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	23.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	33.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	37.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	230	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	620	200	1
Hexachloroethane	ND		ug/kg	170	35.	1
Isophorone	ND		ug/kg	190	28.	1
Naphthalene	540		ug/kg	220	26.	1
Nitrobenzene	520		ug/kg	190	32.	1
NDPA/DPA	ND		ug/kg	170	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	33.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	75.	1
Butyl benzyl phthalate	ND		ug/kg	220	54.	1
Di-n-butylphthalate	ND		ug/kg	220	41.	1
Di-n-octylphthalate	ND		ug/kg	220	74.	1
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	45.	1
Benzo(a)anthracene	110	J	ug/kg	130	24.	1
Benzo(a)pyrene	82	J	ug/kg	170	53.	1

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-02 Date Collected: 07/08/25 12:20

Client ID: TP-01-72-07082025 Date Received: 07/09/25

Sample Location: 140 LEE STREET Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	130		ug/kg	130	36.	1
Benzo(k)fluoranthene	40	J	ug/kg	130	35.	1
Chrysene	130		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	59	J	ug/kg	130	42.	1
Benzo(ghi)perylene	51	J	ug/kg	170	25.	1
Fluorene	68	J	ug/kg	220	21.	1
Phenanthrene	330		ug/kg	130	26.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	25.	1
Indeno(1,2,3-cd)pyrene	50	J	ug/kg	170	30.	1
Pyrene	250		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	490	28.	1
4-Chloroaniline	ND		ug/kg	220	39.	1
2-Nitroaniline	ND		ug/kg	220	42.	1
3-Nitroaniline	ND		ug/kg	220	41.	1
4-Nitroaniline	ND		ug/kg	220	90.	1
Dibenzofuran	66	J	ug/kg	220	20.	1
2-Methylnaphthalene	74	J	ug/kg	260	26.	1
1,2,4,5-Tetrachlorobenzene	780		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	41.	1
p-Chloro-m-cresol	ND		ug/kg	220	32.	1
2-Chlorophenol	610		ug/kg	220	26.	1
2,4-Dichlorophenol	130	J	ug/kg	190	35.	1
2,4-Dimethylphenol	ND		ug/kg	220	71.	1
2-Nitrophenol	ND		ug/kg	470	81.	1
4-Nitrophenol	ND		ug/kg	300	88.	1
2,4-Dinitrophenol	ND		ug/kg	1000	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	560	100	1
Pentachlorophenol	ND		ug/kg	170	48.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	310	34.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Carbazole	48	J	ug/kg	220	21.	1
Atrazine	ND		ug/kg	170	76.	1
Benzaldehyde	ND		ug/kg	280	58.	1

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-02
Client ID: TP-01-72-07082025
Sample Location: 140 LEE STREET

Date Collected: 07/08/25 12:20
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	66.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	44.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	86		25-120
Phenol-d6	87		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	58		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	47		18-120

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-03
Client ID: TP-02-60-07082025
Sample Location: 140 LEE STREET

Date Collected: 07/08/25 13:50
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8270E
Analytical Date: 07/18/25 00:59
Analyst: IMK
Percent Solids: 75%

Extraction Method: EPA 3540C
Extraction Date: 07/17/25 03:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	180	23.	1
Hexachlorobenzene	ND		ug/kg	130	25.	1
Bis(2-chloroethyl)ether	ND		ug/kg	200	30.	1
2-Chloronaphthalene	ND		ug/kg	220	22.	1
3,3'-Dichlorobenzidine	ND		ug/kg	220	59.	1
2,4-Dinitrotoluene	ND		ug/kg	220	44.	1
2,6-Dinitrotoluene	ND		ug/kg	220	38.	1
Fluoranthene	ND		ug/kg	130	25.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	220	24.	1
4-Bromophenyl phenyl ether	ND		ug/kg	220	34.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	260	38.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	240	22.	1
Hexachlorobutadiene	ND		ug/kg	220	32.	1
Hexachlorocyclopentadiene	ND		ug/kg	630	200	1
Hexachloroethane	ND		ug/kg	180	36.	1
Isophorone	ND		ug/kg	200	29.	1
Naphthalene	88	J	ug/kg	220	27.	1
Nitrobenzene	ND		ug/kg	200	33.	1
NDPA/DPA	ND		ug/kg	180	25.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	220	34.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	220	77.	1
Butyl benzyl phthalate	ND		ug/kg	220	56.	1
Di-n-butylphthalate	ND		ug/kg	220	42.	1
Di-n-octylphthalate	ND		ug/kg	220	75.	1
Diethyl phthalate	ND		ug/kg	220	20.	1
Dimethyl phthalate	ND		ug/kg	220	46.	1
Benzo(a)anthracene	ND		ug/kg	130	25.	1
Benzo(a)pyrene	ND		ug/kg	180	54.	1

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-03 Date Collected: 07/08/25 13:50

Client ID: TP-02-60-07082025 Date Received: 07/09/25

Sample Location: 140 LEE STREET Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	130	37.	1
Benzo(k)fluoranthene	ND		ug/kg	130	35.	1
Chrysene	ND		ug/kg	130	23.	1
Acenaphthylene	ND		ug/kg	180	34.	1
Anthracene	ND		ug/kg	130	43.	1
Benzo(ghi)perylene	ND		ug/kg	180	26.	1
Fluorene	ND		ug/kg	220	22.	1
Phenanthrene	ND		ug/kg	130	27.	1
Dibenzo(a,h)anthracene	ND		ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	180	31.	1
Pyrene	ND		ug/kg	130	22.	1
Biphenyl	ND		ug/kg	500	29.	1
4-Chloroaniline	ND		ug/kg	220	40.	1
2-Nitroaniline	ND		ug/kg	220	43.	1
3-Nitroaniline	ND		ug/kg	220	42.	1
4-Nitroaniline	ND		ug/kg	220	92.	1
Dibenzofuran	ND		ug/kg	220	21.	1
2-Methylnaphthalene	ND		ug/kg	260	27.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	220	23.	1
Acetophenone	ND		ug/kg	220	27.	1
2,4,6-Trichlorophenol	ND		ug/kg	130	42.	1
p-Chloro-m-cresol	ND		ug/kg	220	33.	1
2-Chlorophenol	160	J	ug/kg	220	26.	1
2,4-Dichlorophenol	ND		ug/kg	200	36.	1
2,4-Dimethylphenol	ND		ug/kg	220	73.	1
2-Nitrophenol	ND		ug/kg	480	83.	1
4-Nitrophenol	ND		ug/kg	310	90.	1
2,4-Dinitrophenol	ND		ug/kg	1100	100	1
4,6-Dinitro-o-cresol	ND		ug/kg	580	110	1
Pentachlorophenol	ND		ug/kg	180	49.	1
Phenol	ND		ug/kg	220	33.	1
2-Methylphenol	ND		ug/kg	220	34.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	320	35.	1
2,4,5-Trichlorophenol	ND		ug/kg	220	42.	1
Carbazole	ND		ug/kg	220	22.	1
Atrazine	ND		ug/kg	180	78.	1
Benzaldehyde	ND		ug/kg	290	60.	1

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-03 Date Collected: 07/08/25 13:50

Client ID: TP-02-60-07082025 Date Received: 07/09/25

Sample Location: 140 LEE STREET Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	220	67.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	220	45.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	42		30-120
2,4,6-Tribromophenol	57		10-136
4-Terphenyl-d14	26		18-120

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-04
Client ID: TP-03-6T09-07092025
Sample Location: 140 LEE STREET

Date Collected: 07/09/25 09:00
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8270E
Analytical Date: 07/18/25 01:23
Analyst: IMK
Percent Solids: 82%

Extraction Method: EPA 3540C
Extraction Date: 07/17/25 03:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	160	21.	1
Hexachlorobenzene	ND		ug/kg	120	22.	1
Bis(2-chloroethyl)ether	ND		ug/kg	180	27.	1
2-Chloronaphthalene	ND		ug/kg	200	20.	1
3,3'-Dichlorobenzidine	ND		ug/kg	200	53.	1
2,4-Dinitrotoluene	ND		ug/kg	200	40.	1
2,6-Dinitrotoluene	ND		ug/kg	200	34.	1
Fluoranthene	33	J	ug/kg	120	23.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	200	21.	1
4-Bromophenyl phenyl ether	ND		ug/kg	200	30.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	240	34.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	20.	1
Hexachlorobutadiene	ND		ug/kg	200	29.	1
Hexachlorocyclopentadiene	ND		ug/kg	570	180	1
Hexachloroethane	ND		ug/kg	160	32.	1
Isophorone	ND		ug/kg	180	26.	1
Naphthalene	69	J	ug/kg	200	24.	1
Nitrobenzene	ND		ug/kg	180	29.	1
NDPA/DPA	ND		ug/kg	160	23.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	200	31.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	200	69.	1
Butyl benzyl phthalate	ND		ug/kg	200	50.	1
Di-n-butylphthalate	ND		ug/kg	200	38.	1
Di-n-octylphthalate	ND		ug/kg	200	68.	1
Diethyl phthalate	ND		ug/kg	200	18.	1
Dimethyl phthalate	ND		ug/kg	200	42.	1
Benzo(a)anthracene	ND		ug/kg	120	22.	1
Benzo(a)pyrene	ND		ug/kg	160	48.	1

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-04 Date Collected: 07/09/25 09:00

Client ID: TP-03-6T09-07092025 Date Received: 07/09/25

Sample Location: 140 LEE STREET Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	ND		ug/kg	120	33.	1
Benzo(k)fluoranthene	ND		ug/kg	120	32.	1
Chrysene	ND		ug/kg	120	21.	1
Acenaphthylene	ND		ug/kg	160	31.	1
Anthracene	ND		ug/kg	120	39.	1
Benzo(ghi)perylene	ND		ug/kg	160	23.	1
Fluorene	ND		ug/kg	200	19.	1
Phenanthrene	ND		ug/kg	120	24.	1
Dibenzo(a,h)anthracene	ND		ug/kg	120	23.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	160	28.	1
Pyrene	23	J	ug/kg	120	20.	1
Biphenyl	ND		ug/kg	450	26.	1
4-Chloroaniline	ND		ug/kg	200	36.	1
2-Nitroaniline	ND		ug/kg	200	38.	1
3-Nitroaniline	ND		ug/kg	200	38.	1
4-Nitroaniline	ND		ug/kg	200	82.	1
Dibenzofuran	ND		ug/kg	200	19.	1
2-Methylnaphthalene	ND		ug/kg	240	24.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	200	21.	1
Acetophenone	ND		ug/kg	200	25.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	38.	1
p-Chloro-m-cresol	ND		ug/kg	200	30.	1
2-Chlorophenol	140	J	ug/kg	200	24.	1
2,4-Dichlorophenol	ND		ug/kg	180	32.	1
2,4-Dimethylphenol	ND		ug/kg	200	66.	1
2-Nitrophenol	ND		ug/kg	430	75.	1
4-Nitrophenol	ND		ug/kg	280	81.	1
2,4-Dinitrophenol	ND		ug/kg	950	93.	1
4,6-Dinitro-o-cresol	ND		ug/kg	520	95.	1
Pentachlorophenol	ND		ug/kg	160	44.	1
Phenol	ND		ug/kg	200	30.	1
2-Methylphenol	ND		ug/kg	200	31.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	290	31.	1
2,4,5-Trichlorophenol	ND		ug/kg	200	38.	1
Carbazole	ND		ug/kg	200	19.	1
Atrazine	ND		ug/kg	160	70.	1
Benzaldehyde	ND		ug/kg	260	54.	1

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-04
Client ID: TP-03-6T09-07092025
Sample Location: 140 LEE STREET

Date Collected: 07/09/25 09:00
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	200	60.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	200	40.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	87		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	94		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	78		18-120

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-05
Client ID: TP-04-CL-07092025
Sample Location: 140 LEE STREET

Date Collected: 07/09/25 10:55
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8270E
Analytical Date: 07/17/25 22:14
Analyst: IMK
Percent Solids: 86%

Extraction Method: EPA 3540C
Extraction Date: 07/17/25 03:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	69	J	ug/kg	150	20.	1
Hexachlorobenzene	ND		ug/kg	120	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	51.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	73	J	ug/kg	190	33.	1
Fluoranthene	990		ug/kg	120	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	33.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	210	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	550	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	25.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	30.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	66.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	65.	1
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	430		ug/kg	120	22.	1
Benzo(a)pyrene	370		ug/kg	150	47.	1

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-05
Client ID: TP-04-CL-07092025
Sample Location: 140 LEE STREET

Date Collected: 07/09/25 10:55
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	460		ug/kg	120	32.	1
Benzo(k)fluoranthene	180		ug/kg	120	31.	1
Chrysene	390		ug/kg	120	20.	1
Acenaphthylene	81	J	ug/kg	150	30.	1
Anthracene	220		ug/kg	120	37.	1
Benzo(ghi)perylene	190		ug/kg	150	22.	1
Fluorene	130	J	ug/kg	190	19.	1
Phenanthrene	690		ug/kg	120	23.	1
Dibenzo(a,h)anthracene	50	J	ug/kg	120	22.	1
Indeno(1,2,3-cd)pyrene	210		ug/kg	150	27.	1
Pyrene	820		ug/kg	120	19.	1
Biphenyl	ND		ug/kg	440	25.	1
4-Chloroaniline	ND		ug/kg	190	35.	1
2-Nitroaniline	ND		ug/kg	190	37.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	79.	1
Dibenzofuran	78	J	ug/kg	190	18.	1
2-Methylnaphthalene	97	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	24.	1
2,4,6-Trichlorophenol	ND		ug/kg	120	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	23.	1
2,4-Dichlorophenol	ND		ug/kg	170	31.	1
2,4-Dimethylphenol	ND		ug/kg	190	63.	1
2-Nitrophenol	ND		ug/kg	410	72.	1
4-Nitrophenol	ND		ug/kg	270	78.	1
2,4-Dinitrophenol	ND		ug/kg	920	89.	1
4,6-Dinitro-o-cresol	ND		ug/kg	500	92.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	29.	1
2-Methylphenol	ND		ug/kg	190	30.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	280	30.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	37.	1
Carbazole	110	J	ug/kg	190	19.	1
Atrazine	ND		ug/kg	150	67.	1
Benzaldehyde	ND		ug/kg	250	52.	1

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-05
Client ID: TP-04-CL-07092025
Sample Location: 140 LEE STREET

Date Collected: 07/09/25 10:55
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	58.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	39.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	86		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	68		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	74		18-120

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E
Lab Number: L2542776
Report Date: 07/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/17/25 01:10
Analyst: SLR
TCLP/SPLP Extraction Date: 07/09/25 14:26

Extraction Method: EPA 3510C
Extraction Date: 07/14/25 08:43

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Semivolatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG2090192-1					
Hexachlorobenzene	ND		ug/l	2.0	0.45
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
Hexachlorobutadiene	ND		ug/l	2.0	0.36
Hexachloroethane	ND		ug/l	2.0	0.20
Nitrobenzene	ND		ug/l	2.0	0.20
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
Pentachlorophenol	ND		ug/l	10	2.5
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Pyridine	ND		ug/l	3.5	0.31

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	41		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	58		41-149

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/17/25 19:17
Analyst: MRG

Extraction Method: EPA 3540C
Extraction Date: 07/17/25 03:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-05 Batch: WG2091641-1					
Acenaphthene	ND		ug/kg	130	17.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/17/25 19:17
Analyst: MRG

Extraction Method: EPA 3540C
Extraction Date: 07/17/25 03:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-05 Batch: WG2091641-1					
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	22.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 07/17/25 19:17
Analyst: MRG

Extraction Method: EPA 3540C
Extraction Date: 07/17/25 03:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 02-05 Batch: WG2091641-1					
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	58.
Benzaldehyde	ND		ug/kg	220	45.
Caprolactam	ND		ug/kg	160	50.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	72		30-120
2,4,6-Tribromophenol	80		10-136
4-Terphenyl-d14	76		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Semivolatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG2090192-2 WG2090192-3								
Hexachlorobenzene	72		68		40-140	6		30
2,4-Dinitrotoluene	82		75		48-143	9		30
Hexachlorobutadiene	45		48		40-140	6		30
Hexachloroethane	54		64		40-140	17		30
Nitrobenzene	77		74		40-140	4		30
2,4,6-Trichlorophenol	81		76		30-130	6		30
Pentachlorophenol	89		85		9-103	5		30
2-Methylphenol	66		60		30-130	10		30
3-Methylphenol/4-Methylphenol	80		76		30-130	5		30
2,4,5-Trichlorophenol	85		77		30-130	10		30
Pyridine	51		44		10-66	15		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	51		48		21-120
Phenol-d6	36		33		10-120
Nitrobenzene-d5	78		72		23-120
2-Fluorobiphenyl	62		55		15-120
2,4,6-Tribromophenol	77		75		10-120
4-Terphenyl-d14	68		61		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-05 Batch: WG2091641-2 WG2091641-3								
Acenaphthene	67		73		31-137	9		50
Hexachlorobenzene	69		72		40-140	4		50
Bis(2-chloroethyl)ether	69		87		40-140	23		50
2-Chloronaphthalene	67		72		40-140	7		50
3,3'-Dichlorobenzidine	65		59		40-140	10		50
2,4-Dinitrotoluene	87		88		40-132	1		50
2,6-Dinitrotoluene	81		83		40-140	2		50
Fluoranthene	68		74		40-140	8		50
4-Chlorophenyl phenyl ether	65		69		40-140	6		50
4-Bromophenyl phenyl ether	68		71		40-140	4		50
Bis(2-chloroisopropyl)ether	78		87		40-140	11		50
Bis(2-chloroethoxy)methane	74		82		40-117	10		50
Hexachlorobutadiene	60		64		40-140	6		50
Hexachlorocyclopentadiene	**33**	Q	**38**	Q	40-140	14		50
Hexachloroethane	70		80		40-140	13		50
Isophorone	71		78		40-140	9		50
Naphthalene	69		75		40-140	8		50
Nitrobenzene	76		84		40-140	10		50
NDPA/DPA	70		74		36-157	6		50
n-Nitrosodi-n-propylamine	71		78		32-121	9		50
Bis(2-ethylhexyl)phthalate	86		93		40-140	8		50
Butyl benzyl phthalate	83		88		40-140	6		50
Di-n-butylphthalate	79		84		40-140	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-05 Batch: WG2091641-2 WG2091641-3								
Di-n-octylphthalate	88		98		40-140	11		50
Diethyl phthalate	73		78		40-140	7		50
Dimethyl phthalate	66		71		40-140	7		50
Benzo(a)anthracene	68		73		40-140	7		50
Benzo(a)pyrene	70		77		40-140	10		50
Benzo(b)fluoranthene	74		76		40-140	3		50
Benzo(k)fluoranthene	68		78		40-140	14		50
Chrysene	67		75		40-140	11		50
Acenaphthylene	68		70		40-140	3		50
Anthracene	69		77		40-140	11		50
Benzo(ghi)perylene	71		80		40-140	12		50
Fluorene	70		73		40-140	4		50
Phenanthrene	68		76		40-140	11		50
Dibenzo(a,h)anthracene	71		77		40-140	8		50
Indeno(1,2,3-cd)pyrene	70		80		40-140	13		50
Pyrene	69		70		35-142	1		50
Biphenyl	69		73		37-127	6		50
4-Chloroaniline	65		61		40-140	6		50
2-Nitroaniline	88		93		47-134	6		50
3-Nitroaniline	84		78		26-129	7		50
4-Nitroaniline	81		83		41-125	2		50
Dibenzofuran	68		72		40-140	6		50
2-Methylnaphthalene	66		72		40-140	9		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-05 Batch: WG2091641-2 WG2091641-3								
1,2,4,5-Tetrachlorobenzene	62		67		40-117	8		50
Acetophenone	77		86		14-144	11		50
2,4,6-Trichlorophenol	68		71		30-130	4		50
p-Chloro-m-cresol	74		78		26-103	5		50
2-Chlorophenol	75		84		25-102	11		50
2,4-Dichlorophenol	76		79		30-130	4		50
2,4-Dimethylphenol	76		79		30-130	4		50
2-Nitrophenol	86		94		30-130	9		50
4-Nitrophenol	96		105		11-114	9		50
2,4-Dinitrophenol	80		94		4-130	16		50
4,6-Dinitro-o-cresol	100		104		10-130	4		50
Pentachlorophenol	73		74		17-109	1		50
Phenol	77		85		26-90	10		50
2-Methylphenol	77		82		30-130	6		50
3-Methylphenol/4-Methylphenol	78		82		30-130	5		50
2,4,5-Trichlorophenol	72		74		30-130	3		50
Carbazole	72		77		54-128	7		50
Atrazine	73		77		40-140	5		50
Benzaldehyde	78		82		40-140	5		50
Caprolactam	98		106		15-130	8		50
2,3,4,6-Tetrachlorophenol	67		72		40-140	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 02-05 Batch: WG2091641-2 WG2091641-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		86		25-120
Phenol-d6	75		82		10-120
Nitrobenzene-d5	76		80		23-120
2-Fluorobiphenyl	62		64		30-120
2,4,6-Tribromophenol	72		74		10-136
4-Terphenyl-d14	66		69		18-120

PCBS

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-01
Client ID: TP-01-07082025
Sample Location: 140 LEE STREET

Date Collected: 07/08/25 12:00
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8082A
Analytical Date: 07/16/25 13:38
Analyst: MEO
Percent Solids: 85%

Extraction Method: EPA 3540C
Extraction Date: 07/14/25 16:35
Cleanup Method: EPA 3665A
Cleanup Date: 07/15/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/16/25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	104	9.25	1	A
Aroclor 1221	ND		ug/kg	104	10.4	1	A
Aroclor 1232	ND		ug/kg	104	22.1	1	A
Aroclor 1242	ND		ug/kg	104	14.0	1	A
Aroclor 1248	ND		ug/kg	104	15.6	1	A
Aroclor 1254	ND		ug/kg	104	11.4	1	A
Aroclor 1260	ND		ug/kg	104	19.2	1	A
Aroclor 1262	ND		ug/kg	104	13.2	1	A
Aroclor 1268	ND		ug/kg	104	10.8	1	A
PCBs, Total	ND		ug/kg	104	9.25	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	77		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 07/16/25 12:48
Analyst: MEO

Extraction Method: EPA 3540C
Extraction Date: 07/14/25 16:35
Cleanup Method: EPA 3665A
Cleanup Date: 07/15/25
Cleanup Method: EPA 3660B
Cleanup Date: 07/16/25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01 Batch: WG2090453-1						
Aroclor 1016	ND		ug/kg	97.5	8.65	A
Aroclor 1221	ND		ug/kg	97.5	9.77	A
Aroclor 1232	ND		ug/kg	97.5	20.7	A
Aroclor 1242	ND		ug/kg	97.5	13.1	A
Aroclor 1248	ND		ug/kg	97.5	14.6	A
Aroclor 1254	ND		ug/kg	97.5	10.7	A
Aroclor 1260	ND		ug/kg	97.5	18.0	A
Aroclor 1262	ND		ug/kg	97.5	12.4	A
Aroclor 1268	ND		ug/kg	97.5	10.1	A
PCBs, Total	ND		ug/kg	97.5	8.65	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	67		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG2090453-2 WG2090453-3									
Aroclor 1016	90		80		40-140	12		50	A
Aroclor 1260	79		73		40-140	8		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		83		30-150	A
Decachlorobiphenyl	79		74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	97		86		30-150	B
Decachlorobiphenyl	66		62		30-150	B

PESTICIDES

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-01
Client ID: TP-01-07082025
Sample Location: 140 LEE STREET

Date Collected: 07/08/25 12:00
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8081B
Analytical Date: 07/15/25 16:02
Analyst: JAG
Percent Solids: 85%
TCLP/SPLP Ext. Date: 07/11/25 05:39

Extraction Method: EPA 3510C
Extraction Date: 07/14/25 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Pesticides by EPA 1311 - Westborough Lab							
Lindane	ND		ug/l	0.100	0.005	1	A
Heptachlor	ND		ug/l	0.100	0.005	1	A
Heptachlor epoxide	ND		ug/l	0.100	0.005	1	A
Endrin	ND		ug/l	0.200	0.008	1	A
Methoxychlor	ND		ug/l	1.00	0.014	1	A
Toxaphene	ND		ug/l	1.00	0.094	1	A
Chlordane	ND		ug/l	1.00	0.098	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	52		30-150	B
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	60		30-150	A

Project Name: SOUTH BUFFALO DEVELOPMENT
Lab Number: L2542776
Project Number: SBD-AREA-E
Report Date: 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-01
Client ID: TP-01-07082025
Sample Location: 140 LEE STREET

Date Collected: 07/08/25 12:00
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8151A
Analytical Date: 07/15/25 12:47
Analyst: AKM
Percent Solids: 85%
TCLP/SPLP Ext. Date: 07/11/25 05:39
Methylation Date: 07/15/25 02:35

Extraction Method: EPA 8151A
Extraction Date: 07/13/25 14:56

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
TCLP Herbicides by EPA 1311 - Westborough Lab							
2,4-D	ND		mg/l	0.025	0.001	1	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
DCAA	38		30-150	A
DCAA	39		30-150	B

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E
Lab Number: L2542776
Report Date: 07/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8151A
Analytical Date: 07/15/25 11:51
Analyst: AKM
TCLP/SPLP Extraction Date: 07/09/25 14:26
Methylation Date: 07/15/25 02:35

Extraction Method: EPA 8151A
Extraction Date: 07/13/25 14:56

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Herbicides by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG2090081-1						
2,4-D	ND		mg/l	0.025	0.001	A
2,4,5-TP (Silvex)	ND		mg/l	0.005	0.001	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
DCAA	50		30-150	A
DCAA	45		30-150	B

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E
Lab Number: L2542776
Report Date: 07/28/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/15/25 15:27
Analyst: JAG
TCLP/SPLP Extraction Date: 07/09/25 14:26

Extraction Method: EPA 3510C
Extraction Date: 07/14/25 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Column
TCLP Pesticides by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG2090191-1						
Lindane	ND		ug/l	0.100	0.005	A
Heptachlor	ND		ug/l	0.100	0.005	A
Heptachlor epoxide	ND		ug/l	0.100	0.005	A
Endrin	ND		ug/l	0.200	0.008	A
Methoxychlor	ND		ug/l	1.00	0.014	A
Toxaphene	ND		ug/l	1.00	0.094	A
Chlordane	ND		ug/l	1.00	0.098	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	63		30-150	B
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	66		30-150	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Herbicides by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG2090081-2 WG2090081-3									
2,4-D	73		77		30-150	5		25	A
2,4,5-TP (Silvex)	37		35		30-150	6		25	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
DCAA	45		45		30-150	A
DCAA	45		39		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
TCLP Pesticides by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG2090191-2 WG2090191-3									
Lindane	75		75		30-150	0		20	A
Heptachlor	68		77		30-150	13		20	A
Heptachlor epoxide	70		70		30-150	1		20	A
Endrin	72		72		30-150	0		20	A
Methoxychlor	72		72		30-150	1		20	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		71		30-150	B
Decachlorobiphenyl	56		60		30-150	B
2,4,5,6-Tetrachloro-m-xylene	54		70		30-150	A
Decachlorobiphenyl	61		65		30-150	A

METALS

Project Name: SOUTH BUFFALO DEVELOPMENT
Lab Number: L2542776
Project Number: SBD-AREA-E
Report Date: 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-01
Client ID: TP-01-07082025
Sample Location: 140 LEE STREET
Date Collected: 07/08/25 12:00
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Percent Solids: 85%
TCLP/SPLP Ext. Date: 07/11/25 05:39

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab											
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	07/23/25 22:12	07/25/25 22:46	EPA 3015	1,6010D	MFR
Barium, TCLP	0.854		mg/l	0.500	0.0210	1	07/23/25 22:12	07/25/25 22:46	EPA 3015	1,6010D	MFR
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	07/23/25 22:12	07/25/25 22:46	EPA 3015	1,6010D	MFR
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	07/23/25 22:12	07/25/25 22:46	EPA 3015	1,6010D	MFR
Lead, TCLP	ND		mg/l	0.500	0.0270	1	07/23/25 22:12	07/25/25 22:46	EPA 3015	1,6010D	MFR
Mercury, TCLP	0.0005	J	mg/l	0.0010	0.0005	1	07/23/25 22:07	07/24/25 08:59	EPA 7470A	1,7470A	CME
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	07/23/25 22:12	07/25/25 22:46	EPA 3015	1,6010D	MFR
Silver, TCLP	ND		mg/l	0.100	0.0280	1	07/23/25 22:12	07/25/25 22:46	EPA 3015	1,6010D	MFR

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2094282-1										
Arsenic, TCLP	ND		mg/l	1.00	0.0190	1	07/23/25 22:12	07/25/25 22:19	1,6010D	MFR
Barium, TCLP	ND		mg/l	0.500	0.0210	1	07/23/25 22:12	07/25/25 22:19	1,6010D	MFR
Cadmium, TCLP	ND		mg/l	0.100	0.0100	1	07/23/25 22:12	07/25/25 22:19	1,6010D	MFR
Chromium, TCLP	ND		mg/l	0.200	0.0210	1	07/23/25 22:12	07/25/25 22:19	1,6010D	MFR
Lead, TCLP	ND		mg/l	0.500	0.0270	1	07/23/25 22:12	07/25/25 22:19	1,6010D	MFR
Selenium, TCLP	ND		mg/l	0.500	0.0350	1	07/23/25 22:12	07/25/25 22:19	1,6010D	MFR
Silver, TCLP	ND		mg/l	0.100	0.0280	1	07/23/25 22:12	07/25/25 22:19	1,6010D	MFR

Prep Information

Digestion Method: EPA 3015

TCLP/SPLP Extraction Date: 07/09/25 14:26

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
TCLP Metals by EPA 1311 - Mansfield Lab for sample(s): 01 Batch: WG2094284-1										
Mercury, TCLP	0.0005	J	mg/l	0.0010	0.0005	1	07/23/25 22:07	07/24/25 08:53	1,7470A	CME

Prep Information

Digestion Method: EPA 7470A

TCLP/SPLP Extraction Date: 07/09/25 14:26

Lab Control Sample Analysis
Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2094282-2								
Arsenic, TCLP	96		-		75-125	-		20
Barium, TCLP	96		-		75-125	-		20
Cadmium, TCLP	101		-		75-125	-		20
Chromium, TCLP	101		-		75-125	-		20
Lead, TCLP	99		-		75-125	-		20
Selenium, TCLP	93		-		75-125	-		20
Silver, TCLP	99		-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 Batch: WG2094284-2								
Mercury, TCLP	96		-		80-120	-		

Matrix Spike Analysis
Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2094282-3 QC Sample: L2542776-01 Client ID: TP-01-07082025												
Arsenic, TCLP	ND	1.2	1.24	103		-	-		75-125	-		20
Barium, TCLP	0.854	20	19.5	93		-	-		75-125	-		20
Cadmium, TCLP	ND	0.53	0.560	106		-	-		75-125	-		20
Chromium, TCLP	ND	2	2.00	100		-	-		75-125	-		20
Lead, TCLP	ND	5.3	5.24	99		-	-		75-125	-		20
Selenium, TCLP	ND	1.2	1.23	102		-	-		75-125	-		20
Silver, TCLP	ND	0.5	0.511	102		-	-		75-125	-		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2094284-3 QC Sample: L2542776-01 Client ID: TP-01-07082025												
Mercury, TCLP	0.0005J	0.025	0.0235	94		-	-		75-125	-		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2094282-4 QC Sample: L2542776-01 Client ID: TP-01-07082025						
Arsenic, TCLP	ND	ND	mg/l	NC		20
Barium, TCLP	0.854	0.854	mg/l	0		20
Cadmium, TCLP	ND	ND	mg/l	NC		20
Chromium, TCLP	ND	ND	mg/l	NC		20
Lead, TCLP	ND	ND	mg/l	NC		20
Selenium, TCLP	ND	ND	mg/l	NC		20
Silver, TCLP	ND	ND	mg/l	NC		20
TCLP Metals by EPA 1311 - Mansfield Lab Associated sample(s): 01 QC Batch ID: WG2094284-4 QC Sample: L2542776-01 Client ID: TP-01-07082025						
Mercury, TCLP	0.0005J	0.0005J	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E
Lab Number: L2542776
Report Date: 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-01
Client ID: TP-01-07082025
Sample Location: 140 LEE STREET
Sample Depth:
Matrix: Solid

Date Collected: 07/08/25 12:00
Date Received: 07/09/25
Field Prep: Not Specified

Test Material Information

Source of Material:	Unknown
Description of Material:	Non-Metallic - Damp Clay
Particle Size:	Medium
Preliminary Burning Time (sec):	120

Parameter	Result	Date Analyzed	Analytical Method	Analyst
Ignitability of Solids - Westborough Lab				
Ignitability	NI	07/18/25 21:46	1,1030	TLH

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-01
Client ID: TP-01-07082025
Sample Location: 140 LEE STREET

Date Collected: 07/08/25 12:00
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Solid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	07/17/25 12:25	121,2540G	ROI
pH (H)	7.84		SU	-	NA	1	-	07/22/25 05:12	1,9045D	CAR
Cyanide, Reactive	ND		mg/kg	10	10.	1	07/17/25 20:00	07/17/25 22:38	125,7.3	TLH
Sulfide, Reactive	ND		mg/kg	10	10.	1	07/17/25 20:00	07/17/25 22:27	125,7.3	TLH

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-02
Client ID: TP-01-72-07082025
Sample Location: 140 LEE STREET

Date Collected: 07/08/25 12:20
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Solid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.8		%	0.100	NA	1	-	07/17/25 12:25	121,2540G	ROI

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-03
Client ID: TP-02-60-07082025
Sample Location: 140 LEE STREET

Date Collected: 07/08/25 13:50
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Solid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	74.9		%	0.100	NA	1	-	07/17/25 12:25	121,2540G	ROI

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E
Lab Number: L2542776
Report Date: 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-04
Client ID: TP-03-6T09-07092025
Sample Location: 140 LEE STREET
Sample Depth:
Matrix: Solid

Date Collected: 07/09/25 09:00
Date Received: 07/09/25
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	07/17/25 12:25	121,2540G	ROI

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

SAMPLE RESULTS

Lab ID: L2542776-05
Client ID: TP-04-CL-07092025
Sample Location: 140 LEE STREET

Date Collected: 07/09/25 10:55
Date Received: 07/09/25
Field Prep: Not Specified

Sample Depth:
Matrix: Solid

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.2		%	0.100	NA	1	-	07/17/25 12:25	121,2540G	ROI

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG2092016-1										
Sulfide, Reactive	ND		mg/kg	10	10.	1	07/17/25 20:00	07/17/25 22:23	125,7.3	TLH
General Chemistry - Westborough Lab for sample(s): 01 Batch: WG2092028-1										
Cyanide, Reactive	ND		mg/kg	10	10.	1	07/17/25 20:00	07/17/25 22:32	125,7.3	TLH

Lab Control Sample Analysis
Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG2092016-2								
Sulfide, Reactive	74		-		60-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG2092028-2								
Cyanide, Reactive	48		-		30-125	-		40
General Chemistry - Westborough Lab Associated sample(s): 01 Batch: WG2093317-1								
pH	100		-		99-101	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG2091758-1 QC Sample: L2542776-01 Client ID: TP-01-07082025						
Solids, Total	84.5	84.1	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2092016-3 QC Sample: L2542466-01 Client ID: DUP Sample						
Sulfide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2092028-3 QC Sample: L2542466-01 Client ID: DUP Sample						
Cyanide, Reactive	ND	ND	mg/kg	NC		40
General Chemistry - Westborough Lab Associated sample(s): 01 QC Batch ID: WG2093317-2 QC Sample: L2544624-02 Client ID: DUP Sample						
pH	5.64	5.53	SU	2		5

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2542776-01A	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L2542776-01B	Vial Large Septa unpreserved (4oz)	A	NA		2.9	Y	Absent		TCLP-EXT-ZHE(14)
L2542776-01C	Glass 500ml/16oz unpreserved	A	NA		2.9	Y	Absent		REACTS(14),IGNIT-1030(14),NYTCL-8082-3540C(365),PH-9045(1),REACTCN(14)
L2542776-01T	Vial unpreserved Extracts	A	NA		2.9	Y	Absent		TCLP-VOA(14)
L2542776-01U	Vial unpreserved Extracts	A	NA		2.9	Y	Absent		TCLP-VOA(14)
L2542776-01W	Amber 1L unpreserved Extracts	A	NA		2.9	Y	Absent		PEST-TCLP-RVT(14),HERB-TCLP*(14),TCLP-8270-RVT(14)
L2542776-01X	Plastic 120ml HNO3 preserved Extracts	A	NA		2.9	Y	Absent		CD-CI(180),AS-CI(180),BA-CI(180),HG-C(28),PB-CI(180),CR-CI(180),SE-CI(180),AG-CI(180)
L2542776-01X9	Tumble Vessel	A	NA		2.9	Y	Absent		-
L2542776-02A	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L2542776-02B	Vial Large Septa unpreserved (4oz)	A	NA		2.9	Y	Absent		NYTCL-8260-R2(14)
L2542776-02C	Glass 500ml/16oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14)
L2542776-02X	Vial MeOH preserved split	A	NA		2.9	Y	Absent		NYTCL-8260-R2(14)
L2542776-02Y	Vial Water preserved split	A	NA		2.9	Y	Absent	**17-JUL-25 09:58**	NYTCL-8260-R2(14)
L2542776-02Z	Vial Water preserved split	A	NA		2.9	Y	Absent	**17-JUL-25 09:58**	NYTCL-8260-R2(14)
L2542776-03A	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L2542776-03B	Vial Large Septa unpreserved (4oz)	A	NA		2.9	Y	Absent		NYTCL-8260-R2(14)
L2542776-03C	Glass 500ml/16oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14)
L2542776-03X	Vial MeOH preserved split	A	NA		2.9	Y	Absent		NYTCL-8260-R2(14)
L2542776-03Y	Vial Water preserved split	A	NA		2.9	Y	Absent	**17-JUL-25 09:58**	NYTCL-8260-R2(14)
L2542776-03Z	Vial Water preserved split	A	NA		2.9	Y	Absent	**17-JUL-25 09:58**	NYTCL-8260-R2(14)
L2542776-04A	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: SBD-AREA-E

Lab Number: L2542776
Report Date: 07/28/25

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2542776-04B	Vial Large Septa unpreserved (4oz)	A	NA		2.9	Y	Absent		NYTCL-8260-R2(14)
L2542776-04C	Glass 500ml/16oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14)
L2542776-04X	Vial MeOH preserved split	A	NA		2.9	Y	Absent		NYTCL-8260-R2(14)
L2542776-04Y	Vial Water preserved split	A	NA		2.9	Y	Absent	**17-JUL-25 09:58**	NYTCL-8260-R2(14)
L2542776-04Z	Vial Water preserved split	A	NA		2.9	Y	Absent	**17-JUL-25 09:58**	NYTCL-8260-R2(14)
L2542776-05A	Plastic 2oz unpreserved for TS	A	NA		2.9	Y	Absent		TS(7)
L2542776-05B	Vial Large Septa unpreserved (4oz)	A	NA		2.9	Y	Absent		NYTCL-8260-R2(14)
L2542776-05C	Glass 500ml/16oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14)
L2542776-05X	Vial MeOH preserved split	A	NA		2.9	Y	Absent		NYTCL-8260-R2(14)
L2542776-05Y	Vial Water preserved split	A	NA		2.9	Y	Absent	**17-JUL-25 09:58**	NYTCL-8260-R2(14)
L2542776-05Z	Vial Water preserved split	A	NA		2.9	Y	Absent	**17-JUL-25 09:58**	NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	SOUTH BUFFALO DEVELOPMENT	**Lab Number:**	L2542776
Project Number:	SBD-AREA-E	**Report Date:**	07/28/25

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	SOUTH BUFFALO DEVELOPMENT	**Lab Number:**	L2542776
Project Number:	SBD-AREA-E	**Report Date:**	07/28/25

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	SOUTH BUFFALO DEVELOPMENT	**Lab Number:**	L2542776
Project Number:	SBD-AREA-E	**Report Date:**	07/28/25

Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: SOUTH BUFFALO DEVELOPMENT **Lab Number:** L2542776

Project Number: SBD-AREA-E **Report Date:** 07/28/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

125 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates IIIA, April 1998.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water
EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.
EPA 522, EPA 537.1.

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1: Hg. **EPA 245.7:** Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY kY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

For a complete listing of analytes and methods, please contact your Project Manager.

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 07/10/25

ALPHA Job #: L2542776

Client Information
Client: INVERTIM ENG
Address: 441 Cassie Drive sc.
HERNDON VA.
Phone: 716-553-5129
Fax:
Email: Peter.Zaffino@invertimeng.com

Project Information
Project Name: SOUTH BUFFALO DEVELOPMENT
Project Location: 140 LEE STREET
Project #: SBD-AREA-E
(Use Project name as Project #)
Project Manager: Todd Wardsop
ALPHAQuote #:

Turn-Around Time
Standard: ☒ Due Date:
Rush (only if pre approved): ☐ # of Days:

Deliverables
☐ ASP-A ☒ ASP-B
☒ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
Full TCLP - TCLP VOCs, TCLP SVOCs, TCLP Pesticides, TCLP Herbicides, TCLP Metals, Reactivity, Corrosivity, Ignitibility.

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Full TCLP	PCBs	TCL VOCs 8260	TCL SVOCs 8270	TS				Total Bottle
42776-01	TP-01-07082025	7/8/25	12:00	SD	PB	X	X			X				
-02	TP-01-72-07082025	7/8/25	12:20	SD	PB			X	X	X				
-03	TP-02-60-07082025	7/8/25	13:50	SD	PB			X	X	X				
-04	TP-03-6T09-07092025	7/9/25	09:00	SD	PB			X	X	X				
-05	TP-04-CL-07092025	7/9/25	10:55	SD	PB			X	X	X				

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	A	A	A	A	P			
Preservative	A	A	A	A	P			

Relinquished By:	Date/Time	Received By:	Date/Time
	7/9/25 1420	PACE	7/9/25 1420
PACE	7/9/25 1420	Batt S.C.	7/9/25 1420
	7-9-25 15:21		7/9 2300
	7/10 0300		07/10/25 0330

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Sample Delivery Group Summary

Pace Job Number : L2542776
Received : 09-JUL-2025
Reviewer : Jordan Riley

Account Name : Inventum Engineering
Project Number : SBD-AREA-E
Project Name : SOUTH BUFFALO DEVELOPMENT

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.9	

Condition Information

1) All samples on COC received?	**YES**
2) Extra samples received?	**NO**
3) Are there any sample container discrepancies?	**NO**
4) Are there any discrepancies between COC & sample labels?	**NO**
5) Are samples in appropriate containers for requested analysis?	**YES**
6) Are samples properly preserved for requested analysis?	**YES**
7) Are samples within holding time for requested analysis?	**YES**
8) All sampling equipment returned?	**NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NO**

Appendix E1 – Pre-Characterization Test Pit CAMP Data

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530190527
Firmware Version	3.1
Calibration Date	1/22/2025
Test Name	MANUAL_001
Test Start Time	8:08:18 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:05:36
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.236
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1344

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
15	0.009	
30	0.013	
45	0.015	
60	0.014	
75	0.014	
90	0.015	
105	0.014	
120	0.014	
135	0.014	
150	0.015	
165	0.014	
180	0.015	
195	0.015	
210	0.014	
225	0.014	
240	0.014	
255	0.014	
270	0.014	
285	0.013	
300	0.014	
315	0.014	
330	0.014	
345	0.015	
360	0.014	
375	0.014	
390	0.014	
405	0.014	
420	0.014	
435	0.013	
450	0.014	
465	0.014	
480	0.014	
495	0.014	
510	0.014	
525	0.014	
540	0.014	
555	0.015	
570	0.014	
585	0.014	
600	0.015	
615	0.014	
630	0.014	
645	0.014	
660	0.014	
675	0.014	
690	0.014	
705	0.014	
720	0.014	
735	0.013	
750	0.014	
765	0.013	
780	0.014	
795	0.015	
810	0.014	
825	0.015	
840	0.014	
855	0.014	
870	0.014	
885	0.014	
900	0.014	0.014
915	0.013	0.014
930	0.014	0.014
945	0.014	0.014
960	0.014	0.014
975	0.015	0.014
990	0.014	0.014
1005	0.014	0.014
1020	0.014	0.014
1035	0.014	0.014

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530190527
Firmware Version	3.1
Calibration Date	1/22/2025
Test Name	MANUAL_001
Test Start Time	8:08:18 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:05:36
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.236
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1344

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
1050	0.014	0.014
1065	0.014	0.014
1080	0.015	0.014
1095	0.014	0.014
1110	0.015	0.014
1125	0.014	0.014
1140	0.014	0.014
1155	0.014	0.014
1170	0.014	0.014
1185	0.014	0.014
1200	0.014	0.014
1215	0.013	0.014
1230	0.014	0.014
1245	0.014	0.014
1260	0.014	0.014
1275	0.014	0.014
1290	0.015	0.014
1305	0.014	0.014
1320	0.014	0.014
1335	0.015	0.014
1350	0.015	0.014
1365	0.015	0.014
1380	0.016	0.014
1395	0.014	0.014
1410	0.015	0.014
1425	0.014	0.014
1440	0.015	0.014
1455	0.015	0.014
1470	0.014	0.014
1485	0.015	0.014
1500	0.015	0.014
1515	0.015	0.014
1530	0.014	0.014
1545	0.015	0.014
1560	0.017	0.014
1575	0.015	0.014
1590	0.015	0.014
1605	0.015	0.014
1620	0.015	0.014
1635	0.016	0.014
1650	0.016	0.014
1665	0.015	0.014
1680	0.015	0.014
1695	0.015	0.014
1710	0.015	0.015
1725	0.015	0.015
1740	0.016	0.015
1755	0.016	0.015
1770	0.015	0.015
1785	0.016	0.015
1800	0.015	0.015
1815	0.016	0.015
1830	0.015	0.015
1845	0.016	0.015
1860	0.015	0.015
1875	0.015	0.015
1890	0.016	0.015
1905	0.016	0.015
1920	0.015	0.015
1935	0.015	0.015
1950	0.016	0.015
1965	0.015	0.015
1980	0.015	0.015
1995	0.015	0.015
2010	0.015	0.015
2025	0.015	0.015
2040	0.015	0.015
2055	0.015	0.015
2070	0.016	0.015

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530190527
Firmware Version	3.1
Calibration Date	1/22/2025
Test Name	MANUAL_001
Test Start Time	8:08:18 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:05:36
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.236
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1344

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
2085	0.018	0.015
2100	0.018	0.015
2115	0.017	0.015
2130	0.017	0.015
2145	0.016	0.015
2160	0.016	0.015
2175	0.016	0.015
2190	0.016	0.015
2205	0.017	0.015
2220	0.016	0.015
2235	0.015	0.015
2250	0.016	0.015
2265	0.016	0.015
2280	0.016	0.015
2295	0.016	0.016
2310	0.016	0.016
2325	0.016	0.016
2340	0.016	0.016
2355	0.016	0.016
2370	0.016	0.016
2385	0.016	0.016
2400	0.016	0.016
2415	0.016	0.016
2430	0.016	0.016
2445	0.015	0.016
2460	0.015	0.016
2475	0.016	0.016
2490	0.016	0.016
2505	0.015	0.016
2520	0.015	0.016
2535	0.015	0.016
2550	0.015	0.016
2565	0.015	0.016
2580	0.015	0.016
2595	0.015	0.016
2610	0.015	0.016
2625	0.015	0.016
2640	0.015	0.016
2655	0.016	0.016
2670	0.016	0.016
2685	0.015	0.016
2700	0.014	0.016
2715	0.015	0.016
2730	0.015	0.016
2745	0.016	0.016
2760	0.015	0.016
2775	0.016	0.016
2790	0.016	0.016
2805	0.016	0.016
2820	0.015	0.016
2835	0.016	0.016
2850	0.016	0.016
2865	0.015	0.016
2880	0.014	0.016
2895	0.015	0.016
2910	0.016	0.016
2925	0.017	0.016
2940	0.016	0.016
2955	0.016	0.016
2970	0.016	0.016
2985	0.016	0.016
3000	0.016	0.016
3015	0.016	0.016
3030	0.015	0.016
3045	0.016	0.016
3060	0.016	0.016
3075	0.015	0.016
3090	0.015	0.016
3105	0.015	0.016

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530190527
Firmware Version	3.1
Calibration Date	1/22/2025
Test Name	MANUAL_001
Test Start Time	8:08:18 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:05:36
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.236
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1344

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
3120	0.016	0.016
3135	0.016	0.016
3150	0.016	0.016
3165	0.014	0.016
3180	0.016	0.016
3195	0.016	0.016
3210	0.016	0.016
3225	0.016	0.016
3240	0.016	0.016
3255	0.016	0.016
3270	0.015	0.016
3285	0.014	0.015
3300	0.016	0.015
3315	0.014	0.015
3330	0.015	0.015
3345	0.014	0.015
3360	0.015	0.015
3375	0.015	0.015
3390	0.016	0.015
3405	0.015	0.015
3420	0.015	0.015
3435	0.014	0.015
3450	0.016	0.015
3465	0.015	0.015
3480	0.015	0.015
3495	0.015	0.015
3510	0.014	0.015
3525	0.015	0.015
3540	0.015	0.015
3555	0.014	0.015
3570	0.015	0.015
3585	0.014	0.015
3600	0.015	0.015
3615	0.015	0.015
3630	0.014	0.015
3645	0.015	0.015
3660	0.014	0.015
3675	0.014	0.015
3690	0.014	0.015
3705	0.014	0.015
3720	0.014	0.015
3735	0.014	0.015
3750	0.015	0.015
3765	0.014	0.015
3780	0.014	0.015
3795	0.014	0.015
3810	0.015	0.015
3825	0.014	0.015
3840	0.015	0.015
3855	0.014	0.015
3870	0.015	0.015
3885	0.017	0.015
3900	0.016	0.015
3915	0.014	0.015
3930	0.015	0.015
3945	0.014	0.015
3960	0.014	0.015
3975	0.014	0.015
3990	0.014	0.015
4005	0.014	0.015
4020	0.014	0.015
4035	0.014	0.015
4050	0.015	0.015
4065	0.014	0.015
4080	0.014	0.015
4095	0.014	0.015
4110	0.014	0.015
4125	0.015	0.015
4140	0.014	0.015

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530190527
Firmware Version	3.1
Calibration Date	1/22/2025
Test Name	MANUAL_001
Test Start Time	8:08:18 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:05:36
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.236
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1344

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
4155	0.015	0.015
4170	0.014	0.015
4185	0.014	0.015
4200	0.014	0.015
4215	0.015	0.015
4230	0.015	0.015
4245	0.015	0.015
4260	0.015	0.015
4275	0.014	0.015
4290	0.015	0.015
4305	0.014	0.015
4320	0.014	0.014
4335	0.013	0.014
4350	0.014	0.014
4365	0.015	0.014
4380	0.015	0.014
4395	0.014	0.014
4410	0.014	0.014
4425	0.014	0.014
4440	0.014	0.014
4455	0.015	0.014
4470	0.014	0.014
4485	0.014	0.014
4500	0.015	0.014
4515	0.014	0.014
4530	0.015	0.014
4545	0.015	0.014
4560	0.015	0.014
4575	0.014	0.014
4590	0.014	0.014
4605	0.014	0.014
4620	0.014	0.014
4635	0.014	0.014
4650	0.014	0.014
4665	0.014	0.014
4680	0.014	0.014
4695	0.014	0.014
4710	0.014	0.014
4725	0.013	0.014
4740	0.014	0.014
4755	0.015	0.014
4770	0.015	0.014
4785	0.015	0.014
4800	0.015	0.014
4815	0.015	0.014
4830	0.015	0.014
4845	0.015	0.014
4860	0.016	0.014
4875	0.016	0.014
4890	0.016	0.014
4905	0.016	0.014
4920	0.015	0.014
4935	0.015	0.015
4950	0.016	0.015
4965	0.016	0.015
4980	0.017	0.015
4995	0.018	0.015
5010	0.018	0.015
5025	0.017	0.015
5040	0.017	0.015
5055	0.015	0.015
5070	0.015	0.015
5085	0.015	0.015
5100	0.015	0.015
5115	0.014	0.015
5130	0.015	0.015
5145	0.014	0.015
5160	0.014	0.015
5175	0.014	0.015

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530190527
Firmware Version	3.1
Calibration Date	1/22/2025
Test Name	MANUAL_001
Test Start Time	8:08:18 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:05:36
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.236
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1344

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
5190	0.015	0.015
5205	0.016	0.015
5220	0.018	0.015
5235	0.016	0.015
5250	0.016	0.015
5265	0.014	0.015
5280	0.017	0.015
5295	0.018	0.015
5310	0.018	0.015
5325	0.017	0.015
5340	0.015	0.015
5355	0.017	0.015
5370	0.017	0.015
5385	0.016	0.015
5400	0.015	0.015
5415	0.016	0.015
5430	0.016	0.015
5445	0.016	0.015
5460	0.018	0.015
5475	0.02	0.016
5490	0.02	0.016
5505	0.019	0.016
5520	0.02	0.016
5535	0.019	0.016
5550	0.019	0.016
5565	0.018	0.016
5580	0.017	0.016
5595	0.015	0.016
5610	0.016	0.016
5625	0.016	0.016
5640	0.015	0.016
5655	0.016	0.016
5670	0.016	0.016
5685	0.016	0.016
5700	0.018	0.016
5715	0.017	0.016
5730	0.017	0.016
5745	0.018	0.016
5760	0.017	0.016
5775	0.017	0.016
5790	0.017	0.017
5805	0.016	0.017
5820	0.015	0.017
5835	0.016	0.017
5850	0.016	0.017
5865	0.015	0.017
5880	0.017	0.017
5895	0.019	0.017
5910	0.017	0.017
5925	0.016	0.016
5940	0.018	0.017
5955	0.019	0.017
5970	0.019	0.017
5985	0.018	0.017
6000	0.019	0.017
6015	0.018	0.017
6030	0.018	0.017
6045	0.018	0.017
6060	0.017	0.017
6075	0.017	0.017
6090	0.019	0.017
6105	0.018	0.017
6120	0.017	0.017
6135	0.015	0.017
6150	0.016	0.017
6165	0.016	0.017
6180	0.016	0.017
6195	0.016	0.017
6210	0.016	0.017

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530190527
Firmware Version	3.1
Calibration Date	1/22/2025
Test Name	MANUAL_001
Test Start Time	8:08:18 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:05:36
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.236
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1344

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
6225	0.016	0.017
6240	0.015	0.017
6255	0.014	0.017
6270	0.013	0.017
6285	0.014	0.017
6300	0.015	0.017
6315	0.016	0.017
6330	0.016	0.017
6345	0.016	0.017
6360	0.017	0.017
6375	0.016	0.017
6390	0.016	0.017
6405	0.015	0.017
6420	0.015	0.017
6435	0.014	0.017
6450	0.015	0.016
6465	0.014	0.016
6480	0.016	0.016
6495	0.015	0.016
6510	0.014	0.016
6525	0.015	0.016
6540	0.014	0.016
6555	0.014	0.016
6570	0.015	0.016
6585	0.015	0.016
6600	0.015	0.016
6615	0.014	0.016
6630	0.014	0.016
6645	0.013	0.016
6660	0.013	0.016
6675	0.014	0.016
6690	0.014	0.016
6705	0.014	0.016
6720	0.014	0.016
6735	0.014	0.016
6750	0.013	0.016
6765	0.013	0.016
6780	0.014	0.016
6795	0.014	0.016
6810	0.013	0.015
6825	0.013	0.015
6840	0.013	0.015
6855	0.013	0.015
6870	0.013	0.015
6885	0.015	0.015
6900	0.013	0.015
6915	0.013	0.015
6930	0.015	0.015
6945	0.016	0.015
6960	0.016	0.015
6975	0.017	0.015
6990	0.015	0.015
7005	0.015	0.015
7020	0.014	0.015
7035	0.015	0.015
7050	0.015	0.015
7065	0.016	0.015
7080	0.015	0.015
7095	0.015	0.015
7110	0.015	0.015
7125	0.016	0.015
7140	0.015	0.015
7155	0.016	0.015
7170	0.015	0.015
7185	0.015	0.015
7200	0.015	0.015
7215	0.016	0.015
7230	0.016	0.015
7245	0.017	0.015

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530190527
Firmware Version	3.1
Calibration Date	1/22/2025
Test Name	MANUAL_001
Test Start Time	8:08:18 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:05:36
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.236
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1344

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
7260	0.017	0.015
7275	0.017	0.015
7290	0.016	0.015
7305	0.018	0.015
7320	0.017	0.015
7335	0.016	0.015
7350	0.017	0.015
7365	0.019	0.015
7380	0.018	0.015
7395	0.017	0.015
7410	0.018	0.015
7425	0.017	0.015
7440	0.017	0.015
7455	0.017	0.015
7470	0.017	0.015
7485	0.017	0.015
7500	0.02	0.015
7515	0.02	0.015
7530	0.019	0.016
7545	0.02	0.016
7560	0.019	0.016
7575	0.019	0.016
7590	0.019	0.016
7605	0.021	0.016
7620	0.02	0.016
7635	0.02	0.016
7650	0.018	0.016
7665	0.019	0.016
7680	0.019	0.016
7695	0.019	0.017
7710	0.021	0.017
7725	0.022	0.017
7740	0.022	0.017
7755	0.022	0.017
7770	0.022	0.017
7785	0.023	0.017
7800	0.023	0.018
7815	0.021	0.018
7830	0.022	0.018
7845	0.022	0.018
7860	0.022	0.018
7875	0.023	0.018
7890	0.021	0.018
7905	0.021	0.018
7920	0.021	0.018
7935	0.021	0.019
7950	0.02	0.019
7965	0.022	0.019
7980	0.022	0.019
7995	0.024	0.019
8010	0.023	0.019
8025	0.023	0.019
8040	0.021	0.019
8055	0.022	0.019
8070	0.019	0.020
8085	0.021	0.020
8100	0.021	0.020
8115	0.021	0.020
8130	0.021	0.020
8145	0.021	0.020
8160	0.02	0.020
8175	0.021	0.020
8190	0.024	0.020
8205	0.023	0.020
8220	0.022	0.020
8235	0.025	0.021
8250	0.024	0.021
8265	0.024	0.021
8280	0.022	0.021

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530190527
Firmware Version	3.1
Calibration Date	1/22/2025
Test Name	MANUAL_001
Test Start Time	8:08:18 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:05:36
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.236
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1344

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
8295	0.022	0.021
8310	0.023	0.021
8325	0.022	0.021
8340	0.024	0.021
8355	0.024	0.021
8370	0.023	0.021
8385	0.022	0.021
8400	0.025	0.022
8415	0.025	0.022
8430	0.026	0.022
8445	0.024	0.022
8460	0.025	0.022
8475	0.023	0.022
8490	0.024	0.022
8505	0.026	0.022
8520	0.025	0.022
8535	0.028	0.022
8550	0.025	0.022
8565	0.028	0.023
8580	0.027	0.023
8595	0.024	0.023
8610	0.027	0.023
8625	0.023	0.023
8640	0.023	0.023
8655	0.026	0.023
8670	0.026	0.023
8685	0.024	0.023
8700	0.022	0.023
8715	0.021	0.023
8730	0.02	0.023
8745	0.019	0.023
8760	0.021	0.023
8775	0.018	0.023
8790	0.019	0.023
8805	0.019	0.023
8820	0.019	0.023
8835	0.018	0.023
8850	0.019	0.023
8865	0.019	0.023
8880	0.02	0.023
8895	0.019	0.023
8910	0.022	0.023
8925	0.019	0.023
8940	0.02	0.022
8955	0.019	0.022
8970	0.018	0.022
8985	0.02	0.022
9000	0.022	0.022
9015	0.018	0.022
9030	0.017	0.022
9045	0.019	0.022
9060	0.019	0.022
9075	0.02	0.022
9090	0.017	0.022
9105	0.017	0.022
9120	0.019	0.022
9135	0.02	0.022
9150	0.018	0.022
9165	0.018	0.022
9180	0.017	0.022
9195	0.017	0.022
9210	0.018	0.021
9225	0.019	0.021
9240	0.019	0.021
9255	0.016	0.021
9270	0.018	0.021
9285	0.018	0.021
9300	0.017	0.021
9315	0.017	0.021

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530190527
Firmware Version	3.1
Calibration Date	1/22/2025
Test Name	MANUAL_001
Test Start Time	8:08:18 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:05:36
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.236
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1344

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
9330	0.02	0.021
9345	0.018	0.021
9360	0.018	0.020
9375	0.018	0.020
9390	0.019	0.020
9405	0.019	0.020
9420	0.018	0.020
9435	0.026	0.020
9450	0.023	0.020
9465	0.022	0.020
9480	0.019	0.020
9495	0.018	0.020
9510	0.02	0.020
9525	0.021	0.019
9540	0.019	0.019
9555	0.019	0.019
9570	0.017	0.019
9585	0.019	0.019
9600	0.019	0.019
9615	0.019	0.019
9630	0.018	0.019
9645	0.019	0.019
9660	0.019	0.019
9675	0.017	0.019
9690	0.017	0.019
9705	0.016	0.019
9720	0.017	0.019
9735	0.018	0.019
9750	0.016	0.019
9765	0.017	0.019
9780	0.018	0.019
9795	0.018	0.019
9810	0.018	0.019
9825	0.019	0.019
9840	0.018	0.019
9855	0.02	0.019
9870	0.022	0.019
9885	0.019	0.019
9900	0.017	0.019
9915	0.016	0.019
9930	0.017	0.019
9945	0.017	0.018
9960	0.017	0.018
9975	0.017	0.018
9990	0.019	0.018
10005	0.017	0.018
10020	0.017	0.018
10035	0.019	0.018
10050	0.017	0.018
10065	0.017	0.018
10080	0.017	0.018
10095	0.015	0.018
10110	0.015	0.018
10125	0.014	0.018
10140	0.015	0.018
10155	0.017	0.018
10170	0.019	0.018
10185	0.018	0.018
10200	0.016	0.018
10215	0.017	0.018
10230	0.016	0.018
10245	0.017	0.018
10260	0.016	0.018
10275	0.016	0.018
10290	0.016	0.018
10305	0.016	0.018
10320	0.016	0.018
10335	0.015	0.018
10350	0.015	0.018

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530190527
Firmware Version	3.1
Calibration Date	1/22/2025
Test Name	MANUAL_001
Test Start Time	8:08:18 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:05:36
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.236
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1344

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
10365	0.016	0.017
10380	0.015	0.017
10395	0.015	0.017
10410	0.014	0.017
10425	0.015	0.017
10440	0.015	0.017
10455	0.015	0.017
10470	0.015	0.017
10485	0.016	0.017
10500	0.015	0.017
10515	0.016	0.017
10530	0.014	0.017
10545	0.015	0.017
10560	0.014	0.017
10575	0.015	0.017
10590	0.015	0.016
10605	0.015	0.016
10620	0.015	0.016
10635	0.015	0.016
10650	0.014	0.016
10665	0.015	0.016
10680	0.015	0.016
10695	0.014	0.016
10710	0.014	0.016
10725	0.015	0.016
10740	0.014	0.016
10755	0.014	0.016
10770	0.015	0.016
10785	0.015	0.016
10800	0.015	0.016
10815	0.015	0.016
10830	0.014	0.016
10845	0.015	0.016
10860	0.014	0.016
10875	0.015	0.016
10890	0.015	0.015
10905	0.014	0.015
10920	0.014	0.015
10935	0.016	0.015
10950	0.014	0.015
10965	0.015	0.015
10980	0.014	0.015
10995	0.016	0.015
11010	0.015	0.015
11025	0.015	0.015
11040	0.015	0.015
11055	0.015	0.015
11070	0.015	0.015
11085	0.014	0.015
11100	0.015	0.015
11115	0.014	0.015
11130	0.015	0.015
11145	0.015	0.015
11160	0.014	0.015
11175	0.015	0.015
11190	0.014	0.015
11205	0.014	0.015
11220	0.014	0.015
11235	0.014	0.015
11250	0.015	0.015
11265	0.014	0.015
11280	0.015	0.015
11295	0.014	0.015
11310	0.014	0.015
11325	0.015	0.015
11340	0.016	0.015
11355	0.015	0.015
11370	0.017	0.015
11385	0.018	0.015

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530190527
Firmware Version	3.1
Calibration Date	1/22/2025
Test Name	MANUAL_001
Test Start Time	8:08:18 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:05:36
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.236
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1344

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
11400	0.016	0.015
11415	0.019	0.015
11430	0.016	0.015
11445	0.015	0.015
11460	0.014	0.015
11475	0.014	0.015
11490	0.014	0.015
11505	0.014	0.015
11520	0.014	0.015
11535	0.014	0.015
11550	0.014	0.015
11565	0.014	0.015
11580	0.015	0.015
11595	0.015	0.015
11610	0.014	0.015
11625	0.014	0.015
11640	0.014	0.015
11655	0.014	0.015
11670	0.015	0.015
11685	0.029	0.015
11700	0.09	0.016
11715	0.236	0.020
11730	0.077	0.021
11745	0.033	0.021
11760	0.018	0.021
11775	0.087	0.023
11790	0.055	0.023
11805	0.031	0.024
11820	0.031	0.024
11835	0.029	0.024
11850	0.02	0.024
11865	0.017	0.024
11880	0.015	0.024
11895	0.019	0.024
11910	0.033	0.025
11925	0.017	0.025
11940	0.028	0.025
11955	0.025	0.025
11970	0.017	0.025
11985	0.015	0.025
12000	0.014	0.025
12015	0.015	0.025
12030	0.014	0.025
12045	0.016	0.025
12060	0.014	0.025
12075	0.014	0.025
12090	0.014	0.025
12105	0.014	0.025
12120	0.013	0.025
12135	0.014	0.025
12150	0.014	0.025
12165	0.015	0.025
12180	0.013	0.025
12195	0.013	0.025
12210	0.013	0.025
12225	0.014	0.025
12240	0.013	0.025
12255	0.013	0.025
12270	0.014	0.025
12285	0.014	0.025
12300	0.013	0.025
12315	0.013	0.025
12330	0.013	0.024
12345	0.013	0.024
12360	0.013	0.024
12375	0.013	0.024
12390	0.015	0.024
12405	0.015	0.024
12420	0.015	0.024

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530190527
Firmware Version	3.1
Calibration Date	1/22/2025
Test Name	MANUAL_001
Test Start Time	8:08:18 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:05:36
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.236
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1344

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
12435	0.014	0.024
12450	0.014	0.024
12465	0.013	0.024
12480	0.013	0.024
12495	0.015	0.024
12510	0.017	0.024
12525	0.016	0.024
12540	0.016	0.025
12555	0.014	0.025
12570	0.019	0.025
12585	0.017	0.024
12600	0.015	0.023
12615	0.015	0.019
12630	0.014	0.018
12645	0.016	0.018
12660	0.016	0.018
12675	0.015	0.017
12690	0.014	0.016
12705	0.014	0.016
12720	0.013	0.016
12735	0.014	0.015
12750	0.015	0.015
12765	0.016	0.015
12780	0.015	0.015
12795	0.013	0.015
12810	0.015	0.015
12825	0.014	0.015
12840	0.015	0.015
12855	0.015	0.014
12870	0.014	0.014
12885	0.016	0.014
12900	0.015	0.014
12915	0.015	0.014
12930	0.02	0.015
12945	0.016	0.015
12960	0.016	0.015
12975	0.014	0.015
12990	0.013	0.015
13005	0.014	0.015
13020	0.013	0.015
13035	0.013	0.015
13050	0.014	0.015
13065	0.014	0.014
13080	0.014	0.015
13095	0.014	0.015
13110	0.014	0.015
13125	0.014	0.015
13140	0.014	0.015
13155	0.015	0.015
13170	0.019	0.015
13185	0.026	0.015
13200	0.023	0.015
13215	0.016	0.015
13230	0.019	0.015
13245	0.018	0.015
13260	0.015	0.015
13275	0.015	0.015
13290	0.018	0.015
13305	0.016	0.015
13320	0.015	0.015
13335	0.016	0.015
13350	0.017	0.015
13365	0.015	0.016
13380	0.014	0.016
13395	0.014	0.016
13410	0.015	0.015
13425	0.014	0.015
13440	0.016	0.015
13455	0.016	0.015

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530190527
Firmware Version	3.1
Calibration Date	1/22/2025
Test Name	MANUAL_001
Test Start Time	8:08:18 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:05:36
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.236
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1344

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
13470	0.014	0.015
13485	0.015	0.015
13500	0.015	0.015
13515	0.015	0.015
13530	0.015	0.015
13545	0.015	0.015
13560	0.015	0.015
13575	0.015	0.015
13590	0.016	0.015
13605	0.015	0.015
13620	0.015	0.015
13635	0.015	0.015
13650	0.015	0.015
13665	0.016	0.015
13680	0.015	0.015
13695	0.016	0.016
13710	0.015	0.016
13725	0.015	0.016
13740	0.015	0.016
13755	0.015	0.016
13770	0.015	0.016
13785	0.015	0.016
13800	0.015	0.016
13815	0.015	0.016
13830	0.015	0.015
13845	0.016	0.015
13860	0.015	0.015
13875	0.017	0.015
13890	0.015	0.016
13905	0.015	0.016
13920	0.015	0.016
13935	0.014	0.016
13950	0.015	0.016
13965	0.014	0.016
13980	0.016	0.016
13995	0.015	0.016
14010	0.015	0.016
14025	0.014	0.016
14040	0.016	0.016
14055	0.014	0.016
14070	0.014	0.016
14085	0.014	0.015
14100	0.015	0.015
14115	0.014	0.015
14130	0.014	0.015
14145	0.015	0.015
14160	0.015	0.015
14175	0.014	0.015
14190	0.014	0.015
14205	0.015	0.015
14220	0.015	0.015
14235	0.015	0.015
14250	0.015	0.015
14265	0.014	0.015
14280	0.015	0.015
14295	0.014	0.015
14310	0.017	0.015
14325	0.015	0.015
14340	0.015	0.015
14355	0.014	0.015
14370	0.015	0.015
14385	0.015	0.015
14400	0.014	0.015
14415	0.015	0.015
14430	0.014	0.015
14445	0.015	0.015
14460	0.015	0.015
14475	0.015	0.015
14490	0.015	0.015

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530190527
Firmware Version	3.1
Calibration Date	1/22/2025
Test Name	MANUAL_001
Test Start Time	8:08:18 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:05:36
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.236
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1344

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
14505	0.015	0.015
14520	0.015	0.015
14535	0.015	0.015
14550	0.015	0.015
14565	0.014	0.015
14580	0.015	0.015
14595	0.015	0.015
14610	0.015	0.015
14625	0.016	0.015
14640	0.016	0.015
14655	0.014	0.015
14670	0.016	0.015
14685	0.015	0.015
14700	0.016	0.015
14715	0.015	0.015
14730	0.015	0.015
14745	0.016	0.015
14760	0.015	0.015
14775	0.015	0.015
14790	0.015	0.015
14805	0.015	0.015
14820	0.015	0.015
14835	0.015	0.015
14850	0.015	0.015
14865	0.015	0.015
14880	0.015	0.015
14895	0.015	0.015
14910	0.015	0.015
14925	0.016	0.015
14940	0.015	0.015
14955	0.014	0.015
14970	0.015	0.015
14985	0.015	0.015
15000	0.015	0.015
15015	0.016	0.015
15030	0.016	0.015
15045	0.015	0.015
15060	0.015	0.015
15075	0.016	0.015
15090	0.015	0.015
15105	0.015	0.015
15120	0.016	0.015
15135	0.016	0.015
15150	0.015	0.015
15165	0.016	0.015
15180	0.015	0.015
15195	0.015	0.015
15210	0.016	0.015
15225	0.016	0.015
15240	0.016	0.015
15255	0.017	0.015
15270	0.018	0.015
15285	0.019	0.015
15300	0.024	0.015
15315	0.028	0.016
15330	0.027	0.016
15345	0.021	0.016
15360	0.019	0.016
15375	0.017	0.016
15390	0.028	0.016
15405	0.017	0.016
15420	0.017	0.016
15435	0.015	0.016
15450	0.017	0.016
15465	0.017	0.016
15480	0.017	0.017
15495	0.017	0.017
15510	0.016	0.017
15525	0.017	0.017

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530190527
Firmware Version	3.1
Calibration Date	1/22/2025
Test Name	MANUAL_001
Test Start Time	8:08:18 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:05:36
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.236
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1344

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
15540	0.017	0.017
15555	0.016	0.017
15570	0.017	0.017
15585	0.017	0.017
15600	0.017	0.017
15615	0.016	0.017
15630	0.017	0.017
15645	0.018	0.017
15660	0.018	0.017
15675	0.017	0.017
15690	0.02	0.017
15705	0.03	0.017
15720	0.023	0.017
15735	0.018	0.017
15750	0.018	0.017
15765	0.016	0.017
15780	0.016	0.017
15795	0.017	0.018
15810	0.057	0.018
15825	0.031	0.018
15840	0.023	0.019
15855	0.019	0.019
15870	0.02	0.019
15885	0.016	0.019
15900	0.022	0.019
15915	0.019	0.019
15930	0.018	0.019
15945	0.018	0.019
15960	0.02	0.019
15975	0.017	0.019
15990	0.017	0.019
16005	0.018	0.019
16020	0.016	0.019
16035	0.016	0.019
16050	0.016	0.019
16065	0.017	0.019
16080	0.016	0.019
16095	0.016	0.019
16110	0.016	0.019
16125	0.017	0.019
16140	0.017	0.019
16155	0.016	0.019
16170	0.016	0.019
16185	0.015	0.019
16200	0.016	0.019
16215	0.017	0.019
16230	0.016	0.019
16245	0.016	0.019
16260	0.016	0.019
16275	0.016	0.019
16290	0.016	0.018
16305	0.016	0.018
16320	0.016	0.018
16335	0.016	0.018
16350	0.015	0.018
16365	0.016	0.018
16380	0.016	0.018
16395	0.016	0.018
16410	0.016	0.018
16425	0.015	0.018
16440	0.016	0.018
16455	0.016	0.018
16470	0.016	0.018
16485	0.016	0.018
16500	0.016	0.018
16515	0.016	0.018
16530	0.016	0.018
16545	0.016	0.018
16560	0.016	0.018

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530190527
Firmware Version	3.1
Calibration Date	1/22/2025
Test Name	MANUAL_001
Test Start Time	8:08:18 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:05:36
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.236
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1344

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
16575	0.016	0.018
16590	0.016	0.018
16605	0.015	0.018
16620	0.015	0.018
16635	0.016	0.018
16650	0.016	0.018
16665	0.016	0.018
16680	0.016	0.018
16695	0.016	0.018
16710	0.018	0.017
16725	0.017	0.017
16740	0.02	0.017
16755	0.024	0.017
16770	0.021	0.017
16785	0.02	0.017
16800	0.017	0.017
16815	0.018	0.017
16830	0.017	0.017
16845	0.018	0.017
16860	0.017	0.017
16875	0.017	0.017
16890	0.017	0.017
16905	0.016	0.017
16920	0.017	0.017
16935	0.016	0.017
16950	0.016	0.017
16965	0.016	0.017
16980	0.017	0.017
16995	0.016	0.017
17010	0.016	0.017
17025	0.016	0.017
17040	0.017	0.017
17055	0.018	0.017
17070	0.017	0.017
17085	0.017	0.017
17100	0.017	0.017
17115	0.016	0.017
17130	0.017	0.017
17145	0.016	0.017
17160	0.024	0.017
17175	0.017	0.017
17190	0.016	0.017
17205	0.016	0.017
17220	0.017	0.017
17235	0.017	0.017
17250	0.017	0.017
17265	0.016	0.017
17280	0.016	0.017
17295	0.017	0.017
17310	0.016	0.017
17325	0.016	0.017
17340	0.017	0.017
17355	0.017	0.017
17370	0.016	0.017
17385	0.016	0.017
17400	0.016	0.017
17415	0.016	0.017
17430	0.017	0.017
17445	0.016	0.017
17460	0.016	0.017
17475	0.017	0.017
17490	0.016	0.017
17505	0.017	0.017
17520	0.018	0.017
17535	0.017	0.017
17550	0.016	0.017
17565	0.017	0.017
17580	0.017	0.017
17595	0.017	0.017

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530190527
Firmware Version	3.1
Calibration Date	1/22/2025
Test Name	MANUAL_001
Test Start Time	8:08:18 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:05:36
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.236
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1344

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
17610	0.016	0.017
17625	0.016	0.017
17640	0.016	0.017
17655	0.017	0.017
17670	0.017	0.017
17685	0.019	0.017
17700	0.018	0.017
17715	0.016	0.017
17730	0.016	0.017
17745	0.017	0.017
17760	0.017	0.017
17775	0.017	0.017
17790	0.017	0.017
17805	0.016	0.017
17820	0.016	0.017
17835	0.018	0.017
17850	0.017	0.017
17865	0.017	0.017
17880	0.016	0.017
17895	0.016	0.017
17910	0.017	0.017
17925	0.017	0.017
17940	0.017	0.017
17955	0.017	0.017
17970	0.016	0.017
17985	0.016	0.017
18000	0.016	0.017
18015	0.017	0.017
18030	0.017	0.017
18045	0.017	0.017
18060	0.016	0.017
18075	0.017	0.017
18090	0.017	0.017
18105	0.017	0.017
18120	0.017	0.017
18135	0.017	0.017
18150	0.017	0.017
18165	0.017	0.017
18180	0.017	0.017
18195	0.016	0.017
18210	0.016	0.017
18225	0.016	0.017
18240	0.017	0.017
18255	0.018	0.017
18270	0.019	0.017
18285	0.019	0.017
18300	0.02	0.017
18315	0.017	0.017
18330	0.017	0.017
18345	0.017	0.017
18360	0.017	0.017
18375	0.017	0.017
18390	0.016	0.017
18405	0.016	0.017
18420	0.017	0.017
18435	0.017	0.017
18450	0.017	0.017
18465	0.017	0.017
18480	0.017	0.017
18495	0.017	0.017
18510	0.017	0.017
18525	0.017	0.017
18540	0.017	0.017
18555	0.017	0.017
18570	0.017	0.017
18585	0.016	0.017
18600	0.017	0.017
18615	0.016	0.017
18630	0.017	0.017

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530190527
Firmware Version	3.1
Calibration Date	1/22/2025
Test Name	MANUAL_001
Test Start Time	8:08:18 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:05:36
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.236
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1344

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
18645	0.016	0.017
18660	0.017	0.017
18675	0.019	0.017
18690	0.017	0.017
18705	0.017	0.017
18720	0.016	0.017
18735	0.018	0.017
18750	0.017	0.017
18765	0.017	0.017
18780	0.017	0.017
18795	0.018	0.017
18810	0.017	0.017
18825	0.017	0.017
18840	0.016	0.017
18855	0.016	0.017
18870	0.016	0.017
18885	0.017	0.017
18900	0.017	0.017
18915	0.017	0.017
18930	0.016	0.017
18945	0.016	0.017
18960	0.016	0.017
18975	0.016	0.017
18990	0.017	0.017
19005	0.016	0.017
19020	0.016	0.017
19035	0.017	0.017
19050	0.017	0.017
19065	0.017	0.017
19080	0.019	0.017
19095	0.018	0.017
19110	0.017	0.017
19125	0.02	0.017
19140	0.057	0.018
19155	0.022	0.018
19170	0.02	0.018
19185	0.055	0.018
19200	0.054	0.019
19215	0.039	0.019
19230	0.025	0.019
19245	0.023	0.020
19260	0.117	0.021
19275	0.112	0.023
19290	0.053	0.023
19305	0.021	0.024
19320	0.018	0.024
19335	0.018	0.024
19350	0.017	0.024
19365	0.016	0.024
19380	0.016	0.024
19395	0.016	0.024
19410	0.016	0.023
19425	0.016	0.023
19440	0.022	0.024
19455	0.03	0.024
19470	0.023	0.024
19485	0.017	0.024
19500	0.016	0.024
19515	0.016	0.024
19530	0.018	0.024
19545	0.018	0.024
19560	0.016	0.024
19575	0.016	0.024
19590	0.017	0.024
19605	0.016	0.024
19620	0.017	0.024
19635	0.016	0.024
19650	0.016	0.024
19665	0.016	0.024

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530190527
Firmware Version	3.1
Calibration Date	1/22/2025
Test Name	MANUAL_001
Test Start Time	8:08:18 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:05:36
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.017
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.236
Mass TWA [mg/m3]	0.012
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1344

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
19680	0.016	0.024
19695	0.015	0.024
19710	0.015	0.024
19725	0.017	0.024
19740	0.016	0.024
19755	0.016	0.024
19770	0.016	0.024
19785	0.016	0.024
19800	0.015	0.024
19815	0.02	0.024
19830	0.021	0.024
19845	0.023	0.024
19860	0.018	0.024
19875	0.016	0.024
19890	0.015	0.024
19905	0.016	0.024
19920	0.017	0.024
19935	0.017	0.024
19950	0.019	0.024
19965	0.02	0.024
19980	0.019	0.024
19995	0.018	0.024
20010	0.017	0.024
20025	0.016	0.024
20040	0.016	0.023
20055	0.017	0.023
20070	0.018	0.023
20085	0.017	0.022
20100	0.016	0.022
20115	0.015	0.021
20130	0.015	0.021
20145	0.016	0.021
20160	0.016	0.019

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 9, 2025		
Instrument Name	DustTrak II	
Model Number	8530	
Serial Number	8530190527	
Firmware Version	3.1	
Calibration Date	1/22/2025	
Test Name	MANUAL_002	
Test Start Time	8:04:43 AM	
Test Start Date	7/9/2025	
Test Length [D:H:M]	0:03:14	
Test Interval [M:S]	0:15	
Mass Average [mg/m3]	0.014	
Mass Minimum [mg/m3]	0.007	
Mass Maximum [mg/m3]	0.03	
Mass TWA [mg/m3]	0.006	
Photometric User Cal	1	
Flow User Cal	0	
Errors		
Number of Samples	778	

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
15	0.01	
30	0.008	
45	0.008	
60	0.008	
75	0.008	
90	0.007	
105	0.008	
120	0.008	
135	0.007	
150	0.008	
165	0.007	
180	0.008	
195	0.007	
210	0.007	
225	0.008	
240	0.007	
255	0.008	
270	0.008	
285	0.008	
300	0.008	
315	0.008	
330	0.008	
345	0.008	
360	0.008	
375	0.008	
390	0.007	
405	0.008	
420	0.008	
435	0.008	
450	0.008	
465	0.008	
480	0.008	
495	0.008	
510	0.008	
525	0.009	
540	0.008	
555	0.008	
570	0.008	
585	0.008	
600	0.008	
615	0.008	
630	0.008	
645	0.008	
660	0.008	
675	0.008	
690	0.008	
705	0.008	
720	0.008	
735	0.008	
750	0.008	
765	0.008	
780	0.009	
795	0.008	
810	0.008	
825	0.008	
840	0.008	
855	0.008	
870	0.008	
885	0.008	
900	0.008	0.008
915	0.008	0.008
930	0.008	0.008
945	0.008	0.008
960	0.008	0.008
975	0.008	0.008
990	0.008	0.008
1005	0.008	0.008
1020	0.008	0.008
1035	0.008	0.008

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 9, 2025		
Instrument Name	DustTrak II	
Model Number		8530
Serial Number		8530190527
Firmware Version		3.1
Calibration Date		1/22/2025
Test Name	MANUAL_002	
Test Start Time		8:04:43 AM
Test Start Date		7/9/2025
Test Length [D:H:M]		0:03:14
Test Interval [M:S]		0:15
Mass Average [mg/m3]		0.014
Mass Minimum [mg/m3]		0.007
Mass Maximum [mg/m3]		0.03
Mass TWA [mg/m3]		0.006
Photometric User Cal		1
Flow User Cal		0
Errors		
Number of Samples		778

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
1050	0.008	0.008
1065	0.008	0.008
1080	0.008	0.008
1095	0.008	0.008
1110	0.008	0.008
1125	0.008	0.008
1140	0.009	0.008
1155	0.008	0.008
1170	0.008	0.008
1185	0.008	0.008
1200	0.008	0.008
1215	0.008	0.008
1230	0.008	0.008
1245	0.008	0.008
1260	0.009	0.008
1275	0.008	0.008
1290	0.008	0.008
1305	0.009	0.008
1320	0.009	0.008
1335	0.009	0.008
1350	0.009	0.008
1365	0.009	0.008
1380	0.009	0.008
1395	0.008	0.008
1410	0.009	0.008
1425	0.008	0.008
1440	0.009	0.008
1455	0.008	0.008
1470	0.008	0.008
1485	0.009	0.008
1500	0.009	0.008
1515	0.008	0.008
1530	0.008	0.008
1545	0.01	0.008
1560	0.01	0.008
1575	0.01	0.008
1590	0.01	0.008
1605	0.01	0.008
1620	0.01	0.008
1635	0.01	0.008
1650	0.01	0.008
1665	0.01	0.009
1680	0.01	0.009
1695	0.01	0.009
1710	0.01	0.009
1725	0.01	0.009
1740	0.011	0.009
1755	0.011	0.009
1770	0.011	0.009
1785	0.012	0.009
1800	0.011	0.009
1815	0.012	0.009
1830	0.012	0.009
1845	0.011	0.009
1860	0.012	0.009
1875	0.012	0.009
1890	0.011	0.009
1905	0.012	0.009
1920	0.012	0.009
1935	0.012	0.009
1950	0.012	0.010
1965	0.011	0.010
1980	0.012	0.010
1995	0.012	0.010
2010	0.011	0.010
2025	0.012	0.010
2040	0.011	0.010
2055	0.011	0.010
2070	0.012	0.010

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 9, 2025		
Instrument Name	DustTrak II	
Model Number		8530
Serial Number		8530190527
Firmware Version		3.1
Calibration Date		1/22/2025
Test Name	MANUAL_002	
Test Start Time		8:04:43 AM
Test Start Date		7/9/2025
Test Length [D:H:M]		0:03:14
Test Interval [M:S]		0:15
Mass Average [mg/m3]		0.014
Mass Minimum [mg/m3]		0.007
Mass Maximum [mg/m3]		0.03
Mass TWA [mg/m3]		0.006
Photometric User Cal		1
Flow User Cal		0
Errors		
Number of Samples		778

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
2085	0.012	0.010
2100	0.01	0.010
2115	0.01	0.010
2130	0.01	0.010
2145	0.01	0.010
2160	0.011	0.010
2175	0.011	0.010
2190	0.012	0.010
2205	0.012	0.010
2220	0.011	0.010
2235	0.011	0.010
2250	0.011	0.010
2265	0.011	0.011
2280	0.01	0.011
2295	0.01	0.011
2310	0.01	0.011
2325	0.011	0.011
2340	0.011	0.011
2355	0.01	0.011
2370	0.01	0.011
2385	0.011	0.011
2400	0.011	0.011
2415	0.01	0.011
2430	0.01	0.011
2445	0.011	0.011
2460	0.01	0.011
2475	0.011	0.011
2490	0.01	0.011
2505	0.01	0.011
2520	0.011	0.011
2535	0.01	0.011
2550	0.01	0.011
2565	0.01	0.011
2580	0.01	0.011
2595	0.011	0.011
2610	0.01	0.011
2625	0.011	0.011
2640	0.011	0.011
2655	0.011	0.011
2670	0.011	0.011
2685	0.011	0.011
2700	0.012	0.011
2715	0.011	0.011
2730	0.011	0.011
2745	0.011	0.011
2760	0.011	0.011
2775	0.011	0.011
2790	0.011	0.011
2805	0.011	0.011
2820	0.011	0.011
2835	0.011	0.011
2850	0.011	0.011
2865	0.013	0.011
2880	0.012	0.011
2895	0.011	0.011
2910	0.011	0.011
2925	0.011	0.011
2940	0.012	0.011
2955	0.011	0.011
2970	0.011	0.011
2985	0.011	0.011
3000	0.011	0.011
3015	0.01	0.011
3030	0.011	0.011
3045	0.011	0.011
3060	0.012	0.011
3075	0.012	0.011
3090	0.012	0.011
3105	0.012	0.011

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 9, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530190527
Firmware Version	3.1
Calibration Date	1/22/2025
Test Name	MANUAL_002
Test Start Time	8:04:43 AM
Test Start Date	7/9/2025
Test Length [D:H:M]	0:03:14
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.014
Mass Minimum [mg/m3]	0.007
Mass Maximum [mg/m3]	0.03
Mass TWA [mg/m3]	0.006
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	778

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
3120	0.012	0.011
3135	0.012	0.011
3150	0.013	0.011
3165	0.013	0.011
3180	0.012	0.011
3195	0.011	0.011
3210	0.012	0.011
3225	0.012	0.011
3240	0.012	0.011
3255	0.012	0.011
3270	0.012	0.011
3285	0.011	0.011
3300	0.012	0.011
3315	0.012	0.011
3330	0.012	0.011
3345	0.011	0.011
3360	0.012	0.011
3375	0.012	0.011
3390	0.013	0.011
3405	0.013	0.011
3420	0.013	0.011
3435	0.014	0.012
3450	0.015	0.012
3465	0.016	0.012
3480	0.014	0.012
3495	0.013	0.012
3510	0.013	0.012
3525	0.013	0.012
3540	0.014	0.012
3555	0.014	0.012
3570	0.015	0.012
3585	0.015	0.012
3600	0.014	0.012
3615	0.014	0.012
3630	0.014	0.012
3645	0.014	0.012
3660	0.015	0.012
3675	0.015	0.012
3690	0.016	0.013
3705	0.017	0.013
3720	0.014	0.013
3735	0.016	0.013
3750	0.017	0.013
3765	0.015	0.013
3780	0.014	0.013
3795	0.015	0.013
3810	0.015	0.013
3825	0.015	0.013
3840	0.016	0.013
3855	0.016	0.013
3870	0.016	0.013
3885	0.017	0.013
3900	0.016	0.014
3915	0.018	0.014
3930	0.018	0.014
3945	0.016	0.014
3960	0.017	0.014
3975	0.018	0.014
3990	0.018	0.014
4005	0.018	0.014
4020	0.017	0.014
4035	0.018	0.014
4050	0.017	0.014
4065	0.017	0.015
4080	0.017	0.015
4095	0.016	0.015
4110	0.017	0.015
4125	0.02	0.015
4140	0.018	0.015

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 9, 2025		
Instrument Name	DustTrak II	
Model Number		8530
Serial Number		8530190527
Firmware Version		3.1
Calibration Date		1/22/2025
Test Name	MANUAL_002	
Test Start Time		8:04:43 AM
Test Start Date		7/9/2025
Test Length [D:H:M]		0:03:14
Test Interval [M:S]		0:15
Mass Average [mg/m3]		0.014
Mass Minimum [mg/m3]		0.007
Mass Maximum [mg/m3]		0.03
Mass TWA [mg/m3]		0.006
Photometric User Cal		1
Flow User Cal		0
Errors		
Number of Samples		778

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
4155	0.019	0.015
4170	0.018	0.015
4185	0.019	0.015
4200	0.018	0.015
4215	0.02	0.016
4230	0.021	0.016
4245	0.021	0.016
4260	0.02	0.016
4275	0.021	0.016
4290	0.021	0.016
4305	0.022	0.017
4320	0.022	0.017
4335	0.021	0.017
4350	0.022	0.017
4365	0.023	0.017
4380	0.023	0.017
4395	0.021	0.017
4410	0.021	0.017
4425	0.02	0.018
4440	0.021	0.018
4455	0.021	0.018
4470	0.021	0.018
4485	0.023	0.018
4500	0.023	0.018
4515	0.023	0.018
4530	0.021	0.018
4545	0.02	0.019
4560	0.019	0.019
4575	0.02	0.019
4590	0.02	0.019
4605	0.02	0.019
4620	0.02	0.019
4635	0.02	0.019
4650	0.02	0.019
4665	0.019	0.019
4680	0.021	0.019
4695	0.022	0.019
4710	0.02	0.019
4725	0.02	0.019
4740	0.019	0.020
4755	0.023	0.020
4770	0.02	0.020
4785	0.019	0.020
4800	0.019	0.020
4815	0.018	0.020
4830	0.018	0.020
4845	0.019	0.020
4860	0.018	0.020
4875	0.018	0.020
4890	0.018	0.020
4905	0.019	0.020
4920	0.019	0.020
4935	0.02	0.020
4950	0.02	0.020
4965	0.018	0.020
4980	0.017	0.020
4995	0.019	0.020
5010	0.018	0.020
5025	0.018	0.020
5040	0.02	0.020
5055	0.022	0.020
5070	0.017	0.020
5085	0.017	0.020
5100	0.017	0.020
5115	0.019	0.020
5130	0.018	0.020
5145	0.018	0.020
5160	0.017	0.020
5175	0.017	0.020

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 9, 2025		
Instrument Name	DustTrak II	
Model Number		8530
Serial Number		8530190527
Firmware Version		3.1
Calibration Date		1/22/2025
Test Name	MANUAL_002	
Test Start Time		8:04:43 AM
Test Start Date		7/9/2025
Test Length [D:H:M]		0:03:14
Test Interval [M:S]		0:15
Mass Average [mg/m3]		0.014
Mass Minimum [mg/m3]		0.007
Mass Maximum [mg/m3]		0.03
Mass TWA [mg/m3]		0.006
Photometric User Cal		1
Flow User Cal		0
Errors		
Number of Samples		778

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
5190	0.017	0.020
5205	0.016	0.020
5220	0.016	0.020
5235	0.015	0.019
5250	0.016	0.019
5265	0.015	0.019
5280	0.015	0.019
5295	0.015	0.019
5310	0.015	0.019
5325	0.015	0.019
5340	0.015	0.019
5355	0.014	0.019
5370	0.014	0.018
5385	0.015	0.018
5400	0.015	0.018
5415	0.015	0.018
5430	0.015	0.018
5445	0.015	0.018
5460	0.015	0.018
5475	0.014	0.018
5490	0.014	0.018
5505	0.015	0.018
5520	0.014	0.017
5535	0.014	0.017
5550	0.014	0.017
5565	0.017	0.017
5580	0.017	0.017
5595	0.015	0.017
5610	0.017	0.017
5625	0.017	0.017
5640	0.015	0.017
5655	0.015	0.017
5670	0.015	0.017
5685	0.016	0.017
5700	0.014	0.017
5715	0.015	0.016
5730	0.015	0.016
5745	0.015	0.016
5760	0.018	0.016
5775	0.016	0.016
5790	0.015	0.016
5805	0.014	0.016
5820	0.013	0.016
5835	0.014	0.016
5850	0.015	0.016
5865	0.015	0.016
5880	0.025	0.016
5895	0.018	0.016
5910	0.017	0.016
5925	0.015	0.016
5940	0.015	0.016
5955	0.016	0.016
5970	0.014	0.016
5985	0.016	0.016
6000	0.02	0.016
6015	0.017	0.016
6030	0.016	0.016
6045	0.017	0.016
6060	0.018	0.016
6075	0.017	0.016
6090	0.015	0.016
6105	0.015	0.016
6120	0.015	0.016
6135	0.014	0.016
6150	0.015	0.016
6165	0.015	0.016
6180	0.016	0.016
6195	0.015	0.016
6210	0.015	0.016

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 9, 2025		
Instrument Name	DustTrak II	
Model Number		8530
Serial Number		8530190527
Firmware Version		3.1
Calibration Date		1/22/2025
Test Name	MANUAL_002	
Test Start Time		8:04:43 AM
Test Start Date		7/9/2025
Test Length [D:H:M]		0:03:14
Test Interval [M:S]		0:15
Mass Average [mg/m3]		0.014
Mass Minimum [mg/m3]		0.007
Mass Maximum [mg/m3]		0.03
Mass TWA [mg/m3]		0.006
Photometric User Cal		1
Flow User Cal		0
Errors		
Number of Samples		778

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
6225	0.014	0.016
6240	0.014	0.016
6255	0.014	0.016
6270	0.013	0.015
6285	0.013	0.015
6300	0.013	0.015
6315	0.014	0.015
6330	0.014	0.015
6345	0.014	0.015
6360	0.013	0.015
6375	0.013	0.015
6390	0.013	0.015
6405	0.015	0.015
6420	0.014	0.015
6435	0.013	0.015
6450	0.013	0.015
6465	0.013	0.015
6480	0.014	0.015
6495	0.014	0.015
6510	0.013	0.015
6525	0.014	0.015
6540	0.013	0.015
6555	0.014	0.015
6570	0.014	0.015
6585	0.014	0.015
6600	0.016	0.015
6615	0.015	0.015
6630	0.015	0.015
6645	0.016	0.015
6660	0.015	0.015
6675	0.015	0.015
6690	0.015	0.015
6705	0.015	0.015
6720	0.015	0.015
6735	0.014	0.015
6750	0.015	0.015
6765	0.015	0.015
6780	0.015	0.015
6795	0.015	0.015
6810	0.015	0.015
6825	0.017	0.015
6840	0.015	0.015
6855	0.014	0.015
6870	0.013	0.015
6885	0.014	0.015
6900	0.015	0.015
6915	0.015	0.015
6930	0.015	0.015
6945	0.014	0.014
6960	0.017	0.014
6975	0.015	0.014
6990	0.014	0.014
7005	0.014	0.014
7020	0.014	0.014
7035	0.013	0.014
7050	0.014	0.014
7065	0.014	0.014
7080	0.013	0.014
7095	0.014	0.014
7110	0.014	0.014
7125	0.013	0.014
7140	0.013	0.014
7155	0.013	0.014
7170	0.014	0.014
7185	0.014	0.014
7200	0.014	0.014
7215	0.014	0.014
7230	0.014	0.014
7245	0.019	0.014

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 9, 2025		
Instrument Name	DustTrak II	
Model Number		8530
Serial Number		8530190527
Firmware Version		3.1
Calibration Date		1/22/2025
Test Name	MANUAL_002	
Test Start Time		8:04:43 AM
Test Start Date		7/9/2025
Test Length [D:H:M]		0:03:14
Test Interval [M:S]		0:15
Mass Average [mg/m3]		0.014
Mass Minimum [mg/m3]		0.007
Mass Maximum [mg/m3]		0.03
Mass TWA [mg/m3]		0.006
Photometric User Cal		1
Flow User Cal		0
Errors		
Number of Samples		778

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
7260	0.018	0.014
7275	0.014	0.014
7290	0.014	0.014
7305	0.014	0.014
7320	0.014	0.014
7335	0.014	0.014
7350	0.016	0.014
7365	0.015	0.015
7380	0.015	0.015
7395	0.013	0.015
7410	0.013	0.015
7425	0.013	0.015
7440	0.013	0.015
7455	0.014	0.015
7470	0.015	0.015
7485	0.013	0.015
7500	0.014	0.014
7515	0.014	0.014
7530	0.013	0.014
7545	0.014	0.014
7560	0.014	0.014
7575	0.014	0.014
7590	0.014	0.014
7605	0.014	0.014
7620	0.013	0.014
7635	0.013	0.014
7650	0.013	0.014
7665	0.013	0.014
7680	0.014	0.014
7695	0.014	0.014
7710	0.014	0.014
7725	0.013	0.014
7740	0.013	0.014
7755	0.013	0.014
7770	0.013	0.014
7785	0.013	0.014
7800	0.012	0.014
7815	0.013	0.014
7830	0.014	0.014
7845	0.014	0.014
7860	0.014	0.014
7875	0.014	0.014
7890	0.014	0.014
7905	0.012	0.014
7920	0.014	0.014
7935	0.013	0.014
7950	0.013	0.014
7965	0.012	0.014
7980	0.013	0.014
7995	0.013	0.014
8010	0.014	0.014
8025	0.013	0.014
8040	0.014	0.014
8055	0.014	0.014
8070	0.013	0.014
8085	0.013	0.014
8100	0.013	0.014
8115	0.013	0.014
8130	0.013	0.014
8145	0.014	0.014
8160	0.014	0.014
8175	0.013	0.014
8190	0.013	0.014
8205	0.013	0.014
8220	0.013	0.013
8235	0.014	0.013
8250	0.013	0.013
8265	0.013	0.013
8280	0.013	0.013

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 9, 2025		
Instrument Name	DustTrak II	
Model Number		8530
Serial Number		8530190527
Firmware Version		3.1
Calibration Date		1/22/2025
Test Name	MANUAL_002	
Test Start Time		8:04:43 AM
Test Start Date		7/9/2025
Test Length [D:H:M]		0:03:14
Test Interval [M:S]		0:15
Mass Average [mg/m3]		0.014
Mass Minimum [mg/m3]		0.007
Mass Maximum [mg/m3]		0.03
Mass TWA [mg/m3]		0.006
Photometric User Cal		1
Flow User Cal		0
Errors		
Number of Samples		778

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
8295	0.013	0.013
8310	0.013	0.013
8325	0.013	0.013
8340	0.013	0.013
8355	0.013	0.013
8370	0.013	0.013
8385	0.019	0.013
8400	0.018	0.013
8415	0.017	0.014
8430	0.015	0.014
8445	0.016	0.014
8460	0.016	0.014
8475	0.015	0.014
8490	0.016	0.014
8505	0.015	0.014
8520	0.017	0.014
8535	0.018	0.014
8550	0.016	0.014
8565	0.014	0.014
8580	0.014	0.014
8595	0.013	0.014
8610	0.014	0.014
8625	0.014	0.014
8640	0.019	0.014
8655	0.017	0.014
8670	0.015	0.014
8685	0.015	0.014
8700	0.014	0.014
8715	0.014	0.014
8730	0.015	0.014
8745	0.014	0.014
8760	0.014	0.014
8775	0.013	0.014
8790	0.014	0.014
8805	0.015	0.014
8820	0.015	0.014
8835	0.016	0.014
8850	0.014	0.014
8865	0.014	0.014
8880	0.015	0.014
8895	0.014	0.014
8910	0.014	0.014
8925	0.015	0.014
8940	0.015	0.014
8955	0.018	0.015
8970	0.015	0.015
8985	0.015	0.015
9000	0.018	0.015
9015	0.015	0.015
9030	0.015	0.015
9045	0.014	0.015
9060	0.014	0.015
9075	0.013	0.015
9090	0.014	0.015
9105	0.014	0.015
9120	0.014	0.015
9135	0.014	0.015
9150	0.015	0.015
9165	0.018	0.015
9180	0.015	0.015
9195	0.013	0.015
9210	0.014	0.015
9225	0.014	0.015
9240	0.013	0.015
9255	0.013	0.015
9270	0.013	0.015
9285	0.013	0.015
9300	0.014	0.015
9315	0.014	0.015

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 9, 2025		
Instrument Name	DustTrak II	
Model Number		8530
Serial Number		8530190527
Firmware Version		3.1
Calibration Date		1/22/2025
Test Name	MANUAL_002	
Test Start Time		8:04:43 AM
Test Start Date		7/9/2025
Test Length [D:H:M]		0:03:14
Test Interval [M:S]		0:15
Mass Average [mg/m3]		0.014
Mass Minimum [mg/m3]		0.007
Mass Maximum [mg/m3]		0.03
Mass TWA [mg/m3]		0.006
Photometric User Cal		1
Flow User Cal		0
Errors		
Number of Samples		778

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
9330	0.013	0.015
9345	0.013	0.015
9360	0.015	0.015
9375	0.014	0.015
9390	0.014	0.015
9405	0.014	0.015
9420	0.014	0.015
9435	0.015	0.015
9450	0.014	0.014
9465	0.014	0.014
9480	0.014	0.014
9495	0.014	0.014
9510	0.013	0.014
9525	0.014	0.014
9540	0.014	0.014
9555	0.014	0.014
9570	0.015	0.014
9585	0.014	0.014
9600	0.015	0.014
9615	0.017	0.014
9630	0.015	0.014
9645	0.015	0.014
9660	0.015	0.014
9675	0.015	0.014
9690	0.014	0.014
9705	0.016	0.014
9720	0.015	0.014
9735	0.016	0.014
9750	0.017	0.015
9765	0.015	0.015
9780	0.014	0.015
9795	0.014	0.015
9810	0.015	0.015
9825	0.015	0.015
9840	0.014	0.015
9855	0.015	0.014
9870	0.015	0.014
9885	0.015	0.014
9900	0.016	0.014
9915	0.015	0.014
9930	0.015	0.014
9945	0.015	0.014
9960	0.014	0.014
9975	0.014	0.014
9990	0.014	0.014
10005	0.014	0.014
10020	0.014	0.014
10035	0.014	0.014
10050	0.014	0.014
10065	0.014	0.014
10080	0.014	0.014
10095	0.014	0.014
10110	0.014	0.014
10125	0.014	0.014
10140	0.014	0.014
10155	0.015	0.014
10170	0.016	0.014
10185	0.016	0.015
10200	0.015	0.015
10215	0.015	0.015
10230	0.014	0.015
10245	0.014	0.015
10260	0.014	0.015
10275	0.016	0.015
10290	0.017	0.015
10305	0.016	0.015
10320	0.016	0.015
10335	0.015	0.015
10350	0.014	0.015

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 9, 2025		
Instrument Name	DustTrak II	
Model Number		8530
Serial Number		8530190527
Firmware Version		3.1
Calibration Date		1/22/2025
Test Name	MANUAL_002	
Test Start Time		8:04:43 AM
Test Start Date		7/9/2025
Test Length [D:H:M]		0:03:14
Test Interval [M:S]		0:15
Mass Average [mg/m3]		0.014
Mass Minimum [mg/m3]		0.007
Mass Maximum [mg/m3]		0.03
Mass TWA [mg/m3]		0.006
Photometric User Cal		1
Flow User Cal		0
Errors		
Number of Samples		778

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
10365	0.014	0.015
10380	0.015	0.015
10395	0.016	0.015
10410	0.014	0.015
10425	0.015	0.015
10440	0.014	0.015
10455	0.014	0.015
10470	0.015	0.015
10485	0.018	0.015
10500	0.018	0.015
10515	0.02	0.015
10530	0.019	0.015
10545	0.018	0.015
10560	0.021	0.015
10575	0.017	0.015
10590	0.016	0.015
10605	0.017	0.015
10620	0.015	0.015
10635	0.015	0.015
10650	0.015	0.015
10665	0.015	0.015
10680	0.014	0.015
10695	0.015	0.015
10710	0.013	0.015
10725	0.014	0.015
10740	0.017	0.015
10755	0.016	0.015
10770	0.014	0.015
10785	0.014	0.015
10800	0.014	0.015
10815	0.014	0.015
10830	0.014	0.015
10845	0.014	0.015
10860	0.014	0.015
10875	0.014	0.015
10890	0.014	0.015
10905	0.014	0.015
10920	0.013	0.015
10935	0.014	0.015
10950	0.014	0.015
10965	0.013	0.015
10980	0.013	0.015
10995	0.014	0.015
11010	0.014	0.015
11025	0.018	0.015
11040	0.028	0.015
11055	0.02	0.015
11070	0.015	0.015
11085	0.015	0.015
11100	0.015	0.015
11115	0.014	0.015
11130	0.013	0.015
11145	0.015	0.015
11160	0.015	0.015
11175	0.014	0.015
11190	0.014	0.015
11205	0.014	0.015
11220	0.014	0.015
11235	0.015	0.015
11250	0.015	0.015
11265	0.015	0.015
11280	0.016	0.015
11295	0.03	0.016
11310	0.016	0.016
11325	0.014	0.016
11340	0.014	0.016
11355	0.014	0.016
11370	0.014	0.016
11385	0.015	0.016

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

DOWNWIND PARTICULATE MONITORING DATA - July 9, 2025		
Instrument Name	DustTrak II	
Model Number		8530
Serial Number		8530190527
Firmware Version		3.1
Calibration Date		1/22/2025
Test Name	MANUAL_002	
Test Start Time		8:04:43 AM
Test Start Date		7/9/2025
Test Length [D:H:M]		0:03:14
Test Interval [M:S]		0:15
Mass Average [mg/m3]		0.014
Mass Minimum [mg/m3]		0.007
Mass Maximum [mg/m3]		0.03
Mass TWA [mg/m3]		0.006
Photometric User Cal		1
Flow User Cal		0
Errors		
Number of Samples		778

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
11400	0.015	0.015
11415	0.017	0.015
11430	0.019	0.015
11445	0.02	0.015
11460	0.021	0.015
11475	0.015	0.015
11490	0.015	0.015
11505	0.015	0.015
11520	0.014	0.015
11535	0.014	0.015
11550	0.014	0.015
11565	0.016	0.015
11580	0.016	0.015
11595	0.017	0.015
11610	0.017	0.015
11625	0.016	0.016
11640	0.016	0.016
11655	0.018	0.016
11670	0.017	0.016

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_001
Test Start Time	6:46:49 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:06:29
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.036
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.805
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1556

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
15	0.036	
30	0.025	
45	0.04	
60	0.035	
75	0.032	
90	0.034	
105	0.035	
120	0.034	
135	0.024	
150	0.034	
165	0.037	
180	0.027	
195	0.045	
210	0.062	
225	0.03	
240	0.019	
255	0.014	
270	0.013	
285	0.014	
300	0.013	
315	0.013	
330	0.015	
345	0.015	
360	0.017	
375	0.016	
390	0.021	
405	0.02	
420	0.031	
435	0.035	
450	0.032	
465	0.036	
480	0.038	
495	0.039	
510	0.036	
525	0.04	
540	0.034	
555	0.042	
570	0.033	
585	0.033	
600	0.029	
615	0.029	
630	0.028	
645	0.025	
660	0.022	
675	0.023	
690	0.023	
705	0.019	
720	0.017	
735	0.021	
750	0.018	
765	0.017	
780	0.018	
795	0.017	
810	0.02	
825	0.029	
840	0.036	
855	0.021	
870	0.018	
885	0.018	
900	0.015	0.027
915	0.014	0.027
930	0.016	0.026
945	0.015	0.026
960	0.017	0.026
975	0.015	0.025
990	0.015	0.025
1005	0.018	0.025
1020	0.019	0.025
1035	0.018	0.024
1050	0.016	0.024

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_001
Test Start Time	6:46:49 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:06:29
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.036
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.805
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1556

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
1065	0.018	0.024
1080	0.02	0.024
1095	0.027	0.023
1110	0.023	0.023
1125	0.017	0.023
1140	0.016	0.022
1155	0.021	0.023
1170	0.02	0.023
1185	0.016	0.023
1200	0.019	0.023
1215	0.024	0.023
1230	0.019	0.023
1245	0.018	0.023
1260	0.022	0.023
1275	0.028	0.023
1290	0.025	0.023
1305	0.024	0.024
1320	0.022	0.023
1335	0.025	0.023
1350	0.02	0.023
1365	0.02	0.023
1380	0.022	0.022
1395	0.022	0.022
1410	0.024	0.022
1425	0.039	0.022
1440	0.045	0.022
1455	0.048	0.022
1470	0.044	0.022
1485	0.037	0.023
1500	0.036	0.023
1515	0.03	0.023
1530	0.028	0.023
1545	0.029	0.023
1560	0.029	0.023
1575	0.029	0.023
1590	0.034	0.023
1605	0.04	0.023
1620	0.034	0.024
1635	0.028	0.024
1650	0.031	0.024
1665	0.031	0.024
1680	0.03	0.025
1695	0.029	0.025
1710	0.032	0.025
1725	0.03	0.025
1740	0.034	0.025
1755	0.03	0.025
1770	0.03	0.025
1785	0.023	0.025
1800	0.032	0.026
1815	0.033	0.026
1830	0.033	0.026
1845	0.033	0.027
1860	0.039	0.027
1875	0.037	0.027
1890	0.034	0.028
1905	0.033	0.028
1920	0.047	0.028
1935	0.048	0.029
1950	0.054	0.029
1965	0.05	0.030
1980	0.048	0.030
1995	0.045	0.031
2010	0.044	0.031
2025	0.042	0.031
2040	0.038	0.032
2055	0.039	0.032
2070	0.042	0.033
2085	0.044	0.033
2100	0.046	0.033

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_001
Test Start Time	6:46:49 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:06:29
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.036
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.805
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1556

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
2115	0.054	0.034
2130	0.079	0.035
2145	0.038	0.035
2160	0.054	0.036
2175	0.07	0.037
2190	0.048	0.037
2205	0.051	0.037
2220	0.054	0.038
2235	0.064	0.039
2250	0.064	0.039
2265	0.062	0.040
2280	0.061	0.041
2295	0.06	0.041
2310	0.072	0.042
2325	0.17	0.044
2340	0.142	0.046
2355	0.049	0.046
2370	0.04	0.046
2385	0.043	0.046
2400	0.049	0.046
2415	0.048	0.046
2430	0.049	0.047
2445	0.043	0.047
2460	0.05	0.047
2475	0.127	0.049
2490	0.314	0.054
2505	0.099	0.055
2520	0.049	0.055
2535	0.063	0.055
2550	0.091	0.056
2565	0.06	0.057
2580	0.042	0.057
2595	0.044	0.057
2610	0.04	0.058
2625	0.043	0.058
2640	0.037	0.058
2655	0.037	0.058
2670	0.039	0.058
2685	0.039	0.058
2700	0.039	0.058
2715	0.039	0.059
2730	0.041	0.059
2745	0.039	0.059
2760	0.039	0.059
2775	0.042	0.059
2790	0.06	0.059
2805	0.063	0.060
2820	0.054	0.060
2835	0.05	0.060
2850	0.051	0.060
2865	0.051	0.060
2880	0.043	0.060
2895	0.045	0.060
2910	0.049	0.060
2925	0.049	0.060
2940	0.052	0.060
2955	0.047	0.060
2970	0.044	0.060
2985	0.046	0.060
3000	0.047	0.060
3015	0.047	0.060
3030	0.052	0.060
3045	0.043	0.060
3060	0.045	0.060
3075	0.044	0.059
3090	0.042	0.059
3105	0.061	0.059
3120	0.063	0.060
3135	0.08	0.060
3150	0.07	0.060

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_001
Test Start Time	6:46:49 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:06:29
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.036
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.805
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1556

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
3165	0.058	0.060
3180	0.067	0.060
3195	0.087	0.060
3210	0.074	0.061
3225	0.08	0.059
3240	0.076	0.058
3255	0.063	0.058
3270	0.055	0.058
3285	0.075	0.059
3300	0.064	0.059
3315	0.075	0.060
3330	0.055	0.060
3345	0.06	0.060
3360	0.053	0.060
3375	0.052	0.059
3390	0.054	0.054
3405	0.101	0.055
3420	0.063	0.055
3435	0.064	0.055
3450	0.065	0.054
3465	0.076	0.055
3480	0.055	0.055
3495	0.051	0.055
3510	0.047	0.055
3525	0.063	0.055
3540	0.119	0.057
3555	0.111	0.058
3570	0.1	0.059
3585	0.057	0.059
3600	0.069	0.060
3615	0.052	0.060
3630	0.047	0.060
3645	0.045	0.060
3660	0.038	0.060
3675	0.038	0.060
3690	0.045	0.060
3705	0.035	0.059
3720	0.038	0.059
3735	0.047	0.059
3750	0.06	0.059
3765	0.042	0.059
3780	0.033	0.059
3795	0.034	0.059
3810	0.035	0.059
3825	0.037	0.058
3840	0.033	0.058
3855	0.035	0.058
3870	0.108	0.059
3885	0.135	0.060
3900	0.088	0.061
3915	0.089	0.062
3930	0.109	0.063
3945	0.125	0.064
3960	0.083	0.065
3975	0.06	0.065
3990	0.075	0.065
4005	0.085	0.066
4020	0.083	0.066
4035	0.044	0.066
4050	0.039	0.065
4065	0.045	0.065
4080	0.029	0.064
4095	0.022	0.063
4110	0.021	0.062
4125	0.03	0.061
4140	0.079	0.062
4155	0.031	0.061
4170	0.026	0.060
4185	0.025	0.060
4200	0.061	0.060

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_001
Test Start Time	6:46:49 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:06:29
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.036
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.805
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1556

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
4215	0.05	0.059
4230	0.039	0.059
4245	0.03	0.058
4260	0.028	0.058
4275	0.028	0.058
4290	0.022	0.057
4305	0.031	0.056
4320	0.114	0.057
4335	0.041	0.056
4350	0.049	0.056
4365	0.028	0.055
4380	0.042	0.055
4395	0.05	0.055
4410	0.023	0.055
4425	0.036	0.054
4440	0.028	0.053
4455	0.028	0.051
4470	0.043	0.050
4485	0.036	0.050
4500	0.036	0.049
4515	0.028	0.049
4530	0.018	0.049
4545	0.026	0.048
4560	0.016	0.048
4575	0.015	0.048
4590	0.02	0.047
4605	0.018	0.047
4620	0.013	0.046
4635	0.015	0.046
4650	0.015	0.045
4665	0.016	0.045
4680	0.013	0.044
4695	0.017	0.044
4710	0.027	0.044
4725	0.03	0.044
4740	0.021	0.044
4755	0.024	0.043
4770	0.023	0.042
4785	0.028	0.040
4800	0.023	0.039
4815	0.024	0.038
4830	0.033	0.037
4845	0.051	0.036
4860	0.033	0.035
4875	0.028	0.034
4890	0.027	0.033
4905	0.032	0.033
4920	0.027	0.032
4935	0.021	0.031
4950	0.021	0.031
4965	0.033	0.031
4980	0.031	0.031
4995	0.035	0.031
5010	0.03	0.031
5025	0.025	0.031
5040	0.028	0.030
5055	0.022	0.030
5070	0.017	0.030
5085	0.017	0.030
5100	0.014	0.029
5115	0.015	0.028
5130	0.022	0.028
5145	0.018	0.028
5160	0.012	0.028
5175	0.015	0.027
5190	0.022	0.027
5205	0.032	0.027
5220	0.052	0.026
5235	0.032	0.026
5250	0.024	0.026

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_001
Test Start Time	6:46:49 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:06:29
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.036
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.805
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1556

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
5265	0.018	0.026
5280	0.016	0.025
5295	0.015	0.025
5310	0.013	0.024
5325	0.014	0.024
5340	0.013	0.024
5355	0.017	0.024
5370	0.017	0.023
5385	0.018	0.023
5400	0.019	0.023
5415	0.018	0.022
5430	0.016	0.022
5445	0.015	0.022
5460	0.012	0.022
5475	0.013	0.022
5490	0.028	0.022
5505	0.015	0.022
5520	0.013	0.022
5535	0.014	0.022
5550	0.014	0.022
5565	0.012	0.022
5580	0.012	0.022
5595	0.013	0.022
5610	0.013	0.022
5625	0.012	0.022
5640	0.013	0.021
5655	0.025	0.021
5670	0.023	0.021
5685	0.018	0.021
5700	0.016	0.021
5715	0.021	0.021
5730	0.03	0.021
5745	0.034	0.021
5760	0.04	0.021
5775	0.019	0.021
5790	0.024	0.021
5805	0.027	0.021
5820	0.018	0.020
5835	0.019	0.020
5850	0.016	0.020
5865	0.019	0.020
5880	0.026	0.020
5895	0.025	0.020
5910	0.022	0.020
5925	0.019	0.020
5940	0.014	0.019
5955	0.015	0.019
5970	0.015	0.019
5985	0.013	0.019
6000	0.014	0.019
6015	0.016	0.019
6030	0.013	0.019
6045	0.052	0.020
6060	0.077	0.021
6075	0.069	0.022
6090	0.087	0.023
6105	0.073	0.023
6120	0.07	0.024
6135	0.063	0.024
6150	0.056	0.025
6165	0.056	0.025
6180	0.039	0.026
6195	0.027	0.026
6210	0.194	0.029
6225	0.087	0.030
6240	0.138	0.032
6255	0.043	0.033
6270	0.035	0.033
6285	0.027	0.033
6300	0.022	0.033

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_001
Test Start Time	6:46:49 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:06:29
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.036
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.805
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1556

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
6315	0.027	0.033
6330	0.024	0.033
6345	0.018	0.033
6360	0.019	0.034
6375	0.016	0.034
6390	0.014	0.033
6405	0.016	0.033
6420	0.015	0.033
6435	0.014	0.033
6450	0.014	0.033
6465	0.014	0.034
6480	0.014	0.034
6495	0.014	0.034
6510	0.014	0.034
6525	0.013	0.034
6540	0.018	0.034
6555	0.025	0.034
6570	0.022	0.034
6585	0.022	0.034
6600	0.017	0.034
6615	0.017	0.034
6630	0.017	0.033
6645	0.016	0.033
6660	0.013	0.033
6675	0.012	0.033
6690	0.013	0.032
6705	0.012	0.032
6720	0.016	0.032
6735	0.016	0.032
6750	0.015	0.032
6765	0.018	0.032
6780	0.029	0.032
6795	0.018	0.032
6810	0.02	0.032
6825	0.027	0.032
6840	0.031	0.032
6855	0.025	0.033
6870	0.021	0.033
6885	0.014	0.033
6900	0.012	0.033
6915	0.012	0.033
6930	0.034	0.033
6945	0.034	0.033
6960	0.029	0.032
6975	0.021	0.031
6990	0.024	0.030
7005	0.023	0.029
7020	0.028	0.028
7035	0.027	0.028
7050	0.018	0.027
7065	0.018	0.027
7080	0.017	0.026
7095	0.016	0.026
7110	0.02	0.023
7125	0.019	0.022
7140	0.026	0.020
7155	0.029	0.020
7170	0.025	0.020
7185	0.019	0.020
7200	0.017	0.019
7215	0.015	0.019
7230	0.013	0.019
7245	0.018	0.019
7260	0.076	0.020
7275	0.127	0.022
7290	0.035	0.022
7305	0.022	0.022
7320	0.019	0.022
7335	0.017	0.022
7350	0.017	0.023

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_001
Test Start Time	6:46:49 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:06:29
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.036
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.805
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1556

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
7365	0.016	0.023
7380	0.015	0.023
7395	0.015	0.023
7410	0.014	0.023
7425	0.013	0.023
7440	0.018	0.023
7455	0.021	0.023
7470	0.018	0.022
7485	0.019	0.022
7500	0.018	0.022
7515	0.026	0.023
7530	0.02	0.023
7545	0.017	0.023
7560	0.019	0.023
7575	0.03	0.023
7590	0.028	0.023
7605	0.049	0.024
7620	0.049	0.024
7635	0.054	0.025
7650	0.059	0.026
7665	0.025	0.026
7680	0.032	0.026
7695	0.038	0.026
7710	0.029	0.026
7725	0.025	0.026
7740	0.02	0.026
7755	0.018	0.026
7770	0.019	0.026
7785	0.016	0.026
7800	0.012	0.026
7815	0.015	0.026
7830	0.018	0.026
7845	0.019	0.026
7860	0.017	0.025
7875	0.013	0.025
7890	0.031	0.025
7905	0.029	0.026
7920	0.017	0.025
7935	0.013	0.025
7950	0.014	0.025
7965	0.022	0.025
7980	0.024	0.025
7995	0.024	0.025
8010	0.033	0.026
8025	0.047	0.026
8040	0.169	0.028
8055	0.188	0.031
8070	0.085	0.032
8085	0.056	0.033
8100	0.041	0.033
8115	0.029	0.033
8130	0.03	0.034
8145	0.067	0.034
8160	0.021	0.034
8175	0.285	0.036
8190	0.087	0.037
8205	0.063	0.038
8220	0.062	0.038
8235	0.042	0.039
8250	0.095	0.040
8265	0.181	0.043
8280	0.168	0.045
8295	0.053	0.046
8310	0.038	0.046
8325	0.029	0.047
8340	0.029	0.047
8355	0.034	0.047
8370	0.03	0.047
8385	0.031	0.048
8400	0.022	0.048

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_001
Test Start Time	6:46:49 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:06:29
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.036
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.805
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1556

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
8415	0.031	0.048
8430	0.025	0.048
8445	0.035	0.048
8460	0.04	0.048
8475	0.035	0.049
8490	0.025	0.048
8505	0.026	0.048
8520	0.024	0.048
8535	0.025	0.047
8550	0.031	0.047
8565	0.018	0.047
8580	0.02	0.046
8595	0.023	0.046
8610	0.025	0.046
8625	0.018	0.046
8640	0.023	0.046
8655	0.018	0.046
8670	0.021	0.046
8685	0.05	0.047
8700	0.035	0.047
8715	0.027	0.047
8730	0.036	0.047
8745	0.12	0.049
8760	0.147	0.051
8775	0.044	0.052
8790	0.066	0.052
8805	0.05	0.053
8820	0.063	0.054
8835	0.038	0.054
8850	0.05	0.055
8865	0.132	0.056
8880	0.087	0.057
8895	0.062	0.058
8910	0.055	0.058
8925	0.084	0.059
8940	0.051	0.057
8955	0.035	0.055
8970	0.02	0.053
8985	0.022	0.053
9000	0.024	0.053
9015	0.02	0.052
9030	0.033	0.053
9045	0.051	0.052
9060	0.039	0.053
9075	0.037	0.048
9090	0.02	0.047
9105	0.029	0.047
9120	0.042	0.046
9135	0.043	0.046
9150	0.035	0.045
9165	0.026	0.043
9180	0.033	0.041
9195	0.032	0.040
9210	0.018	0.040
9225	0.016	0.040
9240	0.014	0.039
9255	0.021	0.039
9270	0.015	0.039
9285	0.014	0.039
9300	0.026	0.039
9315	0.017	0.039
9330	0.037	0.039
9345	0.027	0.039
9360	0.029	0.038
9375	0.017	0.038
9390	0.029	0.038
9405	0.061	0.039
9420	0.055	0.039
9435	0.02	0.039
9450	0.016	0.039

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_001
Test Start Time	6:46:49 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:06:29
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.036
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.805
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1556

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
9465	0.015	0.039
9480	0.018	0.039
9495	0.02	0.039
9510	0.027	0.039
9525	0.02	0.039
9540	0.016	0.039
9555	0.019	0.039
9570	0.019	0.039
9585	0.015	0.038
9600	0.015	0.038
9615	0.019	0.038
9630	0.018	0.037
9645	0.015	0.036
9660	0.023	0.034
9675	0.014	0.033
9690	0.013	0.032
9705	0.013	0.032
9720	0.012	0.031
9735	0.012	0.030
9750	0.013	0.030
9765	0.013	0.028
9780	0.012	0.026
9795	0.013	0.026
9810	0.014	0.025
9825	0.014	0.024
9840	0.014	0.023
9855	0.014	0.023
9870	0.013	0.023
9885	0.017	0.023
9900	0.038	0.023
9915	0.033	0.023
9930	0.039	0.023
9945	0.035	0.023
9960	0.029	0.023
9975	0.025	0.023
9990	0.023	0.023
10005	0.016	0.022
10020	0.015	0.022
10035	0.015	0.021
10050	0.022	0.021
10065	0.085	0.022
10080	0.047	0.022
10095	0.018	0.022
10110	0.014	0.022
10125	0.014	0.022
10140	0.014	0.022
10155	0.015	0.022
10170	0.017	0.022
10185	0.13	0.024
10200	0.135	0.026
10215	0.046	0.026
10230	0.061	0.027
10245	0.058	0.027
10260	0.05	0.028
10275	0.044	0.028
10290	0.03	0.028
10305	0.04	0.028
10320	0.032	0.027
10335	0.036	0.028
10350	0.045	0.028
10365	0.044	0.029
10380	0.06	0.029
10395	0.057	0.030
10410	0.031	0.030
10425	0.028	0.030
10440	0.022	0.030
10455	0.019	0.030
10470	0.016	0.030
10485	0.014	0.030
10500	0.014	0.030

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_001
Test Start Time	6:46:49 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:06:29
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.036
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.805
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1556

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
10515	0.015	0.030
10530	0.016	0.030
10545	0.016	0.030
10560	0.016	0.030
10575	0.015	0.030
10590	0.015	0.030
10605	0.083	0.031
10620	0.022	0.031
10635	0.017	0.031
10650	0.015	0.031
10665	0.015	0.031
10680	0.015	0.031
10695	0.016	0.031
10710	0.023	0.032
10725	0.016	0.032
10740	0.015	0.032
10755	0.014	0.032
10770	0.017	0.032
10785	0.019	0.032
10800	0.016	0.031
10815	0.015	0.031
10830	0.015	0.031
10845	0.015	0.030
10860	0.015	0.030
10875	0.015	0.030
10890	0.015	0.030
10905	0.061	0.031
10920	0.033	0.031
10935	0.035	0.031
10950	0.029	0.031
10965	0.033	0.030
10980	0.025	0.030
10995	0.029	0.030
11010	0.026	0.030
11025	0.027	0.031
11040	0.022	0.031
11055	0.019	0.031
11070	0.02	0.031
11085	0.021	0.029
11100	0.026	0.027
11115	0.033	0.027
11130	0.028	0.027
11145	0.03	0.026
11160	0.036	0.026
11175	0.024	0.026
11190	0.019	0.025
11205	0.017	0.025
11220	0.018	0.025
11235	0.017	0.024
11250	0.017	0.024
11265	0.017	0.023
11280	0.018	0.023
11295	0.016	0.022
11310	0.017	0.022
11325	0.017	0.022
11340	0.016	0.022
11355	0.018	0.022
11370	0.021	0.022
11385	0.018	0.022
11400	0.017	0.022
11415	0.017	0.022
11430	0.016	0.022
11445	0.017	0.022
11460	0.016	0.022
11475	0.016	0.022
11490	0.016	0.022
11505	0.016	0.021
11520	0.017	0.021
11535	0.018	0.021
11550	0.031	0.021

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_001
Test Start Time	6:46:49 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:06:29
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.036
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.805
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1556

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
11565	0.042	0.021
11580	0.026	0.022
11595	0.023	0.022
11610	0.018	0.022
11625	0.018	0.022
11640	0.018	0.022
11655	0.017	0.022
11670	0.015	0.022
11685	0.017	0.022
11700	0.016	0.022
11715	0.022	0.022
11730	0.019	0.022
11745	0.019	0.022
11760	0.017	0.022
11775	0.016	0.022
11790	0.016	0.022
11805	0.017	0.021
11820	0.017	0.021
11835	0.019	0.021
11850	0.017	0.021
11865	0.016	0.020
11880	0.016	0.020
11895	0.016	0.020
11910	0.017	0.020
11925	0.017	0.020
11940	0.017	0.019
11955	0.02	0.019
11970	0.018	0.019
11985	0.016	0.019
12000	0.016	0.019
12015	0.016	0.019
12030	0.016	0.019
12045	0.016	0.018
12060	0.016	0.018
12075	0.016	0.018
12090	0.016	0.018
12105	0.016	0.018
12120	0.017	0.018
12135	0.017	0.018
12150	0.017	0.018
12165	0.016	0.018
12180	0.017	0.018
12195	0.018	0.018
12210	0.017	0.018
12225	0.016	0.018
12240	0.016	0.018
12255	0.018	0.018
12270	0.016	0.018
12285	0.016	0.018
12300	0.031	0.018
12315	0.021	0.018
12330	0.03	0.018
12345	0.024	0.018
12360	0.02	0.019
12375	0.031	0.019
12390	0.04	0.019
12405	0.026	0.019
12420	0.027	0.020
12435	0.021	0.020
12450	0.019	0.019
12465	0.019	0.019
12480	0.031	0.019
12495	0.092	0.020
12510	0.039	0.021
12525	0.024	0.021
12540	0.02	0.021
12555	0.323	0.026
12570	0.033	0.026
12585	0.038	0.026
12600	0.03	0.027

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_001
Test Start Time	6:46:49 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:06:29
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.036
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.805
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1556

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
12615	0.02	0.027
12630	0.02	0.027
12645	0.019	0.027
12660	0.018	0.027
12675	0.023	0.027
12690	0.018	0.027
12705	0.025	0.027
12720	0.023	0.027
12735	0.023	0.027
12750	0.023	0.027
12765	0.022	0.027
12780	0.02	0.027
12795	0.021	0.027
12810	0.098	0.029
12825	0.03	0.029
12840	0.022	0.029
12855	0.02	0.029
12870	0.022	0.029
12885	0.091	0.030
12900	0.035	0.031
12915	0.022	0.031
12930	0.02	0.031
12945	0.02	0.031
12960	0.023	0.031
12975	0.023	0.031
12990	0.025	0.031
13005	0.028	0.032
13020	0.028	0.032
13035	0.026	0.032
13050	0.025	0.032
13065	0.031	0.032
13080	0.033	0.033
13095	0.027	0.033
13110	0.023	0.033
13125	0.025	0.033
13140	0.019	0.033
13155	0.018	0.033
13170	0.017	0.033
13185	0.128	0.035
13200	0.038	0.035
13215	0.022	0.035
13230	0.02	0.035
13245	0.02	0.035
13260	0.021	0.035
13275	0.022	0.035
13290	0.021	0.034
13305	0.019	0.034
13320	0.102	0.035
13335	0.03	0.036
13350	0.02	0.036
13365	0.025	0.036
13380	0.027	0.036
13395	0.04	0.035
13410	0.028	0.035
13425	0.026	0.035
13440	0.021	0.035
13455	0.12	0.031
13470	0.048	0.032
13485	0.056	0.032
13500	0.049	0.032
13515	0.028	0.032
13530	0.066	0.033
13545	0.298	0.038
13560	0.12	0.039
13575	0.152	0.042
13590	0.114	0.043
13605	0.027	0.043
13620	0.024	0.043
13635	0.027	0.043
13650	0.021	0.043

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_001
Test Start Time	6:46:49 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:06:29
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.036
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.805
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1556

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
13665	0.024	0.043
13680	0.027	0.043
13695	0.024	0.043
13710	0.024	0.042
13725	0.024	0.042
13740	0.02	0.042
13755	0.02	0.042
13770	0.022	0.042
13785	0.02	0.041
13800	0.025	0.041
13815	0.052	0.041
13830	0.024	0.041
13845	0.027	0.041
13860	0.08	0.042
13875	0.191	0.045
13890	0.198	0.048
13905	0.041	0.048
13920	0.035	0.048
13935	0.057	0.049
13950	0.046	0.049
13965	0.029	0.049
13980	0.032	0.049
13995	0.035	0.049
14010	0.031	0.049
14025	0.028	0.050
14040	0.021	0.050
14055	0.075	0.050
14070	0.03	0.051
14085	0.025	0.049
14100	0.033	0.049
14115	0.035	0.049
14130	0.026	0.049
14145	0.086	0.050
14160	0.058	0.051
14175	0.056	0.052
14190	0.059	0.052
14205	0.046	0.053
14220	0.035	0.051
14235	0.029	0.051
14250	0.028	0.052
14265	0.033	0.052
14280	0.032	0.052
14295	0.025	0.052
14310	0.023	0.051
14325	0.17	0.054
14340	0.159	0.056
14355	0.049	0.055
14370	0.097	0.056
14385	0.03	0.055
14400	0.039	0.055
14415	0.03	0.055
14430	0.027	0.055
14445	0.024	0.050
14460	0.02	0.048
14475	0.021	0.046
14490	0.021	0.045
14505	0.02	0.045
14520	0.021	0.044
14535	0.021	0.044
14550	0.033	0.045
14565	0.074	0.045
14580	0.07	0.046
14595	0.144	0.048
14610	0.079	0.049
14625	0.097	0.050
14640	0.078	0.051
14655	0.032	0.051
14670	0.033	0.052
14685	0.027	0.052
14700	0.049	0.052

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_001
Test Start Time	6:46:49 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:06:29
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.036
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.805
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1556

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
14715	0.111	0.053
14730	0.037	0.053
14745	0.025	0.053
14760	0.025	0.052
14775	0.033	0.050
14790	0.03	0.047
14805	0.027	0.047
14820	0.025	0.047
14835	0.024	0.046
14850	0.038	0.046
14865	0.024	0.046
14880	0.022	0.046
14895	0.022	0.045
14910	0.021	0.045
14925	0.021	0.045
14940	0.021	0.045
14955	0.02	0.044
14970	0.022	0.044
14985	0.024	0.044
15000	0.031	0.044
15015	0.041	0.044
15030	0.026	0.044
15045	0.026	0.043
15060	0.025	0.043
15075	0.024	0.042
15090	0.023	0.041
15105	0.021	0.041
15120	0.022	0.041
15135	0.021	0.041
15150	0.022	0.041
15165	0.022	0.040
15180	0.022	0.040
15195	0.021	0.040
15210	0.022	0.040
15225	0.021	0.038
15240	0.021	0.035
15255	0.021	0.035
15270	0.021	0.034
15285	0.021	0.033
15300	0.021	0.033
15315	0.021	0.033
15330	0.02	0.033
15345	0.021	0.033
15360	0.021	0.033
15375	0.021	0.033
15390	0.021	0.033
15405	0.021	0.033
15420	0.02	0.033
15435	0.021	0.033
15450	0.021	0.033
15465	0.022	0.032
15480	0.022	0.031
15495	0.022	0.029
15510	0.021	0.028
15525	0.021	0.027
15540	0.021	0.026
15555	0.021	0.026
15570	0.021	0.025
15585	0.02	0.025
15600	0.021	0.025
15615	0.021	0.023
15630	0.022	0.023
15645	0.021	0.023
15660	0.031	0.023
15675	0.026	0.023
15690	0.023	0.023
15705	0.021	0.023
15720	0.021	0.023
15735	0.021	0.023
15750	0.023	0.022

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_001
Test Start Time	6:46:49 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:06:29
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.036
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.805
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1556

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
15765	0.022	0.022
15780	0.029	0.022
15795	0.021	0.022
15810	0.022	0.022
15825	0.021	0.022
15840	0.021	0.022
15855	0.02	0.022
15870	0.022	0.022
15885	0.021	0.022
15900	0.021	0.022
15915	0.021	0.022
15930	0.022	0.022
15945	0.021	0.022
15960	0.021	0.022
15975	0.022	0.022
15990	0.021	0.022
16005	0.021	0.022
16020	0.021	0.022
16035	0.021	0.022
16050	0.021	0.022
16065	0.021	0.022
16080	0.022	0.022
16095	0.021	0.022
16110	0.022	0.022
16125	0.021	0.022
16140	0.021	0.022
16155	0.023	0.022
16170	0.022	0.022
16185	0.022	0.022
16200	0.023	0.022
16215	0.021	0.022
16230	0.022	0.022
16245	0.021	0.022
16260	0.021	0.022
16275	0.025	0.022
16290	0.04	0.022
16305	0.03	0.022
16320	0.024	0.022
16335	0.022	0.022
16350	0.023	0.022
16365	0.023	0.022
16380	0.042	0.023
16395	0.023	0.023
16410	0.022	0.023
16425	0.028	0.023
16440	0.025	0.023
16455	0.035	0.023
16470	0.03	0.023
16485	0.026	0.023
16500	0.032	0.024
16515	0.039	0.024
16530	0.033	0.024
16545	0.049	0.025
16560	0.051	0.025
16575	0.043	0.025
16590	0.043	0.025
16605	0.045	0.026
16620	0.031	0.026
16635	0.025	0.026
16650	0.181	0.029
16665	0.109	0.030
16680	0.265	0.034
16695	0.308	0.039
16710	0.051	0.039
16725	0.039	0.040
16740	0.058	0.040
16755	0.057	0.041
16770	0.044	0.041
16785	0.034	0.042
16800	0.03	0.042

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_001
Test Start Time	6:46:49 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:06:29
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.036
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.805
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1556

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
16815	0.024	0.042
16830	0.025	0.042
16845	0.029	0.042
16860	0.025	0.042
16875	0.024	0.042
16890	0.025	0.042
16905	0.026	0.042
16920	0.025	0.042
16935	0.027	0.042
16950	0.027	0.042
16965	0.028	0.043
16980	0.031	0.043
16995	0.032	0.043
17010	0.034	0.043
17025	0.044	0.043
17040	0.028	0.044
17055	0.038	0.044
17070	0.043	0.044
17085	0.032	0.044
17100	0.025	0.044
17115	0.029	0.045
17130	0.024	0.045
17145	0.027	0.045
17160	0.023	0.045
17175	0.024	0.045
17190	0.024	0.044
17205	0.024	0.044
17220	0.024	0.044
17235	0.025	0.044
17250	0.027	0.044
17265	0.034	0.045
17280	0.027	0.044
17295	0.025	0.044
17310	0.024	0.044
17325	0.024	0.044
17340	0.024	0.044
17355	0.023	0.044
17370	0.025	0.044
17385	0.027	0.044
17400	0.025	0.044
17415	0.047	0.044
17430	0.102	0.045
17445	0.108	0.046
17460	0.035	0.046
17475	0.027	0.046
17490	0.024	0.045
17505	0.023	0.045
17520	0.027	0.045
17535	0.031	0.045
17550	0.033	0.043
17565	0.033	0.041
17580	0.032	0.037
17595	0.032	0.033
17610	0.034	0.033
17625	0.057	0.033
17640	0.043	0.033
17655	0.026	0.032
17670	0.026	0.032
17685	0.027	0.032
17700	0.029	0.032
17715	0.032	0.032
17730	0.061	0.032
17745	0.053	0.033
17760	0.062	0.033
17775	0.038	0.034
17790	0.043	0.034
17805	0.03	0.034
17820	0.031	0.034
17835	0.065	0.035
17850	0.054	0.035

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_001
Test Start Time	6:46:49 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:06:29
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.036
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.805
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1556

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
17865	0.056	0.036
17880	0.029	0.036
17895	0.033	0.036
17910	0.185	0.038
17925	0.146	0.040
17940	0.038	0.040
17955	0.039	0.040
17970	0.029	0.040
17985	0.034	0.040
18000	0.051	0.040
18015	0.071	0.041
18030	0.028	0.041
18045	0.025	0.041
18060	0.025	0.041
18075	0.024	0.041
18090	0.023	0.041
18105	0.023	0.041
18120	0.024	0.041
18135	0.034	0.041
18150	0.026	0.041
18165	0.029	0.041
18180	0.025	0.041
18195	0.065	0.042
18210	0.115	0.043
18225	0.805	0.056
18240	0.125	0.058
18255	0.083	0.059
18270	0.052	0.059
18285	0.057	0.060
18300	0.043	0.060
18315	0.026	0.060
18330	0.036	0.059
18345	0.048	0.058
18360	0.087	0.059
18375	0.055	0.059
18390	0.03	0.059
18405	0.082	0.060
18420	0.091	0.061
18435	0.069	0.062
18450	0.038	0.062
18465	0.044	0.062
18480	0.198	0.065
18495	0.055	0.065
18510	0.032	0.065
18525	0.027	0.065
18540	0.025	0.064
18555	0.059	0.065
18570	0.046	0.065
18585	0.039	0.065
18600	0.048	0.066
18615	0.027	0.066
18630	0.03	0.065
18645	0.034	0.065
18660	0.114	0.066
18675	0.042	0.066
18690	0.06	0.066
18705	0.105	0.067
18720	0.043	0.068
18735	0.036	0.067
18750	0.025	0.067
18765	0.025	0.066
18780	0.026	0.066
18795	0.031	0.066
18810	0.037	0.063
18825	0.028	0.062
18840	0.029	0.061
18855	0.028	0.061
18870	0.029	0.061
18885	0.025	0.061
18900	0.025	0.061

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_001
Test Start Time	6:46:49 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:06:29
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.036
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.805
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1556

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
18915	0.025	0.060
18930	0.025	0.060
18945	0.025	0.060
18960	0.025	0.060
18975	0.024	0.060
18990	0.024	0.060
19005	0.024	0.060
19020	0.025	0.060
19035	0.024	0.060
19050	0.029	0.060
19065	0.025	0.060
19080	0.024	0.060
19095	0.025	0.059
19110	0.026	0.057
19125	0.026	0.045
19140	0.025	0.043
19155	0.025	0.042
19170	0.025	0.041
19185	0.024	0.041
19200	0.026	0.041
19215	0.025	0.041
19230	0.025	0.040
19245	0.025	0.040
19260	0.027	0.039
19275	0.025	0.039
19290	0.026	0.038
19305	0.026	0.038
19320	0.025	0.036
19335	0.024	0.036
19350	0.027	0.035
19365	0.037	0.035
19380	0.042	0.033
19395	0.046	0.033
19410	0.033	0.033
19425	0.043	0.033
19440	0.036	0.033
19455	0.03	0.033
19470	0.03	0.032
19485	0.028	0.032
19500	0.028	0.032
19515	0.027	0.032
19530	0.03	0.032
19545	0.049	0.032
19560	0.025	0.031
19575	0.025	0.030
19590	0.025	0.030
19605	0.024	0.028
19620	0.024	0.028
19635	0.024	0.028
19650	0.023	0.028
19665	0.023	0.028
19680	0.024	0.028
19695	0.024	0.028
19710	0.023	0.027
19725	0.024	0.027
19740	0.027	0.027
19755	0.032	0.027
19770	0.032	0.027
19785	0.028	0.027
19800	0.029	0.028
19815	0.03	0.028
19830	0.025	0.028
19845	0.024	0.028
19860	0.036	0.028
19875	0.027	0.028
19890	0.025	0.028
19905	0.025	0.028
19920	0.025	0.028
19935	0.025	0.028
19950	0.026	0.028

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_001
Test Start Time	6:46:49 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:06:29
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.036
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.805
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1556

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
19965	0.026	0.028
19980	0.025	0.028
19995	0.162	0.030
20010	0.051	0.031
20025	0.156	0.033
20040	0.06	0.033
20055	0.031	0.033
20070	0.025	0.033
20085	0.025	0.033
20100	0.278	0.038
20115	0.051	0.038
20130	0.032	0.038
20145	0.028	0.038
20160	0.025	0.038
20175	0.025	0.038
20190	0.026	0.038
20205	0.027	0.038
20220	0.31	0.043
20235	0.075	0.044
20250	0.031	0.044
20265	0.026	0.044
20280	0.029	0.043
20295	0.026	0.043
20310	0.028	0.043
20325	0.033	0.043
20340	0.025	0.043
20355	0.025	0.043
20370	0.025	0.043
20385	0.025	0.042
20400	0.024	0.042
20415	0.025	0.042
20430	0.024	0.042
20445	0.026	0.042
20460	0.025	0.042
20475	0.025	0.042
20490	0.024	0.042
20505	0.024	0.042
20520	0.024	0.042
20535	0.027	0.042
20550	0.024	0.042
20565	0.025	0.042
20580	0.027	0.042
20595	0.026	0.042
20610	0.026	0.042
20625	0.026	0.042
20640	0.025	0.042
20655	0.025	0.042
20670	0.025	0.042
20685	0.024	0.042
20700	0.024	0.042
20715	0.026	0.042
20730	0.025	0.042
20745	0.029	0.042
20760	0.027	0.042
20775	0.025	0.042
20790	0.024	0.042
20805	0.024	0.042
20820	0.025	0.042
20835	0.026	0.042
20850	0.031	0.042
20865	0.034	0.042
20880	0.033	0.042
20895	0.034	0.040
20910	0.029	0.039
20925	0.029	0.037
20940	0.032	0.037
20955	0.03	0.037
20970	0.029	0.037
20985	0.028	0.037
21000	0.026	0.033

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_001
Test Start Time	6:46:49 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:06:29
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.036
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.805
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1556

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
21015	0.025	0.032
21030	0.028	0.032
21045	0.032	0.032
21060	0.027	0.032
21075	0.03	0.032
21090	0.043	0.033
21105	0.037	0.033
21120	0.035	0.028
21135	0.031	0.028
21150	0.025	0.027
21165	0.025	0.027
21180	0.025	0.027
21195	0.025	0.027
21210	0.025	0.027
21225	0.03	0.027
21240	0.026	0.027
21255	0.025	0.027
21270	0.025	0.027
21285	0.025	0.027
21300	0.025	0.027
21315	0.025	0.027
21330	0.025	0.027
21345	0.026	0.027
21360	0.026	0.027
21375	0.026	0.027
21390	0.027	0.027
21405	0.028	0.027
21420	0.025	0.027
21435	0.026	0.027
21450	0.025	0.027
21465	0.026	0.027
21480	0.025	0.027
21495	0.026	0.027
21510	0.026	0.027
21525	0.025	0.027
21540	0.045	0.028
21555	0.025	0.028
21570	0.027	0.028
21585	0.026	0.028
21600	0.029	0.028
21615	0.026	0.028
21630	0.028	0.028
21645	0.025	0.028
21660	0.026	0.028
21675	0.025	0.028
21690	0.04	0.028
21705	0.033	0.028
21720	0.027	0.028
21735	0.069	0.029
21750	0.038	0.029
21765	0.027	0.029
21780	0.028	0.029
21795	0.029	0.029
21810	0.037	0.029
21825	0.037	0.029
21840	0.028	0.029
21855	0.026	0.029
21870	0.035	0.029
21885	0.028	0.029
21900	0.027	0.029
21915	0.025	0.029
21930	0.04	0.029
21945	0.027	0.029
21960	0.036	0.029
21975	0.081	0.030
21990	0.032	0.030
22005	0.18	0.032
22020	0.439	0.039
22035	0.098	0.040
22050	0.043	0.041

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_001
Test Start Time	6:46:49 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:06:29
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.036
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.805
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1556

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
22065	0.028	0.041
22080	0.025	0.041
22095	0.024	0.041
22110	0.023	0.041
22125	0.024	0.040
22140	0.024	0.040
22155	0.025	0.040
22170	0.025	0.040
22185	0.024	0.040
22200	0.024	0.040
22215	0.024	0.040
22230	0.024	0.040
22245	0.023	0.040
22260	0.024	0.040
22275	0.023	0.040
22290	0.024	0.040
22305	0.023	0.040
22320	0.024	0.040
22335	0.073	0.041
22350	0.044	0.041
22365	0.025	0.041
22380	0.024	0.041
22395	0.024	0.041
22410	0.024	0.041
22425	0.024	0.041
22440	0.023	0.041
22455	0.024	0.041
22470	0.024	0.041
22485	0.025	0.041
22500	0.023	0.041
22515	0.023	0.040
22530	0.024	0.040
22545	0.023	0.040
22560	0.032	0.040
22575	0.041	0.041
22590	0.038	0.041
22605	0.034	0.041
22620	0.034	0.041
22635	0.03	0.040
22650	0.043	0.040
22665	0.043	0.041
22680	0.034	0.041
22695	0.037	0.041
22710	0.044	0.041
22725	0.051	0.041
22740	0.081	0.042
22755	0.054	0.042
22770	0.042	0.043
22785	0.039	0.043
22800	0.041	0.043
22815	0.036	0.043
22830	0.034	0.043
22845	0.029	0.043
22860	0.031	0.043
22875	0.033	0.042
22890	0.029	0.042
22905	0.032	0.040
22920	0.026	0.033
22935	0.025	0.032
22950	0.024	0.031
22965	0.024	0.031
22980	0.028	0.031
22995	0.024	0.031
23010	0.024	0.031
23025	0.024	0.031
23040	0.024	0.031
23055	0.024	0.031
23070	0.024	0.031
23085	0.024	0.031
23100	0.024	0.031

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 8, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_001
Test Start Time	6:46:49 AM
Test Start Date	7/8/2025
Test Length [D:H:M]	0:06:29
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.036
Mass Minimum [mg/m3]	0.012
Mass Maximum [mg/m3]	0.805
Mass TWA [mg/m3]	0.029
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1556

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
23115	0.024	0.031
23130	0.024	0.031
23145	0.024	0.031
23160	0.023	0.031
23175	0.023	0.031
23190	0.024	0.031
23205	0.024	0.031
23220	0.024	0.031
23235	0.025	0.031
23250	0.025	0.030
23265	0.024	0.030
23280	0.024	0.030
23295	0.035	0.030
23310	0.031	0.030
23325	0.024	0.030
23340	0.024	0.030

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 9, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_002
Test Start Time	7:05:51 AM
Test Start Date	7/9/2025
Test Length [D:H:M]	0:06:46
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.054
Mass Minimum [mg/m3]	0.036
Mass Maximum [mg/m3]	0.403
Mass TWA [mg/m3]	0.046
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1626

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
15	0.057	
30	0.058	
45	0.057	
60	0.056	
75	0.057	
90	0.052	
105	0.051	
120	0.051	
135	0.051	
150	0.051	
165	0.051	
180	0.051	
195	0.051	
210	0.05	
225	0.052	
240	0.055	
255	0.062	
270	0.049	
285	0.052	
300	0.051	
315	0.05	
330	0.05	
345	0.05	
360	0.059	
375	0.051	
390	0.051	
405	0.051	
420	0.051	
435	0.05	
450	0.05	
465	0.052	
480	0.051	
495	0.051	
510	0.054	
525	0.054	
540	0.053	
555	0.054	
570	0.055	
585	0.052	
600	0.055	
615	0.054	
630	0.064	
645	0.052	
660	0.053	
675	0.051	
690	0.051	
705	0.052	
720	0.056	
735	0.053	
750	0.05	
765	0.05	
780	0.049	
795	0.05	
810	0.05	
825	0.051	
840	0.05	
855	0.056	
870	0.058	
885	0.052	
900	0.052	0.053
915	0.05	0.053
930	0.049	0.052
945	0.05	0.052
960	0.049	0.052
975	0.05	0.052
990	0.049	0.052
1005	0.068	0.052
1020	0.056	0.052
1035	0.062	0.053
1050	0.057	0.053

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 9, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_002
Test Start Time	7:05:51 AM
Test Start Date	7/9/2025
Test Length [D:H:M]	0:06:46
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.054
Mass Minimum [mg/m3]	0.036
Mass Maximum [mg/m3]	0.403
Mass TWA [mg/m3]	0.046
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1626

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
1065	0.079	0.053
1080	0.088	0.054
1095	0.098	0.055
1110	0.075	0.055
1125	0.153	0.057
1140	0.365	0.062
1155	0.177	0.064
1170	0.1	0.065
1185	0.061	0.065
1200	0.058	0.065
1215	0.056	0.065
1230	0.049	0.065
1245	0.053	0.065
1260	0.049	0.065
1275	0.048	0.065
1290	0.051	0.065
1305	0.064	0.065
1320	0.117	0.066
1335	0.095	0.067
1350	0.083	0.067
1365	0.114	0.068
1380	0.085	0.069
1395	0.053	0.069
1410	0.054	0.069
1425	0.062	0.069
1440	0.067	0.069
1455	0.1	0.070
1470	0.093	0.071
1485	0.068	0.071
1500	0.062	0.071
1515	0.064	0.071
1530	0.091	0.072
1545	0.092	0.072
1560	0.056	0.073
1575	0.048	0.072
1590	0.072	0.073
1605	0.065	0.073
1620	0.063	0.073
1635	0.084	0.074
1650	0.264	0.077
1665	0.33	0.082
1680	0.143	0.083
1695	0.109	0.084
1710	0.069	0.085
1725	0.053	0.085
1740	0.05	0.085
1755	0.048	0.085
1770	0.049	0.085
1785	0.049	0.084
1800	0.05	0.084
1815	0.051	0.084
1830	0.067	0.085
1845	0.064	0.085
1860	0.07	0.085
1875	0.068	0.086
1890	0.068	0.086
1905	0.076	0.086
1920	0.08	0.086
1935	0.054	0.086
1950	0.053	0.086
1965	0.052	0.086
1980	0.052	0.085
1995	0.053	0.084
2010	0.051	0.084
2025	0.053	0.082
2040	0.061	0.077
2055	0.074	0.076
2070	0.051	0.075
2085	0.054	0.075
2100	0.064	0.075

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 9, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_002
Test Start Time	7:05:51 AM
Test Start Date	7/9/2025
Test Length [D:H:M]	0:06:46
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.054
Mass Minimum [mg/m3]	0.036
Mass Maximum [mg/m3]	0.403
Mass TWA [mg/m3]	0.046
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1626

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
2115	0.06	0.075
2130	0.078	0.075
2145	0.083	0.076
2160	0.058	0.076
2175	0.054	0.076
2190	0.06	0.076
2205	0.064	0.076
2220	0.05	0.075
2235	0.051	0.074
2250	0.053	0.074
2265	0.052	0.073
2280	0.054	0.072
2295	0.055	0.072
2310	0.06	0.072
2325	0.081	0.073
2340	0.057	0.073
2355	0.048	0.072
2370	0.085	0.072
2385	0.055	0.071
2400	0.051	0.071
2415	0.049	0.071
2430	0.047	0.070
2445	0.048	0.070
2460	0.051	0.069
2475	0.073	0.070
2490	0.056	0.070
2505	0.06	0.070
2520	0.058	0.069
2535	0.052	0.069
2550	0.064	0.066
2565	0.056	0.061
2580	0.048	0.059
2595	0.048	0.058
2610	0.088	0.059
2625	0.07	0.059
2640	0.05	0.059
2655	0.069	0.059
2670	0.076	0.060
2685	0.059	0.060
2700	0.055	0.060
2715	0.057	0.060
2730	0.047	0.060
2745	0.052	0.060
2760	0.079	0.060
2775	0.08	0.060
2790	0.095	0.060
2805	0.058	0.060
2820	0.054	0.060
2835	0.106	0.061
2850	0.063	0.061
2865	0.072	0.061
2880	0.071	0.061
2895	0.052	0.061
2910	0.048	0.061
2925	0.059	0.061
2940	0.1	0.062
2955	0.077	0.062
2970	0.054	0.062
2985	0.048	0.062
3000	0.047	0.062
3015	0.046	0.062
3030	0.047	0.061
3045	0.062	0.061
3060	0.063	0.061
3075	0.048	0.061
3090	0.049	0.060
3105	0.046	0.060
3120	0.078	0.061
3135	0.079	0.061
3150	0.063	0.061

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 9, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_002
Test Start Time	7:05:51 AM
Test Start Date	7/9/2025
Test Length [D:H:M]	0:06:46
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.054
Mass Minimum [mg/m3]	0.036
Mass Maximum [mg/m3]	0.403
Mass TWA [mg/m3]	0.046
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1626

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
3165	0.059	0.061
3180	0.074	0.062
3195	0.06	0.062
3210	0.051	0.062
3225	0.053	0.061
3240	0.055	0.061
3255	0.062	0.061
3270	0.059	0.061
3285	0.055	0.061
3300	0.062	0.061
3315	0.067	0.061
3330	0.065	0.062
3345	0.059	0.062
3360	0.049	0.062
3375	0.049	0.061
3390	0.048	0.061
3405	0.062	0.061
3420	0.07	0.062
3435	0.054	0.062
3450	0.052	0.061
3465	0.05	0.061
3480	0.052	0.061
3495	0.06	0.062
3510	0.053	0.061
3525	0.047	0.061
3540	0.057	0.061
3555	0.047	0.060
3570	0.05	0.060
3585	0.053	0.060
3600	0.052	0.060
3615	0.105	0.061
3630	0.056	0.061
3645	0.052	0.061
3660	0.085	0.061
3675	0.052	0.060
3690	0.056	0.060
3705	0.091	0.060
3720	0.07	0.061
3735	0.068	0.060
3750	0.051	0.060
3765	0.045	0.059
3780	0.048	0.059
3795	0.055	0.059
3810	0.057	0.059
3825	0.066	0.059
3840	0.06	0.059
3855	0.047	0.058
3870	0.059	0.058
3885	0.08	0.059
3900	0.054	0.059
3915	0.058	0.059
3930	0.056	0.059
3945	0.048	0.059
3960	0.046	0.059
3975	0.051	0.059
3990	0.063	0.059
4005	0.073	0.059
4020	0.069	0.059
4035	0.056	0.059
4050	0.054	0.059
4065	0.056	0.059
4080	0.064	0.058
4095	0.132	0.060
4110	0.126	0.061
4125	0.061	0.061
4140	0.053	0.061
4155	0.048	0.061
4170	0.047	0.061
4185	0.046	0.060
4200	0.045	0.060

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 9, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_002
Test Start Time	7:05:51 AM
Test Start Date	7/9/2025
Test Length [D:H:M]	0:06:46
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.054
Mass Minimum [mg/m3]	0.036
Mass Maximum [mg/m3]	0.403
Mass TWA [mg/m3]	0.046
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1626

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
4215	0.045	0.060
4230	0.046	0.059
4245	0.045	0.059
4260	0.045	0.059
4275	0.049	0.059
4290	0.068	0.059
4305	0.057	0.059
4320	0.057	0.059
4335	0.05	0.059
4350	0.046	0.059
4365	0.046	0.059
4380	0.045	0.059
4395	0.046	0.059
4410	0.057	0.059
4425	0.063	0.059
4440	0.047	0.059
4455	0.046	0.059
4470	0.046	0.059
4485	0.045	0.059
4500	0.046	0.058
4515	0.06	0.058
4530	0.05	0.058
4545	0.045	0.057
4560	0.05	0.057
4575	0.053	0.057
4590	0.134	0.058
4605	0.087	0.058
4620	0.072	0.058
4635	0.073	0.058
4650	0.054	0.058
4665	0.058	0.058
4680	0.065	0.059
4695	0.062	0.059
4710	0.064	0.059
4725	0.048	0.059
4740	0.046	0.058
4755	0.045	0.058
4770	0.046	0.058
4785	0.044	0.058
4800	0.045	0.057
4815	0.045	0.057
4830	0.046	0.057
4845	0.044	0.057
4860	0.047	0.057
4875	0.051	0.057
4890	0.047	0.057
4905	0.046	0.056
4920	0.046	0.056
4935	0.045	0.056
4950	0.046	0.056
4965	0.046	0.055
4980	0.044	0.055
4995	0.045	0.054
5010	0.045	0.052
5025	0.044	0.052
5040	0.045	0.052
5055	0.046	0.052
5070	0.048	0.052
5085	0.047	0.052
5100	0.048	0.052
5115	0.054	0.052
5130	0.054	0.052
5145	0.045	0.052
5160	0.055	0.052
5175	0.051	0.052
5190	0.048	0.052
5205	0.047	0.052
5220	0.045	0.052
5235	0.045	0.052
5250	0.044	0.052

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 9, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_002
Test Start Time	7:05:51 AM
Test Start Date	7/9/2025
Test Length [D:H:M]	0:06:46
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.054
Mass Minimum [mg/m3]	0.036
Mass Maximum [mg/m3]	0.403
Mass TWA [mg/m3]	0.046
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1626

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
5265	0.044	0.052
5280	0.045	0.052
5295	0.045	0.052
5310	0.045	0.051
5325	0.045	0.051
5340	0.045	0.051
5355	0.044	0.051
5370	0.045	0.051
5385	0.049	0.051
5400	0.056	0.051
5415	0.059	0.051
5430	0.05	0.051
5445	0.053	0.051
5460	0.059	0.051
5475	0.055	0.052
5490	0.052	0.050
5505	0.135	0.051
5520	0.085	0.051
5535	0.053	0.051
5550	0.046	0.051
5565	0.045	0.050
5580	0.045	0.050
5595	0.045	0.050
5610	0.045	0.050
5625	0.046	0.050
5640	0.044	0.049
5655	0.045	0.049
5670	0.046	0.049
5685	0.053	0.050
5700	0.058	0.050
5715	0.051	0.050
5730	0.158	0.052
5745	0.09	0.053
5760	0.07	0.053
5775	0.058	0.053
5790	0.057	0.053
5805	0.048	0.053
5820	0.046	0.053
5835	0.048	0.053
5850	0.091	0.054
5865	0.048	0.054
5880	0.053	0.054
5895	0.079	0.055
5910	0.05	0.055
5925	0.046	0.055
5940	0.045	0.055
5955	0.046	0.055
5970	0.047	0.055
5985	0.048	0.055
6000	0.046	0.055
6015	0.044	0.055
6030	0.043	0.055
6045	0.048	0.055
6060	0.045	0.054
6075	0.055	0.055
6090	0.046	0.054
6105	0.067	0.055
6120	0.119	0.056
6135	0.059	0.056
6150	0.047	0.056
6165	0.048	0.056
6180	0.046	0.056
6195	0.045	0.056
6210	0.057	0.057
6225	0.055	0.057
6240	0.047	0.057
6255	0.049	0.057
6270	0.048	0.057
6285	0.046	0.057
6300	0.047	0.057

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 9, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_002
Test Start Time	7:05:51 AM
Test Start Date	7/9/2025
Test Length [D:H:M]	0:06:46
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.054
Mass Minimum [mg/m3]	0.036
Mass Maximum [mg/m3]	0.403
Mass TWA [mg/m3]	0.046
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1626

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
6315	0.046	0.057
6330	0.066	0.057
6345	0.053	0.057
6360	0.052	0.057
6375	0.08	0.057
6390	0.074	0.057
6405	0.054	0.056
6420	0.044	0.055
6435	0.044	0.055
6450	0.044	0.055
6465	0.045	0.055
6480	0.044	0.055
6495	0.05	0.055
6510	0.054	0.055
6525	0.047	0.055
6540	0.046	0.056
6555	0.05	0.056
6570	0.045	0.056
6585	0.079	0.056
6600	0.068	0.056
6615	0.047	0.056
6630	0.06	0.054
6645	0.058	0.054
6660	0.052	0.054
6675	0.305	0.058
6690	0.073	0.058
6705	0.053	0.058
6720	0.046	0.058
6735	0.053	0.058
6750	0.047	0.057
6765	0.064	0.058
6780	0.052	0.058
6795	0.05	0.057
6810	0.045	0.057
6825	0.05	0.057
6840	0.054	0.057
6855	0.051	0.057
6870	0.05	0.058
6885	0.049	0.058
6900	0.125	0.059
6915	0.104	0.060
6930	0.05	0.060
6945	0.052	0.060
6960	0.054	0.060
6975	0.045	0.060
6990	0.044	0.060
7005	0.043	0.060
7020	0.044	0.058
7035	0.056	0.058
7050	0.061	0.059
7065	0.048	0.059
7080	0.061	0.059
7095	0.053	0.059
7110	0.045	0.059
7125	0.045	0.059
7140	0.046	0.059
7155	0.046	0.058
7170	0.048	0.058
7185	0.056	0.059
7200	0.049	0.059
7215	0.076	0.059
7230	0.055	0.059
7245	0.067	0.059
7260	0.049	0.059
7275	0.047	0.059
7290	0.055	0.058
7305	0.049	0.058
7320	0.048	0.058
7335	0.048	0.058
7350	0.047	0.058

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 9, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_002
Test Start Time	7:05:51 AM
Test Start Date	7/9/2025
Test Length [D:H:M]	0:06:46
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.054
Mass Minimum [mg/m3]	0.036
Mass Maximum [mg/m3]	0.403
Mass TWA [mg/m3]	0.046
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1626

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
7365	0.046	0.058
7380	0.053	0.059
7395	0.069	0.059
7410	0.066	0.059
7425	0.056	0.059
7440	0.053	0.059
7455	0.049	0.059
7470	0.048	0.059
7485	0.046	0.059
7500	0.048	0.058
7515	0.051	0.059
7530	0.044	0.058
7545	0.044	0.058
7560	0.045	0.058
7575	0.054	0.054
7590	0.05	0.053
7605	0.05	0.053
7620	0.109	0.054
7635	0.142	0.056
7650	0.112	0.057
7665	0.094	0.057
7680	0.068	0.058
7695	0.053	0.058
7710	0.047	0.058
7725	0.051	0.058
7740	0.044	0.058
7755	0.078	0.058
7770	0.073	0.058
7785	0.051	0.059
7800	0.046	0.057
7815	0.044	0.056
7830	0.044	0.056
7845	0.043	0.056
7860	0.045	0.056
7875	0.046	0.056
7890	0.045	0.056
7905	0.045	0.056
7920	0.048	0.056
7935	0.053	0.056
7950	0.053	0.056
7965	0.056	0.056
7980	0.054	0.056
7995	0.047	0.056
8010	0.044	0.056
8025	0.043	0.056
8040	0.043	0.056
8055	0.043	0.056
8070	0.045	0.055
8085	0.043	0.055
8100	0.043	0.055
8115	0.045	0.055
8130	0.043	0.054
8145	0.044	0.054
8160	0.043	0.054
8175	0.044	0.054
8190	0.043	0.054
8205	0.044	0.054
8220	0.047	0.054
8235	0.063	0.054
8250	0.063	0.054
8265	0.051	0.054
8280	0.09	0.055
8295	0.107	0.055
8310	0.068	0.055
8325	0.057	0.055
8340	0.048	0.055
8355	0.048	0.055
8370	0.045	0.055
8385	0.044	0.055
8400	0.045	0.055

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 9, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_002
Test Start Time	7:05:51 AM
Test Start Date	7/9/2025
Test Length [D:H:M]	0:06:46
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.054
Mass Minimum [mg/m3]	0.036
Mass Maximum [mg/m3]	0.403
Mass TWA [mg/m3]	0.046
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1626

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
8415	0.056	0.055
8430	0.057	0.056
8445	0.049	0.056
8460	0.044	0.056
8475	0.047	0.056
8490	0.046	0.055
8505	0.044	0.055
8520	0.043	0.054
8535	0.043	0.053
8550	0.043	0.051
8565	0.045	0.051
8580	0.043	0.050
8595	0.043	0.050
8610	0.043	0.050
8625	0.043	0.050
8640	0.043	0.050
8655	0.044	0.049
8670	0.043	0.049
8685	0.044	0.049
8700	0.044	0.049
8715	0.048	0.049
8730	0.045	0.049
8745	0.05	0.049
8760	0.047	0.049
8775	0.045	0.049
8790	0.047	0.049
8805	0.045	0.049
8820	0.043	0.049
8835	0.045	0.049
8850	0.066	0.049
8865	0.051	0.049
8880	0.047	0.049
8895	0.045	0.049
8910	0.043	0.049
8925	0.198	0.051
8940	0.112	0.052
8955	0.055	0.053
8970	0.061	0.053
8985	0.055	0.053
9000	0.068	0.053
9015	0.076	0.054
9030	0.045	0.054
9045	0.044	0.054
9060	0.045	0.054
9075	0.051	0.054
9090	0.046	0.054
9105	0.045	0.054
9120	0.045	0.054
9135	0.044	0.054
9150	0.046	0.054
9165	0.044	0.053
9180	0.043	0.053
9195	0.058	0.052
9210	0.044	0.051
9225	0.043	0.051
9240	0.043	0.051
9255	0.044	0.051
9270	0.045	0.051
9285	0.043	0.051
9300	0.042	0.051
9315	0.044	0.051
9330	0.044	0.051
9345	0.043	0.050
9360	0.043	0.050
9375	0.043	0.050
9390	0.044	0.050
9405	0.043	0.050
9420	0.044	0.050
9435	0.043	0.050
9450	0.043	0.050

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 9, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_002
Test Start Time	7:05:51 AM
Test Start Date	7/9/2025
Test Length [D:H:M]	0:06:46
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.054
Mass Minimum [mg/m3]	0.036
Mass Maximum [mg/m3]	0.403
Mass TWA [mg/m3]	0.046
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1626

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
9465	0.044	0.050
9480	0.044	0.050
9495	0.043	0.050
9510	0.043	0.050
9525	0.043	0.050
9540	0.042	0.050
9555	0.043	0.050
9570	0.044	0.050
9585	0.043	0.050
9600	0.044	0.050
9615	0.044	0.050
9630	0.043	0.050
9645	0.042	0.050
9660	0.043	0.050
9675	0.044	0.050
9690	0.043	0.050
9705	0.042	0.050
9720	0.044	0.050
9735	0.043	0.050
9750	0.043	0.049
9765	0.043	0.049
9780	0.043	0.049
9795	0.043	0.049
9810	0.043	0.049
9825	0.044	0.047
9840	0.043	0.046
9855	0.044	0.045
9870	0.043	0.045
9885	0.044	0.045
9900	0.043	0.044
9915	0.043	0.044
9930	0.044	0.044
9945	0.043	0.044
9960	0.043	0.044
9975	0.042	0.044
9990	0.043	0.044
10005	0.043	0.044
10020	0.043	0.044
10035	0.044	0.044
10050	0.044	0.044
10065	0.043	0.044
10080	0.043	0.044
10095	0.043	0.043
10110	0.042	0.043
10125	0.044	0.043
10140	0.045	0.043
10155	0.069	0.044
10170	0.053	0.044
10185	0.046	0.044
10200	0.044	0.044
10215	0.046	0.044
10230	0.099	0.045
10245	0.099	0.046
10260	0.05	0.046
10275	0.053	0.046
10290	0.05	0.046
10305	0.051	0.046
10320	0.053	0.046
10335	0.058	0.047
10350	0.053	0.047
10365	0.045	0.047
10380	0.045	0.047
10395	0.045	0.047
10410	0.044	0.047
10425	0.045	0.047
10440	0.046	0.047
10455	0.07	0.048
10470	0.048	0.048
10485	0.048	0.048
10500	0.048	0.048

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 9, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_002
Test Start Time	7:05:51 AM
Test Start Date	7/9/2025
Test Length [D:H:M]	0:06:46
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.054
Mass Minimum [mg/m3]	0.036
Mass Maximum [mg/m3]	0.403
Mass TWA [mg/m3]	0.046
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1626

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
10515	0.044	0.048
10530	0.044	0.048
10545	0.044	0.048
10560	0.043	0.048
10575	0.044	0.048
10590	0.044	0.048
10605	0.044	0.048
10620	0.043	0.048
10635	0.044	0.048
10650	0.045	0.048
10665	0.044	0.048
10680	0.057	0.048
10695	0.07	0.049
10710	0.085	0.049
10725	0.057	0.049
10740	0.048	0.050
10755	0.046	0.050
10770	0.046	0.050
10785	0.044	0.050
10800	0.047	0.050
10815	0.043	0.050
10830	0.043	0.050
10845	0.044	0.050
10860	0.046	0.050
10875	0.045	0.050
10890	0.044	0.050
10905	0.044	0.050
10920	0.044	0.050
10935	0.045	0.050
10950	0.043	0.050
10965	0.044	0.050
10980	0.044	0.050
10995	0.043	0.050
11010	0.054	0.050
11025	0.046	0.050
11040	0.046	0.050
11055	0.044	0.050
11070	0.046	0.050
11085	0.057	0.050
11100	0.209	0.053
11115	0.307	0.057
11130	0.403	0.062
11145	0.077	0.062
11160	0.051	0.062
11175	0.053	0.062
11190	0.044	0.062
11205	0.044	0.061
11220	0.049	0.061
11235	0.05	0.061
11250	0.046	0.061
11265	0.047	0.061
11280	0.045	0.061
11295	0.045	0.061
11310	0.044	0.061
11325	0.044	0.061
11340	0.043	0.061
11355	0.044	0.061
11370	0.044	0.061
11385	0.043	0.060
11400	0.044	0.060
11415	0.043	0.060
11430	0.042	0.060
11445	0.044	0.060
11460	0.043	0.060
11475	0.044	0.060
11490	0.044	0.060
11505	0.046	0.060
11520	0.044	0.060
11535	0.044	0.060
11550	0.115	0.062

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 9, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_002
Test Start Time	7:05:51 AM
Test Start Date	7/9/2025
Test Length [D:H:M]	0:06:46
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.054
Mass Minimum [mg/m3]	0.036
Mass Maximum [mg/m3]	0.403
Mass TWA [mg/m3]	0.046
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1626

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
11565	0.05	0.062
11580	0.045	0.061
11595	0.047	0.061
11610	0.045	0.060
11625	0.05	0.060
11640	0.044	0.060
11655	0.046	0.060
11670	0.044	0.060
11685	0.047	0.060
11700	0.067	0.061
11715	0.07	0.061
11730	0.124	0.062
11745	0.154	0.064
11760	0.149	0.066
11775	0.086	0.067
11790	0.059	0.067
11805	0.048	0.067
11820	0.052	0.067
11835	0.046	0.067
11850	0.051	0.067
11865	0.215	0.070
11880	0.056	0.070
11895	0.051	0.070
11910	0.054	0.070
11925	0.052	0.071
11940	0.044	0.070
11955	0.045	0.070
11970	0.045	0.070
11985	0.051	0.070
12000	0.044	0.068
12015	0.043	0.063
12030	0.044	0.057
12045	0.043	0.057
12060	0.043	0.057
12075	0.059	0.057
12090	0.045	0.057
12105	0.043	0.057
12120	0.061	0.057
12135	0.046	0.057
12150	0.043	0.057
12165	0.047	0.057
12180	0.044	0.057
12195	0.055	0.057
12210	0.046	0.057
12225	0.045	0.057
12240	0.062	0.057
12255	0.049	0.057
12270	0.069	0.058
12285	0.05	0.058
12300	0.045	0.058
12315	0.047	0.058
12330	0.043	0.058
12345	0.044	0.058
12360	0.042	0.058
12375	0.042	0.058
12390	0.043	0.058
12405	0.046	0.058
12420	0.052	0.058
12435	0.045	0.058
12450	0.044	0.057
12465	0.043	0.057
12480	0.043	0.057
12495	0.043	0.057
12510	0.045	0.057
12525	0.044	0.057
12540	0.043	0.057
12555	0.065	0.057
12570	0.044	0.057
12585	0.046	0.057
12600	0.046	0.056

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 9, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_002
Test Start Time	7:05:51 AM
Test Start Date	7/9/2025
Test Length [D:H:M]	0:06:46
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.054
Mass Minimum [mg/m3]	0.036
Mass Maximum [mg/m3]	0.403
Mass TWA [mg/m3]	0.046
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1626

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
12615	0.047	0.056
12630	0.069	0.055
12645	0.058	0.054
12660	0.059	0.052
12675	0.053	0.052
12690	0.049	0.051
12705	0.047	0.051
12720	0.044	0.051
12735	0.044	0.051
12750	0.047	0.051
12765	0.043	0.048
12780	0.043	0.048
12795	0.047	0.048
12810	0.043	0.048
12825	0.043	0.048
12840	0.049	0.048
12855	0.046	0.048
12870	0.08	0.048
12885	0.322	0.053
12900	0.133	0.054
12915	0.11	0.055
12930	0.092	0.056
12945	0.066	0.057
12960	0.046	0.057
12975	0.044	0.056
12990	0.045	0.056
13005	0.045	0.056
13020	0.072	0.057
13035	0.099	0.058
13050	0.066	0.058
13065	0.046	0.058
13080	0.044	0.058
13095	0.043	0.058
13110	0.043	0.058
13125	0.043	0.058
13140	0.044	0.057
13155	0.044	0.057
13170	0.044	0.057
13185	0.043	0.057
13200	0.046	0.057
13215	0.045	0.057
13230	0.043	0.057
13245	0.045	0.057
13260	0.046	0.057
13275	0.055	0.057
13290	0.059	0.057
13305	0.049	0.057
13320	0.059	0.057
13335	0.08	0.058
13350	0.051	0.058
13365	0.047	0.058
13380	0.046	0.058
13395	0.045	0.058
13410	0.044	0.058
13425	0.044	0.058
13440	0.043	0.058
13455	0.043	0.058
13470	0.043	0.058
13485	0.044	0.058
13500	0.044	0.058
13515	0.043	0.058
13530	0.043	0.057
13545	0.045	0.057
13560	0.044	0.057
13575	0.043	0.057
13590	0.043	0.057
13605	0.043	0.056
13620	0.052	0.057
13635	0.049	0.057
13650	0.043	0.057

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 9, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_002
Test Start Time	7:05:51 AM
Test Start Date	7/9/2025
Test Length [D:H:M]	0:06:46
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.054
Mass Minimum [mg/m3]	0.036
Mass Maximum [mg/m3]	0.403
Mass TWA [mg/m3]	0.046
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1626

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
13665	0.042	0.057
13680	0.061	0.057
13695	0.065	0.057
13710	0.046	0.057
13725	0.044	0.057
13740	0.045	0.057
13755	0.043	0.057
13770	0.041	0.057
13785	0.123	0.053
13800	0.058	0.052
13815	0.044	0.051
13830	0.042	0.050
13845	0.041	0.050
13860	0.04	0.049
13875	0.041	0.049
13890	0.096	0.050
13905	0.045	0.050
13920	0.047	0.050
13935	0.043	0.049
13950	0.044	0.049
13965	0.045	0.049
13980	0.056	0.049
13995	0.098	0.050
14010	0.051	0.050
14025	0.044	0.050
14040	0.043	0.050
14055	0.059	0.050
14070	0.058	0.050
14085	0.078	0.051
14100	0.06	0.051
14115	0.045	0.051
14130	0.044	0.051
14145	0.043	0.051
14160	0.043	0.051
14175	0.043	0.051
14190	0.043	0.051
14205	0.064	0.051
14220	0.052	0.051
14235	0.045	0.050
14250	0.046	0.050
14265	0.045	0.050
14280	0.045	0.050
14295	0.045	0.050
14310	0.059	0.050
14325	0.051	0.050
14340	0.048	0.050
14355	0.044	0.050
14370	0.043	0.050
14385	0.045	0.050
14400	0.046	0.051
14415	0.047	0.051
14430	0.047	0.051
14445	0.046	0.051
14460	0.046	0.051
14475	0.046	0.051
14490	0.046	0.051
14505	0.045	0.051
14520	0.045	0.051
14535	0.043	0.051
14550	0.049	0.051
14565	0.051	0.051
14580	0.044	0.051
14595	0.045	0.050
14610	0.047	0.050
14625	0.044	0.050
14640	0.044	0.050
14655	0.042	0.050
14670	0.043	0.050
14685	0.044	0.049
14700	0.043	0.049

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 9, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_002
Test Start Time	7:05:51 AM
Test Start Date	7/9/2025
Test Length [D:H:M]	0:06:46
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.054
Mass Minimum [mg/m3]	0.036
Mass Maximum [mg/m3]	0.403
Mass TWA [mg/m3]	0.046
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1626

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
14715	0.045	0.049
14730	0.051	0.049
14745	0.085	0.050
14760	0.074	0.050
14775	0.047	0.050
14790	0.044	0.049
14805	0.044	0.049
14820	0.043	0.049
14835	0.055	0.050
14850	0.044	0.050
14865	0.044	0.049
14880	0.044	0.049
14895	0.044	0.048
14910	0.059	0.049
14925	0.085	0.049
14940	0.078	0.050
14955	0.093	0.050
14970	0.052	0.050
14985	0.055	0.050
15000	0.06	0.050
15015	0.047	0.050
15030	0.045	0.050
15045	0.044	0.050
15060	0.043	0.050
15075	0.043	0.050
15090	0.043	0.050
15105	0.043	0.050
15120	0.043	0.049
15135	0.047	0.049
15150	0.044	0.049
15165	0.068	0.050
15180	0.07	0.050
15195	0.057	0.050
15210	0.045	0.050
15225	0.049	0.050
15240	0.043	0.050
15255	0.045	0.050
15270	0.043	0.050
15285	0.043	0.050
15300	0.044	0.050
15315	0.043	0.050
15330	0.043	0.050
15345	0.043	0.050
15360	0.045	0.050
15375	0.043	0.050
15390	0.044	0.050
15405	0.043	0.050
15420	0.043	0.050
15435	0.044	0.050
15450	0.043	0.050
15465	0.046	0.050
15480	0.047	0.050
15495	0.045	0.050
15510	0.044	0.050
15525	0.046	0.050
15540	0.044	0.050
15555	0.045	0.050
15570	0.044	0.050
15585	0.045	0.050
15600	0.045	0.050
15615	0.046	0.050
15630	0.044	0.050
15645	0.044	0.049
15660	0.044	0.048
15675	0.044	0.048
15690	0.043	0.048
15705	0.051	0.048
15720	0.043	0.048
15735	0.043	0.048
15750	0.043	0.048

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 9, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_002
Test Start Time	7:05:51 AM
Test Start Date	7/9/2025
Test Length [D:H:M]	0:06:46
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.054
Mass Minimum [mg/m3]	0.036
Mass Maximum [mg/m3]	0.403
Mass TWA [mg/m3]	0.046
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1626

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
15765	0.043	0.048
15780	0.043	0.048
15795	0.043	0.048
15810	0.046	0.048
15825	0.058	0.048
15840	0.044	0.047
15855	0.045	0.046
15870	0.046	0.046
15885	0.062	0.046
15900	0.046	0.046
15915	0.046	0.046
15930	0.045	0.046
15945	0.043	0.046
15960	0.043	0.046
15975	0.043	0.046
15990	0.046	0.046
16005	0.044	0.046
16020	0.043	0.046
16035	0.043	0.046
16050	0.042	0.046
16065	0.049	0.046
16080	0.049	0.045
16095	0.045	0.045
16110	0.044	0.045
16125	0.044	0.045
16140	0.044	0.045
16155	0.045	0.045
16170	0.043	0.045
16185	0.054	0.045
16200	0.057	0.045
16215	0.048	0.045
16230	0.043	0.045
16245	0.043	0.045
16260	0.044	0.045
16275	0.045	0.045
16290	0.046	0.045
16305	0.042	0.045
16320	0.045	0.045
16335	0.044	0.045
16350	0.045	0.045
16365	0.043	0.045
16380	0.042	0.045
16395	0.043	0.045
16410	0.043	0.045
16425	0.05	0.045
16440	0.059	0.046
16455	0.049	0.046
16470	0.045	0.046
16485	0.043	0.046
16500	0.043	0.046
16515	0.042	0.046
16530	0.052	0.046
16545	0.043	0.046
16560	0.044	0.046
16575	0.044	0.046
16590	0.042	0.046
16605	0.044	0.046
16620	0.043	0.046
16635	0.043	0.046
16650	0.042	0.046
16665	0.043	0.046
16680	0.041	0.046
16695	0.042	0.045
16710	0.041	0.045
16725	0.043	0.045
16740	0.043	0.045
16755	0.054	0.045
16770	0.049	0.045
16785	0.044	0.045
16800	0.042	0.045

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 9, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_002
Test Start Time	7:05:51 AM
Test Start Date	7/9/2025
Test Length [D:H:M]	0:06:46
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.054
Mass Minimum [mg/m3]	0.036
Mass Maximum [mg/m3]	0.403
Mass TWA [mg/m3]	0.046
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1626

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
16815	0.041	0.045
16830	0.042	0.045
16845	0.046	0.045
16860	0.042	0.045
16875	0.043	0.045
16890	0.042	0.045
16905	0.044	0.045
16920	0.123	0.046
16935	0.067	0.047
16950	0.048	0.047
16965	0.044	0.047
16980	0.044	0.046
16995	0.044	0.046
17010	0.041	0.046
17025	0.061	0.047
17040	0.043	0.047
17055	0.043	0.047
17070	0.042	0.047
17085	0.049	0.047
17100	0.042	0.046
17115	0.041	0.046
17130	0.041	0.046
17145	0.041	0.046
17160	0.043	0.046
17175	0.042	0.046
17190	0.045	0.046
17205	0.041	0.046
17220	0.041	0.046
17235	0.041	0.046
17250	0.053	0.046
17265	0.155	0.048
17280	0.06	0.048
17295	0.044	0.048
17310	0.042	0.048
17325	0.078	0.049
17340	0.058	0.049
17355	0.046	0.049
17370	0.044	0.049
17385	0.042	0.049
17400	0.051	0.049
17415	0.05	0.049
17430	0.061	0.049
17445	0.043	0.049
17460	0.07	0.049
17475	0.049	0.049
17490	0.043	0.050
17505	0.043	0.049
17520	0.049	0.050
17535	0.047	0.050
17550	0.046	0.050
17565	0.05	0.050
17580	0.045	0.050
17595	0.044	0.050
17610	0.046	0.050
17625	0.048	0.050
17640	0.048	0.050
17655	0.043	0.050
17670	0.043	0.050
17685	0.086	0.051
17700	0.06	0.051
17715	0.045	0.051
17730	0.043	0.051
17745	0.043	0.051
17760	0.047	0.051
17775	0.076	0.052
17790	0.044	0.052
17805	0.045	0.052
17820	0.044	0.050
17835	0.198	0.052
17850	0.083	0.053

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 9, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_002
Test Start Time	7:05:51 AM
Test Start Date	7/9/2025
Test Length [D:H:M]	0:06:46
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.054
Mass Minimum [mg/m3]	0.036
Mass Maximum [mg/m3]	0.403
Mass TWA [mg/m3]	0.046
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1626

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
17865	0.048	0.053
17880	0.045	0.053
17895	0.046	0.053
17910	0.163	0.055
17925	0.068	0.055
17940	0.084	0.056
17955	0.074	0.057
17970	0.054	0.057
17985	0.051	0.057
18000	0.045	0.057
18015	0.084	0.058
18030	0.048	0.058
18045	0.045	0.058
18060	0.041	0.058
18075	0.041	0.058
18090	0.041	0.058
18105	0.041	0.058
18120	0.042	0.058
18135	0.042	0.058
18150	0.042	0.057
18165	0.041	0.056
18180	0.042	0.055
18195	0.04	0.055
18210	0.043	0.055
18225	0.057	0.055
18240	0.041	0.055
18255	0.09	0.055
18270	0.064	0.056
18285	0.145	0.057
18300	0.143	0.059
18315	0.089	0.060
18330	0.048	0.059
18345	0.045	0.059
18360	0.044	0.059
18375	0.043	0.059
18390	0.042	0.059
18405	0.043	0.059
18420	0.051	0.059
18435	0.05	0.059
18450	0.051	0.059
18465	0.047	0.059
18480	0.062	0.059
18495	0.047	0.059
18510	0.042	0.059
18525	0.042	0.059
18540	0.041	0.059
18555	0.043	0.059
18570	0.041	0.059
18585	0.081	0.059
18600	0.148	0.060
18615	0.115	0.061
18630	0.083	0.062
18645	0.065	0.063
18660	0.051	0.063
18675	0.047	0.062
18690	0.042	0.062
18705	0.041	0.062
18720	0.041	0.062
18735	0.043	0.059
18750	0.042	0.059
18765	0.043	0.059
18780	0.042	0.059
18795	0.048	0.059
18810	0.078	0.057
18825	0.05	0.057
18840	0.042	0.056
18855	0.042	0.056
18870	0.043	0.055
18885	0.042	0.055
18900	0.045	0.055

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 9, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_002
Test Start Time	7:05:51 AM
Test Start Date	7/9/2025
Test Length [D:H:M]	0:06:46
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.054
Mass Minimum [mg/m3]	0.036
Mass Maximum [mg/m3]	0.403
Mass TWA [mg/m3]	0.046
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1626

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
18915	0.047	0.055
18930	0.045	0.055
18945	0.043	0.055
18960	0.043	0.055
18975	0.044	0.055
18990	0.065	0.055
19005	0.063	0.055
19020	0.048	0.056
19035	0.049	0.056
19050	0.046	0.056
19065	0.053	0.056
19080	0.044	0.056
19095	0.042	0.056
19110	0.041	0.056
19125	0.042	0.056
19140	0.041	0.056
19155	0.042	0.055
19170	0.081	0.055
19185	0.061	0.054
19200	0.044	0.052
19215	0.046	0.051
19230	0.05	0.051
19245	0.048	0.052
19260	0.042	0.051
19275	0.043	0.051
19290	0.043	0.052
19305	0.041	0.051
19320	0.042	0.051
19335	0.043	0.051
19350	0.041	0.051
19365	0.041	0.051
19380	0.041	0.051
19395	0.043	0.051
19410	0.043	0.051
19425	0.043	0.051
19440	0.043	0.051
19455	0.042	0.051
19470	0.041	0.051
19485	0.041	0.050
19500	0.042	0.048
19515	0.041	0.047
19530	0.045	0.046
19545	0.043	0.046
19560	0.043	0.046
19575	0.042	0.046
19590	0.044	0.046
19605	0.043	0.046
19620	0.042	0.046
19635	0.044	0.046
19650	0.043	0.046
19665	0.047	0.046
19680	0.074	0.046
19695	0.06	0.047
19710	0.048	0.046
19725	0.045	0.046
19740	0.043	0.046
19755	0.044	0.046
19770	0.042	0.046
19785	0.042	0.046
19800	0.058	0.046
19815	0.042	0.046
19830	0.042	0.046
19845	0.042	0.046
19860	0.042	0.046
19875	0.042	0.046
19890	0.042	0.046
19905	0.041	0.045
19920	0.041	0.045
19935	0.042	0.045
19950	0.043	0.045

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 9, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_002
Test Start Time	7:05:51 AM
Test Start Date	7/9/2025
Test Length [D:H:M]	0:06:46
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.054
Mass Minimum [mg/m3]	0.036
Mass Maximum [mg/m3]	0.403
Mass TWA [mg/m3]	0.046
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1626

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
19965	0.043	0.045
19980	0.042	0.045
19995	0.041	0.045
20010	0.042	0.045
20025	0.044	0.045
20040	0.042	0.045
20055	0.041	0.045
20070	0.042	0.044
20085	0.042	0.044
20100	0.045	0.044
20115	0.046	0.044
20130	0.043	0.044
20145	0.042	0.044
20160	0.085	0.044
20175	0.049	0.045
20190	0.043	0.045
20205	0.042	0.045
20220	0.041	0.045
20235	0.041	0.044
20250	0.041	0.044
20265	0.042	0.045
20280	0.042	0.045
20295	0.048	0.045
20310	0.057	0.045
20325	0.049	0.045
20340	0.043	0.045
20355	0.046	0.045
20370	0.043	0.045
20385	0.321	0.050
20400	0.163	0.052
20415	0.096	0.053
20430	0.051	0.053
20445	0.074	0.053
20460	0.088	0.054
20475	0.075	0.055
20490	0.053	0.055
20505	0.045	0.055
20520	0.042	0.055
20535	0.05	0.055
20550	0.066	0.055
20565	0.074	0.056
20580	0.049	0.055
20595	0.045	0.055
20610	0.048	0.055
20625	0.042	0.055
20640	0.041	0.055
20655	0.042	0.055
20670	0.041	0.055
20685	0.042	0.055
20700	0.044	0.055
20715	0.042	0.055
20730	0.045	0.055
20745	0.042	0.055
20760	0.042	0.055
20775	0.044	0.055
20790	0.066	0.055
20805	0.043	0.055
20820	0.047	0.055
20835	0.044	0.055
20850	0.045	0.055
20865	0.043	0.055
20880	0.042	0.055
20895	0.043	0.055
20910	0.041	0.055
20925	0.041	0.055
20940	0.041	0.055
20955	0.04	0.055
20970	0.042	0.055
20985	0.045	0.055
21000	0.056	0.055

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 9, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_002
Test Start Time	7:05:51 AM
Test Start Date	7/9/2025
Test Length [D:H:M]	0:06:46
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.054
Mass Minimum [mg/m3]	0.036
Mass Maximum [mg/m3]	0.403
Mass TWA [mg/m3]	0.046
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1626

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
21015	0.047	0.056
21030	0.046	0.056
21045	0.043	0.056
21060	0.05	0.055
21075	0.086	0.056
21090	0.052	0.056
21105	0.053	0.056
21120	0.05	0.056
21135	0.042	0.056
21150	0.043	0.056
21165	0.042	0.056
21180	0.042	0.056
21195	0.043	0.056
21210	0.042	0.056
21225	0.041	0.056
21240	0.041	0.056
21255	0.042	0.056
21270	0.043	0.056
21285	0.066	0.051
21300	0.101	0.050
21315	0.061	0.050
21330	0.054	0.050
21345	0.051	0.049
21360	0.047	0.049
21375	0.044	0.048
21390	0.043	0.048
21405	0.043	0.048
21420	0.043	0.048
21435	0.042	0.048
21450	0.041	0.047
21465	0.04	0.047
21480	0.041	0.047
21495	0.041	0.047
21510	0.042	0.047
21525	0.043	0.047
21540	0.041	0.047
21555	0.047	0.047
21570	0.045	0.047
21585	0.04	0.047
21600	0.042	0.047
21615	0.042	0.047
21630	0.042	0.047
21645	0.042	0.047
21660	0.041	0.047
21675	0.041	0.047
21690	0.041	0.046
21705	0.041	0.046
21720	0.041	0.046
21735	0.042	0.046
21750	0.041	0.046
21765	0.041	0.046
21780	0.041	0.046
21795	0.041	0.046
21810	0.04	0.046
21825	0.041	0.046
21840	0.042	0.046
21855	0.048	0.046
21870	0.042	0.046
21885	0.041	0.046
21900	0.042	0.046
21915	0.041	0.046
21930	0.047	0.046
21945	0.051	0.046
21960	0.044	0.046
21975	0.049	0.045
21990	0.051	0.045
22005	0.046	0.045
22020	0.041	0.045
22035	0.068	0.045
22050	0.249	0.049

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 9, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_002
Test Start Time	7:05:51 AM
Test Start Date	7/9/2025
Test Length [D:H:M]	0:06:46
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.054
Mass Minimum [mg/m3]	0.036
Mass Maximum [mg/m3]	0.403
Mass TWA [mg/m3]	0.046
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1626

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
22065	0.386	0.054
22080	0.13	0.056
22095	0.077	0.056
22110	0.053	0.057
22125	0.048	0.057
22140	0.053	0.057
22155	0.057	0.057
22170	0.041	0.057
22185	0.04	0.057
22200	0.04	0.056
22215	0.039	0.055
22230	0.046	0.055
22245	0.044	0.055
22260	0.041	0.055
22275	0.04	0.055
22290	0.046	0.055
22305	0.076	0.055
22320	0.045	0.055
22335	0.046	0.056
22350	0.04	0.056
22365	0.039	0.055
22380	0.052	0.056
22395	0.074	0.056
22410	0.066	0.057
22425	0.044	0.057
22440	0.039	0.057
22455	0.039	0.056
22470	0.039	0.056
22485	0.053	0.057
22500	0.044	0.057
22515	0.039	0.057
22530	0.04	0.057
22545	0.039	0.056
22560	0.042	0.057
22575	0.04	0.056
22590	0.042	0.057
22605	0.039	0.056
22620	0.042	0.056
22635	0.039	0.056
22650	0.044	0.056
22665	0.044	0.057
22680	0.04	0.057
22695	0.039	0.056
22710	0.038	0.056
22725	0.039	0.056
22740	0.038	0.056
22755	0.039	0.056
22770	0.038	0.056
22785	0.039	0.056
22800	0.043	0.056
22815	0.039	0.056
22830	0.237	0.059
22845	0.204	0.062
22860	0.066	0.062
22875	0.047	0.062
22890	0.046	0.062
22905	0.04	0.062
22920	0.039	0.062
22935	0.041	0.061
22950	0.04	0.058
22965	0.043	0.052
22980	0.048	0.051
22995	0.049	0.050
23010	0.097	0.051
23025	0.295	0.055
23040	0.148	0.057
23055	0.111	0.058
23070	0.044	0.058
23085	0.042	0.058
23100	0.039	0.058

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 9, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_002
Test Start Time	7:05:51 AM
Test Start Date	7/9/2025
Test Length [D:H:M]	0:06:46
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.054
Mass Minimum [mg/m3]	0.036
Mass Maximum [mg/m3]	0.403
Mass TWA [mg/m3]	0.046
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1626

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
23115	0.039	0.058
23130	0.039	0.058
23145	0.04	0.058
23160	0.04	0.058
23175	0.039	0.058
23190	0.038	0.057
23205	0.038	0.057
23220	0.038	0.057
23235	0.039	0.057
23250	0.049	0.057
23265	0.04	0.057
23280	0.038	0.057
23295	0.051	0.056
23310	0.048	0.056
23325	0.045	0.056
23340	0.043	0.056
23355	0.07	0.056
23370	0.084	0.057
23385	0.055	0.057
23400	0.04	0.057
23415	0.041	0.057
23430	0.04	0.057
23445	0.062	0.058
23460	0.084	0.058
23475	0.046	0.058
23490	0.043	0.058
23505	0.04	0.058
23520	0.041	0.058
23535	0.038	0.058
23550	0.038	0.058
23565	0.037	0.058
23580	0.037	0.058
23595	0.037	0.058
23610	0.04	0.058
23625	0.038	0.058
23640	0.045	0.058
23655	0.04	0.058
23670	0.036	0.058
23685	0.038	0.058
23700	0.036	0.058
23715	0.037	0.058
23730	0.057	0.055
23745	0.05	0.052
23760	0.079	0.053
23775	0.055	0.053
23790	0.047	0.053
23805	0.046	0.053
23820	0.042	0.053
23835	0.038	0.053
23850	0.07	0.053
23865	0.039	0.053
23880	0.036	0.053
23895	0.037	0.053
23910	0.037	0.052
23925	0.038	0.048
23940	0.046	0.046
23955	0.057	0.045
23970	0.051	0.045
23985	0.066	0.046
24000	0.04	0.046
24015	0.037	0.046
24030	0.037	0.046
24045	0.037	0.046
24060	0.036	0.045
24075	0.036	0.045
24090	0.037	0.045
24105	0.037	0.045
24120	0.036	0.045
24135	0.037	0.045
24150	0.036	0.045

Attachment F
CAMP Particulate Monitoring Data
Pre-Characterization Test Pit

UPWIND PARTICULATE MONITORING DATA - July 9, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530221204
Firmware Version	3.1
Calibration Date	6/10/2025
Test Name	MANUAL_002
Test Start Time	7:05:51 AM
Test Start Date	7/9/2025
Test Length [D:H:M]	0:06:46
Test Interval [M:S]	0:15
Mass Average [mg/m3]	0.054
Mass Minimum [mg/m3]	0.036
Mass Maximum [mg/m3]	0.403
Mass TWA [mg/m3]	0.046
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	1626

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
24165	0.036	0.045
24180	0.038	0.045
24195	0.037	0.045
24210	0.037	0.045
24225	0.038	0.044
24240	0.038	0.044
24255	0.036	0.044
24270	0.036	0.043
24285	0.037	0.043
24300	0.038	0.043
24315	0.051	0.043
24330	0.04	0.043
24345	0.04	0.043
24360	0.045	0.042
24375	0.047	0.042
24390	0.056	0.042

Appendix E2 – Corrective Measures Excavation CAMP Data

UPWIND PARTICULATE MONITORING DATA - DECEMBER 15, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530185214
Firmware Version	3.1
Calibration Date	12/4/2025
Test Name	MANUAL_001
Test Start Time	6:41:06 AM
Test Start Date	12/15/2025
Test Length [D:H:M]	0:07:41
Test Interval [M:S]	0:01
Mass Average [mg/m3]	0.013
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	3.91
Mass TWA [mg/m3]	0.013
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	27666

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
900	0.002	0.0029
1800	0.003	0.0031
2700	0.003	0.0031
3600	0.003	0.0031
4500	0.003	0.0033
5400	0.003	0.0035
6300	0.004	0.0036
7200	0.004	0.0040
8100	0.003	0.0036
9000	0.002	0.0027
9900	0.001	0.0023
10800	0.002	0.0020
11700	0.002	0.0021
12600	0.004	0.0027
13500	0.002	0.0019
14400	0.002	0.0017
15300	0.002	0.0016
16200	0.002	0.0026
17100	0.004	0.0034
18000	0.005	0.0046
18900	0.01	0.0541
19800	0.008	0.0086
20700	0.007	0.0073
21600	0.007	0.0100
22500	0.027	0.0612

23400	0.008	0.0483
24300	0.009	0.0619
25200	0.007	0.0215
26100	0.051	0.0203
27000	0.009	0.0295
27666	0.017	0.0289

DOWNWIND PARTICULATE MONITORING DATA - DECEMBER 15, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530220923
Firmware Version	3.1
Calibration Date	12/4/2025
Test Name	MANUAL_001
Test Start Time	7:44:44 AM
Test Start Date	12/15/2025
Test Length [D:H:M]	0:04:50
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.008
Mass Minimum [mg/m3]	0.005
Mass Maximum [mg/m3]	0.029
Mass TWA [mg/m3]	0.005
Photometric User Cal	1
Flow User Cal	0
Errors	Flow Error
Number of Samples	290

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
900	0.008	0.00767
1800	0.012	0.00853
2700	0.008	0.00807
3600	0.008	0.00867
4500	0.008	0.01047
5400	0.008	0.00827
6300	0.009	0.00840
7200	0.009	0.00893
8100	0.007	0.00773
9000	0.007	0.00693
9900	0.006	0.00620
10800	0.006	0.00627
11700	0.009	0.00687
12600	0.006	0.00673
13500	0.006	0.00627
14400	0.005	0.00587
15300	0.006	0.00553
16200	0.007	0.00633
17100	0.01	0.00887
17400	0.011	0.0116

UPWIND VOC MONITORING DATA - DECEMBER 15, 2025		
GX-6000 Data Sample (Interval Trend)		
Property	Value	
Name	iv15074057_135020074RN	
Sampling Date/Time	2025/12/15 07:40:57 to 2025/12/15 15:22:20	
Serial No.	135020074RN	
Data Count	461	
Interval Time (sec)	60	
Gas(FullScale)	Avg	Max
VOC(6000ppm)	0.2 ppm	3.1 ppm

No	Date/Time	VOC(6000ppm)	15 Min Average (Calculated)
15	12/15/2025 7:55	0	0.15
30	12/15/2025 8:10	0	0.00
45	12/15/2025 8:25	0	0.00
60	12/15/2025 8:40	0	0.00
75	12/15/2025 8:55	0	0.00
90	12/15/2025 9:10	0	0.00
105	12/15/2025 9:25	0	0.00
120	12/15/2025 9:40	0.1	0.02
135	12/15/2025 9:55	0.2	0.13
150	12/15/2025 10:10	0.4	0.35
165	12/15/2025 10:25	0.6	0.48
180	12/15/2025 10:40	0.5	0.59
195	12/15/2025 10:55	0.5	0.50
210	12/15/2025 11:10	0.6	0.51
225	12/15/2025 11:25	0.6	0.60
240	12/15/2025 11:40	0.6	0.60
255	12/15/2025 11:55	0.7	0.70
270	12/15/2025 12:10	0.6	0.62
285	12/15/2025 12:25	0.6	0.60
300	12/15/2025 12:40	0.4	0.47
315	12/15/2025 12:55	0.3	0.30
330	12/15/2025 13:10	0.3	0.30
345	12/15/2025 13:25	0.3	0.31
360	12/15/2025 13:40	0.3	0.30
375	12/15/2025 13:55	0.2	0.28
390	12/15/2025 14:10	0.1	0.16
405	12/15/2025 14:25	0	0.05
420	12/15/2025 14:40	0	0.00
435	12/15/2025 14:55	0	0.00
450	12/15/2025 15:10	0	0.00
461	12/15/2025 15:21	0	0.00

DOWNWIND VOC MONITORING DATA - DECEMBER 15, 2025			
GX-6000 Data Sample (Interval Trend)			
Property	Value		
Name	iv15084245_549050213RN		
Sampling Date/Time	2025/12/15 08:42:45 to 2025/12/15 16:01:49		
Serial No.	549050213RN		
Data Count	439		
Interval Time (sec)	60		
Gas(FullScale)	Avg	Max	
VOC(4000ppm)	0.0 ppm	3.8 ppm	

No	Date/Time	VOC(4000ppm)	15 Min Average (Calculated)
15	12/15/2025 8:57	0	0.33
30	12/15/2025 9:12	0	0.00
45	12/15/2025 9:27	0	0.00
60	12/15/2025 9:42	0	0.00
75	12/15/2025 9:57	0	0.00
90	12/15/2025 10:12	0	0.00
105	12/15/2025 10:27	0	0.00
120	12/15/2025 10:42	0	0.00
135	12/15/2025 10:57	0	0.00
150	12/15/2025 11:12	0	0.03
165	12/15/2025 11:27	0	0.00
180	12/15/2025 11:42	0	0.00
195	12/15/2025 11:57	0	0.00
210	12/15/2025 12:12	0	0.00
225	12/15/2025 12:27	0	0.00
240	12/15/2025 12:42	0	0.00
255	12/15/2025 12:57	0	0.00
270	12/15/2025 13:12	0	0.00
285	12/15/2025 13:27	0	0.00
300	12/15/2025 13:42	0	0.00
315	12/15/2025 13:57	0.1	0.08
330	12/15/2025 14:12	0.1	0.10
345	12/15/2025 14:27	0.2	0.14
360	12/15/2025 14:42	0.1	0.11
375	12/15/2025 14:57	0.1	0.11
390	12/15/2025 15:12	0.1	0.15
405	12/15/2025 15:27	0.2	0.15
420	12/15/2025 15:42	0.2	0.20
435	12/15/2025 15:57	0.2	0.20
439	12/15/2025 16:01	0.2	0.20

UPWIND PARTICULATE MONITORING DATA - DECEMBER 16, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530185214
Firmware Version	3.1
Calibration Date	12/4/2025
Test Name	MANUAL_002
Test Start Time	6:30:18 AM
Test Start Date	12/16/2025
Test Length [D:H:M]	0:05:57
Test Interval [M:S]	0:01
Mass Average [mg/m3]	0.038
Mass Minimum [mg/m3]	0.022
Mass Maximum [mg/m3]	0.426
Mass TWA [mg/m3]	0.028
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	21449

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
900	0.037	0.036
1800	0.049	0.044
2700	0.043	0.044
3600	0.032	0.037
4500	0.037	0.036
5400	0.044	0.038
6300	0.04	0.041
7200	0.042	0.038
8100	0.044	0.039
9000	0.04	0.042
9900	0.046	0.042
10800	0.064	0.054
11700	0.043	0.049
12600	0.046	0.044
13500	0.042	0.045
14400	0.032	0.039
15300	0.032	0.034
16200	0.034	0.032
17100	0.03	0.032
18000	0.027	0.028
18900	0.026	0.027
19800	0.027	0.028
20700	0.031	0.026
900	0.026	0.027
1800	0.023	0.024

2700	0.024	0.024
3600	0.024	0.024
4170	0.026	0.025

DOWNWIND PARTICULATE MONITORING DATA - DECEMBER 16, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530220923
Firmware Version	3.1
Calibration Date	12/4/2025
Test Name	MANUAL_002
Test Start Time	7:29:52 AM
Test Start Date	12/16/2025
Test Length [D:H:M]	0:07:11
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.038
Mass Minimum [mg/m3]	0.025
Mass Maximum [mg/m3]	0.059
Mass TWA [mg/m3]	0.034
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	431

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
900	0.032	0.033
1800	0.043	0.037
2700	0.037	0.037
3600	0.035	0.037
4500	0.034	0.036
5400	0.038	0.036
6300	0.054	0.041
7200	0.041	0.042
8100	0.046	0.044
9000	0.045	0.047
9900	0.049	0.047
10800	0.054	0.053
11700	0.04	0.049
12600	0.047	0.048
13500	0.046	0.046
14400	0.039	0.044
15300	0.036	0.039
16200	0.036	0.037
17100	0.037	0.037
18000	0.031	0.032
18900	0.032	0.030
19800	0.029	0.031
20700	0.03	0.030
21600	0.033	0.032
22500	0.031	0.032

23400	0.026	0.028
24300	0.026	0.027
25200	0.026	0.027
25860	0.026	0.027

UPWIND VOC MONITORING DATA - DECEMBER 16, 2025		
GX-6000 Data Sample (Interval Trend)		
Property	Value	
Name	iv16073005_135020074RN	
Sampling Date/Time	2025/12/16 07:30:05 to 2025/12/16 14:38:30	
Serial No.	135020074RN	
Data Count	428	
Interval Time (sec)	60	
Gas(FullScale)	Avg	Max
VOC(6000ppm)	0.2 ppm	0.7 ppm

No	Date/Time	VOC(6000ppm)	15 Min Average (Calculated)
15	12/16/2025 7:45	0.5	0.18
30	12/16/2025 8:00	0.7	0.61
45	12/16/2025 8:15	0.7	0.70
60	12/16/2025 8:30	0.6	0.65
75	12/16/2025 8:45	0.5	0.59
90	12/16/2025 9:00	0.4	0.43
105	12/16/2025 9:15	0.2	0.29
120	12/16/2025 9:30	0.1	0.15
135	12/16/2025 9:45	0	0.06
150	12/16/2025 10:00	0	0.00
165	12/16/2025 10:15	0	0.00
180	12/16/2025 10:30	0	0.00
195	12/16/2025 10:45	0	0.00
210	12/16/2025 11:00	0	0.00
225	12/16/2025 11:15	0	0.00
240	12/16/2025 11:30	0.1	0.01
255	12/16/2025 11:45	0.1	0.10
270	12/16/2025 12:00	0.2	0.19
285	12/16/2025 12:15	0.3	0.26
300	12/16/2025 12:30	0.3	0.30
315	12/16/2025 12:45	0.3	0.30
330	12/16/2025 13:00	0.3	0.30
345	12/16/2025 13:15	0.3	0.30
360	12/16/2025 13:30	0.3	0.30
375	12/16/2025 13:45	0.4	0.31
390	12/16/2025 14:00	0.3	0.30
405	12/16/2025 14:15	0.4	0.35
420	12/16/2025 14:30	0.4	0.40
428	12/16/2025 14:38	0.4	0.40

DOWNWIND VOC MONITORING DATA - DECEMBER 16, 2025			
GX-6000 Data Sample (Interval Trend)			
Property	Value		
Name	iv16082804_549050213RN		
Sampling Date/Time	2025/12/16 08:28:04 to 2025/12/16 15:39:56		
Serial No.	549050213RN		
Data Count	431		
Interval Time (sec)	60		
Gas(FullScale)	Avg	Max	
VOC(4000ppm)	0.1 ppm	1.0 ppm	

No	Date/Time	VOC(4000ppm)	15 Min Average (Calculated)
15	12/16/2025 8:43	0	0.01
30	12/16/2025 8:58	0.1	0.09
45	12/16/2025 9:13	0.1	0.10
60	12/16/2025 9:28	0.1	0.10
75	12/16/2025 9:43	0.1	0.10
90	12/16/2025 9:58	0.1	0.10
105	12/16/2025 10:13	0.1	0.11
120	12/16/2025 10:28	0.1	0.12
135	12/16/2025 10:43	0.2	0.17
150	12/16/2025 10:58	0.2	0.13
165	12/16/2025 11:13	0.1	0.13
180	12/16/2025 11:28	0.2	0.15
195	12/16/2025 11:43	0.1	0.14
210	12/16/2025 11:58	0.1	0.11
225	12/16/2025 12:13	0.1	0.11
240	12/16/2025 12:28	0.1	0.14
255	12/16/2025 12:43	0.1	0.17
270	12/16/2025 12:58	0.1	0.10
285	12/16/2025 13:13	0.1	0.10
300	12/16/2025 13:28	0.1	0.10
315	12/16/2025 13:43	0.1	0.10
330	12/16/2025 13:58	0.2	0.11
345	12/16/2025 14:13	0.2	0.20
360	12/16/2025 14:28	0.2	0.20
375	12/16/2025 14:43	0.2	0.20
390	12/16/2025 14:58	0.2	0.20
405	12/16/2025 15:13	0.2	0.20
420	12/16/2025 15:28	0.2	0.23
431	12/16/2025 15:39	0.2	0.2

UPWIND PARTICULATE MONITORING DATA - DECEMBER 17, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530185214
Firmware Version	3.1
Calibration Date	12/4/2025
Test Name	MANUAL_005
Test Start Time	6:32:58 AM
Test Start Date	12/17/2025
Test Length [D:H:M]	0:07:17
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.022
Mass Minimum [mg/m3]	0.014
Mass Maximum [mg/m3]	0.043
Mass TWA [mg/m3]	0.02
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	437

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
900	0.014	0.014
1800	0.014	0.014
2700	0.014	0.014
3600	0.015	0.014
4500	0.014	0.014
5400	0.014	0.015
6300	0.015	0.015
7200	0.015	0.015
8100	0.016	0.015
9000	0.016	0.016
9900	0.019	0.017
10800	0.02	0.020
11700	0.022	0.021
12600	0.022	0.022
13500	0.023	0.023
14400	0.024	0.024
15300	0.025	0.025
16200	0.025	0.025
17100	0.026	0.026
18000	0.027	0.026
18900	0.028	0.027
19800	0.029	0.028
20700	0.03	0.029
21600	0.03	0.030
22500	0.03	0.030

23400	0.03	0.031
24300	0.031	0.030
25200	0.032	0.032
26100	0.034	0.033
26220	0.034	0.034

DOWNWIND PARTICULATE MONITORING DATA - DECEMBER 17, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530220923
Firmware Version	3.1
Calibration Date	12/4/2025
Test Name	MANUAL_003
Test Start Time	7:36:20 AM
Test Start Date	12/17/2025
Test Length [D:H:M]	0:07:13
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.029
Mass Minimum [mg/m3]	0.013
Mass Maximum [mg/m3]	0.288
Mass TWA [mg/m3]	0.026
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	433

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
900	0.014	0.015
1800	0.016	0.015
2700	0.016	0.016
3600	0.017	0.034
4500	0.038	0.057
5400	0.02	0.031
6300	0.017	0.024
7200	0.025	0.017
8100	0.017	0.017
9000	0.017	0.017
9900	0.02	0.019
10800	0.024	0.026
11700	0.025	0.024
12600	0.028	0.028
13500	0.028	0.029
14400	0.047	0.033
15300	0.069	0.043
16200	0.03	0.034
17100	0.03	0.030
18000	0.032	0.031
18900	0.034	0.032
19800	0.033	0.033
20700	0.034	0.034
21600	0.034	0.035
22500	0.035	0.035

23400	0.034	0.036
24300	0.035	0.035
25200	0.036	0.036
25980	0.037	0.037

UPWIND VOC MONITORING DATA - DECEMBER 17, 2025		
GX-6000 Data Sample (Interval Trend)		
Property	Value	
Name	iv17073606_135020074RN	
Sampling Date/Time	2025/12/17 07:36:06 to 2025/12/17 14:49:02	
Serial No.	135020074RN	
Data Count	432	
Interval Time (sec)	60	
Gas(FullScale)	Avg	Max
VOC(6000ppm)	0.6 ppm	2.8 ppm

No	Date/Time	VOC(6000ppm)	15 Min Average (Calculated)
15	12/17/2025 7:51	1.1	0.59
30	12/17/2025 8:06	1.3	1.24
45	12/17/2025 8:21	1.3	1.30
60	12/17/2025 8:36	1.2	1.25
75	12/17/2025 8:51	1.1	1.19
90	12/17/2025 9:06	1.1	1.13
105	12/17/2025 9:21	1	1.01
120	12/17/2025 9:36	1	1.00
135	12/17/2025 9:51	1	1.00
150	12/17/2025 10:06	0.9	0.99
165	12/17/2025 10:21	0.9	0.90
180	12/17/2025 10:36	0.9	0.90
195	12/17/2025 10:51	0.7	0.73
210	12/17/2025 11:06	0.5	0.61
225	12/17/2025 11:21	0.4	0.46
240	12/17/2025 11:36	0.4	0.49
255	12/17/2025 11:51	0.4	0.45
270	12/17/2025 12:06	0.4	0.44
285	12/17/2025 12:21	0.4	0.39
300	12/17/2025 12:36	0.5	0.48
315	12/17/2025 12:51	0.3	0.32
330	12/17/2025 13:06	0.3	0.30
345	12/17/2025 13:21	1.3	0.39
360	12/17/2025 13:36	0.4	0.38
375	12/17/2025 13:51	0.3	0.30
390	12/17/2025 14:06	0.2	0.23
405	12/17/2025 14:21	0.2	0.20
420	12/17/2025 14:36	0.2	0.21
432	12/17/2025 14:48	0.2	0.20

DOWNWIND VOC MONITORING DATA - DECEMBER 17, 2025			
GX-6000 Data Sample (Interval Trend)			
Property	Value		
Name	iv17083228_549050213RN		
Sampling Date/Time	2025/12/17 08:32:28 to 2025/12/17 15:49:46		
Serial No.	549050213RN		
Data Count	437		
Interval Time (sec)	60		
Gas(FullScale)	Avg	Max	
VOC(4000ppm)	0.1 ppm	1.5 ppm	

No	Date/Time	VOC(4000ppm)	15 Min Average (Calculated)
15	12/17/2025 8:47	0.2	0.11
30	12/17/2025 9:02	0.2	0.20
45	12/17/2025 9:17	0.2	0.20
60	12/17/2025 9:32	0.2	0.20
75	12/17/2025 9:47	0.2	0.20
90	12/17/2025 10:02	0.2	0.20
105	12/17/2025 10:17	0.2	0.20
120	12/17/2025 10:32	0.2	0.20
135	12/17/2025 10:47	0.1	0.13
150	12/17/2025 11:02	0.1	0.10
165	12/17/2025 11:17	0.1	0.10
180	12/17/2025 11:32	0.1	0.10
195	12/17/2025 11:47	0.1	0.10
210	12/17/2025 12:02	0.1	0.10
225	12/17/2025 12:17	0.1	0.10
240	12/17/2025 12:32	0.1	0.13
255	12/17/2025 12:47	0.2	0.17
270	12/17/2025 13:02	0.2	0.20
285	12/17/2025 13:17	0.2	0.20
300	12/17/2025 13:32	0.2	0.20
315	12/17/2025 13:47	0.2	0.20
330	12/17/2025 14:02	0.2	0.20
345	12/17/2025 14:17	0.2	0.20
360	12/17/2025 14:32	0.2	0.20
375	12/17/2025 14:47	0.2	0.20
390	12/17/2025 15:02	0.2	0.20
405	12/17/2025 15:17	0.1	0.19
420	12/17/2025 15:32	0.2	0.14
435	12/17/2025 15:47	0.1	0.11
437	12/17/2025 15:49	0.2	0.15

UPWIND PARTICULATE MONITORING DATA - DECEMBER 18, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530185214
Firmware Version	3.1
Calibration Date	12/4/2025
Test Name	MANUAL_006
Test Start Time	8:24:41 AM
Test Start Date	12/18/2025
Test Length [D:H:M]	0:04:35
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.015
Mass Minimum [mg/m3]	0.009
Mass Maximum [mg/m3]	0.046
Mass TWA [mg/m3]	0.009
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	275

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
900	0.028	0.035
1800	0.022	0.023
2700	0.011	0.013
3600	0.013	0.013
4500	0.019	0.017
5400	0.012	0.014
6300	0.01	0.011
7200	0.009	0.009
8100	0.011	0.011
9000	0.013	0.012
9900	0.011	0.011
10800	0.012	0.012
11700	0.013	0.012
12600	0.012	0.013
13500	0.014	0.014
14400	0.017	0.014
15300	0.019	0.019
16200	0.021	0.019
16500	0.023	0.021

DOWNWIND PARTICULATE MONITORING DATA - DECEMBER 18, 2025	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530220923
Firmware Version	3.1
Calibration Date	12/4/2025
Test Name	MANUAL_004
Test Start Time	9:23:41 AM
Test Start Date	12/18/2025
Test Length [D:H:M]	0:04:37
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.02
Mass Minimum [mg/m3]	0.01
Mass Maximum [mg/m3]	0.094
Mass TWA [mg/m3]	0.011
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	277

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
900	0.034	0.048
1800	0.037	0.037
2700	0.018	0.025
3600	0.04	0.019
4500	0.029	0.031
5400	0.015	0.020
6300	0.013	0.015
7200	0.01	0.011
8100	0.013	0.014
9000	0.017	0.014
9900	0.014	0.015
10800	0.014	0.013
11700	0.015	0.014
12600	0.011	0.014
13500	0.016	0.015
14400	0.016	0.015
15300	0.014	0.016
16200	0.017	0.019
16620	0.018	0.017

UPWIND VOC MONITORING DATA - DECEMBER 18, 2025		
User ID		
Property	Value	
Name	iv18092210_135020074RN	
Sampling Date/Time	2025/12/18 09:22:10 to 2025/12/18 14:00:09	
Serial No.	135020074RN	
Data Count	277	
Interval Time (sec)	60	
Gas(FullScale)	Avg	Max
VOC(6000ppm)	0.5 ppm	1.2 ppm

No	Date/Time	VOC(6000ppm)	15 Min Average (Calculated)
15	12/18/2025 9:37	0.3	0.15
30	12/18/2025 9:52	0.3	0.25
45	12/18/2025 10:07	0.4	0.34
60	12/18/2025 10:22	0.6	0.51
75	12/18/2025 10:37	0.7	0.61
90	12/18/2025 10:52	0.7	0.70
105	12/18/2025 11:07	0.7	0.70
120	12/18/2025 11:22	0.6	0.66
135	12/18/2025 11:37	0.6	0.60
150	12/18/2025 11:52	0.6	0.60
165	12/18/2025 12:07	0.6	0.60
180	12/18/2025 12:22	0.6	0.60
195	12/18/2025 12:37	0.6	0.60
210	12/18/2025 12:52	0.7	0.66
225	12/18/2025 13:07	0.7	0.70
240	12/18/2025 13:22	0.7	0.70
255	12/18/2025 13:37	0.7	0.70
270	12/18/2025 13:52	0.8	0.73
277	12/18/2025 13:59	0.8	0.8

DOWNWIND VOC MONITORING DATA - DECEMBER 18, 2025		
GX-6000 Data Sample (Interval Trend)		
Property	Value	
Name	iv18102400_549050213RN	
Sampling Date/Time	2025/12/18 10:24:00 to 2025/12/18 15:00:21	
Serial No.	549050213RN	
Data Count	276	
Interval Time (sec)	60	
Gas(FullScale)	Avg	Max
VOC(4000ppm)	0.0 ppm	0.8 ppm

No	Date/Time	VOC(4000ppm)	15 Min Average (Calculated)
15	12/18/2025 10:39	0.2	0.20
30	12/18/2025 10:54	0.1	0.15
45	12/18/2025 11:09	0	0.07
60	12/18/2025 11:24	0	0.00
75	12/18/2025 11:39	0	0.01
90	12/18/2025 11:54	0	0.00
105	12/18/2025 12:09	0	0.00
120	12/18/2025 12:24	0	0.00
135	12/18/2025 12:39	0	0.00
150	12/18/2025 12:54	0	0.00
165	12/18/2025 13:09	0	0.00
180	12/18/2025 13:24	0	0.00
195	12/18/2025 13:39	0	0.00
210	12/18/2025 13:54	0	0.00
225	12/18/2025 14:09	0	0.00
240	12/18/2025 14:24	0	0.00
255	12/18/2025 14:39	0	0.00
270	12/18/2025 14:54	0.1	0.02
276	12/18/2025 15:00	0.1	0.083

DOWNWIND VOC MONITORING DATA - JANUARY 6, 2026			
GX-6000 Data Sample (Interval Trend)			
Property	Value		
Name	iv06072147_135020074RN		
Sampling Date/Time	2026/01/06 07:21:47 to 2026/01/06 12:10:12		
Serial No.	135020074RN		
Data Count	288		
Interval Time (sec)	60		
Gas(FullScale)	Avg	Max	
VOC(6000ppm)	0.3 ppm	2.8 ppm	

No	Date/Time	VOC(6000ppm)	15 Min Average (Calculated)
15	1/6/2026 7:36	0.7	0.35
30	1/6/2026 7:51	0.9	0.81
45	1/6/2026 8:06	0.9	0.90
60	1/6/2026 8:21	0.8	0.87
75	1/6/2026 8:36	0.7	0.76
90	1/6/2026 8:51	0.6	0.67
105	1/6/2026 9:06	0.5	0.57
120	1/6/2026 9:21	0.4	0.43
135	1/6/2026 9:36	0.3	0.36
150	1/6/2026 9:51	0.3	0.30
165	1/6/2026 10:06	0.2	0.23
180	1/6/2026 10:21	0.1	0.14
195	1/6/2026 10:36	0.1	0.10
210	1/6/2026 10:51	0.1	0.10
225	1/6/2026 11:06	0.1	0.10
240	1/6/2026 11:21	0.1	0.10
255	1/6/2026 11:36	0	0.05
270	1/6/2026 11:51	0	0.00
285	1/6/2026 12:06	0	0.00
288	1/6/2026 12:09	0	0

UPWIND VOC MONITORING DATA - JANUARY 6, 2026		
GX-6000 Data Sample (Interval Trend)		
Property	Value	
Name	iv06081540_549050213RN	
Sampling Date/Time	2026/01/06 08:15:40 to 2026/01/06 13:10:09	
Serial No.	549050213RN	
Data Count	294	
Interval Time (sec)	60	
Gas(FullScale)	Avg	Max
VOC(4000ppm)	0.3 ppm	3.2 ppm

No	Date/Time	VOC(4000ppm)	15 Min Average (Calculated)
15	1/6/2026 8:30	0.7	0.73
30	1/6/2026 8:45	0.7	0.78
45	1/6/2026 9:00	0.7	0.70
60	1/6/2026 9:15	0.6	0.61
75	1/6/2026 9:30	0.5	0.53
90	1/6/2026 9:45	0.4	0.49
105	1/6/2026 10:00	0.4	0.41
120	1/6/2026 10:15	0.4	0.40
135	1/6/2026 10:30	0.3	0.33
150	1/6/2026 10:45	0.3	0.30
165	1/6/2026 11:00	0.2	0.22
180	1/6/2026 11:15	0.2	0.20
195	1/6/2026 11:30	0.2	0.20
210	1/6/2026 11:45	0.2	0.20
225	1/6/2026 12:00	0.2	0.20
240	1/6/2026 12:15	0.2	0.20
255	1/6/2026 12:30	0.2	0.20
270	1/6/2026 12:45	0.1	0.12
285	1/6/2026 13:00	0.1	0.10
294	1/6/2026 13:09	0.1	0.1

UPWIND VOC MONITORING DATA - JANUARY 7, 2026			
GX-6000 Data Sample (Interval Trend)			
Property	Value		
Name	iv07090659_549050213RN		
Sampling Date/Time	2026/01/07 09:06:59 to 2026/01/07 15:56:48		
Serial No.	549050213RN		
Data Count	409		
Interval Time (sec)	60		
Gas(FullScale)	Avg	Max	
VOC(4000ppm)	0.0 ppm	1.3 ppm	

No	Date/Time	VOC(4000ppm)	15 Min Average (Calculated)
15	1/7/2026 9:21	0.2	0.17
30	1/7/2026 9:36	0.2	0.20
45	1/7/2026 9:51	0.2	0.20
60	1/7/2026 10:06	0.2	0.20
75	1/7/2026 10:21	0.2	0.20
90	1/7/2026 10:36	0.2	0.20
105	1/7/2026 10:51	0.2	0.20
120	1/7/2026 11:06	0.2	0.20
135	1/7/2026 11:21	0.1	0.17
150	1/7/2026 11:36	0.1	0.10
165	1/7/2026 11:51	0	0.05
180	1/7/2026 12:06	0	0.01
195	1/7/2026 12:21	0	0.00
210	1/7/2026 12:36	0	0.00
225	1/7/2026 12:51	0	0.00
240	1/7/2026 13:06	0	0.00
255	1/7/2026 13:21	0	0.00
270	1/7/2026 13:36	0	0.00
285	1/7/2026 13:51	0	0.00
300	1/7/2026 14:06	0	0.00
315	1/7/2026 14:21	0	0.00
330	1/7/2026 14:36	0	0.00
345	1/7/2026 14:51	0	0.00
360	1/7/2026 15:06	0	0.00
375	1/7/2026 15:21	0	0.00
390	1/7/2026 15:36	0	0.00
405	1/7/2026 15:51	0	0.00
409	1/7/2026 15:55	0	0.00

DOWNWIND VOC MONITORING DATA - JANUARY 7, 2026			
GX-6000 Data Sample (Interval Trend)			
Property	Value		
Name	iv07080454_135020074RN		
Sampling Date/Time	2026/01/07 08:04:54 to 2026/01/07 14:53:18		
Serial No.	135020074RN		
Data Count	408		
Interval Time (sec)	60		
Gas(FullScale)	Avg	Max	
VOC(6000ppm)	0.0 ppm	0.9 ppm	

No	Date/Time	VOC(6000ppm)	15 Min Average (Calculated)
15	1/7/2026 8:19	0.6	0.33
30	1/7/2026 8:34	0.4	0.51
45	1/7/2026 8:49	0.1	0.22
60	1/7/2026 9:04	0	0.01
75	1/7/2026 9:19	0	0.00
90	1/7/2026 9:34	0	0.00
105	1/7/2026 9:49	0	0.00
120	1/7/2026 10:04	0	0.00
135	1/7/2026 10:19	0	0.00
150	1/7/2026 10:34	0	0.00
165	1/7/2026 10:49	0	0.00
180	1/7/2026 11:04	0	0.00
195	1/7/2026 11:19	0	0.00
210	1/7/2026 11:34	0	0.00
225	1/7/2026 11:49	0	0.00
240	1/7/2026 12:04	0	0.00
255	1/7/2026 12:19	0	0.00
270	1/7/2026 12:34	0	0.00
285	1/7/2026 12:49	0	0.00
300	1/7/2026 13:04	0	0.00
315	1/7/2026 13:19	0	0.00
330	1/7/2026 13:34	0	0.00
345	1/7/2026 13:49	0	0.00
360	1/7/2026 14:04	0	0.00
375	1/7/2026 14:19	0	0.00
390	1/7/2026 14:34	0	0.00
405	1/7/2026 14:49	0	0.00
408	1/7/2026 14:52	0	0.00

UPWIND PARTICULATE MONITORING DATA - February 2, 2026	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530190801
Firmware Version	3.1
Calibration Date	1/8/2026
Test Name	MANUAL_001
Test Start Time	9:08:31 AM
Test Start Date	2/2/2026
Test Length [D:H:M]	0:05:14
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.062
Mass Minimum [mg/m3]	0.046
Mass Maximum [mg/m3]	0.094
Mass TWA [mg/m3]	0.041
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	314

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
900	0.054	0.053
1800	0.07	0.071
2700	0.076	0.067
3600	0.071	0.074
4500	0.073	0.073
5400	0.069	0.072
6300	0.074	0.073
7200	0.069	0.072
8100	0.068	0.068
9000	0.066	0.065
9900	0.065	0.064
10800	0.062	0.063
11700	0.06	0.062
12600	0.057	0.060
13500	0.055	0.056
14400	0.053	0.055
15300	0.053	0.054
16200	0.049	0.052
17100	0.049	0.050
18000	0.048	0.052
18840	0.046	0.047

DOWNWIND PARTICULATE MONITORING DATA - February 2, 2026	
Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530190506
Firmware Version	3.1
Calibration Date	1/2/2026
Test Name	MANUAL_001
Test Start Time	9:09:07 AM
Test Start Date	2/2/2026
Test Length [D:H:M]	0:05:13
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.071
Mass Minimum [mg/m3]	0.055
Mass Maximum [mg/m3]	0.101
Mass TWA [mg/m3]	0.046
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	313

Elapsed Time [s]	Mass [mg/m3]	15 Min Average (Calculated)
900	0.064	0.062
1800	0.073	0.078
2700	0.077	0.074
3600	0.081	0.081
4500	0.08	0.081
5400	0.077	0.080
6300	0.08	0.081
7200	0.077	0.080
8100	0.076	0.077
9000	0.074	0.075
9900	0.075	0.074
10800	0.071	0.072
11700	0.071	0.072
12600	0.067	0.069
13500	0.067	0.066
14400	0.064	0.065
15300	0.063	0.063
16200	0.059	0.061
17100	0.059	0.060
18000	0.056	0.062
18780	0.055	0.056538462

DOWNWIND VOC MONITORING DATA - FEBRUARY 2, 2026	
Unit Name	MiniRAE 3000(PGM-7320)
Unit SN	592-901662
Unit Firmware Ver	V2.20A
Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down
Site ID	RAE00026
User ID	1
Begin	2/2/2026 9:07
End	2/2/2026 14:23
Sample Period(s)	60
Number of Records	315
Sensor	PID(ppm)
Sensor SN	S023030172W9
Measure Type	Min; Avg; Max; Real
Span	100
Span 2	100
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	100
TWA Alarm	50
Measurement Gas	Isobutylene
Calibration Time	1/29/2026 10:43
Peak	0
Min	0
Average	0

No	Date/Time	VOC(6000ppm)	15 Min Average (Calculated)
15	2/2/2026 9:22	0	0.00
30	2/2/2026 9:37	0	0.00
45	2/2/2026 9:52	0	0.00
60	2/2/2026 10:07	0	0.00
75	2/2/2026 10:22	0	0.00
90	2/2/2026 10:37	0	0.00
105	2/2/2026 10:52	0	0.00
120	2/2/2026 11:07	0	0.00
135	2/2/2026 11:22	0	0.00
150	2/2/2026 11:37	0	0.00
165	2/2/2026 11:52	0	0.00

180	2/2/2026 12:07	0	0.00
195	2/2/2026 12:22	0	0.00
210	2/2/2026 12:37	0	0.00
225	2/2/2026 12:52	0	0.00
240	2/2/2026 13:07	0	0.00
255	2/2/2026 13:22	0	0.00
270	2/2/2026 13:37	0	0.00
285	2/2/2026 13:52	0	0.00
300	2/2/2026 14:07	0	0.00
315	2/2/2026 14:22	0	0.00

DOWNWIND VOC MONITORING DATA - FEBRUARY 2, 2026	
Unit Name	MiniRAE 3000 +(PGM-7320)
Unit SN	592-601754
Unit Firmware Ver	V2.22A
Running Mode	Hygiene Mode
Datalog Mode	Auto
Diagnostic Mode	No
Stop Reason	Power Down
Site ID	RAE00000
User ID	USER0000
Begin	2/2/2026 9:08
End	2/2/2026 14:24
Sample Period(s)	60
Number of Records	315
Sensor	PID(ppm)
Sensor SN	S023030510B9
Measure Type	Min; Avg; Max; Real
Span	100
Span 2	1000
Low Alarm	50
High Alarm	100
Over Alarm	15000
STEL Alarm	100
TWA Alarm	50
Measurement Gas	Isobutylene
Calibration Time	1/29/2026 10:26
Peak	0
Min	0
Average	0

No	Date/Time	VOC(6000ppm)	15 Min Average (Calculated)
15	2/2/2026 9:23	0	0.00
30	2/2/2026 9:38	0	0.00
46	2/2/2026 9:54	0	0.00
62	2/2/2026 10:10	0	0.00
78	2/2/2026 10:26	0	0.00
94	2/2/2026 10:42	0	0.00
110	2/2/2026 10:58	0	0.00
126	2/2/2026 11:14	0	0.00
142	2/2/2026 11:30	0	0.00
158	2/2/2026 11:46	0	0.00
174	2/2/2026 12:02	0	0.00

190	2/2/2026 12:18	0	0.00
206	2/2/2026 12:34	0	0.00
222	2/2/2026 12:50	0	0.00
238	2/2/2026 13:06	0	0.00
254	2/2/2026 13:22	0	0.00
270	2/2/2026 13:38	0	0.00
286	2/2/2026 13:54	0	0.00
302	2/2/2026 14:10	0	0.00
315	2/2/2026 14:23	0	0.00

Appendix F – Daily Field Logs

South Buffalo Development
Area E Soil Excavation
Daily Logs

Project: SBD (Area E)	Project Number: Area E Excavation	Client: South Buffalo Development		Staff on site: 5 OSC staff with 1 Inventum staff
Address, City, State 1000 Lee Street, Buffalo NY, Site Area E		Excavation Contractor: OSC	Excavator Type: LB 210 and LB 145 (tamper)	
Logged By: P.Z.	Date: 12/15/2025	Area of Excavation: Area 01 (Day 1), east of batting cage, in location of former monitoring well RFI-31AR. From edge of asphalt (north) to southern limit of approximately 5 to 6-feet from rail line. Area 02, heading east of Area 01.		
CAMPS set up? Y / N Y, Upwind and Downwind	Weather: Snow, 15°F			
Material used for backfill: NYSDEC approved clay and topsoil. Clay for below 2-foot demarcation, topsoil above 2-foot demarcation layer.				
Groundwater encountered? Yes	Groundwater Depth: Minor, between 5 to 15 feet, slight infiltration	Total depth of excavation: 17-feet, Area 01 and 17-feet Area 02		

Work Completed:

Day one of soil excavation for southern boundary of Area E near former RFI-32AR. Excavations will be broken up into 5 smaller areas. Air monitoring set up, upwind and downwind for VOCs (PID) and particulate (DustTrack). Tri-axle dump trucks will be live loaded and take excavated soils to Modern Landfill in Model City, NY under waste profile M25-4018. First trucks arrive at 0730, begin soil excavation. All loads will be manifested and signed by Peter Zaffram of Inventum Engineering as the authorized representative of South Buffalo Development, LLC (SBD LLC.).

- Calibrate PID.
- Screen soils with PID and note any signs of impacts.
- Decommission and remove existing monitoring well RFI-32AR with excavator.
- Top 2-feet of soil consist of topsoil.
- Demarcation fabric observed at approximately 2-feet bgs.
- Soil from approximately 2 to 10-feet bgs consist of sandy clay with stone, with trace signs of fill material like brick, concrete, and wood. Soil is stained gray to black. Medium to strong odors are observed.
- PID readings: 8-feet - 64.1 ppm, 10-feet - 88.3 ppm
- Soil from approximately 10 to 16-feet consist of gray clay, sandy, moist with strong odors and slight sheen.
-PID readings: 12-feet - 111.4 ppm, 15-feet - 123.7 ppm.
- Soil from approximately 17-feet consist of medium dense gray clay, with no odors or signs of impacts.
- PID readings: 17-feet 8.4 ppm.
- Samples collected from bottom (17-feet) and south wall of excavation (15-feet).
-Sample ID: AREA01-BOTTOM-12152025 and AREA01-SW-12152025. Bottom sample is 8.4 ppm and south wall sample is 9.4 ppm.
- Backfill Area 01 and move to Area 02.
- Soil from Area 02 are similar to Area 01.
- PID readings: 8-feet - 28.2 ppm, 10-feet - 37.0 ppm, 12-feet - 121 ppm, 15-feet - 263 ppm, and 17-feet 2.6 ppm.
- Sample taken on North wall of Area 02. Sample ID: AREA02-NW-12152025. Sample collected from approximately 10-feet bgs, PID reading 31.4 ppm.
- Backfill Area 02.

Client Name: SBD	Date: 12/15/2025	Project: Area E Excavation
Photo No. 1 Direction Photo Taken: West Description: Excavation work area.		
Client Name: SBD	Date: 12/15/2025	Project: Area E Excavation
Photo No. 2 Direction Photo Taken: South Description: Area 01 excavation looking south.		

Client Name: SBD	Date: 12/15/2025	Project: Area E Excavation
Photo No. 3 Direction Photo Taken: East Description: Area 01 and Area 02 excavation.		
Client Name: SBD	Date: 12/15/2025	Project: Area E Excavation
Photo No. 4 Direction Photo Taken: East Description: Area 02 excavation being backfilled. Area 01 excavation bottom of photograph.		

South Buffalo Development
Area E Soil Excavation
Daily Logs

Project: SBD (Area E)	Project Number: Area E Excavation	Client: South Buffalo Development		Staff on site: 5 OSC staff with 1 Inventum staff
Address, City, State 1000 Lee Street, Buffalo NY, Site Area E		Excavation Contractor: OSC	Excavator Type: LB 210 and LB 145 (tamper)	
Logged By: P.Z.	Date: 12/16/2025	Area of Excavation: Area 03 (Day 2), east of Area 02, From edge of asphalt (north) to southern limit of approximately 5 to 6-feet from rail line.		
CAMPS set up? Y / N Y, Upwind and Downwind	Weather: Light snow, 20°F			
Material used for backfill: NYSDEC approved clay and topsoil. Clay for below 2-foot demarcation, topsoil above 2-foot demarcation layer.				
Groundwater encountered? Yes	Groundwater Depth: Minor, between 5 to 15 feet, slight infiltration		Total depth of excavation: 14-feet, Area 03	

Work Completed:

Day two of soil excavation for southern boundary of Area E near former RFI-32AR. Air monitoring set up, upwind and downwind for VOCs (PID) and particulate (DustTrack).
- Calibrate PID
- Begin Area 03 soil excavation and live loading trucks.
- Screen soils with PID and note any signs of impacts.
- Top 2-feet of soil consist of topsoil.
- Demarcation fabric observed at approximately 2-feet bgs.
- Soil from approximately 2 to 10-feet bgs consist of sandy clay with stone, with trace signs of fill material like brick, concrete, and wood. Soil is stained gray to black. Medium to strong odors are observed.
- Strong odors at approximately 8-feet
- PID readings: 8-feet - 23.6 ppm, 10-feet - 91.4 ppm
- Soil from approximately 10 to 14-feet consist of gray clay, sandy, moist with strong odors.
-PID readings: 12-feet - 113.5 ppm, 14-feet - 0.3 ppm.
- Excavate to approximately 17-feet to screen soil, no odors or signs of impacts, PID 1.1 ppm.
- Samples collected from bottom (14-feet), south wall of excavation (12-feet), east wall of excavation (11-feet), and north wall (10-feet)
-Sample ID: AREA03-BOTTOM-12162025, AREA03-SW-12162025, AREA03-EW-12162025, and AREA03-NW-12162025. Bottom sample 0.7 ppm, north wall 3.5 ppm, east wall 86.1 and south wall sample is 40.0 ppm.
- Backfill Area 03.

Client Name: SBD	Date:12/16/2025	Project: Area E Excavation
Photo No. 1 Direction Photo Taken: Southeast Description: Area 03 excavation working east.		
Client Name: SBD	Date: 12/16/2025	Project: Area E Excavation
Photo No. 2 Direction Photo Taken: Northeast Description: Area 03 excavation limits.		

South Buffalo Development
Area E Soil Excavation
Daily Logs

Project: SBD (Area E)	Project Number: Area E Excavation	Client: South Buffalo Development		Staff on site: 5 OSC staff with 1 Inventum staff
Address, City, State 1000 Lee Street, Buffalo NY, Site Area E		Excavation Contractor: OSC	Excavator Type: LB 210 and LB 145 (tamper)	
Logged By: P.Z.	Date: 12/17/2025	Area of Excavation: Area 04 (Day 3), west of Area 01, in batting cage area to southern limit of approximately 5 to 6-feet from rail line, pizza wedge shape area to excavate.		
CAMPS set up? Y / N Y, Upwind and Downwind	Weather: Windy, 40ºF			
Material used for backfill: NYSDEC approved clay and topsoil. Clay for below 2-foot demarcation, topsoil above 2-foot demarcation layer.				
Groundwater encountered? Yes	Groundwater Depth: Minor, between 5 to 15 feet, slight infiltration		Total depth of excavation: 15-feet, Area 04	

Work Completed:
Day three of soil excavation for southern boundary of Area E near former RFI-32AR. Air monitoring set up, upwind and downwind for VOCs (PID) and particulate (DustTrack).
- Calibrate PID.
- Begin Area 04 soil excavation and live loading trucks. Area 04 is in the batting cage area
- Screen soils with PID and note any signs of impacts.
- Top 4-feet of soil consist of astro turf (batting cage) and stone with under drain..
- Demarcation fabric observed at approximately 4 to 5-feet bgs.
- Soil from approximately 5 to 10-feet bgs consist of sandy clay with stone, with trace signs of fill material like brick, concrete, and wood. Soil is stained gray to black. Medium to strong odors are observed.
- At approximately 6 to 6.5-feet a clay tile pipe was encountered along the northern limit of the Area 04 excavation. The pipe is 4-inch diameter and brittle. Interior of the pipe was stained black and had very strong odors. Soils from under pipe had PID readings of 800 ppm along the north wall and 770 ppm along the western wall limit. The pipe was removed and soils excavated to 15-feet and disposed of off site.
- Strong odors at approximately 6-feet
 - PID readings: 8-feet - 100 ppm, 10-feet - 30 ppm, 13-feet - 300 ppm, 15-feet - 10.1 ppm
- Soil from approximately 10 to 15-feet consist of gray clay, sandy, and moist.
- Area 04 was fenced off and left open overnight so samples can be collected the following day

South Buffalo Development
Area E Soil Excavation
Daily Logs

Project: SBD (Area E)	Project Number: Area E Excavation	Client: South Buffalo Development		Staff on site: 5 OSC staff with 1 Inventum staff
Address, City, State 1000 Lee Street, Buffalo NY, Site Area E		Excavation Contractor: OSC	Excavator Type: LB 210 and LB 145 (tamper)	
Logged By: P.Z.	Date: 12/18/2025	Area of Excavation: Area 04 (Day 4), west of Area 01, in batting cage area to southern limit of approximately 5 to 6-feet from rail line, pizza wedge shape area to excavate.		
CAMPS set up? Y / N Y, Upwind and Downwind	Weather: Windy, 40ºF			
Material used for backfill: NYSDEC approved clay and topsoil. Clay for below 2-foot demarcation, topsoil above 2-foot demarcation layer.				
Groundwater encountered? Yes	Groundwater Depth: Minor, between 5 to 15 feet, slight infiltration		Total depth of excavation: 15-feet, Area 04	

Work Completed:

- Day four of soil excavation for southern boundary of Area E near former RFI-32AR. Air monitoring set up, upwind and downwind for VOCs (PID) and particulate (DustTrack).
- Calibrate PID.
'- Excavation was left open from previous day, GW and surface melt need to be managed and pumped.
'- Water in excavation was pumped into poly totes.
- Six (6) poly totes, 275 gallons each, were pumped from Area 04. Water was transported to Area A groundwater treatment plant and pumped into treatment plant.
- Continue Area 04 soil excavation and live loading trucks. Area 04 is in the batting cage area
- Screen soils with PID and note any signs of impacts.
- Samples collected from bottom (15-feet), south wall of excavation (11-feet), and west wall of excavation (12-feet).
- Sample ID: AREA04-BOTTOM-12182025, AREA04-SW-12182025, and AREA04-WW-12182025. Bottom sample 17.7 ppm, west wall 0.0. and south wall sample is 30.3 ppm.
- Backfill Area 04 with approved clay source.
- Lay down demarcation fabric and cover with topsoil to grade.

Client Name: SBD	Date:12/17/2025	Project: Area E Excavation
Photo No. 3 Direction Photo Taken: South Description: Area 04 being prepped for excavation. Turf and stone loaded out for disposal.		
Client Name: SBD	Date: 12/17/2025	Project: Area E Excavation
Photo No. 4 Direction Photo Taken: Excavator bucket. Description: 4-inch clay tile pipe discovered in Area 04 excavation.		

Client Name: SBD	Date:12/17/2025	Project: Area E Excavation
Photo No. 5 Direction Photo Taken: Southwest Description: Area 04 excavation.		
Client Name: SBD	Date: 12/17/2025	Project: Area E Excavation
Photo No. 6 Direction Photo Taken: South Description: Area 04 excavation limits.		

Client Name: SBD	Date: 12/19/2025	Project: Area E Excavation
Photo No. 1		
Direction Photo Taken: Southeast		
Description: Backfilled areas for Area E excavation.		

South Buffalo Development
Area E Soil Excavation
Daily Logs

Project: SBD (Area E)	Project Number: Area E Excavation	Client: South Buffalo Development		Staff on site: 5 OSC staff with 1 Inventum staff
Address, City, State 1000 Lee Street, Buffalo NY, Site Area E		Excavation Contractor: OSC	Excavator Type: LB 210 and LB 145 (tamper)	
Logged By: P.Z.	Date: 1/5/2026	Area of Excavation: Area 05 (Day 4), west of Area 04, in batting cage area to southern limit of approximately 5 to 6-feet from rail line. Purpose to investigate 4-inch clay tile pipe discovered in Area 04. Test pits to determine location of pipe.		
CAMPS set up? Y / N Y, Upwind and Downwind	Weather: Windy, 40ºF			
Material used for backfill: NYSDEC approved clay and topsoil. Clay for below 2-foot demarcation, topsoil above 2-foot demarcation layer.				
Groundwater encountered? No	Groundwater Depth:		Total depth of excavation: 6 to 8-feet looking for pipe, Area 05	

Work Completed:

Day four of soil excavation for southern boundary of Area E near former RFI-32AR. Air monitoring set up, upwind and downwind for VOCs (PID) and particulate (DustTrack). Note: CAMP data corrupted upon download.

- Calibrate PID.
- Begin Area 05 test pits to locate remining 4-inch clay pipe discovered in the Area 04 excavation.
- Screen soils with PID and note any signs of impacts.
- Top 4-feet of soil consist of astro turf (batting cage) and stone with under drain.
- Test pit 1, southern boundary along sheet metal wall, southwest corner working east to look for pipe.
- Use GPS shots to locate and map expected area of pipe.
- Excavate to top of pipe elevation, approximately 6 to 6.5-feet bgs

-No pipe was located in southwest corner.

- Backfill test pit and move northeast to locate pipe.
- Test pit northeast corner of Area 05 to try to locate pipe.
- Excavate to 7 to 8-feet along eastern limit and discovered pipe.
- Chase pipe southwest, pipe ended approximately 4 feet heading southwest into Area 05. Continued test pit, SW, no evidence of pipe.
- Pipe location shot with GPS
- Soils were screened around the pipe. PID readings 400 - 500 ppm.
- Trucks could not be scheduled today, so areas were backfilled and will be loaded out tomorrow for disposal.

Client Name: SBD	Date: 1/05/2026	Project: Area E Excavation
Photo No. 1 Direction Photo Taken: East Description: Area 05 excavation to remove remaining 4-inch clay tile pipe and impacted soils.		

Client Name: SBD	Date: 1/05/2026	Project: Area E Excavation
Photo No. 2 Direction Photo Taken: East wall showing 4-inch clay pipe stub. Description: East wall of Area 04 with 4-inch clay tile pipe exposed.		

South Buffalo Development
Area E Soil Excavation
Daily Logs

Project: SBD (Area E)	Project Number: Area E Excavation	Client: South Buffalo Development		Staff on site: 5 OSC staff with 1 Inventum staff
Address, City, State 1000 Lee Street, Buffalo NY, Site Area E		Excavation Contractor: OSC	Excavator Type: LB 210 and LB 145 (tamper)	
Logged By: P.Z.	Date: 1/6/2026	Area of Excavation: Area 05 (Day 5), west of Area 04, in batting cage area to southern limit of approximately 5 to 6-feet from rail line. Purpose to remove additional length of 4-inch clay tile pipe and remove impacted soils with elevated PID readings		
CAMPS set up? Y / N Y, Upwind and Downwind	Weather: Overcast, 40°F			
Material used for backfill: NYSDEC approved clay and topsoil. Clay for below 2-foot demarcation, topsoil above 2-foot demarcation layer.				
Groundwater encountered? No	Groundwater Depth:		Total depth of excavation: 12-feet	

Work Completed:

Day five of soil excavation for southern boundary of Area E near former RFI-32AR. Air monitoring set up, upwind and downwind for VOCs (PID) and particulate (DustTrack).

- Calibrate PID
- Area 05 excavation to remove impacted soils and additional length of 4-inch clay tile pipe.
- Excavation area was determined from test pitting on 1/05/2026, area will be excavated and soils will be loaded out for disposal to Modern Landfill.
- Approximately 3 to 4-feet of 4-inch clay tile pipe was discovered running from the west wall of Area 04 heading west by southwest into Area 05. The pipe was chased and all soils above and below the pipe were loaded out for disposal.
- Soil screening from around the pipe and pipe stub were 200 - 400 ppm, approximately 5 - 6.5-feet bgs
- Excavate the area to approximately 12-feet bgs. Screen soils with PID.
- PID readings: 7-feet - 86.3 ppm, 10-feet - 7.1 ppm, 11-feet - 0.0 ppm, 12-feet - 0.0 ppm.
- Confirmation samples were collected from the west wall (11-feet), north wall (7-feet), south wall (10-feet), and bottom (12-feet of the excavation.
- Sample IDs: AREA05-BOTTOM-01062026, AREA05-WW-01062026, AREA05-SW-01062026, AREA05-NW-01062026
- Odors were observed between 5 - 9-feet deep.
- All soils were loaded into trucks and sent to Modern Landfill for disposal.
- Backfill the area.

Client Name: SBD	Date: 1/06/2026	Project: Area E Excavation
Photo No. 2		
Direction Photo Taken: East.		
Description: Area 05 excavation limits with 4-inch clay pipe removed.		

South Buffalo Development
Area E Soil Excavation
Daily Logs

Project: SBD (Area E)	Project Number: Area E Excavation	Client: South Buffalo Development		Staff on site: 5 OSC staff with 1 Inventum staff
Address, City, State 1000 Lee Street, Buffalo NY, Site Area E		Excavation Contractor: OSC	Excavator Type: LB 210 and LB 145 (tamper)	
Logged By: P.Z.	Date: 1/7/2026	Area of Excavation: Area 05 (Day 6), west of Area 04, in batting cage area to southern limit of approximately 5 to 6-feet from rail line. Final backfill and grading.		
CAMPS set up? Y / N Y, Upwind and Downwind	Weather: overcast, 36°F			
Material used for backfill: NYSDEC approved clay and topsoil. Clay for below 2-foot demarcation, topsoil above 2-foot demarcation layer.				
Groundwater encountered? No	Groundwater Depth:	Total depth of excavation: 12-feet		

Work Completed:
Day six of soil excavation for southern boundary of Area E near former RFI-32AR. Air monitoring set up, upwind and downwind for VOCs (PID) and particulate (DustTrack).
- Area 05 backfill and grading.
- Complete backfill, demarcation placement, topsoil placement and seeding of excavated areas.
- No soils were excavated for disposal.
- Completed backfill and seeding of the are.
- Off site.

South Buffalo Development
Area E Soil Excavation
Daily Logs

Project: SBD (Area E)	Project Number: Area E Excavation/Well installation	Client: South Buffalo Development		Staff on site: 2 OSC staff with 1 Inventum staff, 2 TREC Environmental staff (well install)
Address, City, State 1000 Lee Street, Buffalo NY, Site Area E		Excavation Contractor: OSC Drillers: TREC Environmental	Excavator Type: N/A Skid-Steer Geoprobe	
Logged By: P.Z.	Date: 2/02/2026	Area of Excavation: Area 04 and Area 05. Installation of two (2) monitoring wells in previous excavation area.		
CAMPS set up? Y / N Y, Upwind and Downwind	Weather: Clear, 25°F, heavy snow on ground			
Material used for backfill: Filter sand, bentonite, and grout.				
Groundwater encountered? No	Groundwater Depth: not encountered	Total depth of borings: 16-feet		

Work Completed:
- On site for installation of two (2) monitoring wells in excavation area.
- Set up CAMPS, upwind and downwind.
- TREC Environmental on site with Geoprobe to install wells.
- OSC on site with a skid steer for support
- MW-BCP-02 installed in south west corner of Area 05. New well to represent downgradient flow from excavation area, requested by NYSDEC.
- MW-BCP-02 installed to 16 ftbg. Screened from 6 ftbg to 16 ftbg.
- Soils were screened with a PiD during installation, all readings below 5 ppm. Soils are topsoil from 0 - 2 and clay from 2 - 16 ftbg.
- No soil samples collected.
- Moved to second well location in Area 01,
- Well installed along southern wall/fence line. South of previous location of RFI-32AR.
- MW-BCP-01 installed to 16 ftbg. Soils screened with PiD, all readings below 5 ppm.
- Soils are topsoil from 0 - 2 and clay from 2 - 16 ftbg.
- Well screened from 6 to 16 ftbg.
- No samples collected.
- Well cuttings were drummed, 2 drums total. Drums were moved to Area A.
-Pack up for the day
- Off site.

Appendix G1 – Corrective Measures Excavation Documentation Sample Laboratory Data Reports

Pace Analytical Services

Laboratory Code: 11148

SDG Number: L2580856

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Data Deliverable Revision Narrative
Laboratory SDG: L2580856

June 15, 2026: The Data Package has been amended to include the correct Volatile sequence logs.

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ABNL8 Injected on: 08/29/25 08:14 2327
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Tune Injected on: 08/29/25 15:16 2460
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Tailing Factor Injected on: 08/29/25 15:16 2462
ADPL10 Injected on: 08/29/25 15:37 2464
ADPL9 Injected on: 08/29/25 15:58 2467
ADPL8 Injected on: 08/29/25 16:19 2470
ADPL7 Injected on: 08/29/25 16:40 2473
ADPL6 Injected on: 08/29/25 17:02 2476
ADPL5 Injected on: 08/29/25 17:23 2479
ADPL4 Injected on: 08/29/25 17:44 2482
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ADPL2 Injected on: 08/29/25 18:26 2488
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AP9L8 Injected on: 11/17/25 02:39 2577
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ADPL5 Injected on: 11/17/25 08:21 2638
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ADPL9 Injected on: 12/10/25 01:40 3031
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ADPL7 Injected on: 12/10/25 02:20 3037
ADPL6 Injected on: 12/10/25 02:40 3040
ADPL5 Injected on: 12/10/25 03:00 3043
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Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: AREA E EXCAVATION

Lab Number: L2580856
Report Date: 01/05/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2580856-01	AREA01-SW-12152025	SOIL	140 LEE STREET, BUFFALO	12/15/25 13:00	12/18/25
L2580856-02	AREA01-BOTTOM-12152025	SOIL	140 LEE STREET, BUFFALO	12/15/25 13:10	12/18/25
L2580856-03	AREA02-NW-12152025	SOIL	140 LEE STREET, BUFFALO	12/15/25 14:00	12/18/25
L2580856-04	AREA03-SW-12162025	SOIL	140 LEE STREET, BUFFALO	12/16/25 12:00	12/18/25
L2580856-05	AREA03-NW-12162025	SOIL	140 LEE STREET, BUFFALO	12/16/25 12:10	12/18/25
L2580856-06	AREA03-EW-12162025	SOIL	140 LEE STREET, BUFFALO	12/16/25 13:00	12/18/25
L2580856-07	AREA03-BOTTOM-12162025	SOIL	140 LEE STREET, BUFFALO	12/16/25 14:00	12/18/25
L2580856-08	AREA04-BOTTOM-12182025	SOIL	140 LEE STREET, BUFFALO	12/18/25 10:00	12/18/25
L2580856-09	AREA04-SW-12182025	SOIL	140 LEE STREET, BUFFALO	12/18/25 11:00	12/18/25
L2580856-10	AREA04-WW-12182025	SOIL	140 LEE STREET, BUFFALO	12/18/25 11:25	12/18/25
L2580856-11	NW-PIPE-12182025	SOIL	140 LEE STREET, BUFFALO	12/18/25 13:00	12/18/25
L2580856-12	WW-PIPE-12182025	SOIL	140 LEE STREET, BUFFALO	12/18/25 13:10	12/18/25

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2580856-01, -02, -03, -04, -05, -06, -07, -08, -09, -10, -11, and -12: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

L2580856-05 and -07: The sample was analyzed as a Methanol based upon screen results. The sample was then analyzed as a Straight Soil in order to achieve lower reporting limits. The results of both analyses are reported. Differences were noted between the results of the analyses which have been attributed to sample non-homogeneity.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey Report Date: 01/06/26

Title: Technical Director/Representative

DATA PACKAGE GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: DU Report with 'J' Qualifiers

Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

ND or U - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

TYPICAL INSTRUMENT PARAMETERS

Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 7890 GC/5975C MSD	Columns (length x ID x df):
Trap: Supelco K Trap (VOACARB 3000)	RTX-VMS 20m x 0.18mm x 1um
Concentrator: EST Encon (or equivalent)	RTX-VMS 30m x 0.25mm x 1.4um
Autosampler: EST Centurion (or equivalent)	RTX-502.2 40m x 0.18mm x 1um
Purge time: 11 min	

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)	Column Type: Restek RTX 502.2
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 105 Meters
Concentrator: EST Encon (or equivalent)	df: 3.00 um
Autosampler: EST Centurion (or equivalent)	ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD	Column Type: DB-VRX
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 60 Meters
Concentrator: Tekmar Velocity / EST Encon	df: 1.40 um
Autosampler: Varian Archon / EST Centurion	ID: 0.25 mm
Purge time: 11 min	Desorb: 1 min

Volatile Organics: Dissolved Gas

Instrument: Agilent 7890 (or equivalent) with FID/TCD	
	Column Type: Haysep S Column
	Column Length: 2 Meters packed (100/200 mesh)
Autosampler: LEAP Headspace	Purge time: 0.6 min

Volatile Organics in Air Instruments

Volatile Organics in Air:

Instruments: Agilent 6890 GC / 5975 MSD Shimadzu QP2010-SE / QP2020

Concentrator: Entech 7100A or 7200	Column Type: Restek RTX-1
Autosampler: Entech 7016CA or 7016D	Column Length: 60 Meters
	df: 1.00 um
	ID: 0.25 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material
Trap 2: Tenax: manufacturer-Entech: 20 cm packing material

Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

Instrument: Agilent 5973N MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.32 um
Column Length: 30 Meters	ID: 0.25 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

Instrument: Agilent 5973 MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Pesticides/PCB/Herbicides:

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Petroleum/EPH:

Instrument: Agilent 6890 w/FID / HP 5890 w/ FID	Injection Volume: 1uL
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	

Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 1 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8270):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 2 ul
Column Type: ZB-Semivolatiles	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (8270 SIM):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (1,4-Dioxane):

Instrument: Agilent 5973N / 5975 / 5977 MSD	Injection volume: 3 ul
Column Type: RTX-5	df: 0.25um, 0.18 um
Column Length: 30 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (209 Congener):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (8081):

Instrument: Agilent 6890 / 7890	Injection volume: 1 ul
Column Type: RTX-5 / RTX-CLP II	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8082):

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Semivolatile Organics (SHC Extractables):

Instrument: Agilent 6890	Injection volume: 1 ul
Column Type: RTX-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Sample Delivery Group Summary

Pace Job Number : L2580856
Received : 18-DEC-2025
Reviewer : Kevin Law

Account Name : Inventum Engineering
Project Number : AREA E EXCAVATION
Project Name : SOUTH BUFFALO DEVELOPMENT

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.6	

Condition Information

1) All samples on COC received? **YES**

2) Extra samples received? **NO**

3) Are there any sample container discrepancies? **YES**
L2580856-01B (NYTCL-8260-R2) was received in inappropriate container.
L2580856-02B (NYTCL-8260-R2) was received in inappropriate container.
L2580856-03B (NYTCL-8260-R2) was received in inappropriate container.
L2580856-04B (NYTCL-8260-R2) was received in inappropriate container.
L2580856-05B (NYTCL-8260-R2) was received in inappropriate container.
L2580856-06B (NYTCL-8260-R2) was received in inappropriate container.
L2580856-07B (NYTCL-8260-R2) was received in inappropriate container.
L2580856-08B (NYTCL-8260-R2) was received in inappropriate container.
L2580856-09B (NYTCL-8260-R2) was received in inappropriate container.
L2580856-10B (NYTCL-8260-R2) was received in inappropriate container.
L2580856-11B (NYTCL-8260-R2) was received in inappropriate container.
L2580856-12B (NYTCL-8260-R2) was received in inappropriate container.

4) Are there any discrepancies between COC & sample labels? **NO**

5) Are samples in appropriate containers for requested analysis? **NO**
Please refer to information noted in Question 3 above.

6) Are samples properly preserved for requested analysis? **YES**

7) Are samples within holding time for requested analysis? **YES**

Sample Delivery Group Summary

Pace Job Number : L2580856
Received : 18-DEC-2025
Reviewer : Kevin Law

Account Name : Inventum Engineering
Project Number : AREA E EXCAVATION
Project Name : SOUTH BUFFALO DEVELOPMENT

8) All sampling equipment returned? **NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client? **NO**

PACE ANALYTICAL SERVICES
LOGIN CHAIN OF CUSTODY REPORT
Jun 15 2026, 12:43 pm

Login Number: L2580856
Account: INVENTUM-ENG Inventum EngineeringProject: AREA E EXCAVATION
Received: 18DEC25 Due Date: 05JAN26

Sample #	Client ID	Mat	PR	Collected
L2580856-01	AREA01-SW-12152025	3	S0	15DEC25 13:00
8260/ 8270 - Include TICs 8260/8270: Report List Built ASP-B Package Due Date: 01/05/26				
ASP-B,NYTCL-8260-R2,NYTCL-8270,TS				
L2580856-02	AREA01-BOTTOM-12152025	3	S0	15DEC25 13:10
8260/ 8270 - Include TICs 8260/8270: Report List Built Package Due Date: 01/05/26				
NYTCL-8260-R2,NYTCL-8270,TS				
L2580856-03	AREA02-NW-12152025	3	S0	15DEC25 14:00
8260/ 8270 - Include TICs 8260/8270: Report List Built Package Due Date: 01/05/26				
NYTCL-8260-R2,NYTCL-8270,TS				
L2580856-04	AREA03-SW-12162025	3	S0	16DEC25 12:00
8260/ 8270 - Include TICs 8260/8270: Report List Built Package Due Date: 01/05/26				
NYTCL-8260-R2,NYTCL-8270,TS				
L2580856-05	AREA03-NW-12162025	3	S0	16DEC25 12:10
8260/ 8270 - Include TICs 8260/8270: Report List Built Package Due Date: 01/05/26				
NYTCL-8260-R2,NYTCL-8270,TS				
L2580856-06	AREA03-EW-12162025	3	S0	16DEC25 13:00
8260/ 8270 - Include TICs 8260/8270: Report List Built Package Due Date: 01/05/26				
NYTCL-8260-R2,NYTCL-8270,TS				
L2580856-07	AREA03-BOTTOM-12162025	3	S0	16DEC25 14:00
8260/ 8270 - Include TICs 8260/8270: Report List Built Package Due Date: 01/05/26				

PACE ANALYTICAL SERVICES
LOGIN CHAIN OF CUSTODY REPORT
Jun 15 2026, 12:43 pm

Login Number: L2580856
Account: INVENTUM-ENG Inventum EngineeringProject: AREA E EXCAVATION
Received: 18DEC25 Due Date: 05JAN26

Sample #	Client ID	Mat	PR	Collected
NYTCL-8260-R2,NYTCL-8270,TS				
L2580856-08	AREA04-BOTTOM-12182025	3	S0	18DEC25 10:00
8260/ 8270 - Include TICs 8260/8270: Report List Built Package Due Date: 01/05/26				
NYTCL-8260-R2,NYTCL-8270,TS				
L2580856-09	AREA04-SW-12182025	3	S0	18DEC25 11:00
8260/ 8270 - Include TICs 8260/8270: Report List Built Package Due Date: 01/05/26				
NYTCL-8260-R2,NYTCL-8270,TS				
L2580856-10	AREA04-WW-12182025	3	S0	18DEC25 11:25
8260/ 8270 - Include TICs 8260/8270: Report List Built Package Due Date: 01/05/26				
NYTCL-8260-R2,NYTCL-8270,TS				
L2580856-11	NW-PIPE-12182025	3	S0	18DEC25 13:00
8260/ 8270 - Include TICs 8260/8270: Report List Built Package Due Date: 01/05/26				
NYTCL-8260-R2,NYTCL-8270,TS				
L2580856-12	WW-PIPE-12182025	3	S0	18DEC25 13:10
8260/ 8270 - Include TICs 8260/8270: Report List Built Package Due Date: 01/05/26				
NYTCL-8260-R2,NYTCL-8270,TS				

Logged By: Riley Frankian

NEW YORK CHAIN OF CUSTODY

Pace ANALYTICAL SERVICES

Westborough, MA 01581 — 8 Walkup Dr. — TEL: 508-898-9220 — FAX: 508-898-9193

Mansfield, MA 02048 — 320 Forbes Blvd — TEL: 508-822-9300 — FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 12.19.25

Pace Job #: L1580856

Client Information

Client: INVENTOM ENG
Address: 441 CARLISLE DRIVE HERNDON VA.
Phone: 716-553-5129
Fax:
Email: Peter.Zaffarano@inventumeng.com

Project Information

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Location: 140 LEE STREET, BUFFALO
Project # AREA E EXCAVATION
(Use Project name as Project #) ☐
Project Manager: TODD WALDROP
PACE Quote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:
PLEASE REPORT NYTCL PLUS LIST.

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYTCL 8260 +TICs VOC	NYTCL 8270 +TICs SVOC	TICs	Total Bottle	Sample Specific Comments
01 80856	AREA01-SW-12152025	12/15/25	1300	SOIL	DZ	X	X	X		
02	AREA01-BOTTOM-12152025	12/15/25	1310	SOIL	DZ	X	X	X		
03	AREA02-NW-12152025	12/15/25	1400	SOIL	DZ	X	X	X		
04	AREA03-SW-12162025	12/16/25	1200	SOIL	DZ	X	X	X		
05	AREA03-NW-12162025	12/16/25	1210	SOIL	DZ	X	X	X		
06	AREA03-EW-12162025	12/16/25	1300	SOIL	DZ	X	X	X		
07	AREA03-BOTTOM-12162025	12/16/25	1400	SOIL	DZ	X	X	X		
08	AREA04-BOTTOM-12182025	12/18/25	1000	SOIL	DZ	X	X	X		
09	AREA04-SW-12182025	12/18/25	1100	SOIL	DZ	X	X	X		
10	AREA04-WW-12182025	12/18/25	1125	SOIL	DZ	X	X	X		
					Container Type	A	A	B		
					Preservative	A	A	A		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	12/18/25 1445	Pace	12-18-25 1445
Pace	12-18-25 1450	Buffalo Stc	12-18-25 1450
BSC	12.18 1535	Romulus/Pace	12.18 1535
Romulus/Pace	12.18 1900		12/19 100
	12/19 400		12/19 0400

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

NEW YORK CHAIN OF CUSTODY

Pace ANALYTICAL SERVICES

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 12/19/25

Pace Job #: L2580856

Client Information

Client: IMEAM ENGINEERING
Address: 441 CARLISLE DR C.
HERNDON VA
Phone: 716-553-5729
Fax:
Email: Peter.Zaffora@Invenmeng.com

Project Information

Project Name: SOUTH BUFFALO DEVELOPMENT
Project Location: 140 LEE STREET, BUFFALO
Project #: AREA E - EXCAVATION
(Use Project name as Project #): ☐
Project Manager: TODD WALDROP
PACE Quote #:

Turn-Around Time

Standard: ☒ Due Date:
Rush (only if pre approved): ☐ # of Days:

Deliverables

☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Regulatory Requirement

☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☒ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:

PLEASE REPORT NYCL PCOS LIST

Please specify Metals or TAL.

ANALYSIS

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	NYCL 8260 + TICs VOCs	NYCL 8270 + TICs SVOCs	PCB							Sample Specific Comments
30856 11	NW-PIPE-12182025	12/18/25	1300	SOIL	DB	X	X	X							
12	WW-PIPE-12182025	12/18/25	1310	SOIL	DB	X	X	X							

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

Container Type	A	A	P									
Preservative	A	A	A									

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	12/18/25 1445	Pace	12-18-25 14:45
Pace	12-18-25 1450	Buffalo B/C	12-18-25 1450
BSC	12-18 1535	Romeonnad/pm	12-18 1535
Romeonnad/pm	12-18 1900		12/19 100
	12/19 400		12/19 0400

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

Organics

GC/MS 8260
Analysis

Volatiles QC Summary

Surrogate Recovery Summary
Form 2
Volatiles

Client: Inventum Engineering
Project Name: SOUTH BUFFALO DEVELOPMENT

Lab Number: L2580856
Project Number: AREA E EXCAVATION
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
AREA01-SW-12152025 (L2580856-01D)	103	95	100	103	0
AREA01-SW-12152025 (L2580856-01)	103	94	99	101	0
AREA01-BOTTOM-12152025 (L2580856-02)	101	97	102	106	0
AREA02-NW-12152025 (L2580856-03)	101	95	98	102	0
AREA03-SW-12162025 (L2580856-04D2)	88	104	99	90	0
AREA03-SW-12162025 (L2580856-04D)	101	93	98	102	0
AREA03-NW-12162025 (L2580856-05)	108	95	98	105	0
AREA03-NW-12162025 (L2580856-05)	109	94	106	107	0
AREA03-EW-12162025 (L2580856-06D2)	88	104	103	89	0
AREA03-EW-12162025 (L2580856-06D)	101	93	98	103	0
AREA03-BOTTOM-12162025 (L2580856-07)	107	95	99	105	0
AREA03-BOTTOM-12162025 (L2580856-07)	89	104	107	94	0
AREA04-BOTTOM-12182025 (L2580856-08)	105	94	98	103	0
AREA04-SW-12182025 (L2580856-09)	106	94	99	105	0
AREA04-WW-12182025 (L2580856-10)	107	93	101	105	0
NW-PIPE-12182025 (L2580856-11D)	104	93	98	102	0
NW-PIPE-12182025 (L2580856-11D2)	100	90	90	98	0
WW-PIPE-12182025 (L2580856-12D)	103	92	98	103	0
WW-PIPE-12182025 (L2580856-12D2)	106	93	100	105	0
WG2159676-3LCS	101	97	95	102	0
WG2159676-4LCSD	100	96	100	102	0
WG2159676-5BLANK	106	94	98	104	0
WG2159678-3LCS	101	97	95	102	0
WG2159678-4LCSD	100	96	100	102	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

*** Values outside of QC limits**

FORM II NYTCL-8260-R2

Surrogate Recovery Summary
Form 2
Volatiles

Client: Inventum Engineering
Project Name: SOUTH BUFFALO DEVELOPMENT

Lab Number: L2580856
Project Number: AREA E EXCAVATION
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
WG2159678-5BLANK	106	94	98	104	0
WG2159734-3LCS	83	109	111	92	0
WG2159734-4LCSD	83	106	109	90	0
WG2159734-5BLANK	87	104	105	92	0
WG2160213-3LCS	83	109	111	92	0
WG2160213-4LCSD	83	106	109	90	0
WG2160213-5BLANK	87	104	105	92	0
WG2160756-3LCS	110	96	94	106	0
WG2160756-4LCSD	106	96	93	104	0
WG2160756-5BLANK	111	100	94	104	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

*** Values outside of QC limits**

FORM II NYTCL-8260-R2

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2159676-3 **Analysis Date** : 12/28/25 15:43	**File ID**	: V00251228A01
LCSD Sample ID	: WG2159676-4 **Analysis Date** : 12/28/25 16:09	**File ID**	: V00251228A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	40	42	105	40	42	104	1	70-130	30
1,1-Dichloroethane	40	44	110	40	43	108	2	70-130	30
Chloroform	40	43	107	40	43	107	0	70-130	30
Carbon tetrachloride	40	42	104	40	41	104	0	70-130	30
1,2-Dichloropropane	40	45	113	40	45	112	1	70-130	30
Dibromochloromethane	40	38	96	40	39	98	2	70-130	30
1,1,2-Trichloroethane	40	39	98	40	40	99	1	70-130	30
Tetrachloroethene	40	38	95	40	39	97	2	70-130	30
Chlorobenzene	40	39	97	40	39	99	2	70-130	30
Trichlorofluoromethane	40	42	105	40	43	108	3	70-139	30
1,2-Dichloroethane	40	44	110	40	44	110	0	70-130	30
1,1,1-Trichloroethane	40	45	112	40	44	109	3	70-130	30
Bromodichloromethane	40	44	110	40	45	111	1	70-130	30
trans-1,3-Dichloropropene	40	40	99	40	41	101	2	70-130	30
cis-1,3-Dichloropropene	40	45	113	40	45	114	1	70-130	30
Bromoform	40	36	90	40	37	92	2	70-130	30
1,1,2,2-Tetrachloroethane	40	37	93	40	38	96	3	70-130	30
Benzene	40	45	112	40	45	112	0	70-130	30
Toluene	40	39	97	40	39	98	1	70-130	30
Ethylbenzene	40	39	97	40	39	99	2	70-130	30
Chloromethane	40	45	113	40	43	107	5	52-130	30
Bromomethane	40	56	141	40	55	138	2	57-147	30
Vinyl chloride	40	46	116	40	45	112	4	67-130	30
Chloroethane	40	48	119	40	47	116	3	50-151	30
1,1-Dichloroethene	40	42	105	40	42	104	1	65-135	30
trans-1,2-Dichloroethene	40	43	106	40	42	106	0	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2159676-3 **Analysis Date** : 12/28/25 15:43	**File ID**	: V00251228A01
LCSD Sample ID	: WG2159676-4 **Analysis Date** : 12/28/25 16:09	**File ID**	: V00251228A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	40	45	112	40	45	113	1	70-130	30
1,2-Dichlorobenzene	40	38	95	40	39	98	3	70-130	30
1,3-Dichlorobenzene	40	38	95	40	40	99	4	70-130	30
1,4-Dichlorobenzene	40	38	95	40	40	99	4	70-130	30
Methyl tert butyl ether	40	44	110	40	44	109	1	66-130	30
p/m-Xylene	80	78	98	80	80	100	2	70-130	30
o-Xylene	80	78	97	80	79	99	2	70-130	30
cis-1,2-Dichloroethene	40	43	107	40	42	106	1	70-130	30
Styrene	80	79	99	80	81	101	2	70-130	30
Dichlorodifluoromethane	40	36	89	40	36	89	0	30-146	30
Acetone	40	41	102	40	37	93	9	54-140	30
Carbon disulfide	40	40	99	40	39	96	3	59-130	30
2-Butanone	40	41	101	40	41	101	0	70-130	30
4-Methyl-2-pentanone	40	40	99	40	39	97	2	70-130	30
2-Hexanone	40	38	95	40	37	93	2	70-130	30
1,2-Dibromoethane	40	39	97	40	39	98	1	70-130	30
n-Butylbenzene	40	40	101	40	42	104	3	70-130	30
sec-Butylbenzene	40	39	96	40	40	100	4	70-130	30
tert-Butylbenzene	40	37	94	40	39	97	3	70-130	30
1,2-Dibromo-3-chloropropane	40	35	88	40	36	90	2	68-130	30
Isopropylbenzene	40	38	95	40	39	99	4	70-130	30
p-Isopropyltoluene	40	39	97	40	40	100	3	70-130	30
Naphthalene	40	37	93	40	38	95	2	70-130	30
n-Propylbenzene	40	38	95	40	40	100	5	70-130	30
1,2,4-Trichlorobenzene	40	39	97	40	40	100	3	70-130	30
1,3,5-Trimethylbenzene	40	38	95	40	40	100	5	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2159676-3 **Analysis Date** : 12/28/25 15:43	**File ID**	: V00251228A01
LCSD Sample ID	: WG2159676-4 **Analysis Date** : 12/28/25 16:09	**File ID**	: V00251228A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
1,2,4-Trimethylbenzene	40	38	96	40	40	100	4	70-130	30
Methyl Acetate	40	42	104	40	41	101	3	51-146	30
Cyclohexane	40	46	114	40	45	112	2	59-142	30
Freon-113	40	43	107	40	42	106	1	50-139	30
Methyl cyclohexane	40	44	111	40	44	111	0	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2159678-3 **Analysis Date** : 12/28/25 15:43	**File ID**	: V00251228A01
LCSD Sample ID	: WG2159678-4 **Analysis Date** : 12/28/25 16:09	**File ID**	: V00251228A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	2000	2100	105	2000	2100	104	1	70-130	30
1,1-Dichloroethane	2000	2200	110	2000	2200	108	2	70-130	30
Chloroform	2000	2200	107	2000	2100	107	0	70-130	30
Carbon tetrachloride	2000	2100	104	2000	2100	104	0	70-130	30
1,2-Dichloropropane	2000	2300	113	2000	2200	112	1	70-130	30
Dibromochloromethane	2000	1900	96	2000	2000	98	2	70-130	30
1,1,2-Trichloroethane	2000	2000	98	2000	2000	99	1	70-130	30
Tetrachloroethene	2000	1900	95	2000	1900	97	2	70-130	30
Chlorobenzene	2000	1900	97	2000	2000	99	2	70-130	30
Trichlorofluoromethane	2000	2100	105	2000	2200	108	3	70-139	30
1,2-Dichloroethane	2000	2200	110	2000	2200	110	0	70-130	30
1,1,1-Trichloroethane	2000	2200	112	2000	2200	109	3	70-130	30
Bromodichloromethane	2000	2200	110	2000	2200	111	1	70-130	30
trans-1,3-Dichloropropene	2000	2000	99	2000	2000	101	2	70-130	30
cis-1,3-Dichloropropene	2000	2300	113	2000	2300	114	1	70-130	30
Bromoform	2000	1800	90	2000	1800	92	2	70-130	30
1,1,2,2-Tetrachloroethane	2000	1900	93	2000	1900	96	3	70-130	30
Benzene	2000	2300	112	2000	2200	112	0	70-130	30
Toluene	2000	2000	97	2000	2000	98	1	70-130	30
Ethylbenzene	2000	2000	97	2000	2000	99	2	70-130	30
Chloromethane	2000	2300	113	2000	2100	107	5	52-130	30
Bromomethane	2000	2800	141	2000	2800	138	2	57-147	30
Vinyl chloride	2000	2300	116	2000	2200	112	4	67-130	30
Chloroethane	2000	2400	119	2000	2300	116	3	50-151	30
1,1-Dichloroethene	2000	2100	105	2000	2100	104	1	65-135	30
trans-1,2-Dichloroethene	2000	2100	106	2000	2100	106	0	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2159678-3 **Analysis Date** : 12/28/25 15:43	**File ID**	: V00251228A01
LCSD Sample ID	: WG2159678-4 **Analysis Date** : 12/28/25 16:09	**File ID**	: V00251228A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	2000	2200	112	2000	2300	113	1	70-130	30
1,2-Dichlorobenzene	2000	1900	95	2000	2000	98	3	70-130	30
1,3-Dichlorobenzene	2000	1900	95	2000	2000	99	4	70-130	30
1,4-Dichlorobenzene	2000	1900	95	2000	2000	99	4	70-130	30
Methyl tert butyl ether	2000	2200	110	2000	2200	109	1	66-130	30
p/m-Xylene	4000	3900	98	4000	4000	100	2	70-130	30
o-Xylene	4000	3900	97	4000	4000	99	2	70-130	30
cis-1,2-Dichloroethene	2000	2100	107	2000	2100	106	1	70-130	30
Styrene	4000	4000	99	4000	4000	101	2	70-130	30
Dichlorodifluoromethane	2000	1800	89	2000	1800	89	0	30-146	30
Acetone	2000	2000	102	2000	1900	93	9	54-140	30
Carbon disulfide	2000	2000	99	2000	1900	96	3	59-130	30
2-Butanone	2000	2000	101	2000	2000	101	0	70-130	30
4-Methyl-2-pentanone	2000	2000	99	2000	1900	97	2	70-130	30
2-Hexanone	2000	1900	95	2000	1900	93	2	70-130	30
1,2-Dibromoethane	2000	1900	97	2000	2000	98	1	70-130	30
n-Butylbenzene	2000	2000	101	2000	2100	104	3	70-130	30
sec-Butylbenzene	2000	1900	96	2000	2000	100	4	70-130	30
tert-Butylbenzene	2000	1900	94	2000	1900	97	3	70-130	30
1,2-Dibromo-3-chloropropane	2000	1800	88	2000	1800	90	2	68-130	30
Isopropylbenzene	2000	1900	95	2000	2000	99	4	70-130	30
p-Isopropyltoluene	2000	1900	97	2000	2000	100	3	70-130	30
Naphthalene	2000	1900	93	2000	1900	95	2	70-130	30
n-Propylbenzene	2000	1900	95	2000	2000	100	5	70-130	30
1,2,4-Trichlorobenzene	2000	1900	97	2000	2000	100	3	70-130	30
1,3,5-Trimethylbenzene	2000	1900	95	2000	2000	100	5	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2159678-3 **Analysis Date** : 12/28/25 15:43	**File ID**	: V00251228A01
LCSD Sample ID	: WG2159678-4 **Analysis Date** : 12/28/25 16:09	**File ID**	: V00251228A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
1,2,4-Trimethylbenzene	2000	1900	96	2000	2000	100	4	70-130	30
Methyl Acetate	2000	2100	104	2000	2000	101	3	51-146	30
Cyclohexane	2000	2300	114	2000	2300	112	2	59-142	30
Freon-113	2000	2100	107	2000	2100	106	1	50-139	30
Methyl cyclohexane	2000	2200	111	2000	2200	111	0	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2159734-3 **Analysis Date** : 12/29/25 05:17	**File ID**	: V04251229A01
LCSD Sample ID	: WG2159734-4 **Analysis Date** : 12/29/25 05:44	**File ID**	: V04251229A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	40	41	103	40	39	97	6	70-130	30
1,1-Dichloroethane	40	40	100	40	39	97	3	70-130	30
Chloroform	40	41	102	40	41	102	0	70-130	30
Carbon tetrachloride	40	39	98	40	39	98	0	70-130	30
1,2-Dichloropropane	40	37	93	40	39	97	4	70-130	30
Dibromochloromethane	40	38	96	40	39	97	1	70-130	30
1,1,2-Trichloroethane	40	40	100	40	41	102	2	70-130	30
Tetrachloroethene	40	44	111	40	45	111	0	70-130	30
Chlorobenzene	40	43	108	40	44	110	2	70-130	30
Trichlorofluoromethane	40	43	108	40	40	99	9	70-139	30
1,2-Dichloroethane	40	33	82	40	34	84	2	70-130	30
1,1,1-Trichloroethane	40	42	104	40	42	104	0	70-130	30
Bromodichloromethane	40	38	96	40	40	100	4	70-130	30
trans-1,3-Dichloropropene	40	44	110	40	44	110	0	70-130	30
cis-1,3-Dichloropropene	40	42	105	40	44	109	4	70-130	30
Bromoform	40	38	96	40	39	96	0	70-130	30
1,1,2,2-Tetrachloroethane	40	43	107	40	43	106	1	70-130	30
Benzene	40	43	107	40	44	109	2	70-130	30
Toluene	40	44	110	40	44	110	0	70-130	30
Ethylbenzene	40	47	117	40	48	119	2	70-130	30
Chloromethane	40	36	91	40	32	80	13	52-130	30
Bromomethane	40	53	133	40	46	116	14	57-147	30
Vinyl chloride	40	40	100	40	35	88	13	67-130	30
Chloroethane	40	39	97	40	36	90	7	50-151	30
1,1-Dichloroethene	40	48	119	40	44	111	7	65-135	30
trans-1,2-Dichloroethene	40	45	113	40	43	108	5	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2159734-3 **Analysis Date** : 12/29/25 05:17	**File ID**	: V04251229A01
LCSD Sample ID	: WG2159734-4 **Analysis Date** : 12/29/25 05:44	**File ID**	: V04251229A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	40	45	112	40	46	116	4	70-130	30
1,2-Dichlorobenzene	40	42	104	40	43	107	3	70-130	30
1,3-Dichlorobenzene	40	44	109	40	44	110	1	70-130	30
1,4-Dichlorobenzene	40	42	106	40	43	108	2	70-130	30
Methyl tert butyl ether	40	42	105	40	40	101	4	66-130	30
p/m-Xylene	80	92	115	80	93	116	1	70-130	30
o-Xylene	80	88	110	80	90	112	2	70-130	30
cis-1,2-Dichloroethene	40	41	103	40	41	102	1	70-130	30
Styrene	80	86	107	80	88	110	3	70-130	30
Dichlorodifluoromethane	40	33	82	40	29	73	12	30-146	30
Acetone	40	24	59	40	25	61	3	54-140	30
Carbon disulfide	40	46	115	40	42	106	8	59-130	30
2-Butanone	40	28	71	40	31	78	9	70-130	30
4-Methyl-2-pentanone	40	39	97	40	39	97	0	70-130	30
2-Hexanone	40	35	87	40	33	82	6	70-130	30
1,2-Dibromoethane	40	43	107	40	44	109	2	70-130	30
n-Butylbenzene	40	52	129	40	53	131 Q	2	70-130	30
sec-Butylbenzene	40	49	122	40	49	123	1	70-130	30
tert-Butylbenzene	40	45	113	40	46	114	1	70-130	30
1,2-Dibromo-3-chloropropane	40	39	96	40	38	96	0	68-130	30
Isopropylbenzene	40	48	119	40	48	119	0	70-130	30
p-Isopropyltoluene	40	47	117	40	47	118	1	70-130	30
Naphthalene	40	43	106	40	44	111	5	70-130	30
n-Propylbenzene	40	51	127	40	51	128	1	70-130	30
1,2,4-Trichlorobenzene	40	48	120	40	49	123	2	70-130	30
1,3,5-Trimethylbenzene	40	47	118	40	47	118	0	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2159734-3 **Analysis Date** : 12/29/25 05:17	**File ID**	: V04251229A01
LCSD Sample ID	: WG2159734-4 **Analysis Date** : 12/29/25 05:44	**File ID**	: V04251229A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
1,2,4-Trimethylbenzene	40	46	114	40	46	116	2	70-130	30
Methyl Acetate	40	36	91	40	34	85	7	51-146	30
Cyclohexane	40	41	101	40	40	100	1	59-142	30
Freon-113	40	49	122	40	46	114	7	50-139	30
Methyl cyclohexane	40	46	115	40	47	117	2	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2160213-3 **Analysis Date** : 12/29/25 05:17	**File ID**	: V04251229A01
LCSD Sample ID	: WG2160213-4 **Analysis Date** : 12/29/25 05:44	**File ID**	: V04251229A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	2000	2100	103	2000	1900	97	6	70-130	30
1,1-Dichloroethane	2000	2000	100	2000	2000	97	3	70-130	30
Chloroform	2000	2100	102	2000	2000	102	0	70-130	30
Carbon tetrachloride	2000	2000	98	2000	2000	98	0	70-130	30
1,2-Dichloropropane	2000	1900	93	2000	1900	97	4	70-130	30
Dibromochloromethane	2000	1900	96	2000	1900	97	1	70-130	30
1,1,2-Trichloroethane	2000	2000	100	2000	2000	102	2	70-130	30
Tetrachloroethene	2000	2200	111	2000	2200	111	0	70-130	30
Chlorobenzene	2000	2200	108	2000	2200	110	2	70-130	30
Trichlorofluoromethane	2000	2200	108	2000	2000	99	9	70-139	30
1,2-Dichloroethane	2000	1700	82	2000	1700	84	2	70-130	30
1,1,1-Trichloroethane	2000	2100	104	2000	2100	104	0	70-130	30
Bromodichloromethane	2000	1900	96	2000	2000	100	4	70-130	30
trans-1,3-Dichloropropene	2000	2200	110	2000	2200	110	0	70-130	30
cis-1,3-Dichloropropene	2000	2100	105	2000	2200	109	4	70-130	30
Bromoform	2000	1900	96	2000	1900	96	0	70-130	30
1,1,2,2-Tetrachloroethane	2000	2100	107	2000	2100	106	1	70-130	30
Benzene	2000	2200	107	2000	2200	109	2	70-130	30
Toluene	2000	2200	110	2000	2200	110	0	70-130	30
Ethylbenzene	2000	2400	117	2000	2400	119	2	70-130	30
Chloromethane	2000	1800	91	2000	1600	80	13	52-130	30
Bromomethane	2000	2700	133	2000	2300	116	14	57-147	30
Vinyl chloride	2000	2000	100	2000	1800	88	13	67-130	30
Chloroethane	2000	1900	97	2000	1800	90	7	50-151	30
1,1-Dichloroethene	2000	2400	119	2000	2200	111	7	65-135	30
trans-1,2-Dichloroethene	2000	2300	113	2000	2200	108	5	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2160213-3 **Analysis Date** : 12/29/25 05:17	**File ID**	: V04251229A01
LCSD Sample ID	: WG2160213-4 **Analysis Date** : 12/29/25 05:44	**File ID**	: V04251229A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	2000	2200	112	2000	2300	116	4	70-130	30
1,2-Dichlorobenzene	2000	2100	104	2000	2100	107	3	70-130	30
1,3-Dichlorobenzene	2000	2200	109	2000	2200	110	1	70-130	30
1,4-Dichlorobenzene	2000	2100	106	2000	2200	108	2	70-130	30
Methyl tert butyl ether	2000	2100	105	2000	2000	101	4	66-130	30
p/m-Xylene	4000	4600	115	4000	4600	116	1	70-130	30
o-Xylene	4000	4400	110	4000	4500	112	2	70-130	30
cis-1,2-Dichloroethene	2000	2100	103	2000	2000	102	1	70-130	30
Styrene	4000	4300	107	4000	4400	110	3	70-130	30
Dichlorodifluoromethane	2000	1600	82	2000	1500	73	12	30-146	30
Acetone	2000	1200	59	2000	1200	61	3	54-140	30
Carbon disulfide	2000	2300	115	2000	2100	106	8	59-130	30
2-Butanone	2000	1400	71	2000	1600	78	9	70-130	30
4-Methyl-2-pentanone	2000	1900	97	2000	1900	97	0	70-130	30
2-Hexanone	2000	1700	87	2000	1600	82	6	70-130	30
1,2-Dibromoethane	2000	2100	107	2000	2200	109	2	70-130	30
n-Butylbenzene	2000	2600	129	2000	2600	131 Q	2	70-130	30
sec-Butylbenzene	2000	2500	122	2000	2500	123	1	70-130	30
tert-Butylbenzene	2000	2300	113	2000	2300	114	1	70-130	30
1,2-Dibromo-3-chloropropane	2000	1900	96	2000	1900	96	0	68-130	30
Isopropylbenzene	2000	2400	119	2000	2400	119	0	70-130	30
p-Isopropyltoluene	2000	2400	117	2000	2400	118	1	70-130	30
Naphthalene	2000	2100	106	2000	2200	111	5	70-130	30
n-Propylbenzene	2000	2500	127	2000	2600	128	1	70-130	30
1,2,4-Trichlorobenzene	2000	2400	120	2000	2500	123	2	70-130	30
1,3,5-Trimethylbenzene	2000	2400	118	2000	2400	118	0	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2160213-3 **Analysis Date** : 12/29/25 05:17	**File ID**	: V04251229A01
LCSD Sample ID	: WG2160213-4 **Analysis Date** : 12/29/25 05:44	**File ID**	: V04251229A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
1,2,4-Trimethylbenzene	2000	2300	114	2000	2300	116	2	70-130	30
Methyl Acetate	2000	1800	91	2000	1700	85	7	51-146	30
Cyclohexane	2000	2000	101	2000	2000	100	1	59-142	30
Freon-113	2000	2400	122	2000	2300	114	7	50-139	30
Methyl cyclohexane	2000	2300	115	2000	2300	117	2	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2160756-3 **Analysis Date** : 12/31/25 06:52	**File ID**	: V23251231A01
LCSD Sample ID	: WG2160756-4 **Analysis Date** : 12/31/25 07:18	**File ID**	: V23251231A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	2000	2000	99	2000	1900	97	2	70-130	30
1,1-Dichloroethane	2000	2200	112	2000	2200	108	4	70-130	30
Chloroform	2000	1900	92	2000	1800	90	2	70-130	30
Carbon tetrachloride	2000	2300	115	2000	2300	114	1	70-130	30
1,2-Dichloropropane	2000	2100	107	2000	2100	103	4	70-130	30
Dibromochloromethane	2000	2200	109	2000	2200	108	1	70-130	30
1,1,2-Trichloroethane	2000	2000	98	2000	1900	95	3	70-130	30
Tetrachloroethene	2000	2300	112	2000	2200	110	2	70-130	30
Chlorobenzene	2000	2000	99	2000	2000	98	1	70-130	30
Trichlorofluoromethane	2000	1900	94	2000	1900	94	0	70-139	30
1,2-Dichloroethane	2000	2300	115	2000	2200	112	3	70-130	30
1,1,1-Trichloroethane	2000	2400	120	2000	2300	116	3	70-130	30
Bromodichloromethane	2000	2200	109	2000	2100	107	2	70-130	30
trans-1,3-Dichloropropene	2000	2100	106	2000	2000	102	4	70-130	30
cis-1,3-Dichloropropene	2000	2100	106	2000	2100	106	0	70-130	30
Bromoform	2000	2000	100	2000	2000	100	0	70-130	30
1,1,2,2-Tetrachloroethane	2000	1800	90	2000	1800	91	1	70-130	30
Benzene	2000	2100	104	2000	2000	102	2	70-130	30
Toluene	2000	2000	98	2000	1900	96	2	70-130	30
Ethylbenzene	2000	2000	98	2000	1900	96	2	70-130	30
Chloromethane	2000	2100	104	2000	2000	100	4	52-130	30
Bromomethane	2000	1900	94	2000	1800	89	5	57-147	30
Vinyl chloride	2000	1500	77	2000	1500	76	1	67-130	30
Chloroethane	2000	1400	68	2000	1300	67	1	50-151	30
1,1-Dichloroethene	2000	2000	102	2000	2000	98	4	65-135	30
trans-1,2-Dichloroethene	2000	2100	105	2000	2000	100	5	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2160756-3 **Analysis Date** : 12/31/25 06:52	**File ID**	: V23251231A01
LCSD Sample ID	: WG2160756-4 **Analysis Date** : 12/31/25 07:18	**File ID**	: V23251231A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	2000	2200	108	2000	2100	105	3	70-130	30
1,2-Dichlorobenzene	2000	1900	97	2000	1900	97	0	70-130	30
1,3-Dichlorobenzene	2000	1900	97	2000	1900	97	0	70-130	30
1,4-Dichlorobenzene	2000	1900	95	2000	1900	94	1	70-130	30
Methyl tert butyl ether	2000	2200	108	2000	2100	105	3	66-130	30
p/m-Xylene	4000	4000	100	4000	3900	97	3	70-130	30
o-Xylene	4000	3900	97	4000	3800	95	2	70-130	30
cis-1,2-Dichloroethene	2000	2000	101	2000	2000	99	2	70-130	30
Styrene	4000	3800	95	4000	3700	93	2	70-130	30
Dichlorodifluoromethane	2000	1800	90	2000	1700	86	5	30-146	30
Acetone	2000	3000	151 Q	2000	2700	133	13	54-140	30
Carbon disulfide	2000	1900	94	2000	1900	94	0	59-130	30
2-Butanone	2000	2000	102	2000	1900	95	7	70-130	30
4-Methyl-2-pentanone	2000	2100	106	2000	2100	103	3	70-130	30
2-Hexanone	2000	1800	89	2000	1700	86	3	70-130	30
1,2-Dibromoethane	2000	2100	104	2000	2000	102	2	70-130	30
n-Butylbenzene	2000	2000	99	2000	2000	99	0	70-130	30
sec-Butylbenzene	2000	1900	94	2000	1900	95	1	70-130	30
tert-Butylbenzene	2000	1900	96	2000	1900	97	1	70-130	30
1,2-Dibromo-3-chloropropane	2000	2000	98	2000	1900	97	1	68-130	30
Isopropylbenzene	2000	1900	97	2000	1900	96	1	70-130	30
p-Isopropyltoluene	2000	1900	96	2000	1900	97	1	70-130	30
Naphthalene	2000	1900	95	2000	1900	96	1	70-130	30
n-Propylbenzene	2000	1900	94	2000	1900	95	1	70-130	30
1,2,4-Trichlorobenzene	2000	2100	107	2000	2100	107	0	70-130	30
1,3,5-Trimethylbenzene	2000	1900	95	2000	1900	96	1	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2160756-3 **Analysis Date** : 12/31/25 06:52	**File ID**	: V23251231A01
LCSD Sample ID	: WG2160756-4 **Analysis Date** : 12/31/25 07:18	**File ID**	: V23251231A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
1,2,4-Trimethylbenzene	2000	1900	95	2000	1900	96	1	70-130	30
Methyl Acetate	2000	2600	130	2000	2400	121	7	51-146	30
Cyclohexane	2000	2300	117	2000	2300	114	3	59-142	30
Freon-113	2000	2200	108	2000	2100	106	2	50-139	30
Methyl cyclohexane	2000	2000	102	2000	2000	100	2	70-130	30

Method Blank Summary
Form 4
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab Sample ID	: WG2159678-5	**Lab File ID**	: V00251228A05
Instrument ID	: VOA100		
Matrix	: SOIL	**Analysis Date**	: 12/28/25 17:27

Client Sample No.	Lab Sample ID	Analysis Date
WG2159678-3LCS	WG2159678-3	12/28/25 15:43
WG2159678-4LCSD	WG2159678-4	12/28/25 16:09
AREA01-SW-12152025	L2580856-01	12/28/25 18:45
AREA01-SW-12152025	L2580856-01D	12/28/25 19:11
AREA02-NW-12152025	L2580856-03	12/28/25 19:37
AREA03-SW-12162025	L2580856-04D	12/28/25 20:03
AREA03-NW-12162025	L2580856-05	12/28/25 21:21
AREA03-EW-12162025	L2580856-06D	12/28/25 21:47
AREA03-BOTTOM-12162025	L2580856-07	12/28/25 22:40
AREA04-BOTTOM-12182025	L2580856-08	12/28/25 23:05
AREA04-SW-12182025	L2580856-09	12/28/25 23:32
NW-PIPE-12182025	L2580856-11D	12/28/25 23:58
WW-PIPE-12182025	L2580856-12D	12/29/25 00:49
WW-PIPE-12182025	L2580856-12D2	12/29/25 01:15

Method Blank Summary
Form 4
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab Sample ID	: WG2159676-5	**Lab File ID**	: V00251228A05
Instrument ID	: VOA100		
Matrix	: SOIL	**Analysis Date**	: 12/28/25 17:27

Client Sample No.	Lab Sample ID	Analysis Date
WG2159676-3LCS	WG2159676-3	12/28/25 15:43
WG2159676-4LCSD	WG2159676-4	12/28/25 16:09
AREA01-BOTTOM-12152025	L2580856-02	12/28/25 17:53
AREA04-WW-12182025	L2580856-10	12/28/25 18:19
AREA03-NW-12162025	L2580856-05	12/28/25 20:55

Method Blank Summary
Form 4
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab Sample ID	: WG2159734-5	**Lab File ID**	: V04251229A05
Instrument ID	: VOA104		
Matrix	: SOIL	**Analysis Date**	: 12/29/25 07:03

Client Sample No.	Lab Sample ID	Analysis Date
WG2159734-3LCS	WG2159734-3	12/29/25 05:17
WG2159734-4LCSD	WG2159734-4	12/29/25 05:44
AREA03-BOTTOM-12162025	L2580856-07	12/29/25 15:55

Method Blank Summary
Form 4
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab Sample ID	: WG2160213-5	**Lab File ID**	: V04251229A05
Instrument ID	: VOA104		
Matrix	: SOIL	**Analysis Date**	: 12/29/25 07:03

Client Sample No.	Lab Sample ID	Analysis Date
WG2160213-3LCS	WG2160213-3	12/29/25 05:17
WG2160213-4LCSD	WG2160213-4	12/29/25 05:44
AREA03-SW-12162025	L2580856-04D2	12/29/25 16:21
AREA03-EW-12162025	L2580856-06D2	12/29/25 16:48

Method Blank Summary
Form 4
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab Sample ID	: WG2160756-5	**Lab File ID**	: V23251231A05
Instrument ID	: VOA123		
Matrix	: SOIL	**Analysis Date**	: 12/31/25 08:36

Client Sample No.	Lab Sample ID	Analysis Date
WG2160756-3LCS	WG2160756-3	12/31/25 06:52
WG2160756-4LCSD	WG2160756-4	12/31/25 07:18
NW-PIPE-12182025	L2580856-11D2	12/31/25 12:33

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: VOA123	**Analysis Date**	: 11/03/25 18:36
Tune Standard	: WG2136903-1	**Tune File ID**	: V23251103BFB6_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	19.7
75	30.0 - 80.0% of mass 95	49.6
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.3 (.4)1
174	Greater than 50.0% of mass 95	86.5
175	5.0 - 9.0% of mass 174	6.5 (7.5)1
176	Greater than 95.0% but less than 101% of mass	84.3 (97.4)1
177	5.0 - 9.0% of mass 176	5.5 (6.5)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.5PPB	R2031568-1	V23251103N04	11/03/25 20:17
STD1PPB	R2031568-2	V23251103N05	11/03/25 20:43
STD2PPB	R2031568-3	V23251103N07	11/03/25 21:35
STD4PPB	R2031568-4	V23251103N08	11/03/25 22:01
STD20PPB	R2031568-5	V23251103N09	11/03/25 22:27
STD40PPB	R2031568-6	V23251103N10	11/03/25 22:53
STD100PPB	R2031568-7	V23251103N11	11/03/25 23:19
STD200PPB	R2031568-8	V23251103N12	11/03/25 23:45
STD300PPB	R2031568-9	V23251103N13	11/04/25 00:11
ICV Quant Report	R2031568-10	V23251103N16	11/04/25 01:29

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: VOA123	**Analysis Date**	: 12/31/25 06:30
Tune Standard	: WG2160756-1	**Tune File ID**	: V23251231AFB2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	21.9
75	30.0 - 80.0% of mass 95	54.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.9
173	Less than 2.0% of mass 174	0.5 (.6)1
174	Greater than 50.0% of mass 95	93.8
175	5.0 - 9.0% of mass 174	6.2 (6.7)1
176	Greater than 95.0% but less than 101% of mass	91.5 (97.6)1
177	5.0 - 9.0% of mass 176	7.1 (7.7)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2160756-2CCAL	WG2160756-2	V23251231A01	12/31/25 06:52
WG2160756-3LCS	WG2160756-3	V23251231A01	12/31/25 06:52
WG2160756-4LCSD	WG2160756-4	V23251231A02	12/31/25 07:18
WG2160756-5BLANK	WG2160756-5	V23251231A05	12/31/25 08:36
NW-PIPE-12182025	L2580856-11D2	V23251231A13	12/31/25 12:33

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: VOA104	**Analysis Date**	: 11/19/25 17:45
Tune Standard	: WG2144251-1	**Tune File ID**	: V04251119BFB6_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	19.2
75	30.0 - 80.0% of mass 95	46.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.3 (.3)1
174	Greater than 50.0% of mass 95	89.3
175	5.0 - 9.0% of mass 174	6.3 (7)1
176	Greater than 95.0% but less than 101% of mass	86.1 (96.4)1
177	5.0 - 9.0% of mass 176	5.7 (6.7)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.5PPB	R2038595-1	V04251119A02	11/19/25 18:33
STD1.0PPB	R2038595-2	V04251119A04	11/19/25 19:25
STD2.0PPB	R2038595-3	V04251119A06	11/19/25 20:18
STD4.0PPB	R2038595-4	V04251119A08	11/19/25 21:10
STD20PPB	R2038595-5	V04251119A09	11/19/25 21:36
STD40PPB	R2038595-7	V04251119A10	11/19/25 22:03
STD100PPB	R2038595-6	V04251119A11	11/19/25 22:29
STD200PPB	R2038595-8	V04251119A12	11/19/25 22:55
STD300PPB	R2038595-9	V04251119A13	11/19/25 23:21
ICV Quant Report	R2038595-10	V04251119A17	11/20/25 01:06

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: VOA104	**Analysis Date**	: 12/29/25 04:56
Tune Standard	: WG2159734-1	**Tune File ID**	: V04251229BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	15.4
75	30.0 - 80.0% of mass 95	46
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.8 (.9)1
174	Greater than 50.0% of mass 95	87.6
175	5.0 - 9.0% of mass 174	6.3 (7.2)1
176	Greater than 95.0% but less than 101% of mass	85.3 (97.4)1
177	5.0 - 9.0% of mass 176	5.6 (6.5)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2159734-2CCAL	WG2159734-2	V04251229A01	12/29/25 05:17
WG2159734-3LCS	WG2159734-3	V04251229A01	12/29/25 05:17
WG2159734-4LCSD	WG2159734-4	V04251229A02	12/29/25 05:44
WG2159734-5BLANK	WG2159734-5	V04251229A05	12/29/25 07:03
AREA03-BOTTOM-12162025	L2580856-07	V04251229A23	12/29/25 15:55

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: VOA104	**Analysis Date**	: 12/29/25 04:56
Tune Standard	: WG2160213-1	**Tune File ID**	: V04251229BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	15.4
75	30.0 - 80.0% of mass 95	46
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.8 (.9)1
174	Greater than 50.0% of mass 95	87.6
175	5.0 - 9.0% of mass 174	6.3 (7.2)1
176	Greater than 95.0% but less than 101% of mass	85.3 (97.4)1
177	5.0 - 9.0% of mass 176	5.6 (6.5)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2160213-2CCAL	WG2160213-2	V04251229A01	12/29/25 05:17
WG2160213-3LCS	WG2160213-3	V04251229A01	12/29/25 05:17
WG2160213-4LCSD	WG2160213-4	V04251229A02	12/29/25 05:44
WG2160213-5BLANK	WG2160213-5	V04251229A05	12/29/25 07:03
AREA03-SW-12162025	L2580856-04D2	V04251229A24	12/29/25 16:21
AREA03-EW-12162025	L2580856-06D2	V04251229A25	12/29/25 16:48

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: VOA100	**Analysis Date**	: 12/23/25 14:49
Tune Standard	: WG2158227-1	**Tune File ID**	: V00251223BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance	
50	15.0 - 40.0% of mass 95	19.8	
75	30.0 - 80.0% of mass 95	49.6	
95	Base Peak, 100% relative abundance	100	
96	5.0 - 9.0% of mass 95	6.9	
173	Less than 2.0% of mass 174	0.7	(.8)1
174	Greater than 50.0% of mass 95	88	
175	5.0 - 9.0% of mass 174	6.9	(7.8)1
176	Greater than 95.0% but less than 101% of mass	85	(96.6)1
177	5.0 - 9.0% of mass 176	5.6	(6.6)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.5PPB	R2051824-1	V00251223A03	12/23/25 16:03
STD1PPB	R2051824-2	V00251223A05	12/23/25 16:55
STD2PPB	R2051824-3	V00251223A07	12/23/25 17:48
STD4PPB	R2051824-4	V00251223A08	12/23/25 18:14
STD20PPB	R2051824-5	V00251223A09	12/23/25 18:40
STD40PPB	R2051824-6	V00251223A10	12/23/25 19:06
STD100PPB	R2051824-7	V00251223A11	12/23/25 19:32
STD200PPB	R2051824-8	V00251223A12	12/23/25 19:58
STD300PPB	R2051824-10	V00251223A13	12/23/25 20:24
ICV Quant Report	R2051824-9	V00251223A18	12/23/25 22:35

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: VOA100	**Analysis Date**	: 12/28/25 15:15
Tune Standard	: WG2159676-1	**Tune File ID**	: V00251228BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	21.7
75	30.0 - 80.0% of mass 95	51.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.6 (.7)1
174	Greater than 50.0% of mass 95	87
175	5.0 - 9.0% of mass 174	6.7 (7.8)1
176	Greater than 95.0% but less than 101% of mass	85.2 (97.9)1
177	5.0 - 9.0% of mass 176	5.6 (6.6)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2159676-2CCAL	WG2159676-2	V00251228A01	12/28/25 15:43
WG2159676-3LCS	WG2159676-3	V00251228A01	12/28/25 15:43
WG2159676-4LCSD	WG2159676-4	V00251228A02	12/28/25 16:09
WG2159676-5BLANK	WG2159676-5	V00251228A05	12/28/25 17:27
AREA01-BOTTOM-12152025	L2580856-02	V00251228A06	12/28/25 17:53
AREA04-WW-12182025	L2580856-10	V00251228A07	12/28/25 18:19
AREA03-NW-12162025	L2580856-05	V00251228A13	12/28/25 20:55

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: VOA100	**Analysis Date**	: 12/28/25 15:15
Tune Standard	: WG2159678-1	**Tune File ID**	: V00251228BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	21.7
75	30.0 - 80.0% of mass 95	51.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.6 (.7)1
174	Greater than 50.0% of mass 95	87
175	5.0 - 9.0% of mass 174	6.7 (7.8)1
176	Greater than 95.0% but less than 101% of mass	85.2 (97.9)1
177	5.0 - 9.0% of mass 176	5.6 (6.6)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2159678-2CCAL	WG2159678-2	V00251228A01	12/28/25 15:43
WG2159678-3LCS	WG2159678-3	V00251228A01	12/28/25 15:43
WG2159678-4LCSD	WG2159678-4	V00251228A02	12/28/25 16:09
WG2159678-5BLANK	WG2159678-5	V00251228A05	12/28/25 17:27
AREA01-SW-12152025	L2580856-01	V00251228A08	12/28/25 18:45
AREA01-SW-12152025	L2580856-01D	V00251228A09	12/28/25 19:11
AREA02-NW-12152025	L2580856-03	V00251228A10	12/28/25 19:37
AREA03-SW-12162025	L2580856-04D	V00251228A11	12/28/25 20:03
AREA03-NW-12162025	L2580856-05	V00251228A14	12/28/25 21:21
AREA03-EW-12162025	L2580856-06D	V00251228A15	12/28/25 21:47
AREA03-BOTTOM-12162025	L2580856-07	V00251228A17	12/28/25 22:40
AREA04-BOTTOM-12182025	L2580856-08	V00251228A18	12/28/25 23:05
AREA04-SW-12182025	L2580856-09	V00251228A19	12/28/25 23:32
NW-PIPE-12182025	L2580856-11D	V00251228A20	12/28/25 23:58
WW-PIPE-12182025	L2580856-12D	V00251228A22	12/29/25 00:49
WW-PIPE-12182025	L2580856-12D2	V00251228A23	12/29/25 01:15

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: VOA100	**Analysis Date**	: 12/28/25 15:43:00
Sample No	: WG2159676-2	**Lab File ID**	: V00251228A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2159676-2	159908	6.23	142938	9.80	85973	12.47
Upper Limit	319816	6.73	285876	10.30	171946	12.97
Lower Limit	79954	5.73	71469	9.30	42987	11.97
Sample ID						
WG2159676-3 LCS	159908	6.23	142938	9.80	85973	12.47
WG2159676-4 LCSD	156739	6.23	139103	9.79	82408	12.46
WG2159676-5 BLANK	149711	6.23	134288	9.79	83041	12.46
AREA01-BOTTOM-12152025	145734	6.23	127885	9.79	73036	12.46
AREA04-WW-12182025	152417	6.23	140105	9.79	82056	12.46
AREA03-NW-12162025	139810	6.23	129279	9.79	70099	12.46

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: VOA100	**Analysis Date**	: 12/28/25 15:43:00
Sample No	: WG2159678-2	**Lab File ID**	: V00251228A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2159678-2	159908	6.23	142938	9.80	85973	12.47
Upper Limit	319816	6.73	285876	10.30	171946	12.97
Lower Limit	79954	5.73	71469	9.30	42987	11.97
Sample ID						
WG2159678-3 LCS	159908	6.23	142938	9.80	85973	12.47
WG2159678-4 LCSD	156739	6.23	139103	9.79	82408	12.46
WG2159678-5 BLANK	149711	6.23	134288	9.79	83041	12.46
AREA01-SW-12152025	154975	6.22	140857	9.79	82478	12.46
AREA01-SW-12152025	148329	6.23	134320	9.79	79811	12.46
AREA02-NW-12152025	145856	6.23	129866	9.79	78146	12.46
AREA03-SW-12162025	149174	6.23	137310	9.79	82004	12.46
AREA03-NW-12162025	140585	6.23	127680	9.79	78031	12.46
AREA03-EW-12162025	145522	6.23	134604	9.79	78253	12.46
AREA03-BOTTOM-12162025	135671	6.23	124632	9.79	75427	12.46
AREA04-BOTTOM-12182025	139468	6.23	127156	9.79	77722	12.46
AREA04-SW-12182025	139977	6.23	129057	9.79	77636	12.46
NW-PIPE-12182025	145126	6.23	135833	9.79	81543	12.46
WW-PIPE-12182025	142926	6.23	136748	9.79	80010	12.46
WW-PIPE-12182025	137770	6.23	129364	9.79	76457	12.46

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: VOA104	**Analysis Date**	: 12/29/25 05:17:00
Sample No	: WG2159734-2	**Lab File ID**	: V04251229A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2159734-2	369388	5.38	254827	8.83	126132	11.67
Upper Limit	738776	5.88	509654	9.33	252264	12.17
Lower Limit	184694	4.88	127414	8.33	63066	11.17
Sample ID						
WG2159734-3 LCS	369388	5.38	254827	8.83	126132	11.67
WG2159734-4 LCSD	340651	5.38	246160	8.84	124182	11.67
WG2159734-5 BLANK	360908	5.38	260796	8.84	145287	11.67
AREA03-BOTTOM-12162025	358490	5.38	255785	8.83	122053	11.67

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: VOA104	**Analysis Date**	: 12/29/25 05:17:00
Sample No	: WG2160213-2	**Lab File ID**	: V04251229A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2160213-2	369388	5.38	254827	8.83	126132	11.67
Upper Limit	738776	5.88	509654	9.33	252264	12.17
Lower Limit	184694	4.88	127414	8.33	63066	11.17
Sample ID						
WG2160213-3 LCS	369388	5.38	254827	8.83	126132	11.67
WG2160213-4 LCSD	340651	5.38	246160	8.84	124182	11.67
WG2160213-5 BLANK	360908	5.38	260796	8.84	145287	11.67
AREA03-SW-12162025	367773	5.38	260595	8.83	131193	11.67
AREA03-EW-12162025	356548	5.38	250651	8.83	123401	11.67

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: VOA123	**Analysis Date**	: 12/31/25 06:52:00
Sample No	: WG2160756-2	**Lab File ID**	: V23251231A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2160756-2	133028	5.52	99393	8.99	56524	11.80
Upper Limit	266056	6.02	198786	9.49	113048	12.30
Lower Limit	66514	5.02	49697	8.49	28262	11.30
Sample ID						
WG2160756-3 LCS	133028	5.52	99393	8.99	56524	11.80
WG2160756-4 LCSD	132040	5.52	99244	8.99	56314	11.80
WG2160756-5 BLANK	126974	5.52	87884	9.00	47714	11.81
NW-PIPE-12182025	168128	5.52	128049	8.99	71767	11.80

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Date Created: 04/17/25
Created By: Jason Hebert
File: PM19302-1
Page: 1

Volatile Organics - EPA 8260D (WATER)

Holding Time: 14 days
Container/Sample Preservation: 3 - Vial HCl preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Methylene chloride	75-09-2	3	0.678	ug/l	70-130	20	70-130	20	20			
1,1-Dichloroethane	75-34-3	0.75	0.21	ug/l	70-130	20	70-130	20	20			
Chloroform	67-66-3	0.75	0.222	ug/l	70-130	20	70-130	20	20			
Carbon tetrachloride	56-23-5	0.5	0.134	ug/l	63-132	20	63-132	20	20			
1,2-Dichloropropane	78-87-5	1.75	0.137	ug/l	70-130	20	70-130	20	20			
Dibromochloromethane	124-48-1	0.5	0.149	ug/l	63-130	20	63-130	20	20			
1,1,2-Trichloroethane	79-00-5	0.75	0.144	ug/l	70-130	20	70-130	20	20			
Tetrachloroethene	127-18-4	0.5	0.181	ug/l	70-130	20	70-130	20	20			
Chlorobenzene	108-90-7	0.5	0.178	ug/l	75-130	25	75-130	25	25			
Trichlorofluoromethane	75-69-4	2.5	0.161	ug/l	62-150	20	62-150	20	20			
1,2-Dichloroethane	107-06-2	0.5	0.132	ug/l	70-130	20	70-130	20	20			
1,1,1-Trichloroethane	71-55-6	0.5	0.158	ug/l	67-130	20	67-130	20	20			
Bromodichloromethane	75-27-4	0.5	0.192	ug/l	67-130	20	67-130	20	20			
trans-1,3-Dichloropropene	10061-02-6	0.5	0.164	ug/l	70-130	20	70-130	20	20			
cis-1,3-Dichloropropene	10061-01-5	0.5	0.144	ug/l	70-130	20	70-130	20	20			
1,3-Dichloropropene, Total	542-75-6	0.5	0.144	ug/l				20	20			
1,1-Dichloropropene	563-58-6	2.5	0.24	ug/l	70-130	20	70-130	20	20			
Bromoform	75-25-2	2	0.248	ug/l	54-136	20	54-136	20	20			
1,1,2,2-Tetrachloroethane	79-34-5	0.5	0.167	ug/l	67-130	20	67-130	20	20			
Benzene	71-43-2	0.5	0.159	ug/l	70-130	25	70-130	25	25			
Toluene	108-88-3	0.75	0.203	ug/l	70-130	25	70-130	25	25			
Ethylbenzene	100-41-4	0.5	0.167	ug/l	70-130	20	70-130	20	20			
Chloromethane	74-87-3	2.5	0.2	ug/l	64-130	20	64-130	20	20			
Bromomethane	74-83-9	1	0.256	ug/l	39-139	20	39-139	20	20			
Vinyl chloride	75-01-4	1	0.0714	ug/l	55-140	20	55-140	20	20			
Chloroethane	75-00-3	1	0.134	ug/l	55-138	20	55-138	20	20			
1,1-Dichloroethene	75-35-4	0.5	0.169	ug/l	61-145	25	61-145	25	25			
trans-1,2-Dichloroethene	156-60-5	0.75	0.163	ug/l	70-130	20	70-130	20	20			
1,2-Dichloroethene (total)	540-59-0	0.5	0.163	ug/l				20	20			
Trichloroethene	79-01-6	0.5	0.175	ug/l	70-130	25	70-130	25	25			
1,2-Dichlorobenzene	95-50-1	2.5	0.184	ug/l	70-130	20	70-130	20	20			
1,3-Dichlorobenzene	541-73-1	2.5	0.186	ug/l	70-130	20	70-130	20	20			
1,4-Dichlorobenzene	106-46-7	2.5	0.187	ug/l	70-130	20	70-130	20	20			
Methyl tert butyl ether	1634-04-4	1	0.166	ug/l	63-130	20	63-130	20	20			
p/m-Xylene	179601-23-1	1	0.332	ug/l	70-130	20	70-130	20	20			
o-Xylene	95-47-6	1	0.392	ug/l	70-130	20	70-130	20	20			
Xylene (Total)	1330-20-7	1	0.33	ug/l				20	20			
cis-1,2-Dichloroethene	156-59-2	0.5	0.187	ug/l	70-130	20	70-130	20	20			
Dibromomethane	74-95-3	5	0.363	ug/l	70-130	20	70-130	20	20			
1,4-Dichlorobutane	110-56-5	5	0.464	ug/l	70-130	20	70-130	20	20			
1,2,3-Trichloropropane	96-18-4	5	0.176	ug/l	64-130	20	64-130	20	20			
Styrene	100-42-5	1	0.359	ug/l	70-130	20	70-130	20	20			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Volatile Organics - EPA 8260D (WATER)

Holding Time: 14 days
Container/Sample Preservation: 3 - Vial HCl preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Dichlorodifluoromethane	75-71-8	5	0.244	ug/l	36-147	20	36-147	20	20			
Acetone	67-64-1	5	1.46	ug/l	58-148	20	58-148	20	20			
Carbon disulfide	75-15-0	5	0.299	ug/l	51-130	20	51-130	20	20			
2-Butanone	78-93-3	5	1.94	ug/l	63-138	20	63-138	20	20			
Vinyl acetate	108-05-4	5	0.311	ug/l	70-130	20	70-130	20	20			
4-Methyl-2-pentanone	108-10-1	5	0.416	ug/l	59-130	20	59-130	20	20			
2-Hexanone	591-78-6	5	0.515	ug/l	57-130	20	57-130	20	20			
Ethyl methacrylate	97-63-2	5	0.606	ug/l	70-130	20	70-130	20	20			
Acrylonitrile	107-13-1	5	0.43	ug/l	70-130	20	70-130	20	20			
Bromochloromethane	74-97-5	2.5	0.152	ug/l	70-130	20	70-130	20	20			
Tetrahydrofuran	109-99-9	5	0.525	ug/l	58-130	20	58-130	20	20			
2,2-Dichloropropane	594-20-7	2.5	0.204	ug/l	63-133	20	63-133	20	20			
1,2-Dibromoethane	106-93-4	2	0.193	ug/l	70-130	20	70-130	20	20			
1,3-Dichloropropane	142-28-9	2.5	0.212	ug/l	70-130	20	70-130	20	20			
1,1,1,2-Tetrachloroethane	630-20-6	0.5	0.164	ug/l	64-130	20	64-130	20	20			
Bromobenzene	108-86-1	2.5	0.152	ug/l	70-130	20	70-130	20	20			
n-Butylbenzene	104-51-8	0.5	0.192	ug/l	53-136	20	53-136	20	20			
sec-Butylbenzene	135-98-8	0.5	0.181	ug/l	70-130	20	70-130	20	20			
tert-Butylbenzene	98-06-6	2.5	0.196	ug/l	70-130	20	70-130	20	20			
o-Chlorotoluene	95-49-8	2.5	0.215	ug/l	70-130	20	70-130	20	20			
p-Chlorotoluene	106-43-4	2.5	0.185	ug/l	70-130	20	70-130	20	20			
1,2-Dibromo-3-chloropropane	96-12-8	2.5	0.353	ug/l	41-144	20	41-144	20	20			
Hexachlorobutadiene	87-68-3	0.5	0.217	ug/l	63-130	20	63-130	20	20			
Isopropylbenzene	98-82-8	0.5	0.187	ug/l	70-130	20	70-130	20	20			
p-Isopropyltoluene	99-87-6	0.5	0.188	ug/l	70-130	20	70-130	20	20			
Naphthalene	91-20-3	2.5	0.216	ug/l	70-130	20	70-130	20	20			
n-Propylbenzene	103-65-1	0.5	0.173	ug/l	69-130	20	69-130	20	20			
1,2,3-Trichlorobenzene	87-61-6	2.5	0.234	ug/l	70-130	20	70-130	20	20			
1,2,4-Trichlorobenzene	120-82-1	2.5	0.22	ug/l	70-130	20	70-130	20	20			
1,3,5-Trimethylbenzene	108-67-8	2.5	0.217	ug/l	64-130	20	64-130	20	20			
1,2,4-Trimethylbenzene	95-63-6	2.5	0.191	ug/l	70-130	20	70-130	20	20			
trans-1,4-Dichloro-2-butene	110-57-6	2.5	0.213	ug/l	70-130	20	70-130	20	20			
Ethyl ether	60-29-7	2.5	0.163	ug/l	59-134	20	59-134	20	20			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
4-Bromofluorobenzene	*460-00-4*									*70-130*		
Dibromofluoromethane	*1868-53-7*									*70-130*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Volatiles Sample Data

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-01	Date Collected	: 12/15/25 13:00
Client ID	: AREA01-SW-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 18:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A08	Instrument ID	: VOA100
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 75
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	410	190	U
75-34-3	1,1-Dichloroethane	ND	82	12.	U
67-66-3	Chloroform	14	120	12.	J
56-23-5	Carbon tetrachloride	ND	82	19.	U
78-87-5	1,2-Dichloropropane	ND	82	10.	U
124-48-1	Dibromochloromethane	ND	82	12.	U
79-00-5	1,1,2-Trichloroethane	ND	82	22.	U
127-18-4	Tetrachloroethene	ND	41	16.	U
108-90-7	Chlorobenzene	31000	41	10.	E
75-69-4	Trichlorofluoromethane	ND	330	57.	U
107-06-2	1,2-Dichloroethane	ND	82	21.	U
71-55-6	1,1,1-Trichloroethane	ND	41	14.	U
75-27-4	Bromodichloromethane	ND	41	9.0	U
10061-02-6	trans-1,3-Dichloropropene	ND	82	22.	U
10061-01-5	cis-1,3-Dichloropropene	ND	41	13.	U
75-25-2	Bromoform	ND	330	20.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	41	14.	U
71-43-2	Benzene	ND	41	14.	U
108-88-3	Toluene	ND	82	45.	U
100-41-4	Ethylbenzene	ND	82	12.	U
74-87-3	Chloromethane	ND	330	77.	U
74-83-9	Bromomethane	ND	160	48.	U
75-01-4	Vinyl chloride	ND	82	28.	U
75-00-3	Chloroethane	ND	160	37.	U
75-35-4	1,1-Dichloroethene	ND	82	20.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-01	Date Collected	: 12/15/25 13:00
Client ID	: AREA01-SW-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 18:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A08	Instrument ID	: VOA100
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 75
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	120	11.	U
79-01-6	Trichloroethene	ND	41	11.	U
95-50-1	1,2-Dichlorobenzene	ND	160	12.	U
541-73-1	1,3-Dichlorobenzene	ND	160	12.	U
106-46-7	1,4-Dichlorobenzene	ND	160	14.	U
1634-04-4	Methyl tert butyl ether	ND	160	16.	U
179601-23-1	p/m-Xylene	ND	160	46.	U
95-47-6	o-Xylene	ND	82	24.	U
156-59-2	cis-1,2-Dichloroethene	ND	82	14.	U
100-42-5	Styrene	ND	82	16.	U
75-71-8	Dichlorodifluoromethane	ND	820	75.	U
67-64-1	Acetone	ND	820	400	U
75-15-0	Carbon disulfide	ND	820	370	U
78-93-3	2-Butanone	ND	820	180	U
108-10-1	4-Methyl-2-pentanone	ND	820	100	U
591-78-6	2-Hexanone	ND	820	97.	U
106-93-4	1,2-Dibromoethane	ND	82	23.	U
104-51-8	n-Butylbenzene	ND	82	14.	U
135-98-8	sec-Butylbenzene	ND	82	12.	U
98-06-6	tert-Butylbenzene	ND	160	9.7	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	82.	U
98-82-8	Isopropylbenzene	ND	82	9.0	U
99-87-6	p-Isopropyltoluene	ND	82	9.0	U
91-20-3	Naphthalene	ND	330	54.	U
103-65-1	n-Propylbenzene	ND	82	14.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-01	Date Collected	: 12/15/25 13:00
Client ID	: AREA01-SW-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 18:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A08	Instrument ID	: VOA100
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 75
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	160	22.	U
108-67-8	1,3,5-Trimethylbenzene	ND	160	16.	U
95-63-6	1,2,4-Trimethylbenzene	ND	160	28.	U
79-20-9	Methyl Acetate	ND	330	78.	U
110-82-7	Cyclohexane	ND	820	45.	U
76-13-1	Freon-113	ND	330	57.	U
108-87-2	Methyl cyclohexane	ND	330	50.	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-01	**Date Collected**	: 12/15/25 13:00
Client ID	: AREA01-SW-12152025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/28/25 18:45
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V00251228A08	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 75
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-01D	**Date Collected**	: 12/15/25 13:00
Client ID	: AREA01-SW-12152025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/28/25 19:11
Sample Matrix	: SOIL	**Dilution Factor**	: 5
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V00251228A09	**Instrument ID**	: VOA100
Sample Amount	: 5.1 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: 75
Extract Volume (MeOH)	: 5 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
108-90-7	Chlorobenzene	32000	210	52.	

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-02	Date Collected	: 12/15/25 13:10
Client ID	: AREA01-BOTTOM-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 17:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A06	Instrument ID	: VOA100
Sample Amount	: 6.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 75
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	19	0.50	0.13	
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.55	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.94	U
74-83-9	Bromomethane	ND	2.0	0.59	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.46	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-02	Date Collected	: 12/15/25 13:10
Client ID	: AREA01-BOTTOM-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 17:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A06	Instrument ID	: VOA100
Sample Amount	: 6.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 75
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.66	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-02	Date Collected	: 12/15/25 13:10
Client ID	: AREA01-BOTTOM-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 17:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A06	Instrument ID	: VOA100
Sample Amount	: 6.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 75
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.34	U
79-20-9	Methyl Acetate	ND	4.0	0.96	U
110-82-7	Cyclohexane	ND	10	0.55	U
76-13-1	Freon-113	ND	4.0	0.70	U
108-87-2	Methyl cyclohexane	ND	4.0	0.61	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-02	**Date Collected**	: 12/15/25 13:10
Client ID	: AREA01-BOTTOM-12152025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/28/25 17:53
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V00251228A06	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 75
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-03	Date Collected	: 12/15/25 14:00
Client ID	: AREA02-NW-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 19:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A10	Instrument ID	: VOA100
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 78
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	350	160	U
75-34-3	1,1-Dichloroethane	ND	69	10.	U
67-66-3	Chloroform	18	100	9.7	J
56-23-5	Carbon tetrachloride	ND	69	16.	U
78-87-5	1,2-Dichloropropane	ND	69	8.7	U
124-48-1	Dibromochloromethane	ND	69	9.7	U
79-00-5	1,1,2-Trichloroethane	ND	69	18.	U
127-18-4	Tetrachloroethene	ND	35	14.	U
108-90-7	Chlorobenzene	6400	35	8.8	
75-69-4	Trichlorofluoromethane	ND	280	48.	U
107-06-2	1,2-Dichloroethane	ND	69	18.	U
71-55-6	1,1,1-Trichloroethane	ND	35	12.	U
75-27-4	Bromodichloromethane	ND	35	7.6	U
10061-02-6	trans-1,3-Dichloropropene	ND	69	19.	U
10061-01-5	cis-1,3-Dichloropropene	ND	35	11.	U
75-25-2	Bromoform	ND	280	17.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	35	12.	U
71-43-2	Benzene	ND	35	12.	U
108-88-3	Toluene	ND	69	38.	U
100-41-4	Ethylbenzene	ND	69	9.8	U
74-87-3	Chloromethane	ND	280	65.	U
74-83-9	Bromomethane	ND	140	40.	U
75-01-4	Vinyl chloride	ND	69	23.	U
75-00-3	Chloroethane	ND	140	31.	U
75-35-4	1,1-Dichloroethene	ND	69	16.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-03	Date Collected	: 12/15/25 14:00
Client ID	: AREA02-NW-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 19:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A10	Instrument ID	: VOA100
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 78
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	100	9.5	U
79-01-6	Trichloroethene	ND	35	9.5	U
95-50-1	1,2-Dichlorobenzene	30	140	10.	J
541-73-1	1,3-Dichlorobenzene	ND	140	10.	U
106-46-7	1,4-Dichlorobenzene	66	140	12.	J
1634-04-4	Methyl tert butyl ether	ND	140	14.	U
179601-23-1	p/m-Xylene	ND	140	39.	U
95-47-6	o-Xylene	ND	69	20.	U
156-59-2	cis-1,2-Dichloroethene	ND	69	12.	U
100-42-5	Styrene	ND	69	14.	U
75-71-8	Dichlorodifluoromethane	ND	690	64.	U
67-64-1	Acetone	ND	690	330	U
75-15-0	Carbon disulfide	ND	690	320	U
78-93-3	2-Butanone	ND	690	150	U
108-10-1	4-Methyl-2-pentanone	ND	690	89.	U
591-78-6	2-Hexanone	ND	690	82.	U
106-93-4	1,2-Dibromoethane	ND	69	19.	U
104-51-8	n-Butylbenzene	ND	69	12.	U
135-98-8	sec-Butylbenzene	ND	69	10.	U
98-06-6	tert-Butylbenzene	ND	140	8.2	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	210	69.	U
98-82-8	Isopropylbenzene	ND	69	7.6	U
99-87-6	p-Isopropyltoluene	ND	69	7.6	U
91-20-3	Naphthalene	ND	280	45.	U
103-65-1	n-Propylbenzene	ND	69	12.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-03	Date Collected	: 12/15/25 14:00
Client ID	: AREA02-NW-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 19:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A10	Instrument ID	: VOA100
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 78
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	140	19.	U
108-67-8	1,3,5-Trimethylbenzene	ND	140	13.	U
95-63-6	1,2,4-Trimethylbenzene	ND	140	23.	U
79-20-9	Methyl Acetate	ND	280	66.	U
110-82-7	Cyclohexane	ND	690	38.	U
76-13-1	Freon-113	ND	280	48.	U
108-87-2	Methyl cyclohexane	ND	280	42.	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-03	**Date Collected**	: 12/15/25 14:00
Client ID	: AREA02-NW-12152025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/28/25 19:37
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V00251228A10	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 78
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-04D2	Date Collected	: 12/16/25 12:00
Client ID	: AREA03-SW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 16:21
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V04251229A24	Instrument ID	: VOA104
Sample Amount	: 5.5 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 71
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	840	390	U
75-34-3	1,1-Dichloroethane	ND	170	24.	U
67-66-3	Chloroform	ND	250	24.	U
56-23-5	Carbon tetrachloride	ND	170	39.	U
78-87-5	1,2-Dichloropropane	ND	170	21.	U
124-48-1	Dibromochloromethane	ND	170	24.	U
79-00-5	1,1,2-Trichloroethane	ND	170	45.	U
127-18-4	Tetrachloroethene	ND	84	33.	U
108-90-7	Chlorobenzene	77000	84	21.	E
75-69-4	Trichlorofluoromethane	ND	680	120	U
107-06-2	1,2-Dichloroethane	ND	170	43.	U
71-55-6	1,1,1-Trichloroethane	ND	84	28.	U
75-27-4	Bromodichloromethane	ND	84	18.	U
10061-02-6	trans-1,3-Dichloropropene	ND	170	46.	U
10061-01-5	cis-1,3-Dichloropropene	ND	84	27.	U
75-25-2	Bromoform	ND	680	42.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	84	28.	U
71-43-2	Benzene	ND	84	28.	U
108-88-3	Toluene	ND	170	92.	U
100-41-4	Ethylbenzene	ND	170	24.	U
74-87-3	Chloromethane	ND	680	160	U
74-83-9	Bromomethane	ND	340	98.	U
75-01-4	Vinyl chloride	ND	170	57.	U
75-00-3	Chloroethane	ND	340	76.	U
75-35-4	1,1-Dichloroethene	ND	170	40.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-04D2	Date Collected	: 12/16/25 12:00
Client ID	: AREA03-SW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 16:21
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V04251229A24	Instrument ID	: VOA104
Sample Amount	: 5.5 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 71
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	250	23.	U
79-01-6	Trichloroethene	ND	84	23.	U
95-50-1	1,2-Dichlorobenzene	ND	340	24.	U
541-73-1	1,3-Dichlorobenzene	ND	340	25.	U
106-46-7	1,4-Dichlorobenzene	ND	340	29.	U
1634-04-4	Methyl tert butyl ether	ND	340	34.	U
179601-23-1	p/m-Xylene	ND	340	95.	U
95-47-6	o-Xylene	ND	170	49.	U
156-59-2	cis-1,2-Dichloroethene	ND	170	30.	U
100-42-5	Styrene	ND	170	33.	U
75-71-8	Dichlorodifluoromethane	ND	1700	150	U
67-64-1	Acetone	ND	1700	810	U
75-15-0	Carbon disulfide	ND	1700	770	U
78-93-3	2-Butanone	ND	1700	380	U
108-10-1	4-Methyl-2-pentanone	ND	1700	220	U
591-78-6	2-Hexanone	ND	1700	200	U
106-93-4	1,2-Dibromoethane	ND	170	47.	U
104-51-8	n-Butylbenzene	ND	170	28.	U
135-98-8	sec-Butylbenzene	ND	170	25.	U
98-06-6	tert-Butylbenzene	ND	340	20.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	510	170	U
98-82-8	Isopropylbenzene	ND	170	18.	U
99-87-6	p-Isopropyltoluene	ND	170	18.	U
91-20-3	Naphthalene	ND	680	110	U
103-65-1	n-Propylbenzene	ND	170	29.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-04D2	Date Collected	: 12/16/25 12:00
Client ID	: AREA03-SW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 16:21
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V04251229A24	Instrument ID	: VOA104
Sample Amount	: 5.5 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 71
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	340	46.	U
108-67-8	1,3,5-Trimethylbenzene	ND	340	33.	U
95-63-6	1,2,4-Trimethylbenzene	ND	340	56.	U
79-20-9	Methyl Acetate	ND	680	160	U
110-82-7	Cyclohexane	ND	1700	92.	U
76-13-1	Freon-113	ND	680	120	U
108-87-2	Methyl cyclohexane	ND	680	100	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-04D	**Date Collected**	: 12/16/25 12:00
Client ID	: AREA03-SW-12162025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/28/25 20:03
Sample Matrix	: SOIL	**Dilution Factor**	: 5
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V00251228A11	**Instrument ID**	: VOA100
Sample Amount	: 5.5 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: 71
Extract Volume (MeOH)	: 5 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
108-90-7	Chlorobenzene	79000	210	54.	

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-04D2	Date Collected	: 12/16/25 12:00
Client ID	: AREA03-SW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 16:21
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V04251229A24	Instrument ID	: VOA104
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 71
Extract Volume (MeOH)	: NA	Injection Volume	: 0.05 g

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-05	Date Collected	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 20:55
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A13	Instrument ID	: VOA100
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 77
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	6.1	2.8	U
75-34-3	1,1-Dichloroethane	ND	1.2	0.18	U
67-66-3	Chloroform	ND	1.8	0.17	U
56-23-5	Carbon tetrachloride	ND	1.2	0.28	U
78-87-5	1,2-Dichloropropane	ND	1.2	0.15	U
124-48-1	Dibromochloromethane	ND	1.2	0.17	U
79-00-5	1,1,2-Trichloroethane	ND	1.2	0.33	U
127-18-4	Tetrachloroethene	ND	0.61	0.24	U
108-90-7	Chlorobenzene	220	0.61	0.16	
75-69-4	Trichlorofluoromethane	ND	4.9	0.85	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.31	U
71-55-6	1,1,1-Trichloroethane	ND	0.61	0.20	U
75-27-4	Bromodichloromethane	ND	0.61	0.13	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.33	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.61	0.19	U
75-25-2	Bromoform	ND	4.9	0.30	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.61	0.20	U
71-43-2	Benzene	ND	0.61	0.20	U
108-88-3	Toluene	ND	1.2	0.66	U
100-41-4	Ethylbenzene	ND	1.2	0.17	U
74-87-3	Chloromethane	ND	4.9	1.1	U
74-83-9	Bromomethane	ND	2.4	0.71	U
75-01-4	Vinyl chloride	ND	1.2	0.41	U
75-00-3	Chloroethane	ND	2.4	0.55	U
75-35-4	1,1-Dichloroethene	ND	1.2	0.29	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-05	Date Collected	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 20:55
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A13	Instrument ID	: VOA100
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 77
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.8	0.17	U
79-01-6	Trichloroethene	ND	0.61	0.17	U
95-50-1	1,2-Dichlorobenzene	ND	2.4	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.4	0.18	U
106-46-7	1,4-Dichlorobenzene	ND	2.4	0.21	U
1634-04-4	Methyl tert butyl ether	ND	2.4	0.24	U
179601-23-1	p/m-Xylene	ND	2.4	0.68	U
95-47-6	o-Xylene	ND	1.2	0.36	U
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.21	U
100-42-5	Styrene	ND	1.2	0.24	U
75-71-8	Dichlorodifluoromethane	ND	12	1.1	U
67-64-1	Acetone	7.5	12	5.9	J
75-15-0	Carbon disulfide	ND	12	5.6	U
78-93-3	2-Butanone	ND	12	2.7	U
108-10-1	4-Methyl-2-pentanone	ND	12	1.6	U
591-78-6	2-Hexanone	ND	12	1.4	U
106-93-4	1,2-Dibromoethane	ND	1.2	0.34	U
104-51-8	n-Butylbenzene	ND	1.2	0.20	U
135-98-8	sec-Butylbenzene	ND	1.2	0.18	U
98-06-6	tert-Butylbenzene	ND	2.4	0.14	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.7	1.2	U
98-82-8	Isopropylbenzene	ND	1.2	0.13	U
99-87-6	p-Isopropyltoluene	ND	1.2	0.13	U
91-20-3	Naphthalene	ND	4.9	0.79	U
103-65-1	n-Propylbenzene	ND	1.2	0.21	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-05	**Date Collected**	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/28/25 20:55
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V00251228A13	**Instrument ID**	: VOA100
Sample Amount	: 5.3 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 77
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
120-82-1	1,2,4-Trichlorobenzene	ND	2.4	0.33	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.4	0.24	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.4	0.41	U
79-20-9	Methyl Acetate	ND	4.9	1.2	U
110-82-7	Cyclohexane	ND	12	0.66	U
76-13-1	Freon-113	ND	4.9	0.85	U
108-87-2	Methyl cyclohexane	ND	4.9	0.74	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-05	Date Collected	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 21:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A14	Instrument ID	: VOA100
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 77
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	360	170	U
75-34-3	1,1-Dichloroethane	ND	73	10.	U
67-66-3	Chloroform	ND	110	10.	U
56-23-5	Carbon tetrachloride	ND	73	17.	U
78-87-5	1,2-Dichloropropane	ND	73	9.1	U
124-48-1	Dibromochloromethane	ND	73	10.	U
79-00-5	1,1,2-Trichloroethane	ND	73	19.	U
127-18-4	Tetrachloroethene	ND	36	14.	U
108-90-7	Chlorobenzene	1000	36	9.3	
75-69-4	Trichlorofluoromethane	ND	290	51.	U
107-06-2	1,2-Dichloroethane	ND	73	19.	U
71-55-6	1,1,1-Trichloroethane	ND	36	12.	U
75-27-4	Bromodichloromethane	ND	36	8.0	U
10061-02-6	trans-1,3-Dichloropropene	ND	73	20.	U
10061-01-5	cis-1,3-Dichloropropene	ND	36	12.	U
75-25-2	Bromoform	ND	290	18.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	36	12.	U
71-43-2	Benzene	ND	36	12.	U
108-88-3	Toluene	ND	73	40.	U
100-41-4	Ethylbenzene	ND	73	10.	U
74-87-3	Chloromethane	ND	290	68.	U
74-83-9	Bromomethane	ND	150	42.	U
75-01-4	Vinyl chloride	ND	73	24.	U
75-00-3	Chloroethane	ND	150	33.	U
75-35-4	1,1-Dichloroethene	ND	73	17.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-05	Date Collected	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 21:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A14	Instrument ID	: VOA100
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 77
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	110	10.	U
79-01-6	Trichloroethene	ND	36	10.	U
95-50-1	1,2-Dichlorobenzene	ND	150	10.	U
541-73-1	1,3-Dichlorobenzene	ND	150	11.	U
106-46-7	1,4-Dichlorobenzene	ND	150	12.	U
1634-04-4	Methyl tert butyl ether	ND	150	15.	U
179601-23-1	p/m-Xylene	ND	150	41.	U
95-47-6	o-Xylene	ND	73	21.	U
156-59-2	cis-1,2-Dichloroethene	ND	73	13.	U
100-42-5	Styrene	ND	73	14.	U
75-71-8	Dichlorodifluoromethane	ND	730	67.	U
67-64-1	Acetone	ND	730	350	U
75-15-0	Carbon disulfide	ND	730	330	U
78-93-3	2-Butanone	ND	730	160	U
108-10-1	4-Methyl-2-pentanone	ND	730	93.	U
591-78-6	2-Hexanone	ND	730	86.	U
106-93-4	1,2-Dibromoethane	ND	73	20.	U
104-51-8	n-Butylbenzene	ND	73	12.	U
135-98-8	sec-Butylbenzene	ND	73	11.	U
98-06-6	tert-Butylbenzene	ND	150	8.6	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	220	73.	U
98-82-8	Isopropylbenzene	ND	73	8.0	U
99-87-6	p-Isopropyltoluene	ND	73	8.0	U
91-20-3	Naphthalene	ND	290	47.	U
103-65-1	n-Propylbenzene	ND	73	12.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-05	Date Collected	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 21:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A14	Instrument ID	: VOA100
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 77
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	150	20.	U
108-67-8	1,3,5-Trimethylbenzene	ND	150	14.	U
95-63-6	1,2,4-Trimethylbenzene	ND	150	24.	U
79-20-9	Methyl Acetate	ND	290	69.	U
110-82-7	Cyclohexane	ND	730	40.	U
76-13-1	Freon-113	ND	290	51.	U
108-87-2	Methyl cyclohexane	ND	290	44.	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-05	Date Collected	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 20:55
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A13	Instrument ID	: VOA100
Sample Amount	:	GC Column	:
Level	:	%Solids	: 77
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-05	**Date Collected**	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/28/25 21:21
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V00251228A14	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 77
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 3 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.09	149	J
	Unknown	2.47	163	J
	Total TIC Compounds		312J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-06D	Date Collected	: 12/16/25 13:00
Client ID	: AREA03-EW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 21:47
Sample Matrix	: SOIL	Dilution Factor	: 10
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A15	Instrument ID	: VOA100
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 77
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
108-90-7	Chlorobenzene	170000	380	97.	

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-06D2	Date Collected	: 12/16/25 13:00
Client ID	: AREA03-EW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 16:48
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V04251229A25	Instrument ID	: VOA104
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 77
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	1900	870	U
75-34-3	1,1-Dichloroethane	ND	380	55.	U
67-66-3	Chloroform	ND	570	53.	U
56-23-5	Carbon tetrachloride	ND	380	88.	U
78-87-5	1,2-Dichloropropane	ND	380	48.	U
124-48-1	Dibromochloromethane	ND	380	53.	U
79-00-5	1,1,2-Trichloroethane	ND	380	100	U
127-18-4	Tetrachloroethene	ND	190	75.	U
108-90-7	Chlorobenzene	170000	190	48.	E
75-69-4	Trichlorofluoromethane	ND	1500	260	U
107-06-2	1,2-Dichloroethane	ND	380	98.	U
71-55-6	1,1,1-Trichloroethane	ND	190	64.	U
75-27-4	Bromodichloromethane	ND	190	42.	U
10061-02-6	trans-1,3-Dichloropropene	ND	380	100	U
10061-01-5	cis-1,3-Dichloropropene	ND	190	60.	U
75-25-2	Bromoform	ND	1500	94.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	190	63.	U
71-43-2	Benzene	ND	190	63.	U
108-88-3	Toluene	ND	380	210	U
100-41-4	Ethylbenzene	ND	380	54.	U
74-87-3	Chloromethane	ND	1500	360	U
74-83-9	Bromomethane	ND	760	220	U
75-01-4	Vinyl chloride	ND	380	130	U
75-00-3	Chloroethane	ND	760	170	U
75-35-4	1,1-Dichloroethene	ND	380	91.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-06D2	Date Collected	: 12/16/25 13:00
Client ID	: AREA03-EW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 16:48
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V04251229A25	Instrument ID	: VOA104
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 77
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	570	52.	U
79-01-6	Trichloroethene	ND	190	52.	U
95-50-1	1,2-Dichlorobenzene	ND	760	55.	U
541-73-1	1,3-Dichlorobenzene	ND	760	56.	U
106-46-7	1,4-Dichlorobenzene	ND	760	65.	U
1634-04-4	Methyl tert butyl ether	ND	760	77.	U
179601-23-1	p/m-Xylene	ND	760	210	U
95-47-6	o-Xylene	ND	380	110	U
156-59-2	cis-1,2-Dichloroethene	ND	380	67.	U
100-42-5	Styrene	ND	380	75.	U
75-71-8	Dichlorodifluoromethane	ND	3800	350	U
67-64-1	Acetone	ND	3800	1800	U
75-15-0	Carbon disulfide	ND	3800	1700	U
78-93-3	2-Butanone	ND	3800	850	U
108-10-1	4-Methyl-2-pentanone	ND	3800	490	U
591-78-6	2-Hexanone	ND	3800	450	U
106-93-4	1,2-Dibromoethane	ND	380	110	U
104-51-8	n-Butylbenzene	ND	380	64.	U
135-98-8	sec-Butylbenzene	ND	380	56.	U
98-06-6	tert-Butylbenzene	ND	760	45.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1100	380	U
98-82-8	Isopropylbenzene	ND	380	42.	U
99-87-6	p-Isopropyltoluene	ND	380	42.	U
91-20-3	Naphthalene	ND	1500	250	U
103-65-1	n-Propylbenzene	ND	380	65.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-06D2	Date Collected	: 12/16/25 13:00
Client ID	: AREA03-EW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 16:48
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V04251229A25	Instrument ID	: VOA104
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 77
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	760	100	U
108-67-8	1,3,5-Trimethylbenzene	ND	760	74.	U
95-63-6	1,2,4-Trimethylbenzene	ND	760	130	U
79-20-9	Methyl Acetate	ND	1500	360	U
110-82-7	Cyclohexane	ND	3800	210	U
76-13-1	Freon-113	ND	1500	260	U
108-87-2	Methyl cyclohexane	ND	1500	230	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-06D2	Date Collected	: 12/16/25 13:00
Client ID	: AREA03-EW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 16:48
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V04251229A25	Instrument ID	: VOA104
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 77
Extract Volume (MeOH)	: NA	Injection Volume	: 0.02 g

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-07	Date Collected	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 15:55
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V04251229A23	Instrument ID	: VOA104
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 75
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	6.3	2.9	U
75-34-3	1,1-Dichloroethane	ND	1.2	0.18	U
67-66-3	Chloroform	ND	1.9	0.18	U
56-23-5	Carbon tetrachloride	ND	1.2	0.29	U
78-87-5	1,2-Dichloropropane	ND	1.2	0.16	U
124-48-1	Dibromochloromethane	ND	1.2	0.18	U
79-00-5	1,1,2-Trichloroethane	ND	1.2	0.34	U
127-18-4	Tetrachloroethene	ND	0.63	0.24	U
108-90-7	Chlorobenzene	230	0.63	0.16	
75-69-4	Trichlorofluoromethane	ND	5.0	0.87	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.32	U
71-55-6	1,1,1-Trichloroethane	ND	0.63	0.21	U
75-27-4	Bromodichloromethane	ND	0.63	0.14	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.34	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.63	0.20	U
75-25-2	Bromoform	ND	5.0	0.31	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.63	0.21	U
71-43-2	Benzene	ND	0.63	0.21	U
108-88-3	Toluene	ND	1.2	0.68	U
100-41-4	Ethylbenzene	ND	1.2	0.18	U
74-87-3	Chloromethane	ND	5.0	1.2	U
74-83-9	Bromomethane	ND	2.5	0.73	U
75-01-4	Vinyl chloride	ND	1.2	0.42	U
75-00-3	Chloroethane	ND	2.5	0.57	U
75-35-4	1,1-Dichloroethene	ND	1.2	0.30	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-07	Date Collected	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 15:55
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V04251229A23	Instrument ID	: VOA104
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 75
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.9	0.17	U
79-01-6	Trichloroethene	ND	0.63	0.17	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.18	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.21	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.25	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	1.2	0.36	U
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.22	U
100-42-5	Styrene	ND	1.2	0.24	U
75-71-8	Dichlorodifluoromethane	ND	12	1.1	U
67-64-1	Acetone	ND	12	6.0	U
75-15-0	Carbon disulfide	ND	12	5.7	U
78-93-3	2-Butanone	ND	12	2.8	U
108-10-1	4-Methyl-2-pentanone	ND	12	1.6	U
591-78-6	2-Hexanone	ND	12	1.5	U
106-93-4	1,2-Dibromoethane	ND	1.2	0.35	U
104-51-8	n-Butylbenzene	ND	1.2	0.21	U
135-98-8	sec-Butylbenzene	ND	1.2	0.18	U
98-06-6	tert-Butylbenzene	ND	2.5	0.15	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.8	1.2	U
98-82-8	Isopropylbenzene	ND	1.2	0.14	U
99-87-6	p-Isopropyltoluene	ND	1.2	0.14	U
91-20-3	Naphthalene	ND	5.0	0.82	U
103-65-1	n-Propylbenzene	ND	1.2	0.21	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-07	Date Collected	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 15:55
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V04251229A23	Instrument ID	: VOA104
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 75
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.34	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.24	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.42	U
79-20-9	Methyl Acetate	ND	5.0	1.2	U
110-82-7	Cyclohexane	ND	12	0.68	U
76-13-1	Freon-113	ND	5.0	0.87	U
108-87-2	Methyl cyclohexane	ND	5.0	0.76	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-07	Date Collected	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 22:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A17	Instrument ID	: VOA100
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 75
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	390	180	U
75-34-3	1,1-Dichloroethane	ND	78	11.	U
67-66-3	Chloroform	13	120	11.	J
56-23-5	Carbon tetrachloride	ND	78	18.	U
78-87-5	1,2-Dichloropropane	ND	78	9.8	U
124-48-1	Dibromochloromethane	ND	78	11.	U
79-00-5	1,1,2-Trichloroethane	ND	78	21.	U
127-18-4	Tetrachloroethene	ND	39	15.	U
108-90-7	Chlorobenzene	2900	39	9.9	
75-69-4	Trichlorofluoromethane	ND	310	54.	U
107-06-2	1,2-Dichloroethane	ND	78	20.	U
71-55-6	1,1,1-Trichloroethane	ND	39	13.	U
75-27-4	Bromodichloromethane	ND	39	8.5	U
10061-02-6	trans-1,3-Dichloropropene	ND	78	21.	U
10061-01-5	cis-1,3-Dichloropropene	ND	39	12.	U
75-25-2	Bromoform	ND	310	19.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	39	13.	U
71-43-2	Benzene	ND	39	13.	U
108-88-3	Toluene	ND	78	42.	U
100-41-4	Ethylbenzene	ND	78	11.	U
74-87-3	Chloromethane	ND	310	73.	U
74-83-9	Bromomethane	ND	160	46.	U
75-01-4	Vinyl chloride	ND	78	26.	U
75-00-3	Chloroethane	ND	160	35.	U
75-35-4	1,1-Dichloroethene	ND	78	19.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-07	Date Collected	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 22:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A17	Instrument ID	: VOA100
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 75
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	120	11.	U
79-01-6	Trichloroethene	ND	39	11.	U
95-50-1	1,2-Dichlorobenzene	ND	160	11.	U
541-73-1	1,3-Dichlorobenzene	ND	160	12.	U
106-46-7	1,4-Dichlorobenzene	ND	160	13.	U
1634-04-4	Methyl tert butyl ether	ND	160	16.	U
179601-23-1	p/m-Xylene	ND	160	44.	U
95-47-6	o-Xylene	ND	78	23.	U
156-59-2	cis-1,2-Dichloroethene	ND	78	14.	U
100-42-5	Styrene	ND	78	15.	U
75-71-8	Dichlorodifluoromethane	ND	780	72.	U
67-64-1	Acetone	ND	780	380	U
75-15-0	Carbon disulfide	ND	780	360	U
78-93-3	2-Butanone	ND	780	170	U
108-10-1	4-Methyl-2-pentanone	ND	780	100	U
591-78-6	2-Hexanone	ND	780	92.	U
106-93-4	1,2-Dibromoethane	ND	78	22.	U
104-51-8	n-Butylbenzene	ND	78	13.	U
135-98-8	sec-Butylbenzene	ND	78	11.	U
98-06-6	tert-Butylbenzene	ND	160	9.2	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	240	78.	U
98-82-8	Isopropylbenzene	ND	78	8.5	U
99-87-6	p-Isopropyltoluene	ND	78	8.5	U
91-20-3	Naphthalene	ND	310	51.	U
103-65-1	n-Propylbenzene	ND	78	13.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-07	Date Collected	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 22:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A17	Instrument ID	: VOA100
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 75
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	160	21.	U
108-67-8	1,3,5-Trimethylbenzene	ND	160	15.	U
95-63-6	1,2,4-Trimethylbenzene	ND	160	26.	U
79-20-9	Methyl Acetate	ND	310	74.	U
110-82-7	Cyclohexane	ND	780	43.	U
76-13-1	Freon-113	ND	310	54.	U
108-87-2	Methyl cyclohexane	ND	310	47.	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-07	**Date Collected**	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/29/25 15:55
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V04251229A23	**Instrument ID**	: VOA104
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 75
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-07	**Date Collected**	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/28/25 22:40
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V00251228A17	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 75
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-08	Date Collected	: 12/18/25 10:00
Client ID	: AREA04-BOTTOM-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 23:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A18	Instrument ID	: VOA100
Sample Amount	: 6.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 74
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	340	160	U
75-34-3	1,1-Dichloroethane	ND	69	10.	U
67-66-3	Chloroform	13	100	9.7	J
56-23-5	Carbon tetrachloride	ND	69	16.	U
78-87-5	1,2-Dichloropropane	ND	69	8.6	U
124-48-1	Dibromochloromethane	ND	69	9.7	U
79-00-5	1,1,2-Trichloroethane	ND	69	18.	U
127-18-4	Tetrachloroethene	ND	34	14.	U
108-90-7	Chlorobenzene	5500	34	8.8	
75-69-4	Trichlorofluoromethane	ND	280	48.	U
107-06-2	1,2-Dichloroethane	ND	69	18.	U
71-55-6	1,1,1-Trichloroethane	ND	34	12.	U
75-27-4	Bromodichloromethane	ND	34	7.5	U
10061-02-6	trans-1,3-Dichloropropene	ND	69	19.	U
10061-01-5	cis-1,3-Dichloropropene	ND	34	11.	U
75-25-2	Bromoform	ND	280	17.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	34	11.	U
71-43-2	Benzene	ND	34	11.	U
108-88-3	Toluene	ND	69	37.	U
100-41-4	Ethylbenzene	ND	69	9.7	U
74-87-3	Chloromethane	ND	280	64.	U
74-83-9	Bromomethane	ND	140	40.	U
75-01-4	Vinyl chloride	ND	69	23.	U
75-00-3	Chloroethane	ND	140	31.	U
75-35-4	1,1-Dichloroethene	ND	69	16.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-08	Date Collected	: 12/18/25 10:00
Client ID	: AREA04-BOTTOM-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 23:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A18	Instrument ID	: VOA100
Sample Amount	: 6.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 74
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	100	9.4	U
79-01-6	Trichloroethene	ND	34	9.4	U
95-50-1	1,2-Dichlorobenzene	220	140	9.9	
541-73-1	1,3-Dichlorobenzene	35	140	10.	J
106-46-7	1,4-Dichlorobenzene	300	140	12.	
1634-04-4	Methyl tert butyl ether	ND	140	14.	U
179601-23-1	p/m-Xylene	ND	140	39.	U
95-47-6	o-Xylene	ND	69	20.	U
156-59-2	cis-1,2-Dichloroethene	ND	69	12.	U
100-42-5	Styrene	ND	69	14.	U
75-71-8	Dichlorodifluoromethane	ND	690	63.	U
67-64-1	Acetone	ND	690	330	U
75-15-0	Carbon disulfide	ND	690	310	U
78-93-3	2-Butanone	ND	690	150	U
108-10-1	4-Methyl-2-pentanone	ND	690	88.	U
591-78-6	2-Hexanone	ND	690	81.	U
106-93-4	1,2-Dibromoethane	ND	69	19.	U
104-51-8	n-Butylbenzene	ND	69	12.	U
135-98-8	sec-Butylbenzene	ND	69	10.	U
98-06-6	tert-Butylbenzene	ND	140	8.1	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	210	69.	U
98-82-8	Isopropylbenzene	ND	69	7.5	U
99-87-6	p-Isopropyltoluene	ND	69	7.5	U
91-20-3	Naphthalene	ND	280	45.	U
103-65-1	n-Propylbenzene	ND	69	12.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-08	Date Collected	: 12/18/25 10:00
Client ID	: AREA04-BOTTOM-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 23:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A18	Instrument ID	: VOA100
Sample Amount	: 6.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 74
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	140	19.	U
108-67-8	1,3,5-Trimethylbenzene	ND	140	13.	U
95-63-6	1,2,4-Trimethylbenzene	ND	140	23.	U
79-20-9	Methyl Acetate	ND	280	66.	U
110-82-7	Cyclohexane	ND	690	38.	U
76-13-1	Freon-113	ND	280	48.	U
108-87-2	Methyl cyclohexane	ND	280	42.	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-08	**Date Collected**	: 12/18/25 10:00
Client ID	: AREA04-BOTTOM-12182025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/28/25 23:05
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V00251228A18	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 74
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-09	Date Collected	: 12/18/25 11:00
Client ID	: AREA04-SW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 23:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A19	Instrument ID	: VOA100
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 74
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	400	180	U
75-34-3	1,1-Dichloroethane	ND	79	12.	U
67-66-3	Chloroform	32	120	11.	J
56-23-5	Carbon tetrachloride	ND	79	18.	U
78-87-5	1,2-Dichloropropane	ND	79	9.9	U
124-48-1	Dibromochloromethane	ND	79	11.	U
79-00-5	1,1,2-Trichloroethane	ND	79	21.	U
127-18-4	Tetrachloroethene	ND	40	16.	U
108-90-7	Chlorobenzene	4100	40	10.	
75-69-4	Trichlorofluoromethane	ND	320	55.	U
107-06-2	1,2-Dichloroethane	ND	79	20.	U
71-55-6	1,1,1-Trichloroethane	ND	40	13.	U
75-27-4	Bromodichloromethane	ND	40	8.6	U
10061-02-6	trans-1,3-Dichloropropene	ND	79	22.	U
10061-01-5	cis-1,3-Dichloropropene	ND	40	12.	U
75-25-2	Bromoform	ND	320	20.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	40	13.	U
71-43-2	Benzene	ND	40	13.	U
108-88-3	Toluene	ND	79	43.	U
100-41-4	Ethylbenzene	ND	79	11.	U
74-87-3	Chloromethane	ND	320	74.	U
74-83-9	Bromomethane	ND	160	46.	U
75-01-4	Vinyl chloride	ND	79	27.	U
75-00-3	Chloroethane	ND	160	36.	U
75-35-4	1,1-Dichloroethene	ND	79	19.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-09	Date Collected	: 12/18/25 11:00
Client ID	: AREA04-SW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 23:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A19	Instrument ID	: VOA100
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 74
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	120	11.	U
79-01-6	Trichloroethene	ND	40	11.	U
95-50-1	1,2-Dichlorobenzene	280	160	11.	
541-73-1	1,3-Dichlorobenzene	49	160	12.	J
106-46-7	1,4-Dichlorobenzene	480	160	14.	
1634-04-4	Methyl tert butyl ether	ND	160	16.	U
179601-23-1	p/m-Xylene	ND	160	44.	U
95-47-6	o-Xylene	ND	79	23.	U
156-59-2	cis-1,2-Dichloroethene	ND	79	14.	U
100-42-5	Styrene	ND	79	16.	U
75-71-8	Dichlorodifluoromethane	ND	790	73.	U
67-64-1	Acetone	ND	790	380	U
75-15-0	Carbon disulfide	ND	790	360	U
78-93-3	2-Butanone	ND	790	180	U
108-10-1	4-Methyl-2-pentanone	ND	790	100	U
591-78-6	2-Hexanone	ND	790	94.	U
106-93-4	1,2-Dibromoethane	ND	79	22.	U
104-51-8	n-Butylbenzene	ND	79	13.	U
135-98-8	sec-Butylbenzene	ND	79	12.	U
98-06-6	tert-Butylbenzene	ND	160	9.4	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	240	79.	U
98-82-8	Isopropylbenzene	ND	79	8.6	U
99-87-6	p-Isopropyltoluene	ND	79	8.6	U
91-20-3	Naphthalene	ND	320	52.	U
103-65-1	n-Propylbenzene	ND	79	14.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-09	Date Collected	: 12/18/25 11:00
Client ID	: AREA04-SW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 23:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A19	Instrument ID	: VOA100
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 74
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	160	22.	U
108-67-8	1,3,5-Trimethylbenzene	ND	160	15.	U
95-63-6	1,2,4-Trimethylbenzene	ND	160	26.	U
79-20-9	Methyl Acetate	ND	320	75.	U
110-82-7	Cyclohexane	ND	790	43.	U
76-13-1	Freon-113	ND	320	55.	U
108-87-2	Methyl cyclohexane	ND	320	48.	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-09	**Date Collected**	: 12/18/25 11:00
Client ID	: AREA04-SW-12182025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/28/25 23:32
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V00251228A19	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 74
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-10	Date Collected	: 12/18/25 11:25
Client ID	: AREA04-WW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 18:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A07	Instrument ID	: VOA100
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.5	2.5	U
75-34-3	1,1-Dichloroethane	ND	1.1	0.16	U
67-66-3	Chloroform	ND	1.6	0.15	U
56-23-5	Carbon tetrachloride	ND	1.1	0.25	U
78-87-5	1,2-Dichloropropane	ND	1.1	0.14	U
124-48-1	Dibromochloromethane	ND	1.1	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.29	U
127-18-4	Tetrachloroethene	ND	0.55	0.21	U
108-90-7	Chlorobenzene	59	0.55	0.14	
75-69-4	Trichlorofluoromethane	ND	4.4	0.76	U
107-06-2	1,2-Dichloroethane	ND	1.1	0.28	U
71-55-6	1,1,1-Trichloroethane	ND	0.55	0.18	U
75-27-4	Bromodichloromethane	ND	0.55	0.12	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.30	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.55	0.17	U
75-25-2	Bromoform	ND	4.4	0.27	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.55	0.18	U
71-43-2	Benzene	ND	0.55	0.18	U
108-88-3	Toluene	ND	1.1	0.59	U
100-41-4	Ethylbenzene	ND	1.1	0.15	U
74-87-3	Chloromethane	ND	4.4	1.0	U
74-83-9	Bromomethane	ND	2.2	0.64	U
75-01-4	Vinyl chloride	ND	1.1	0.37	U
75-00-3	Chloroethane	ND	2.2	0.49	U
75-35-4	1,1-Dichloroethene	ND	1.1	0.26	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-10	Date Collected	: 12/18/25 11:25
Client ID	: AREA04-WW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 18:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A07	Instrument ID	: VOA100
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.15	U
79-01-6	Trichloroethene	ND	0.55	0.15	U
95-50-1	1,2-Dichlorobenzene	0.18	2.2	0.16	J
541-73-1	1,3-Dichlorobenzene	ND	2.2	0.16	U
106-46-7	1,4-Dichlorobenzene	0.48	2.2	0.19	J
1634-04-4	Methyl tert butyl ether	ND	2.2	0.22	U
179601-23-1	p/m-Xylene	ND	2.2	0.61	U
95-47-6	o-Xylene	ND	1.1	0.32	U
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.19	U
100-42-5	Styrene	ND	1.1	0.21	U
75-71-8	Dichlorodifluoromethane	ND	11	1.0	U
67-64-1	Acetone	17	11	5.3	
75-15-0	Carbon disulfide	ND	11	5.0	U
78-93-3	2-Butanone	ND	11	2.4	U
108-10-1	4-Methyl-2-pentanone	ND	11	1.4	U
591-78-6	2-Hexanone	ND	11	1.3	U
106-93-4	1,2-Dibromoethane	ND	1.1	0.30	U
104-51-8	n-Butylbenzene	ND	1.1	0.18	U
135-98-8	sec-Butylbenzene	ND	1.1	0.16	U
98-06-6	tert-Butylbenzene	ND	2.2	0.13	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.3	1.1	U
98-82-8	Isopropylbenzene	ND	1.1	0.12	U
99-87-6	p-Isopropyltoluene	ND	1.1	0.12	U
91-20-3	Naphthalene	ND	4.4	0.71	U
103-65-1	n-Propylbenzene	ND	1.1	0.19	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-10	Date Collected	: 12/18/25 11:25
Client ID	: AREA04-WW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 18:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A07	Instrument ID	: VOA100
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.2	0.30	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.2	0.21	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.2	0.36	U
79-20-9	Methyl Acetate	ND	4.4	1.0	U
110-82-7	Cyclohexane	ND	11	0.60	U
76-13-1	Freon-113	ND	4.4	0.76	U
108-87-2	Methyl cyclohexane	ND	4.4	0.66	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-10	**Date Collected**	: 12/18/25 11:25
Client ID	: AREA04-WW-12182025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/28/25 18:19
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V00251228A07	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 81
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-11D	Date Collected	: 12/18/25 13:00
Client ID	: NW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 23:58
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A20	Instrument ID	: VOA100
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 79
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
108-90-7	Chlorobenzene	71000	160	40.	

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-11D2	Date Collected	: 12/18/25 13:00
Client ID	: NW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/31/25 12:33
Sample Matrix	: SOIL	Dilution Factor	: 2.5
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V23251231A13	Instrument ID	: VOA123
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 79
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	790	360	U
75-34-3	1,1-Dichloroethane	ND	160	23.	U
67-66-3	Chloroform	24	240	22.	J
56-23-5	Carbon tetrachloride	ND	160	36.	U
78-87-5	1,2-Dichloropropane	ND	160	20.	U
124-48-1	Dibromochloromethane	ND	160	22.	U
79-00-5	1,1,2-Trichloroethane	ND	160	42.	U
127-18-4	Tetrachloroethene	ND	79	31.	U
108-90-7	Chlorobenzene	68000	79	20.	E
75-69-4	Trichlorofluoromethane	ND	630	110	U
107-06-2	1,2-Dichloroethane	ND	160	40.	U
71-55-6	1,1,1-Trichloroethane	ND	79	26.	U
75-27-4	Bromodichloromethane	ND	79	17.	U
10061-02-6	trans-1,3-Dichloropropene	ND	160	43.	U
10061-01-5	cis-1,3-Dichloropropene	ND	79	25.	U
75-25-2	Bromoform	ND	630	39.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	79	26.	U
71-43-2	Benzene	ND	79	26.	U
108-88-3	Toluene	ND	160	86.	U
100-41-4	Ethylbenzene	64	160	22.	J
74-87-3	Chloromethane	ND	630	150	U
74-83-9	Bromomethane	ND	320	92.	U
75-01-4	Vinyl chloride	ND	160	53.	U
75-00-3	Chloroethane	ND	320	71.	U
75-35-4	1,1-Dichloroethene	ND	160	38.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-11D2	Date Collected	: 12/18/25 13:00
Client ID	: NW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/31/25 12:33
Sample Matrix	: SOIL	Dilution Factor	: 2.5
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V23251231A13	Instrument ID	: VOA123
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 79
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	240	22.	U
79-01-6	Trichloroethene	ND	79	22.	U
95-50-1	1,2-Dichlorobenzene	9400	320	23.	
541-73-1	1,3-Dichlorobenzene	1600	320	23.	
106-46-7	1,4-Dichlorobenzene	14000	320	27.	
1634-04-4	Methyl tert butyl ether	ND	320	32.	U
179601-23-1	p/m-Xylene	ND	320	88.	U
95-47-6	o-Xylene	ND	160	46.	U
156-59-2	cis-1,2-Dichloroethene	ND	160	28.	U
100-42-5	Styrene	ND	160	31.	U
75-71-8	Dichlorodifluoromethane	ND	1600	140	U
67-64-1	Acetone	ND	1600	760	U
75-15-0	Carbon disulfide	ND	1600	720	U
78-93-3	2-Butanone	ND	1600	350	U
108-10-1	4-Methyl-2-pentanone	ND	1600	200	U
591-78-6	2-Hexanone	ND	1600	190	U
106-93-4	1,2-Dibromoethane	ND	160	44.	U
104-51-8	n-Butylbenzene	76	160	26.	J
135-98-8	sec-Butylbenzene	61	160	23.	J
98-06-6	tert-Butylbenzene	ND	320	19.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	470	160	U
98-82-8	Isopropylbenzene	ND	160	17.	U
99-87-6	p-Isopropyltoluene	57	160	17.	J
91-20-3	Naphthalene	470	630	100	J
103-65-1	n-Propylbenzene	ND	160	27.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-11D2	Date Collected	: 12/18/25 13:00
Client ID	: NW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/31/25 12:33
Sample Matrix	: SOIL	Dilution Factor	: 2.5
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V23251231A13	Instrument ID	: VOA123
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 79
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	1600	320	43.	
108-67-8	1,3,5-Trimethylbenzene	140	320	30.	J
95-63-6	1,2,4-Trimethylbenzene	390	320	53.	
79-20-9	Methyl Acetate	ND	630	150	U
110-82-7	Cyclohexane	ND	1600	86.	U
76-13-1	Freon-113	ND	630	110	U
108-87-2	Methyl cyclohexane	ND	630	95.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-12D	Date Collected	: 12/18/25 13:10
Client ID	: WW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 00:49
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A22	Instrument ID	: VOA100
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 76
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	1700	790	U
75-34-3	1,1-Dichloroethane	ND	350	50.	U
67-66-3	Chloroform	ND	520	48.	U
56-23-5	Carbon tetrachloride	ND	350	80.	U
78-87-5	1,2-Dichloropropane	ND	350	43.	U
124-48-1	Dibromochloromethane	ND	350	48.	U
79-00-5	1,1,2-Trichloroethane	ND	350	92.	U
127-18-4	Tetrachloroethene	ND	170	68.	U
108-90-7	Chlorobenzene	110000	170	44.	E
75-69-4	Trichlorofluoromethane	ND	1400	240	U
107-06-2	1,2-Dichloroethane	ND	350	89.	U
71-55-6	1,1,1-Trichloroethane	ND	170	58.	U
75-27-4	Bromodichloromethane	ND	170	38.	U
10061-02-6	trans-1,3-Dichloropropene	ND	350	94.	U
10061-01-5	cis-1,3-Dichloropropene	ND	170	55.	U
75-25-2	Bromoform	ND	1400	85.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	170	57.	U
71-43-2	Benzene	ND	170	57.	U
108-88-3	Toluene	ND	350	190	U
100-41-4	Ethylbenzene	88	350	49.	J
74-87-3	Chloromethane	ND	1400	320	U
74-83-9	Bromomethane	ND	690	200	U
75-01-4	Vinyl chloride	ND	350	120	U
75-00-3	Chloroethane	ND	690	160	U
75-35-4	1,1-Dichloroethene	ND	350	82.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-12D	Date Collected	: 12/18/25 13:10
Client ID	: WW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 00:49
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A22	Instrument ID	: VOA100
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 76
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	520	47.	U
79-01-6	Trichloroethene	ND	170	47.	U
95-50-1	1,2-Dichlorobenzene	26000	690	50.	
541-73-1	1,3-Dichlorobenzene	4300	690	51.	
106-46-7	1,4-Dichlorobenzene	34000	690	59.	
1634-04-4	Methyl tert butyl ether	ND	690	70.	U
179601-23-1	p/m-Xylene	ND	690	190	U
95-47-6	o-Xylene	ND	350	100	U
156-59-2	cis-1,2-Dichloroethene	ND	350	60.	U
100-42-5	Styrene	ND	350	68.	U
75-71-8	Dichlorodifluoromethane	ND	3500	320	U
67-64-1	Acetone	ND	3500	1700	U
75-15-0	Carbon disulfide	ND	3500	1600	U
78-93-3	2-Butanone	ND	3500	770	U
108-10-1	4-Methyl-2-pentanone	ND	3500	440	U
591-78-6	2-Hexanone	ND	3500	410	U
106-93-4	1,2-Dibromoethane	ND	350	96.	U
104-51-8	n-Butylbenzene	82	350	58.	J
135-98-8	sec-Butylbenzene	60	350	50.	J
98-06-6	tert-Butylbenzene	ND	690	41.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1000	340	U
98-82-8	Isopropylbenzene	ND	350	38.	U
99-87-6	p-Isopropyltoluene	62	350	38.	J
91-20-3	Naphthalene	330	1400	220	J
103-65-1	n-Propylbenzene	ND	350	59.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-12D	Date Collected	: 12/18/25 13:10
Client ID	: WW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 00:49
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A22	Instrument ID	: VOA100
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 76
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	2500	690	94.	
108-67-8	1,3,5-Trimethylbenzene	140	690	67.	J
95-63-6	1,2,4-Trimethylbenzene	470	690	120	J
79-20-9	Methyl Acetate	ND	1400	330	U
110-82-7	Cyclohexane	ND	3500	190	U
76-13-1	Freon-113	ND	1400	240	U
108-87-2	Methyl cyclohexane	ND	1400	210	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-12D2	**Date Collected**	: 12/18/25 13:10
Client ID	: WW-PIPE-12182025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/29/25 01:15
Sample Matrix	: SOIL	**Dilution Factor**	: 20
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V00251228A23	**Instrument ID**	: VOA100
Sample Amount	: 6.1 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: 76
Extract Volume (MeOH)	: 5 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
108-90-7	Chlorobenzene	110000	690	180	

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-12D	**Date Collected**	: 12/18/25 13:10
Client ID	: WW-PIPE-12182025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/29/25 00:49
Sample Matrix	: SOIL	**Dilution Factor**	: 5
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V00251228A22	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 76
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.02 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159676-5	Date Collected	: NA
Client ID	: WG2159676-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/28/25 17:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: RAW
Lab File ID	: V00251228A05	Instrument ID	: VOA100
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159676-5	Date Collected	: NA
Client ID	: WG2159676-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/28/25 17:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: RAW
Lab File ID	: V00251228A05	Instrument ID	: VOA100
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.65	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159676-5	Date Collected	: NA
Client ID	: WG2159676-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/28/25 17:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: RAW
Lab File ID	: V00251228A05	Instrument ID	: VOA100
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159676-5	Date Collected	: NA
Client ID	: WG2159676-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/28/25 17:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: RAW
Lab File ID	: V00251228A05	Instrument ID	: VOA100
Sample Amount	:	GC Column	:
Level	:	%Solids	: NA
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159678-5	Date Collected	: NA
Client ID	: WG2159678-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/28/25 17:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: RAW
Lab File ID	: V00251228A05	Instrument ID	: VOA100
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	250	110	U
75-34-3	1,1-Dichloroethane	ND	50	7.2	U
67-66-3	Chloroform	ND	75	7.0	U
56-23-5	Carbon tetrachloride	ND	50	12.	U
78-87-5	1,2-Dichloropropane	ND	50	6.2	U
124-48-1	Dibromochloromethane	ND	50	7.0	U
79-00-5	1,1,2-Trichloroethane	ND	50	13.	U
127-18-4	Tetrachloroethene	ND	25	9.8	U
108-90-7	Chlorobenzene	ND	25	6.4	U
75-69-4	Trichlorofluoromethane	ND	200	35.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	25	8.4	U
75-27-4	Bromodichloromethane	ND	25	5.4	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.9	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.3	U
71-43-2	Benzene	ND	25	8.3	U
108-88-3	Toluene	ND	50	27.	U
100-41-4	Ethylbenzene	ND	50	7.0	U
74-87-3	Chloromethane	ND	200	47.	U
74-83-9	Bromomethane	29	100	29.	J
75-01-4	Vinyl chloride	ND	50	17.	U
75-00-3	Chloroethane	ND	100	23.	U
75-35-4	1,1-Dichloroethene	ND	50	12.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159678-5	Date Collected	: NA
Client ID	: WG2159678-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/28/25 17:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: RAW
Lab File ID	: V00251228A05	Instrument ID	: VOA100
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	75	6.8	U
79-01-6	Trichloroethene	ND	25	6.8	U
95-50-1	1,2-Dichlorobenzene	ND	100	7.2	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.4	U
106-46-7	1,4-Dichlorobenzene	ND	100	8.6	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	ND	100	28.	U
95-47-6	o-Xylene	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	8.8	U
100-42-5	Styrene	ND	50	9.8	U
75-71-8	Dichlorodifluoromethane	ND	500	46.	U
67-64-1	Acetone	ND	500	240	U
75-15-0	Carbon disulfide	ND	500	230	U
78-93-3	2-Butanone	ND	500	110	U
108-10-1	4-Methyl-2-pentanone	ND	500	64.	U
591-78-6	2-Hexanone	ND	500	59.	U
106-93-4	1,2-Dibromoethane	ND	50	14.	U
104-51-8	n-Butylbenzene	ND	50	8.4	U
135-98-8	sec-Butylbenzene	ND	50	7.3	U
98-06-6	tert-Butylbenzene	ND	100	5.9	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	150	50.	U
98-82-8	Isopropylbenzene	ND	50	5.4	U
99-87-6	p-Isopropyltoluene	ND	50	5.4	U
91-20-3	Naphthalene	ND	200	32.	U
103-65-1	n-Propylbenzene	ND	50	8.6	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159678-5	Date Collected	: NA
Client ID	: WG2159678-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/28/25 17:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: RAW
Lab File ID	: V00251228A05	Instrument ID	: VOA100
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	100	14.	U
108-67-8	1,3,5-Trimethylbenzene	ND	100	9.6	U
95-63-6	1,2,4-Trimethylbenzene	ND	100	17.	U
79-20-9	Methyl Acetate	ND	200	48.	U
110-82-7	Cyclohexane	ND	500	27.	U
76-13-1	Freon-113	ND	200	35.	U
108-87-2	Methyl cyclohexane	ND	200	30.	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159678-5	Date Collected	: NA
Client ID	: WG2159678-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/28/25 17:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: RAW
Lab File ID	: V00251228A05	Instrument ID	: VOA100
Sample Amount	:	GC Column	:
Level	:	%Solids	: NA
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159734-5	Date Collected	: NA
Client ID	: WG2159734-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/29/25 07:03
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V04251229A05	Instrument ID	: VOA104
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159734-5	Date Collected	: NA
Client ID	: WG2159734-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/29/25 07:03
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V04251229A05	Instrument ID	: VOA104
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	0.78	4.0	0.65	J
103-65-1	n-Propylbenzene	ND	1.0	0.17	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: WG2159734-5	**Date Collected**	: NA
Client ID	: WG2159734-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/29/25 07:03
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: V04251229A05	**Instrument ID**	: VOA104
Sample Amount	: 5.0 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: NA
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
120-82-1	1,2,4-Trichlorobenzene	0.39	2.0	0.27	J
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U

Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035/8260

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: WG2159734-5	**Date Collected**	: NA
Client ID	: WG2159734-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/29/25 07:03
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: V04251229A05	**Instrument ID**	: VOA104
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: NA
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2160213-5	Date Collected	: NA
Client ID	: WG2160213-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/29/25 07:03
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V04251229A05	Instrument ID	: VOA104
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	250	110	U
75-34-3	1,1-Dichloroethane	ND	50	7.2	U
67-66-3	Chloroform	ND	75	7.0	U
56-23-5	Carbon tetrachloride	ND	50	12.	U
78-87-5	1,2-Dichloropropane	ND	50	6.2	U
124-48-1	Dibromochloromethane	ND	50	7.0	U
79-00-5	1,1,2-Trichloroethane	ND	50	13.	U
127-18-4	Tetrachloroethene	ND	25	9.8	U
108-90-7	Chlorobenzene	ND	25	6.4	U
75-69-4	Trichlorofluoromethane	ND	200	35.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	25	8.4	U
75-27-4	Bromodichloromethane	ND	25	5.4	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.9	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.3	U
71-43-2	Benzene	ND	25	8.3	U
108-88-3	Toluene	ND	50	27.	U
100-41-4	Ethylbenzene	ND	50	7.0	U
74-87-3	Chloromethane	ND	200	47.	U
74-83-9	Bromomethane	ND	100	29.	U
75-01-4	Vinyl chloride	ND	50	17.	U
75-00-3	Chloroethane	ND	100	23.	U
75-35-4	1,1-Dichloroethene	ND	50	12.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2160213-5	Date Collected	: NA
Client ID	: WG2160213-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/29/25 07:03
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V04251229A05	Instrument ID	: VOA104
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	75	6.8	U
79-01-6	Trichloroethene	ND	25	6.8	U
95-50-1	1,2-Dichlorobenzene	ND	100	7.2	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.4	U
106-46-7	1,4-Dichlorobenzene	ND	100	8.6	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	ND	100	28.	U
95-47-6	o-Xylene	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	8.8	U
100-42-5	Styrene	ND	50	9.8	U
75-71-8	Dichlorodifluoromethane	ND	500	46.	U
67-64-1	Acetone	ND	500	240	U
75-15-0	Carbon disulfide	ND	500	230	U
78-93-3	2-Butanone	ND	500	110	U
108-10-1	4-Methyl-2-pentanone	ND	500	64.	U
591-78-6	2-Hexanone	ND	500	59.	U
106-93-4	1,2-Dibromoethane	ND	50	14.	U
104-51-8	n-Butylbenzene	ND	50	8.4	U
135-98-8	sec-Butylbenzene	ND	50	7.3	U
98-06-6	tert-Butylbenzene	ND	100	5.9	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	150	50.	U
98-82-8	Isopropylbenzene	ND	50	5.4	U
99-87-6	p-Isopropyltoluene	ND	50	5.4	U
91-20-3	Naphthalene	39	200	32.	J
103-65-1	n-Propylbenzene	ND	50	8.6	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2160213-5	Date Collected	: NA
Client ID	: WG2160213-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/29/25 07:03
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V04251229A05	Instrument ID	: VOA104
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	20	100	14.	J
108-67-8	1,3,5-Trimethylbenzene	ND	100	9.6	U
95-63-6	1,2,4-Trimethylbenzene	ND	100	17.	U
79-20-9	Methyl Acetate	ND	200	48.	U
110-82-7	Cyclohexane	ND	500	27.	U
76-13-1	Freon-113	ND	200	35.	U
108-87-2	Methyl cyclohexane	ND	200	30.	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: WG2160213-5	**Date Collected**	: NA
Client ID	: WG2160213-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/29/25 07:03
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: V04251229A05	**Instrument ID**	: VOA104
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: NA
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2160756-5	Date Collected	: NA
Client ID	: WG2160756-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/31/25 08:36
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V23251231A05	Instrument ID	: VOA123
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	250	110	U
75-34-3	1,1-Dichloroethane	ND	50	7.2	U
67-66-3	Chloroform	ND	75	7.0	U
56-23-5	Carbon tetrachloride	ND	50	12.	U
78-87-5	1,2-Dichloropropane	ND	50	6.2	U
124-48-1	Dibromochloromethane	ND	50	7.0	U
79-00-5	1,1,2-Trichloroethane	ND	50	13.	U
127-18-4	Tetrachloroethene	ND	25	9.8	U
108-90-7	Chlorobenzene	ND	25	6.4	U
75-69-4	Trichlorofluoromethane	ND	200	35.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	25	8.4	U
75-27-4	Bromodichloromethane	ND	25	5.4	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.9	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.3	U
71-43-2	Benzene	ND	25	8.3	U
108-88-3	Toluene	ND	50	27.	U
100-41-4	Ethylbenzene	ND	50	7.0	U
74-87-3	Chloromethane	ND	200	47.	U
74-83-9	Bromomethane	ND	100	29.	U
75-01-4	Vinyl chloride	ND	50	17.	U
75-00-3	Chloroethane	ND	100	23.	U
75-35-4	1,1-Dichloroethene	ND	50	12.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2160756-5	Date Collected	: NA
Client ID	: WG2160756-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/31/25 08:36
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V23251231A05	Instrument ID	: VOA123
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	75	6.8	U
79-01-6	Trichloroethene	ND	25	6.8	U
95-50-1	1,2-Dichlorobenzene	ND	100	7.2	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.4	U
106-46-7	1,4-Dichlorobenzene	ND	100	8.6	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	ND	100	28.	U
95-47-6	o-Xylene	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	8.8	U
100-42-5	Styrene	ND	50	9.8	U
75-71-8	Dichlorodifluoromethane	ND	500	46.	U
67-64-1	Acetone	ND	500	240	U
75-15-0	Carbon disulfide	ND	500	230	U
78-93-3	2-Butanone	ND	500	110	U
108-10-1	4-Methyl-2-pentanone	ND	500	64.	U
591-78-6	2-Hexanone	ND	500	59.	U
106-93-4	1,2-Dibromoethane	ND	50	14.	U
104-51-8	n-Butylbenzene	ND	50	8.4	U
135-98-8	sec-Butylbenzene	ND	50	7.3	U
98-06-6	tert-Butylbenzene	ND	100	5.9	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	150	50.	U
98-82-8	Isopropylbenzene	ND	50	5.4	U
99-87-6	p-Isopropyltoluene	ND	50	5.4	U
91-20-3	Naphthalene	ND	200	32.	U
103-65-1	n-Propylbenzene	ND	50	8.6	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2160756-5	Date Collected	: NA
Client ID	: WG2160756-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/31/25 08:36
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V23251231A05	Instrument ID	: VOA123
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	100	14.	U
108-67-8	1,3,5-Trimethylbenzene	ND	100	9.6	U
95-63-6	1,2,4-Trimethylbenzene	ND	100	17.	U
79-20-9	Methyl Acetate	ND	200	48.	U
110-82-7	Cyclohexane	ND	500	27.	U
76-13-1	Freon-113	ND	200	35.	U
108-87-2	Methyl cyclohexane	ND	200	30.	U

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A06.D
Acq On : 28 Dec 2025 05:53 pm
Operator : VOA100:JIC
Sample : L2580856-02,31,6.62,5,,Y
Misc : WG2159676,ICAL22914
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 29 06:47:52 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.233	96	145734	20.000	ug/L	0.00
Standard Area 1 = 159908			Recovery = 91.14%			
60) Chlorobenzene-d5	9.793	117	127885	20.000	ug/L	0.00
Standard Area 1 = 142938			Recovery = 89.47%			
80) 1,4-Dichlorobenzene-d4	12.461	152	73036	20.000	ug/L	0.00
Standard Area 1 = 85973			Recovery = 84.95%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.404	113	42756	21.120	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.60%			
44) 1,2-Dichloroethane-d4	5.934	65	40816	20.287	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.43%			
61) Toluene-d8	7.937	98	158792	19.322	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.61%			
84) 4-Bromofluorobenzene	11.261	95	59570	20.466	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.33%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.181	76	13244	1.795	ug/L	95
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.700	84	471	0.209	ug/L #	76
17) Acetone	3.732	43	3910	3.858	ug/L #	78
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Cyclohexane	0.000		0	N.D.		
33) Chloroform	0.000		0	N.D.		
35) Carbon tetrachloride	0.000		0	N.D.		
38) 1,1,1-Trichloroethane	0.000		0	N.D.		

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A06.D
Acq On : 28 Dec 2025 05:53 pm
Operator : VOA100:JIC
Sample : L2580856-02,31,6.62,5,,Y
Misc : WG2159676,ICAL22914
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 29 06:47:52 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2-Butanone	5.530	43	48	N.D.		
42) Benzene	5.824	78	154	N.D.		
45) 1,2-Dichloroethane	0.000		0	N.D.		
48) Methyl cyclohexane	0.000		0	N.D.		
49) Trichloroethene	0.000		0	N.D.		
52) 1,2-Dichloropropane	0.000		0	N.D.		
55) Bromodichloromethane	0.000		0	N.D.		
59) cis-1,3-Dichloropropene	0.000		0	N.D.		
62) Toluene	0.000		0	N.D.		
63) 4-Methyl-2-pentanone	0.000		0	N.D.		
64) Tetrachloroethene	0.000		0	N.D.		
66) trans-1,3-Dichloropropene	0.000		0	N.D.		
69) 1,1,2-Trichloroethane	0.000		0	N.D.		
70) Chlorodibromomethane	0.000		0	N.D.		
72) 1,2-Dibromoethane	0.000		0	N.D.		
73) 2-Hexanone	0.000		0	N.D.		
74) Chlorobenzene	9.814	112	123049	19.028	ug/L #	87
75) Ethylbenzene	9.798	91	52	N.D.		
77) p/m Xylene	0.000		0	N.D.		
78) o Xylene	0.000		0	N.D.		
79) Styrene	0.000		0	N.D.		
81) Bromoform	0.000		0	N.D.		
83) Isopropylbenzene	0.000		0	N.D.		
86) n-Propylbenzene	0.000		0	N.D.		
88) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
91) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
95) tert-Butylbenzene	0.000		0	N.D.		
98) 1,2,4-Trimethylbenzene	0.000		0	N.D.		
99) sec-Butylbenzene	0.000		0	N.D.		
100) p-Isopropyltoluene	0.000		0	N.D.		
101) 1,3-Dichlorobenzene	12.472	146	363	N.D.		
102) 1,4-Dichlorobenzene	12.472	146	363	N.D.		
104) n-Butylbenzene	0.000		0	N.D.		
105) 1,2-Dichlorobenzene	12.902	146	117	N.D.		
107) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
110) 1,2,4-Trichlorobenzene	14.312	180	109	N.D.		
111) Naphthalene	14.606	128	673	N.D.		

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A06.D
Acq On : 28 Dec 2025 05:53 pm
Operator : VOA100:JIC
Sample : L2580856-02,31,6.62,5,,Y
Misc : WG2159676,ICAL22914
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 29 06:47:52 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

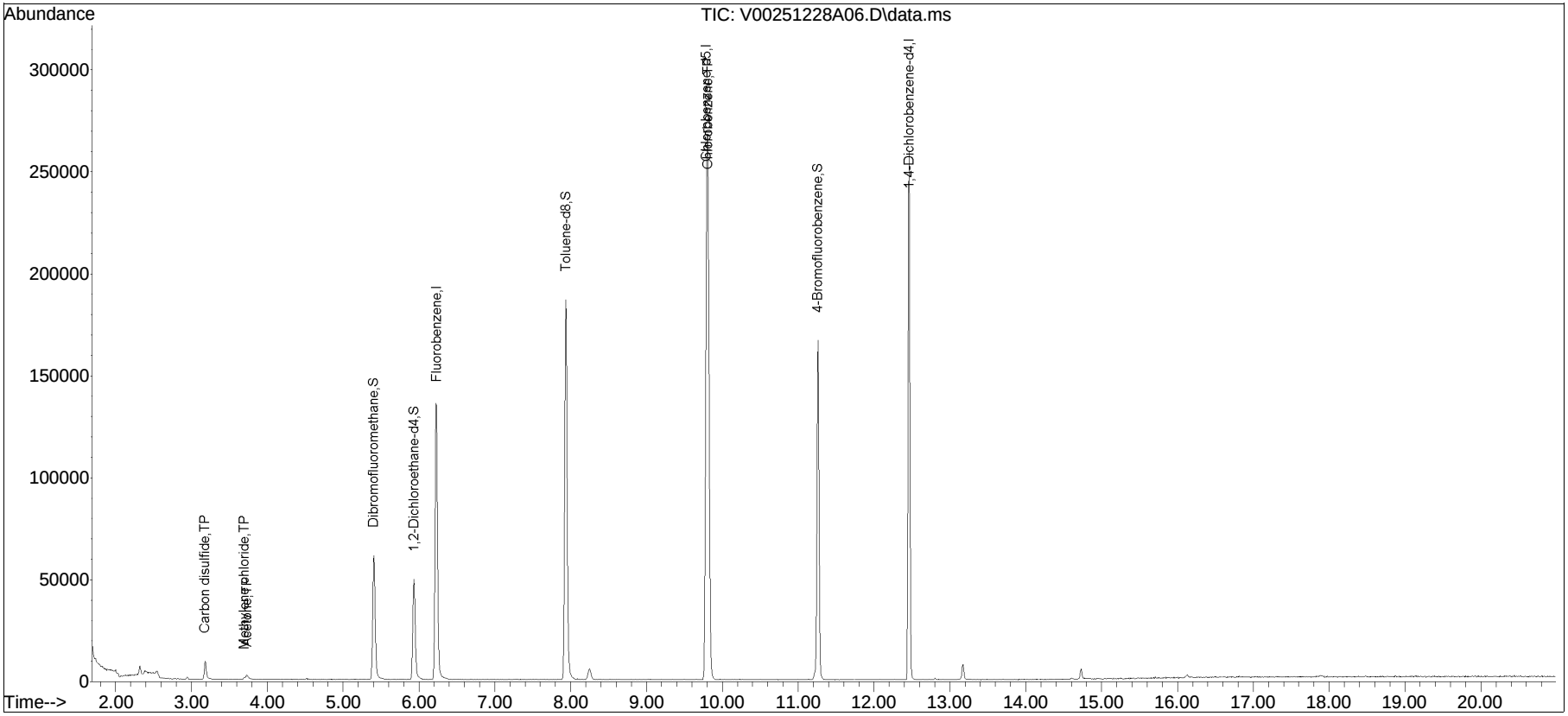
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

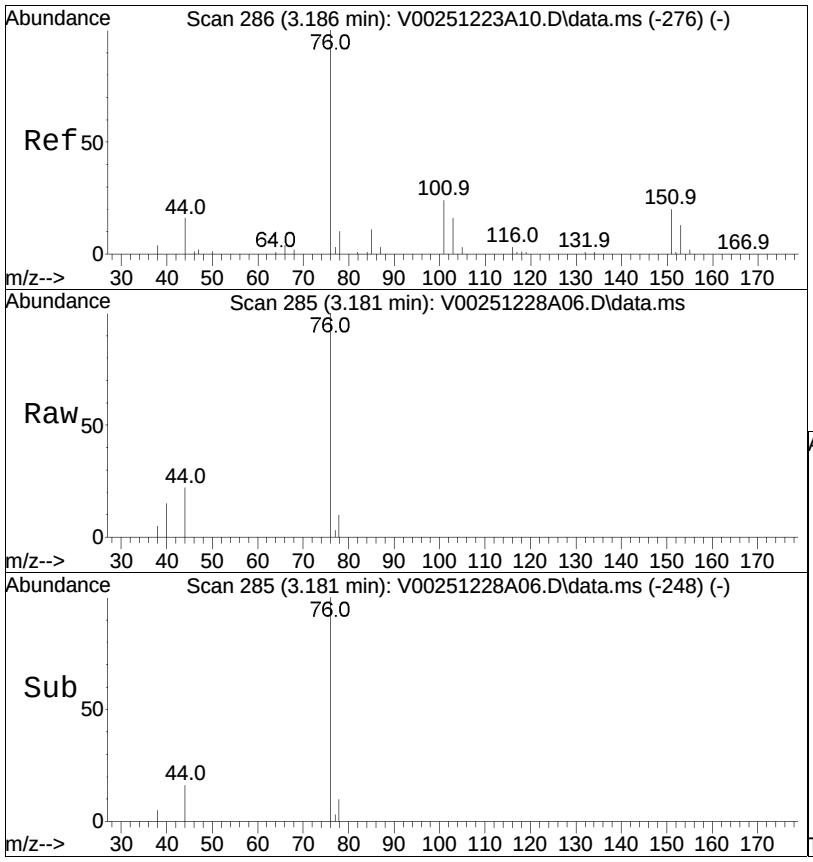
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A06.D
Acq On : 28 Dec 2025 05:53 pm
Operator : VOA100:JIC
Sample : L2580856-02,31,6.62,5,,Y
Misc : WG2159676,ICAL22914
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 29 06:47:52 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS1228A01.D•

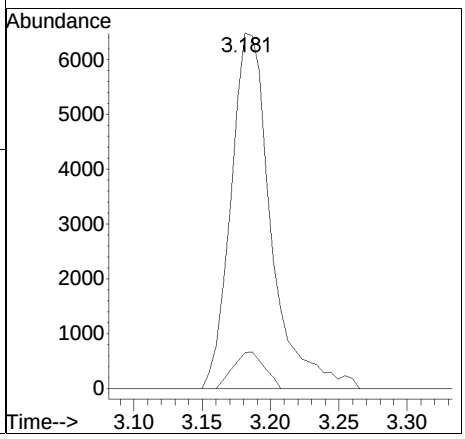


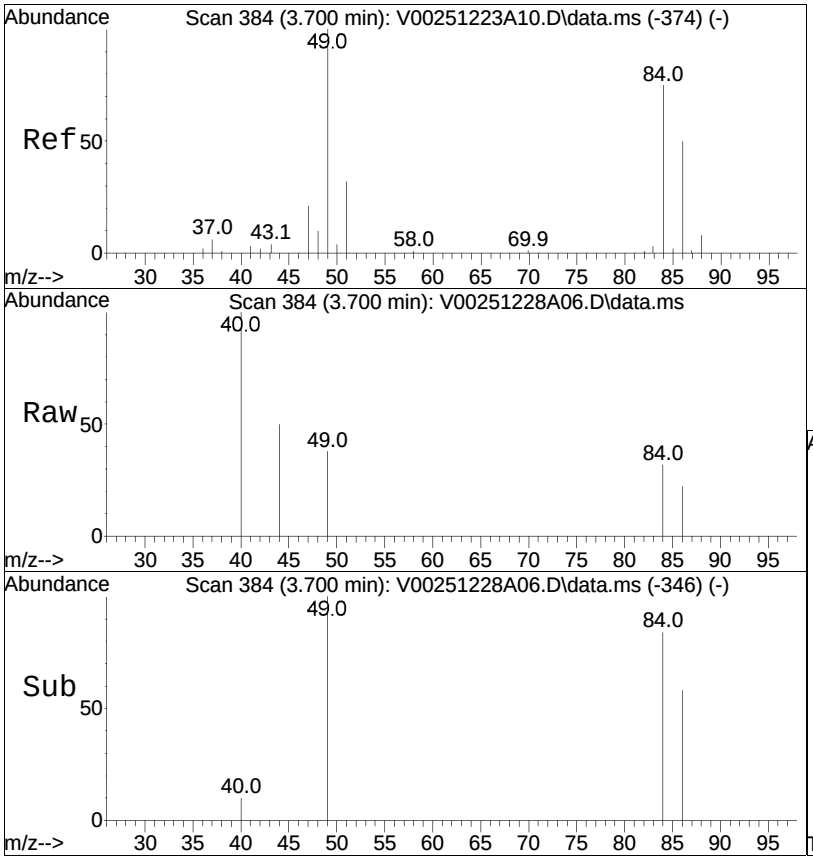


#11
Carbon disulfide
Concen: 1.79 ug/L
RT: 3.181 min Scan# 285
Delta R.T. -0.005 min
Lab File: V00251228A06.D
Acq: 28 Dec 2025 05:53 pm

Tgt Ion: 76 Resp: 13244

Ion	Ratio	Lower	Upper
76	100		
78	8.0	6.4	13.4

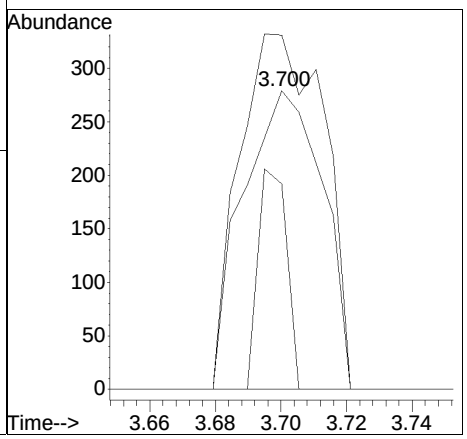


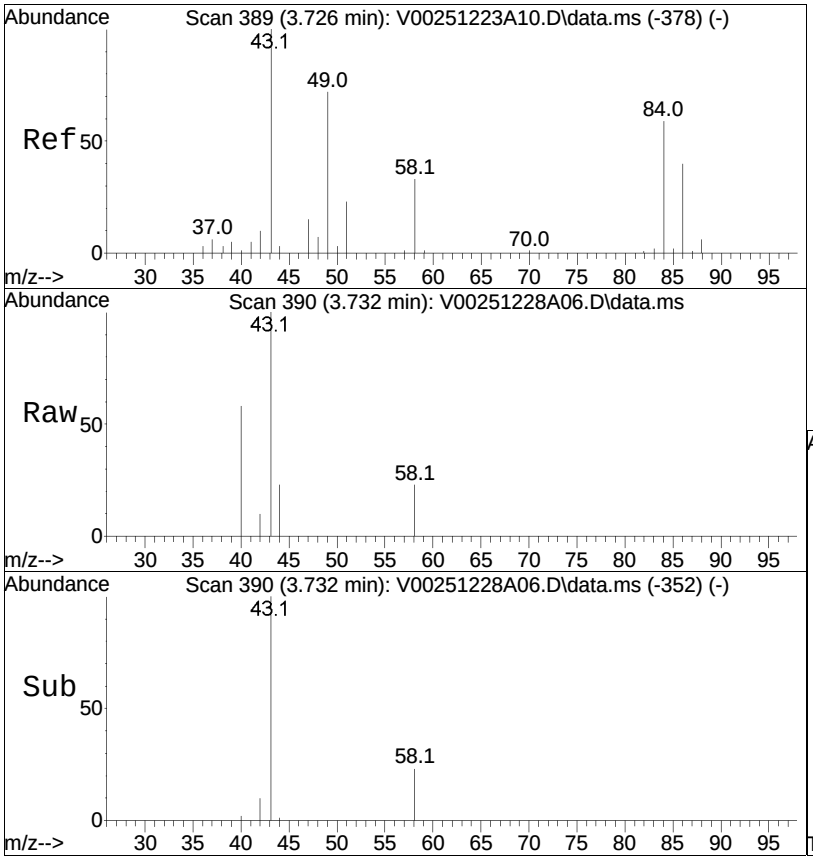


#15
Methylene chloride
Concen: 0.21 ug/L
RT: 3.700 min Scan# 384
Delta R.T. 0.000 min
Lab File: V00251228A06.D
Acq: 28 Dec 2025 05:53 pm

Tgt Ion: 84 Resp: 471

Ion	Ratio	Lower	Upper
84	100		
86	26.5	39.6	82.2#
49	125.9	72.7	150.9

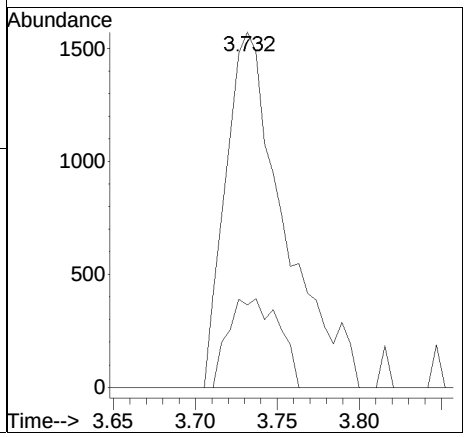


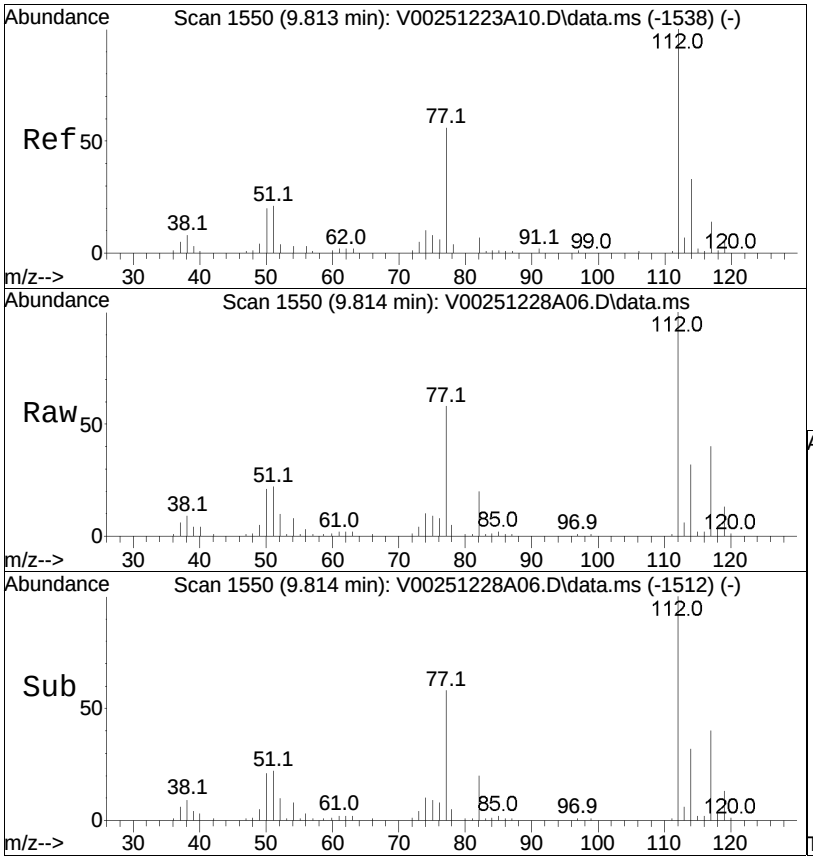


#17
Acetone
Concen: 3.86 ug/L
RT: 3.732 min Scan# 390
Delta R.T. -0.000 min
Lab File: V00251228A06.D
Acq: 28 Dec 2025 05:53 pm

Tgt Ion: 43 Resp: 3910

Ion	Ratio	Lower	Upper
43	100		
58	21.7	27.2	40.8#

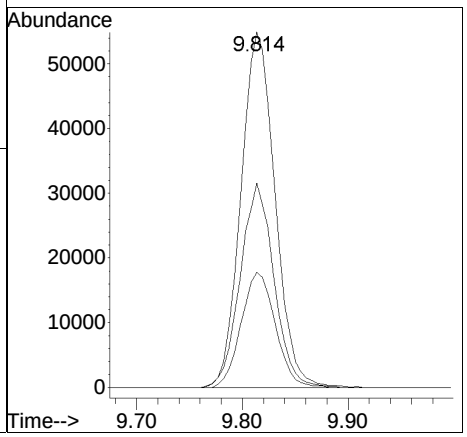




#74
Chlorobenzene
Concen: 19.03 ug/L
RT: 9.814 min Scan# 1550
Delta R.T. 0.000 min
Lab File: V00251228A06.D
Acq: 28 Dec 2025 05:53 pm

Tgt Ion:112 Resp: 123049

Ion	Ratio	Lower	Upper
112	100		
77	56.7	57.9	86.9#
114	32.4	25.7	38.5



Manual Integration Report

Data Path	: K:\VOA100\2025\251228A\	QMethod	: V100_251223A_8260.m
Data File	: V00251228A06.D	Operator	: VOA100:JIC
Date Inj'd	: 12/28/2025 5:53 pm	Instrument	: VOA100
Sample	: L2580856-02,31,6.62,5,,Y	Quant Date	: 12/29/2025 6:16 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A06.D
Acq On : 28 Dec 2025 05:53 pm
Operator : VOA100:JIC
Sample : L2580856-02,31,6.62,5,,Y
Misc : WG2159676,ICAL22914
ALS Vial : 9 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V00251228A06.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.404	699	709	740	rVB	60749	142004	18.20%	5.682%
2	5.934	801	810	831	rBV	49097	112062	14.36%	4.484%
3	6.227	855	866	900	rVB	135562	310448	39.79%	12.423%
4	7.937	1179	1192	1218	rBV	186350	419403	53.75%	16.783%
5	9.803	1535	1548	1571	rVB2	267268	780231	100.00%	31.222%
6	11.261	1807	1826	1841	rBV	166419	311397	39.91%	12.461%
7	12.461	2046	2055	2069	rBV	258992	423438	54.27%	16.944%

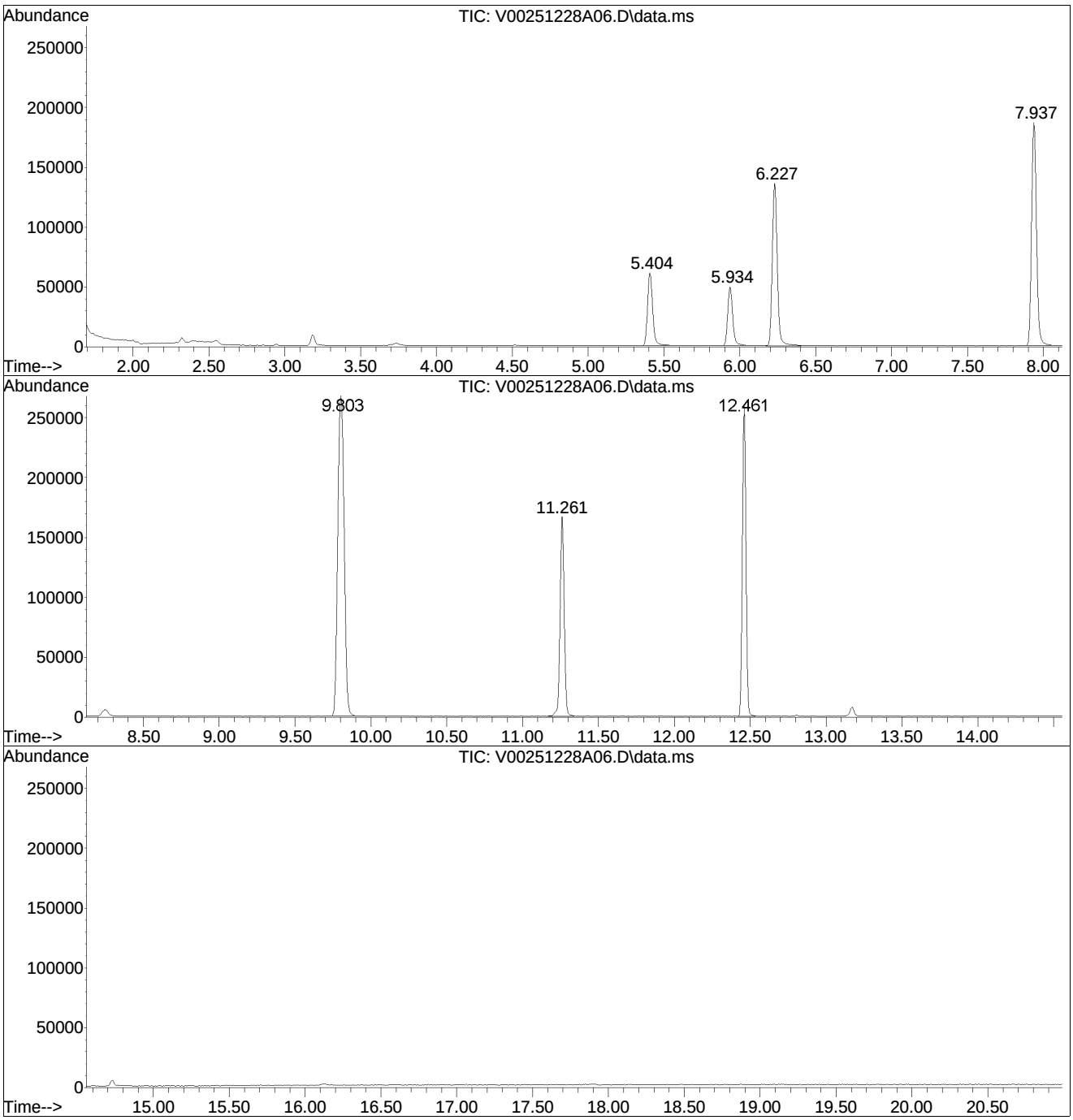
Sum of corrected areas: 2498983

LSC Report - Integrated Chromatogram

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A06.D
Acq On : 28 Dec 2025 05:53 pm
Operator : VOA100:JIC
Sample : L2580856-02,31,6.62,5,,Y
Misc : WG2159676,ICAL22914
ALS Vial : 9 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A06.D
Acq On : 28 Dec 2025 05:53 pm
Operator : VOA100:JIC
Sample : L2580856-02,31,6.62,5,,Y
Misc : WG2159676,ICAL22914
ALS Vial : 9 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A06.D
Acq On : 28 Dec 2025 05:53 pm
Operator : VOA100:JIC
Sample : L2580856-02,31,6.62,5,,Y
Misc : WG2159676,ICAL22914
ALS Vial : 9 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A07.D
Acq On : 28 Dec 2025 06:19 pm
Operator : VOA100:JIC
Sample : L2580856-10,31,5.62,5,,Y
Misc : WG2159676,ICAL22914
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 29 06:48:06 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	152417	20.000	ug/L	0.00
Standard Area 1 = 159908			Recovery = 95.32%			
60) Chlorobenzene-d5	9.793	117	140105	20.000	ug/L	0.00
Standard Area 1 = 142938			Recovery = 98.02%			
80) 1,4-Dichlorobenzene-d4	12.461	152	82056	20.000	ug/L	0.00
Standard Area 1 = 85973			Recovery = 95.44%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.404	113	44476	21.006	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.03%			
44) 1,2-Dichloroethane-d4	5.934	65	44976	21.374	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.87%			
61) Toluene-d8	7.937	98	166789	18.525	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 92.62%			
84) 4-Bromofluorobenzene	11.261	95	65803	20.122	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.61%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.186	76	14049	1.821	ug/L	96
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.695	84	483	0.205	ug/L #	64
17) Acetone	3.732	43	16081	15.172	ug/L #	87
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Cyclohexane	0.000		0	N.D.		
33) Chloroform	0.000		0	N.D.		
35) Carbon tetrachloride	0.000		0	N.D.		
38) 1,1,1-Trichloroethane	0.000		0	N.D.		

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A07.D
Acq On : 28 Dec 2025 06:19 pm
Operator : VOA100:JIC
Sample : L2580856-10,31,5.62,5,,Y
Misc : WG2159676,ICAL22914
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 29 06:48:06 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2-Butanone	0.000		0	N.D.	d	
42) Benzene	5.808	78	1126	0.140	ug/L #	62
45) 1,2-Dichloroethane	0.000		0	N.D.		
48) Methyl cyclohexane	0.000		0	N.D.		
49) Trichloroethene	0.000		0	N.D.		
52) 1,2-Dichloropropane	0.000		0	N.D.		
55) Bromodichloromethane	0.000		0	N.D.		
59) cis-1,3-Dichloropropene	0.000		0	N.D.		
62) Toluene	0.000		0	N.D.		
63) 4-Methyl-2-pentanone	0.000		0	N.D.		
64) Tetrachloroethene	0.000		0	N.D.		
66) trans-1,3-Dichloropropene	0.000		0	N.D.		
69) 1,1,2-Trichloroethane	0.000		0	N.D.		
70) Chlorodibromomethane	0.000		0	N.D.		
72) 1,2-Dibromoethane	0.000		0	N.D.		
73) 2-Hexanone	0.000		0	N.D.		
74) Chlorobenzene	9.814	112	380857	53.757	ug/L #	86
75) Ethylbenzene	9.787	91	60	N.D.		
77) p/m Xylene	0.000		0	N.D.		
78) o Xylene	0.000		0	N.D.		
79) Styrene	0.000		0	N.D.		
81) Bromoform	0.000		0	N.D.		
83) Isopropylbenzene	0.000		0	N.D.		
86) n-Propylbenzene	11.255	91	109	N.D.		
88) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
91) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
95) tert-Butylbenzene	0.000		0	N.D.		
98) 1,2,4-Trimethylbenzene	0.000		0	N.D.		
99) sec-Butylbenzene	0.000		0	N.D.		
100) p-Isopropyltoluene	0.000		0	N.D.		
101) 1,3-Dichlorobenzene	12.398	146	165	N.D.		
102) 1,4-Dichlorobenzene	12.477	146	2821	0.443	ug/L #	75
104) n-Butylbenzene	0.000		0	N.D.		
105) 1,2-Dichlorobenzene	12.896	146	955	0.162	ug/L	87
107) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
110) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
111) Naphthalene	14.606	128	618	N.D.		

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A07.D
Acq On : 28 Dec 2025 06:19 pm
Operator : VOA100:JIC
Sample : L2580856-10,31,5.62,5,,Y
Misc : WG2159676,ICAL22914
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 29 06:48:06 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

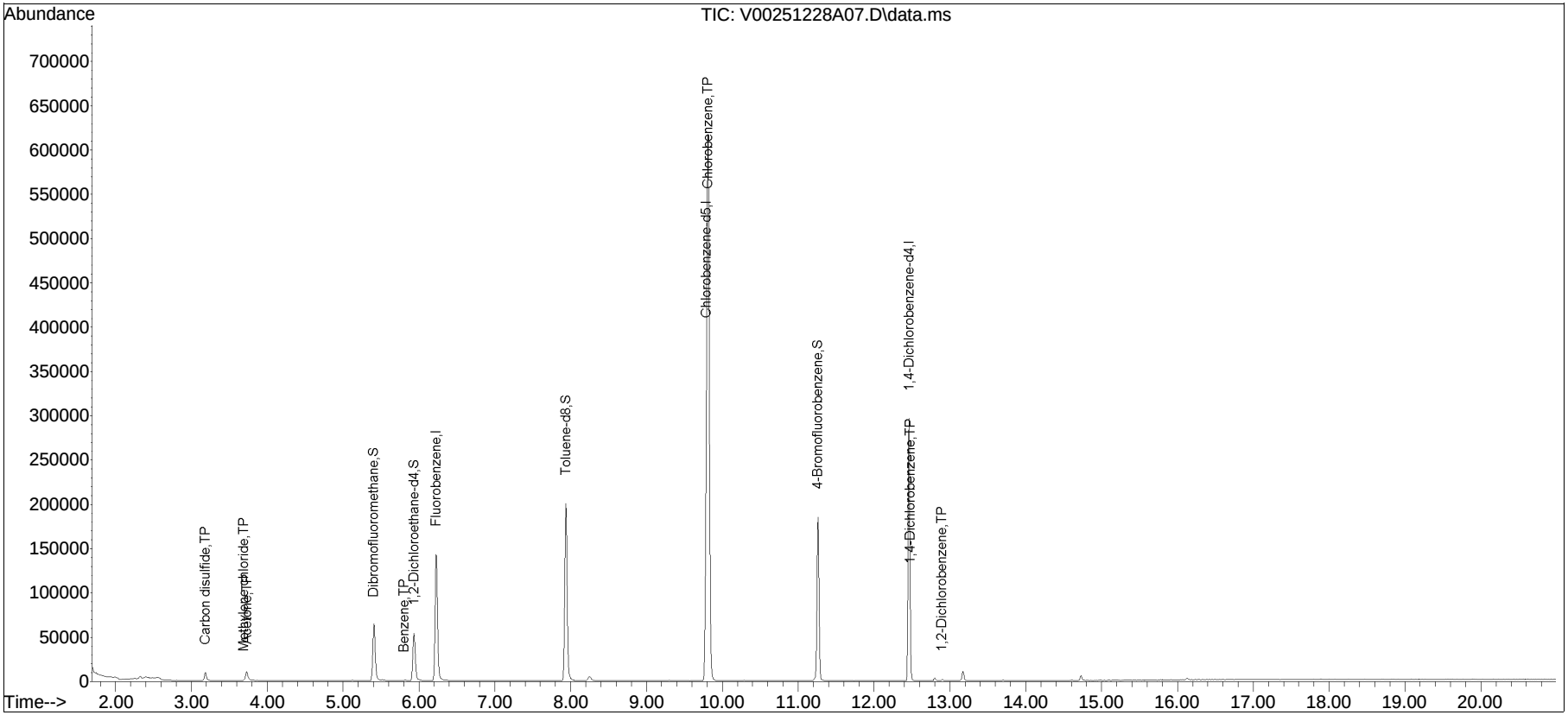
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

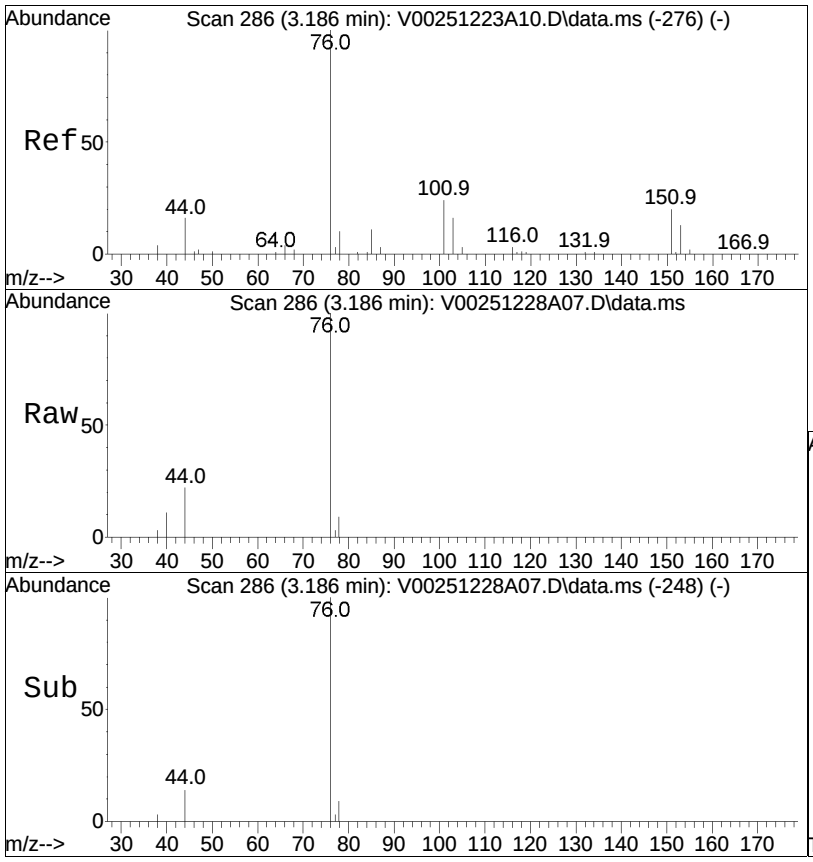
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A07.D
Acq On : 28 Dec 2025 06:19 pm
Operator : VOA100:JIC
Sample : L2580856-10,31,5.62,5,,Y
Misc : WG2159676,ICAL22914
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 29 06:48:06 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS1228A01.D•

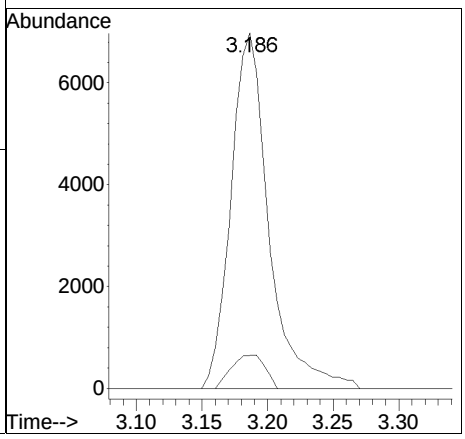


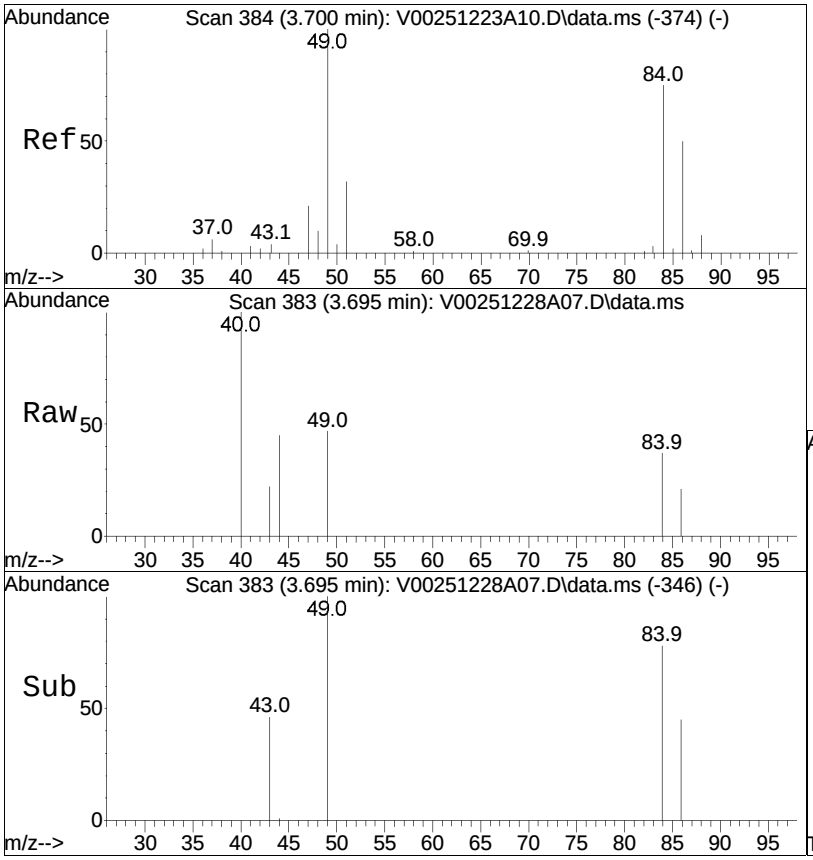


#11
Carbon disulfide
Concen: 1.82 ug/L
RT: 3.186 min Scan# 286
Delta R.T. 0.000 min
Lab File: V00251228A07.D
Acq: 28 Dec 2025 06:19 pm

Tgt Ion: 76 Resp: 14049

Ion	Ratio	Lower	Upper
76	100		
78	8.3	6.4	13.4

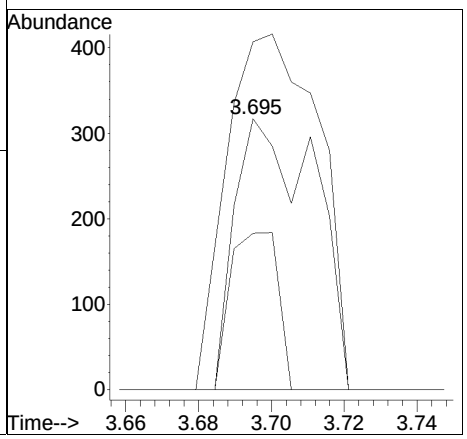


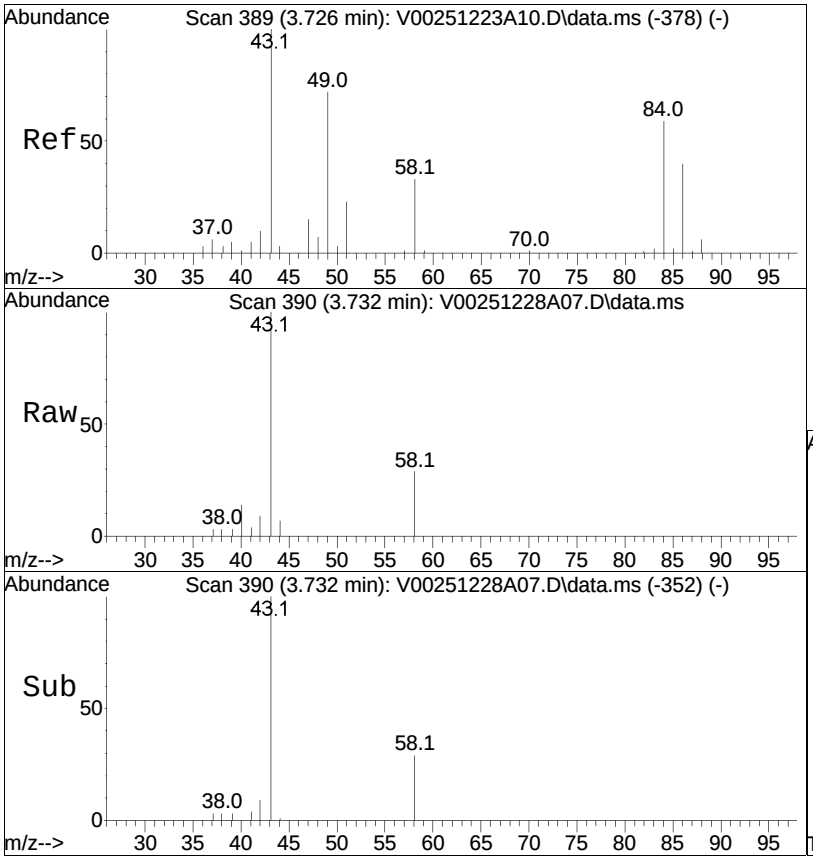


#15
Methylene chloride
Concen: 0.21 ug/L
RT: 3.695 min Scan# 383
Delta R.T. -0.005 min
Lab File: V00251228A07.D
Acq: 28 Dec 2025 06:19 pm

Tgt Ion: 84 Resp: 483

Ion	Ratio	Lower	Upper
84	100		
86	34.6	39.6	82.2#
49	150.5	72.7	150.9

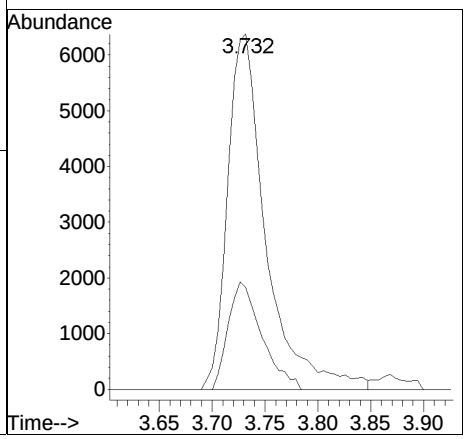


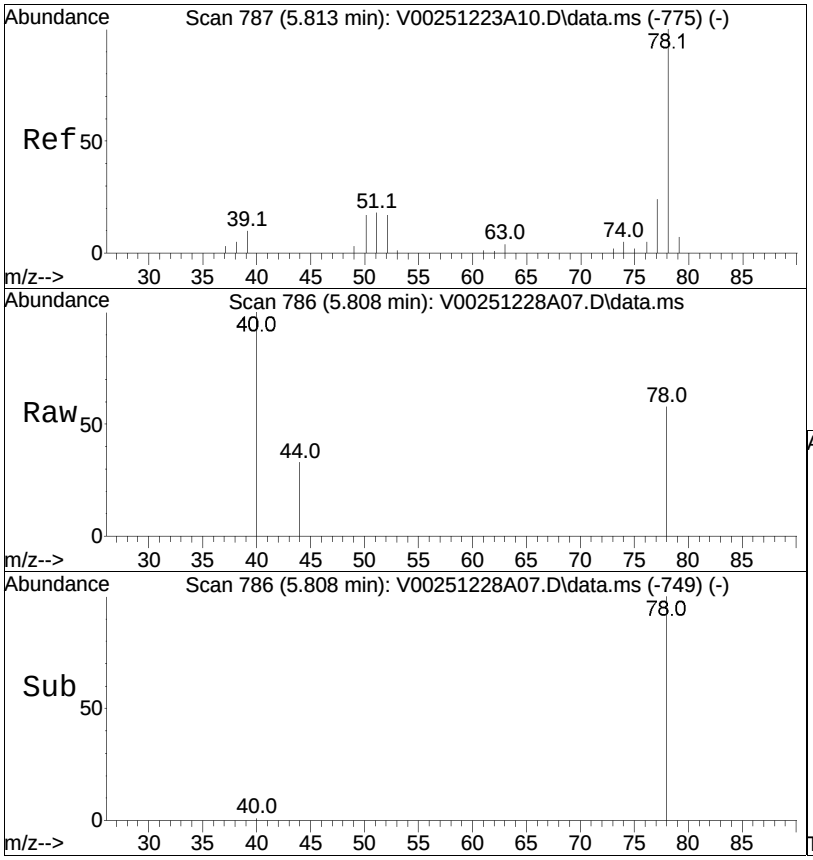


#17
Acetone
Concen: 15.17 ug/L
RT: 3.732 min Scan# 390
Delta R.T. -0.000 min
Lab File: V00251228A07.D
Acq: 28 Dec 2025 06:19 pm

Tgt Ion: 43 Resp: 16081

Ion	Ratio	Lower	Upper
43	100		
58	26.5	27.2	40.8#

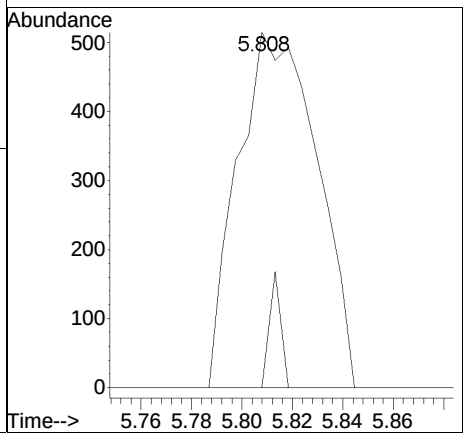


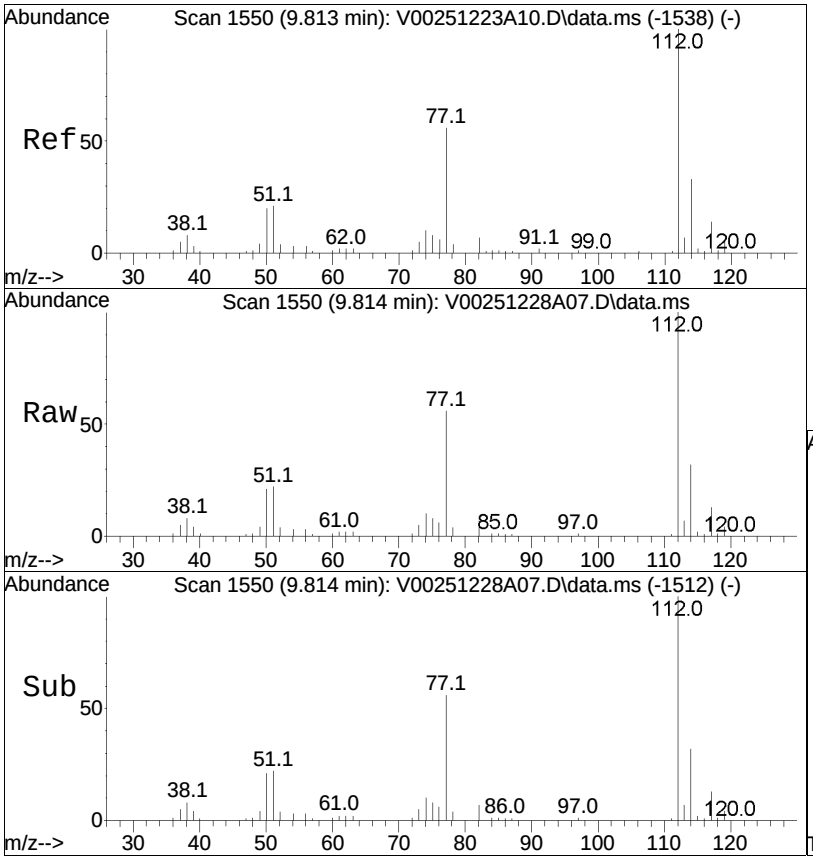


#42
Benzene
Concen: 0.14 ug/L
RT: 5.808 min Scan# 786
Delta R.T. -0.005 min
Lab File: V00251228A07.D
Acq: 28 Dec 2025 06:19 pm

Tgt Ion: 78 Resp: 1126

Ion	Ratio	Lower	Upper
78	100		
77	4.7	15.6	32.4#
51	0.0	10.2	21.2#
52	0.0	9.6	19.8#

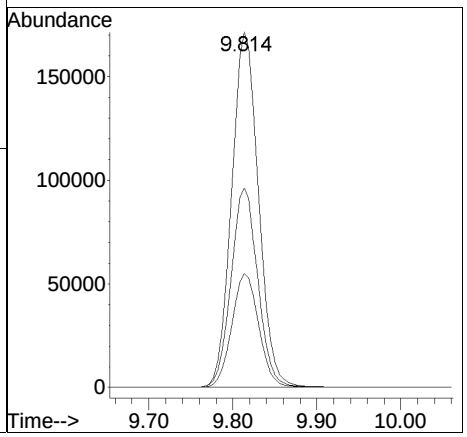


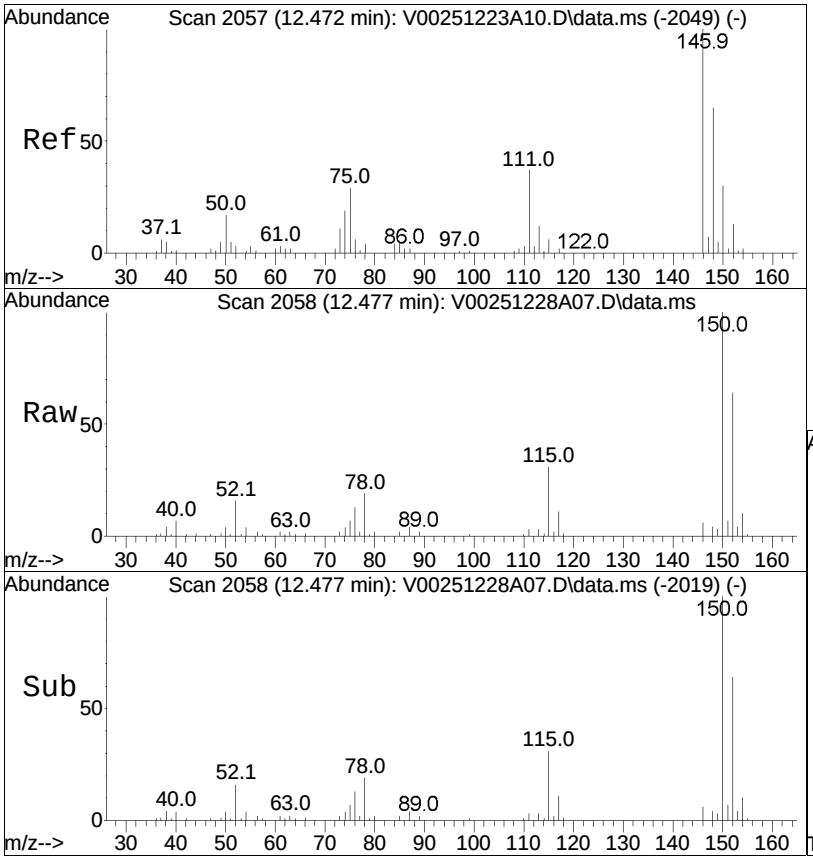


#74
Chlorobenzene
Concen: 53.76 ug/L
RT: 9.814 min Scan# 1550
Delta R.T. 0.000 min
Lab File: V00251228A07.D
Acq: 28 Dec 2025 06:19 pm

Tgt Ion:112 Resp: 380857

Ion	Ratio	Lower	Upper
112	100		
77	55.9	57.9	86.9#
114	32.1	25.7	38.5

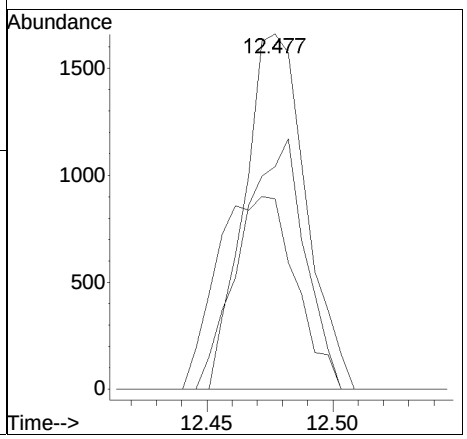


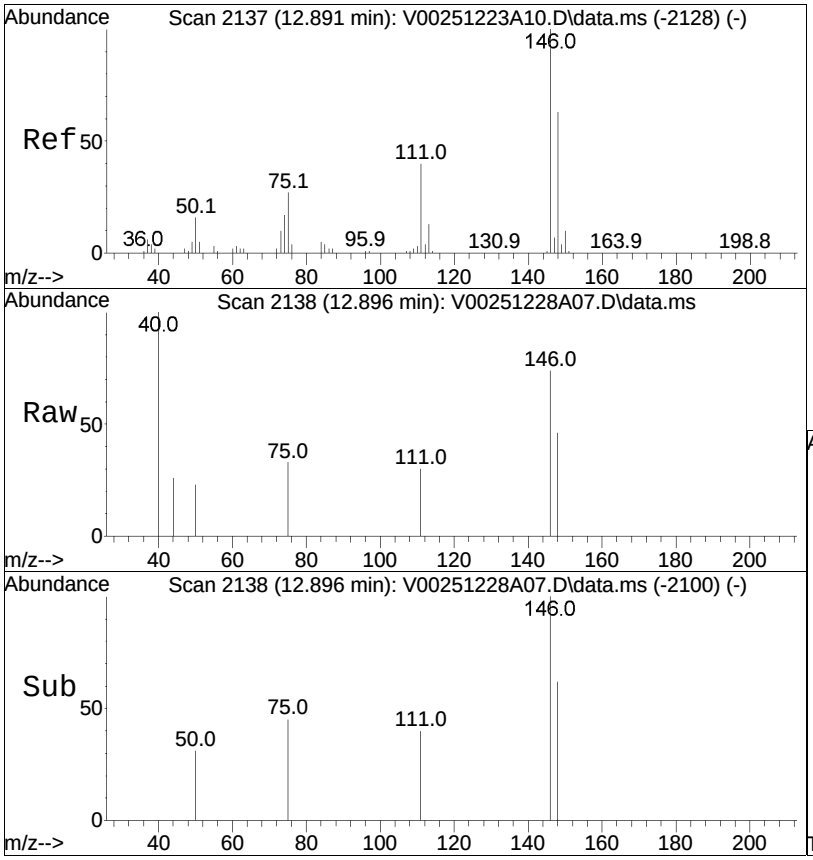


#102
1,4-Dichlorobenzene
Concen: 0.44 ug/L
RT: 12.477 min Scan# 2058
Delta R.T. 0.005 min
Lab File: V00251228A07.D
Acq: 28 Dec 2025 06:19 pm

Tgt Ion:146 Resp: 2821

Ion	Ratio	Lower	Upper
146	100		
111	69.3	32.1	48.1#
148	71.9	50.6	75.8

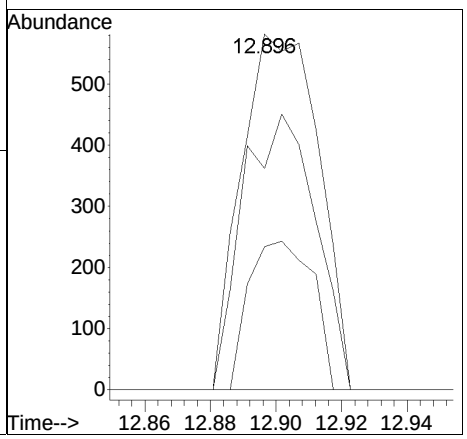




#105
1,2-Dichlorobenzene
Concen: 0.16 ug/L
RT: 12.896 min Scan# 2138
Delta R.T. 0.000 min
Lab File: V00251228A07.D
Acq: 28 Dec 2025 06:19 pm

Tgt Ion:146 Resp: 955

Ion	Ratio	Lower	Upper
146	100		
111	34.7	26.9	55.9
148	72.9	40.3	83.7



Manual Integration Report

Data Path	: K:\VOA100\2025\251228A\	QMethod	: V100_251223A_8260.m
Data File	: V00251228A07.D	Operator	: VOA100:JIC
Date Inj'd	: 12/28/2025 6:19 pm	Instrument	: VOA100
Sample	: L2580856-10,31,5.62,5,,Y	Quant Date	: 12/29/2025 6:16 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A07.D
Acq On : 28 Dec 2025 06:19 pm
Operator : VOA100:JIC
Sample : L2580856-10,31,5.62,5,,Y
Misc : WG2159676,ICAL22914
ALS Vial : 10 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V00251228A07.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.409	699	710	727	rBV2	64140	147835	9.11%	4.232%
2	5.934	800	810	830	rBV	53454	122241	7.53%	3.500%
3	6.227	856	866	903	rVB	142794	324701	20.00%	9.296%
4	7.937	1181	1192	1216	rBV	200029	438803	27.03%	12.562%
5	9.808	1535	1549	1568	rBV2	616670	1623418	100.00%	46.476%
6	11.261	1812	1826	1842	rVB	184682	345342	21.27%	9.887%
7	12.461	2045	2055	2073	rBV	296012	490670	30.22%	14.047%

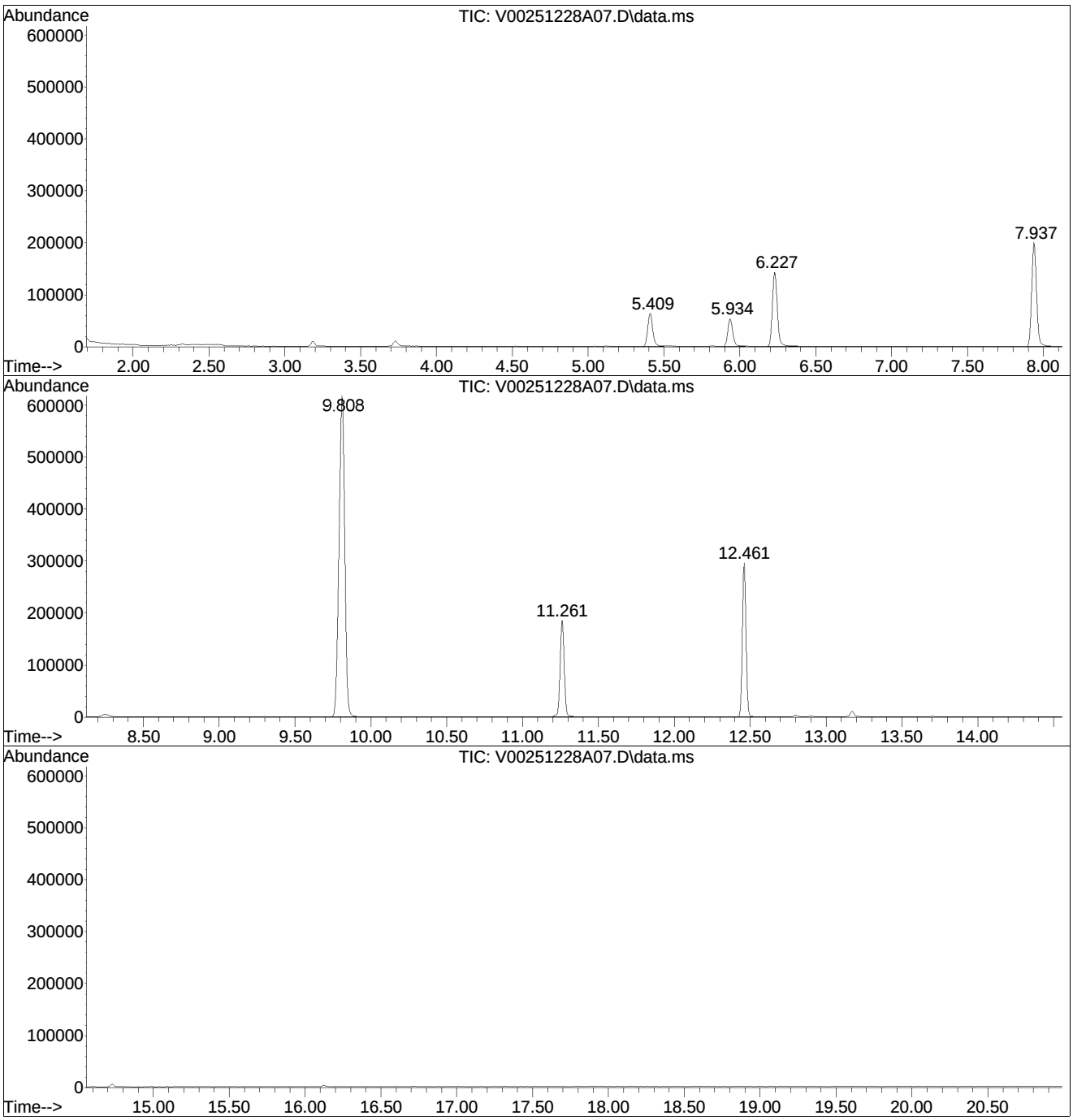
Sum of corrected areas: 3493010

LSC Report - Integrated Chromatogram

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A07.D
Acq On : 28 Dec 2025 06:19 pm
Operator : VOA100:JIC
Sample : L2580856-10,31,5.62,5,,Y
Misc : WG2159676,ICAL22914
ALS Vial : 10 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A07.D
Acq On : 28 Dec 2025 06:19 pm
Operator : VOA100:JIC
Sample : L2580856-10,31,5.62,5,,Y
Misc : WG2159676,ICAL22914
ALS Vial : 10 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A07.D
Acq On : 28 Dec 2025 06:19 pm
Operator : VOA100:JIC
Sample : L2580856-10,31,5.62,5,,Y
Misc : WG2159676,ICAL22914
ALS Vial : 10 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A13.D
Acq On : 28 Dec 2025 08:55 pm
Operator : VOA100:JIC
Sample : L2580856-05,31,5.31,5,,Y
Misc : WG2159676,ICAL22914
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 29 06:49:52 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	139810	20.000	ug/L	0.00
Standard Area 1 = 159908			Recovery = 87.43%			
60) Chlorobenzene-d5	9.793	117	129279	20.000	ug/L	0.00
Standard Area 1 = 142938			Recovery = 90.44%			
80) 1,4-Dichlorobenzene-d4	12.461	152	70099	20.000	ug/L	0.00
Standard Area 1 = 85973			Recovery = 81.54%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	41610	21.424	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.12%			
44) 1,2-Dichloroethane-d4	5.934	65	41900	21.708	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 108.54%			
61) Toluene-d8	7.937	98	155953	18.772	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.86%			
84) 4-Bromofluorobenzene	11.261	95	59274	21.217	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.08%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.186	76	12729	1.798	ug/L	95
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.700	84	476	0.220	ug/L #	71
17) Acetone	3.732	43	5938	6.108	ug/L #	84
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Cyclohexane	0.000		0	N.D.		
33) Chloroform	0.000		0	N.D.		
35) Carbon tetrachloride	0.000		0	N.D.		
38) 1,1,1-Trichloroethane	0.000		0	N.D.		

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A13.D
Acq On : 28 Dec 2025 08:55 pm
Operator : VOA100:JIC
Sample : L2580856-05,31,5.31,5,,Y
Misc : WG2159676,ICAL22914
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 29 06:49:52 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2-Butanone	0.000		0	N.D.	d	
42) Benzene	5.818	78	517	N.D.		
45) 1,2-Dichloroethane	0.000		0	N.D.		
48) Methyl cyclohexane	0.000		0	N.D.		
49) Trichloroethene	0.000		0	N.D.		
52) 1,2-Dichloropropane	0.000		0	N.D.		
55) Bromodichloromethane	0.000		0	N.D.		
59) cis-1,3-Dichloropropene	0.000		0	N.D.		
62) Toluene	0.000		0	N.D.		
63) 4-Methyl-2-pentanone	0.000		0	N.D.		
64) Tetrachloroethene	0.000		0	N.D.		
66) trans-1,3-Dichloropropene	0.000		0	N.D.		
69) 1,1,2-Trichloroethane	0.000		0	N.D.		
70) Chlorodibromomethane	0.000		0	N.D.		
72) 1,2-Dibromoethane	0.000		0	N.D.		
73) 2-Hexanone	0.000		0	N.D.		
74) Chlorobenzene	9.814	112	1196701	183.055	ug/L #	87
75) Ethylbenzene	0.000		0	N.D.		
77) p/m Xylene	0.000		0	N.D.		
78) o Xylene	0.000		0	N.D.		
79) Styrene	0.000		0	N.D.		
81) Bromoform	0.000		0	N.D.		
83) Isopropylbenzene	0.000		0	N.D.		
86) n-Propylbenzene	11.266	91	60	N.D.		
88) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
91) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
95) tert-Butylbenzene	0.000		0	N.D.		
98) 1,2,4-Trimethylbenzene	0.000		0	N.D.		
99) sec-Butylbenzene	0.000		0	N.D.		
100) p-Isopropyltoluene	0.000		0	N.D.		
101) 1,3-Dichlorobenzene	12.477	146	470	N.D.		
102) 1,4-Dichlorobenzene	12.477	146	470	N.D.		
104) n-Butylbenzene	0.000		0	N.D.		
105) 1,2-Dichlorobenzene	12.912	146	50	N.D.		
107) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
110) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
111) Naphthalene	14.601	128	264	N.D.		

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

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A13.D
Acq On : 28 Dec 2025 08:55 pm
Operator : VOA100:JIC
Sample : L2580856-05,31,5.31,5,,Y
Misc : WG2159676,ICAL22914
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 29 06:49:52 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

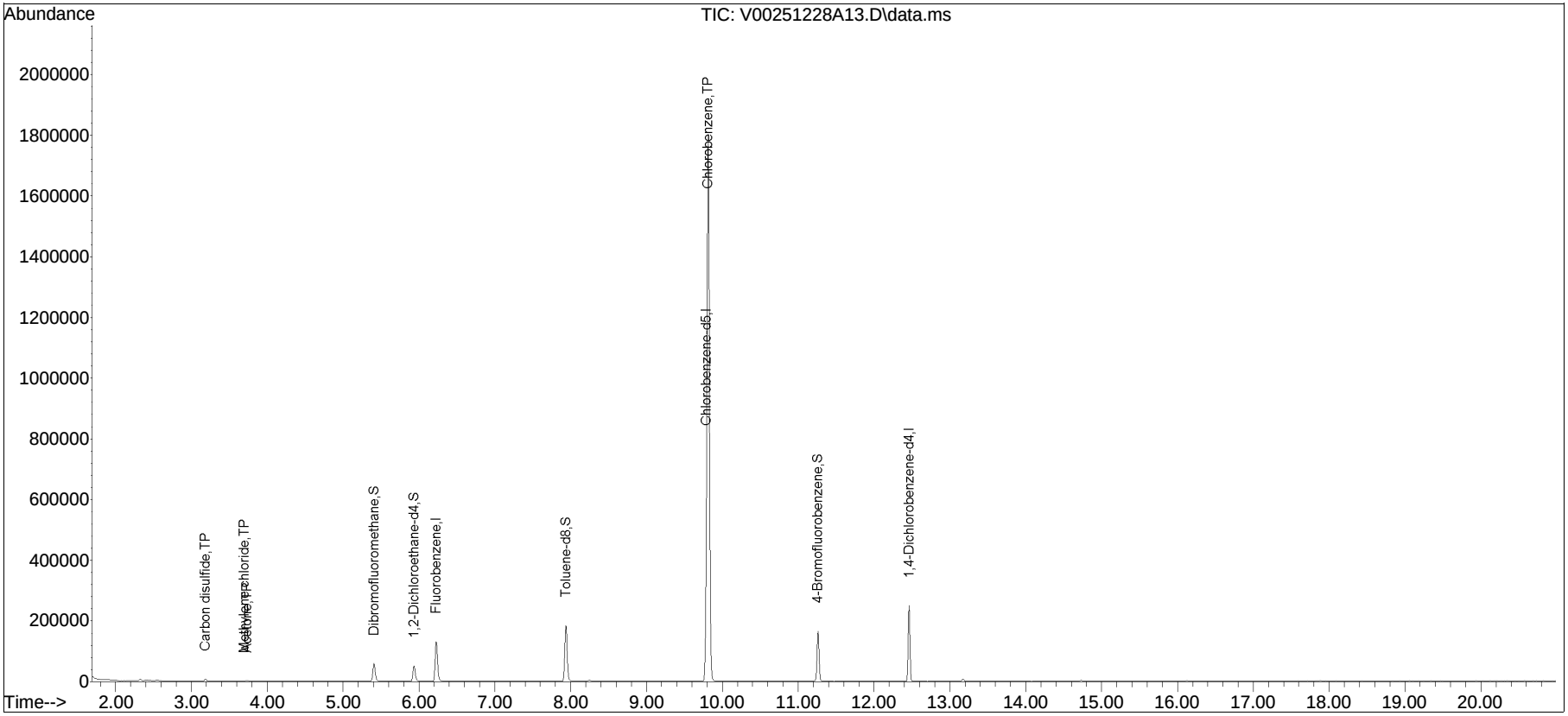
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

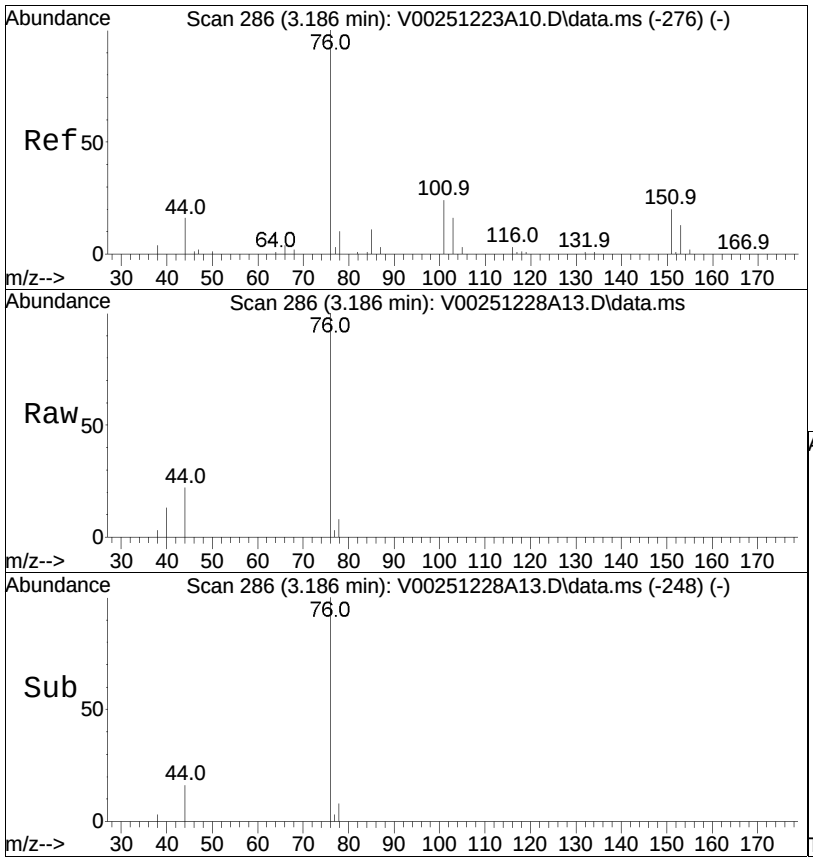
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A13.D
Acq On : 28 Dec 2025 08:55 pm
Operator : VOA100:JIC
Sample : L2580856-05,31,5.31,5,,Y
Misc : WG2159676,ICAL22914
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 29 06:49:52 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS1228A01.D•

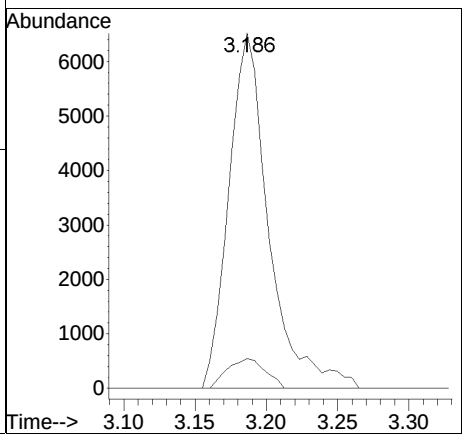


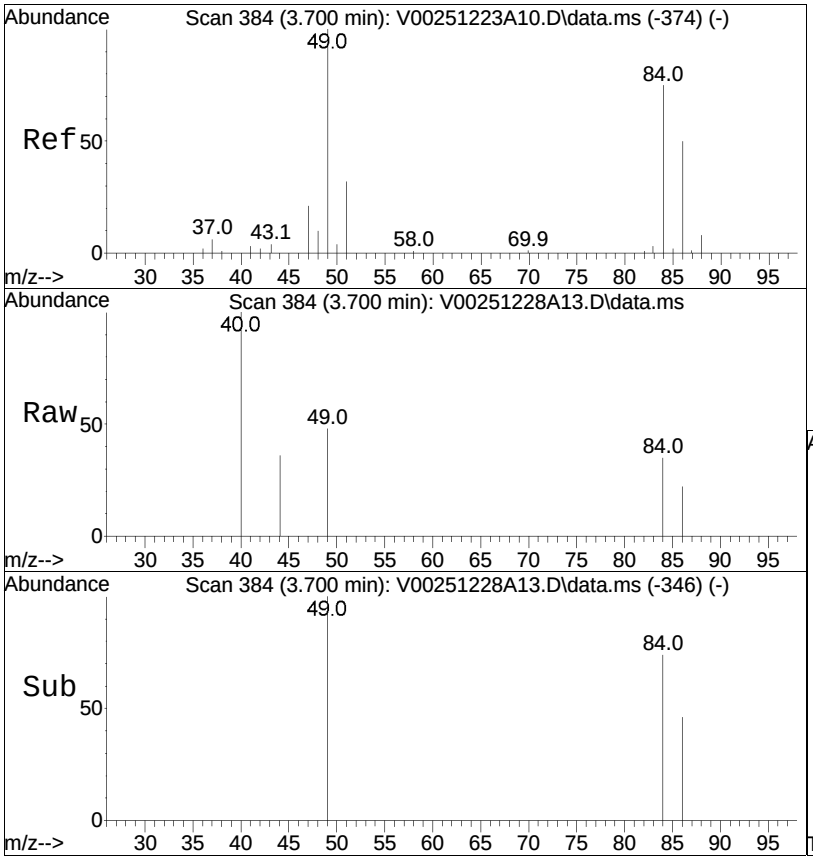


#11
Carbon disulfide
Concen: 1.80 ug/L
RT: 3.186 min Scan# 286
Delta R.T. 0.000 min
Lab File: V00251228A13.D
Acq: 28 Dec 2025 08:55 pm

Tgt Ion: 76 Resp: 12729

Ion	Ratio	Lower	Upper
76	100		
78	8.0	6.4	13.4

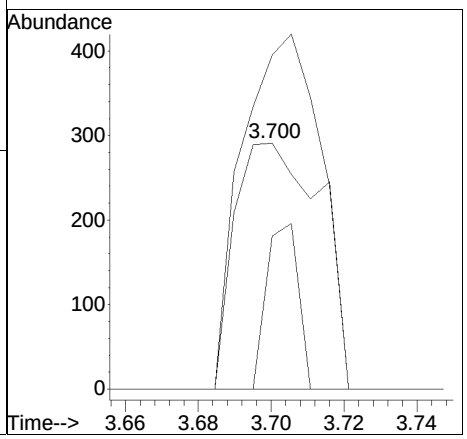


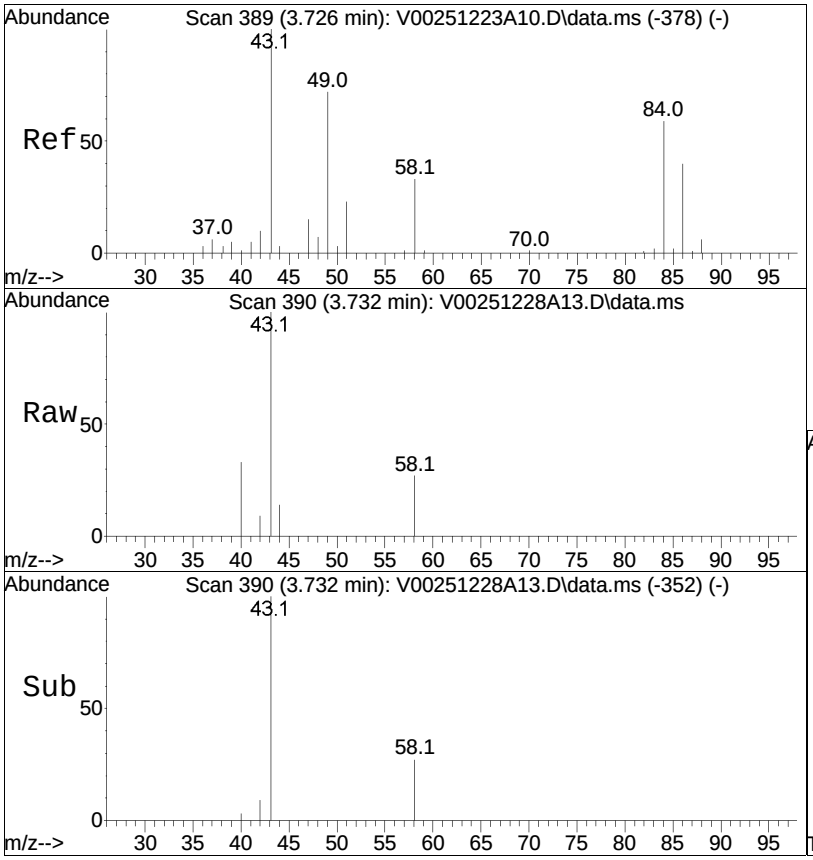


#15
Methylene chloride
Concen: 0.22 ug/L
RT: 3.700 min Scan# 384
Delta R.T. 0.000 min
Lab File: V00251228A13.D
Acq: 28 Dec 2025 08:55 pm

Tgt Ion: 84 Resp: 476

Ion	Ratio	Lower	Upper
84	100		
86	25.0	39.6	82.2#
49	131.7	72.7	150.9

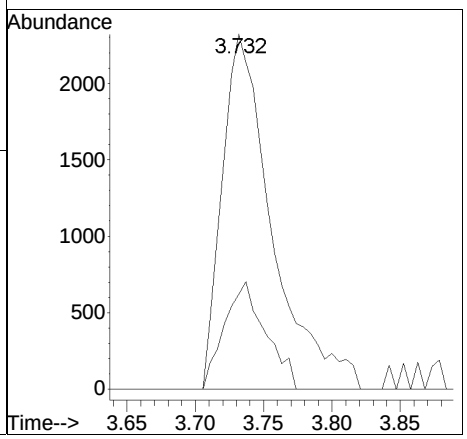


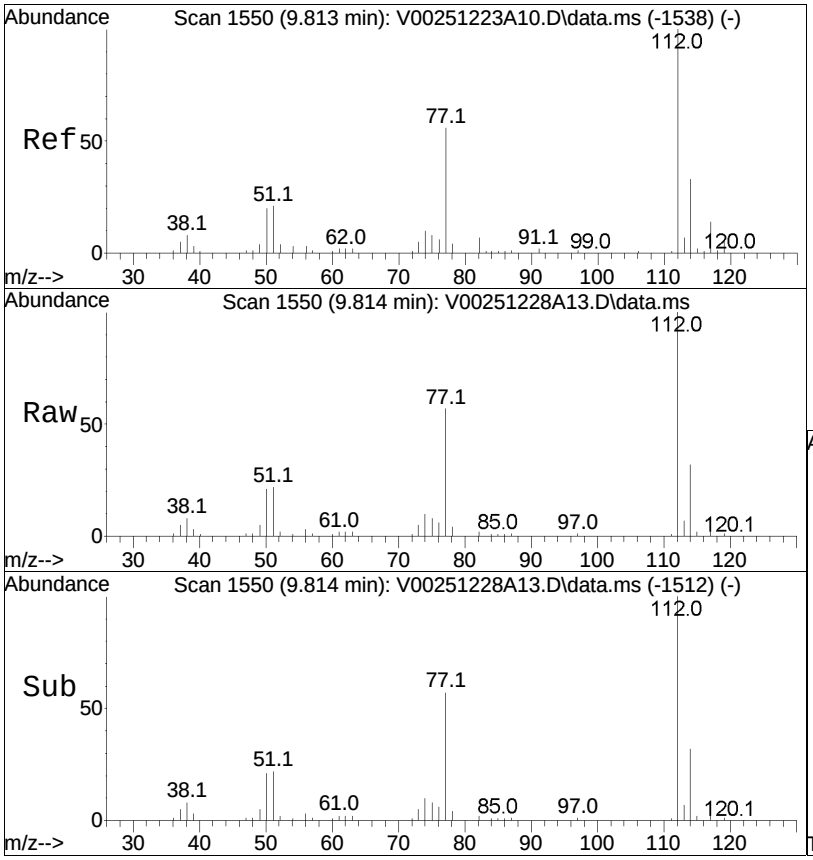


#17
Acetone
Concen: 6.11 ug/L
RT: 3.732 min Scan# 390
Delta R.T. -0.000 min
Lab File: V00251228A13.D
Acq: 28 Dec 2025 08:55 pm

Tgt Ion: 43 Resp: 5938

Ion	Ratio	Lower	Upper
43	100		
58	24.9	27.2	40.8#

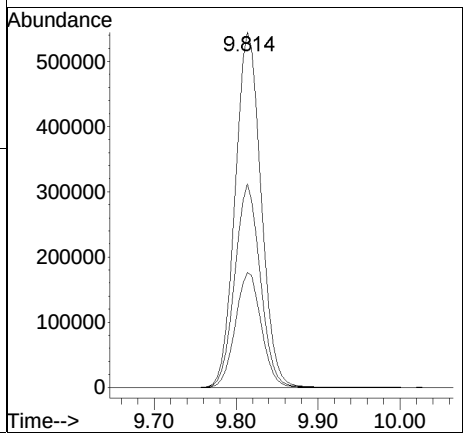




#74
Chlorobenzene
Concen: 183.06 ug/L
RT: 9.814 min Scan# 1550
Delta R.T. 0.000 min
Lab File: V00251228A13.D
Acq: 28 Dec 2025 08:55 pm

Tgt Ion:112 Resp: 1196701

Ion	Ratio	Lower	Upper
112	100		
77	56.3	57.9	86.9#
114	32.3	25.7	38.5



Manual Integration Report

Data Path	: K:\VOA100\2025\251228A\	QMethod	: V100_251223A_8260.m
Data File	: V00251228A13.D	Operator	: VOA100:JIC
Date Inj'd	: 12/28/2025 8:55 pm	Instrument	: VOA100
Sample	: L2580856-05,31,5.31,5,,Y	Quant Date	: 12/29/2025 6:16 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A13.D
Acq On : 28 Dec 2025 08:55 pm
Operator : VOA100:JIC
Sample : L2580856-05,31,5.31,5,,Y
Misc : WG2159676,ICAL22914
ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V00251228A13.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.409	695	710	727	rBV	59454	136727	3.27%	2.379%
2	6.227	856	866	888	rBV	131114	295203	7.06%	5.137%
3	7.937	1182	1192	1220	rVB	185215	410669	9.82%	7.146%
4	9.814	1535	1550	1576	rBV	1801710	4183849	100.00%	72.806%
5	11.261	1812	1826	1842	rVB	165835	308164	7.37%	5.363%
6	12.461	2046	2055	2072	rBV	249417	411933	9.85%	7.168%

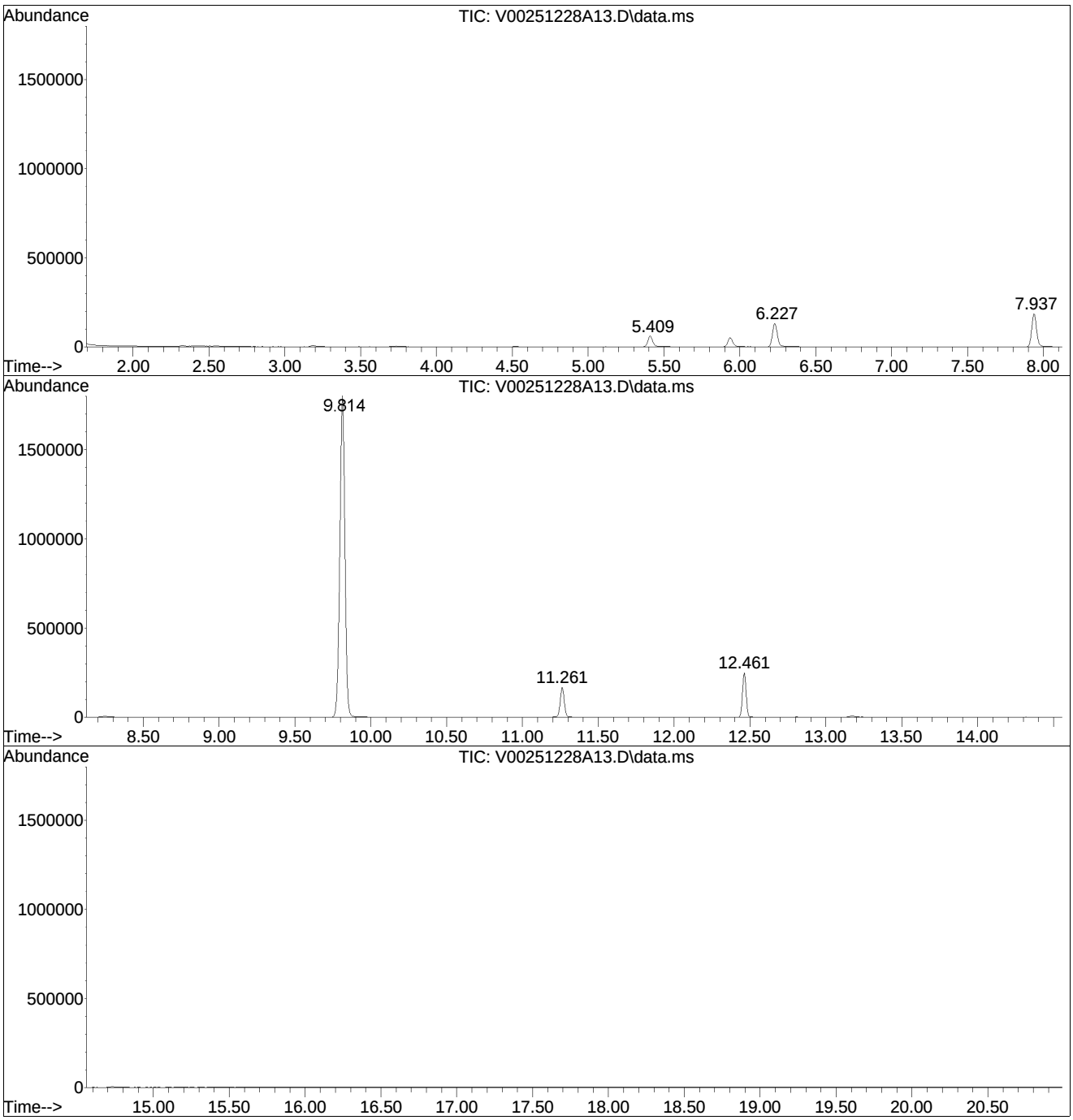
Sum of corrected areas: 5746545

LSC Report - Integrated Chromatogram

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A13.D
Acq On : 28 Dec 2025 08:55 pm
Operator : VOA100:JIC
Sample : L2580856-05,31,5.31,5,,Y
Misc : WG2159676,ICAL22914
ALS Vial : 13 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A13.D
Acq On : 28 Dec 2025 08:55 pm
Operator : VOA100:JIC
Sample : L2580856-05,31,5.31,5,,Y
Misc : WG2159676,ICAL22914
ALS Vial : 13 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A13.D
Acq On : 28 Dec 2025 08:55 pm
Operator : VOA100:JIC
Sample : L2580856-05,31,5.31,5,,Y
Misc : WG2159676,ICAL22914
ALS Vial : 13 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A08.D
Acq On : 28 Dec 2025 06:45 pm
Operator : VOA100:JIC
Sample : L2580856-01,31H,5.14,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 29 06:48:29 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.222	96	154975	20.000	ug/L	0.00
Standard Area 1 = 159908			Recovery = 96.92%			
60) Chlorobenzene-d5	9.793	117	140857	20.000	ug/L	0.00
Standard Area 1 = 142938			Recovery = 98.54%			
80) 1,4-Dichlorobenzene-d4	12.461	152	82478	20.000	ug/L	0.00
Standard Area 1 = 85973			Recovery = 95.93%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.404	113	43359	20.140	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.70%			
44) 1,2-Dichloroethane-d4	5.928	65	43986	20.559	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.80%			
61) Toluene-d8	7.937	98	168599	18.626	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.13%			
84) 4-Bromofluorobenzene	11.261	95	64956	19.762	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.81%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.363	94	367	0.295	ug/L	99
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.165	76	11702	1.491	ug/L	92
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.690	84	454	0.190	ug/L #	60
17) Acetone	0.000		0	N.D.	d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D.	d	
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Cyclohexane	0.000		0	N.D.		
33) Chloroform	5.231	83	752	0.177	ug/L #	70
35) Carbon tetrachloride	0.000		0	N.D.		
38) 1,1,1-Trichloroethane	0.000		0	N.D.		

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A08.D
Acq On : 28 Dec 2025 06:45 pm
Operator : VOA100:JIC
Sample : L2580856-01,31H,5.14,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 29 06:48:29 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2-Butanone	0.000		0	N.D.	d	
42) Benzene	0.000		0	N.D.		
45) 1,2-Dichloroethane	0.000		0	N.D.		
48) Methyl cyclohexane	0.000		0	N.D.		
49) Trichloroethene	6.416	95	51	N.D.		
52) 1,2-Dichloropropane	0.000		0	N.D.		
55) Bromodichloromethane	0.000		0	N.D.		
59) cis-1,3-Dichloropropene	0.000		0	N.D.		
62) Toluene	0.000		0	N.D.		
63) 4-Methyl-2-pentanone	0.000		0	N.D.		
64) Tetrachloroethene	0.000		0	N.D.		
66) trans-1,3-Dichloropropene	0.000		0	N.D.		
69) 1,1,2-Trichloroethane	0.000		0	N.D.		
70) Chlorodibromomethane	0.000		0	N.D.		
72) 1,2-Dibromoethane	0.000		0	N.D.		
73) 2-Hexanone	0.000		0	N.D.		
74) Chlorobenzene	9.814	112	2721904	382.137	ug/L #	87
75) Ethylbenzene	9.855	91	48	N.D.		
77) p/m Xylene	0.000		0	N.D.		
78) o Xylene	0.000		0	N.D.		
79) Styrene	0.000		0	N.D.		
81) Bromoform	0.000		0	N.D.		
83) Isopropylbenzene	0.000		0	N.D.		
86) n-Propylbenzene	11.544	91	47	N.D.		
88) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
91) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
95) tert-Butylbenzene	0.000		0	N.D.		
98) 1,2,4-Trimethylbenzene	0.000		0	N.D.		
99) sec-Butylbenzene	0.000		0	N.D.		
100) p-Isopropyltoluene	0.000		0	N.D.		
101) 1,3-Dichlorobenzene	12.477	146	380	N.D.		
102) 1,4-Dichlorobenzene	12.477	146	380	N.D.		
104) n-Butylbenzene	0.000		0	N.D.		
105) 1,2-Dichlorobenzene	0.000		0	N.D.		
107) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
110) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
111) Naphthalene	14.606	128	557	N.D.		

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

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A08.D
Acq On : 28 Dec 2025 06:45 pm
Operator : VOA100:JIC
Sample : L2580856-01,31H,5.14,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 29 06:48:29 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

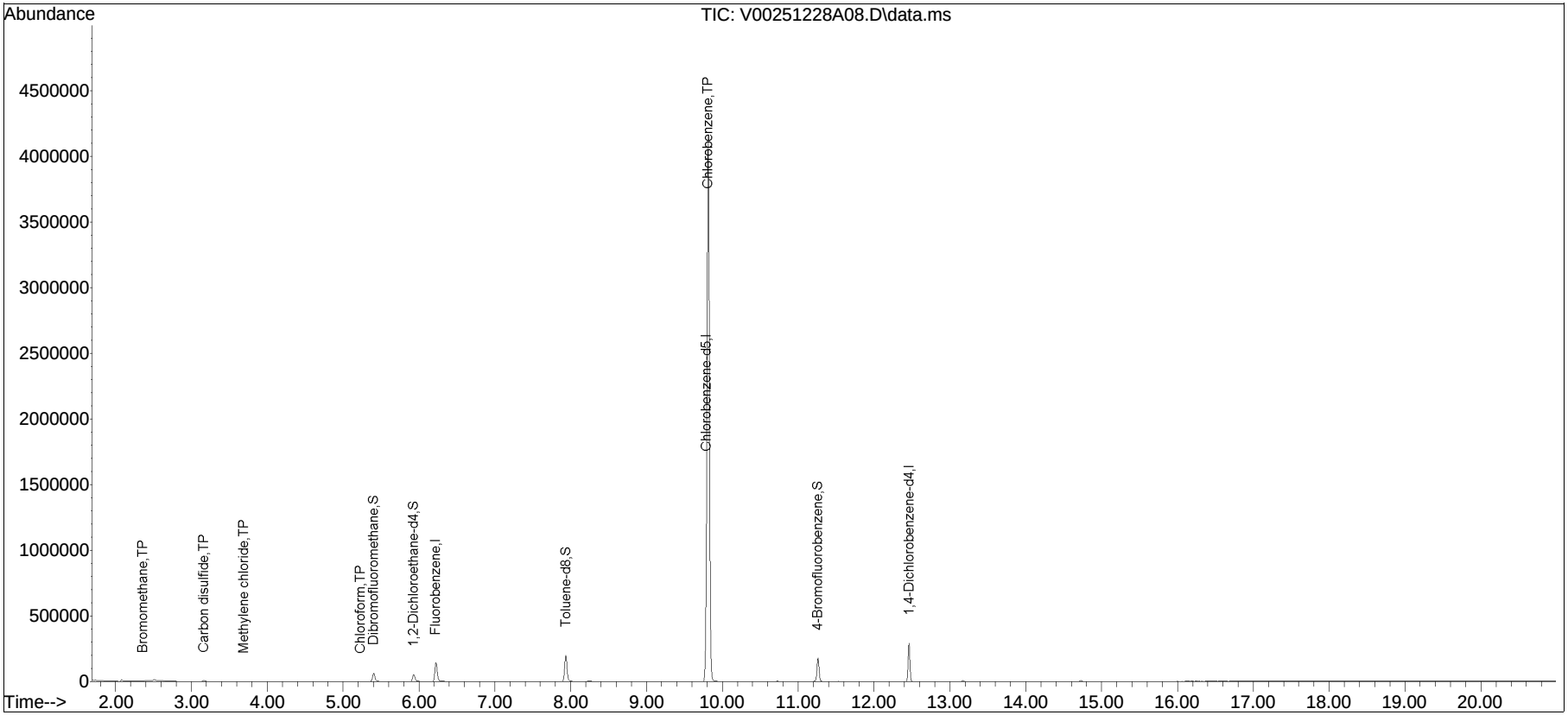
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

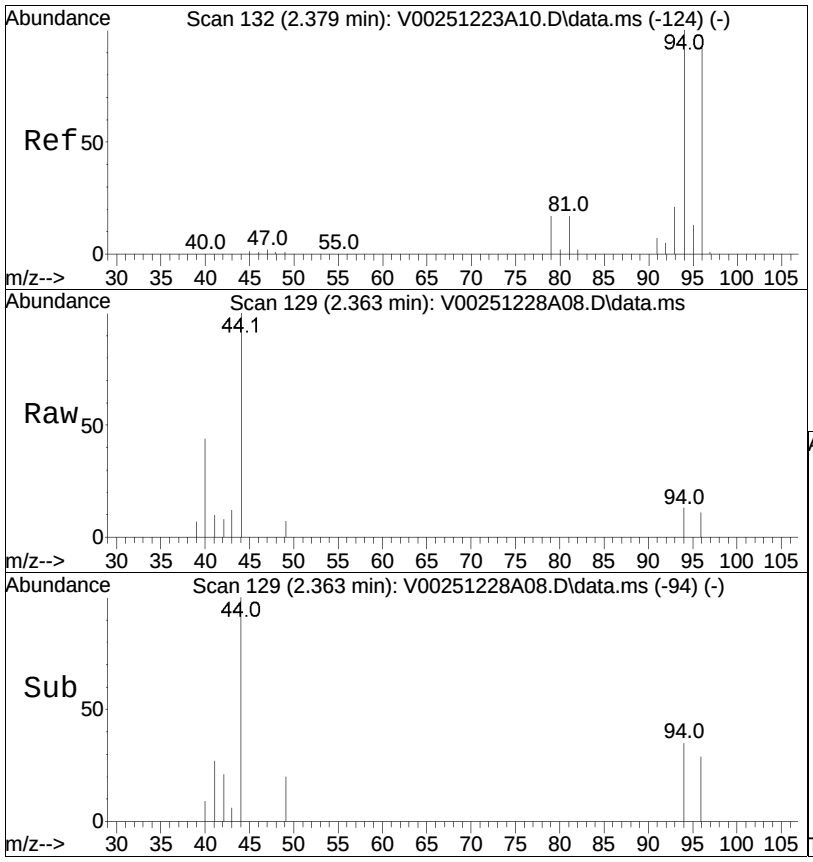
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A08.D
Acq On : 28 Dec 2025 06:45 pm
Operator : VOA100:JIC
Sample : L2580856-01,31H,5.14,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 29 06:48:29 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS1228A01.D•

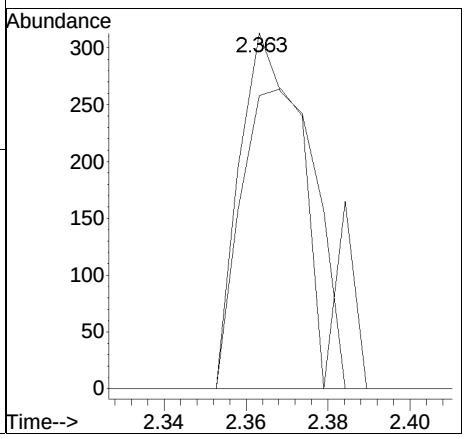


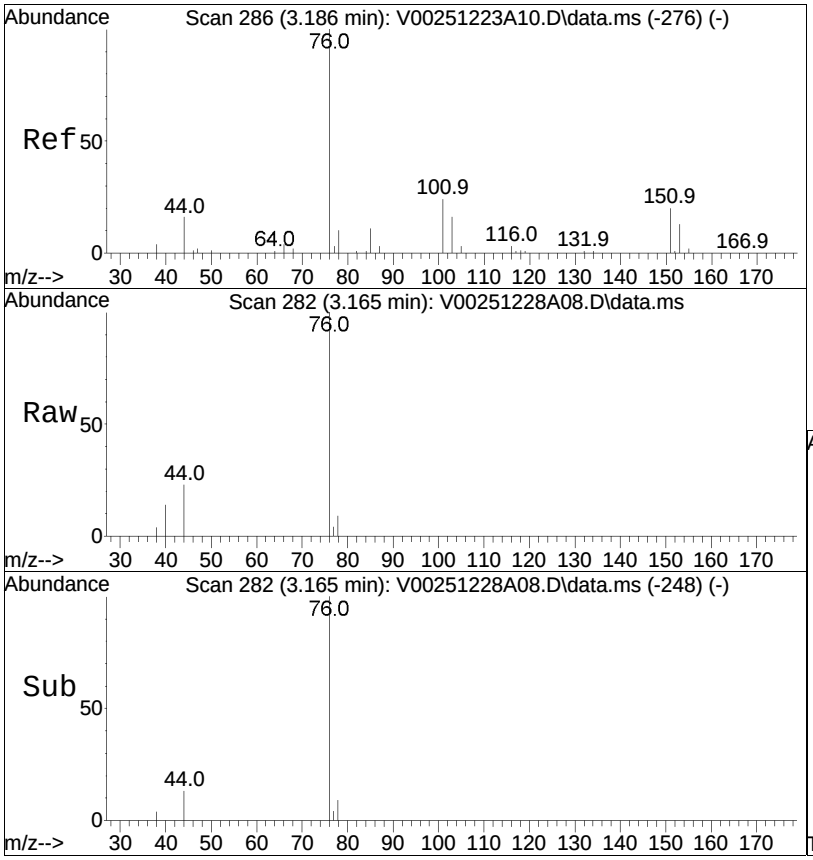


#5
Bromomethane
Concen: 0.29 ug/L
RT: 2.363 min Scan# 129
Delta R.T. -0.016 min
Lab File: V00251228A08.D
Acq: 28 Dec 2025 06:45 pm

Tgt Ion: 94 Resp: 367

Ion	Ratio	Lower	Upper
94	100		
96	92.9	72.4	112.4

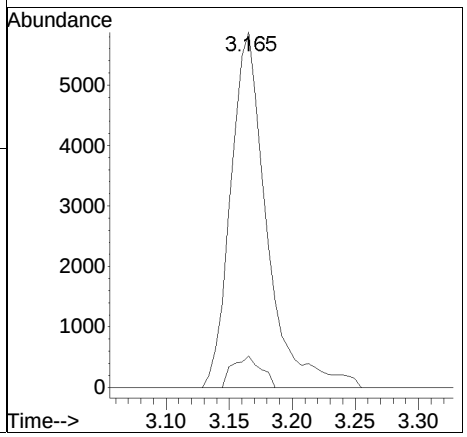


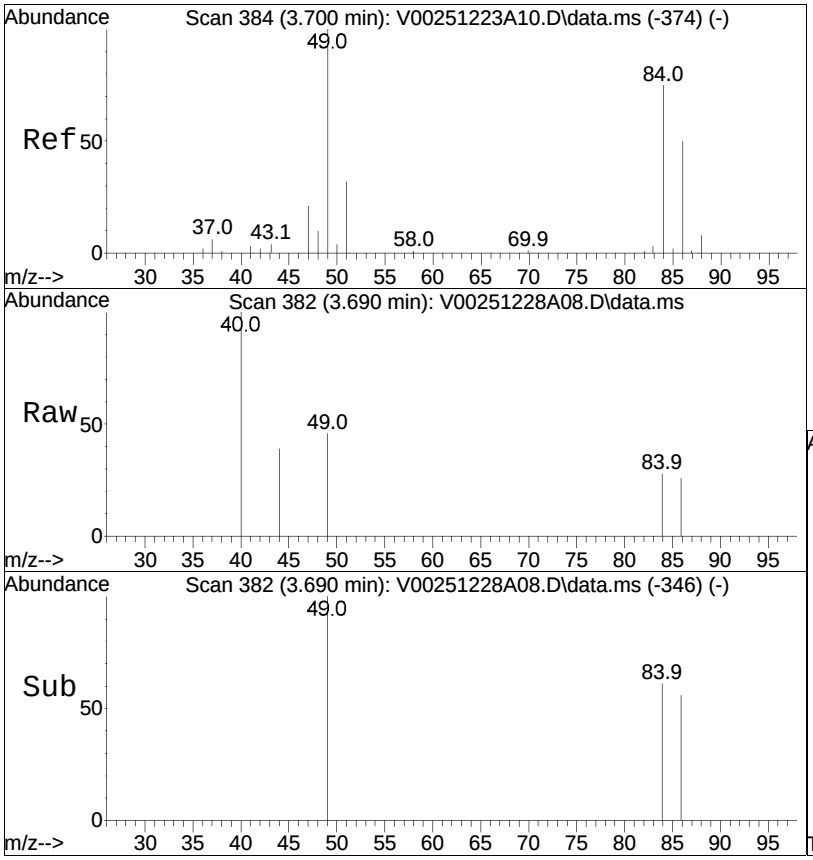


#11
Carbon disulfide
Concen: 1.49 ug/L
RT: 3.165 min Scan# 282
Delta R.T. -0.021 min
Lab File: V00251228A08.D
Acq: 28 Dec 2025 06:45 pm

Tgt Ion: 76 Resp: 11702

Ion	Ratio	Lower	Upper
76	100		
78	7.0	6.4	13.4

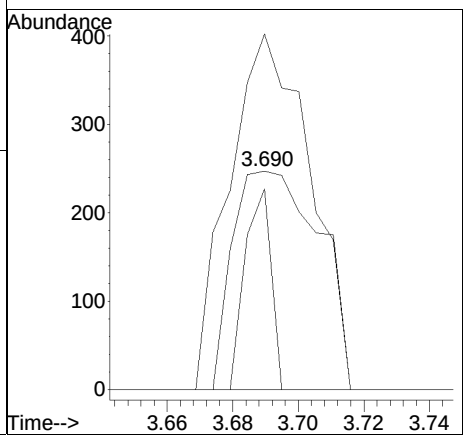


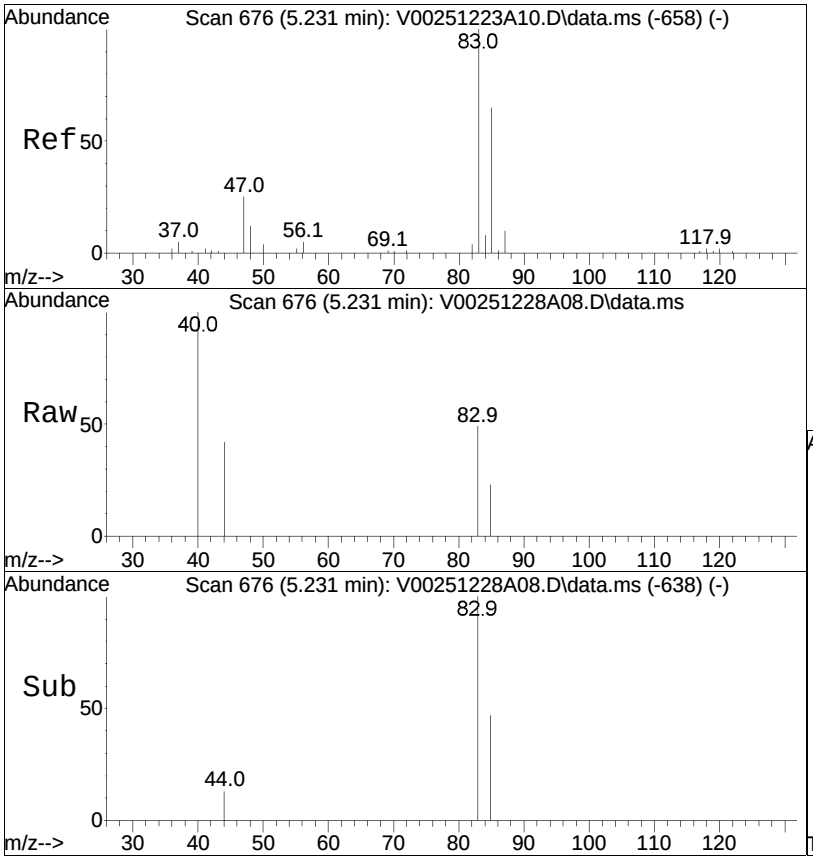


#15
Methylene chloride
Concen: 0.19 ug/L
RT: 3.690 min Scan# 382
Delta R.T. -0.010 min
Lab File: V00251228A08.D
Acq: 28 Dec 2025 06:45 pm

Tgt Ion: 84 Resp: 454

Ion	Ratio	Lower	Upper
84	100		
86	27.8	39.6	82.2#
49	152.4	72.7	150.9#

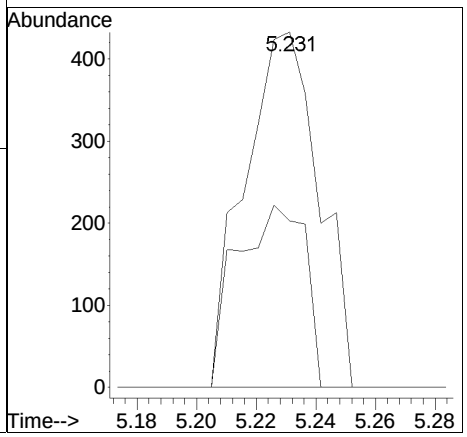


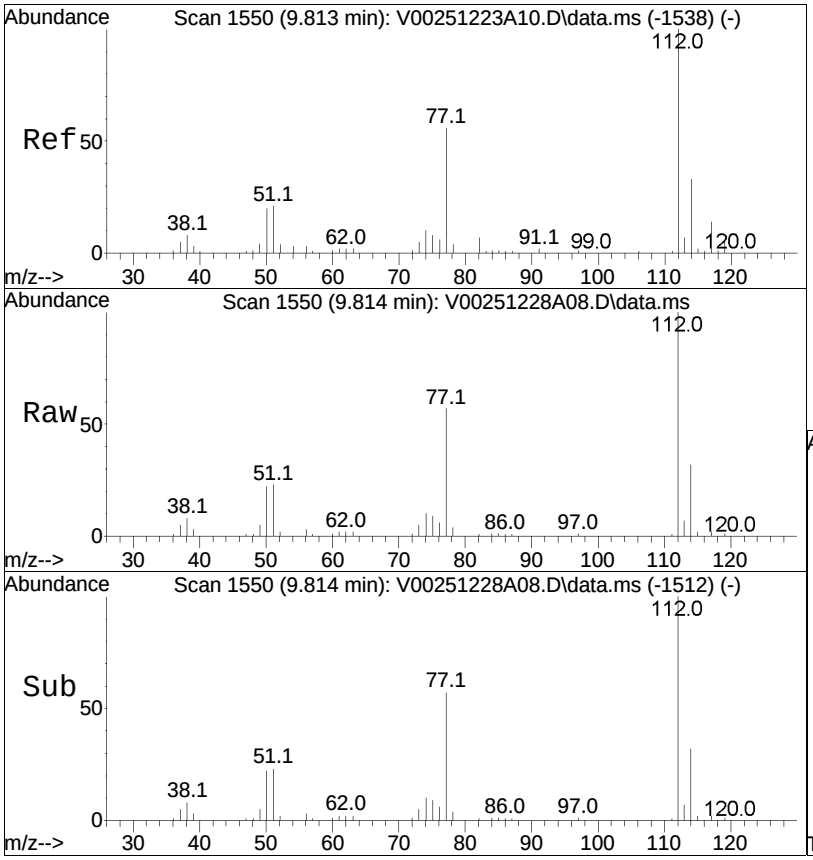


#33
Chloroform
Concen: 0.18 ug/L
RT: 5.231 min Scan# 676
Delta R.T. 0.000 min
Lab File: V00251228A08.D
Acq: 28 Dec 2025 06:45 pm

Tgt Ion: 83 Resp: 752

Ion	Ratio	Lower	Upper
83	100		
85	47.2	43.3	89.9
47	0.0	14.4	29.8#
48	0.0	7.5	15.7#

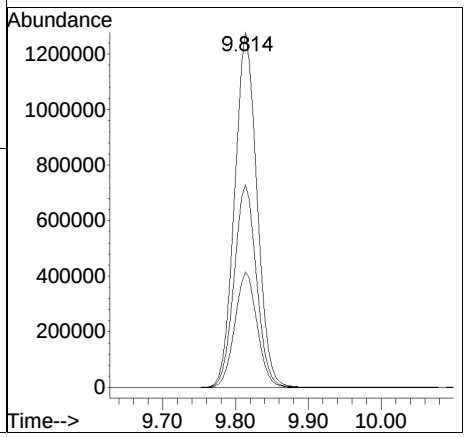




#74
Chlorobenzene
Concen: 382.14 ug/L
RT: 9.814 min Scan# 1550
Delta R.T. 0.000 min
Lab File: V00251228A08.D
Acq: 28 Dec 2025 06:45 pm

Tgt Ion:112 Resp: 2721904

Ion	Ratio	Lower	Upper
112	100		
77	57.2	57.9	86.9#
114	32.6	25.7	38.5



Manual Integration Report

Data Path	: K:\VOA100\2025\251228A\	QMethod	: V100_251223A_8260.m
Data File	: V00251228A08.D	Operator	: VOA100:JIC
Date Inj'd	: 12/28/2025 6:45 pm	Instrument	: VOA100
Sample	: L2580856-01,31H,5.14,5,0.1	Quant Date	: 12/29/2025 6:16 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A08.D
Acq On : 28 Dec 2025 06:45 pm
Operator : VOA100:JIC
Sample : L2580856-01,31H,5.14,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 11 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V00251228A08.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.222	854	865	901	rBV	142519	327658	3.59%	3.055%
2	7.937	1181	1192	1220	rVB	201422	442767	4.84%	4.128%
3	9.814	1536	1550	1581	rBV	4165298	9138869	100.00%	85.202%
4	11.261	1809	1826	1844	rBV	178635	337874	3.70%	3.150%
5	12.461	2045	2055	2073	rBV	292845	478998	5.24%	4.466%

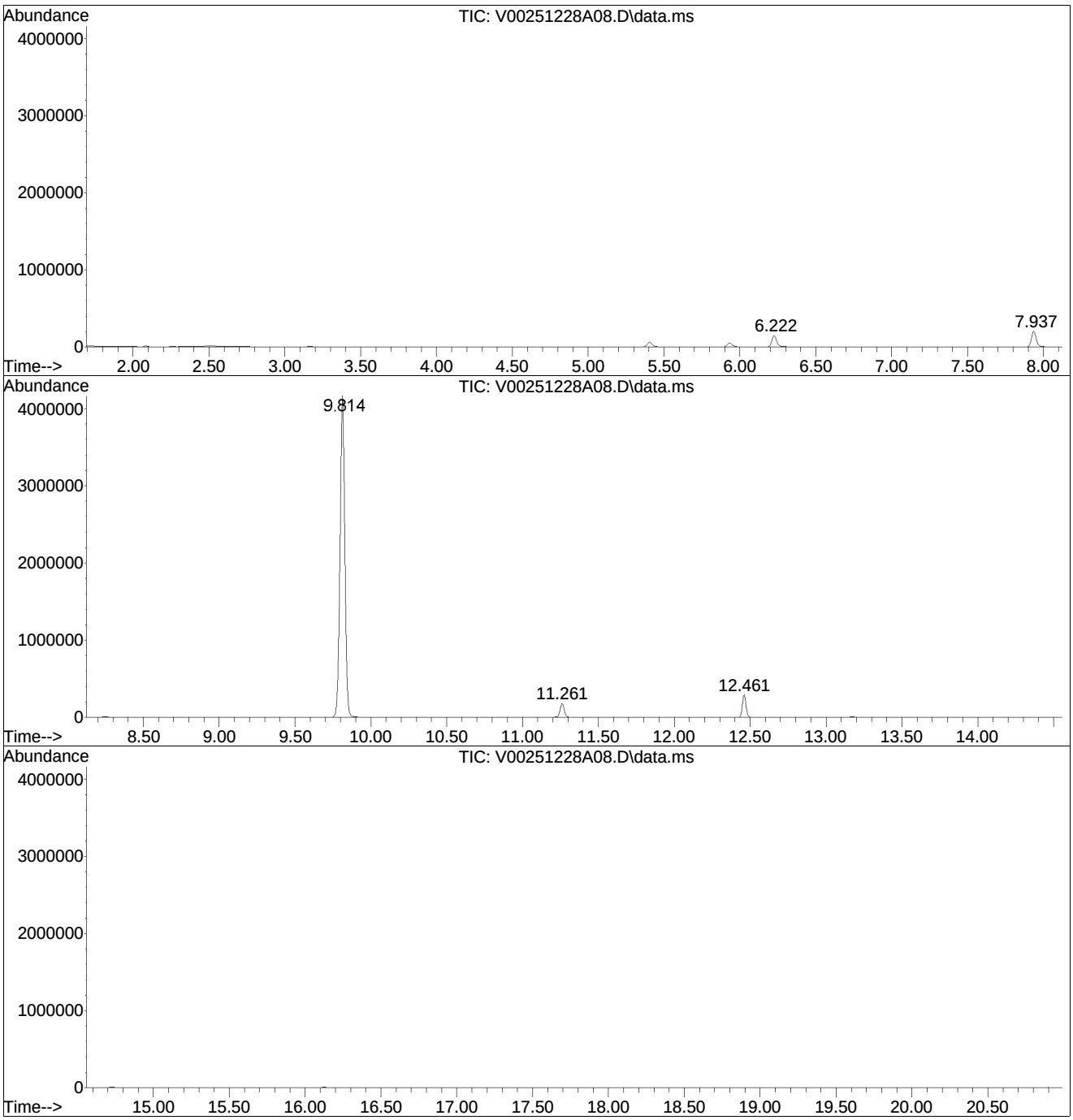
Sum of corrected areas: 10726166

LSC Report - Integrated Chromatogram

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A08.D
Acq On : 28 Dec 2025 06:45 pm
Operator : VOA100:JIC
Sample : L2580856-01,31H,5.14,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 11 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A08.D
Acq On : 28 Dec 2025 06:45 pm
Operator : VOA100:JIC
Sample : L2580856-01,31H,5.14,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 11 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A08.D
Acq On : 28 Dec 2025 06:45 pm
Operator : VOA100:JIC
Sample : L2580856-01,31H,5.14,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 11 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A09.D
Acq On : 28 Dec 2025 07:11 pm
Operator : VOA100:JIC
Sample : L2580856-01D,31H,5.14,5,0.02,,X
Misc : WG2159678,ICAL22914
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 29 06:16:39 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CB - CB

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	148329	20.000	ug/L	0.00
Standard Area 1 = 159908			Recovery = 92.76%			
60) Chlorobenzene-d5	9.792	117	134320	20.000	ug/L	0.00
Standard Area 1 = 142938			Recovery = 93.97%			
80) 1,4-Dichlorobenzene-d4	12.461	152	79811	20.000	ug/L	0.00
Standard Area 1 = 85973			Recovery = 92.83%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	42600	20.674	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.37%			
44) 1,2-Dichloroethane-d4	5.934	65	42316	20.664	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.32%			
61) Toluene-d8	7.936	98	163920	18.991	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.95%			
84) 4-Bromofluorobenzene	11.260	95	63727	20.036	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.18%			
Target Compounds						Qvalue
74) Chlorobenzene	9.813	112	533313	78.517	ug/L	# 87

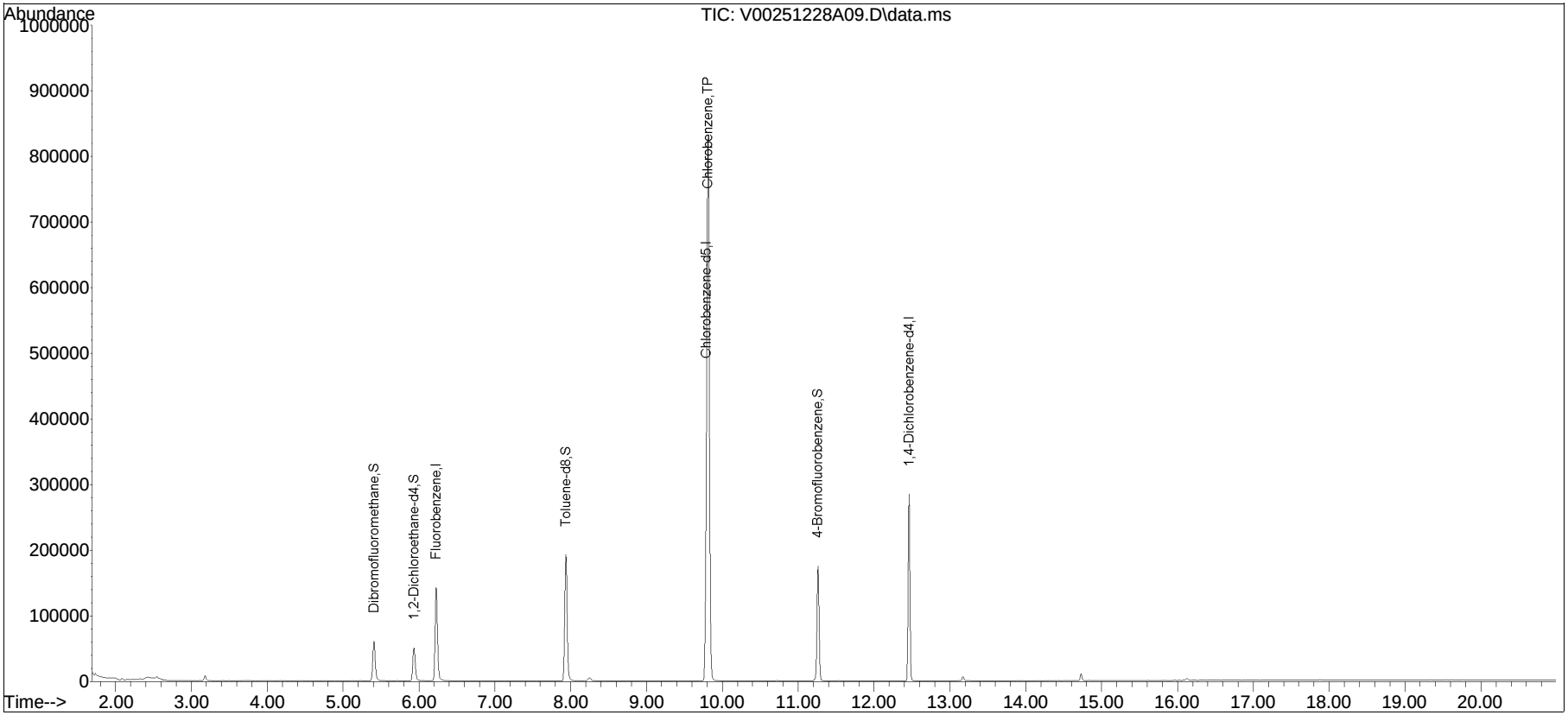
(#) = qualifier out of range (m) = manual integration (+) = signals summed

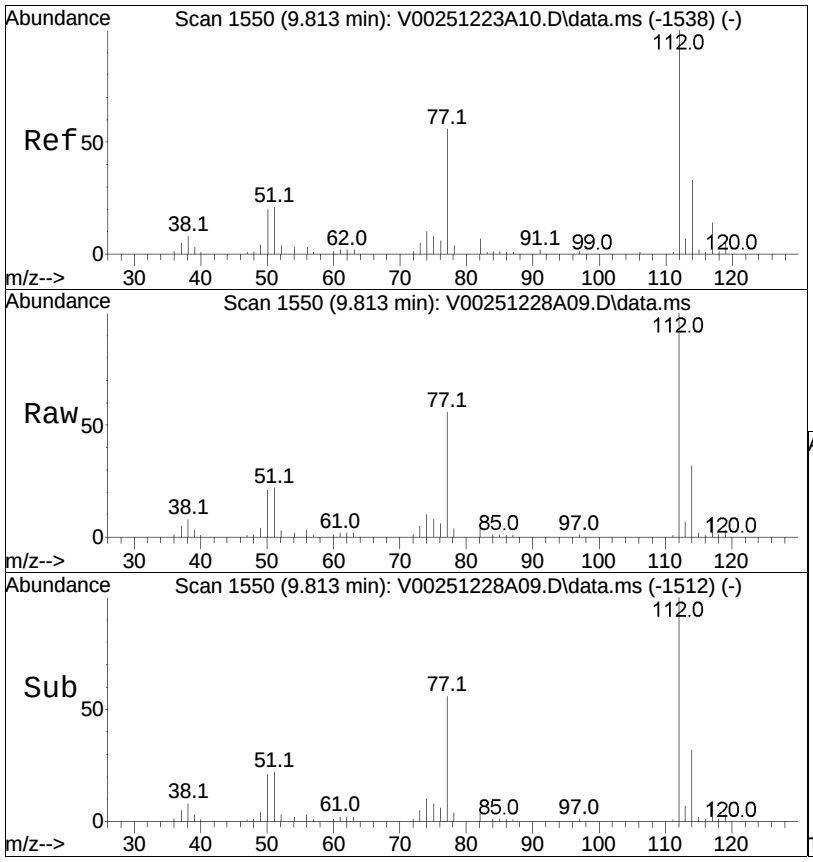
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A09.D
Acq On : 28 Dec 2025 07:11 pm
Operator : VOA100:JIC
Sample : L2580856-01D,31H,5.14,5,0.02,,X
Misc : WG2159678,ICAL22914
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 29 06:16:39 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-CB - CB0\2025\251228A\V00251228A01.D•

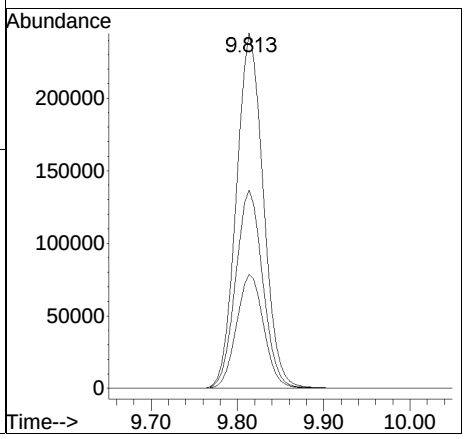




#74
Chlorobenzene
Concen: 78.52 ug/L
RT: 9.813 min Scan# 1550
Delta R.T. -0.000 min
Lab File: V00251228A09.D
Acq: 28 Dec 2025 07:11 pm

Tgt Ion:112 Resp: 533313

Ion	Ratio	Lower	Upper
112	100		
77	56.4	57.9	86.9#
114	32.4	25.7	38.5



Manual Integration Report

Data Path	: K:\VOA100\2025\251228A\	QMethod	: V100_251223A_8260.m
Data File	: V00251228A09.D	Operator	: VOA100:JIC
Date Inj'd	: 12/28/2025 7:11 pm	Instrument	: VOA100
Sample	: L2580856-01D,31H,5.14,5,0.	Quant Date	: 12/29/2025 6:16 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A10.D
Acq On : 28 Dec 2025 07:37 pm
Operator : VOA100:JIC
Sample : L2580856-03,31H,5.76,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 29 06:48:58 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	145856	20.000	ug/L	0.00
Standard Area 1 = 159908			Recovery = 91.21%			
60) Chlorobenzene-d5	9.793	117	129866	20.000	ug/L	0.00
Standard Area 1 = 142938			Recovery = 90.85%			
80) 1,4-Dichlorobenzene-d4	12.461	152	78146	20.000	ug/L	0.00
Standard Area 1 = 85973			Recovery = 90.90%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.404	113	41161	20.315	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.58%			
44) 1,2-Dichloroethane-d4	5.929	65	40527	20.126	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.63%			
61) Toluene-d8	7.937	98	157515	18.874	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.37%			
84) 4-Bromofluorobenzene	11.261	95	61241	19.664	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.369	94	457	0.390	ug/L	93
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.155	76	11182	1.514	ug/L	93
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.685	84	328	0.146	ug/L #	21
17) Acetone	0.000		0	N.D. d		
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Cyclohexane	0.000		0	N.D.		
33) Chloroform	5.226	83	1017	0.255	ug/L #	84
35) Carbon tetrachloride	0.000		0	N.D.		
38) 1,1,1-Trichloroethane	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A10.D
Acq On : 28 Dec 2025 07:37 pm
Operator : VOA100:JIC
Sample : L2580856-03,31H,5.76,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 29 06:48:58 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
40)	2-Butanone	5.530	43	53	N.D.			
42)	Benzene	0.000		0	N.D.			
45)	1,2-Dichloroethane	0.000		0	N.D.			
48)	Methyl cyclohexane	0.000		0	N.D.			
49)	Trichloroethene	0.000		0	N.D.			
52)	1,2-Dichloropropane	0.000		0	N.D.			
55)	Bromodichloromethane	0.000		0	N.D.			
59)	cis-1,3-Dichloropropene	0.000		0	N.D.			
62)	Toluene	0.000		0	N.D.			
63)	4-Methyl-2-pentanone	0.000		0	N.D.			
64)	Tetrachloroethene	0.000		0	N.D.			
66)	trans-1,3-Dichloropropene	0.000		0	N.D.			
69)	1,1,2-Trichloroethane	0.000		0	N.D.			
70)	Chlorodibromomethane	0.000		0	N.D.			
72)	1,2-Dibromoethane	0.000		0	N.D.			
73)	2-Hexanone	0.000		0	N.D.			
74)	Chlorobenzene	9.814	112	610567	92.974	ug/L	#	87
75)	Ethylbenzene	9.861	91	59	N.D.			
77)	p/m Xylene	0.000		0	N.D.			
78)	o Xylene	0.000		0	N.D.			
79)	Styrene	0.000		0	N.D.			
81)	Bromoform	0.000		0	N.D.			
83)	Isopropylbenzene	0.000		0	N.D.			
86)	n-Propylbenzene	0.000		0	N.D.			
88)	1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d		
91)	1,3,5-Trimethylbenzene	0.000		0	N.D.			
95)	tert-Butylbenzene	0.000		0	N.D.			
98)	1,2,4-Trimethylbenzene	12.063	105	51	N.D.			
99)	sec-Butylbenzene	12.063	105	51	N.D.			
100)	p-Isopropyltoluene	0.000		0	N.D.			
101)	1,3-Dichlorobenzene	12.388	146	655	0.110	ug/L	#	33
102)	1,4-Dichlorobenzene	12.477	146	5787	0.955	ug/L	#	80
104)	n-Butylbenzene	0.000		0	N.D.			
105)	1,2-Dichlorobenzene	12.897	146	2466	0.438	ug/L	#	82
107)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.			
110)	1,2,4-Trichlorobenzene	14.317	180	220	N.D.			
111)	Naphthalene	14.601	128	1138	0.133	ug/L		100

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

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A10.D
Acq On : 28 Dec 2025 07:37 pm
Operator : VOA100:JIC
Sample : L2580856-03,31H,5.76,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 29 06:48:58 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

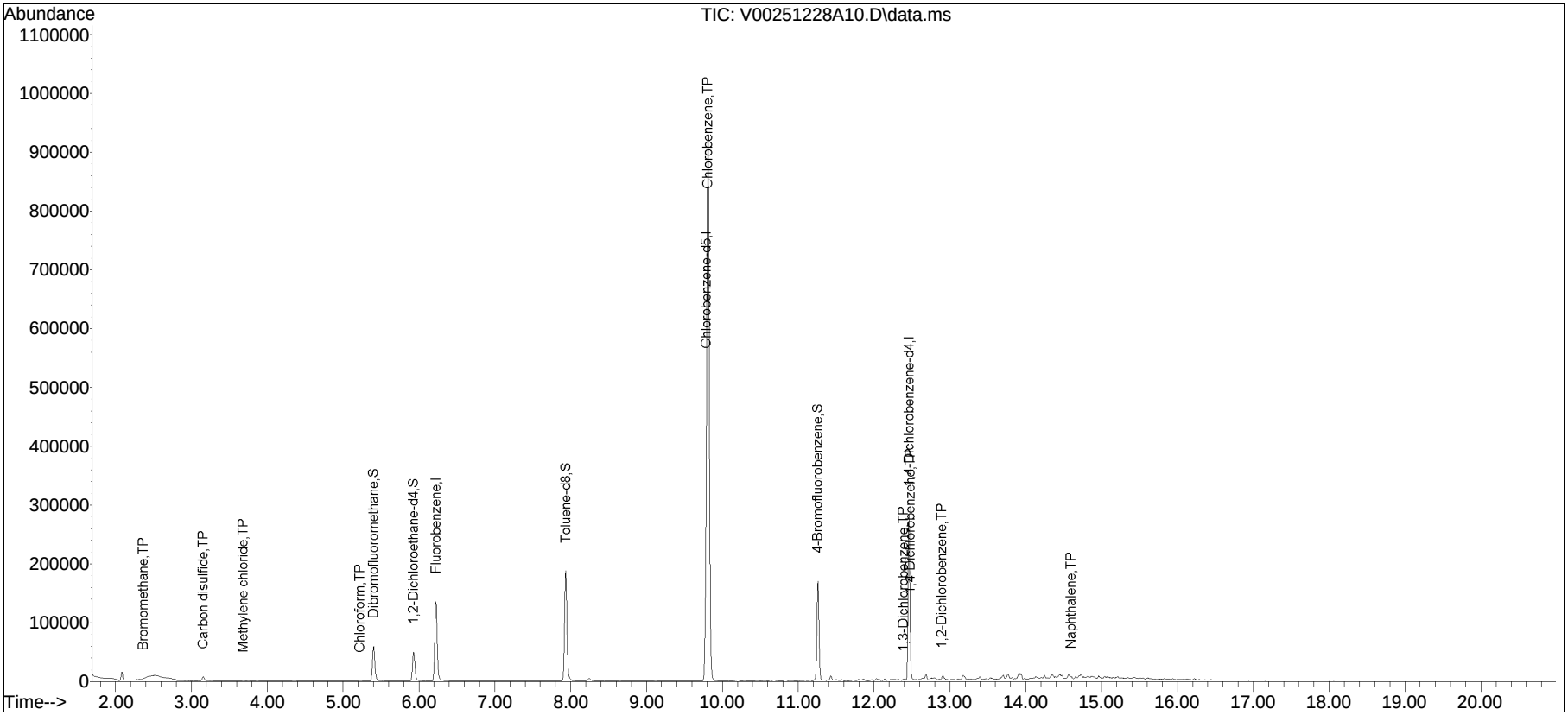
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

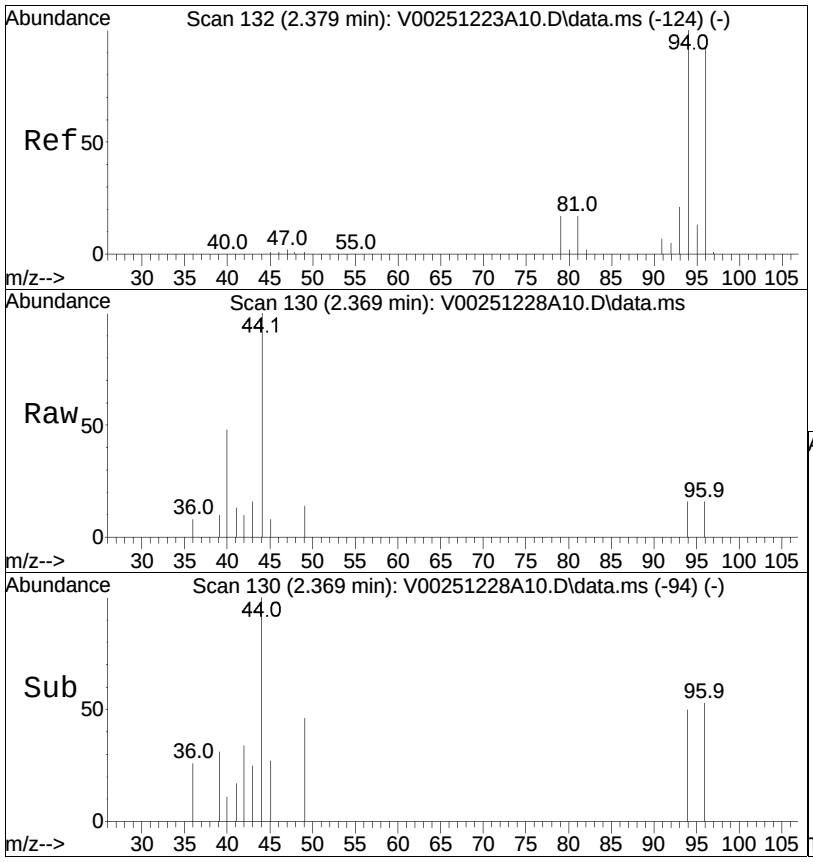
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A10.D
Acq On : 28 Dec 2025 07:37 pm
Operator : VOA100:JIC
Sample : L2580856-03,31H,5.76,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 29 06:48:58 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS1228A01.D•

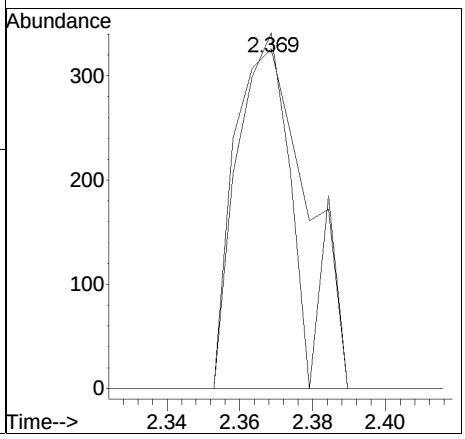


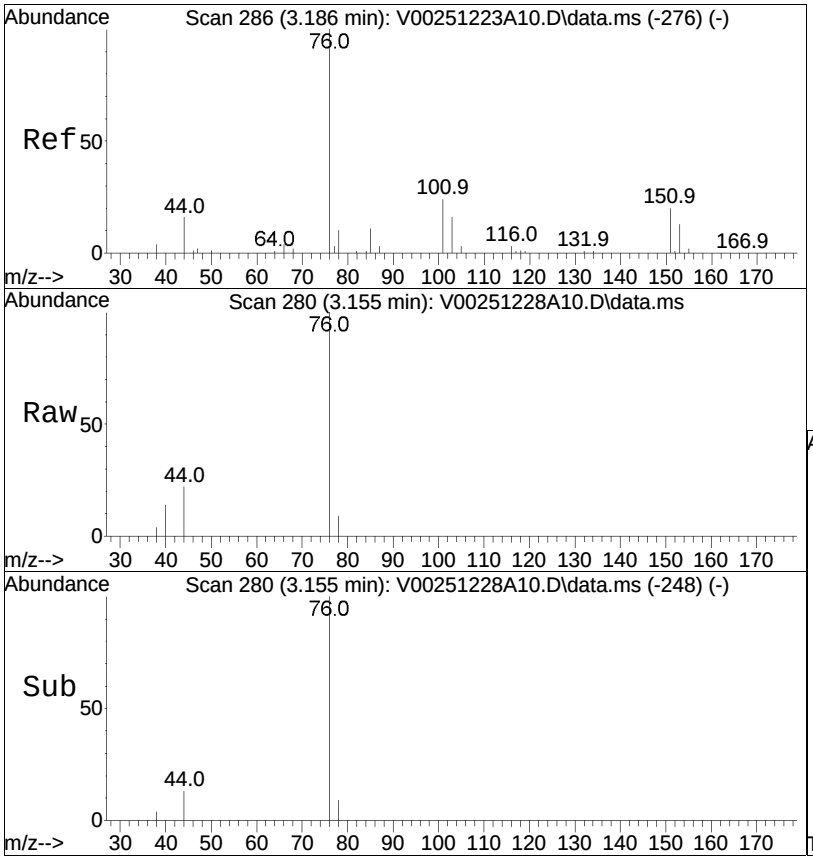


#5
Bromomethane
Concen: 0.39 ug/L
RT: 2.369 min Scan# 130
Delta R.T. -0.010 min
Lab File: V00251228A10.D
Acq: 28 Dec 2025 07:37 pm

Tgt Ion: 94 Resp: 457

Ion	Ratio	Lower	Upper
94	100		
96	85.3	72.4	112.4

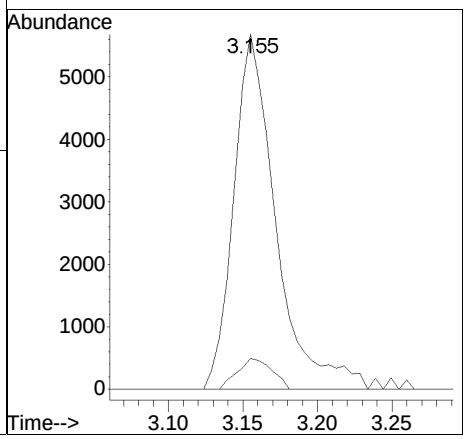


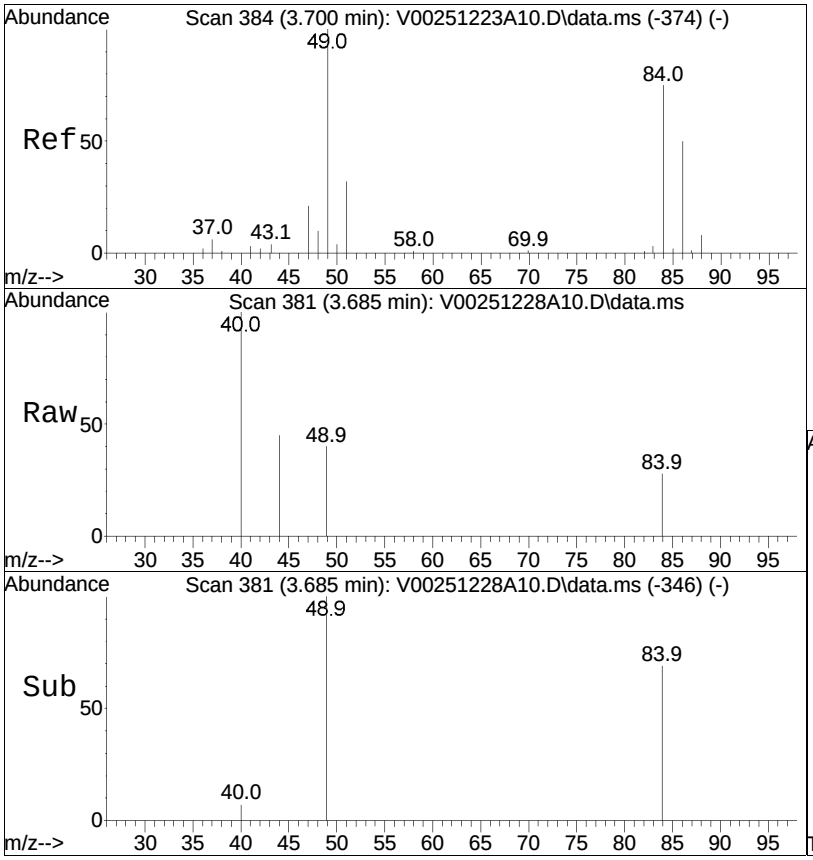


#11
Carbon disulfide
Concen: 1.51 ug/L
RT: 3.155 min Scan# 280
Delta R.T. -0.031 min
Lab File: V00251228A10.D
Acq: 28 Dec 2025 07:37 pm

Tgt Ion: 76 Resp: 11182

Ion	Ratio	Lower	Upper
76	100		
78	7.2	6.4	13.4

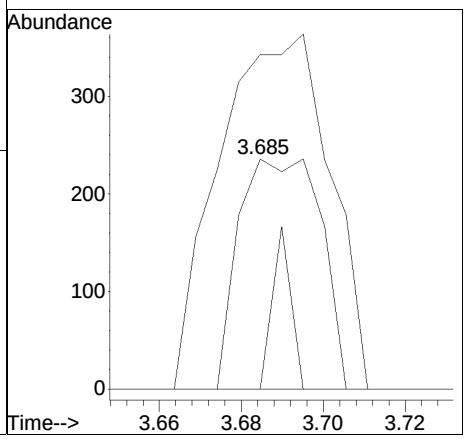


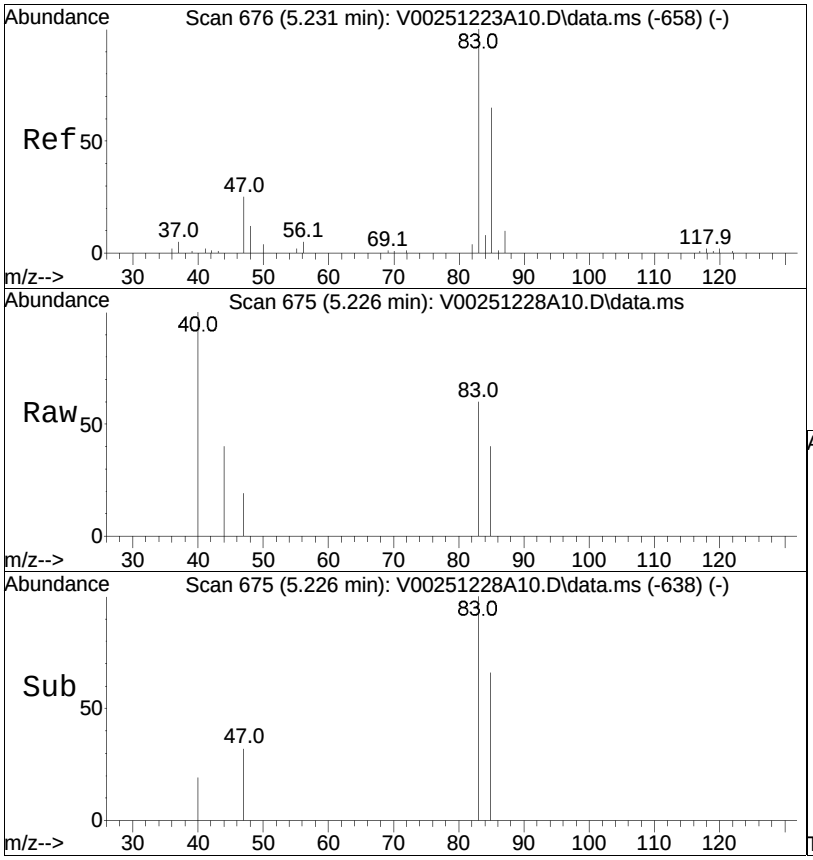


#15
Methylene chloride
Concen: 0.15 ug/L
RT: 3.685 min Scan# 381
Delta R.T. -0.015 min
Lab File: V00251228A10.D
Acq: 28 Dec 2025 07:37 pm

Tgt Ion: 84 Resp: 328

Ion	Ratio	Lower	Upper
84	100		
86	16.2	39.6	82.2#
49	207.0	72.7	150.9#

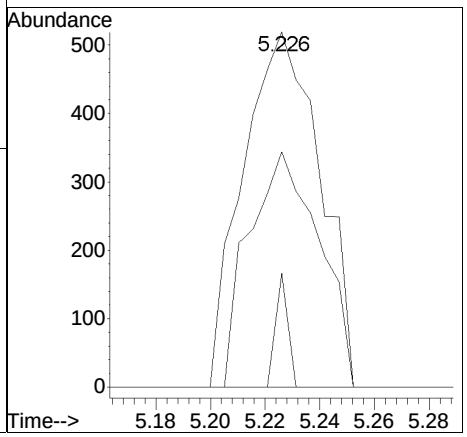


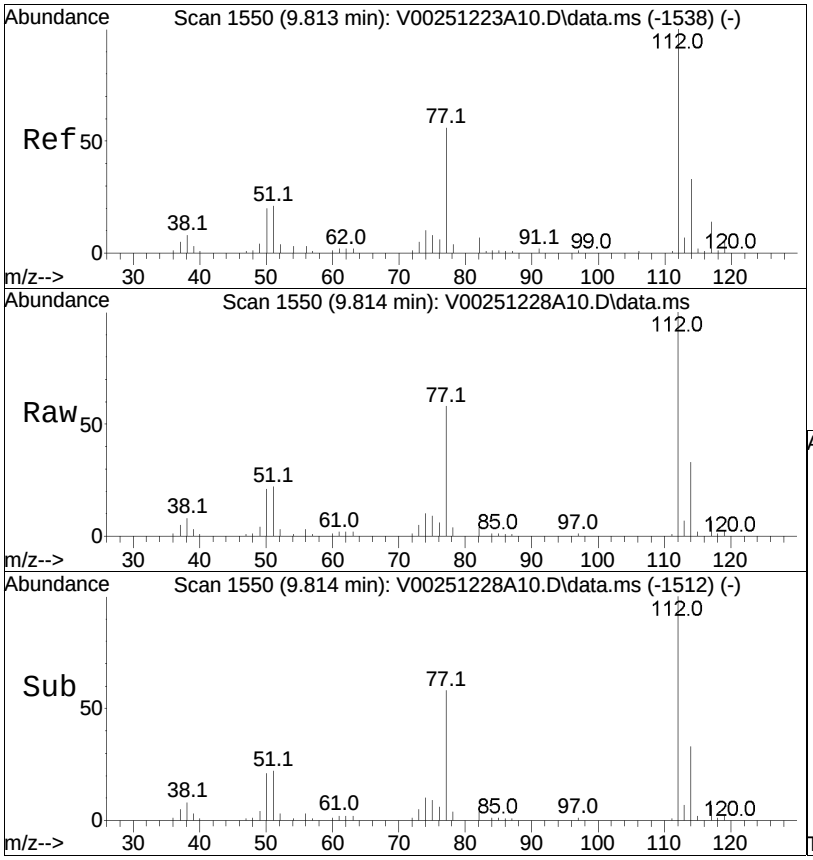


#33
Chloroform
Concen: 0.25 ug/L
RT: 5.226 min Scan# 675
Delta R.T. -0.005 min
Lab File: V00251228A10.D
Acq: 28 Dec 2025 07:37 pm

Tgt Ion: 83 Resp: 1017

Ion	Ratio	Lower	Upper
83	100		
85	60.5	43.3	89.9
47	5.1	14.4	29.8#
48	0.0	7.5	15.7#

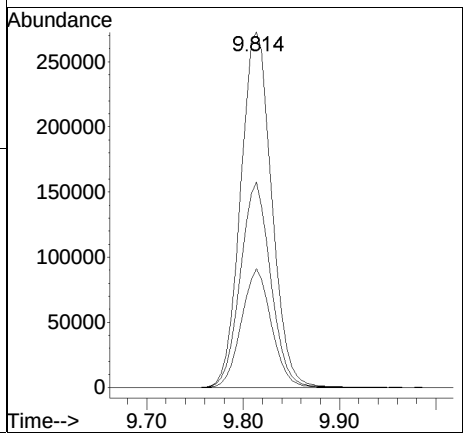


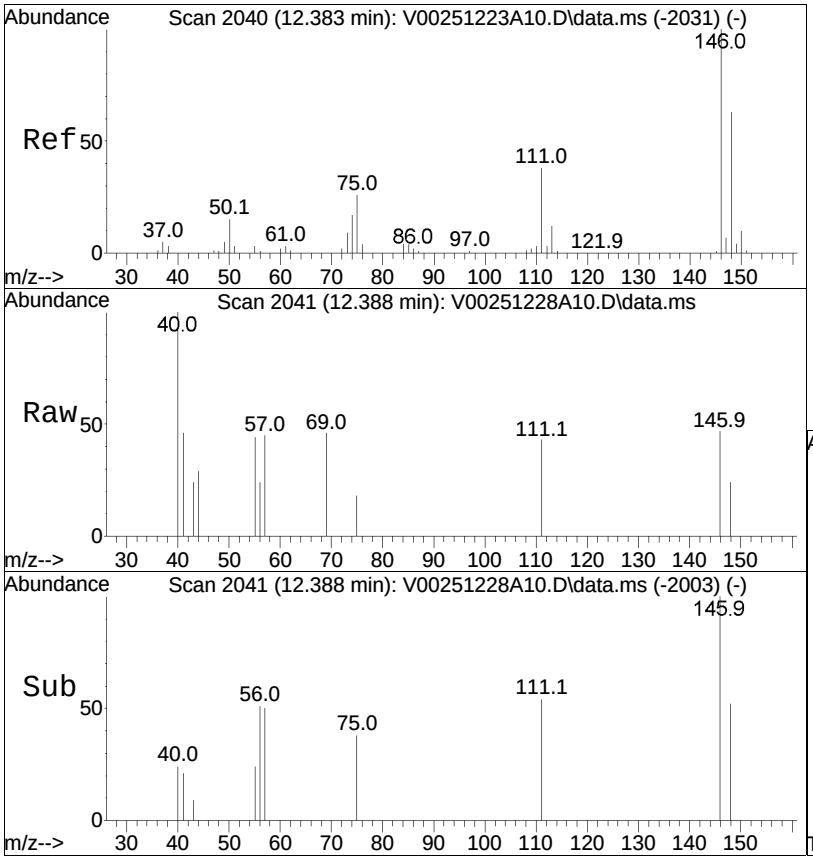


#74
Chlorobenzene
Concen: 92.97 ug/L
RT: 9.814 min Scan# 1550
Delta R.T. 0.000 min
Lab File: V00251228A10.D
Acq: 28 Dec 2025 07:37 pm

Tgt Ion:112 Resp: 610567

Ion	Ratio	Lower	Upper
112	100		
77	56.4	57.9	86.9#
114	32.3	25.7	38.5

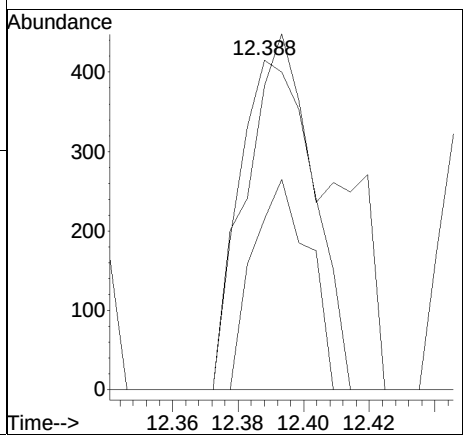


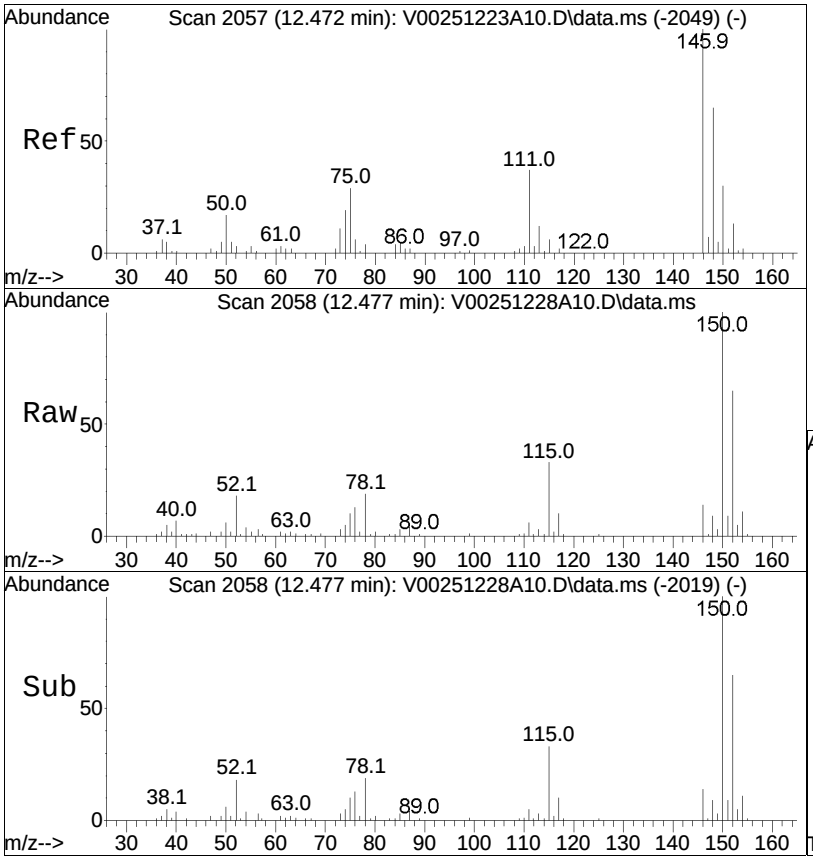


#101
1,3-Dichlorobenzene
Concen: 0.11 ug/L
RT: 12.388 min Scan# 2041
Delta R.T. 0.000 min
Lab File: V00251228A10.D
Acq: 28 Dec 2025 07:37 pm

Tgt Ion:146 Resp: 655

Ion	Ratio	Lower	Upper
146	100		
111	127.5	26.1	54.1#
148	47.9	40.8	84.8

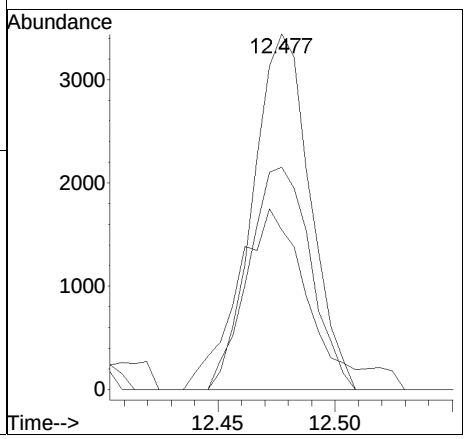


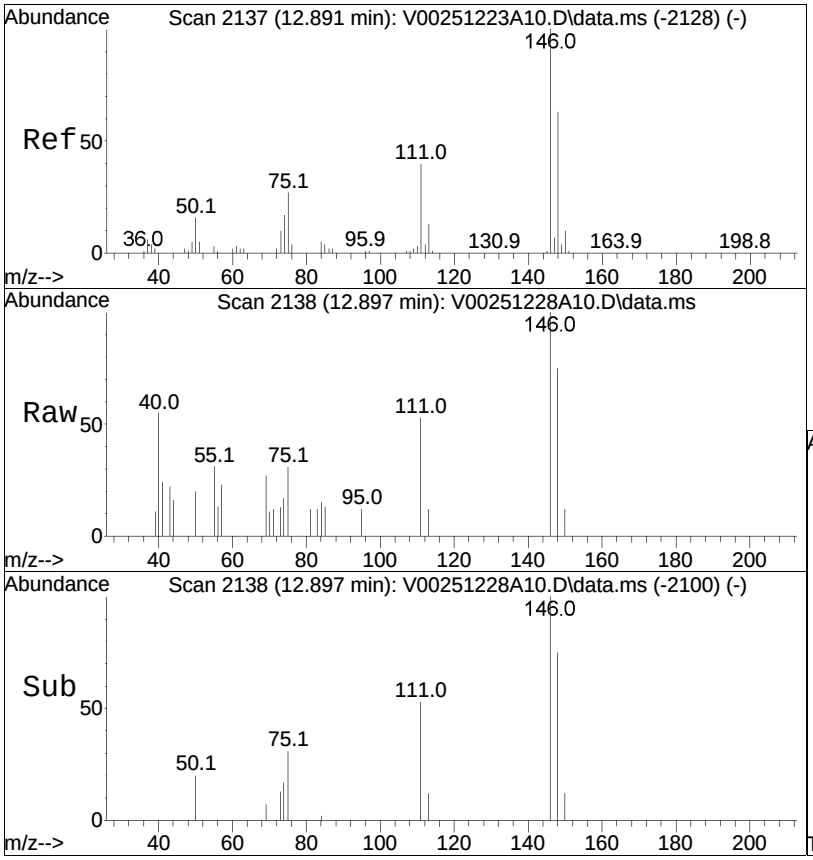


#102
1,4-Dichlorobenzene
Concen: 0.96 ug/L
RT: 12.477 min Scan# 2058
Delta R.T. 0.005 min
Lab File: V00251228A10.D
Acq: 28 Dec 2025 07:37 pm

Tgt Ion:146 Resp: 5787

Ion	Ratio	Lower	Upper
146	100		
111	65.1	32.1	48.1#
148	68.1	50.6	75.8

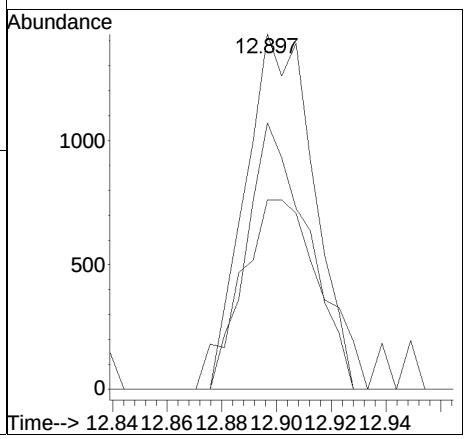


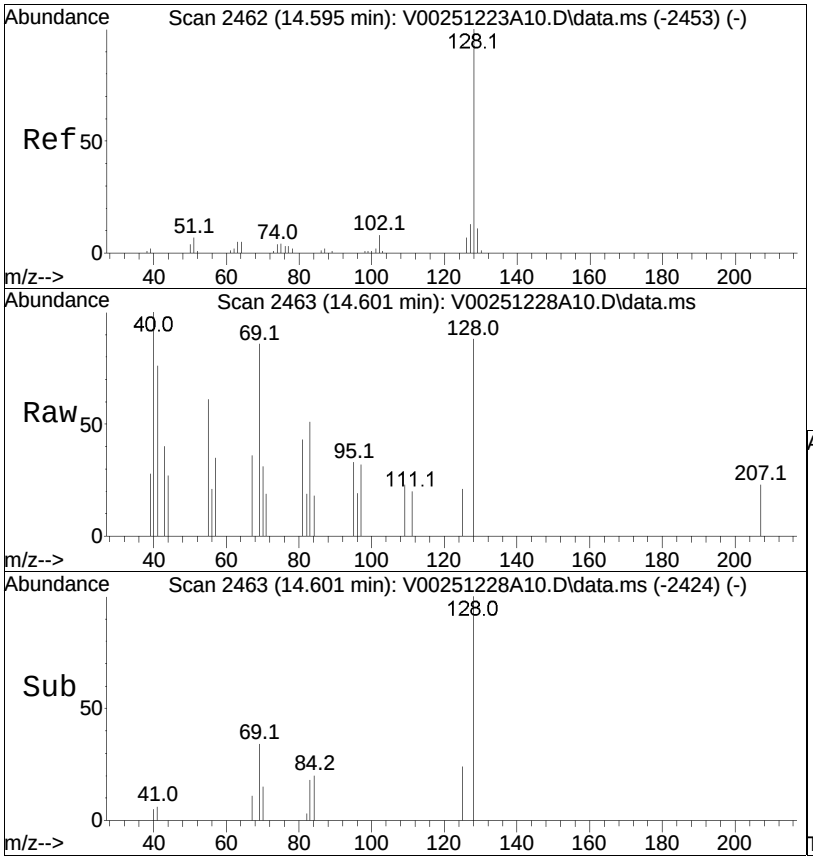


#105
1,2-Dichlorobenzene
Concen: 0.44 ug/L
RT: 12.897 min Scan# 2138
Delta R.T. 0.000 min
Lab File: V00251228A10.D
Acq: 28 Dec 2025 07:37 pm

Tgt Ion:146 Resp: 2466

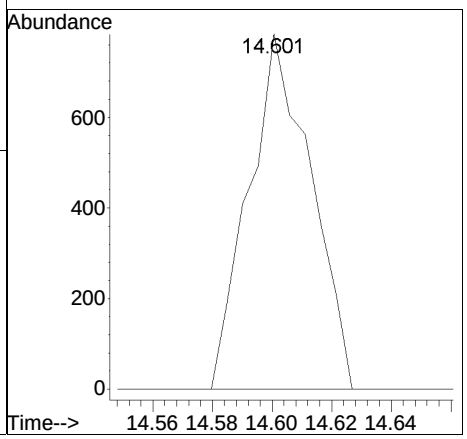
Ion	Ratio	Lower	Upper
146	100		
111	63.4	26.9	55.9#
148	67.3	40.3	83.7





#111
Naphthalene
Concen: 0.13 ug/L
RT: 14.601 min Scan# 2463
Delta R.T. 0.005 min
Lab File: V00251228A10.D
Acq: 28 Dec 2025 07:37 pm

Tgt Ion:128 Resp: 1138



Manual Integration Report

Data Path	: K:\VOA100\2025\251228A\	QMethod	: V100_251223A_8260.m
Data File	: V00251228A10.D	Operator	: VOA100:JIC
Date Inj'd	: 12/28/2025 7:37 pm	Instrument	: VOA100
Sample	: L2580856-03,31H,5.76,5,0.1	Quant Date	: 12/29/2025 6:16 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A10.D
Acq On : 28 Dec 2025 07:37 pm
Operator : VOA100:JIC
Sample : L2580856-03,31H,5.76,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 13 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V00251228A10.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.404	698	709	731	rBV2	58967	134665	5.77%	3.276%
2	5.929	797	809	827	rBV	49641	112895	4.84%	2.747%
3	6.227	856	866	902	rBV	135073	309012	13.24%	7.518%
4	7.937	1181	1192	1219	rBV	187134	415817	17.82%	10.116%
5	9.814	1531	1550	1571	rBV2	929012	2334023	100.00%	56.784%
6	11.261	1812	1826	1838	rBV2	169477	323351	13.85%	7.867%
7	12.461	2048	2055	2069	rBV	281703	480614	20.59%	11.693%

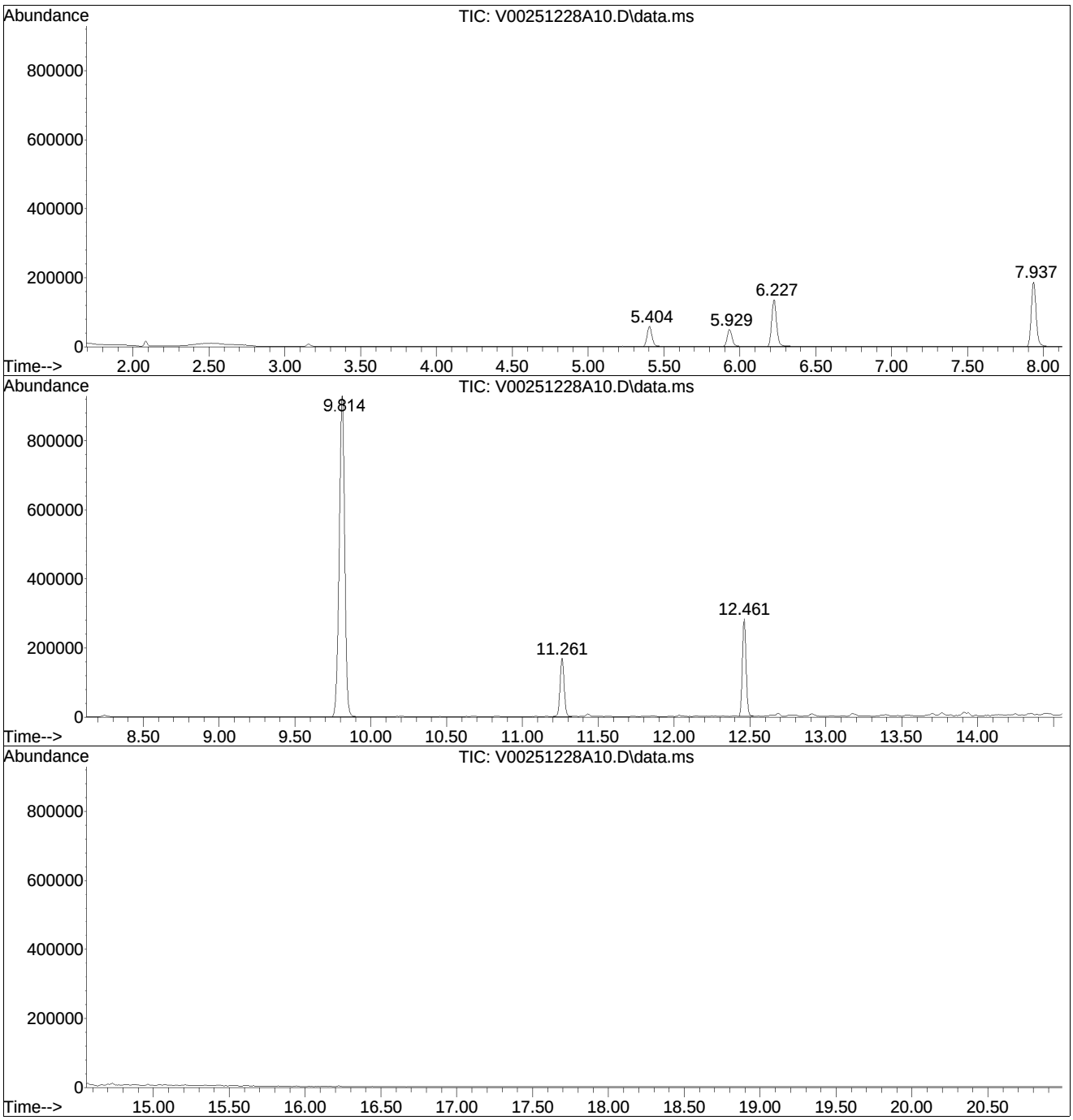
Sum of corrected areas: 4110377

LSC Report - Integrated Chromatogram

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A10.D
Acq On : 28 Dec 2025 07:37 pm
Operator : VOA100:JIC
Sample : L2580856-03,31H,5.76,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 13 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A10.D
Acq On : 28 Dec 2025 07:37 pm
Operator : VOA100:JIC
Sample : L2580856-03,31H,5.76,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 13 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A10.D
Acq On : 28 Dec 2025 07:37 pm
Operator : VOA100:JIC
Sample : L2580856-03,31H,5.76,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 13 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A11.D
Acq On : 28 Dec 2025 08:03 pm
Operator : VOA100:JIC
Sample : L2580856-04D,31H,5.48,5,0.02,,X
Misc : WG2159678,ICAL22914
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 29 06:16:49 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CB - CB

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	149174	20.000	ug/L	0.00
Standard Area 1 = 159908			Recovery = 93.29%			
60) Chlorobenzene-d5	9.792	117	137310	20.000	ug/L	0.00
Standard Area 1 = 142938			Recovery = 96.06%			
80) 1,4-Dichlorobenzene-d4	12.461	152	82004	20.000	ug/L	0.00
Standard Area 1 = 85973			Recovery = 95.38%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.404	113	42122	20.327	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.64%			
44) 1,2-Dichloroethane-d4	5.934	65	41511	20.156	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.78%			
61) Toluene-d8	7.936	98	163860	18.570	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 92.85%			
84) 4-Bromofluorobenzene	11.261	95	64057	19.601	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.00%			
Target Compounds						Qvalue
74) Chlorobenzene	9.813	112	1305826	188.065	ug/L	# 87

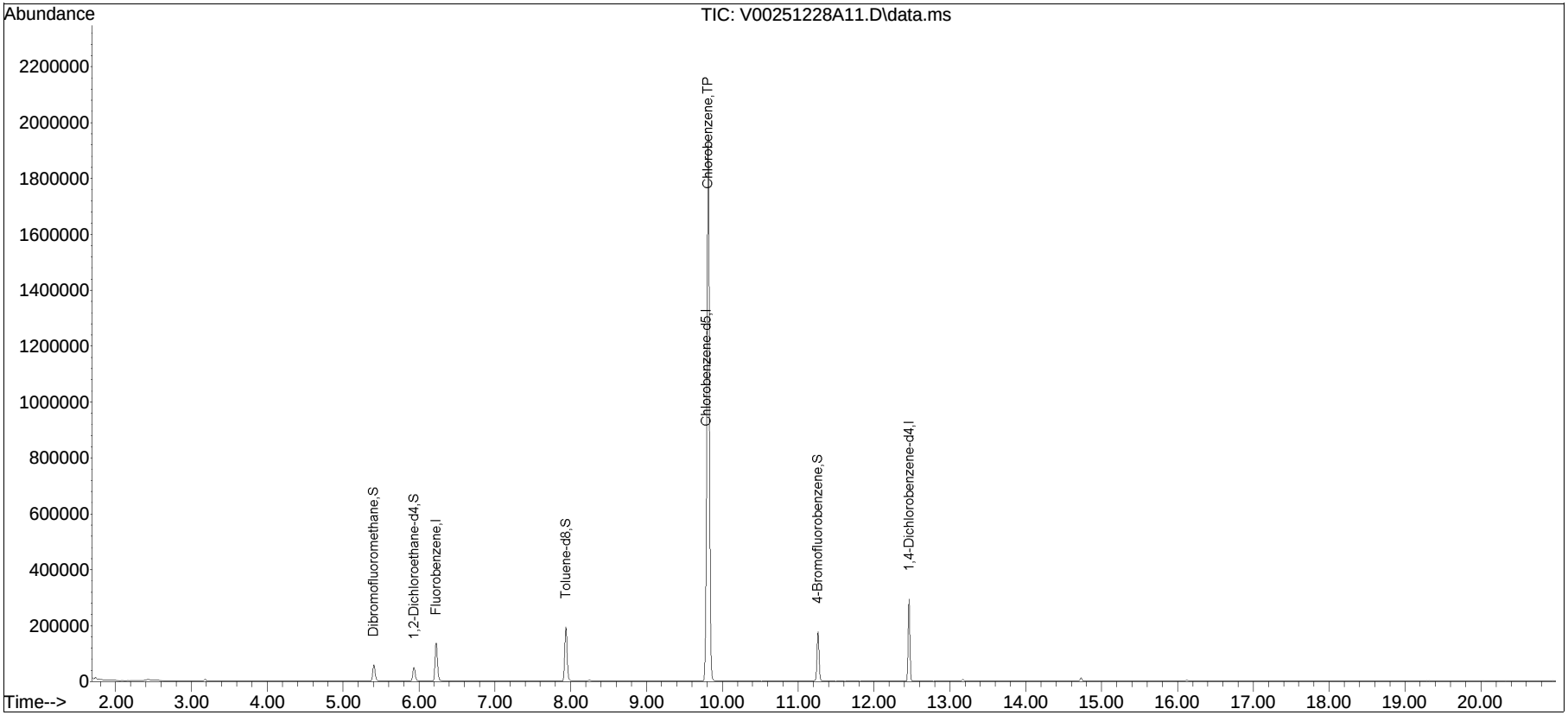
(#) = qualifier out of range (m) = manual integration (+) = signals summed

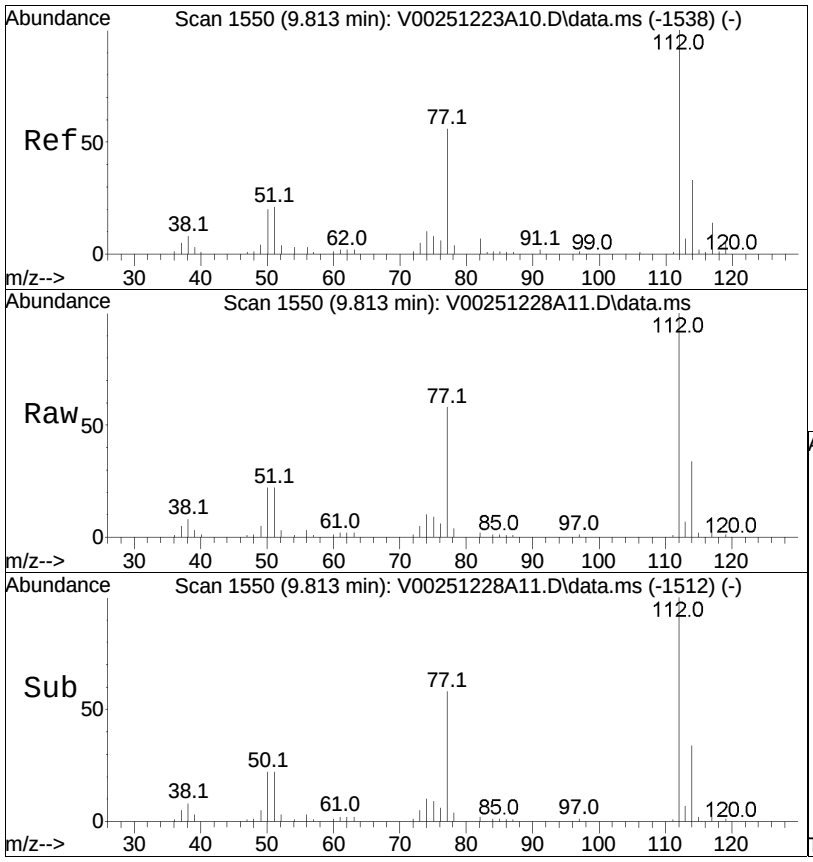
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A11.D
Acq On : 28 Dec 2025 08:03 pm
Operator : VOA100:JIC
Sample : L2580856-04D,31H,5.48,5,0.02,,X
Misc : WG2159678,ICAL22914
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 29 06:16:49 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-CB - CB0\2025\251228A\V00251228A01.D•

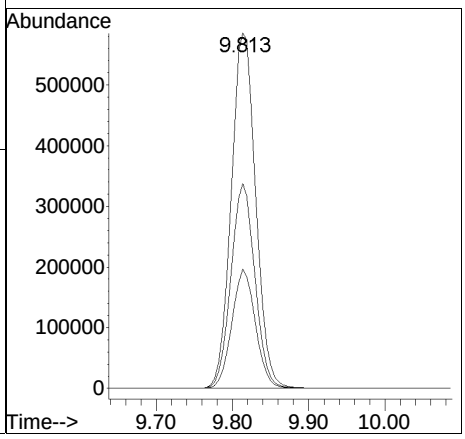




#74
Chlorobenzene
Concen: 188.06 ug/L
RT: 9.813 min Scan# 1550
Delta R.T. -0.000 min
Lab File: V00251228A11.D
Acq: 28 Dec 2025 08:03 pm

Tgt Ion:112 Resp: 1305826

Ion	Ratio	Lower	Upper
112	100		
77	56.5	57.9	86.9#
114	32.4	25.7	38.5



Manual Integration Report

Data Path	: K:\VOA100\2025\251228A\	QMethod	: V100_251223A_8260.m
Data File	: V00251228A11.D	Operator	: VOA100:JIC
Date Inj'd	: 12/28/2025 8:03 pm	Instrument	: VOA100
Sample	: L2580856-04D,31H,5.48,5,0.	Quant Date	: 12/29/2025 6:16 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A14.D
Acq On : 28 Dec 2025 09:21 pm
Operator : VOA100:JIC
Sample : L2580856-05,31H,5.59,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 29 06:50:10 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	140585	20.000	ug/L	0.00
Standard Area 1 = 159908			Recovery = 87.92%			
60) Chlorobenzene-d5	9.793	117	127680	20.000	ug/L	0.00
Standard Area 1 = 142938			Recovery = 89.33%			
80) 1,4-Dichlorobenzene-d4	12.461	152	78031	20.000	ug/L	0.00
Standard Area 1 = 85973			Recovery = 90.76%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.404	113	41025	21.007	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.04%			
44) 1,2-Dichloroethane-d4	5.934	65	41638	21.453	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.26%			
61) Toluene-d8	7.937	98	155720	18.979	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.89%			
84) 4-Bromofluorobenzene	11.261	95	61300	19.712	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.369	94	391	0.346	ug/L	99
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.155	76	11302	1.588	ug/L	92
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.690	84	323	0.149	ug/L #	30
17) Acetone	0.000		0	N.D.	d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D.	d	
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Cyclohexane	0.000		0	N.D.		
33) Chloroform	5.226	83	455	0.118	ug/L #	53
35) Carbon tetrachloride	0.000		0	N.D.		
38) 1,1,1-Trichloroethane	0.000		0	N.D.		

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A14.D
Acq On : 28 Dec 2025 09:21 pm
Operator : VOA100:JIC
Sample : L2580856-05,31H,5.59,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 29 06:50:10 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2-Butanone	0.000		0	N.D. d		
42) Benzene	0.000		0	N.D.		
45) 1,2-Dichloroethane	0.000		0	N.D.		
48) Methyl cyclohexane	0.000		0	N.D.		
49) Trichloroethene	0.000		0	N.D.		
52) 1,2-Dichloropropane	0.000		0	N.D.		
55) Bromodichloromethane	0.000		0	N.D.		
59) cis-1,3-Dichloropropene	0.000		0	N.D.		
62) Toluene	0.000		0	N.D.		
63) 4-Methyl-2-pentanone	0.000		0	N.D.		
64) Tetrachloroethene	0.000		0	N.D.		
66) trans-1,3-Dichloropropene	0.000		0	N.D.		
69) 1,1,2-Trichloroethane	0.000		0	N.D.		
70) Chlorodibromomethane	0.000		0	N.D.		
72) 1,2-Dibromoethane	0.000		0	N.D.		
73) 2-Hexanone	0.000		0	N.D.		
74) Chlorobenzene	9.814	112	88542	13.714	ug/L #	87
75) Ethylbenzene	0.000		0	N.D.		
77) p/m Xylene	0.000		0	N.D.		
78) o Xylene	0.000		0	N.D.		
79) Styrene	0.000		0	N.D.		
81) Bromoform	0.000		0	N.D.		
83) Isopropylbenzene	0.000		0	N.D.		
86) n-Propylbenzene	11.255	91	102	N.D.		
88) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
91) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
95) tert-Butylbenzene	0.000		0	N.D.		
98) 1,2,4-Trimethylbenzene	0.000		0	N.D.		
99) sec-Butylbenzene	0.000		0	N.D.		
100) p-Isopropyltoluene	0.000		0	N.D.		
101) 1,3-Dichlorobenzene	0.000		0	N.D.		
102) 1,4-Dichlorobenzene	0.000		0	N.D.		
104) n-Butylbenzene	0.000		0	N.D.		
105) 1,2-Dichlorobenzene	0.000		0	N.D.		
107) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
110) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
111) Naphthalene	14.601	128	195	N.D.		

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

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A14.D
Acq On : 28 Dec 2025 09:21 pm
Operator : VOA100:JIC
Sample : L2580856-05,31H,5.59,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 29 06:50:10 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

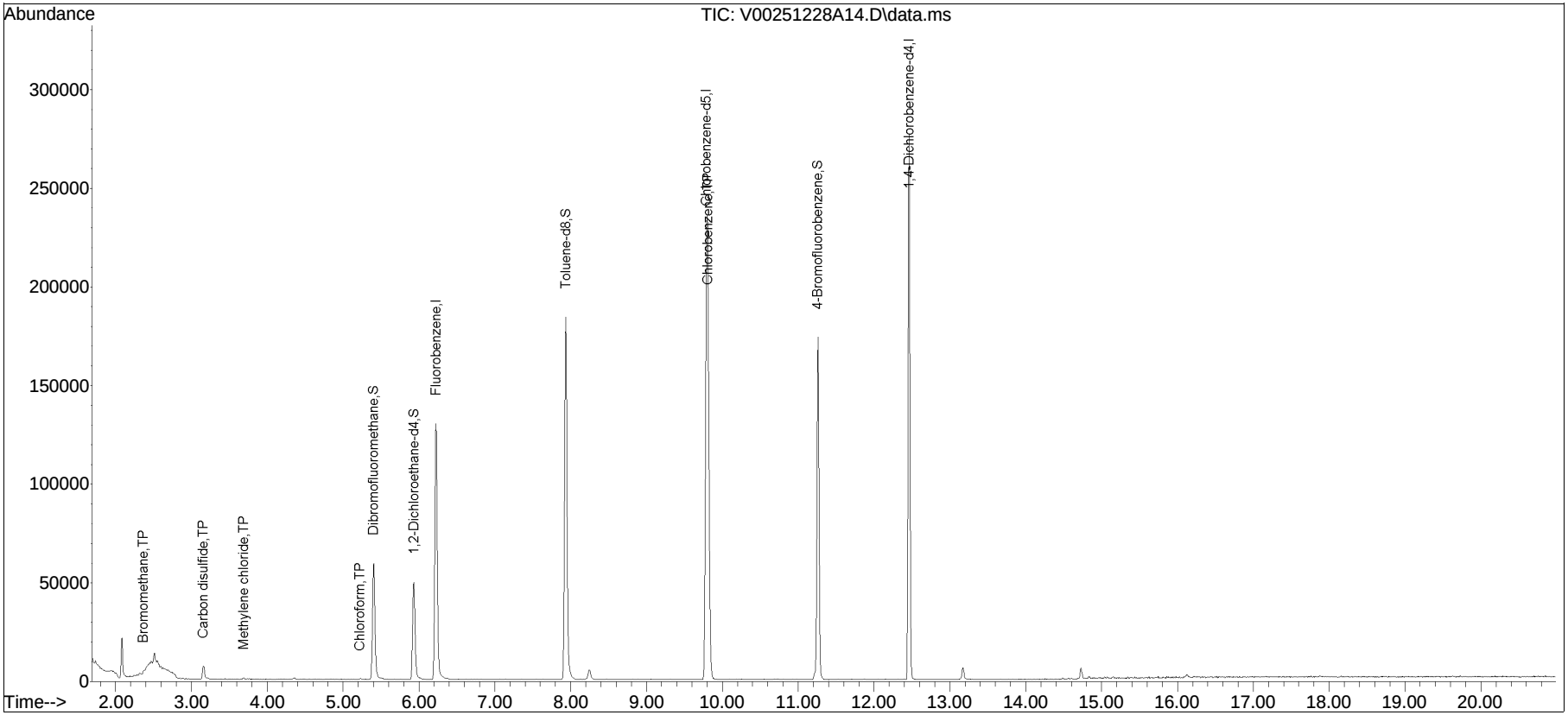
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

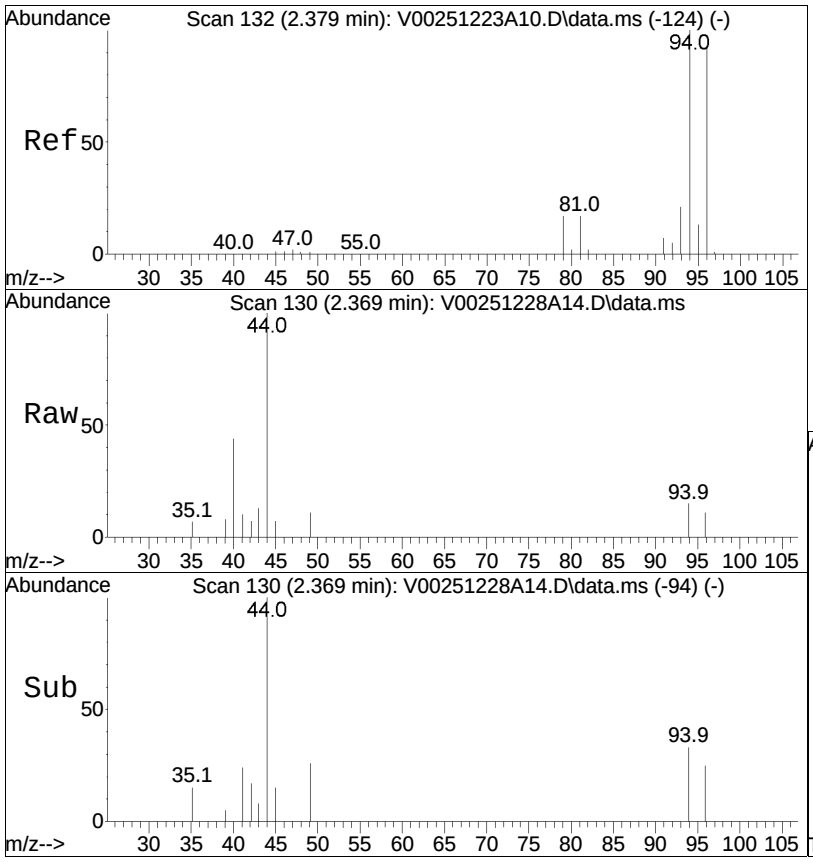
Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A14.D
Acq On : 28 Dec 2025 09:21 pm
Operator : VOA100:JIC
Sample : L2580856-05,31H,5.59,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 29 06:50:10 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS1228A01.D•

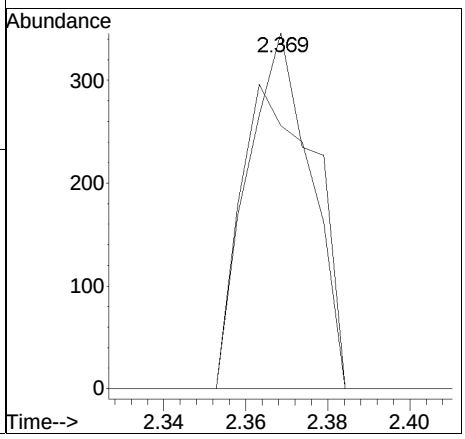


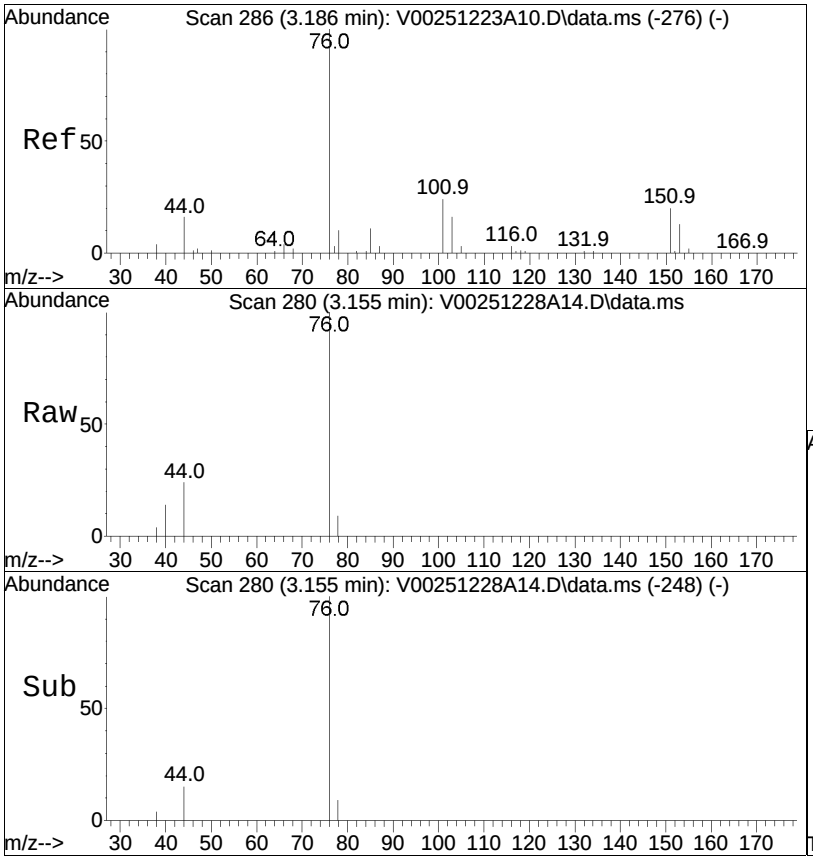


#5
Bromomethane
Concen: 0.35 ug/L
RT: 2.369 min Scan# 130
Delta R.T. -0.010 min
Lab File: V00251228A14.D
Acq: 28 Dec 2025 09:21 pm

Tgt Ion: 94 Resp: 391

Ion	Ratio	Lower	Upper
94	100		
96	91.0	72.4	112.4

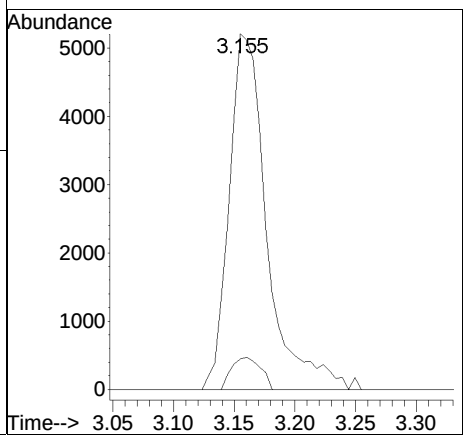


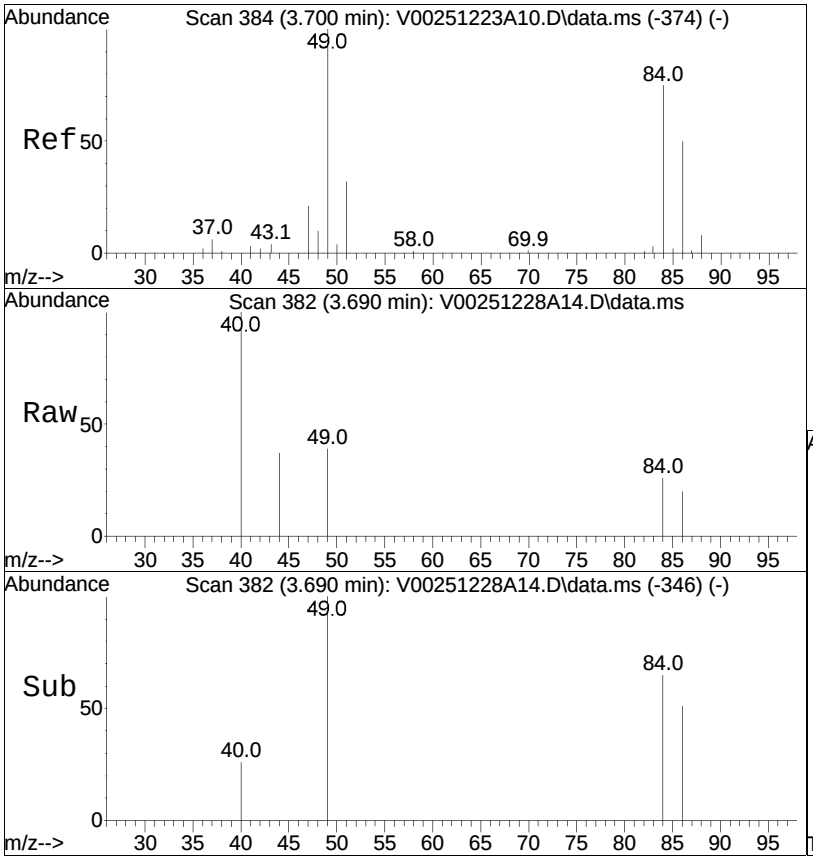


#11
Carbon disulfide
Concen: 1.59 ug/L
RT: 3.155 min Scan# 280
Delta R.T. -0.031 min
Lab File: V00251228A14.D
Acq: 28 Dec 2025 09:21 pm

Tgt Ion: 76 Resp: 11302

Ion	Ratio	Lower	Upper
76	100		
78	7.0	6.4	13.4

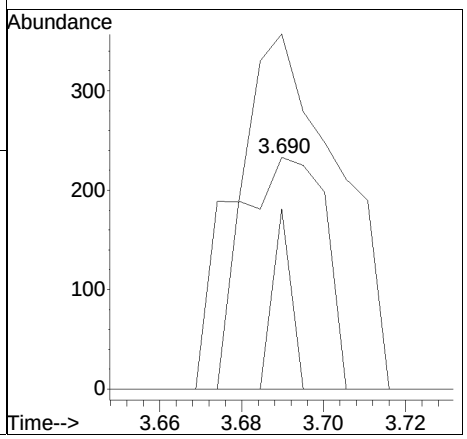


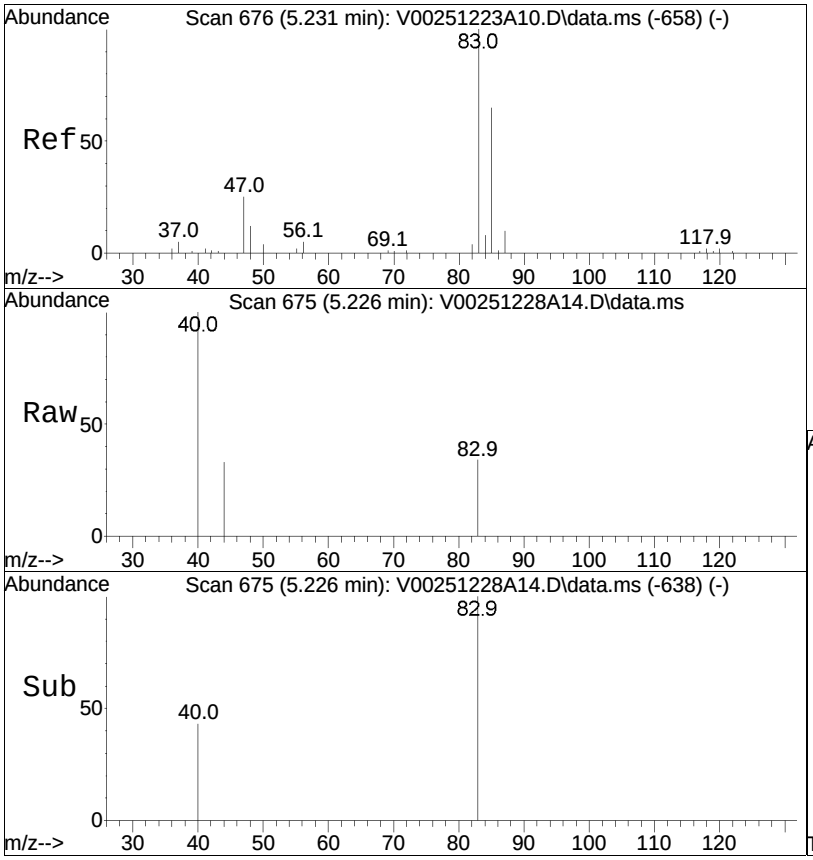


#15
Methylene chloride
Concen: 0.15 ug/L
RT: 3.690 min Scan# 382
Delta R.T. -0.010 min
Lab File: V00251228A14.D
Acq: 28 Dec 2025 09:21 pm

Tgt Ion: 84 Resp: 323

Ion	Ratio	Lower	Upper
84	100		
86	17.6	39.6	82.2#
49	194.1	72.7	150.9#

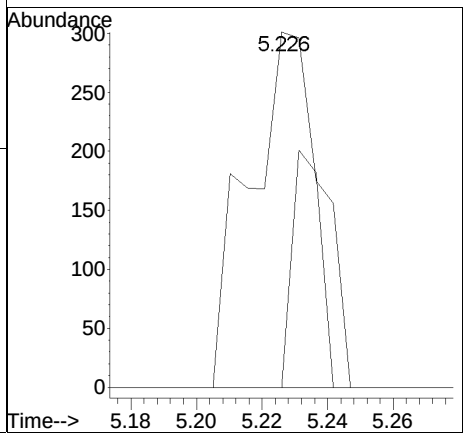


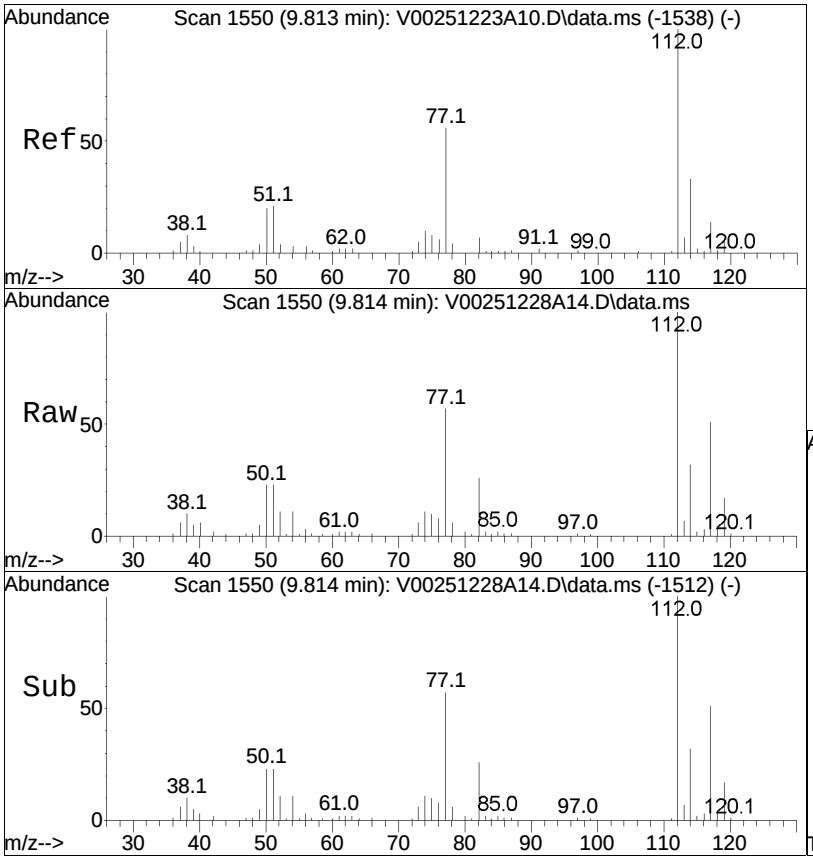


#33
Chloroform
Concen: 0.12 ug/L
RT: 5.226 min Scan# 675
Delta R.T. -0.005 min
Lab File: V00251228A14.D
Acq: 28 Dec 2025 09:21 pm

Tgt Ion: 83 Resp: 455

Ion	Ratio	Lower	Upper
83	100		
85	26.4	43.3	89.9#
47	0.0	14.4	29.8#
48	0.0	7.5	15.7#

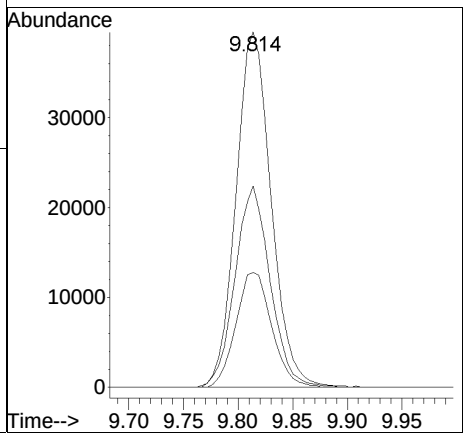




#74
Chlorobenzene
Concen: 13.71 ug/L
RT: 9.814 min Scan# 1550
Delta R.T. 0.000 min
Lab File: V00251228A14.D
Acq: 28 Dec 2025 09:21 pm

Tgt Ion:112 Resp: 88542

Ion	Ratio	Lower	Upper
112	100		
77	56.7	57.9	86.9#
114	32.9	25.7	38.5



Manual Integration Report

Data Path	: K:\VOA100\2025\251228A\	QMethod	: V100_251223A_8260.m
Data File	: V00251228A14.D	Operator	: VOA100:JIC
Date Inj'd	: 12/28/2025 9:21 pm	Instrument	: VOA100
Sample	: L2580856-05,31H,5.59,5,0.1	Quant Date	: 12/29/2025 6:17 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A14.D
Acq On : 28 Dec 2025 09:21 pm
Operator : VOA100:JIC
Sample : L2580856-05,31H,5.59,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 14 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V00251228A14.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.085	70	76	88	rBV	20307	30267	4.50%	1.228%
2	2.468	126	149	153	rBV9	6568	33040	4.92%	1.340%
3	5.404	694	709	731	rBV	59050	136251	20.27%	5.527%
4	5.934	800	810	831	rBV	49175	112956	16.80%	4.582%
5	6.227	856	866	890	rBV	129655	296313	44.08%	12.020%
6	7.937	1181	1192	1219	rVB	183898	408054	60.71%	16.553%
7	9.798	1535	1547	1567	rBV2	235268	672176	100.00%	27.267%
8	11.261	1811	1826	1845	rVB	173644	321253	47.79%	13.032%
9	12.461	2046	2055	2071	rVB	276268	454814	67.66%	18.450%

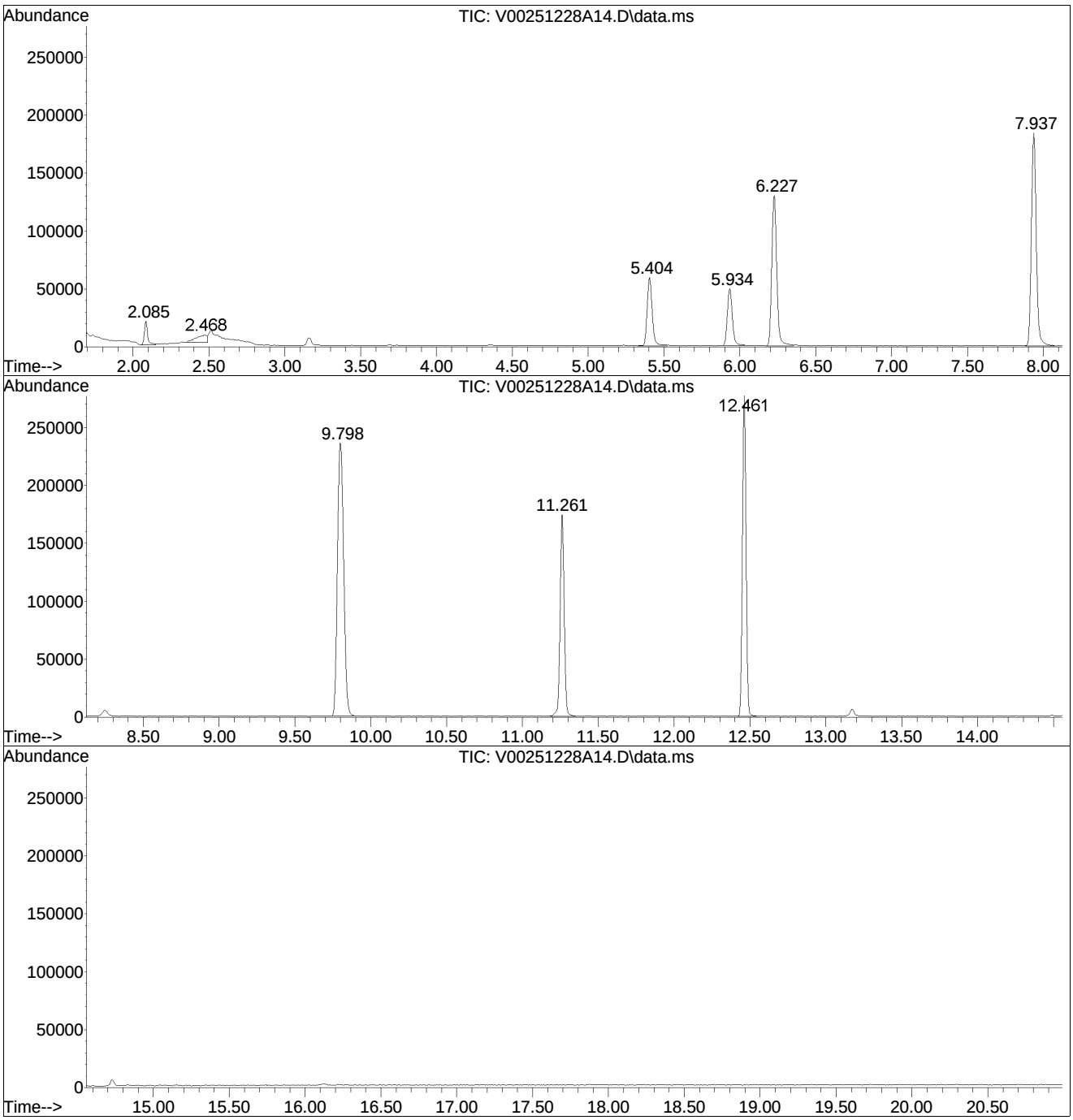
Sum of corrected areas: 2465124

LSC Report - Integrated Chromatogram

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A14.D
Acq On : 28 Dec 2025 09:21 pm
Operator : VOA100:JIC
Sample : L2580856-05,31H,5.59,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 14 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A14.D
Acq On : 28 Dec 2025 09:21 pm
Operator : VOA100:JIC
Sample : L2580856-05,31H,5.59,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 14 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

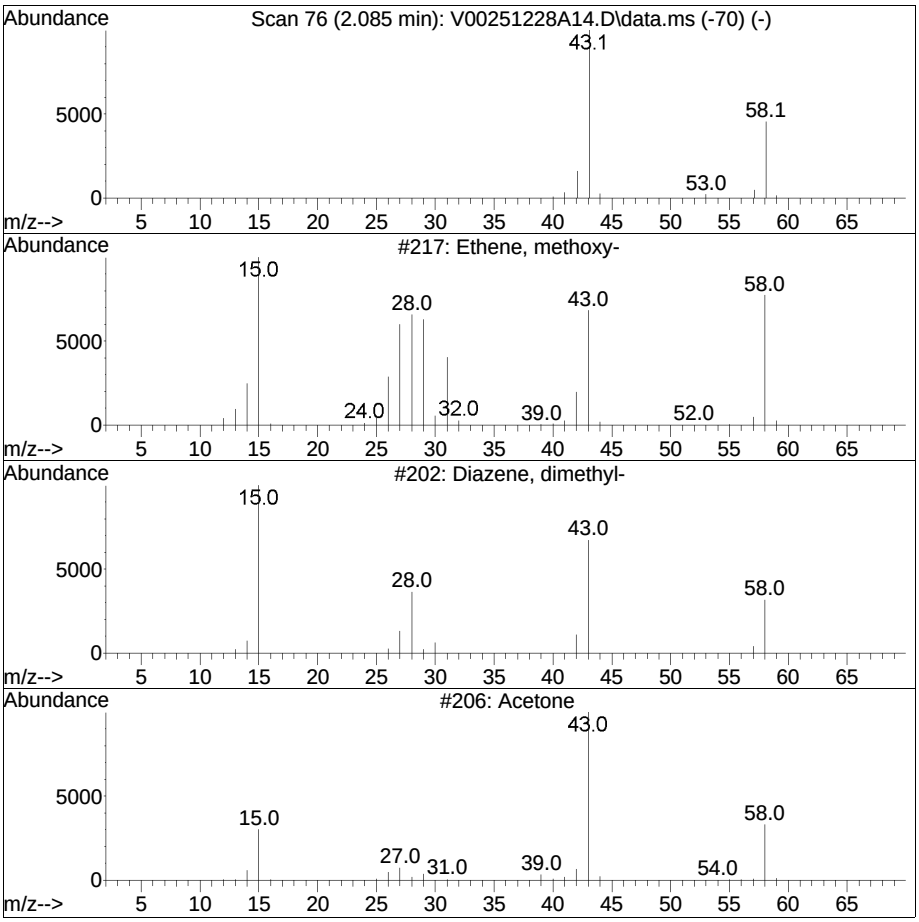
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

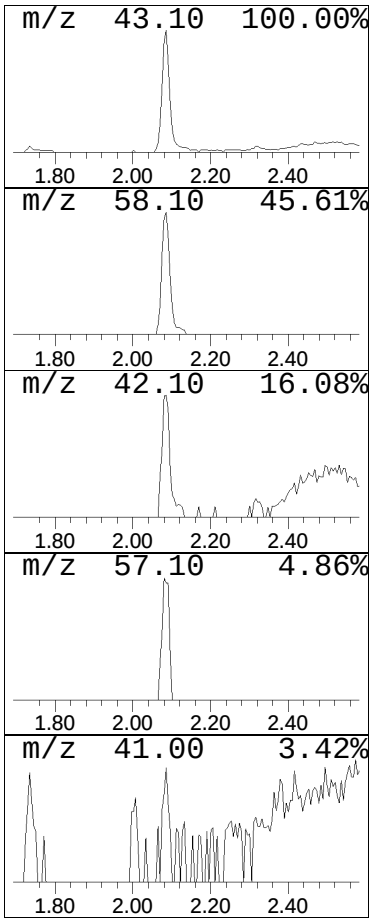
****

Peak Number 1 Unknown Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.085	2.04 ug/L	30267		6.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethene, methoxy-	58	C3H6O	000107-25-5	9
2	Diazene, dimethyl-	58	C2H6N2	000503-28-6	9
3	Acetone	58	C3H6O	000067-64-1	9
4	Propylene oxide	58	C3H6O	000075-56-9	4
5	Propanal	58	C3H6O	000123-38-6	4





Library Search Compound Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A14.D
Acq On : 28 Dec 2025 09:21 pm
Operator : VOA100:JIC
Sample : L2580856-05,31H,5.59,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 14 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

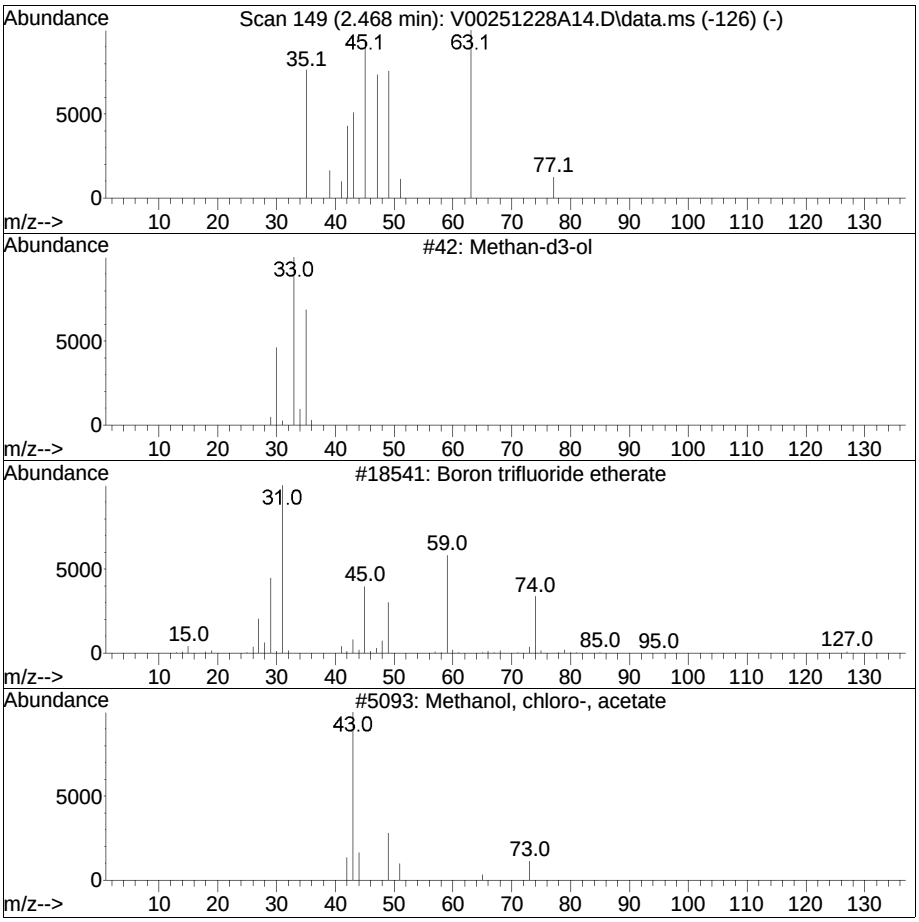
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

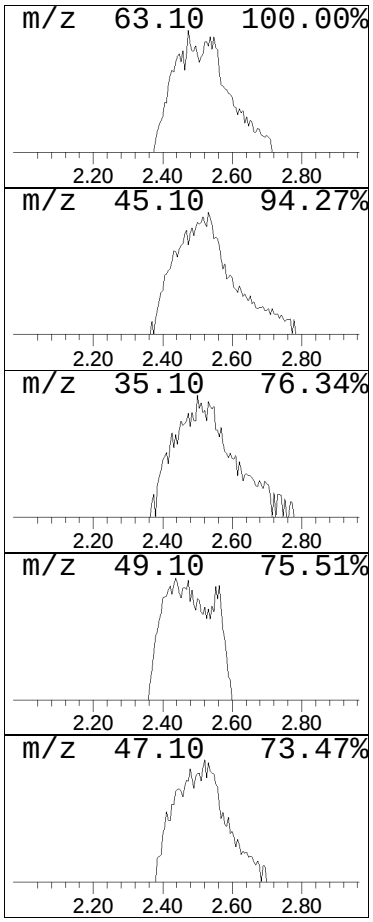
****

Peak Number 2 Unknown Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.468	2.23 ug/L	33040		6.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methan-d3-ol	35	CHD3O	001849-29-2	3
2	Boron trifluoride etherate	142	C4H10BF3O	000109-63-7	2
3	Methanol, chloro-, acetate	108	C3H5ClO2	000625-56-9	2
4	Acetyl chloride	78	C2H3ClO	000075-36-5	1
5	Methoxyacetyl chloride	108	C3H5ClO2	038870-89-2	1





Tentatively Identified Compound (LSC) summary

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A14.D
Acq On : 28 Dec 2025 09:21 pm
Operator : VOA100:JIC
Sample : L2580856-05,31H,5.59,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 14 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	2.085	2.0	ug/L	30267	1	6.227	296313	20.0
Unknown	2.468	2.2	ug/L	33040	1	6.227	296313	20.0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A15.D
Acq On : 28 Dec 2025 09:47 pm
Operator : VOA100:JIC
Sample : L2580856-06D,31H,5.29,5,0.01,,X
Misc : WG2159678,ICAL22914
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 29 06:17:07 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CB - CB

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	145522	20.000	ug/L	0.00
Standard Area 1 = 159908			Recovery = 91.00%			
60) Chlorobenzene-d5	9.793	117	134604	20.000	ug/L	0.00
Standard Area 1 = 142938			Recovery = 94.17%			
80) 1,4-Dichlorobenzene-d4	12.461	152	78253	20.000	ug/L	0.00
Standard Area 1 = 85973			Recovery = 91.02%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.404	113	41987	20.770	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.85%			
44) 1,2-Dichloroethane-d4	5.934	65	40780	20.298	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.49%			
61) Toluene-d8	7.937	98	160759	18.585	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 92.92%			
84) 4-Bromofluorobenzene	11.261	95	61129	19.601	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.00%			
Target Compounds						Qvalue
74) Chlorobenzene	9.814	112	1546074	227.142	ug/L	# 87

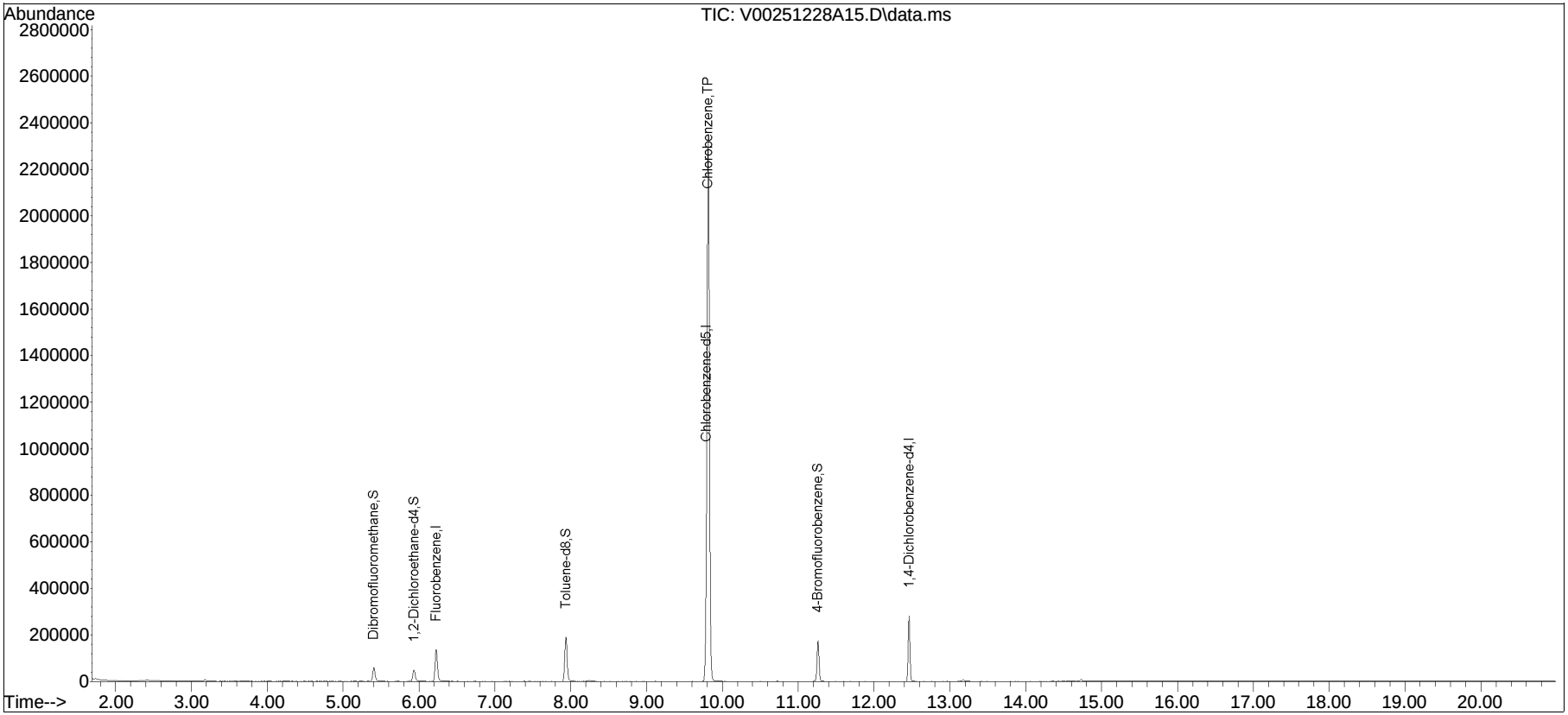
(#) = qualifier out of range (m) = manual integration (+) = signals summed

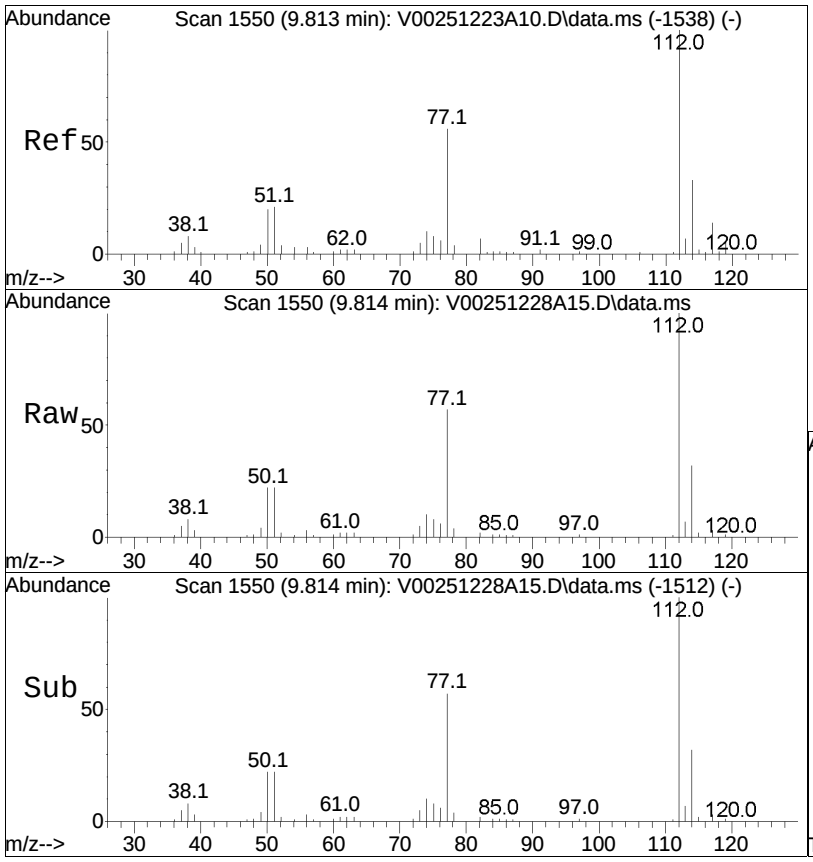
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A15.D
Acq On : 28 Dec 2025 09:47 pm
Operator : VOA100:JIC
Sample : L2580856-06D,31H,5.29,5,0.01,,X
Misc : WG2159678,ICAL22914
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 29 06:17:07 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-CB - CB0\2025\251228A\V00251228A01.D•

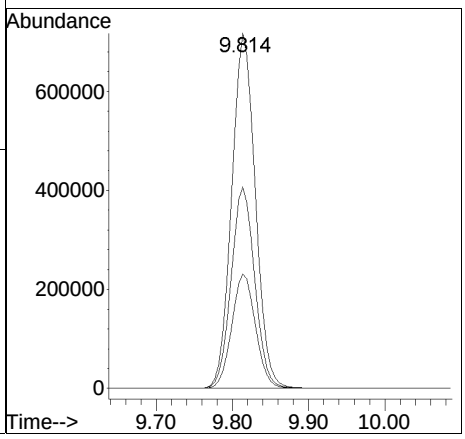




#74
Chlorobenzene
Concen: 227.14 ug/L
RT: 9.814 min Scan# 1550
Delta R.T. 0.000 min
Lab File: V00251228A15.D
Acq: 28 Dec 2025 09:47 pm

Tgt Ion:112 Resp: 1546074

Ion	Ratio	Lower	Upper
112	100		
77	56.6	57.9	86.9#
114	32.4	25.7	38.5



Manual Integration Report

Data Path	: K:\VOA100\2025\251228A\	QMethod	: V100_251223A_8260.m
Data File	: V00251228A15.D	Operator	: VOA100:JIC
Date Inj'd	: 12/28/2025 9:47 pm	Instrument	: VOA100
Sample	: L2580856-06D,31H,5.29,5,0.	Quant Date	: 12/29/2025 6:17 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A17.D
Acq On : 28 Dec 2025 10:40 pm
Operator : VOA100:JIC
Sample : L2580856-07,31H,5.42,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 29 06:50:48 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	135671	20.000	ug/L	0.00
Standard Area 1 = 159908			Recovery = 84.84%			
60) Chlorobenzene-d5	9.793	117	124632	20.000	ug/L	0.00
Standard Area 1 = 142938			Recovery = 87.19%			
80) 1,4-Dichlorobenzene-d4	12.461	152	75427	20.000	ug/L	0.00
Standard Area 1 = 85973			Recovery = 87.73%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.404	113	39604	21.014	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.07%			
44) 1,2-Dichloroethane-d4	5.934	65	40210	21.468	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.34%			
61) Toluene-d8	7.937	98	151927	18.969	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.84%			
84) 4-Bromofluorobenzene	11.261	95	59441	19.774	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.87%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.369	94	354	0.325	ug/L	89
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.160	76	11619	1.692	ug/L	92
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.690	84	271	0.129	ug/L #	37
17) Acetone	0.000		0	N.D.	d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D.	d	
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Cyclohexane	0.000		0	N.D.		
33) Chloroform	5.221	83	613	0.165	ug/L #	67
35) Carbon tetrachloride	0.000		0	N.D.		
38) 1,1,1-Trichloroethane	0.000		0	N.D.		

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A17.D
Acq On : 28 Dec 2025 10:40 pm
Operator : VOA100:JIC
Sample : L2580856-07,31H,5.42,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 29 06:50:48 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2-Butanone	0.000		0	N.D. d		
42) Benzene	0.000		0	N.D.		
45) 1,2-Dichloroethane	0.000		0	N.D.		
48) Methyl cyclohexane	0.000		0	N.D.		
49) Trichloroethene	0.000		0	N.D.		
52) 1,2-Dichloropropane	0.000		0	N.D.		
55) Bromodichloromethane	0.000		0	N.D.		
59) cis-1,3-Dichloropropene	0.000		0	N.D.		
62) Toluene	0.000		0	N.D.		
63) 4-Methyl-2-pentanone	0.000		0	N.D.		
64) Tetrachloroethene	0.000		0	N.D.		
66) trans-1,3-Dichloropropene	0.000		0	N.D.		
69) 1,1,2-Trichloroethane	0.000		0	N.D.		
70) Chlorodibromomethane	0.000		0	N.D.		
72) 1,2-Dibromoethane	0.000		0	N.D.		
73) 2-Hexanone	0.000		0	N.D.		
74) Chlorobenzene	9.814	112	232847	36.946	ug/L #	86
75) Ethylbenzene	9.793	91	47	N.D.		
77) p/m Xylene	0.000		0	N.D.		
78) o Xylene	0.000		0	N.D.		
79) Styrene	0.000		0	N.D.		
81) Bromoform	0.000		0	N.D.		
83) Isopropylbenzene	0.000		0	N.D.		
86) n-Propylbenzene	11.539	91	54	N.D.		
88) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
91) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
95) tert-Butylbenzene	0.000		0	N.D.		
98) 1,2,4-Trimethylbenzene	0.000		0	N.D.		
99) sec-Butylbenzene	0.000		0	N.D.		
100) p-Isopropyltoluene	0.000		0	N.D.		
101) 1,3-Dichlorobenzene	12.477	146	48	N.D.		
102) 1,4-Dichlorobenzene	12.477	146	48	N.D.		
104) n-Butylbenzene	0.000		0	N.D.		
105) 1,2-Dichlorobenzene	0.000		0	N.D.		
107) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
110) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
111) Naphthalene	14.611	128	197	N.D.		

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

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A17.D
Acq On : 28 Dec 2025 10:40 pm
Operator : VOA100:JIC
Sample : L2580856-07,31H,5.42,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 29 06:50:48 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

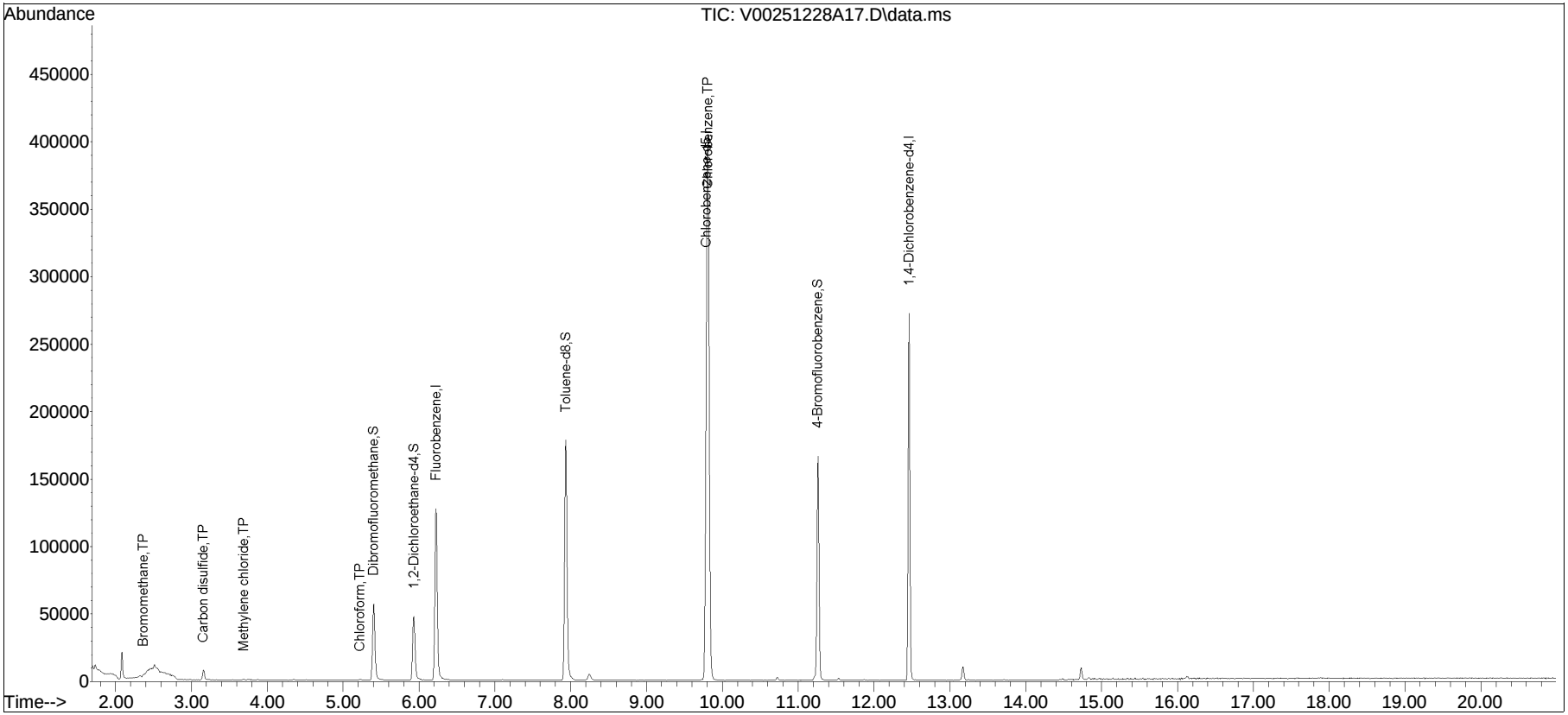
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

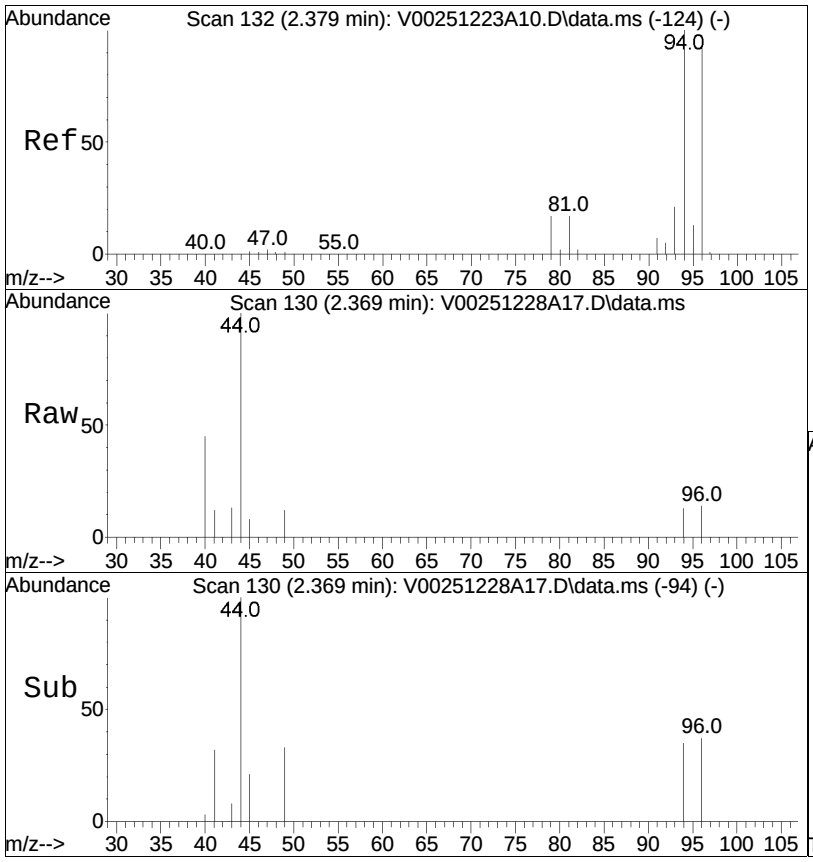
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A17.D
Acq On : 28 Dec 2025 10:40 pm
Operator : VOA100:JIC
Sample : L2580856-07,31H,5.42,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 29 06:50:48 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS1228A01.D•

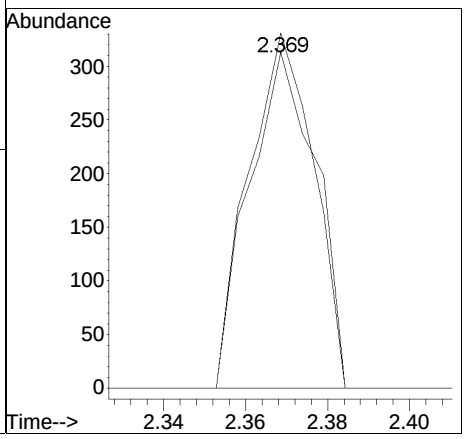


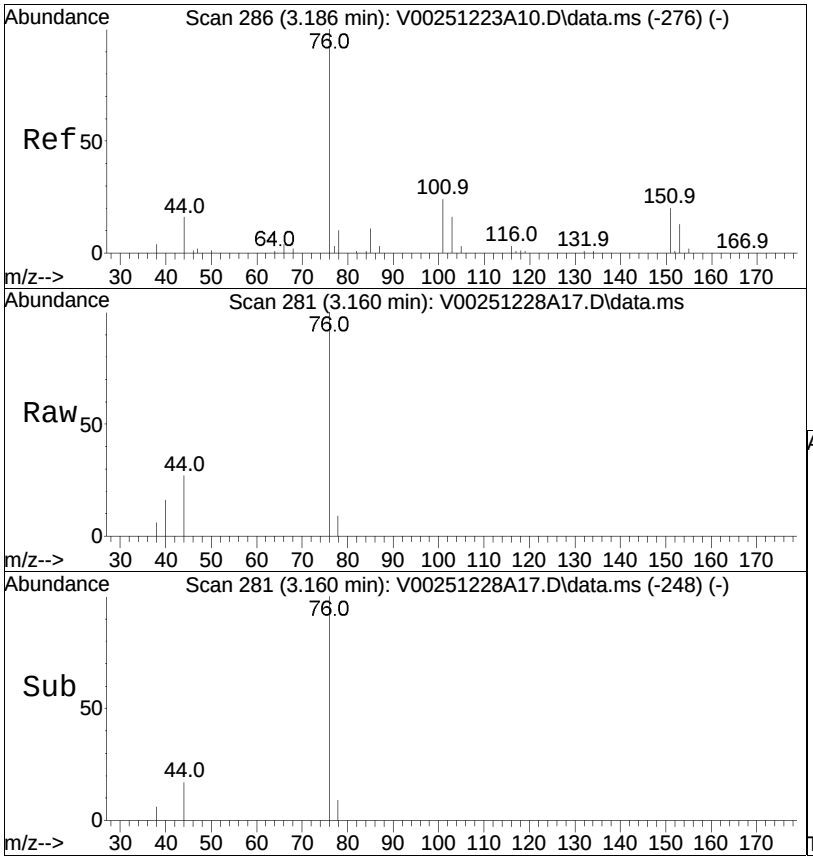


#5
Bromomethane
Concen: 0.32 ug/L
RT: 2.369 min Scan# 130
Delta R.T. -0.010 min
Lab File: V00251228A17.D
Acq: 28 Dec 2025 10:40 pm

Tgt Ion: 94 Resp: 354

Ion	Ratio	Lower	Upper
94	100		
96	103.1	72.4	112.4

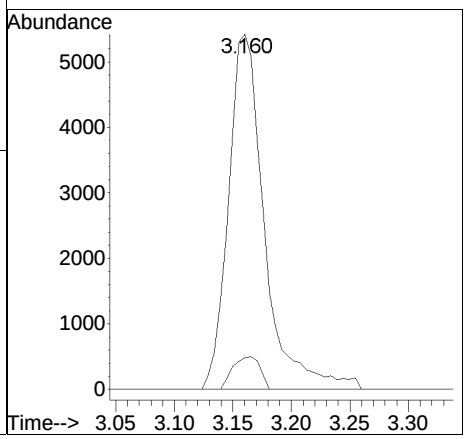


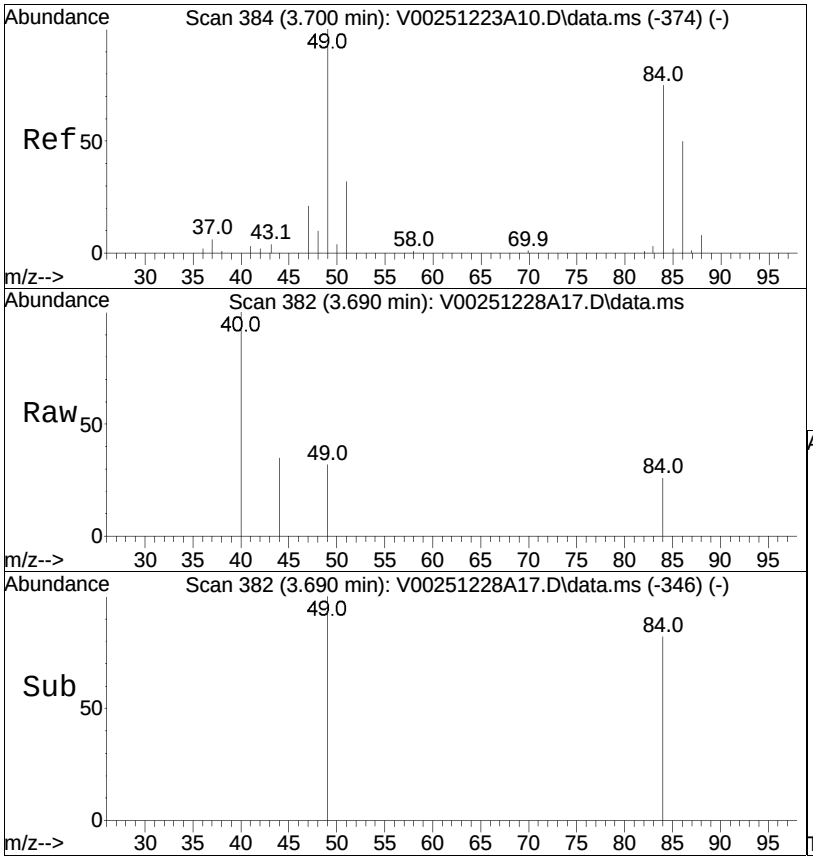


#11
Carbon disulfide
Concen: 1.69 ug/L
RT: 3.160 min Scan# 281
Delta R.T. -0.026 min
Lab File: V00251228A17.D
Acq: 28 Dec 2025 10:40 pm

Tgt Ion: 76 Resp: 11619

Ion	Ratio	Lower	Upper
76	100		
78	7.0	6.4	13.4

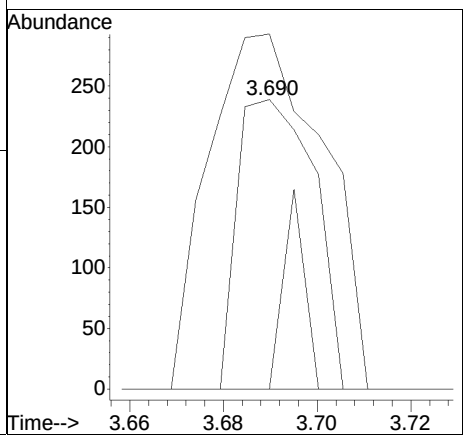


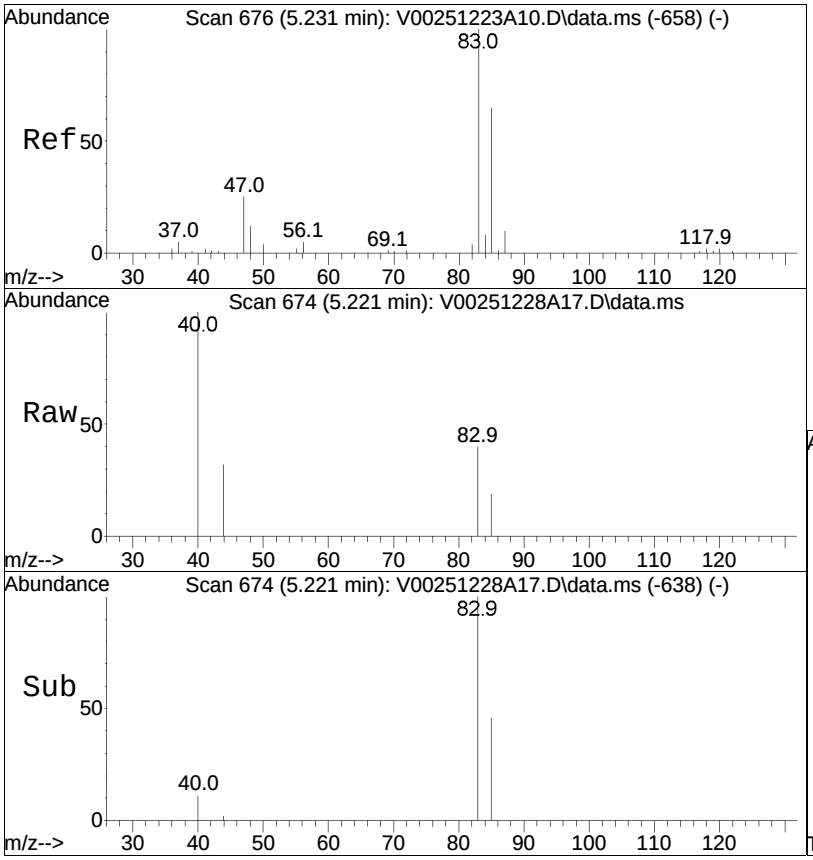


#15
Methylene chloride
Concen: 0.13 ug/L
RT: 3.690 min Scan# 382
Delta R.T. -0.010 min
Lab File: V00251228A17.D
Acq: 28 Dec 2025 10:40 pm

Tgt Ion: 84 Resp: 271

Ion	Ratio	Lower	Upper
84	100		
86	19.2	39.6	82.2#
49	183.8	72.7	150.9#

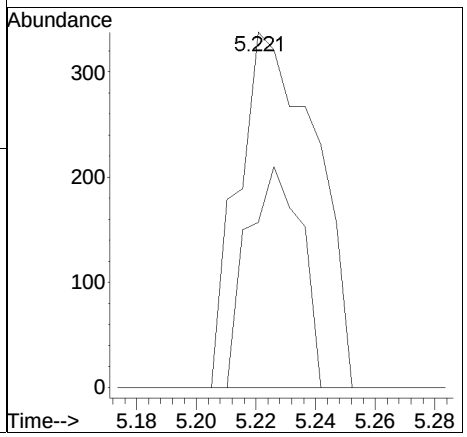


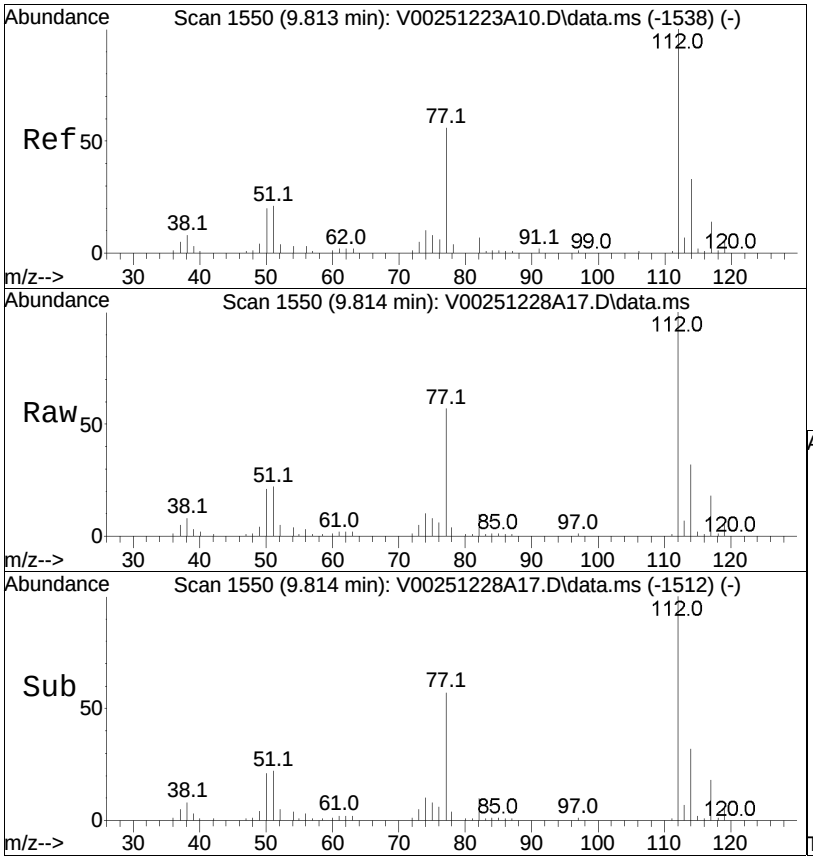


#33
Chloroform
Concen: 0.17 ug/L
RT: 5.221 min Scan# 674
Delta R.T. -0.010 min
Lab File: V00251228A17.D
Acq: 28 Dec 2025 10:40 pm

Tgt Ion: 83 Resp: 613

Ion	Ratio	Lower	Upper
83	100		
85	43.1	43.3	89.9#
47	0.0	14.4	29.8#
48	0.0	7.5	15.7#

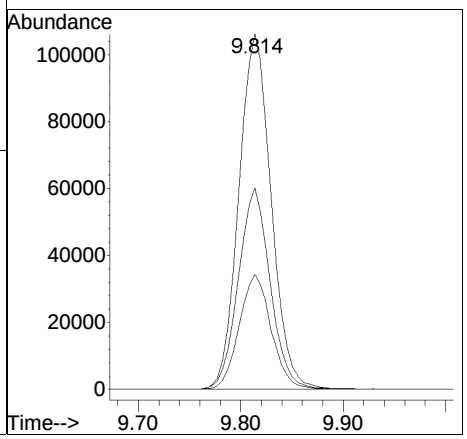




#74
Chlorobenzene
Concen: 36.95 ug/L
RT: 9.814 min Scan# 1550
Delta R.T. 0.000 min
Lab File: V00251228A17.D
Acq: 28 Dec 2025 10:40 pm

Tgt Ion:112 Resp: 232847

Ion	Ratio	Lower	Upper
112	100		
77	55.9	57.9	86.9#
114	32.0	25.7	38.5



Manual Integration Report

Data Path	: K:\VOA100\2025\251228A\	QMethod	: V100_251223A_8260.m
Data File	: V00251228A17.D	Operator	: VOA100:JIC
Date Inj'd	: 12/28/2025 10:40 pm	Instrument	: VOA100
Sample	: L2580856-07,31H,5.42,5,0.1	Quant Date	: 12/29/2025 6:17 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A17.D
Acq On : 28 Dec 2025 10:40 pm
Operator : VOA100:JIC
Sample : L2580856-07,31H,5.42,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 17 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V00251228A17.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.404	698	709	734	rBV	56673	129630	11.58%	4.643%
2	5.934	795	810	831	rBV	47083	110313	9.85%	3.951%
3	6.227	856	866	889	rBV	127091	289186	25.83%	10.358%
4	7.937	1182	1192	1218	rVB	177919	397066	35.46%	14.222%
5	9.808	1526	1549	1569	rBV2	404426	1119766	100.00%	40.108%
6	11.261	1812	1826	1844	rBV	166144	309262	27.62%	11.077%
7	12.461	2046	2055	2068	rBV	271586	436647	38.99%	15.640%

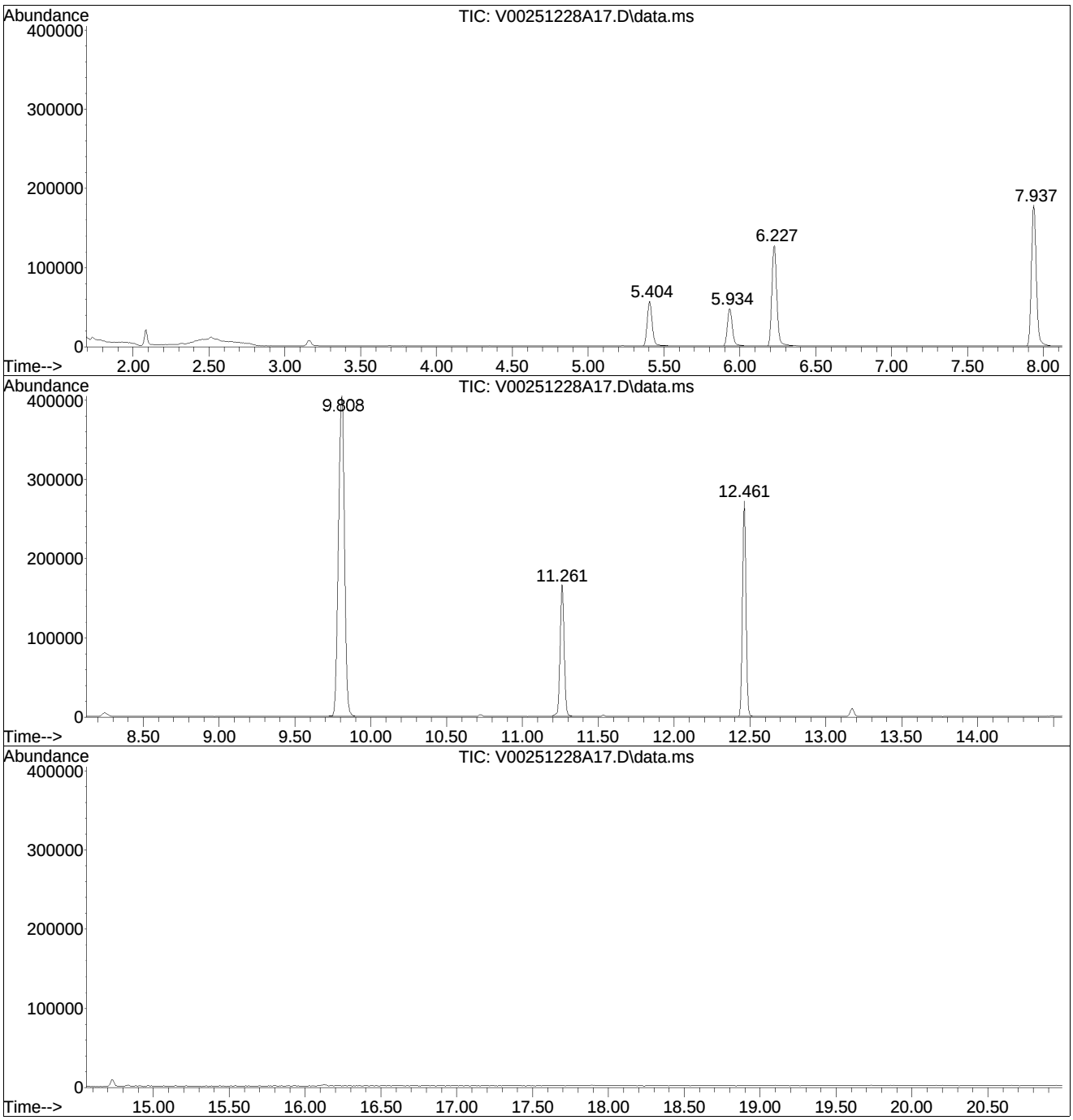
Sum of corrected areas: 2791870

LSC Report - Integrated Chromatogram

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A17.D
Acq On : 28 Dec 2025 10:40 pm
Operator : VOA100:JIC
Sample : L2580856-07,31H,5.42,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 17 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A17.D
Acq On : 28 Dec 2025 10:40 pm
Operator : VOA100:JIC
Sample : L2580856-07,31H,5.42,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 17 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A17.D
Acq On : 28 Dec 2025 10:40 pm
Operator : VOA100:JIC
Sample : L2580856-07,31H,5.42,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 17 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A18.D
Acq On : 28 Dec 2025 11:05 pm
Operator : VOA100:JIC
Sample : L2580856-08,31H,6.63,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 29 06:51:06 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	139468	20.000	ug/L	0.00
Standard Area 1 = 159908			Recovery = 87.22%			
60) Chlorobenzene-d5	9.793	117	127156	20.000	ug/L	0.00
Standard Area 1 = 142938			Recovery = 88.96%			
80) 1,4-Dichlorobenzene-d4	12.461	152	77722	20.000	ug/L	0.00
Standard Area 1 = 85973			Recovery = 90.40%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.404	113	39796	20.541	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.71%			
44) 1,2-Dichloroethane-d4	5.928	65	40211	20.884	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.42%			
61) Toluene-d8	7.937	98	153356	18.768	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.84%			
84) 4-Bromofluorobenzene	11.261	95	60272	19.459	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.368	94	388	0.346	ug/L	97
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.160	76	11163	1.581	ug/L	92
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.690	84	356	0.165	ug/L #	68
17) Acetone	0.000		0	N.D.	d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D.	d	
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Cyclohexane	0.000		0	N.D.		
33) Chloroform	5.226	83	735	0.193	ug/L #	77
35) Carbon tetrachloride	0.000		0	N.D.		
38) 1,1,1-Trichloroethane	0.000		0	N.D.		

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A18.D
Acq On : 28 Dec 2025 11:05 pm
Operator : VOA100:JIC
Sample : L2580856-08,31H,6.63,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 29 06:51:06 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2-Butanone	5.530	43	55	N.D.		
42) Benzene	0.000		0	N.D.		
45) 1,2-Dichloroethane	0.000		0	N.D.		
48) Methyl cyclohexane	0.000		0	N.D.		
49) Trichloroethene	0.000		0	N.D.		
52) 1,2-Dichloropropane	0.000		0	N.D.		
55) Bromodichloromethane	0.000		0	N.D.		
59) cis-1,3-Dichloropropene	0.000		0	N.D.		
62) Toluene	0.000		0	N.D.		
63) 4-Methyl-2-pentanone	0.000		0	N.D.		
64) Tetrachloroethene	0.000		0	N.D.		
66) trans-1,3-Dichloropropene	0.000		0	N.D.		
69) 1,1,2-Trichloroethane	0.000		0	N.D.		
70) Chlorodibromomethane	0.000		0	N.D.		
72) 1,2-Dibromoethane	0.000		0	N.D.		
73) 2-Hexanone	9.457	43	49	N.D.		
74) Chlorobenzene	9.814	112	510073	79.327	ug/L #	87
75) Ethylbenzene	9.861	91	762	N.D.		
77) p/m Xylene	0.000		0	N.D.		
78) o Xylene	0.000		0	N.D.		
79) Styrene	10.647	104	345	N.D.		
81) Bromoform	0.000		0	N.D.		
83) Isopropylbenzene	0.000		0	N.D.		
86) n-Propylbenzene	11.539	91	55	N.D.		
88) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
91) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
95) tert-Butylbenzene	0.000		0	N.D.		
98) 1,2,4-Trimethylbenzene	12.063	105	295	N.D.		
99) sec-Butylbenzene	12.063	105	295	N.D.		
100) p-Isopropyltoluene	0.000		0	N.D.		
101) 1,3-Dichlorobenzene	12.393	146	3002	0.505	ug/L	96
102) 1,4-Dichlorobenzene	12.477	146	26240	4.355	ug/L	99
104) n-Butylbenzene	0.000		0	N.D.		
105) 1,2-Dichlorobenzene	12.896	146	18208	3.253	ug/L	98
107) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
110) 1,2,4-Trichlorobenzene	14.312	180	327	N.D.		
111) Naphthalene	14.606	128	433	N.D.		

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

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A18.D
Acq On : 28 Dec 2025 11:05 pm
Operator : VOA100:JIC
Sample : L2580856-08,31H,6.63,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 29 06:51:06 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

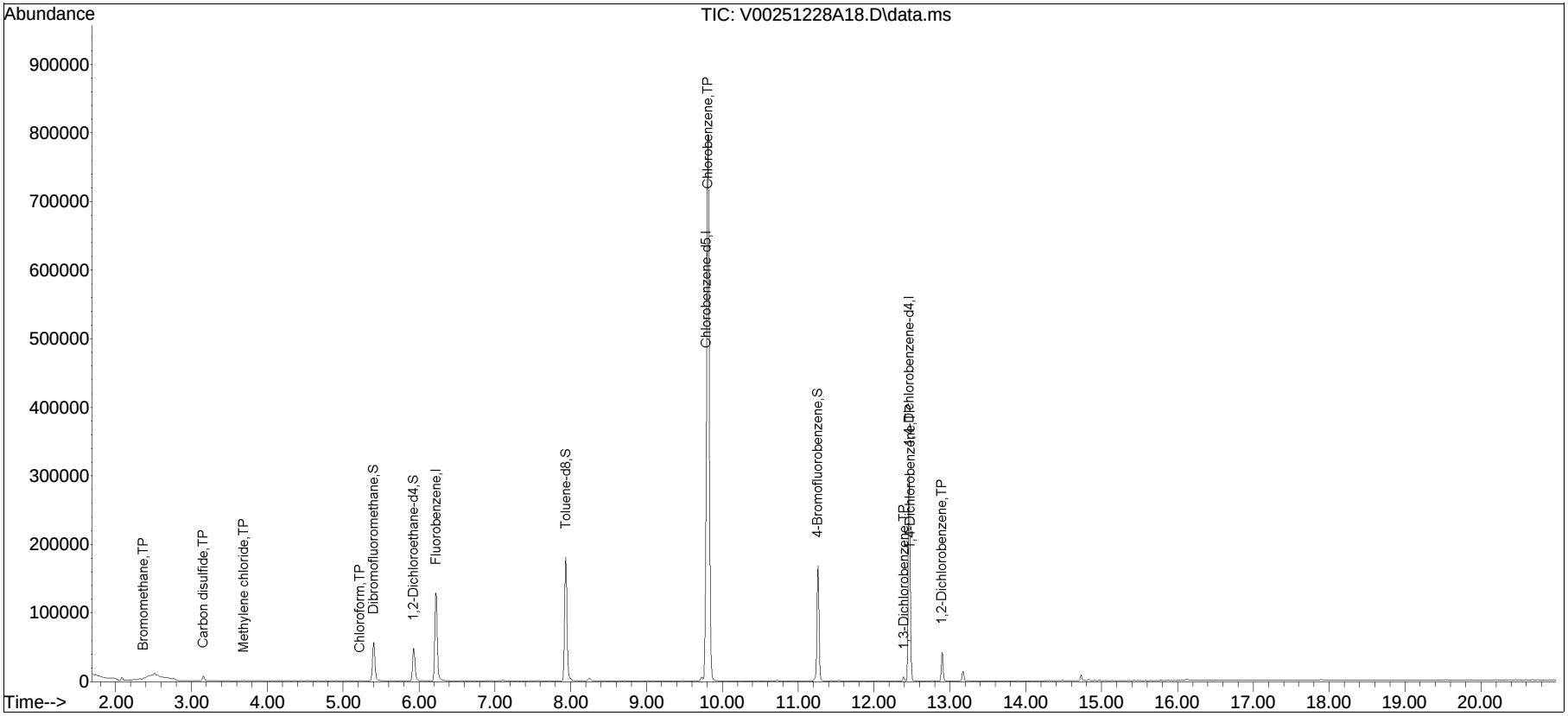
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

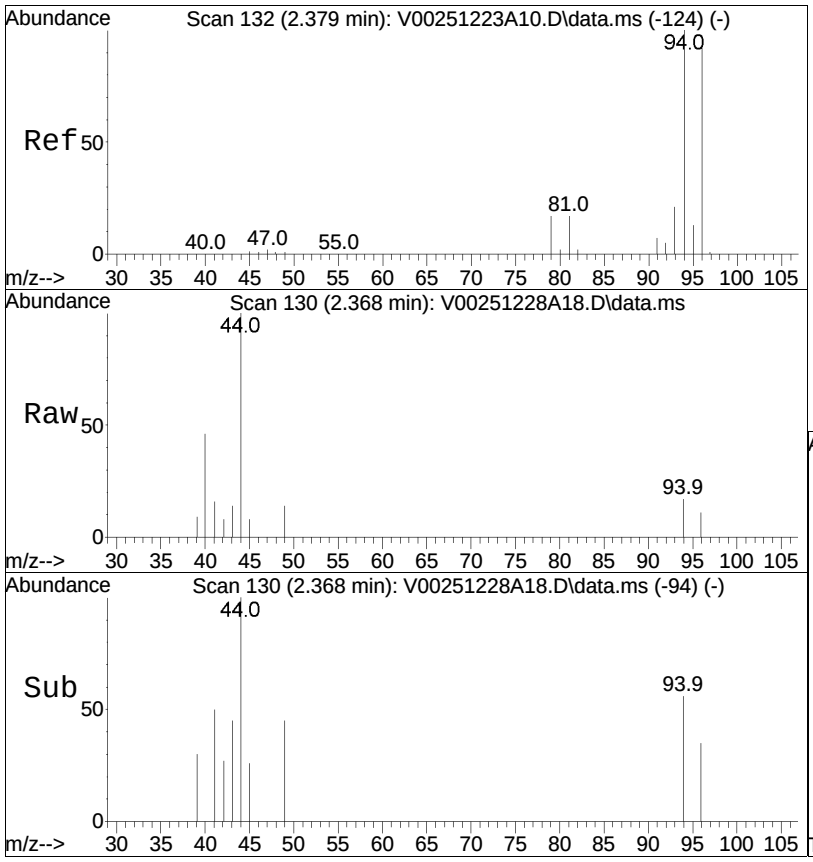
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A18.D
Acq On : 28 Dec 2025 11:05 pm
Operator : VOA100:JIC
Sample : L2580856-08,31H,6.63,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 29 06:51:06 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS1228A01.D•

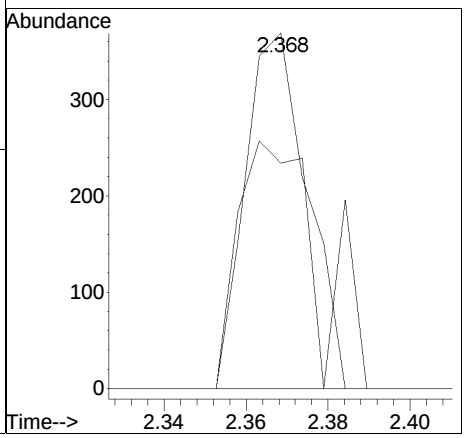


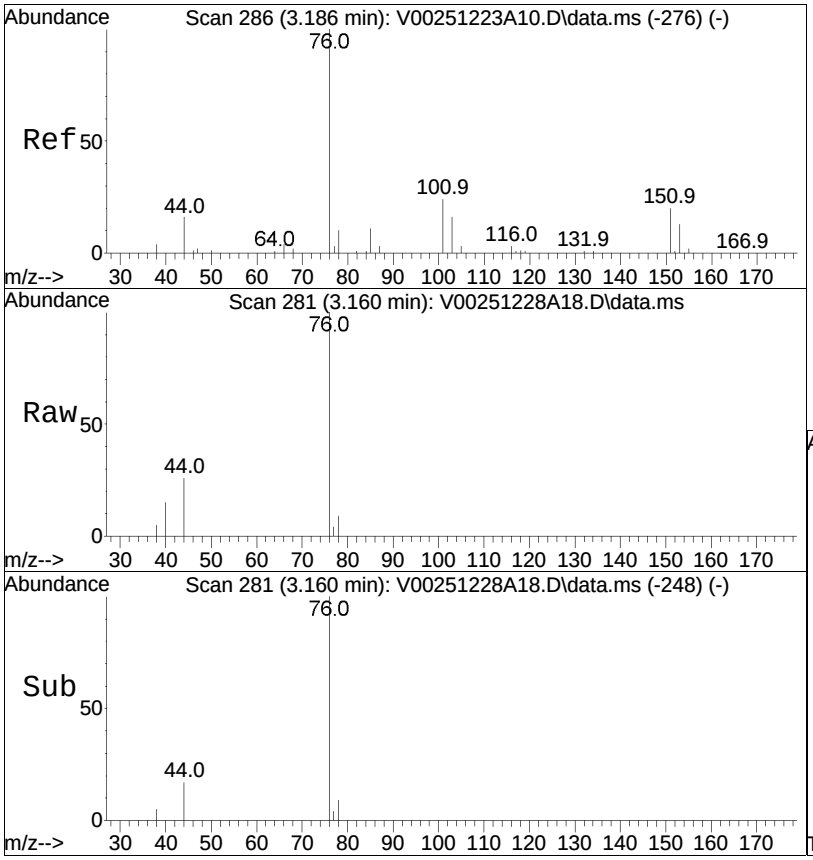


#5
Bromomethane
Concen: 0.35 ug/L
RT: 2.368 min Scan# 130
Delta R.T. -0.010 min
Lab File: V00251228A18.D
Acq: 28 Dec 2025 11:05 pm

Tgt Ion: 94 Resp: 388

Ion	Ratio	Lower	Upper
94	100		
96	89.9	72.4	112.4

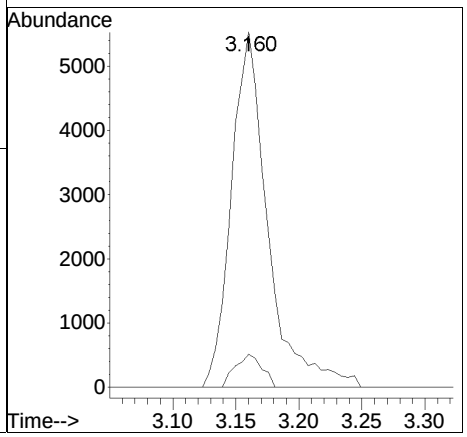


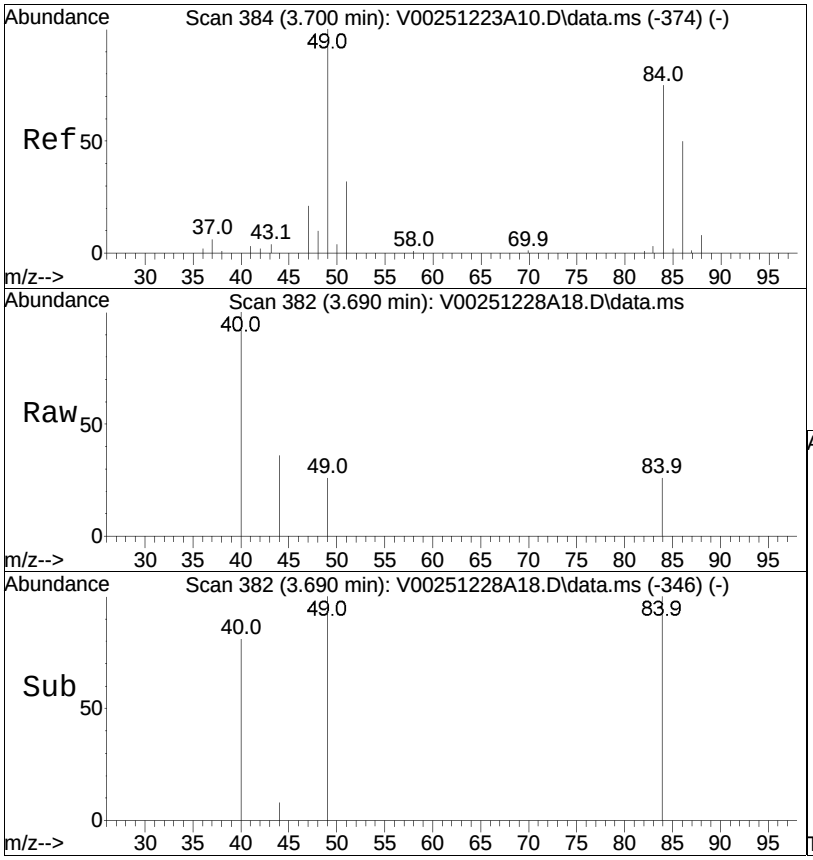


#11
Carbon disulfide
Concen: 1.58 ug/L
RT: 3.160 min Scan# 281
Delta R.T. -0.026 min
Lab File: V00251228A18.D
Acq: 28 Dec 2025 11:05 pm

Tgt Ion: 76 Resp: 11163

Ion	Ratio	Lower	Upper
76	100		
78	6.9	6.4	13.4

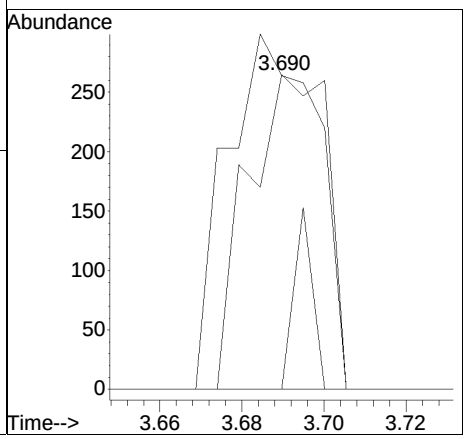


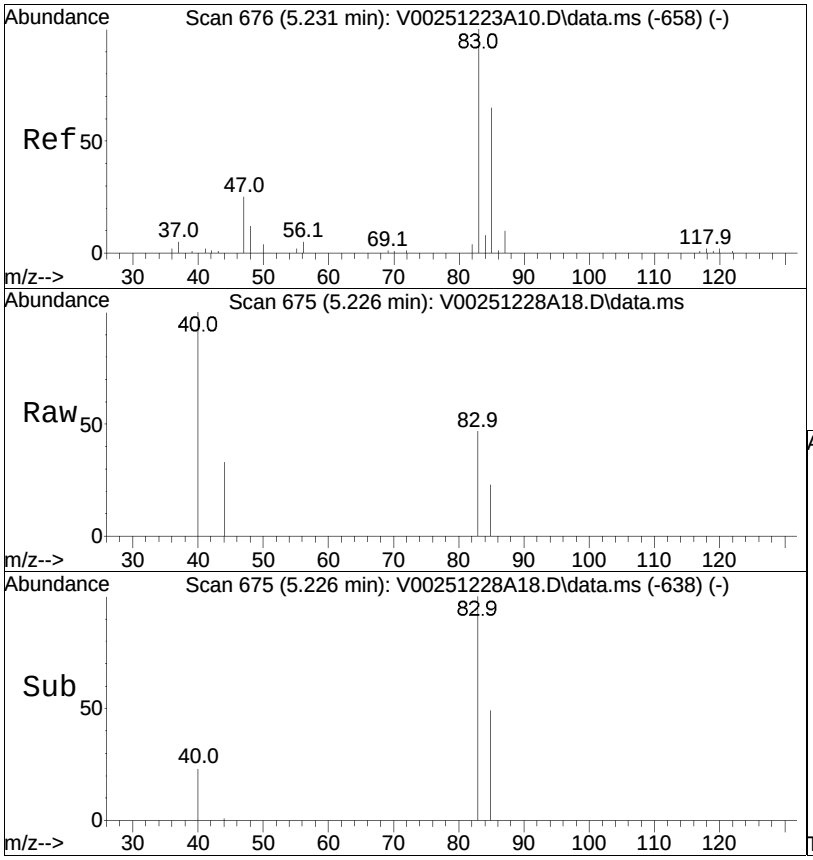


#15
Methylene chloride
Concen: 0.17 ug/L
RT: 3.690 min Scan# 382
Delta R.T. -0.010 min
Lab File: V00251228A18.D
Acq: 28 Dec 2025 11:05 pm

Tgt Ion: 84 Resp: 356

Ion	Ratio	Lower	Upper
84	100		
86	13.5	39.6	82.2#
49	127.8	72.7	150.9

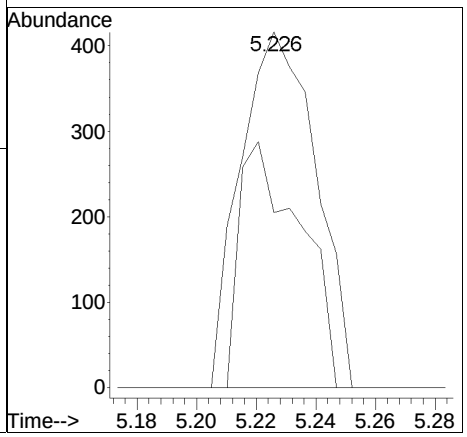


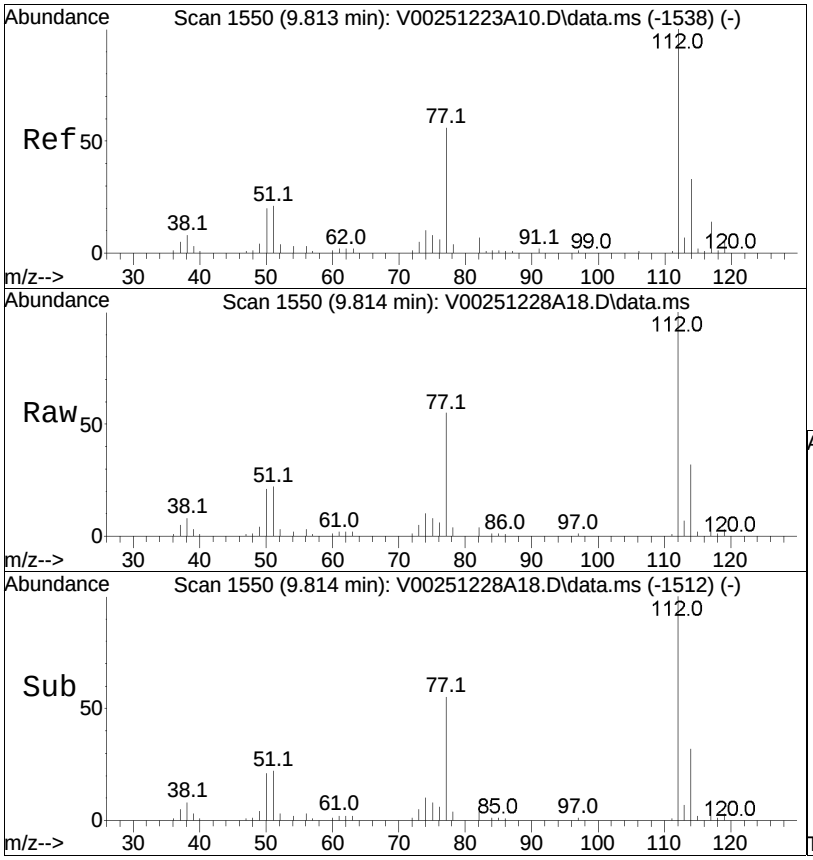


#33
Chloroform
Concen: 0.19 ug/L
RT: 5.226 min Scan# 675
Delta R.T. -0.005 min
Lab File: V00251228A18.D
Acq: 28 Dec 2025 11:05 pm

Tgt Ion: 83 Resp: 735

Ion	Ratio	Lower	Upper
83	100		
85	55.9	43.3	89.9
47	0.0	14.4	29.8#
48	0.0	7.5	15.7#

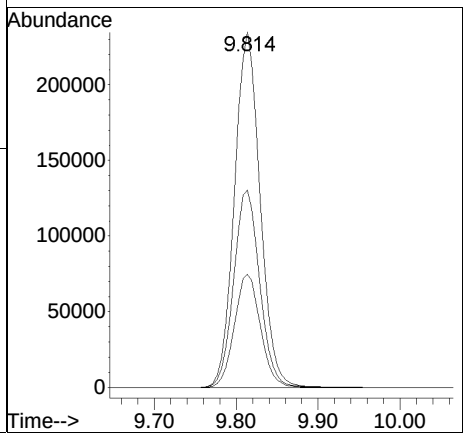


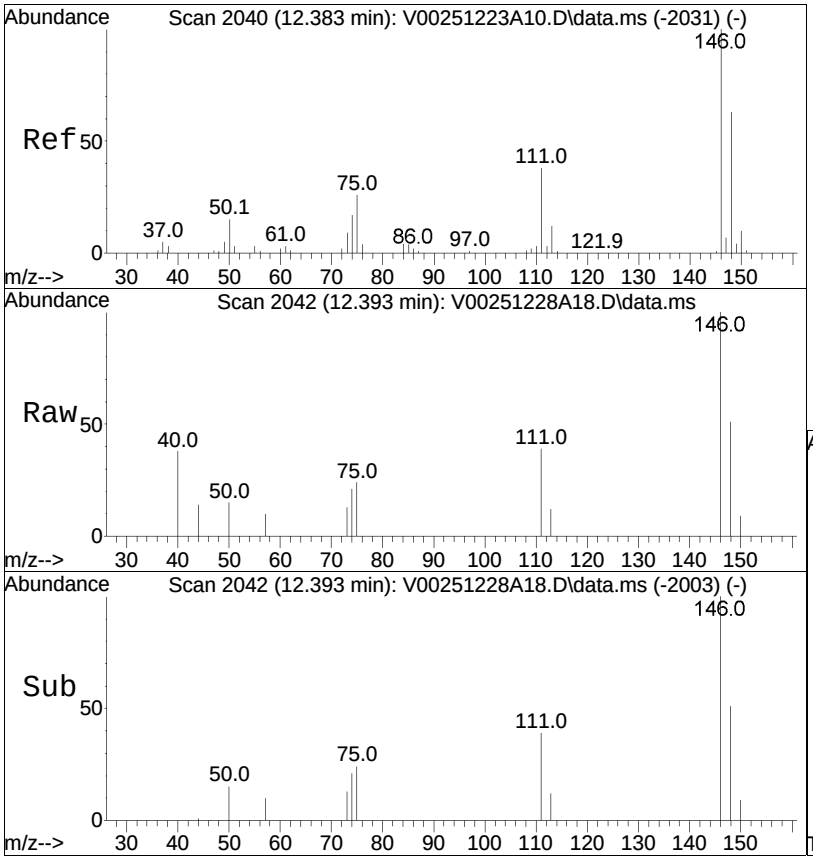


#74
Chlorobenzene
Concen: 79.33 ug/L
RT: 9.814 min Scan# 1550
Delta R.T. 0.000 min
Lab File: V00251228A18.D
Acq: 28 Dec 2025 11:05 pm

Tgt Ion:112 Resp: 510073

Ion	Ratio	Lower	Upper
112	100		
77	56.4	57.9	86.9#
114	32.4	25.7	38.5

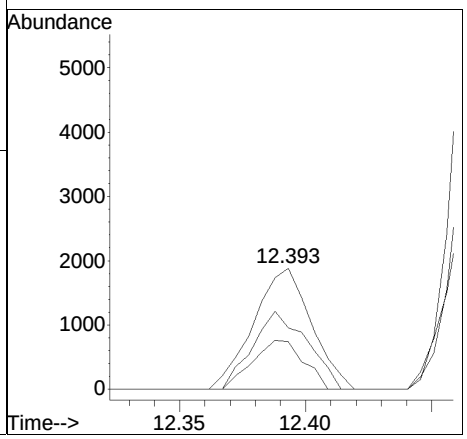


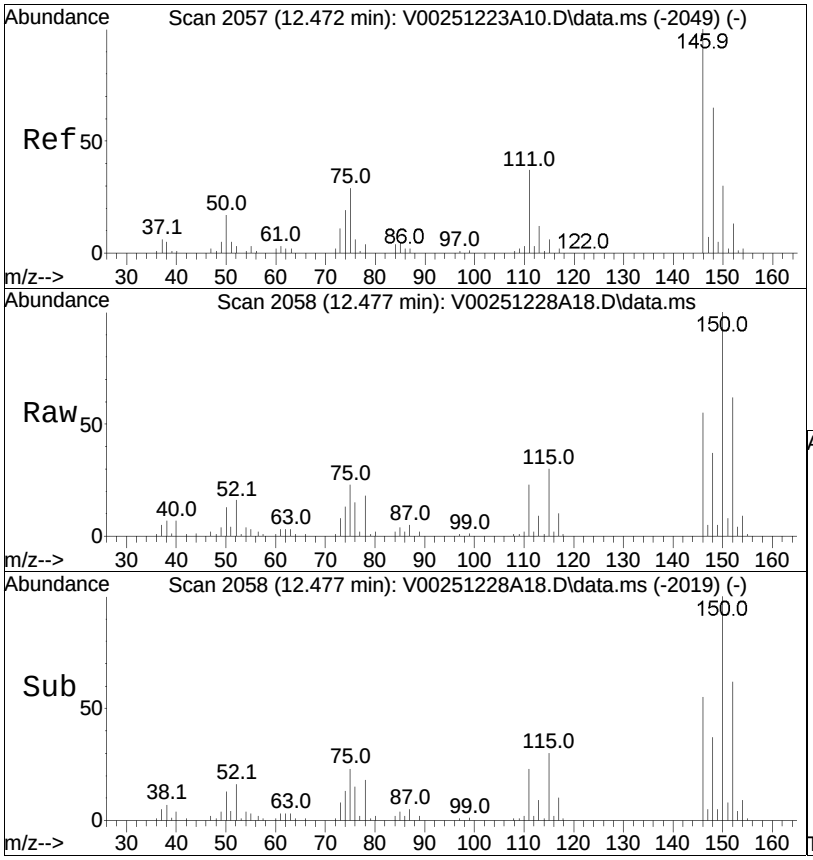


#101
1,3-Dichlorobenzene
Concen: 0.51 ug/L
RT: 12.393 min Scan# 2042
Delta R.T. 0.005 min
Lab File: V00251228A18.D
Acq: 28 Dec 2025 11:05 pm

Tgt Ion:146 Resp: 3002

Ion	Ratio	Lower	Upper
146	100		
111	35.8	26.1	54.1
148	60.8	40.8	84.8

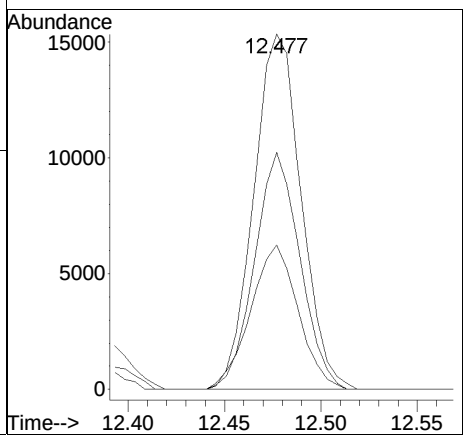


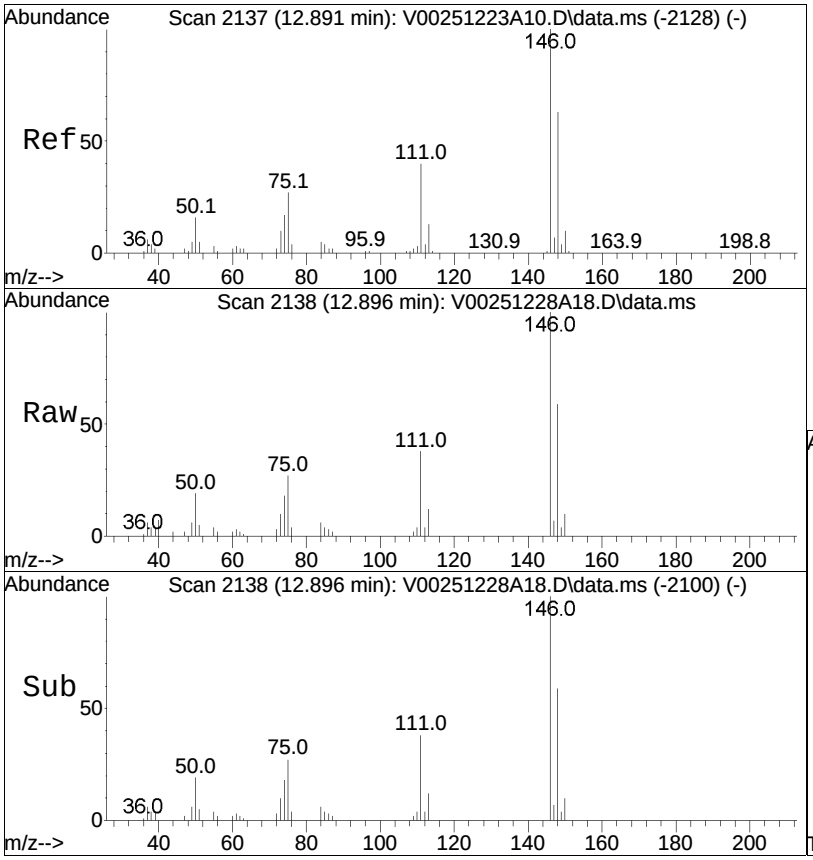


#102
1,4-Dichlorobenzene
Concen: 4.35 ug/L
RT: 12.477 min Scan# 2058
Delta R.T. 0.005 min
Lab File: V00251228A18.D
Acq: 28 Dec 2025 11:05 pm

Tgt Ion:146 Resp: 26240

Ion	Ratio	Lower	Upper
146	100		
111	40.8	32.1	48.1
148	63.9	50.6	75.8

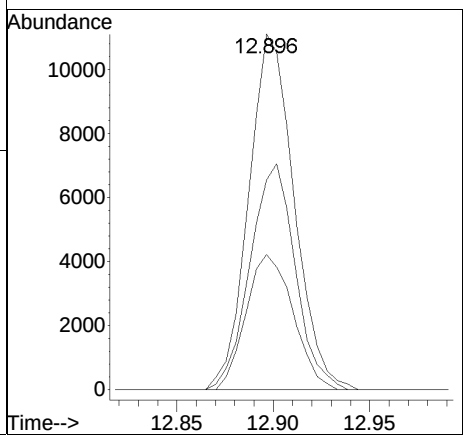




#105
1,2-Dichlorobenzene
Concen: 3.25 ug/L
RT: 12.896 min Scan# 2138
Delta R.T. 0.000 min
Lab File: V00251228A18.D
Acq: 28 Dec 2025 11:05 pm

Tgt Ion:146 Resp: 18208

Ion	Ratio	Lower	Upper
146	100		
111	39.2	26.9	55.9
148	63.1	40.3	83.7



Manual Integration Report

Data Path	: K:\VOA100\2025\251228A\	QMethod	: V100_251223A_8260.m
Data File	: V00251228A18.D	Operator	: VOA100:JIC
Date Inj'd	: 12/28/2025 11:05 pm	Instrument	: VOA100
Sample	: L2580856-08,31H,6.63,5,0.1	Quant Date	: 12/29/2025 6:17 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A18.D
Acq On : 28 Dec 2025 11:05 pm
Operator : VOA100:JIC
Sample : L2580856-08,31H,6.63,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 18 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V00251228A18.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.404	696	709	731	rBV	56747	129438	6.45%	3.334%
2	5.928	799	809	828	rBV	47619	109123	5.44%	2.811%
3	6.222	856	865	891	rBV	129031	295911	14.74%	7.623%
4	7.937	1180	1192	1216	rVB	180604	403833	20.12%	10.403%
5	9.808	1537	1549	1572	rVB2	796504	2007166	100.00%	51.706%
6	11.261	1810	1826	1842	rVB	168226	315850	15.74%	8.137%
7	12.461	2047	2055	2070	rVB2	301707	552763	27.54%	14.240%
8	12.896	2128	2138	2148	rVB2	42026	67799	3.38%	1.747%

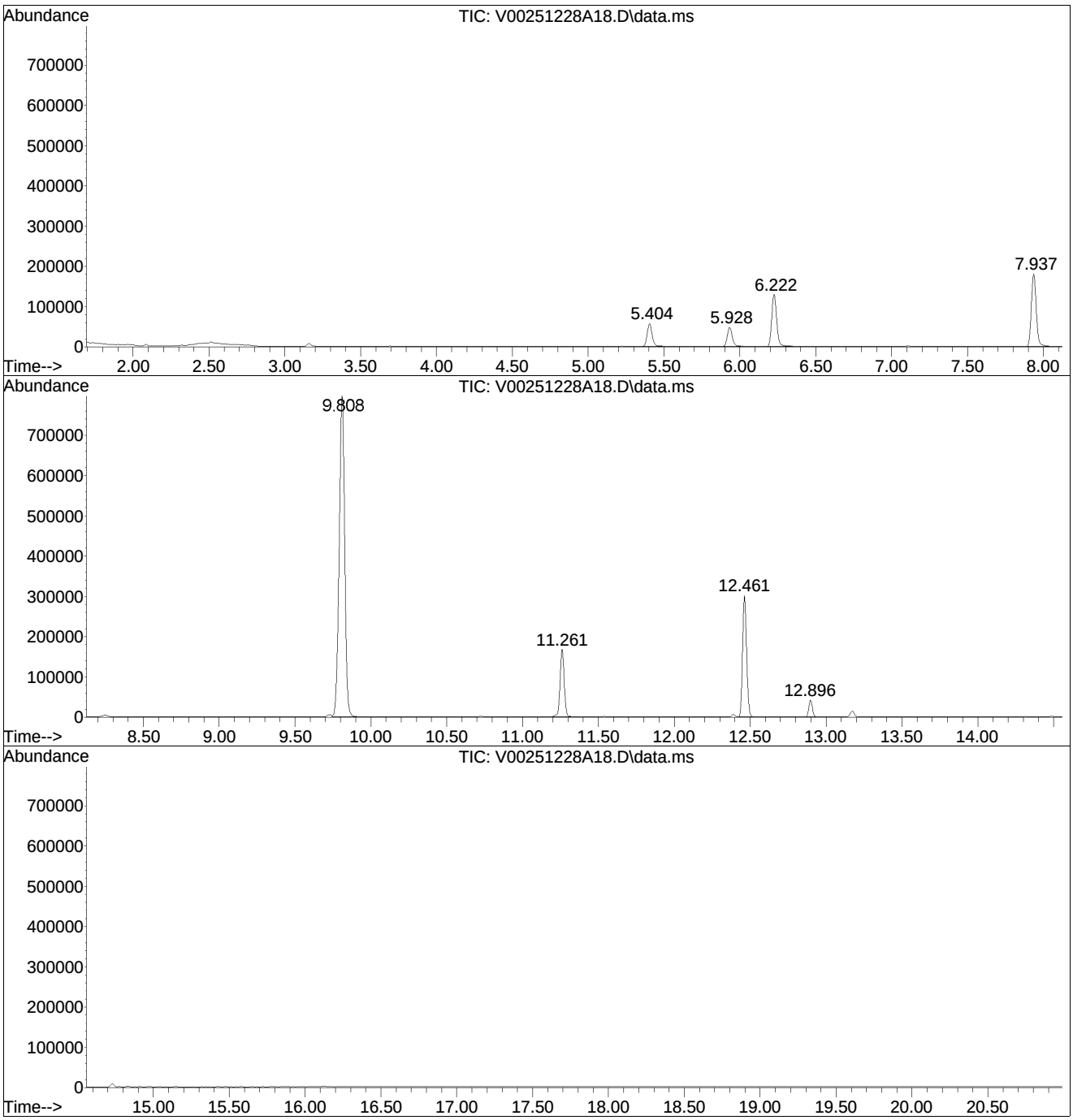
Sum of corrected areas: 3881883

LSC Report - Integrated Chromatogram

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A18.D
Acq On : 28 Dec 2025 11:05 pm
Operator : VOA100:JIC
Sample : L2580856-08,31H,6.63,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 18 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A18.D
Acq On : 28 Dec 2025 11:05 pm
Operator : VOA100:JIC
Sample : L2580856-08,31H,6.63,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 18 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A18.D
Acq On : 28 Dec 2025 11:05 pm
Operator : VOA100:JIC
Sample : L2580856-08,31H,6.63,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 18 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A19.D
Acq On : 28 Dec 2025 11:32 pm
Operator : VOA100:JIC
Sample : L2580856-09,31H,5.40,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 29 06:51:29 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.227	96	139977	20.000 ug/L	0.00
Standard Area 1 = 159908			Recovery = 87.54%		
60) Chlorobenzene-d5	9.793	117	129057	20.000 ug/L	0.00
Standard Area 1 = 142938			Recovery = 90.29%		
80) 1,4-Dichlorobenzene-d4	12.461	152	77636	20.000 ug/L	0.00
Standard Area 1 = 85973			Recovery = 90.30%		
System Monitoring Compounds					
37) Dibromofluoromethane	5.404	113	40710	20.936 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.68%		
44) 1,2-Dichloroethane-d4	5.934	65	40640	21.030 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.15%		
61) Toluene-d8	7.937	98	155680	18.771 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.86%		
84) 4-Bromofluorobenzene	11.261	95	61219	19.786 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.93%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	0.000		0	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	2.368	94	376	0.334 ug/L #	61
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	3.160	76	11727	1.655 ug/L	94
12) Freon-113	0.000		0	N.D.	
15) Methylene chloride	3.695	84	435	0.201 ug/L	78
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
32) Cyclohexane	0.000		0	N.D.	
33) Chloroform	5.231	83	1561	0.407 ug/L #	81
35) Carbon tetrachloride	0.000		0	N.D.	
38) 1,1,1-Trichloroethane	0.000		0	N.D.	

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A19.D
Acq On : 28 Dec 2025 11:32 pm
Operator : VOA100:JIC
Sample : L2580856-09,31H,5.40,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 29 06:51:29 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2-Butanone	0.000		0	N.D. d		
42) Benzene	0.000		0	N.D.		
45) 1,2-Dichloroethane	0.000		0	N.D.		
48) Methyl cyclohexane	0.000		0	N.D.		
49) Trichloroethene	6.301	95	51	N.D.		
52) 1,2-Dichloropropane	0.000		0	N.D.		
55) Bromodichloromethane	0.000		0	N.D.		
59) cis-1,3-Dichloropropene	0.000		0	N.D.		
62) Toluene	7.994	92	52	N.D.		
63) 4-Methyl-2-pentanone	0.000		0	N.D.		
64) Tetrachloroethene	0.000		0	N.D.		
66) trans-1,3-Dichloropropene	0.000		0	N.D.		
69) 1,1,2-Trichloroethane	0.000		0	N.D.		
70) Chlorodibromomethane	0.000		0	N.D.		
72) 1,2-Dibromoethane	0.000		0	N.D.		
73) 2-Hexanone	0.000		0	N.D.		
74) Chlorobenzene	9.814	112	340347	52.151	ug/L #	86
75) Ethylbenzene	9.861	91	147	N.D.		
77) p/m Xylene	0.000		0	N.D.		
78) o Xylene	0.000		0	N.D.		
79) Styrene	0.000		0	N.D.		
81) Bromoform	0.000		0	N.D.		
83) Isopropylbenzene	0.000		0	N.D.		
86) n-Propylbenzene	0.000		0	N.D.		
88) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
91) 1,3,5-Trimethylbenzene	11.643	105	265	N.D.		
95) tert-Butylbenzene	0.000		0	N.D.		
98) 1,2,4-Trimethylbenzene	12.063	105	1159	0.121	ug/L #	81
99) sec-Butylbenzene	12.063	105	1159	N.D.		
100) p-Isopropyltoluene	0.000		0	N.D.		
101) 1,3-Dichlorobenzene	12.388	146	3658	0.616	ug/L	96
102) 1,4-Dichlorobenzene	12.477	146	36071	5.993	ug/L	99
104) n-Butylbenzene	0.000		0	N.D.		
105) 1,2-Dichlorobenzene	12.902	146	20105	3.596	ug/L	98
107) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
110) 1,2,4-Trichlorobenzene	14.312	180	717	0.171	ug/L #	82
111) Naphthalene	14.600	128	1000	0.117	ug/L	100

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

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A19.D
Acq On : 28 Dec 2025 11:32 pm
Operator : VOA100:JIC
Sample : L2580856-09,31H,5.40,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 29 06:51:29 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

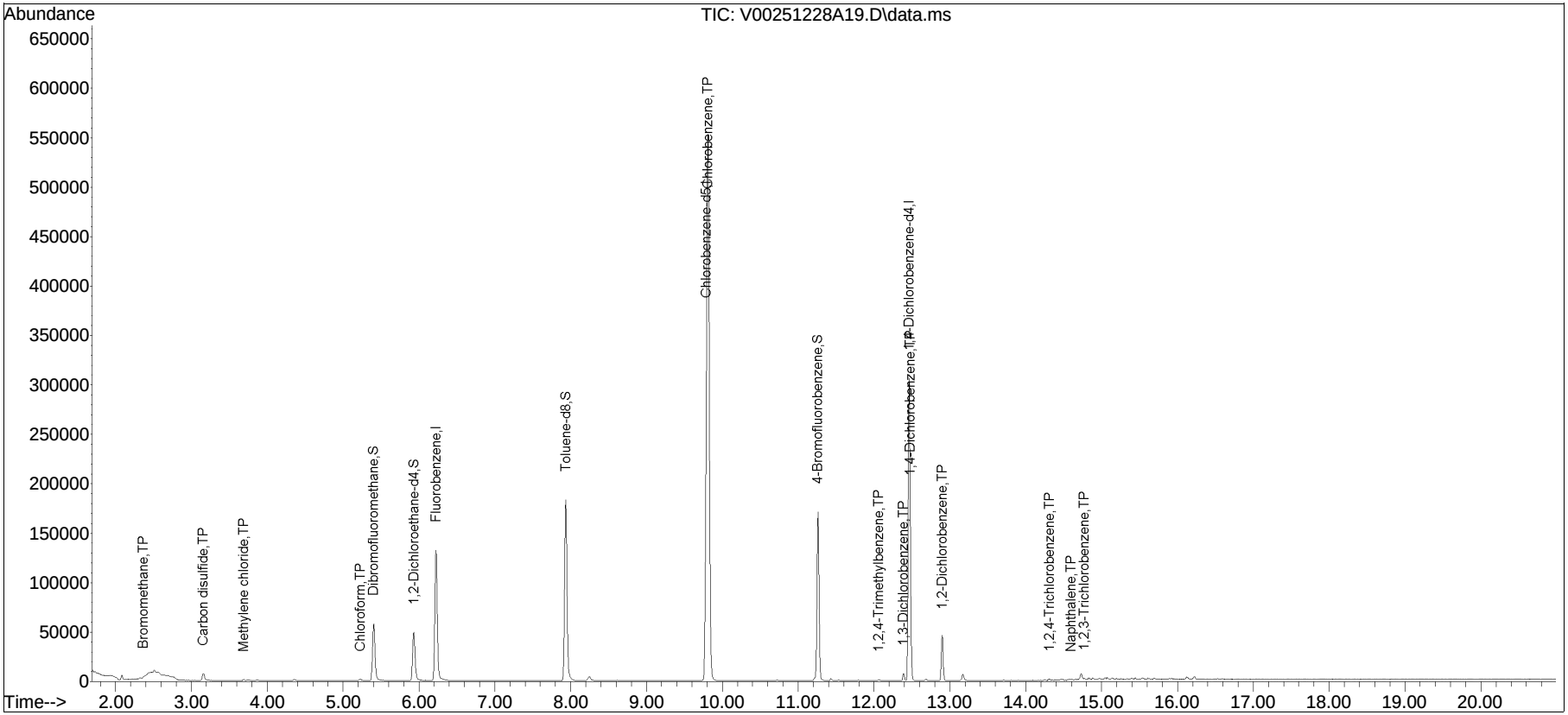
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

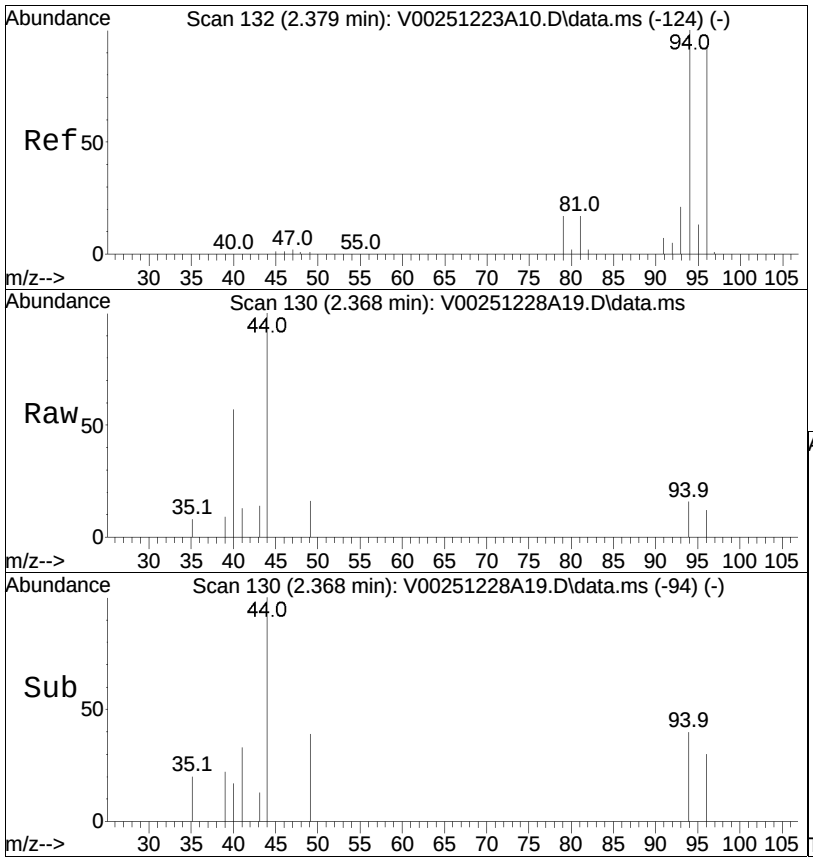
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A19.D
Acq On : 28 Dec 2025 11:32 pm
Operator : VOA100:JIC
Sample : L2580856-09,31H,5.40,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 29 06:51:29 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS1228A01.D•

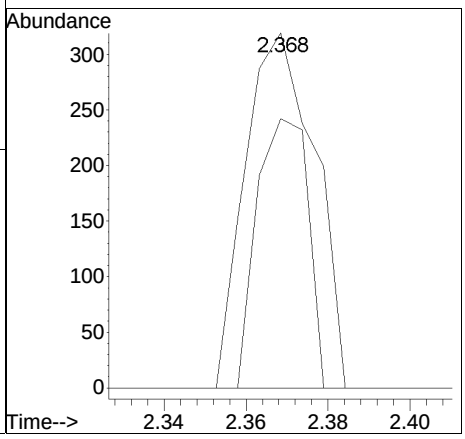


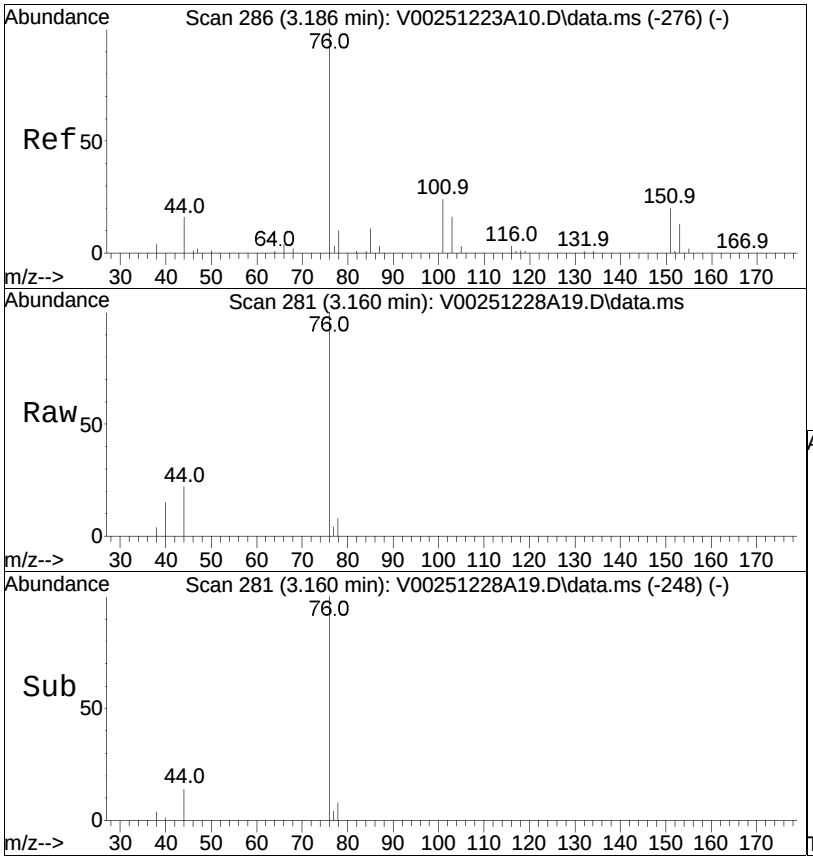


#5
Bromomethane
Concen: 0.33 ug/L
RT: 2.368 min Scan# 130
Delta R.T. -0.010 min
Lab File: V00251228A19.D
Acq: 28 Dec 2025 11:32 pm

Tgt Ion: 94 Resp: 376

Ion	Ratio	Lower	Upper
94	100		
96	55.6	72.4	112.4#

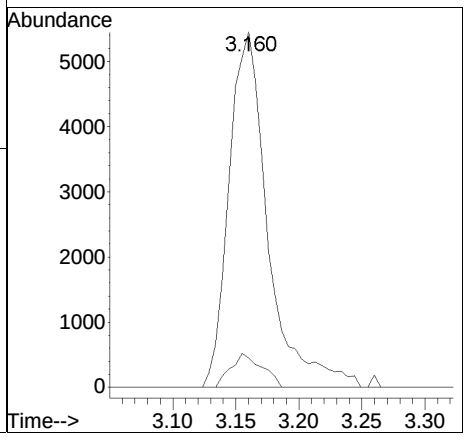


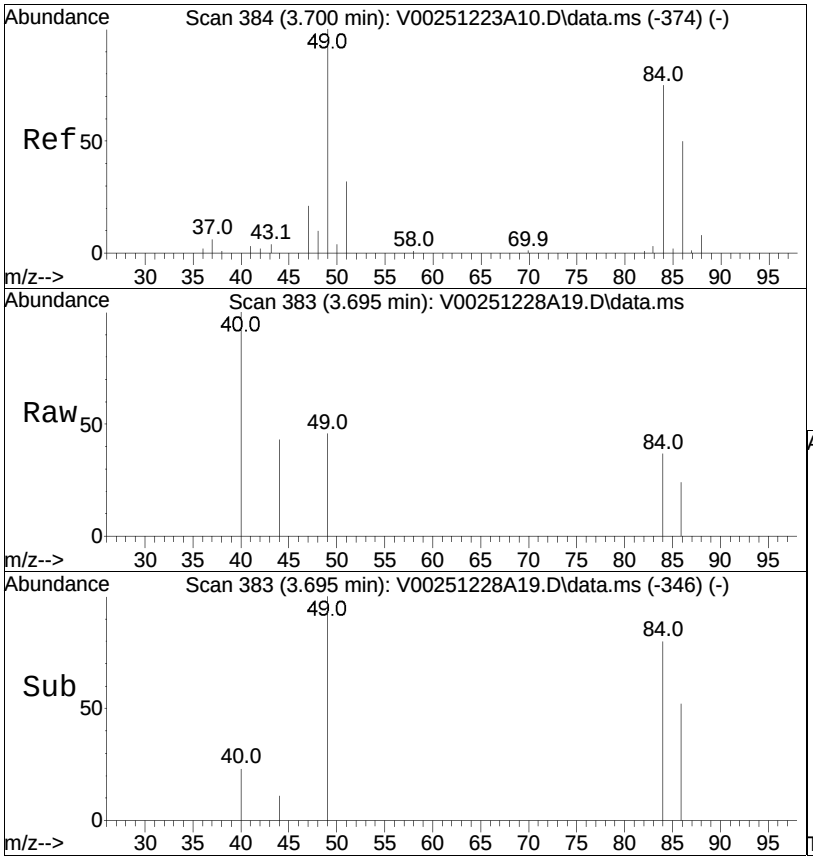


#11
Carbon disulfide
Concen: 1.65 ug/L
RT: 3.160 min Scan# 281
Delta R.T. -0.026 min
Lab File: V00251228A19.D
Acq: 28 Dec 2025 11:32 pm

Tgt Ion: 76 Resp: 11727

Ion	Ratio	Lower	Upper
76	100		
78	7.7	6.4	13.4

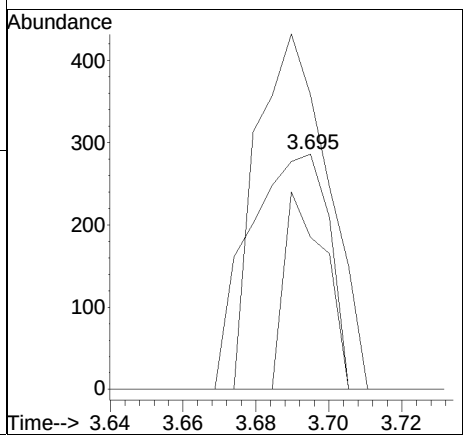


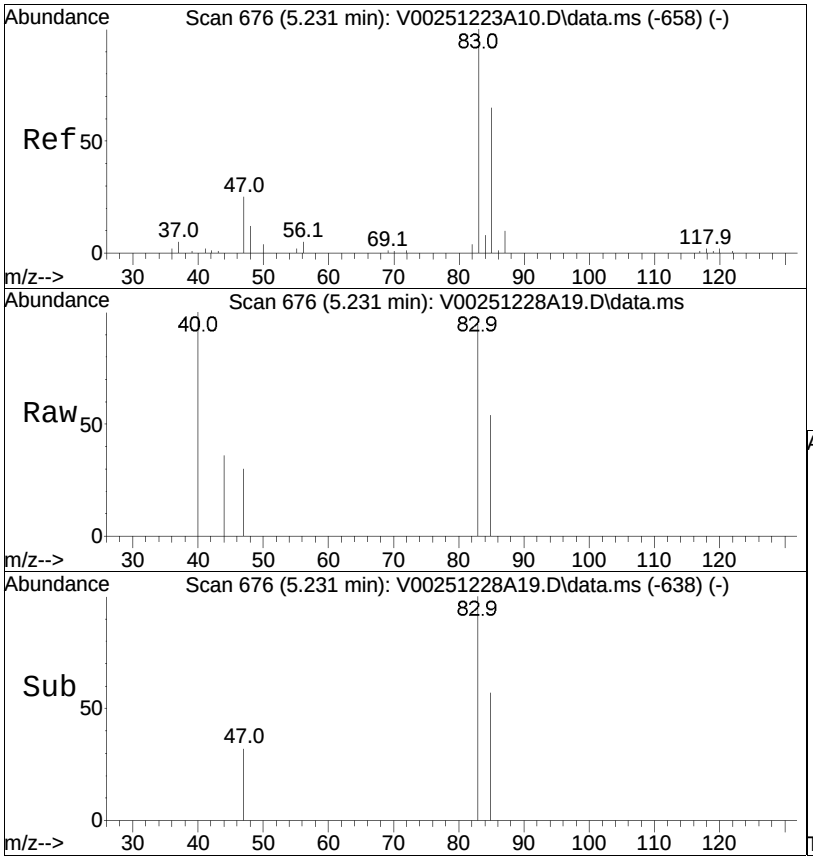


#15
Methylene chloride
Concen: 0.20 ug/L
RT: 3.695 min Scan# 383
Delta R.T. -0.005 min
Lab File: V00251228A19.D
Acq: 28 Dec 2025 11:32 pm

Tgt Ion: 84 Resp: 435

Ion	Ratio	Lower	Upper
84	100		
86	42.8	39.6	82.2
49	134.3	72.7	150.9

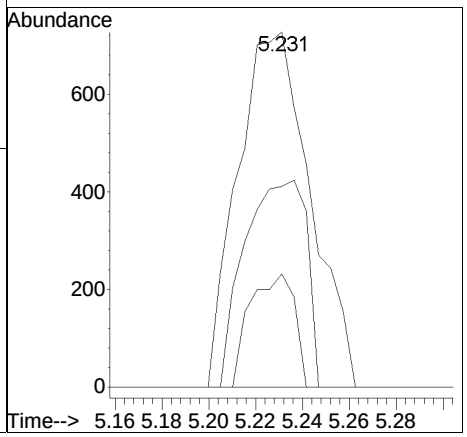


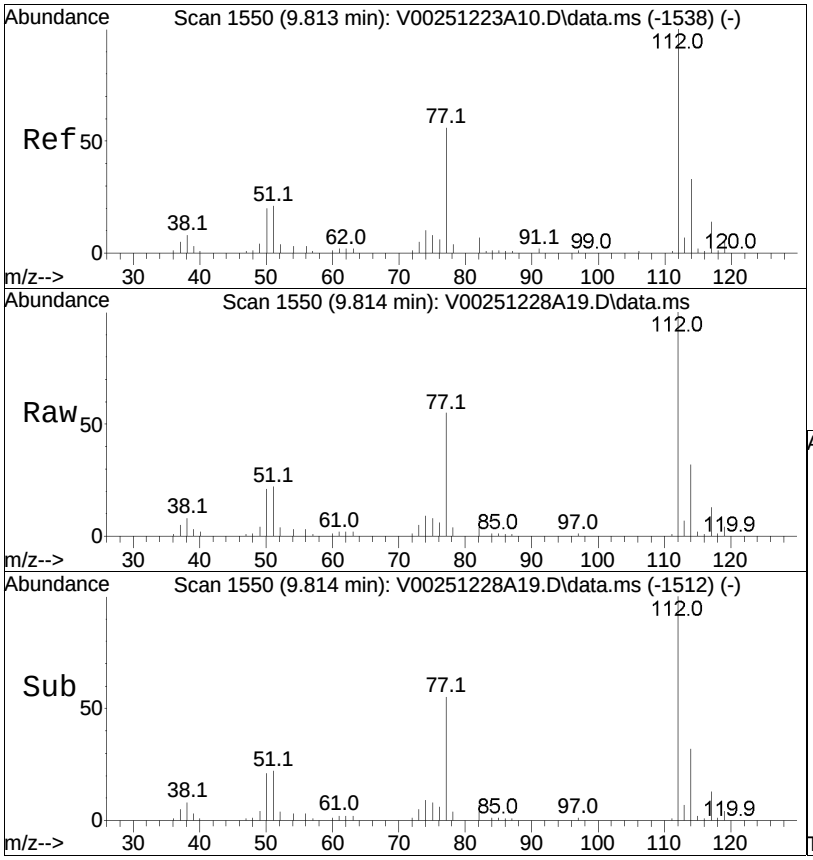


#33
Chloroform
Concen: 0.41 ug/L
RT: 5.231 min Scan# 676
Delta R.T. 0.000 min
Lab File: V00251228A19.D
Acq: 28 Dec 2025 11:32 pm

Tgt Ion: 83 Resp: 1561

Ion	Ratio	Lower	Upper
83	100		
85	49.8	43.3	89.9
47	19.6	14.4	29.8
48	0.0	7.5	15.7#

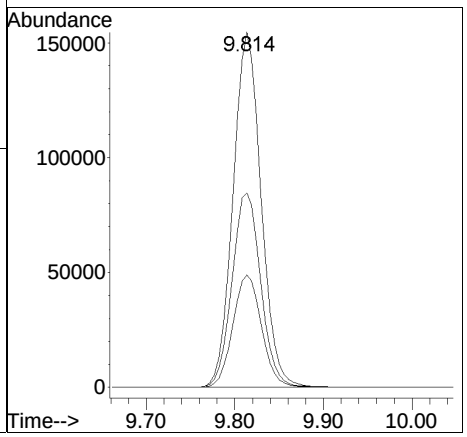


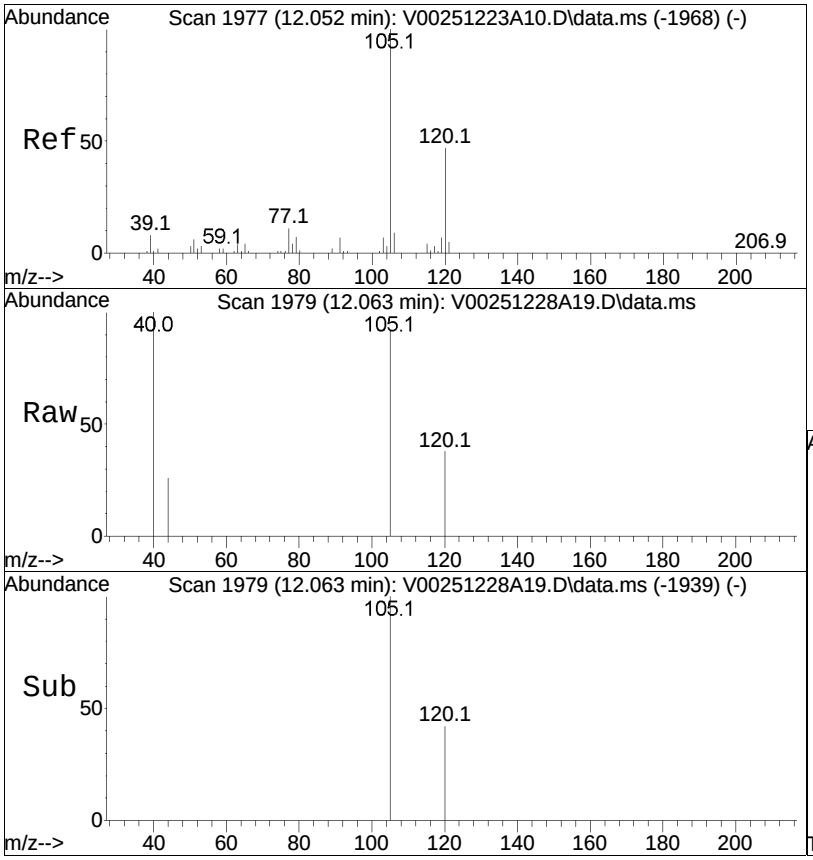


#74
Chlorobenzene
Concen: 52.15 ug/L
RT: 9.814 min Scan# 1550
Delta R.T. 0.000 min
Lab File: V00251228A19.D
Acq: 28 Dec 2025 11:32 pm

Tgt Ion:112 Resp: 340347

Ion	Ratio	Lower	Upper
112	100		
77	56.2	57.9	86.9#
114	32.4	25.7	38.5

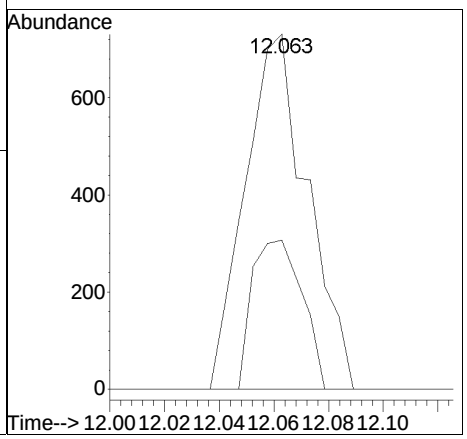


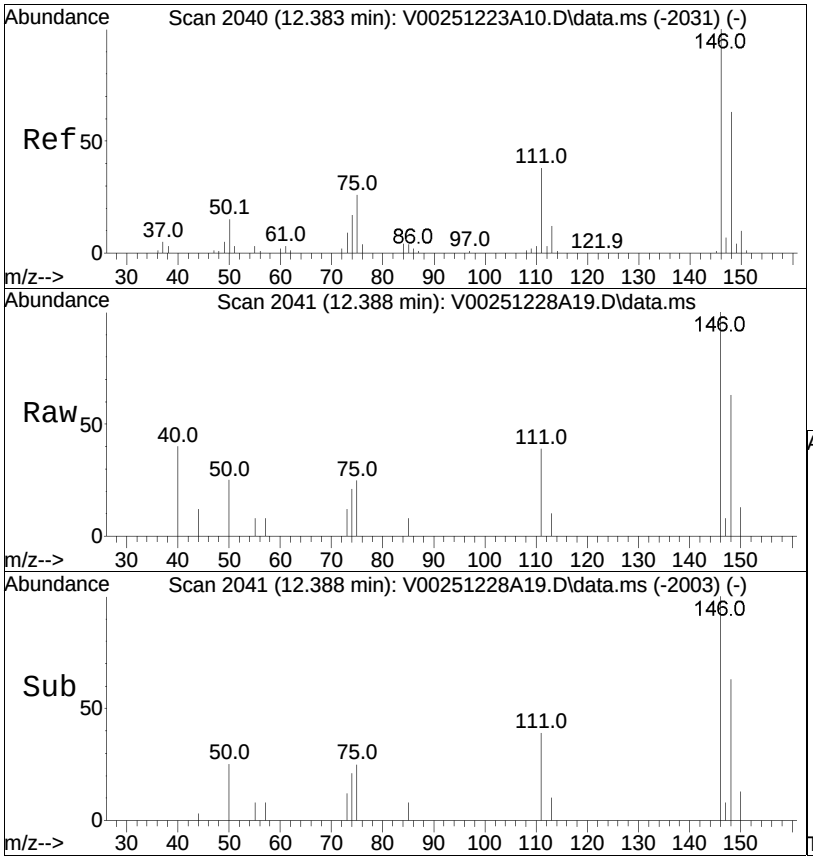


#98
1,2,4-Trimethylbenzene
Concen: 0.12 ug/L
RT: 12.063 min Scan# 1979
Delta R.T. 0.011 min
Lab File: V00251228A19.D
Acq: 28 Dec 2025 11:32 pm

Tgt Ion:105 Resp: 1159

Ion	Ratio	Lower	Upper
105	100		
120	33.7	37.1	55.7#

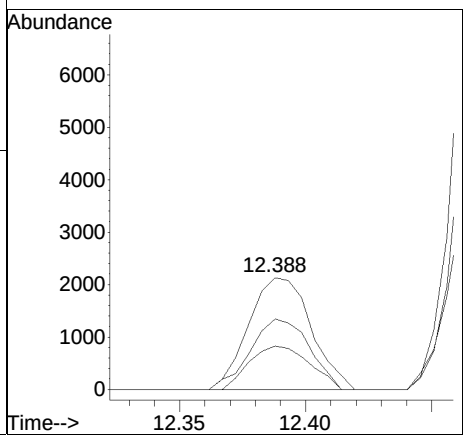


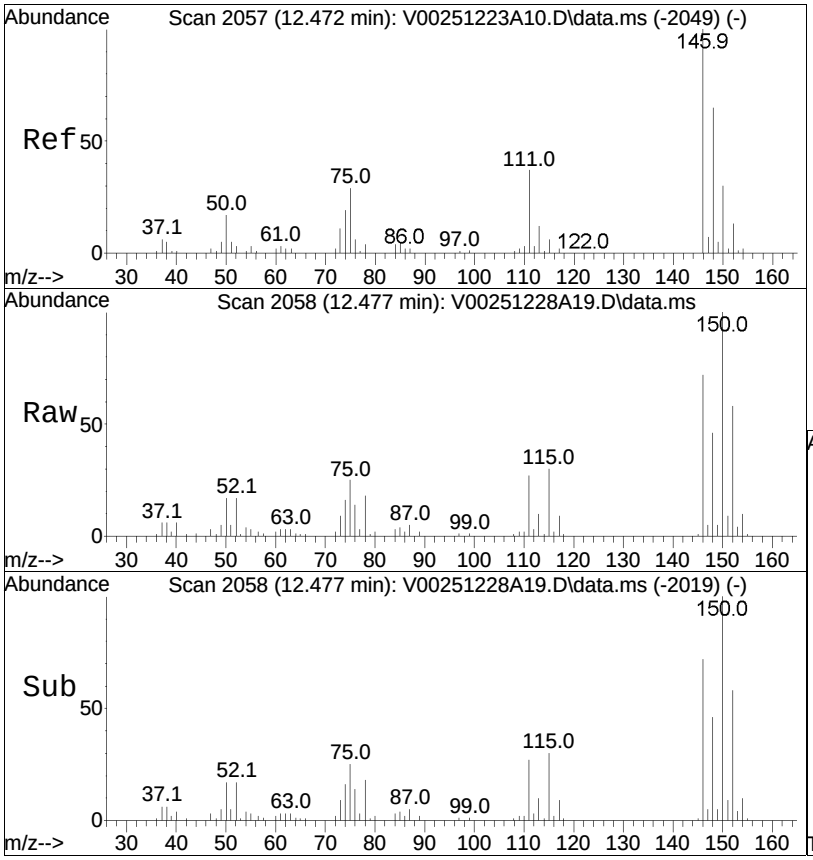


#101
1,3-Dichlorobenzene
Concen: 0.62 ug/L
RT: 12.388 min Scan# 2041
Delta R.T. 0.000 min
Lab File: V00251228A19.D
Acq: 28 Dec 2025 11:32 pm

Tgt Ion:146 Resp: 3658

Ion	Ratio	Lower	Upper
146	100		
111	37.5	26.1	54.1
148	59.6	40.8	84.8

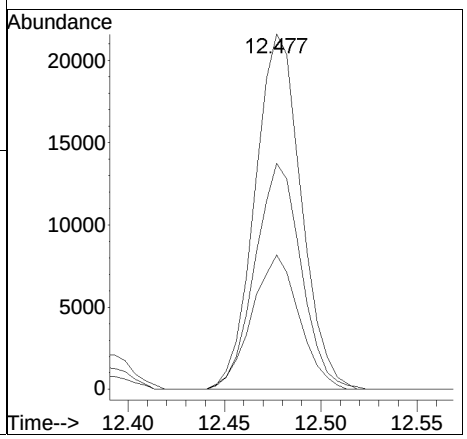


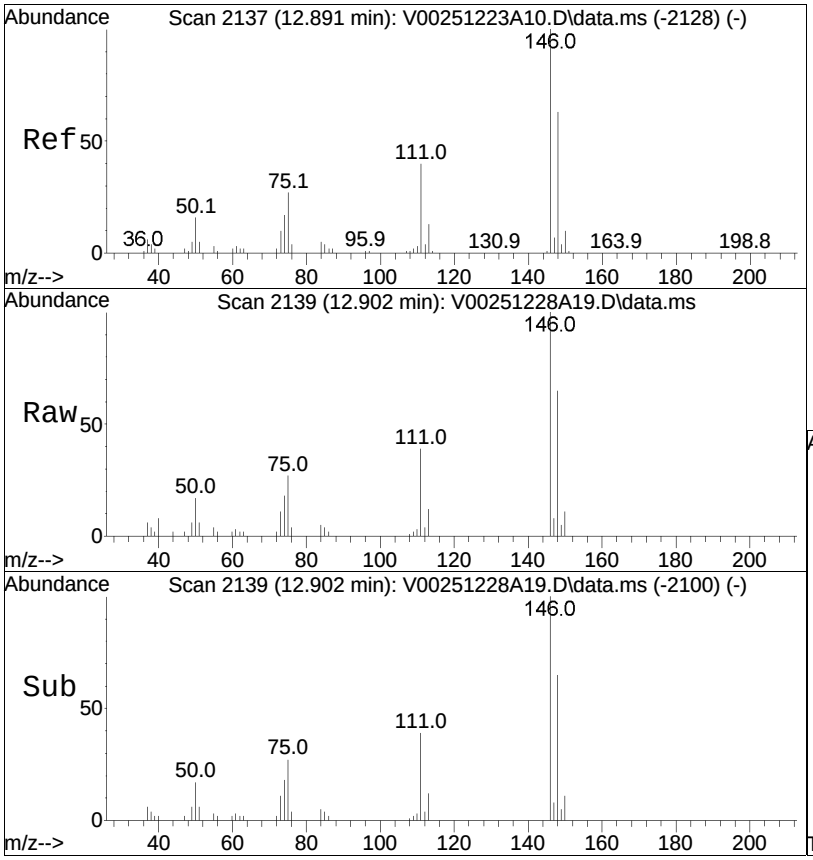


#102
1,4-Dichlorobenzene
Concen: 5.99 ug/L
RT: 12.477 min Scan# 2058
Delta R.T. 0.005 min
Lab File: V00251228A19.D
Acq: 28 Dec 2025 11:32 pm

Tgt Ion:146 Resp: 36071

Ion	Ratio	Lower	Upper
146	100		
111	38.8	32.1	48.1
148	63.4	50.6	75.8

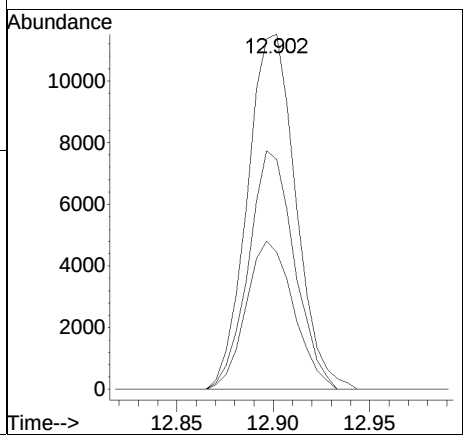


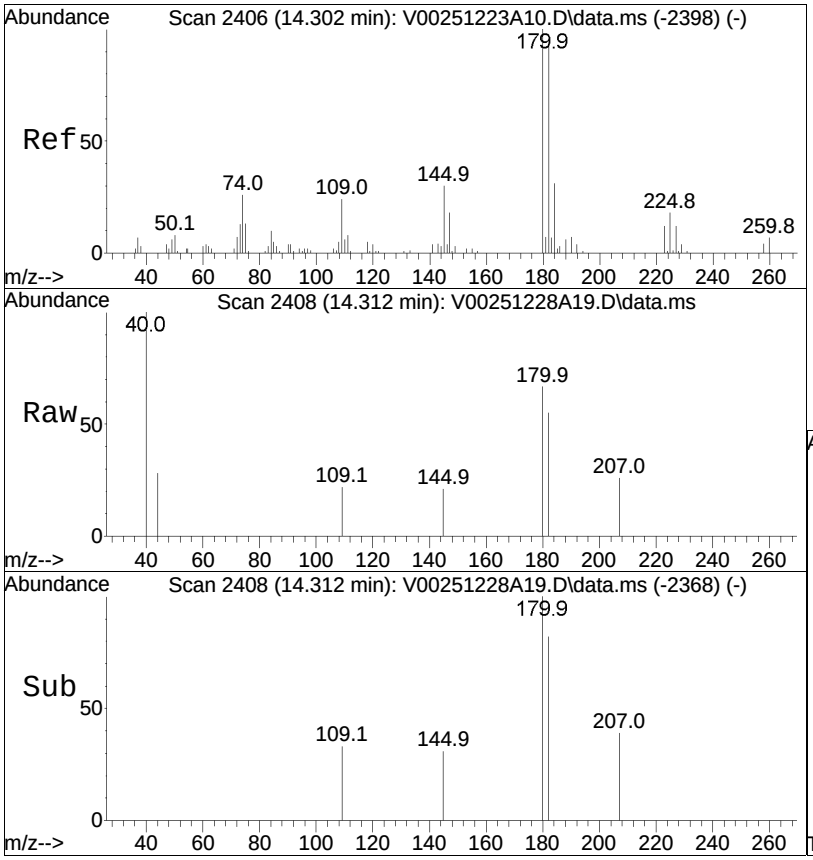


#105
1,2-Dichlorobenzene
Concen: 3.60 ug/L
RT: 12.902 min Scan# 2139
Delta R.T. 0.005 min
Lab File: V00251228A19.D
Acq: 28 Dec 2025 11:32 pm

Tgt Ion:146 Resp: 20105

Ion	Ratio	Lower	Upper
146	100		
111	41.0	26.9	55.9
148	63.7	40.3	83.7

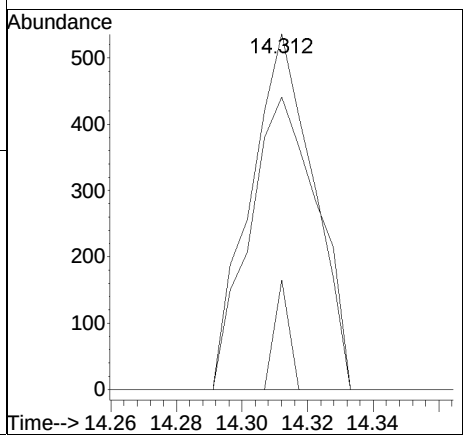


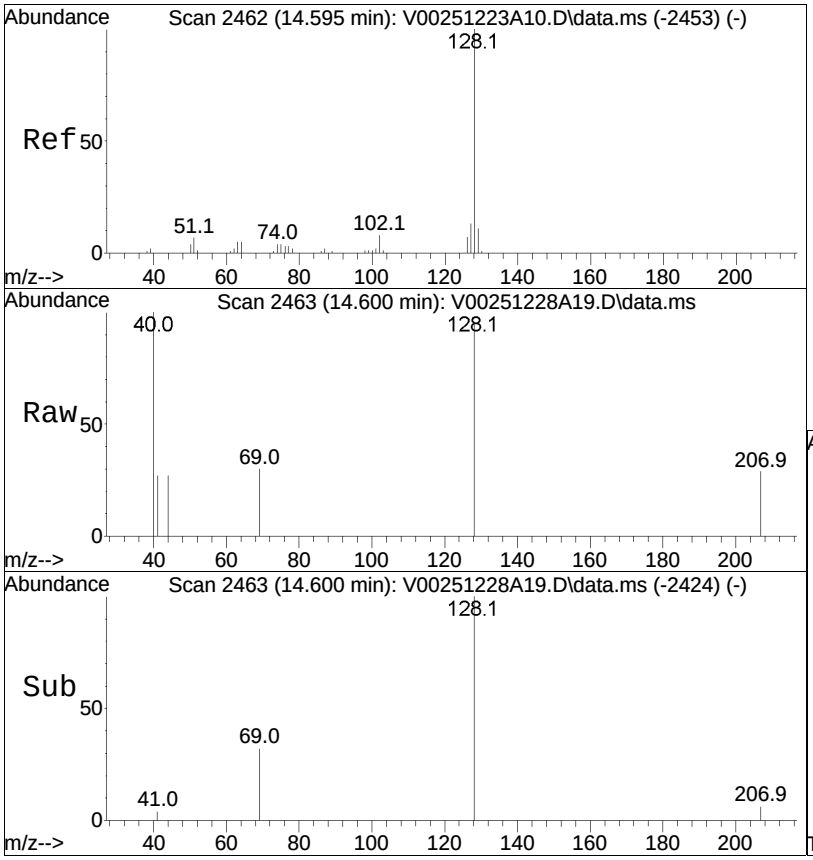


#110
1,2,4-Trichlorobenzene
Concen: 0.17 ug/L
RT: 14.312 min Scan# 2408
Delta R.T. 0.011 min
Lab File: V00251228A19.D
Acq: 28 Dec 2025 11:32 pm

Tgt Ion:180 Resp: 717

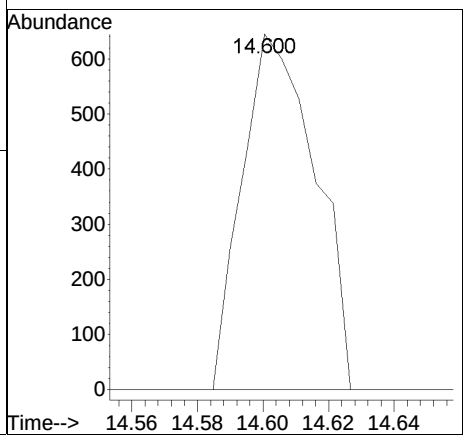
Ion	Ratio	Lower	Upper
180	100		
182	89.5	75.8	113.6
145	7.3	29.2	43.8#





#111
Naphthalene
Concen: 0.12 ug/L
RT: 14.600 min Scan# 2463
Delta R.T. 0.005 min
Lab File: V00251228A19.D
Acq: 28 Dec 2025 11:32 pm

Tgt Ion:128 Resp: 1000



Manual Integration Report

Data Path	: K:\VOA100\2025\251228A\	QMethod	: V100_251223A_8260.m
Data File	: V00251228A19.D	Operator	: VOA100:JIC
Date Inj'd	: 12/28/2025 11:32 pm	Instrument	: VOA100
Sample	: L2580856-09,31H,5.40,5,0.1	Quant Date	: 12/29/2025 6:17 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A19.D
Acq On : 28 Dec 2025 11:32 pm
Operator : VOA100:JIC
Sample : L2580856-09,31H,5.40,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 19 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V00251228A19.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.404	700	709	731	rBV	57582	134059	9.10%	3.924%
2	5.934	801	810	835	rBV	48733	112928	7.66%	3.305%
3	6.227	854	866	897	rBV	132189	300945	20.42%	8.809%
4	7.937	1181	1192	1217	rVB	182957	408708	27.73%	11.963%
5	9.808	1531	1549	1576	rVB2	552323	1473793	100.00%	43.139%
6	11.261	1812	1826	1842	rVB	170656	317293	21.53%	9.287%
7	12.461	2047	2055	2072	rBV2	305601	591660	40.15%	17.318%
8	12.896	2129	2138	2150	rBV	45853	77001	5.22%	2.254%

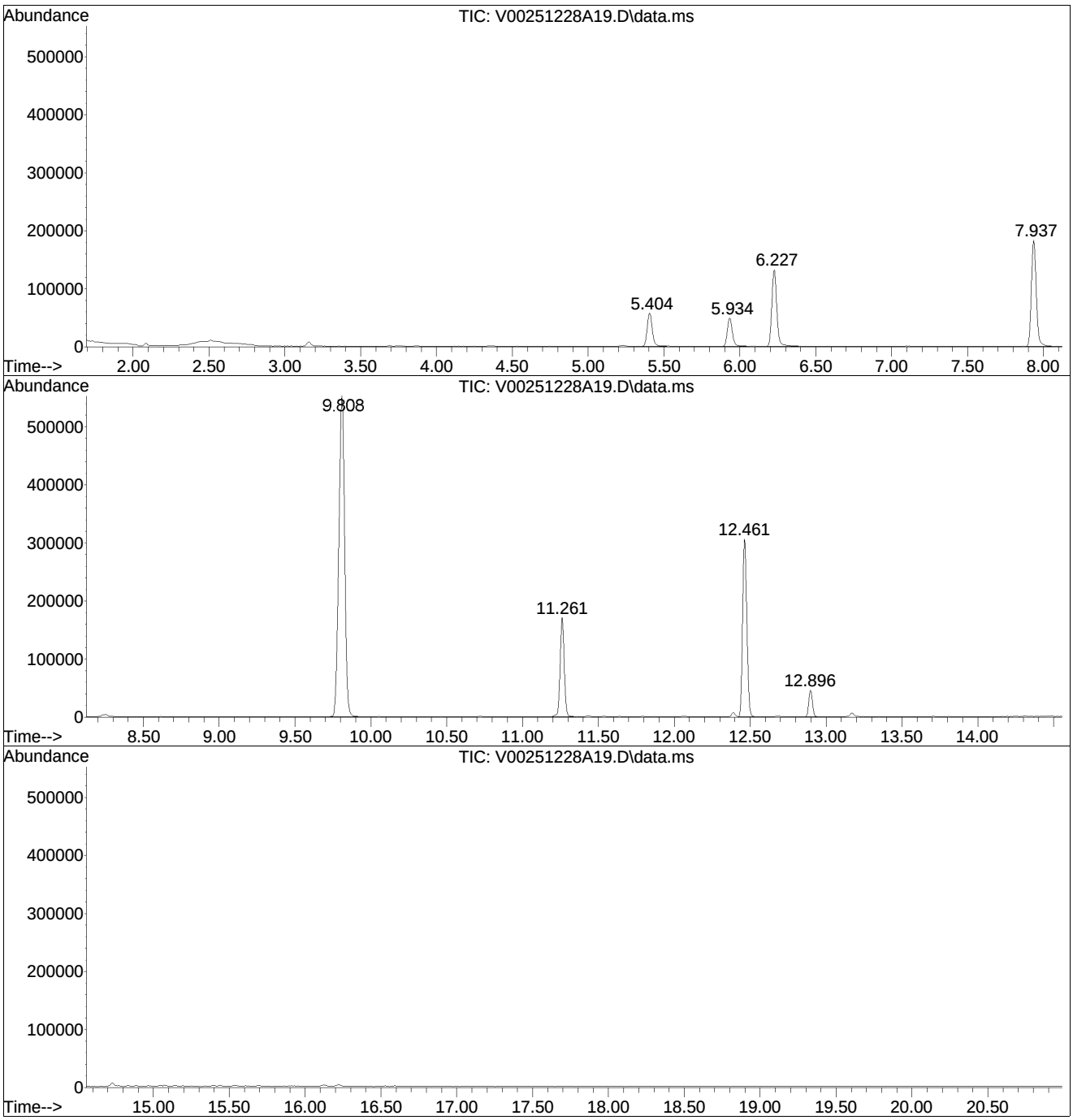
Sum of corrected areas: 3416387

LSC Report - Integrated Chromatogram

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A19.D
Acq On : 28 Dec 2025 11:32 pm
Operator : VOA100:JIC
Sample : L2580856-09,31H,5.40,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 19 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A19.D
Acq On : 28 Dec 2025 11:32 pm
Operator : VOA100:JIC
Sample : L2580856-09,31H,5.40,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 19 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A19.D
Acq On : 28 Dec 2025 11:32 pm
Operator : VOA100:JIC
Sample : L2580856-09,31H,5.40,5,0.100,,X
Misc : WG2159678,ICAL22914
ALS Vial : 19 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A20.D
Acq On : 28 Dec 2025 11:58 pm
Operator : VOA100:JIC
Sample : L2580856-11D,31H,6.32,5,0.02,,X
Misc : WG2159678,ICAL22914
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 29 06:17:30 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CB - CB

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.233	96	145126	20.000	ug/L	0.00
Standard Area 1 = 159908			Recovery = 90.76%			
60) Chlorobenzene-d5	9.793	117	135833	20.000	ug/L	0.00
Standard Area 1 = 142938			Recovery = 95.03%			
80) 1,4-Dichlorobenzene-d4	12.461	152	81543	20.000	ug/L	0.00
Standard Area 1 = 85973			Recovery = 94.85%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	41238	20.455	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.27%			
44) 1,2-Dichloroethane-d4	5.934	65	41684	20.805	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.02%			
61) Toluene-d8	7.936	98	162441	18.610	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.05%			
84) 4-Bromofluorobenzene	11.261	95	63725	19.609	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.05%			
Target Compounds						Qvalue
74) Chlorobenzene	9.814	112	1546589	225.162	ug/L	# 87

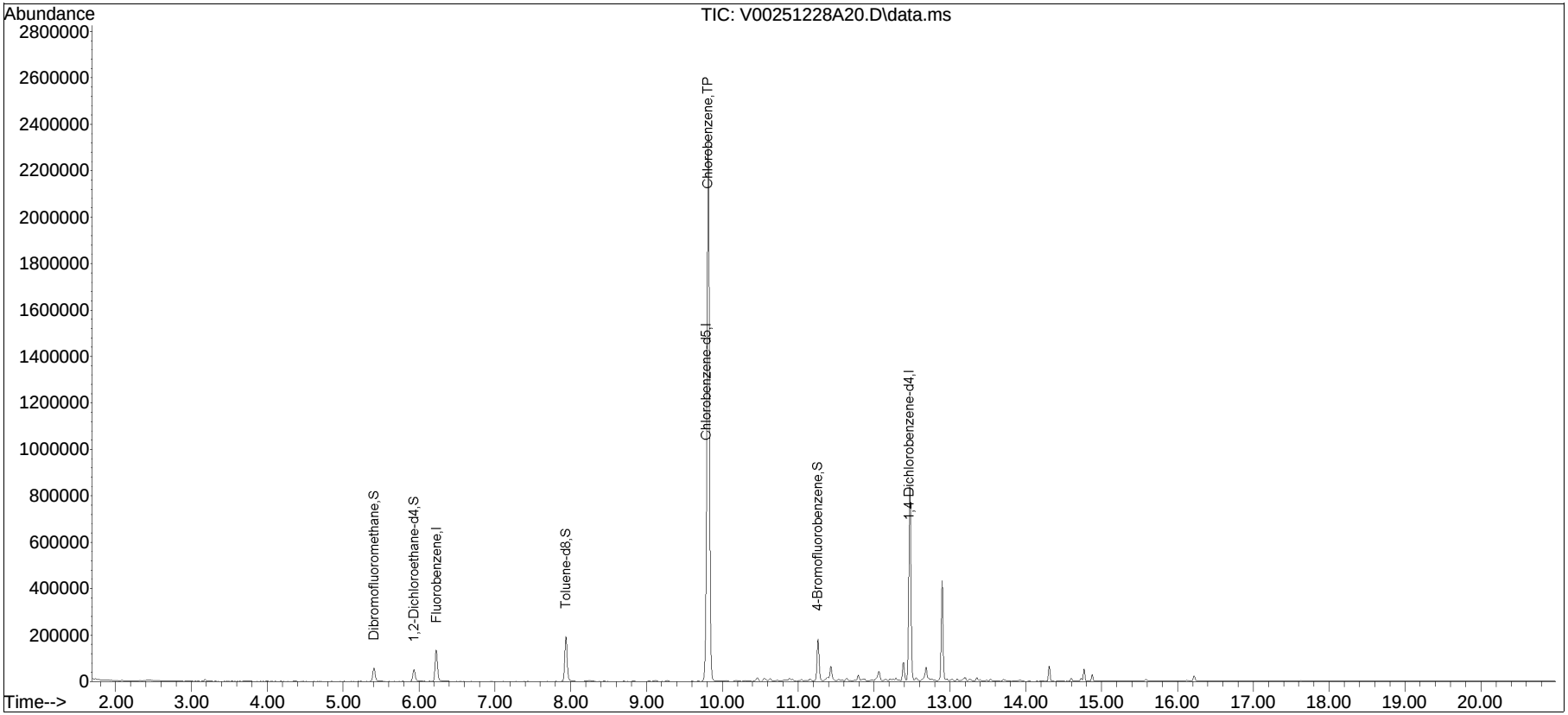
(#) = qualifier out of range (m) = manual integration (+) = signals summed

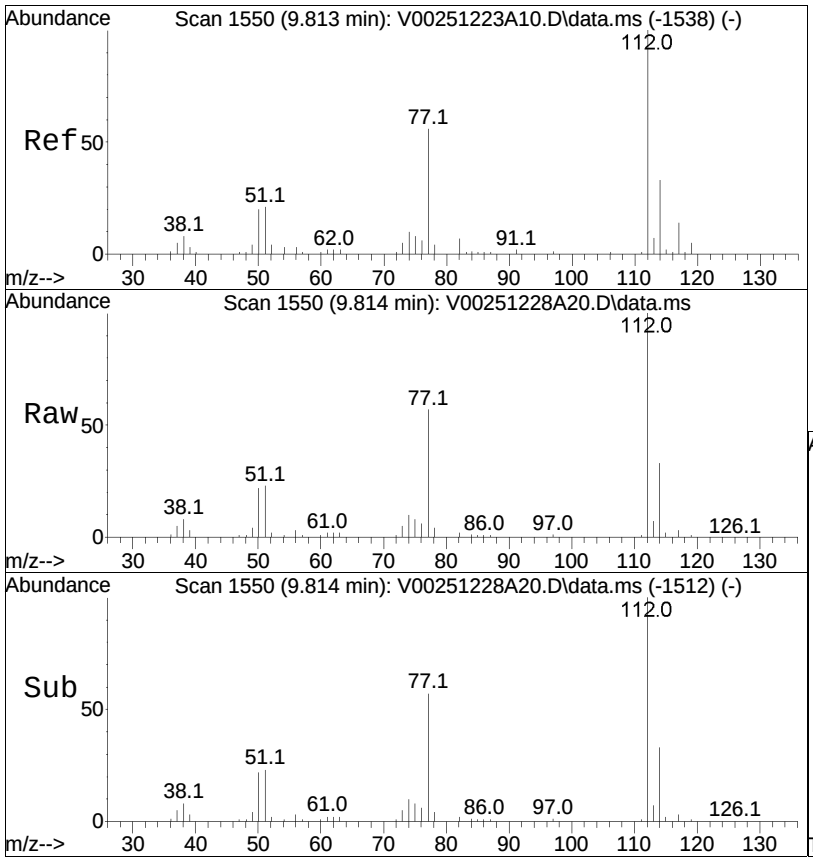
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A20.D
Acq On : 28 Dec 2025 11:58 pm
Operator : VOA100:JIC
Sample : L2580856-11D,31H,6.32,5,0.02,,X
Misc : WG2159678,ICAL22914
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 29 06:17:30 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-CB - CB0\2025\251228A\V00251228A01.D•

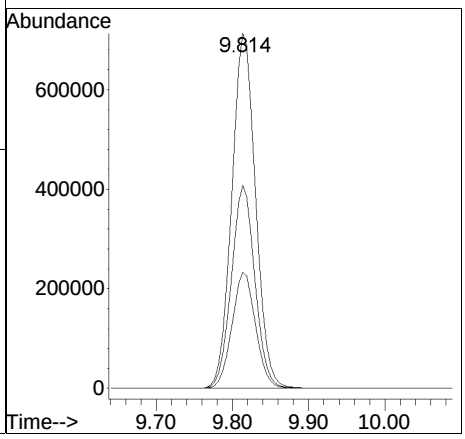




#74
Chlorobenzene
Concen: 225.16 ug/L
RT: 9.814 min Scan# 1550
Delta R.T. 0.000 min
Lab File: V00251228A20.D
Acq: 28 Dec 2025 11:58 pm

Tgt Ion:112 Resp: 1546589

Ion	Ratio	Lower	Upper
112	100		
77	56.5	57.9	86.9#
114	32.5	25.7	38.5



Manual Integration Report

Data Path	: K:\VOA100\2025\251228A\	QMethod	: V100_251223A_8260.m
Data File	: V00251228A20.D	Operator	: VOA100:JIC
Date Inj'd	: 12/28/2025 11:58 pm	Instrument	: VOA100
Sample	: L2580856-11D,31H,6.32,5,0.	Quant Date	: 12/29/2025 6:17 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A22.D
Acq On : 29 Dec 2025 12:49 am
Operator : VOA100:JIC
Sample : L2580856-12D,31H,6.14,5,0.02,,X
Misc : WG2159678,ICAL22914
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 29 06:52:59 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	142926	20.000	ug/L	0.00
Standard Area 1 = 159908			Recovery = 89.38%			
60) Chlorobenzene-d5	9.793	117	136748	20.000	ug/L	0.00
Standard Area 1 = 142938			Recovery = 95.67%			
80) 1,4-Dichlorobenzene-d4	12.461	152	80010	20.000	ug/L	0.00
Standard Area 1 = 85973			Recovery = 93.06%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.404	113	40963	20.631	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.16%			
44) 1,2-Dichloroethane-d4	5.934	65	40607	20.579	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.90%			
61) Toluene-d8	7.937	98	161566	18.385	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 91.93%			
84) 4-Bromofluorobenzene	11.261	95	62521	19.608	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.04%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.374	94	62	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.181	76	11794	1.630	ug/L	96
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.695	84	321	0.145	ug/L #	37
17) Acetone	0.000		0	N.D. d		
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Cyclohexane	0.000		0	N.D.		
33) Chloroform	5.231	83	508	0.130	ug/L #	57
35) Carbon tetrachloride	0.000		0	N.D.		
38) 1,1,1-Trichloroethane	0.000		0	N.D.		

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A22.D
Acq On : 29 Dec 2025 12:49 am
Operator : VOA100:JIC
Sample : L2580856-12D,31H,6.14,5,0.02,,X
Misc : WG2159678,ICAL22914
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 29 06:52:59 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2-Butanone	0.000		0	N.D. d		
42) Benzene	5.813	78	201	N.D.		
45) 1,2-Dichloroethane	0.000		0	N.D.		
48) Methyl cyclohexane	0.000		0	N.D.		
49) Trichloroethene	6.311	95	110	N.D.		
52) 1,2-Dichloropropane	0.000		0	N.D.		
55) Bromodichloromethane	0.000		0	N.D.		
59) cis-1,3-Dichloropropene	0.000		0	N.D.		
62) Toluene	8.000	92	1782	0.294	ug/L	98
63) 4-Methyl-2-pentanone	0.000		0	N.D.		
64) Tetrachloroethene	8.461	166	121	N.D.		
66) trans-1,3-Dichloropropene	0.000		0	N.D.		
69) 1,1,2-Trichloroethane	0.000		0	N.D. d		
70) Chlorodibromomethane	0.000		0	N.D.		
72) 1,2-Dibromoethane	0.000		0	N.D.		
73) 2-Hexanone	0.000		0	N.D. d		
74) Chlorobenzene	9.814	112	2133436	308.520	ug/L #	87
75) Ethylbenzene	9.861	91	2932	0.256	ug/L	99
77) p/m Xylene	10.050	106	1443	0.322	ug/L	96
78) o Xylene	10.579	106	713	0.161	ug/L	91
79) Styrene	0.000		0	N.D.		
81) Bromoform	0.000		0	N.D.		
83) Isopropylbenzene	10.951	105	482	N.D.		
86) n-Propylbenzene	11.423	91	1835	0.137	ug/L #	89
88) 1,1,2,2-Tetrachloroethane	0.000		0	N.D. d		
91) 1,3,5-Trimethylbenzene	11.638	105	3937	0.396	ug/L	98
95) tert-Butylbenzene	0.000		0	N.D. d		
98) 1,2,4-Trimethylbenzene	12.058	105	13286	1.350	ug/L	99
99) sec-Butylbenzene	12.173	105	2217	0.173	ug/L	94
100) p-Isopropyltoluene	12.325	119	1970	0.178	ug/L	94
101) 1,3-Dichlorobenzene	12.388	146	76134	12.450	ug/L	99
102) 1,4-Dichlorobenzene	12.477	146	619462	99.867	ug/L	98
104) n-Butylbenzene	12.755	91	2341	0.237	ug/L #	82
105) 1,2-Dichlorobenzene	12.897	146	431804	74.945	ug/L	98
107) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
110) 1,2,4-Trichlorobenzene	14.307	180	31713	7.325	ug/L #	95
111) Naphthalene	14.601	128	8339	0.950	ug/L	100

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

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A22.D
Acq On : 29 Dec 2025 12:49 am
Operator : VOA100:JIC
Sample : L2580856-12D,31H,6.14,5,0.02,,X
Misc : WG2159678,ICAL22914
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 29 06:52:59 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

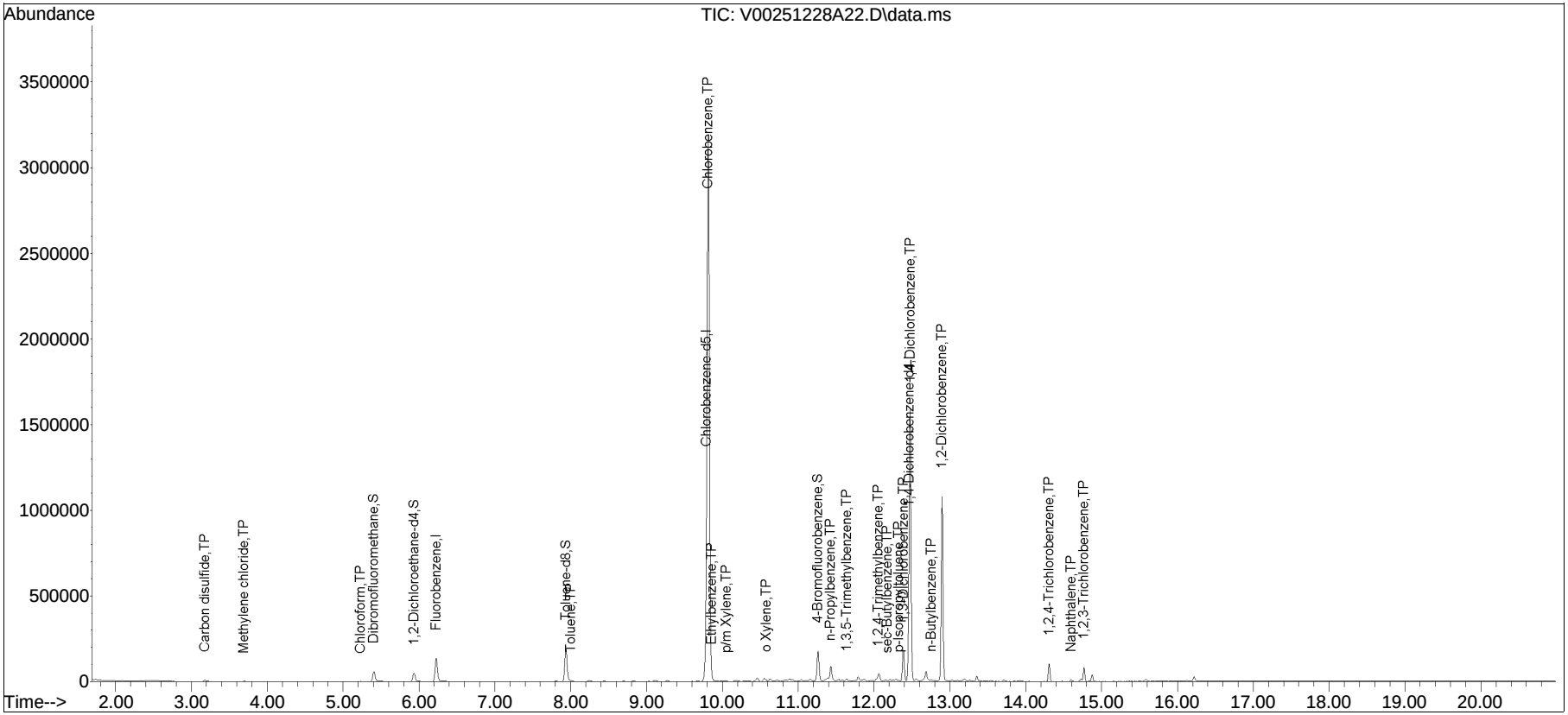
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

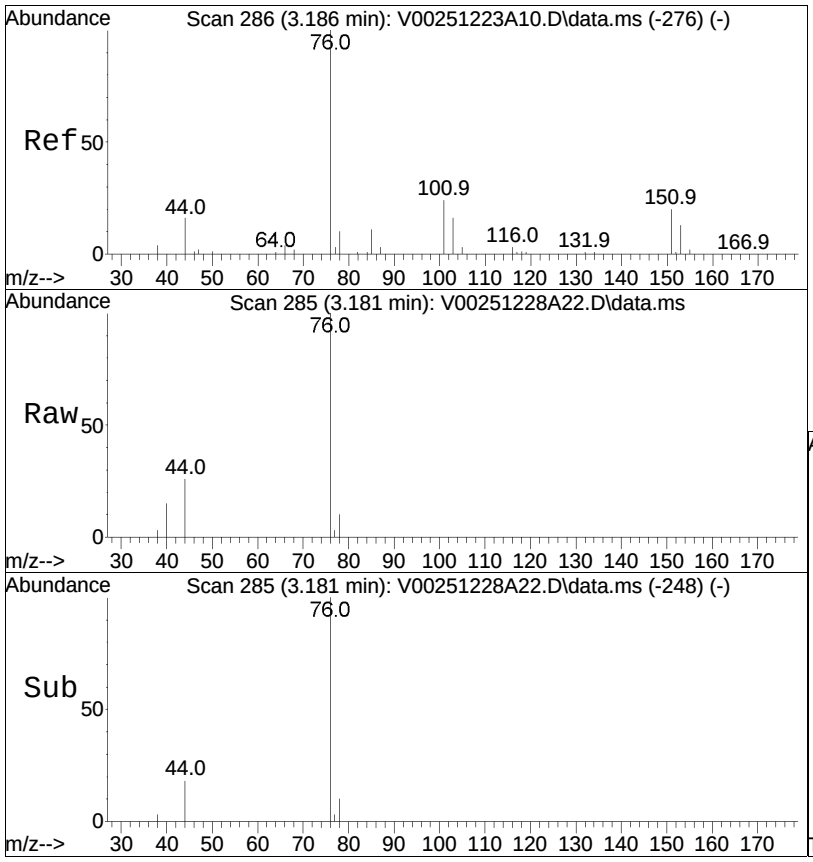
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A22.D
Acq On : 29 Dec 2025 12:49 am
Operator : VOA100:JIC
Sample : L2580856-12D,31H,6.14,5,0.02,,X
Misc : WG2159678,ICAL22914
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 29 06:52:59 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS1228A01.D•

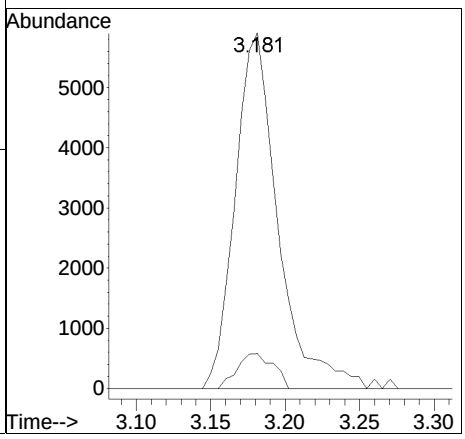


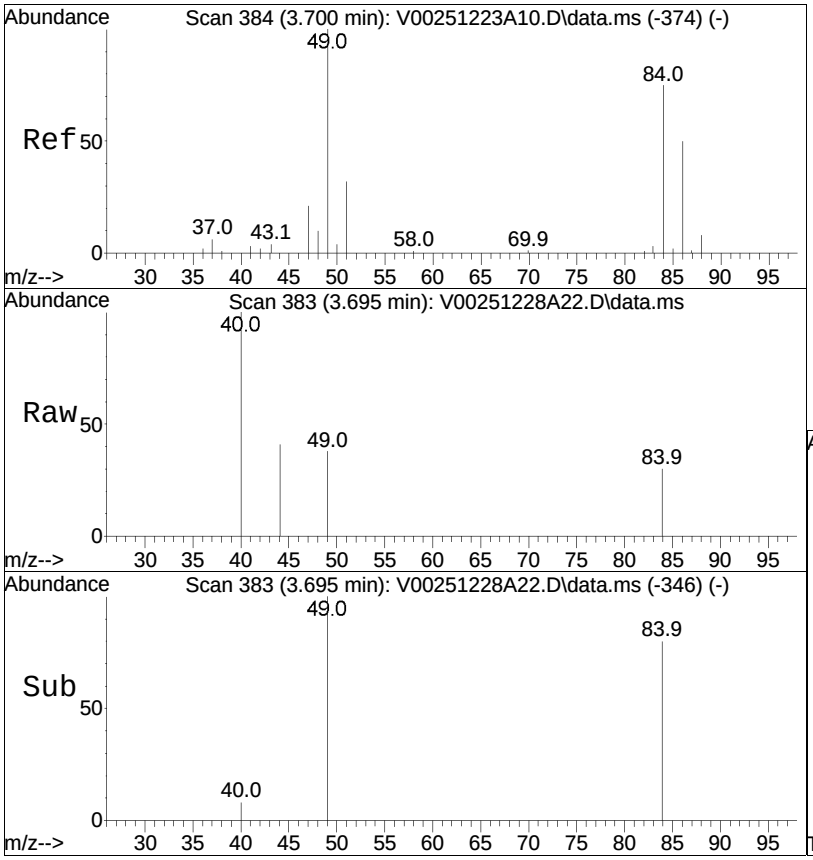


#11
Carbon disulfide
Concen: 1.63 ug/L
RT: 3.181 min Scan# 285
Delta R.T. -0.005 min
Lab File: V00251228A22.D
Acq: 29 Dec 2025 12:49 am

Tgt Ion: 76 Resp: 11794

Ion	Ratio	Lower	Upper
76	100		
78	8.3	6.4	13.4

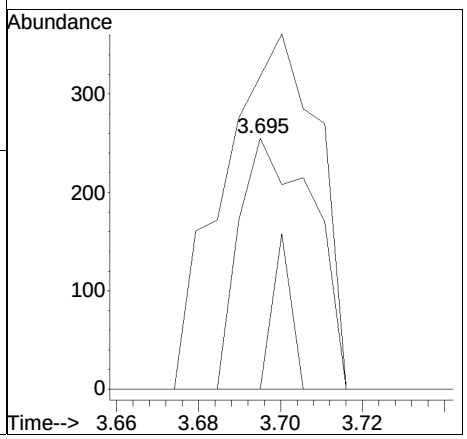


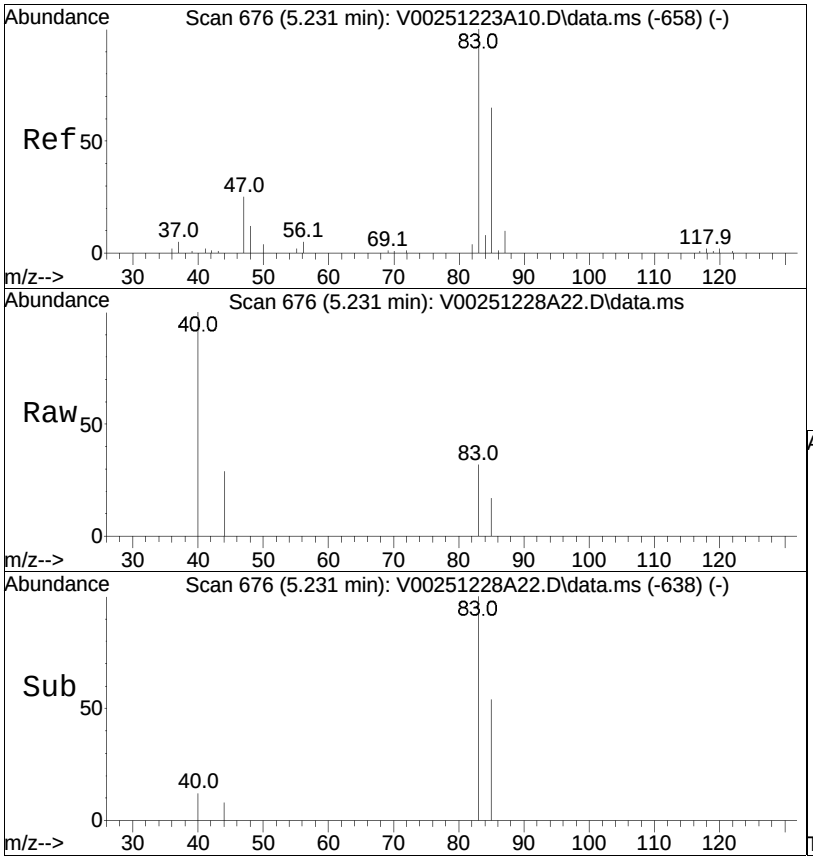


#15
Methylene chloride
Concen: 0.15 ug/L
RT: 3.695 min Scan# 383
Delta R.T. -0.005 min
Lab File: V00251228A22.D
Acq: 29 Dec 2025 12:49 am

Tgt Ion: 84 Resp: 321

Ion	Ratio	Lower	Upper
84	100		
86	15.6	39.6	82.2#
49	180.7	72.7	150.9#

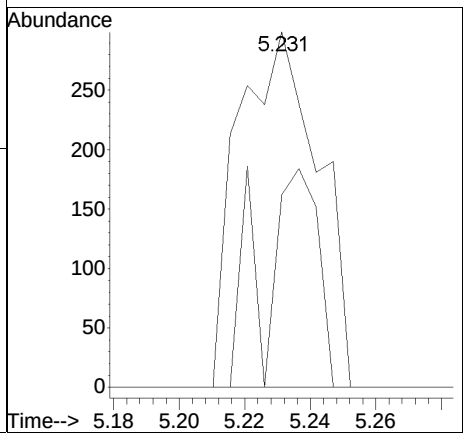


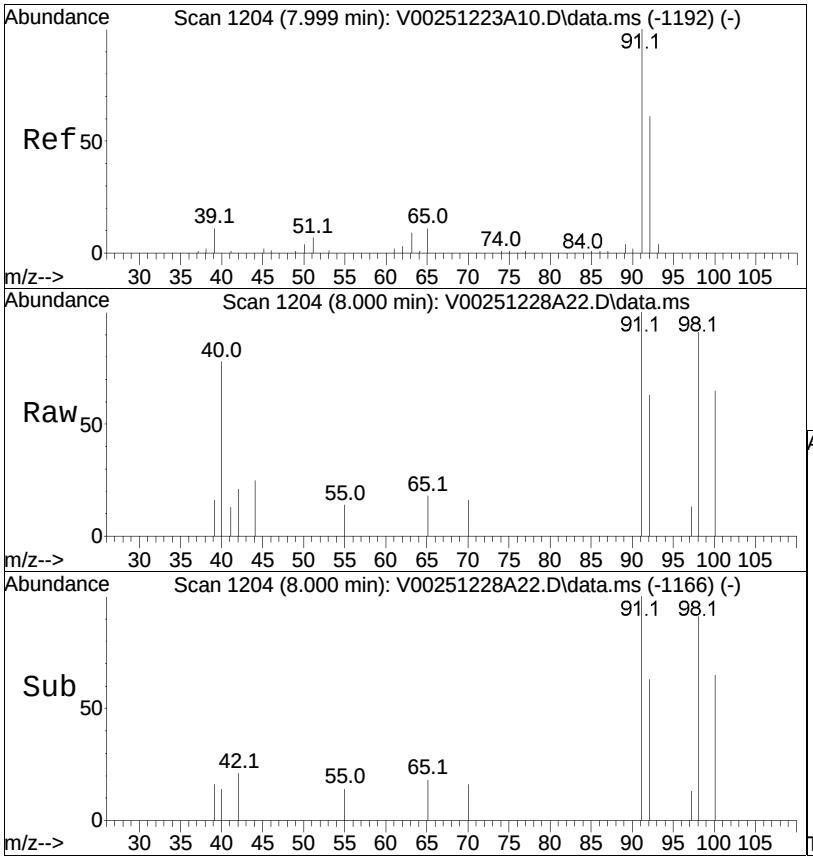


#33
Chloroform
Concen: 0.13 ug/L
RT: 5.231 min Scan# 676
Delta R.T. 0.000 min
Lab File: V00251228A22.D
Acq: 29 Dec 2025 12:49 am

Tgt Ion: 83 Resp: 508

Ion	Ratio	Lower	Upper
83	100		
85	30.9	43.3	89.9#
47	0.0	14.4	29.8#
48	0.0	7.5	15.7#

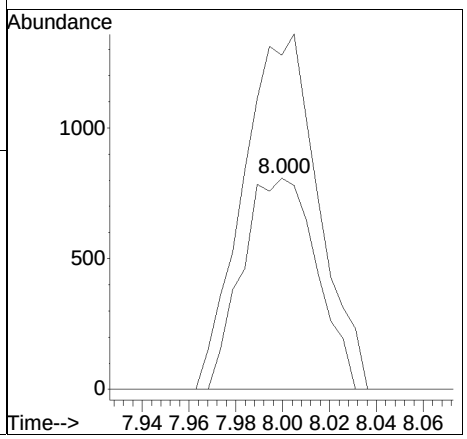


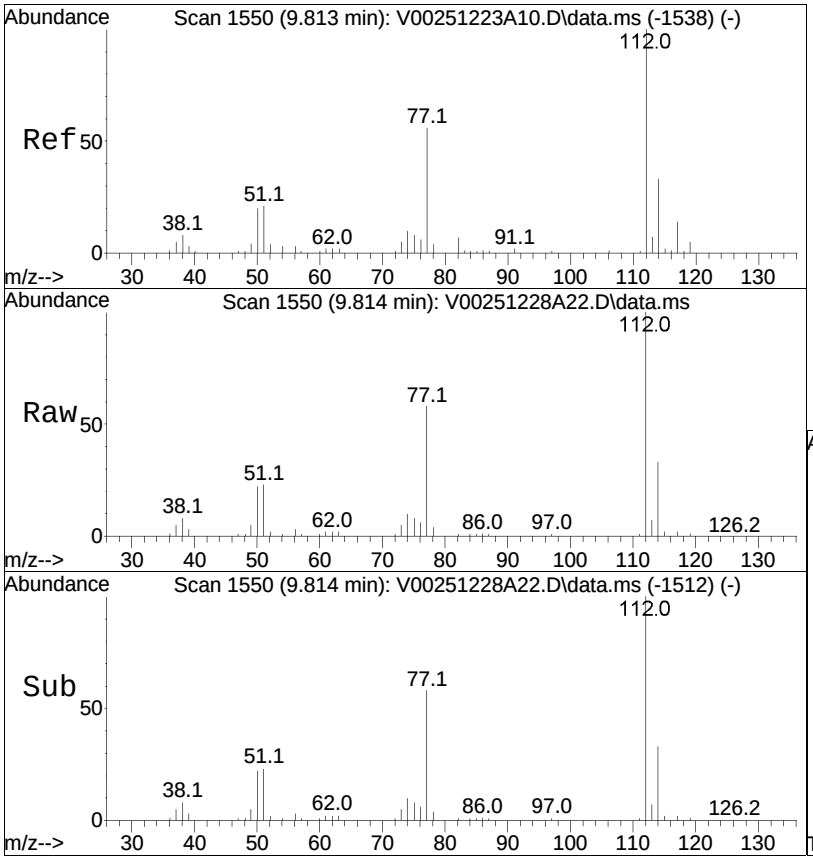


#62
Toluene
Concen: 0.29 ug/L
RT: 8.000 min Scan# 1204
Delta R.T. 0.000 min
Lab File: V00251228A22.D
Acq: 29 Dec 2025 12:49 am

Tgt Ion: 92 Resp: 1782

Ion	Ratio	Lower	Upper
92	100		
91	170.5	138.2	207.2

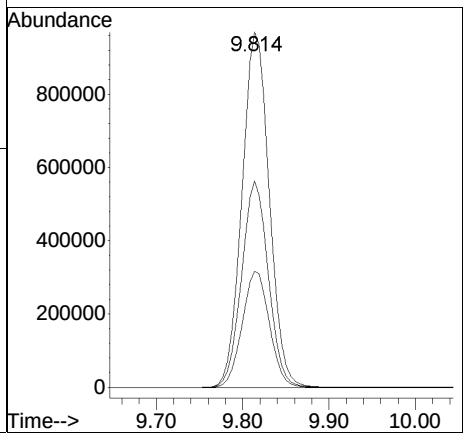


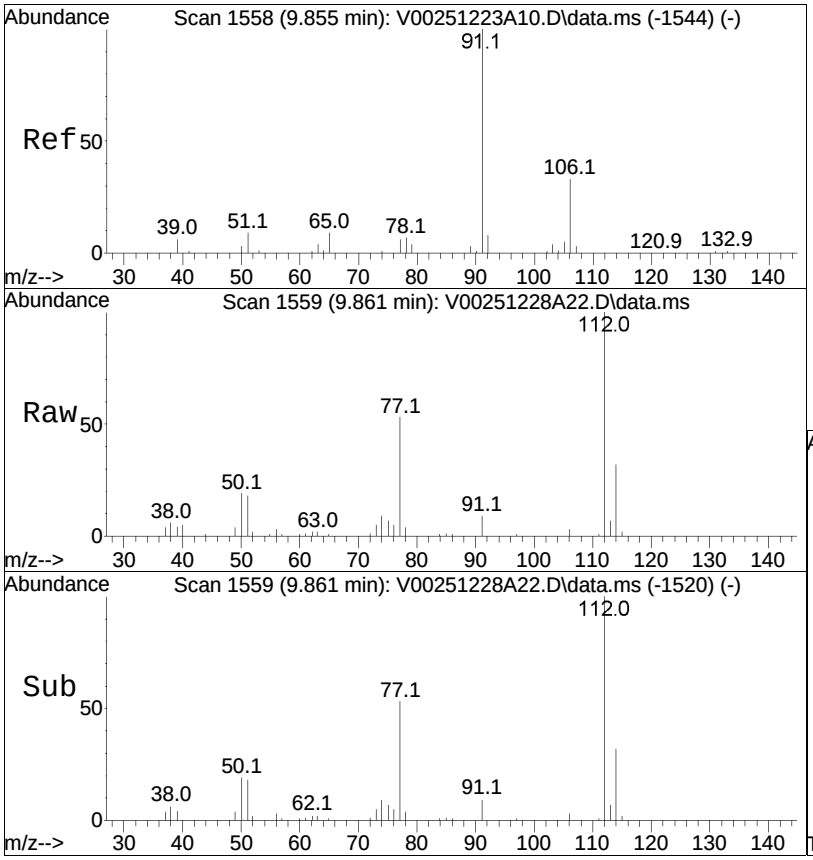


#74
Chlorobenzene
Concen: 308.52 ug/L
RT: 9.814 min Scan# 1550
Delta R.T. 0.000 min
Lab File: V00251228A22.D
Acq: 29 Dec 2025 12:49 am

Tgt Ion:112 Resp: 2133436

Ion	Ratio	Lower	Upper
112	100		
77	57.0	57.9	86.9#
114	32.7	25.7	38.5

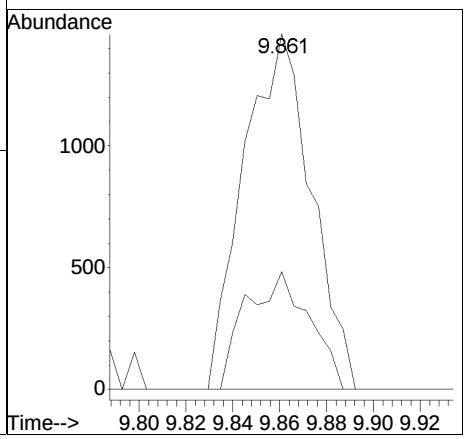


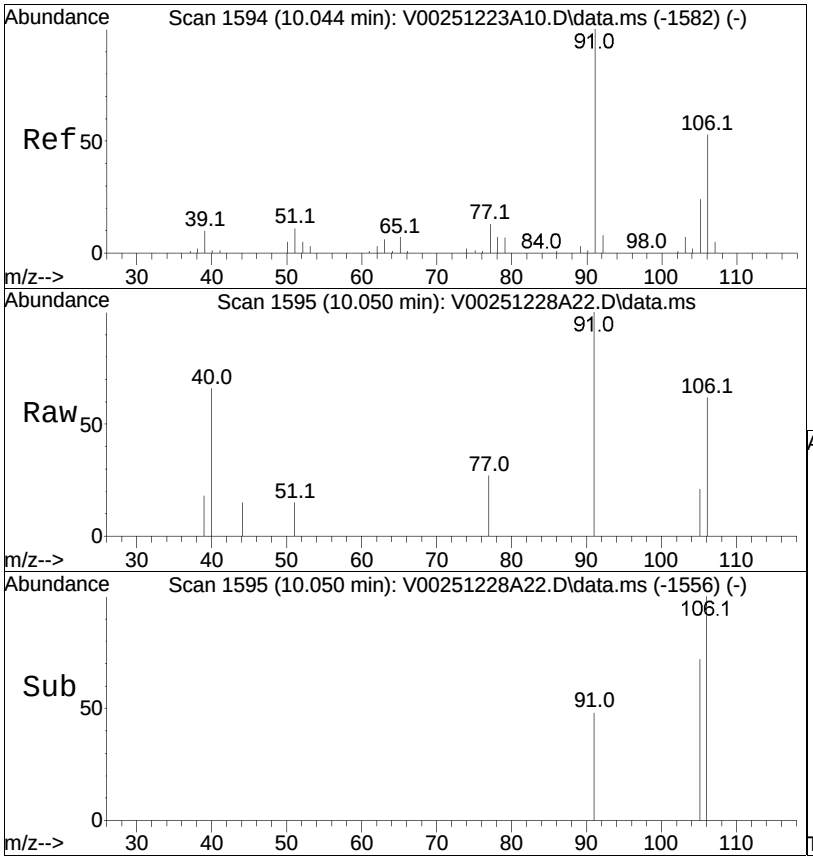


#75
Ethylbenzene
Concen: 0.26 ug/L
RT: 9.861 min Scan# 1559
Delta R.T. 0.005 min
Lab File: V00251228A22.D
Acq: 29 Dec 2025 12:49 am

Tgt Ion: 91 Resp: 2932

Ion	Ratio	Lower	Upper
91	100		
106	30.8	25.1	37.7

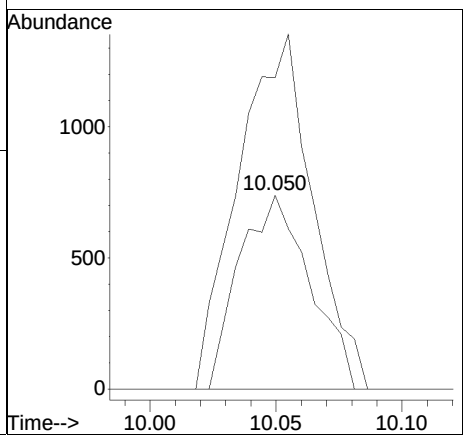


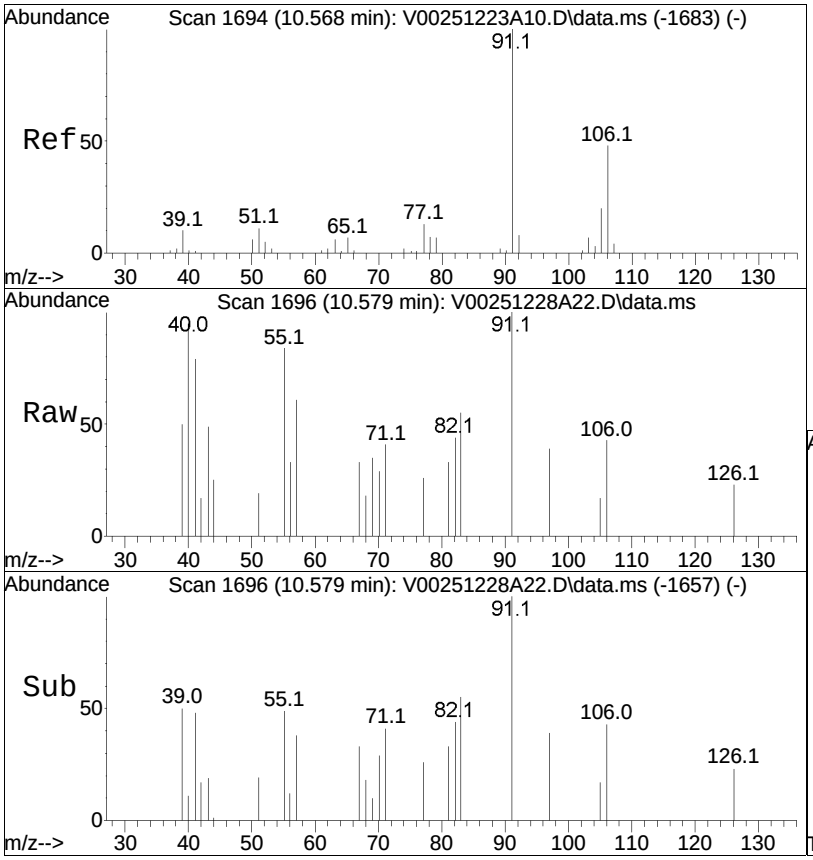


#77
p/m Xylene
Concen: 0.32 ug/L
RT: 10.050 min Scan# 1595
Delta R.T. 0.005 min
Lab File: V00251228A22.D
Acq: 29 Dec 2025 12:49 am

Tgt Ion:106 Resp: 1443

Ion	Ratio	Lower	Upper
106	100		
91	193.0	159.5	239.3

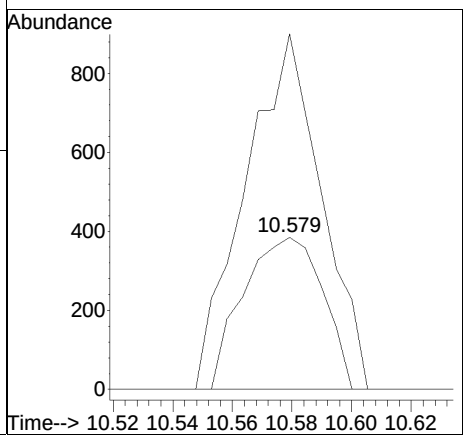


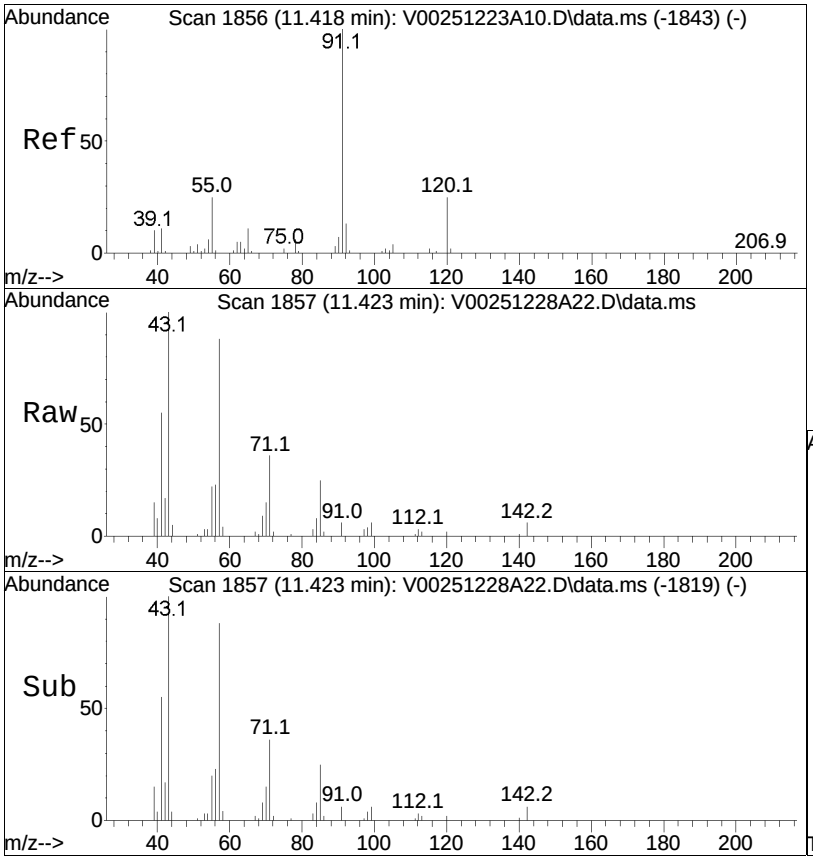


#78
o Xylene
Concen: 0.16 ug/L
RT: 10.579 min Scan# 1696
Delta R.T. 0.005 min
Lab File: V00251228A22.D
Acq: 29 Dec 2025 12:49 am

Tgt Ion:106 Resp: 713

Ion	Ratio	Lower	Upper
106	100		
91	224.3	168.6	252.8

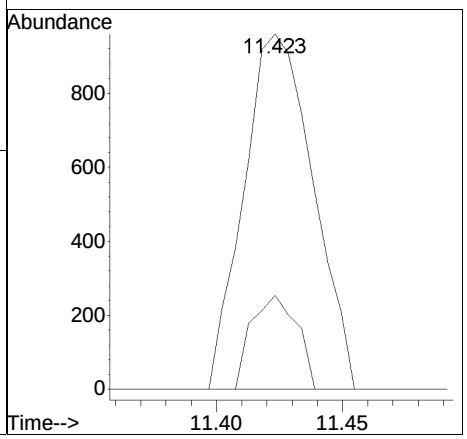


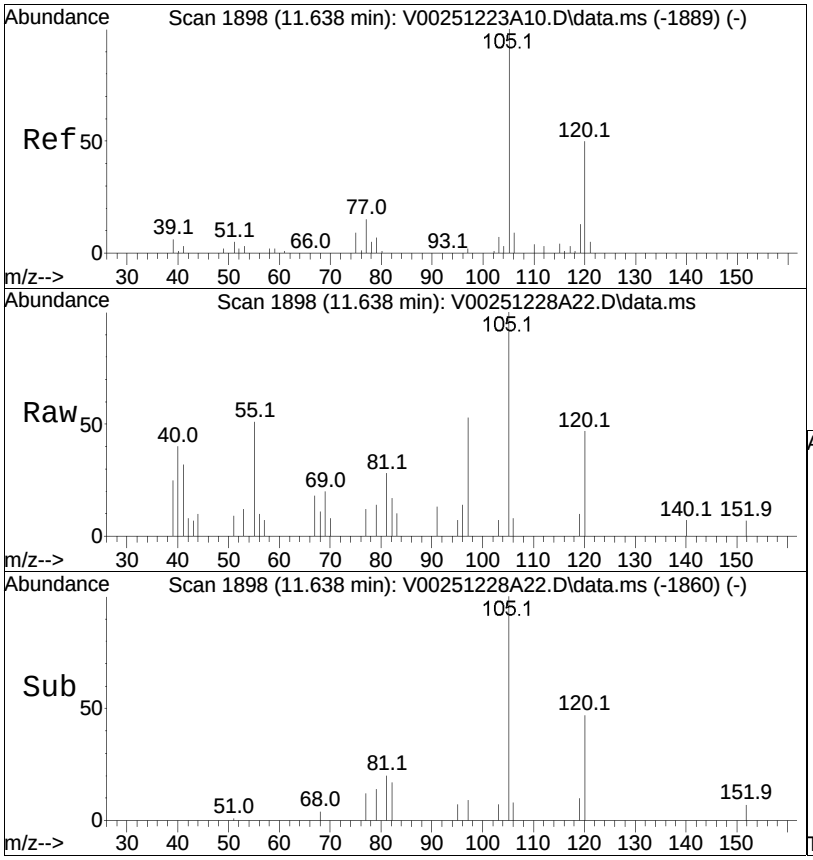


#86
n-Propylbenzene
Concen: 0.14 ug/L
RT: 11.423 min Scan# 1857
Delta R.T. 0.000 min
Lab File: V00251228A22.D
Acq: 29 Dec 2025 12:49 am

Tgt Ion: 91 Resp: 1835

Ion	Ratio	Lower	Upper
91	100		
120	17.4	18.2	27.2#

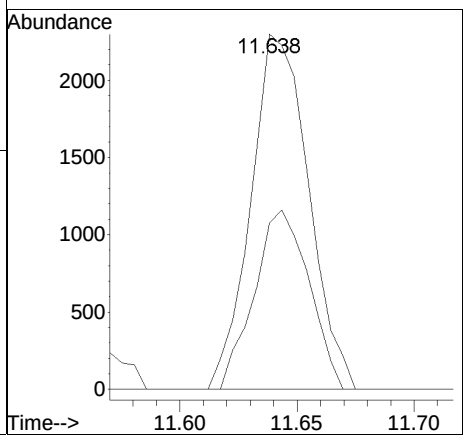


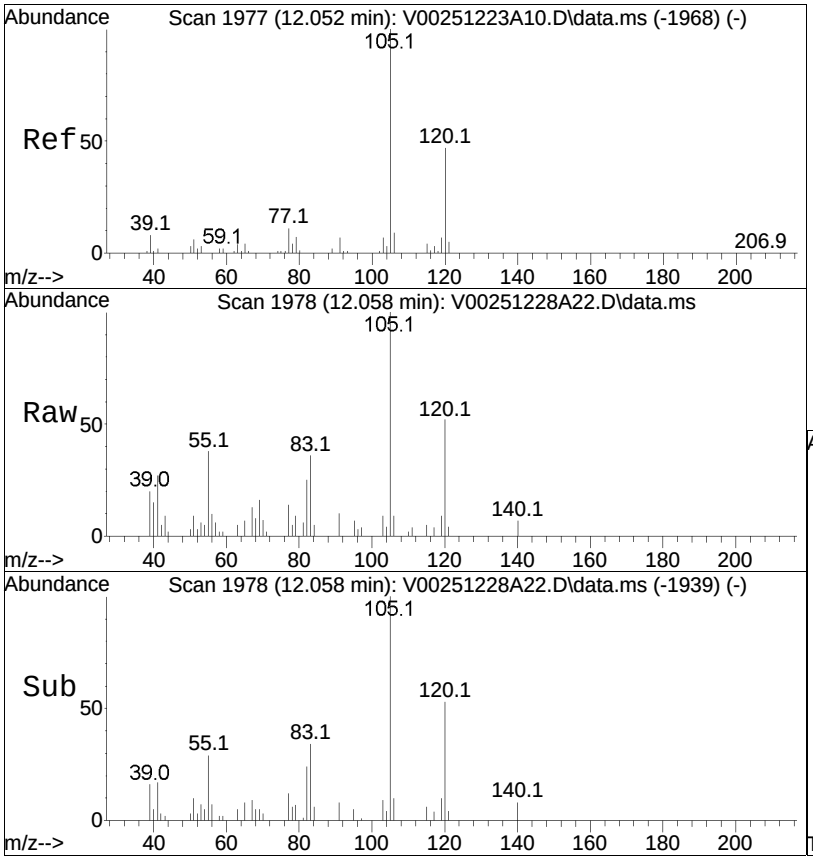


#91
1,3,5-Trimethylbenzene
Concen: 0.40 ug/L
RT: 11.638 min Scan# 1898
Delta R.T. 0.000 min
Lab File: V00251228A22.D
Acq: 29 Dec 2025 12:49 am

Tgt Ion:105 Resp: 3937

Ion	Ratio	Lower	Upper
105	100		
120	47.8	39.1	58.7

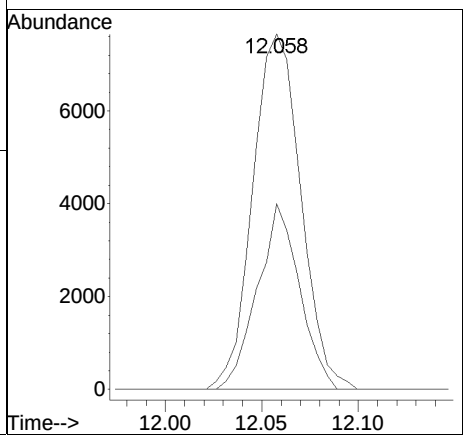


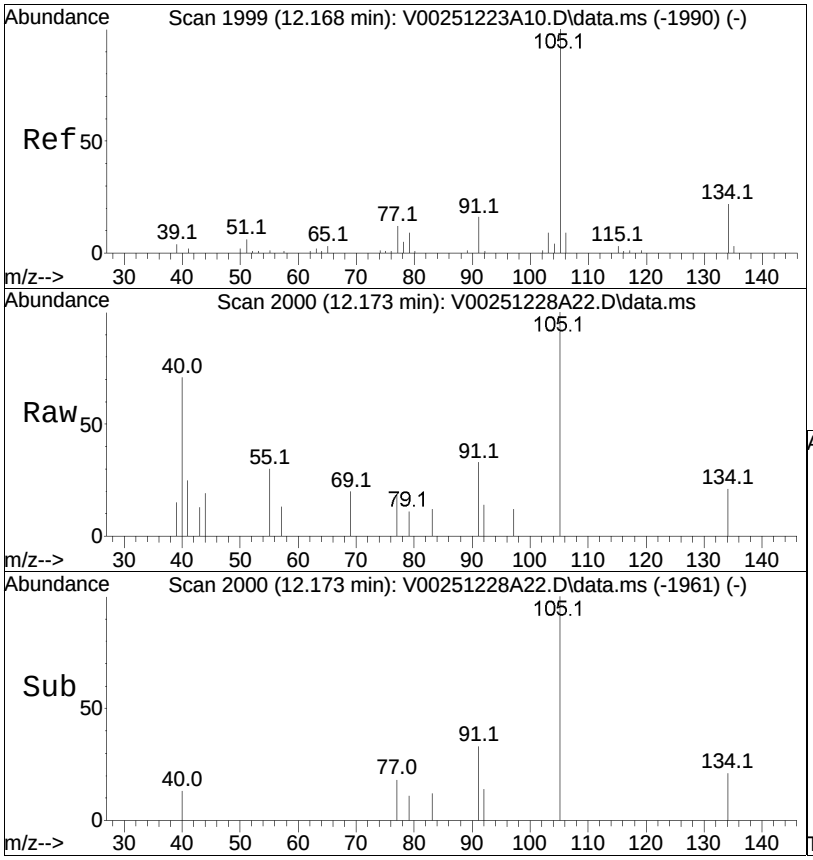


#98
1,2,4-Trimethylbenzene
Concen: 1.35 ug/L
RT: 12.058 min Scan# 1978
Delta R.T. 0.005 min
Lab File: V00251228A22.D
Acq: 29 Dec 2025 12:49 am

Tgt Ion:105 Resp: 13286

Ion	Ratio	Lower	Upper
105	100		
120	45.6	37.1	55.7

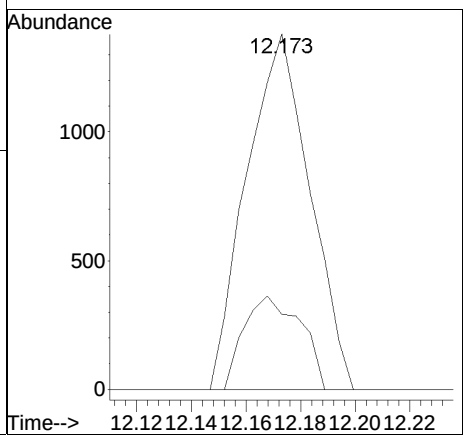


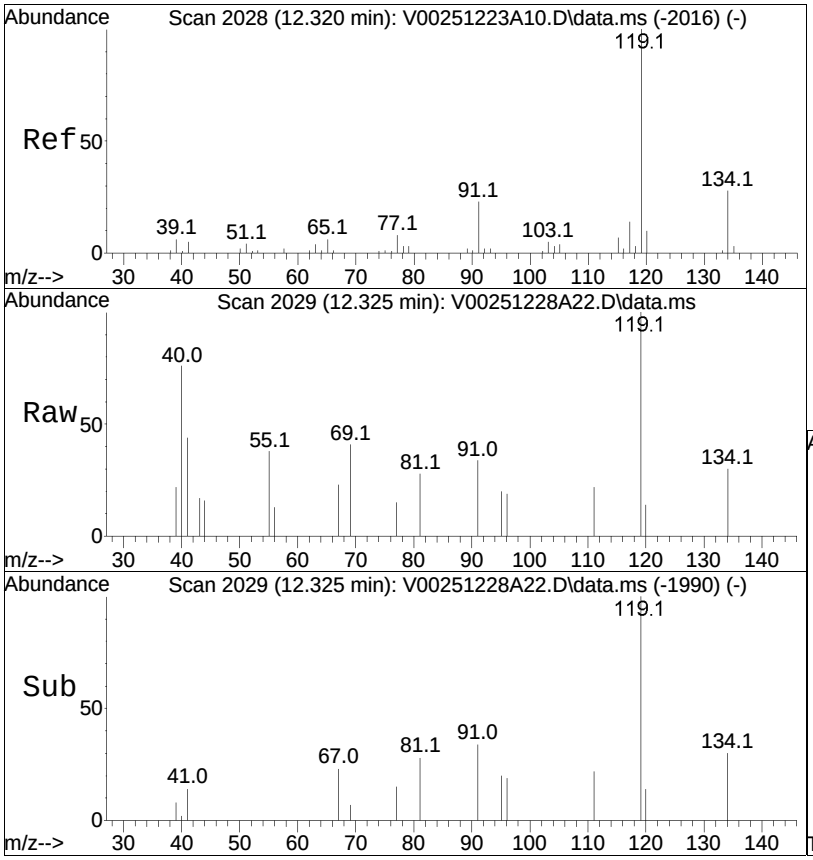


#99
sec-Butylbenzene
Concen: 0.17 ug/L
RT: 12.173 min Scan# 2000
Delta R.T. 0.005 min
Lab File: V00251228A22.D
Acq: 29 Dec 2025 12:49 am

Tgt Ion:105 Resp: 2217

Ion	Ratio	Lower	Upper
105	100		
134	23.7	13.5	27.9

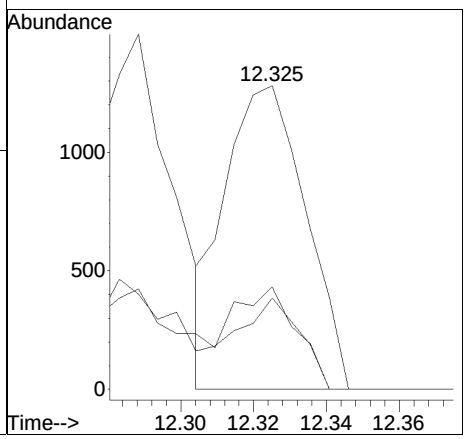


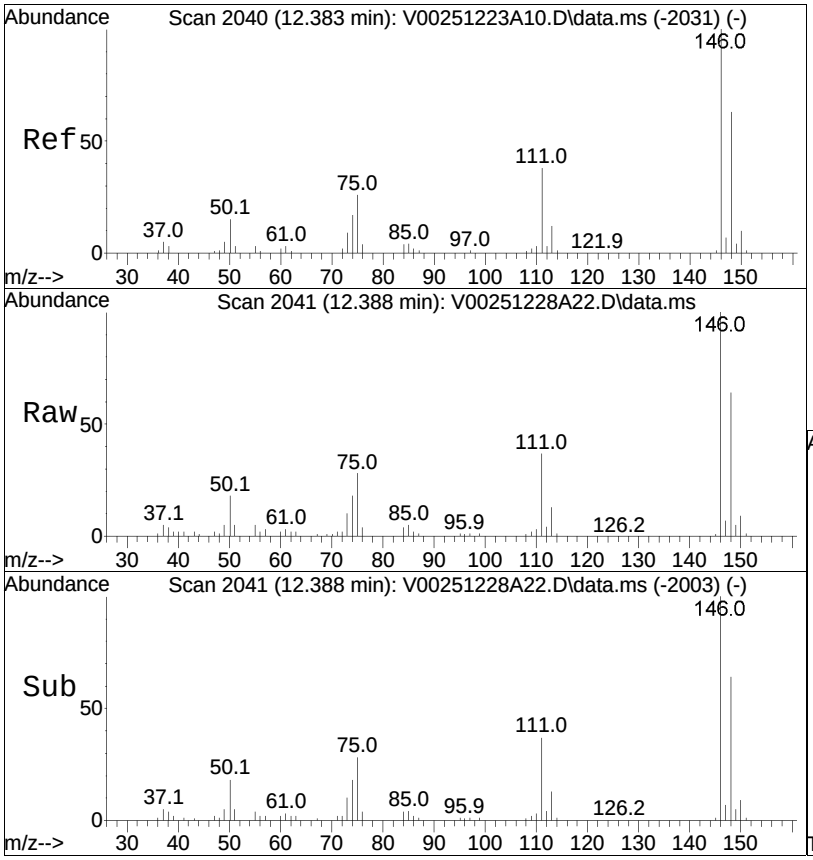


#100
p-Isopropyltoluene
Concen: 0.18 ug/L
RT: 12.325 min Scan# 2029
Delta R.T. 0.005 min
Lab File: V00251228A22.D
Acq: 29 Dec 2025 12:49 am

Tgt Ion:119 Resp: 1970

Ion	Ratio	Lower	Upper
119	100		
134	22.1	17.4	36.0
91	25.7	15.8	32.8

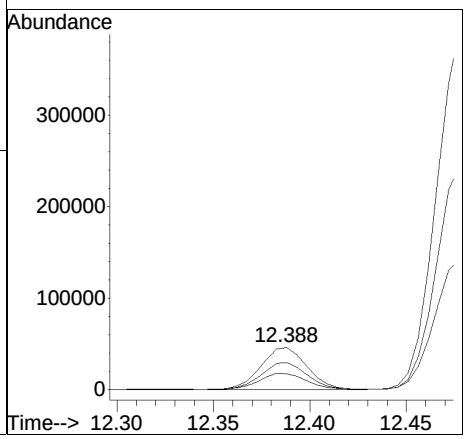


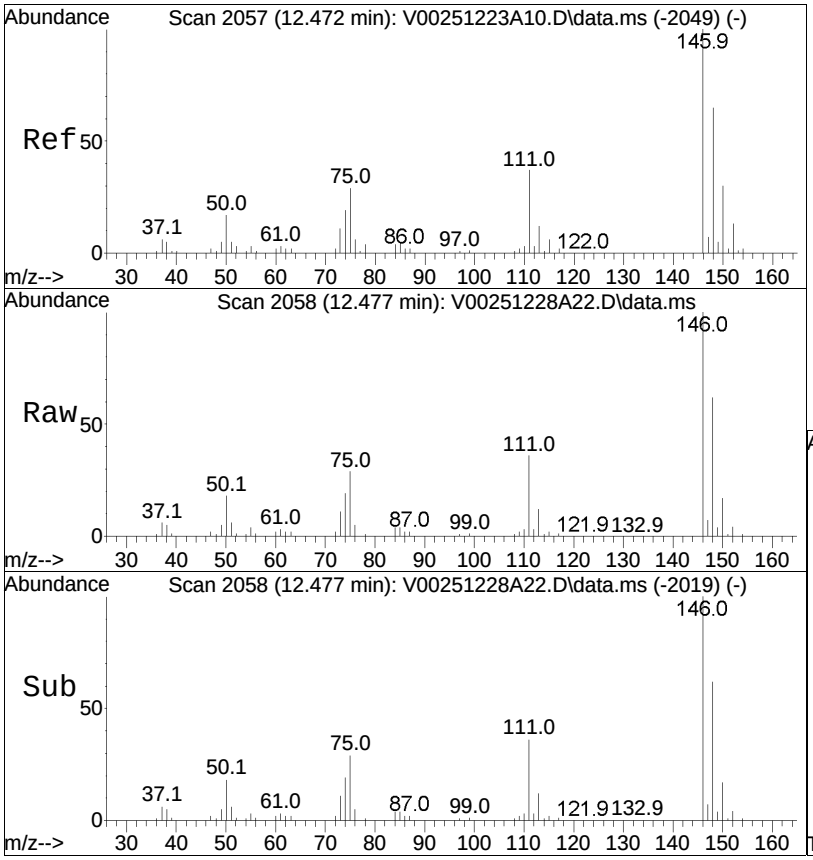


#101
1,3-Dichlorobenzene
Concen: 12.45 ug/L
RT: 12.388 min Scan# 2041
Delta R.T. 0.000 min
Lab File: V00251228A22.D
Acq: 29 Dec 2025 12:49 am

Tgt Ion:146 Resp: 76134

Ion	Ratio	Lower	Upper
146	100		
111	40.1	26.1	54.1
148	63.7	40.8	84.8

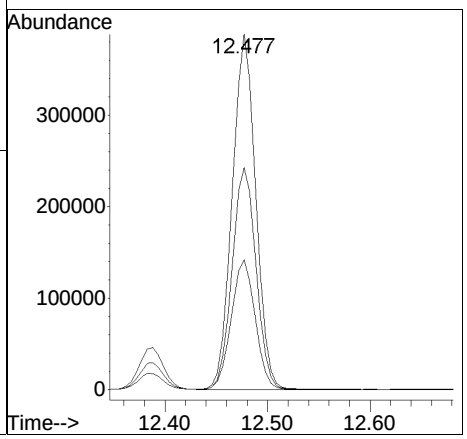


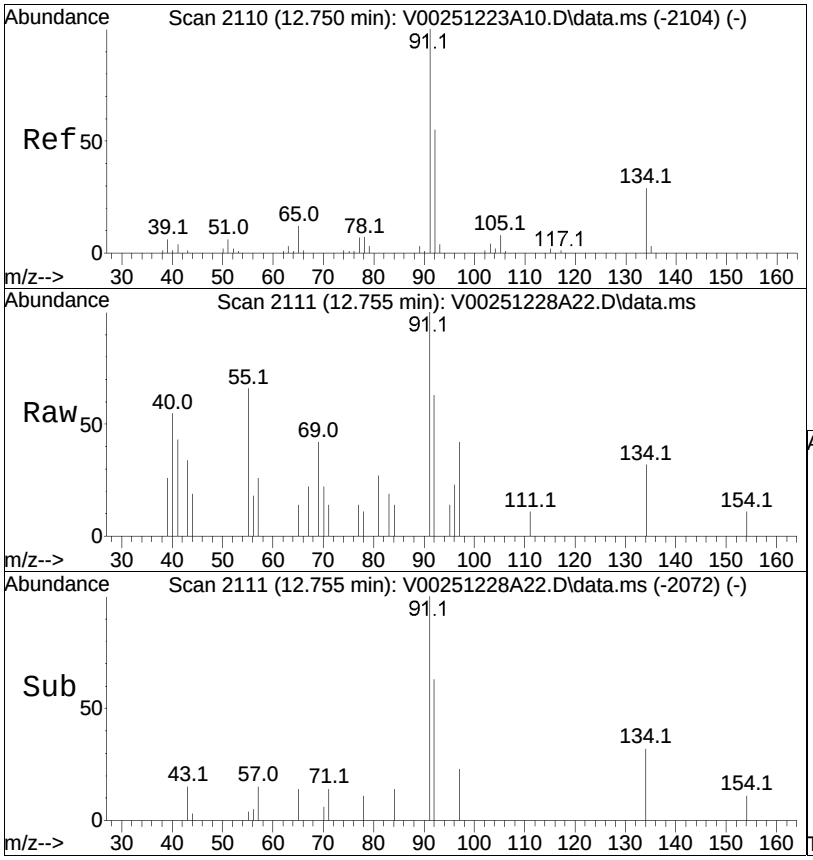


#102
1,4-Dichlorobenzene
Concen: 99.87 ug/L
RT: 12.477 min Scan# 2058
Delta R.T. 0.005 min
Lab File: V00251228A22.D
Acq: 29 Dec 2025 12:49 am

Tgt Ion:146 Resp: 619462

Ion	Ratio	Lower	Upper
146	100		
111	37.0	32.1	48.1
148	63.5	50.6	75.8

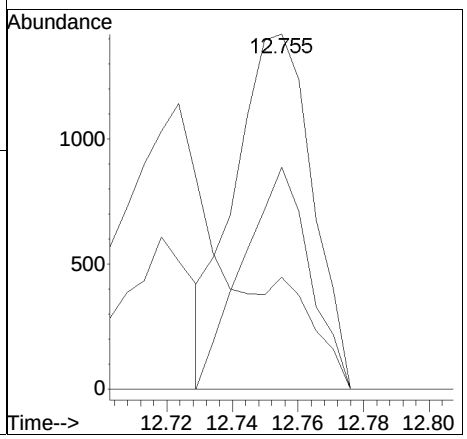


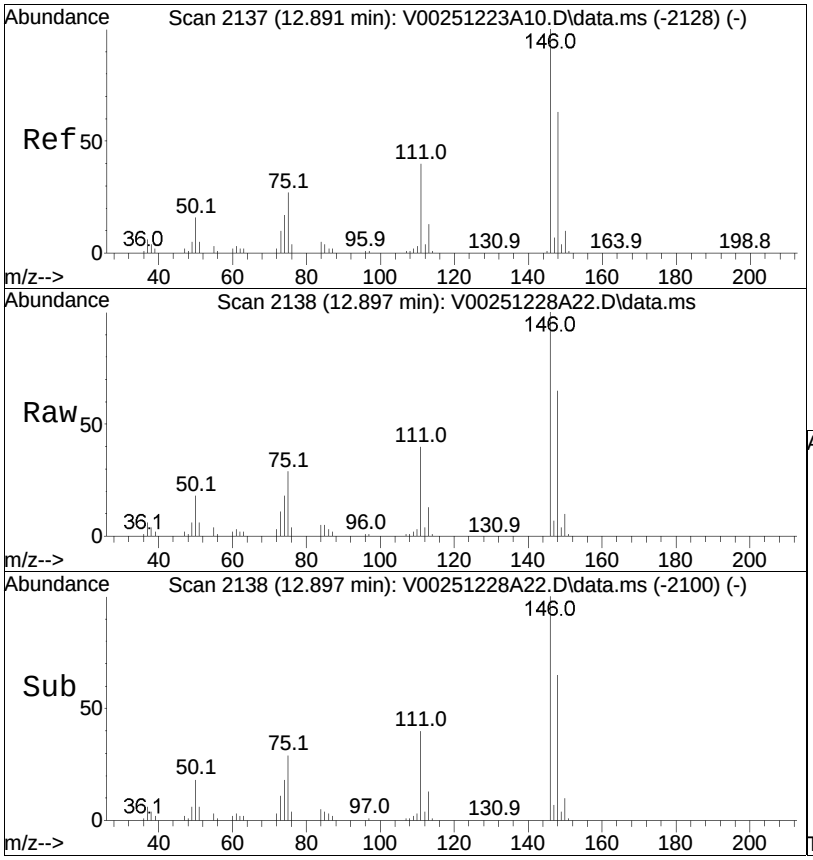


#104
n-Butylbenzene
Concen: 0.24 ug/L
RT: 12.755 min Scan# 2111
Delta R.T. 0.005 min
Lab File: V00251228A22.D
Acq: 29 Dec 2025 12:49 am

Tgt Ion: 91 Resp: 2341

Ion	Ratio	Lower	Upper
91	100		
92	53.7	43.7	65.5
134	0.0	21.5	32.3#

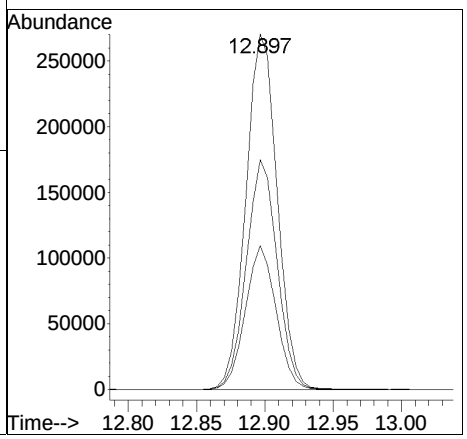


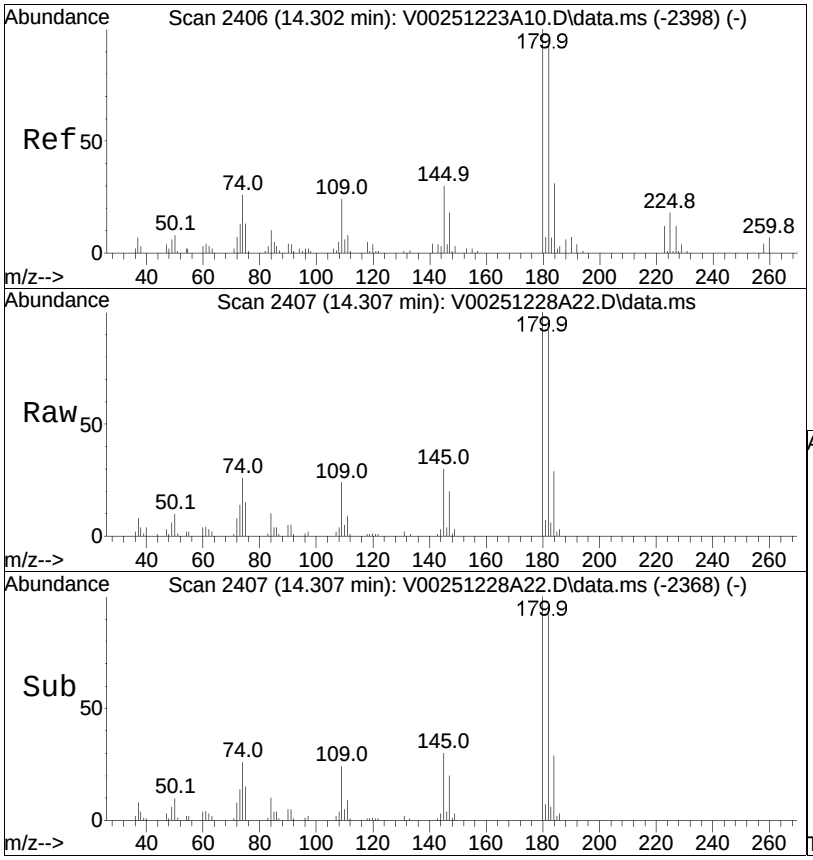


#105
1,2-Dichlorobenzene
Concen: 74.95 ug/L
RT: 12.897 min Scan# 2138
Delta R.T. 0.000 min
Lab File: V00251228A22.D
Acq: 29 Dec 2025 12:49 am

Tgt Ion:146 Resp: 431804

Ion	Ratio	Lower	Upper
146	100		
111	39.6	26.9	55.9
148	63.7	40.3	83.7

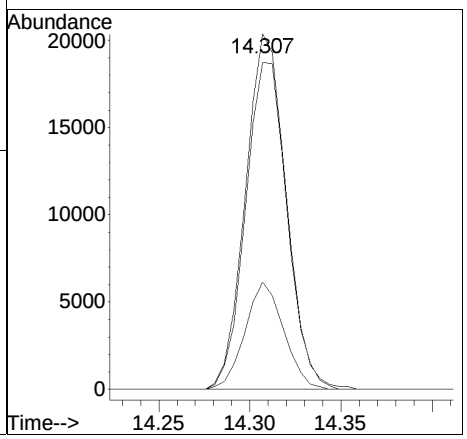


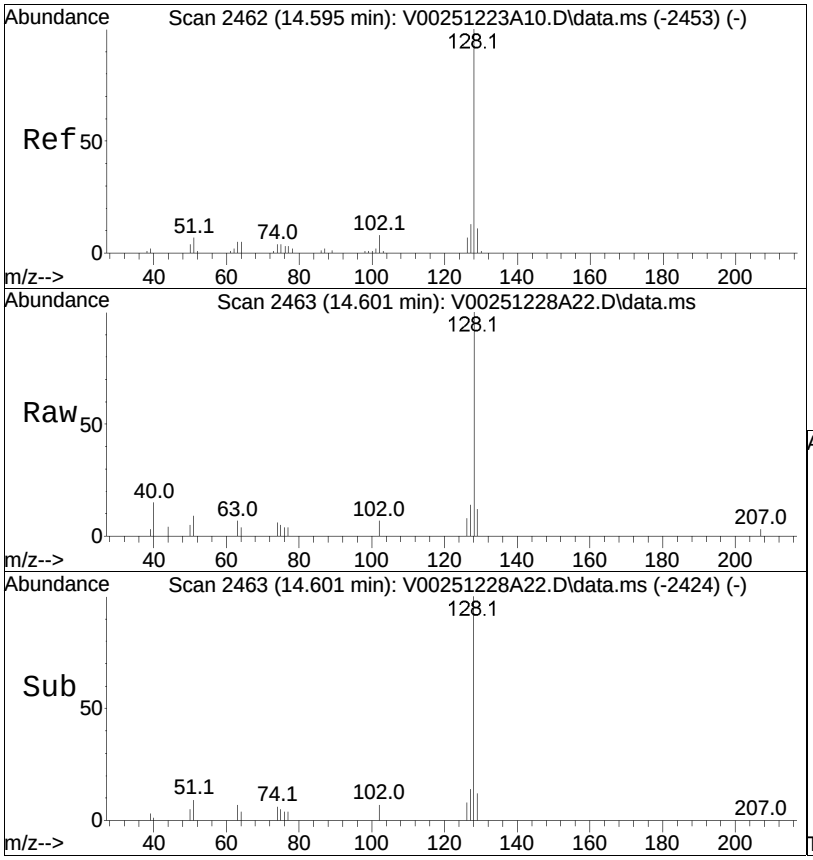


#110
1,2,4-Trichlorobenzene
Concen: 7.32 ug/L
RT: 14.307 min Scan# 2407
Delta R.T. 0.005 min
Lab File: V00251228A22.D
Acq: 29 Dec 2025 12:49 am

Tgt Ion:180 Resp: 31713

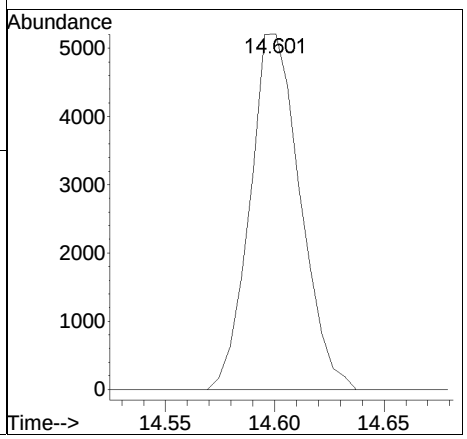
Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.8	113.6
145	28.7	29.2	43.8#





#111
Naphthalene
Concen: 0.95 ug/L
RT: 14.601 min Scan# 2463
Delta R.T. 0.005 min
Lab File: V00251228A22.D
Acq: 29 Dec 2025 12:49 am

Tgt Ion:128 Resp: 8339



Manual Integration Report

Data Path	: K:\VOA100\2025\251228A\	QMethod	: V100_251223A_8260.m
Data File	: V00251228A22.D	Operator	: VOA100:JIC
Date Inj'd	: 12/29/2025 12:49 am	Instrument	: VOA100
Sample	: L2580856-12D,31H,6.14,5,0.	Quant Date	: 12/29/2025 6:17 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A22.D
Acq On : 29 Dec 2025 12:49 am
Operator : VOA100:JIC
Sample : L2580856-12D,31H,6.14,5,0.02,,X
Misc : WG2159678,ICAL22914
ALS Vial : 22 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V00251228A22.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.227	854	866	887	rBV	136321	302712	4.14%	2.278%
2	7.937	1180	1192	1215	rBV	194161	431872	5.90%	3.250%
3	9.814	1533	1550	1578	rBV	3192902	7314420	100.00%	55.050%
4	11.261	1815	1826	1837	rBV2	176494	336247	4.60%	2.531%
5	12.383	2033	2040	2048	rBV	180569	307503	4.20%	2.314%
6	12.477	2048	2058	2068	rVV2	1579511	2869737	39.23%	21.598%
7	12.897	2125	2138	2156	rBV	1077030	1724369	23.57%	12.978%

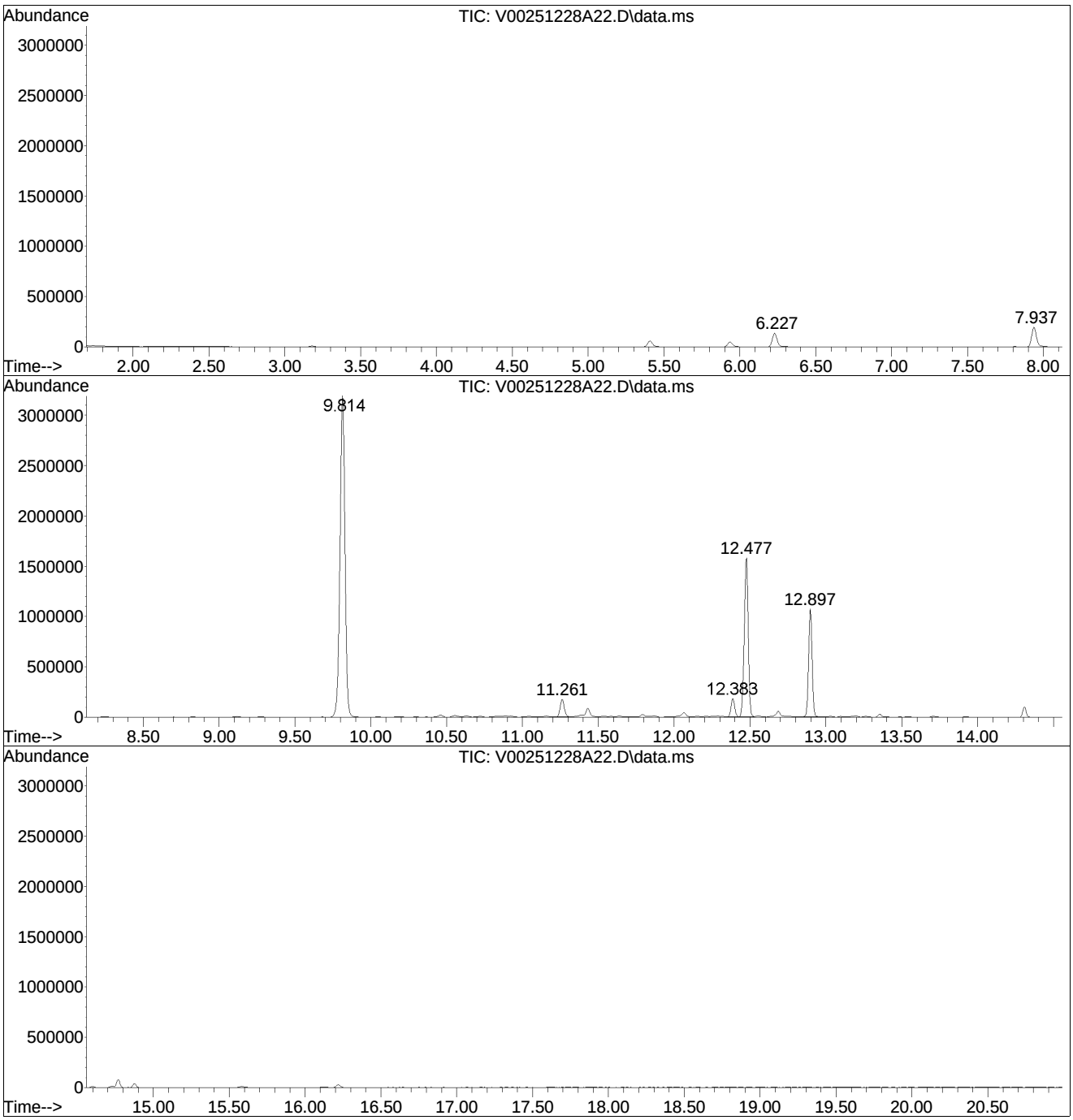
Sum of corrected areas: 13286860

LSC Report - Integrated Chromatogram

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A22.D
Acq On : 29 Dec 2025 12:49 am
Operator : VOA100:JIC
Sample : L2580856-12D,31H,6.14,5,0.02,,X
Misc : WG2159678,ICAL22914
ALS Vial : 22 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A22.D
Acq On : 29 Dec 2025 12:49 am
Operator : VOA100:JIC
Sample : L2580856-12D,31H,6.14,5,0.02,,X
Misc : WG2159678,ICAL22914
ALS Vial : 22 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A22.D
Acq On : 29 Dec 2025 12:49 am
Operator : VOA100:JIC
Sample : L2580856-12D,31H,6.14,5,0.02,,X
Misc : WG2159678,ICAL22914
ALS Vial : 22 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A23.D
Acq On : 29 Dec 2025 01:15 am
Operator : VOA100:JIC
Sample : L2580856-12D2,31H,6.14,5,0.005,,X
Misc : WG2159678,ICAL22914
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 29 06:17:44 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CB - CB

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.233	96	137770	20.000	ug/L	0.00
Standard Area 1 = 159908			Recovery = 86.16%			
60) Chlorobenzene-d5	9.793	117	129364	20.000	ug/L	0.00
Standard Area 1 = 142938			Recovery = 90.50%			
80) 1,4-Dichlorobenzene-d4	12.461	152	76457	20.000	ug/L	0.00
Standard Area 1 = 85973			Recovery = 88.93%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.404	113	40150	20.979	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.90%			
44) 1,2-Dichloroethane-d4	5.934	65	40301	21.189	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.94%			
61) Toluene-d8	7.937	98	155167	18.665	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.32%			
84) 4-Bromofluorobenzene	11.261	95	61138	20.065	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.33%			
Target Compounds						Qvalue
74) Chlorobenzene	9.814	112	529610	80.959	ug/L #	87

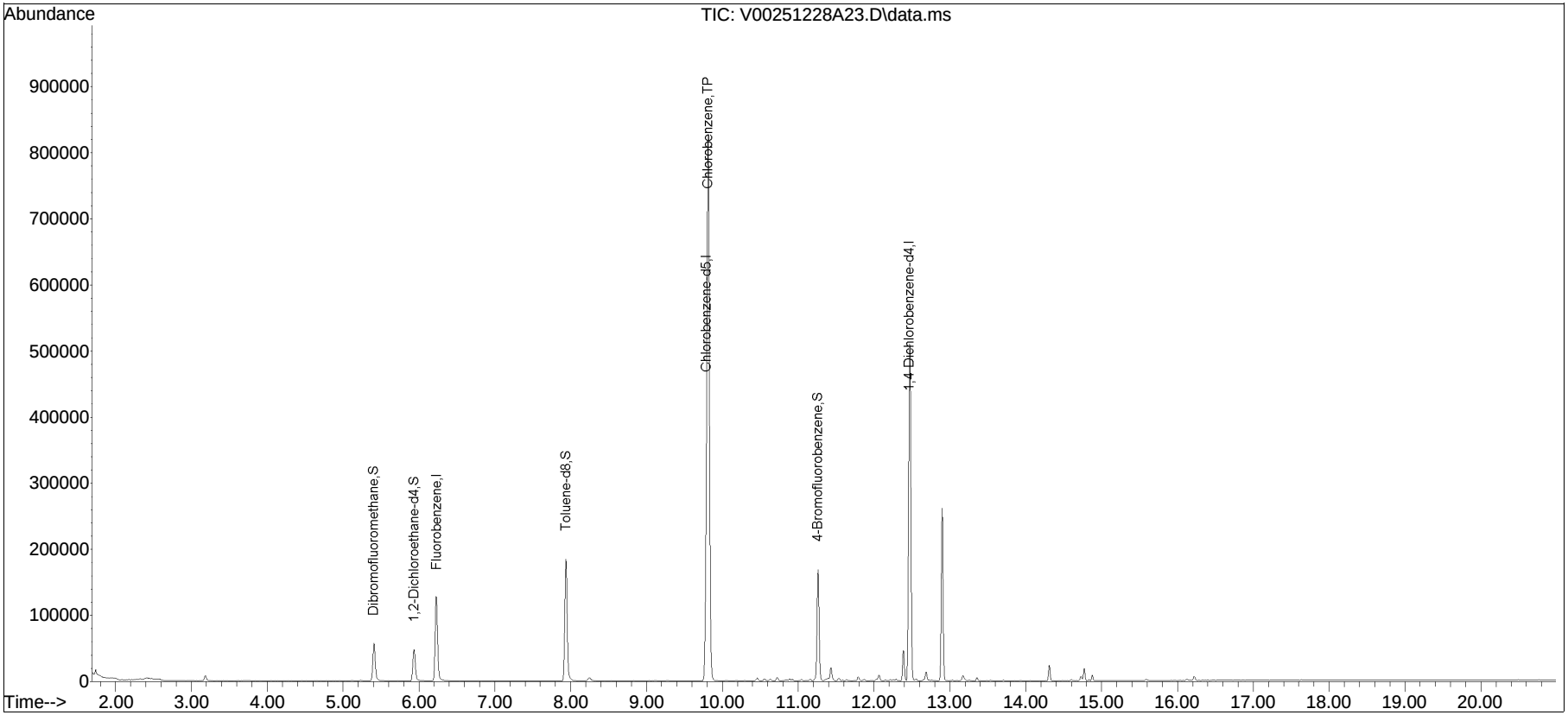
(#) = qualifier out of range (m) = manual integration (+) = signals summed

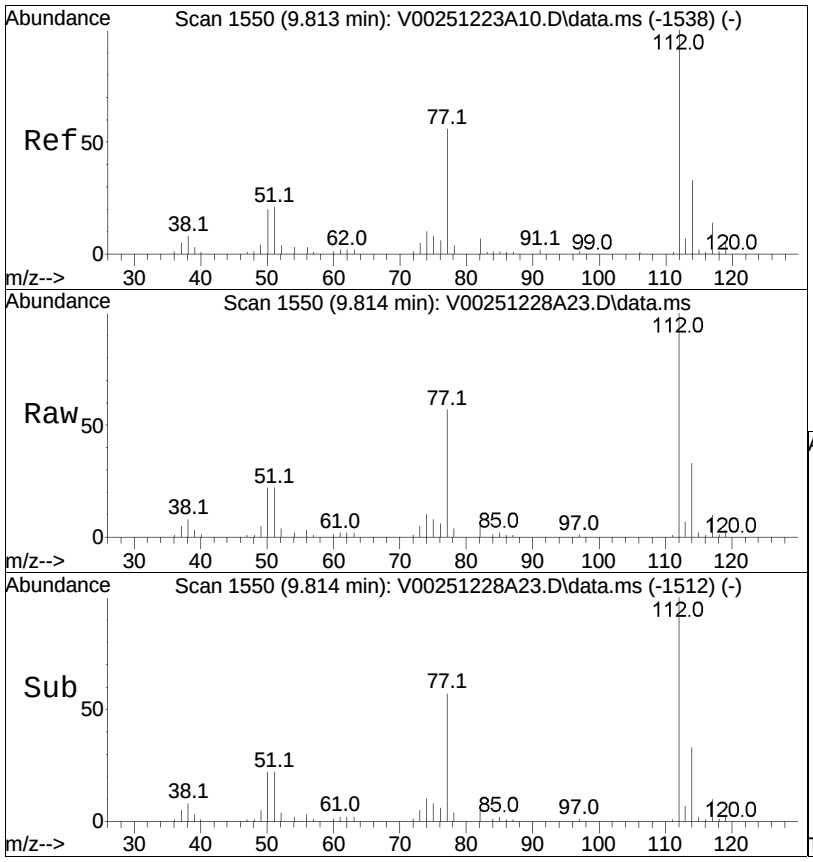
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A23.D
Acq On : 29 Dec 2025 01:15 am
Operator : VOA100:JIC
Sample : L2580856-12D2,31H,6.14,5,0.005,,X
Misc : WG2159678,ICAL22914
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 29 06:17:44 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-CB - CB0\2025\251228A\V00251228A01.D•

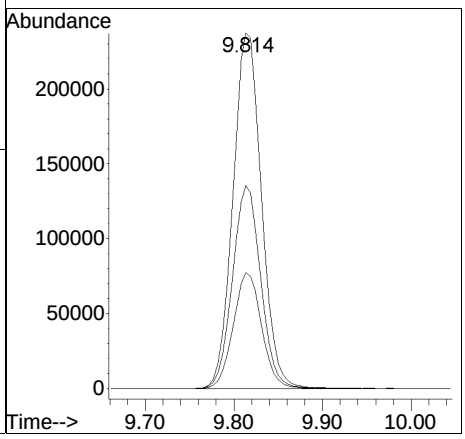




#74
Chlorobenzene
Concen: 80.96 ug/L
RT: 9.814 min Scan# 1550
Delta R.T. 0.000 min
Lab File: V00251228A23.D
Acq: 29 Dec 2025 01:15 am

Tgt Ion:112 Resp: 529610

Ion	Ratio	Lower	Upper
112	100		
77	56.6	57.9	86.9#
114	32.3	25.7	38.5



Manual Integration Report

Data Path	: K:\VOA100\2025\251228A\	QMethod	: V100_251223A_8260.m
Data File	: V00251228A23.D	Operator	: VOA100:JIC
Date Inj'd	: 12/29/2025 1:15 am	Instrument	: VOA100
Sample	: L2580856-12D2,31H,6.14,5,0	Quant Date	: 12/29/2025 6:17 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A23.D
Acq On : 29 Dec 2025 3:55 pm
Operator : VOA104:JIC
Sample : l2580856-07,31,5.32,5,,z
Misc : WG2159734,ICAL22828
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 30 13:46:31 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251229A\V04251229A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.383	96	358490	20.000	ug/L	0.00
Standard Area 1 = 369388			Recovery = 97.05%			
59) Chlorobenzene-d5	8.832	117	255785	20.000	ug/L	0.00
Standard Area 1 = 254827			Recovery = 100.38%			
79) 1,4-Dichlorobenzene-d4	11.674	152	122053	20.000	ug/L	0.00
Standard Area 1 = 126132			Recovery = 96.77%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.617	113	96625	18.792	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.96%			
43) 1,2-Dichloroethane-d4	5.115	65	81622	17.878	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 89.39%			
60) Toluene-d8	7.024	98	343500	20.892	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.46%			
83) 4-Bromofluorobenzene	10.400	95	112498	21.395	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.97%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.414	85	55	N.D.		
3) Chloromethane	1.592	50	65	N.D.		
4) Vinyl chloride	1.628	62	206	N.D.		
5) Bromomethane	0.000		0	N.D. d		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.557	76	9831	0.599	ug/L	98
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.028	84	1296	0.230	ug/L	82
17) Acetone	3.076	43	10492	4.242	ug/L	97
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	4.444	83	297	Below Cal #		45
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A23.D
Acq On : 29 Dec 2025 3:55 pm
Operator : VOA104:JIC
Sample : l2580856-07,31,5.32,5,,z
Misc : WG2159734,ICAL22828
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 30 13:46:31 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251229A\V04251229A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 2-Butanone	0.000		0	N.D.	d	
41) Benzene	4.995	78	2304	0.131	ug/L #	71
44) 1,2-Dichloroethane	0.000		0	N.D.		
47) Methyl cyclohexane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	0.000		0	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	8.853	112	2229521	181.942	ug/L	89
74) Ethylbenzene	8.832	91	427	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
85) n-Propylbenzene	10.400	91	47	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
90) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
94) tert-Butylbenzene	0.000		0	N.D.		
97) 1,2,4-Trimethylbenzene	0.000		0	N.D.		
98) sec-Butylbenzene	0.000		0	N.D.		
99) p-Isopropyltoluene	0.000		0	N.D.		
100) 1,3-Dichlorobenzene	11.695	146	184	N.D.		
101) 1,4-Dichlorobenzene	11.695	146	184	N.D.		
103) n-Butylbenzene	0.000		0	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
110) Naphthalene	0.000		0	N.D.		

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

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A23.D
Acq On : 29 Dec 2025 3:55 pm
Operator : VOA104:JIC
Sample : l2580856-07,31,5.32,5,,z
Misc : WG2159734,ICAL22828
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 30 13:46:31 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251229A\V04251229A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

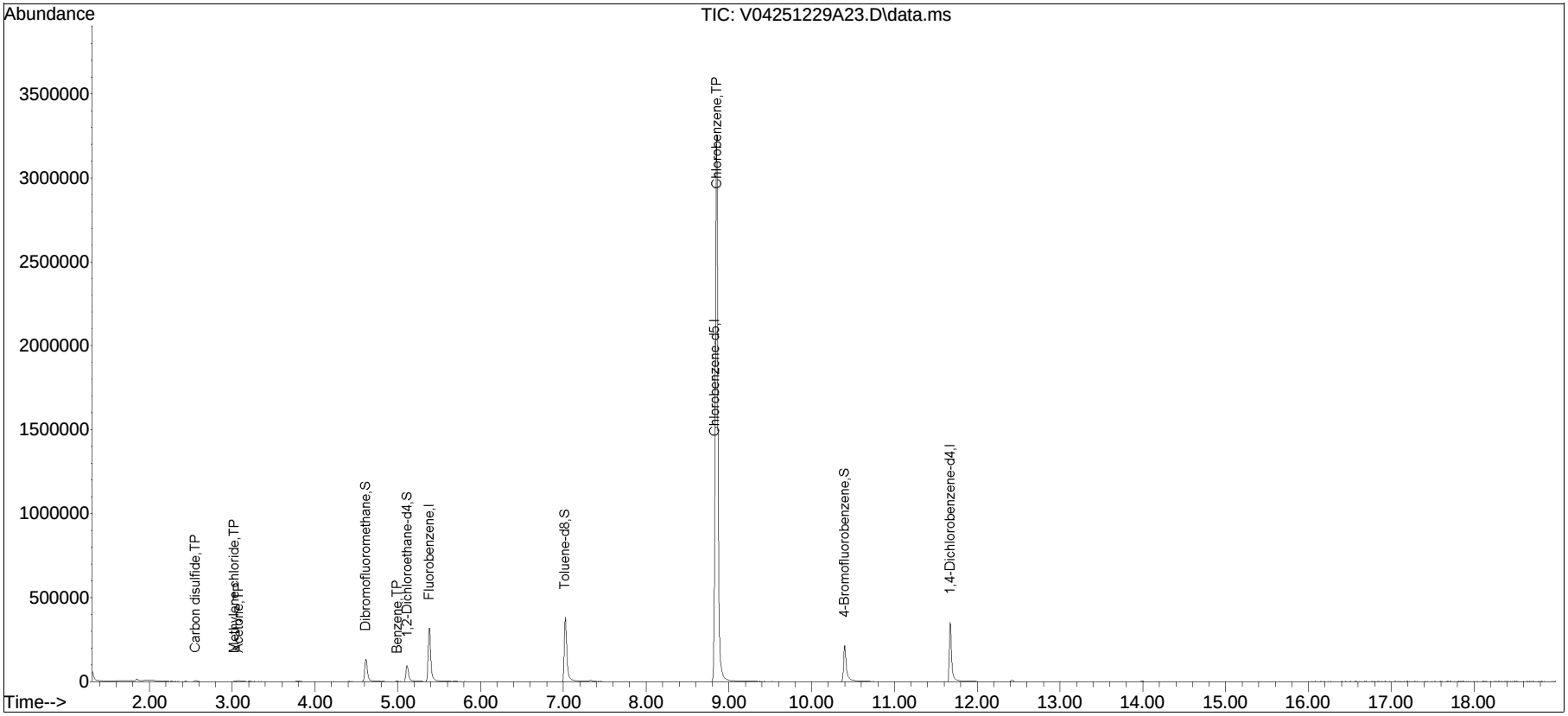
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

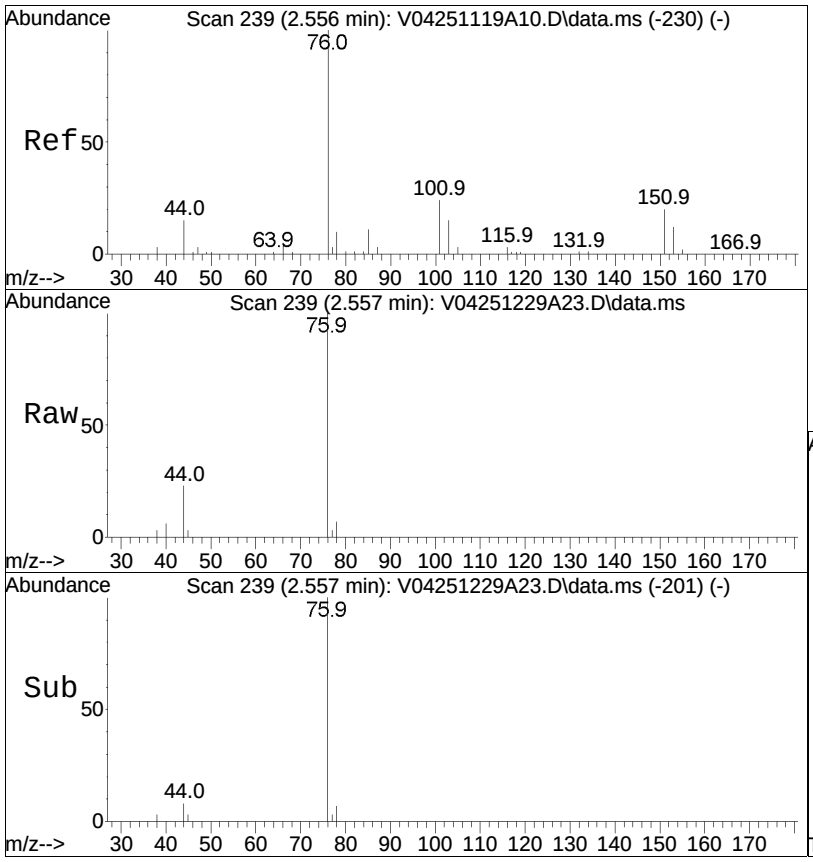
Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A23.D
Acq On : 29 Dec 2025 3:55 pm
Operator : VOA104:JIC
Sample : l2580856-07,31,5.32,5,,z
Misc : WG2159734,ICAL22828
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 30 13:46:31 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS1229A01.D•

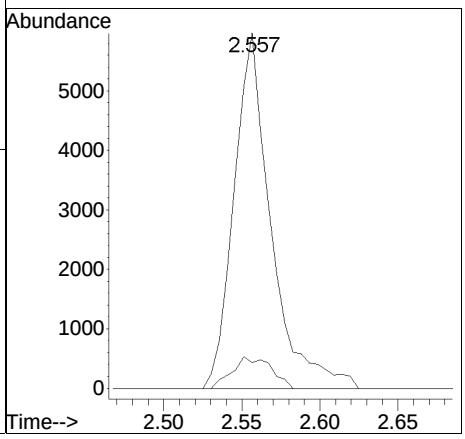


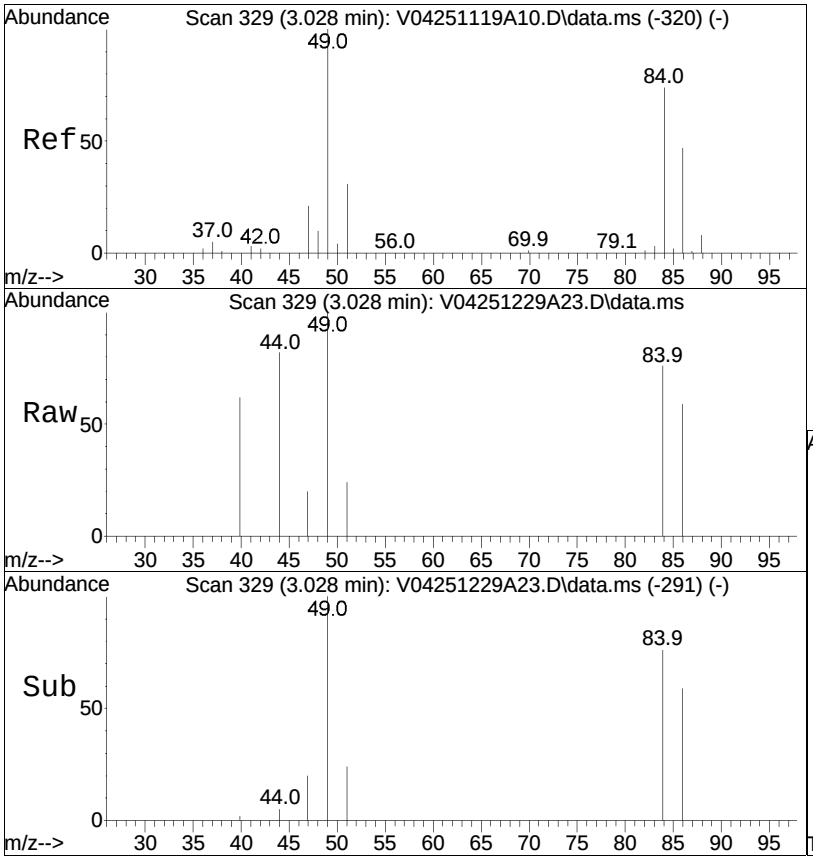


#11
Carbon disulfide
Concen: 0.60 ug/L
RT: 2.557 min Scan# 239
Delta R.T. 0.000 min
Lab File: V04251229A23.D
Acq: 29 Dec 2025 3:55 pm

Tgt Ion: 76 Resp: 9831

Ion	Ratio	Lower	Upper
76	100		
78	9.3	6.6	13.8

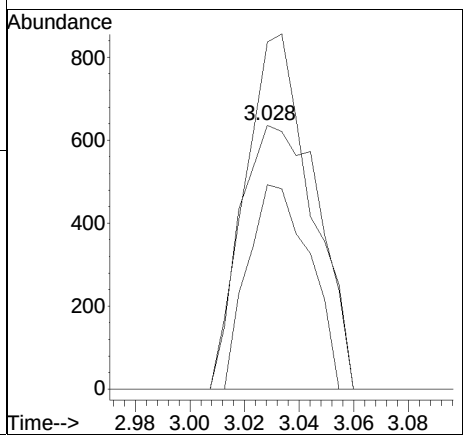


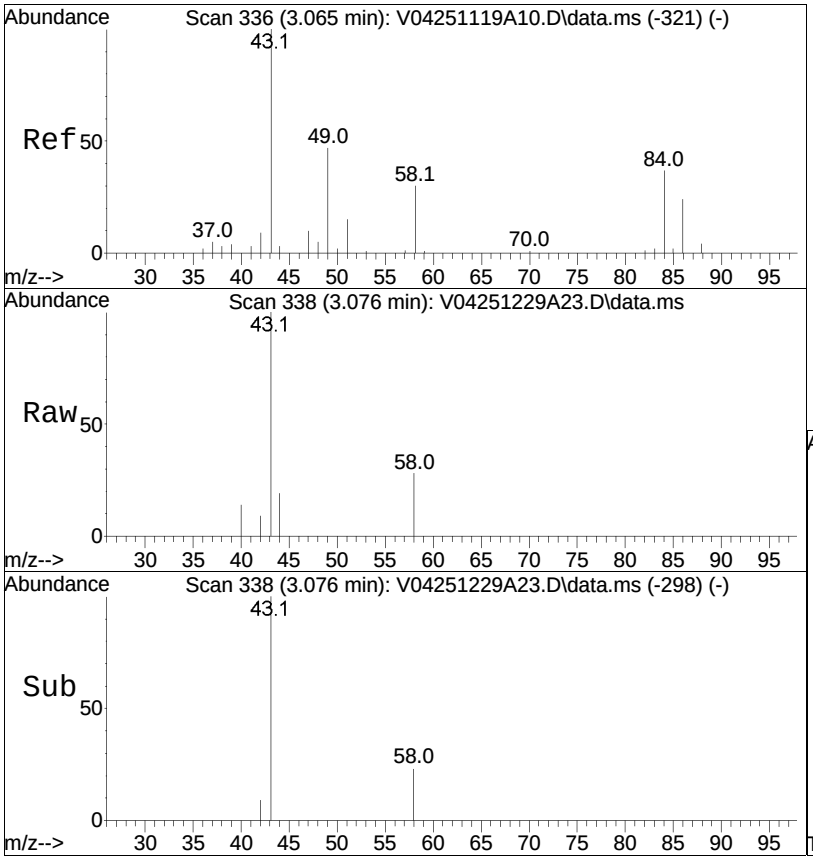


#15
Methylene chloride
Concen: 0.23 ug/L
RT: 3.028 min Scan# 329
Delta R.T. 0.000 min
Lab File: V04251229A23.D
Acq: 29 Dec 2025 3:55 pm

Tgt Ion: 84 Resp: 1296

Ion	Ratio	Lower	Upper
84	100		
86	59.9	41.3	85.9
49	110.7	91.0	189.0

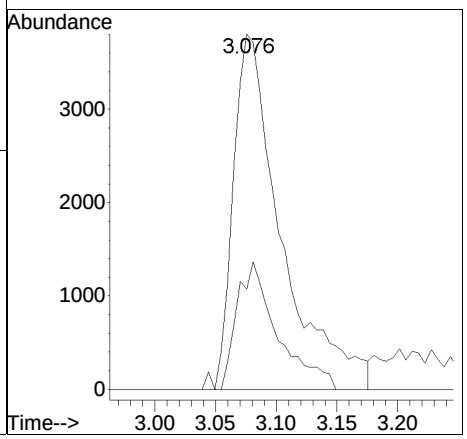


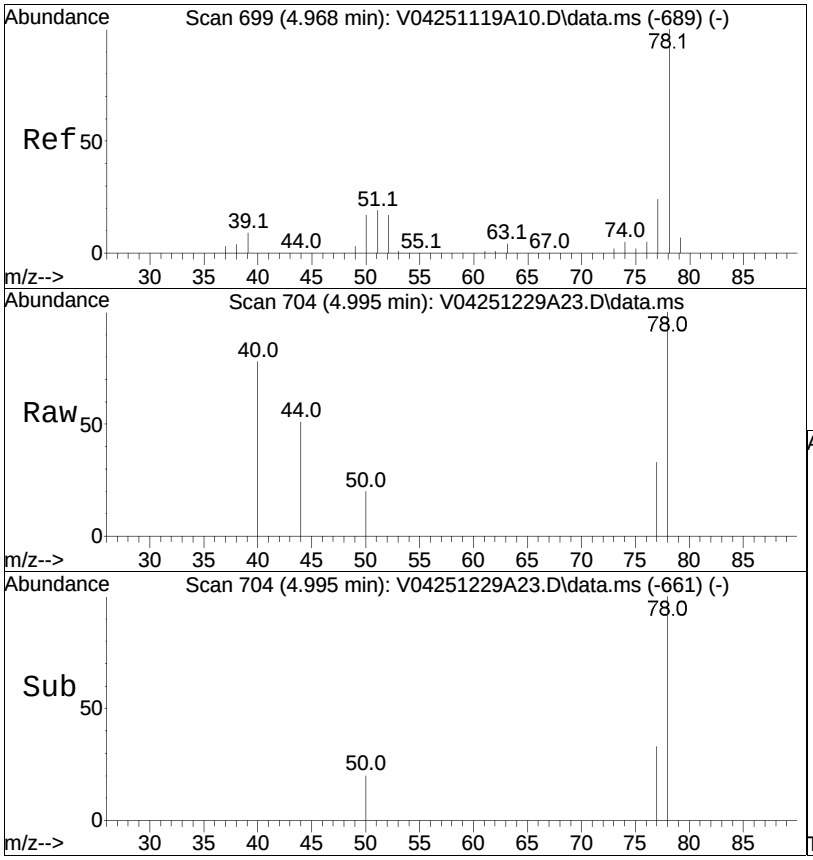


#17
Acetone
Concen: 4.24 ug/L
RT: 3.076 min Scan# 338
Delta R.T. 0.011 min
Lab File: V04251229A23.D
Acq: 29 Dec 2025 3:55 pm

Tgt Ion: 43 Resp: 10492

Ion	Ratio	Lower	Upper
43	100		
58	30.4	23.2	34.8

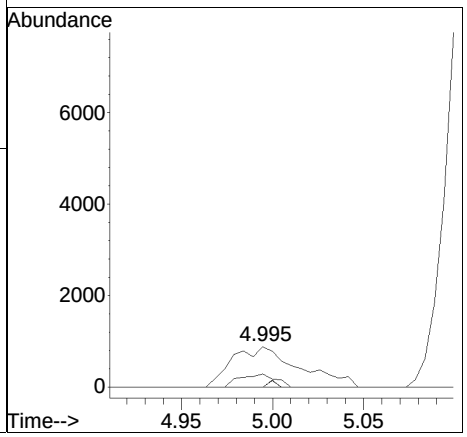


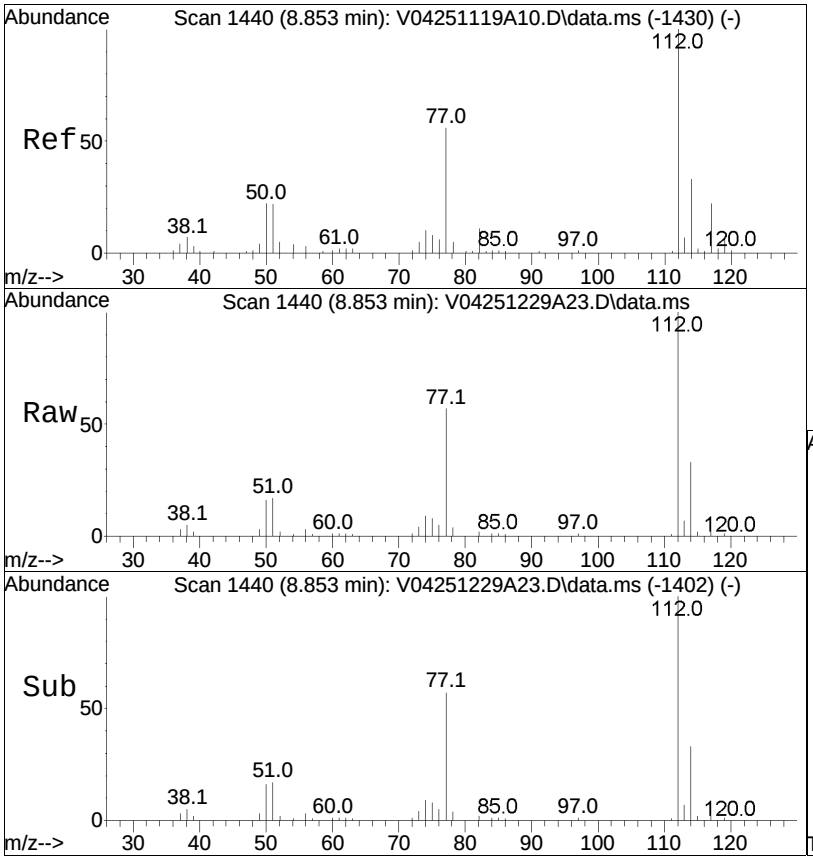


#41
Benzene
Concen: 0.13 ug/L
RT: 4.995 min Scan# 704
Delta R.T. 0.026 min
Lab File: V04251229A23.D
Acq: 29 Dec 2025 3:55 pm

Tgt Ion: 78 Resp: 2304

Ion	Ratio	Lower	Upper
78	100		
77	17.7	15.1	31.3
51	0.0	12.2	25.4#
52	2.0	11.9	24.7#

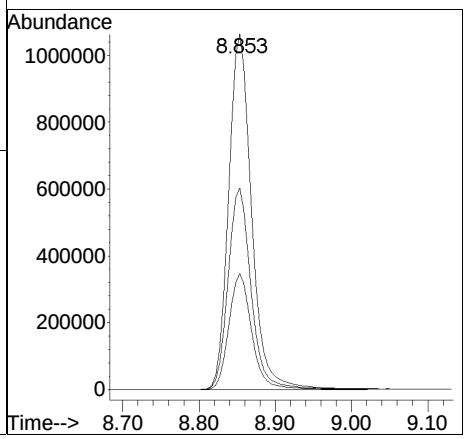




#73
Chlorobenzene
Concen: 181.94 ug/L
RT: 8.853 min Scan# 1440
Delta R.T. 0.000 min
Lab File: V04251229A23.D
Acq: 29 Dec 2025 3:55 pm

Tgt Ion:112 Resp: 2229521

Ion	Ratio	Lower	Upper
112	100		
77	56.8	55.3	82.9
114	32.5	25.5	38.3



Manual Integration Report

Data Path	: K:\VOA104\2025\251229A\	QMethod	: V104_251119A_8260.m
Data File	: V04251229A23.D	Operator	: VOA104:JIC
Date Inj'd	: 12/29/2025 3:55 pm	Instrument	: VOA104
Sample	: l2580856-07,31,5.32,5,,z	Quant Date	: 12/30/2025 8:03 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A23.D
Acq On : 29 Dec 2025 3:55 pm
Operator : VOA104:JIC
Sample : l2580856-07,31,5.32,5,,z
Misc : WG2159734,ICAL22828
ALS Vial : 23 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V04251229A23.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.617	622	632	660	rBV2	134580	312738	4.25%	2.921%
2	5.115	717	727	757	rBV	95626	223651	3.04%	2.089%
3	5.383	767	778	808	rBV	320282	722319	9.82%	6.746%
4	7.024	1082	1091	1132	rBV	382514	862224	11.72%	8.052%
5	8.853	1427	1440	1487	rBV	3256366	7353799	100.00%	68.675%
6	10.400	1721	1735	1783	rBV	216537	531677	7.23%	4.965%
7	11.674	1969	1978	2024	rBV	352391	701649	9.54%	6.553%

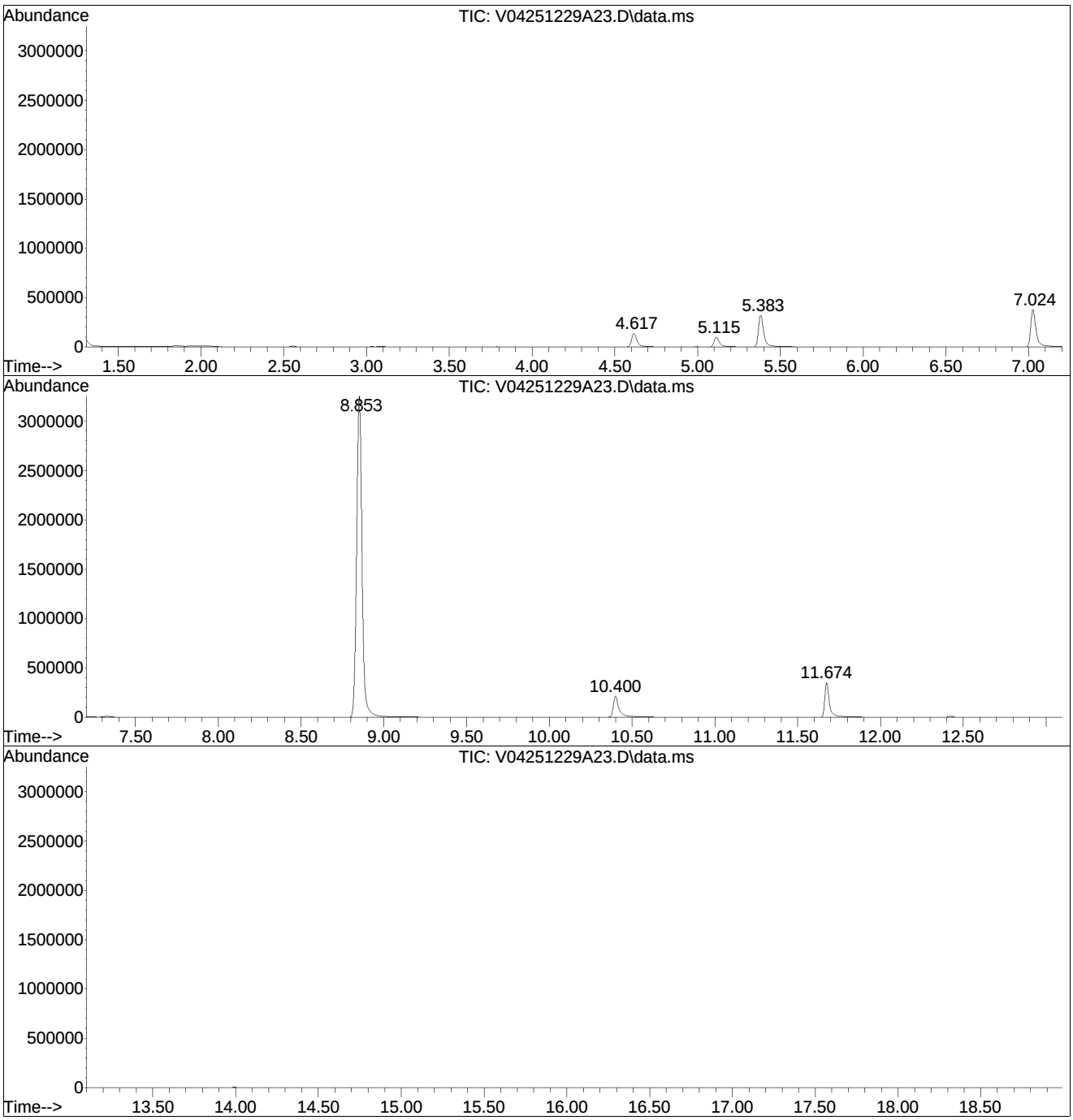
Sum of corrected areas: 10708057

LSC Report - Integrated Chromatogram

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A23.D
Acq On : 29 Dec 2025 3:55 pm
Operator : VOA104:JIC
Sample : l2580856-07,31,5.32,5,,z
Misc : WG2159734,ICAL22828
ALS Vial : 23 Sample Multiplier: 1

Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A23.D
Acq On : 29 Dec 2025 3:55 pm
Operator : VOA104:JIC
Sample : l2580856-07,31,5.32,5,,z
Misc : WG2159734,ICAL22828
ALS Vial : 23 Sample Multiplier: 1

Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A23.D
Acq On : 29 Dec 2025 3:55 pm
Operator : VOA104:JIC
Sample : l2580856-07,31,5.32,5,,z
Misc : WG2159734,ICAL22828
ALS Vial : 23 Sample Multiplier: 1

Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					|--Internal Standard---|		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A24.D
Acq On : 29 Dec 2025 4:21 pm
Operator : VOA104:JIC
Sample : l2580856-04d2,31h,5.48,5,0.05,,x
Misc : WG2160213,ICAL22828
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 30 08:03:43 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251229A\V04251229A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.377	96	367773	20.000 ug/L	0.00
Standard Area 1 = 369388			Recovery = 99.56%		
59) Chlorobenzene-d5	8.832	117	260595	20.000 ug/L	0.00
Standard Area 1 = 254827			Recovery = 102.26%		
79) 1,4-Dichlorobenzene-d4	11.674	152	131193	20.000 ug/L	0.00
Standard Area 1 = 126132			Recovery = 104.01%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.617	113	95538	18.111 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 90.56%		
43) 1,2-Dichloroethane-d4	5.110	65	82382	17.589 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 87.94%		
60) Toluene-d8	7.024	98	346569	20.690 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.45%		
83) 4-Bromofluorobenzene	10.400	95	111809	19.782 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.91%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	1.586	50	184	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.880	94	884	0.233 ug/L #	31
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.541	76	2726	0.162 ug/L #	84
12) Freon-113	0.000		0	N.D.	
15) Methylene chloride	3.023	84	939	0.162 ug/L	88
17) Acetone	3.086	43	1265	Below Cal #	53
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
19) Methyl acetate	3.165	43	183	N.D.	
20) Methyl tert-butyl ether	3.249	73	154	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
31) Cyclohexane	0.000		0	N.D.	
32) Chloroform	4.454	83	384	Below Cal #	43
34) Carbon tetrachloride	0.000		0	N.D.	
37) 1,1,1-Trichloroethane	0.000		0	N.D.	

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A24.D
Acq On : 29 Dec 2025 4:21 pm
Operator : VOA104:JIC
Sample : l2580856-04d2,31h,5.48,5,0.05,,x
Misc : WG2160213,ICAL22828
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 30 08:03:43 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251229A\V04251229A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 2-Butanone	0.000		0	N.D.		
41) Benzene	5.005	78	261	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
47) Methyl cyclohexane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.097	92	49	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	8.853	112	5682610	455.174	ug/L	89
74) Ethylbenzene	8.906	91	306	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
85) n-Propylbenzene	10.657	91	101	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
90) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
94) tert-Butylbenzene	0.000		0	N.D.		
97) 1,2,4-Trimethylbenzene	11.297	105	50	N.D.		
98) sec-Butylbenzene	11.297	105	50	N.D.		
99) p-Isopropyltoluene	0.000		0	N.D.		
100) 1,3-Dichlorobenzene	11.690	146	478	N.D.		
101) 1,4-Dichlorobenzene	11.690	146	478	N.D.		
103) n-Butylbenzene	0.000		0	N.D.		
104) 1,2-Dichlorobenzene	0.000		0	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
110) Naphthalene	0.000		0	N.D.		

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

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A24.D
Acq On : 29 Dec 2025 4:21 pm
Operator : VOA104:JIC
Sample : l2580856-04d2,31h,5.48,5,0.05,,x
Misc : WG2160213,ICAL22828
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 30 08:03:43 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251229A\V04251229A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

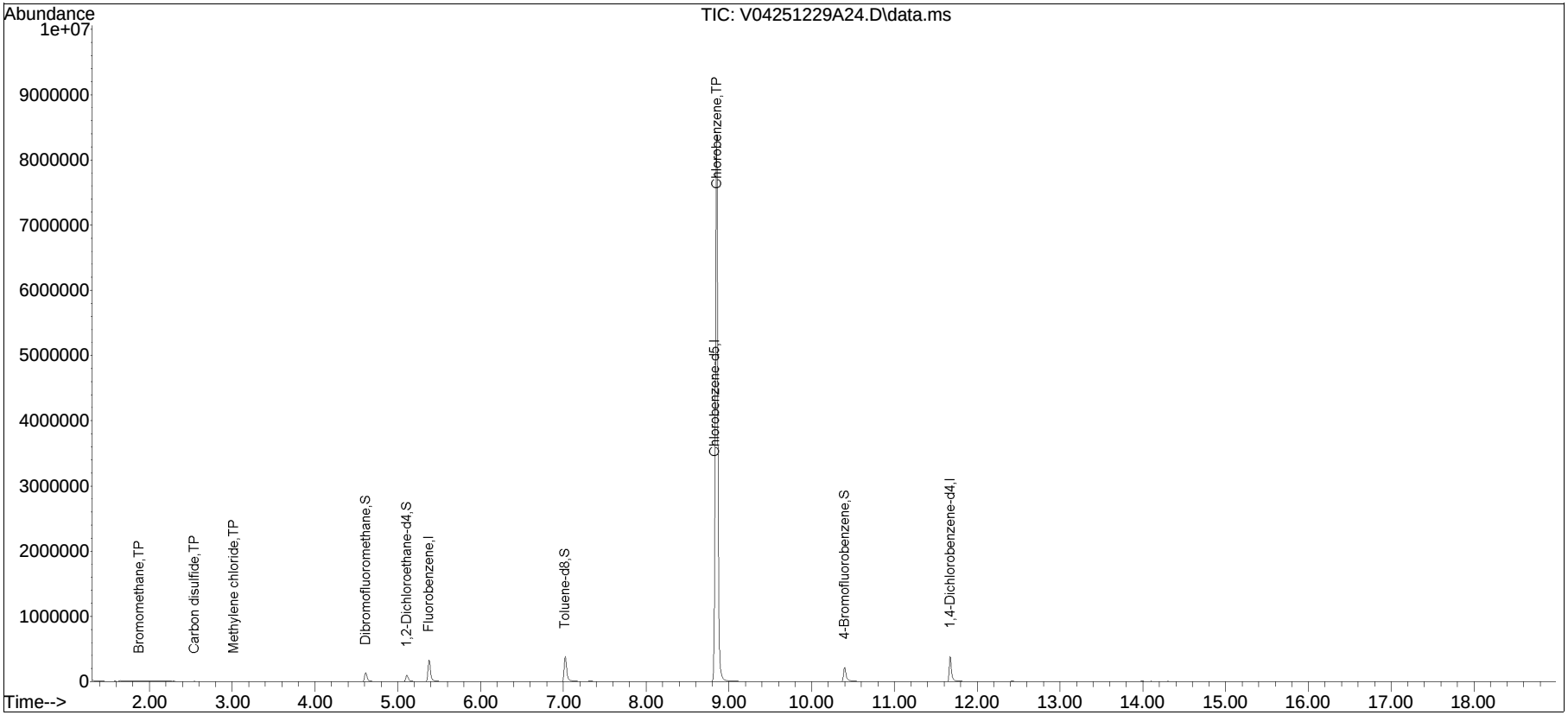
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

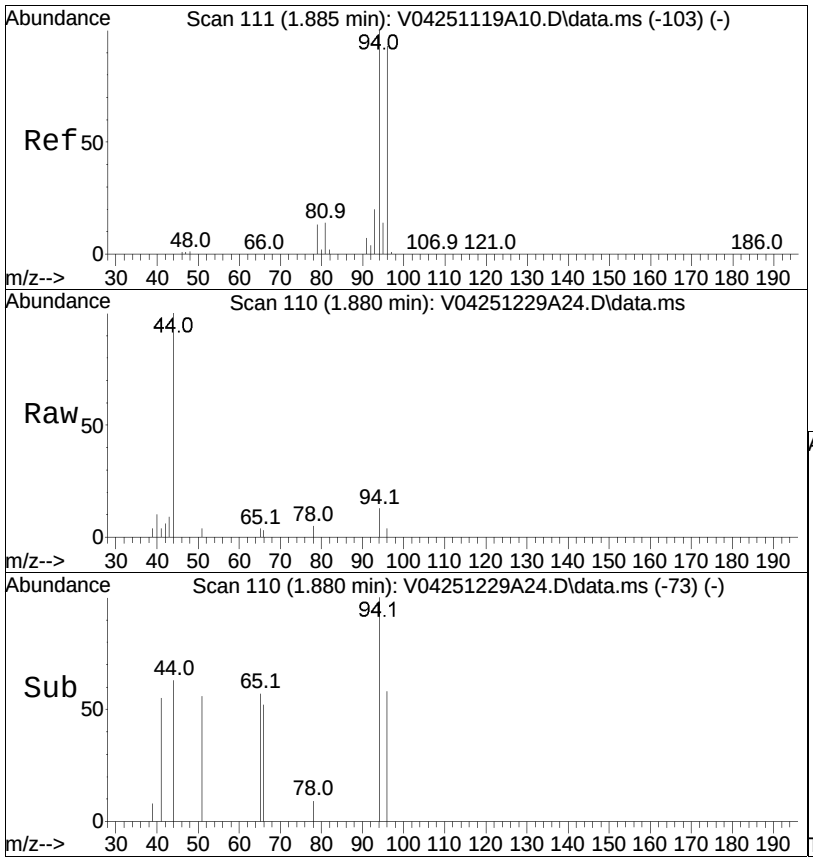
Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A24.D
Acq On : 29 Dec 2025 4:21 pm
Operator : VOA104:JIC
Sample : l2580856-04d2,31h,5.48,5,0.05,,x
Misc : WG2160213,ICAL22828
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 30 08:03:43 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS1229A01.D•

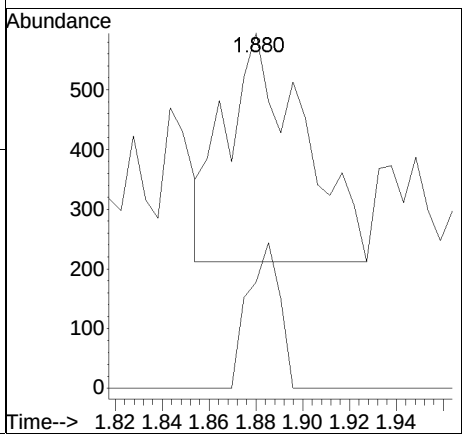


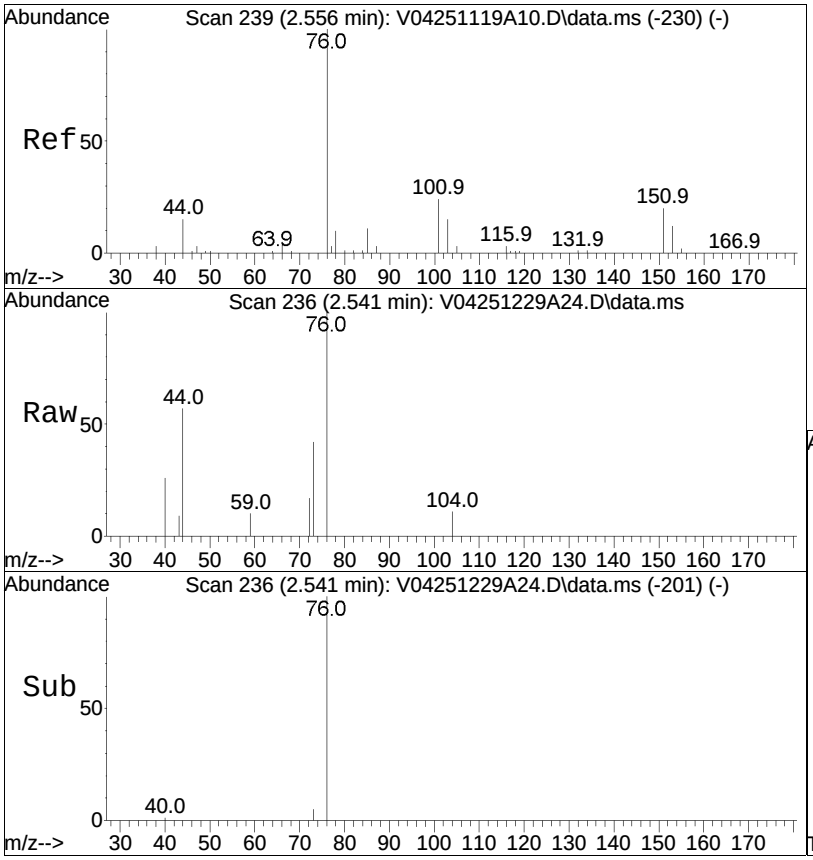


#5
Bromomethane
Concen: 0.23 ug/L
RT: 1.880 min Scan# 110
Delta R.T. -0.005 min
Lab File: V04251229A24.D
Acq: 29 Dec 2025 4:21 pm

Tgt Ion: 94 Resp: 884

Ion	Ratio	Lower	Upper
94	100		
96	25.8	71.0	111.0#

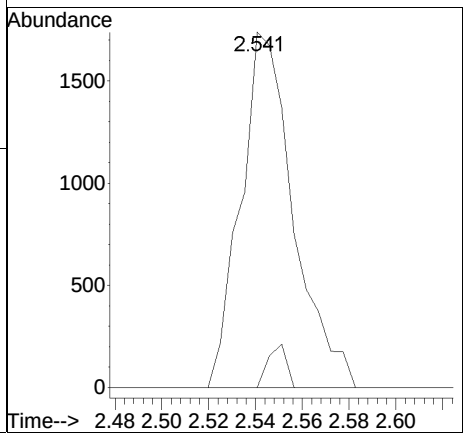


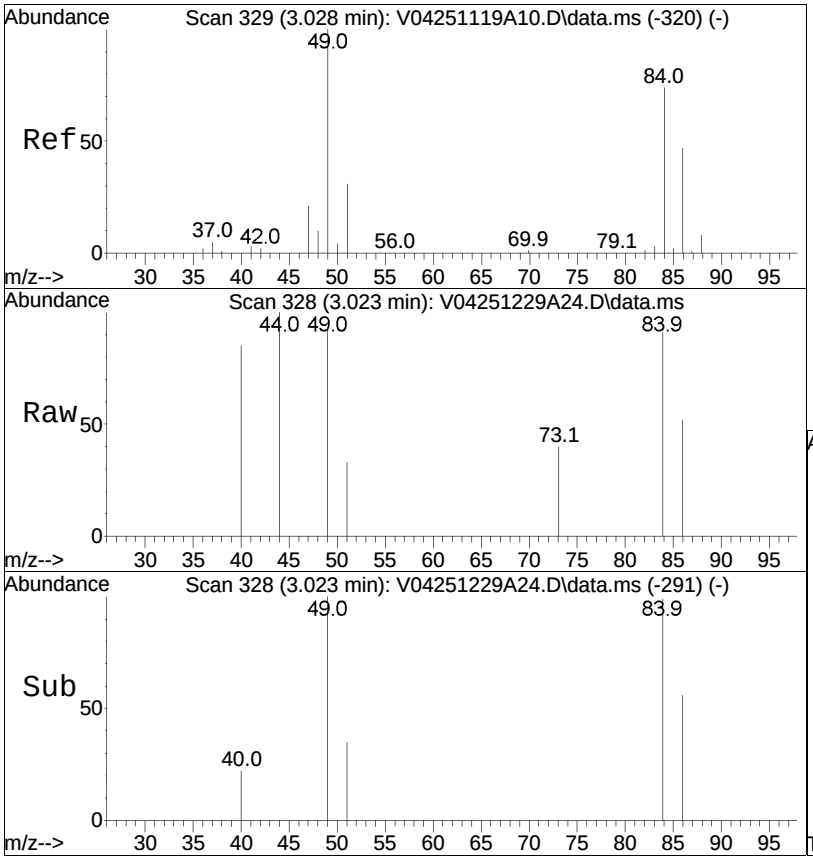


#11
Carbon disulfide
Concen: 0.16 ug/L
RT: 2.541 min Scan# 236
Delta R.T. -0.016 min
Lab File: V04251229A24.D
Acq: 29 Dec 2025 4:21 pm

Tgt Ion: 76 Resp: 2726

Ion	Ratio	Lower	Upper
76	100		
78	4.2	6.6	13.8#

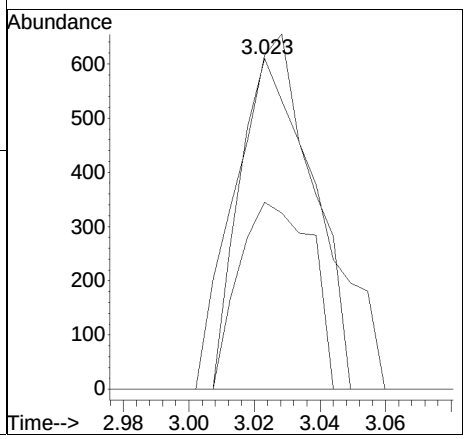


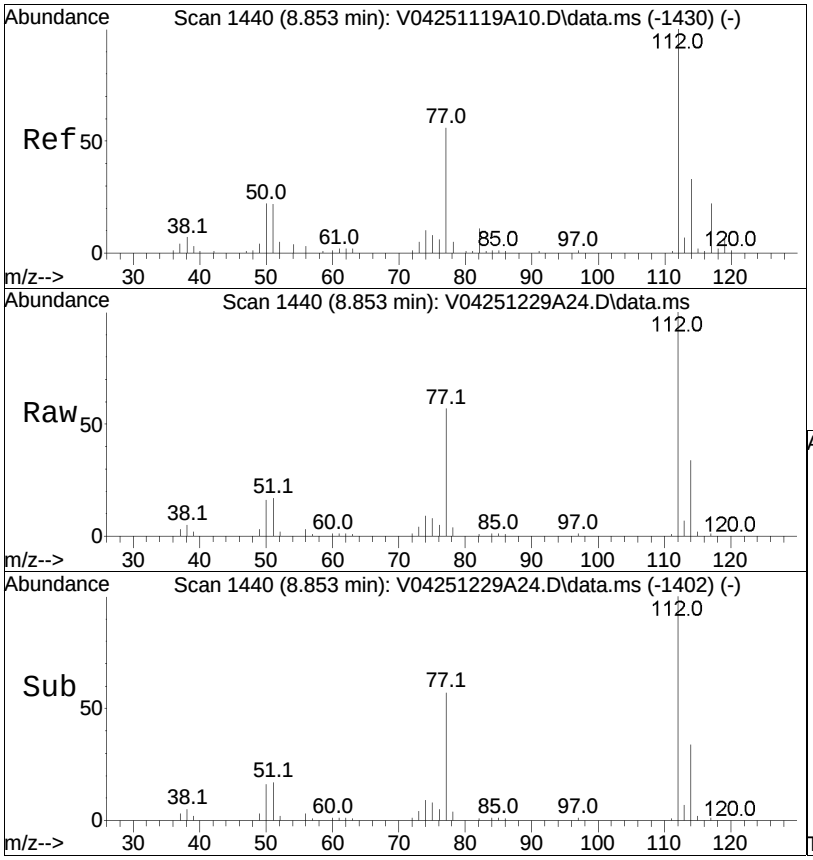


#15
Methylene chloride
Concen: 0.16 ug/L
RT: 3.023 min Scan# 328
Delta R.T. -0.005 min
Lab File: V04251229A24.D
Acq: 29 Dec 2025 4:21 pm

Tgt Ion: 84 Resp: 939

Ion	Ratio	Lower	Upper
84	100		
86	56.5	41.3	85.9
49	124.4	91.0	189.0

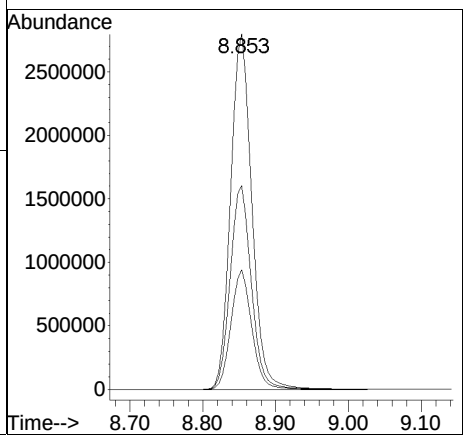




#73
Chlorobenzene
Concen: 455.17 ug/L
RT: 8.853 min Scan# 1440
Delta R.T. -0.000 min
Lab File: V04251229A24.D
Acq: 29 Dec 2025 4:21 pm

Tgt Ion:112 Resp: 5682610

Ion	Ratio	Lower	Upper
112	100		
77	57.1	55.3	82.9
114	33.0	25.5	38.3



Manual Integration Report

Data Path	: K:\VOA104\2025\251229A\	QMethod	: V104_251119A_8260.m
Data File	: V04251229A24.D	Operator	: VOA104:JIC
Date Inj'd	: 12/29/2025 4:21 pm	Instrument	: VOA104
Sample	: l2580856-04d2,31h,5.48,5,0	Quant Date	: 12/30/2025 8:03 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A24.D
Acq On : 29 Dec 2025 4:21 pm
Operator : VOA104:JIC
Sample : l2580856-04d2,31h,5.48,5,0.05,,x
Misc : WG2160213,ICAL22828
ALS Vial : 24 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V04251229A24.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.377	769	777	806	rBV	332811	734504	4.18%	3.584%
2	7.024	1079	1091	1136	rBV	383797	879220	5.00%	4.290%
3	8.853	1427	1440	1494	rBV	8388481	17590971	100.00%	85.826%
4	10.400	1723	1735	1780	rBV	217495	541631	3.08%	2.643%
5	11.674	1970	1978	2014	rBV	388574	749815	4.26%	3.658%

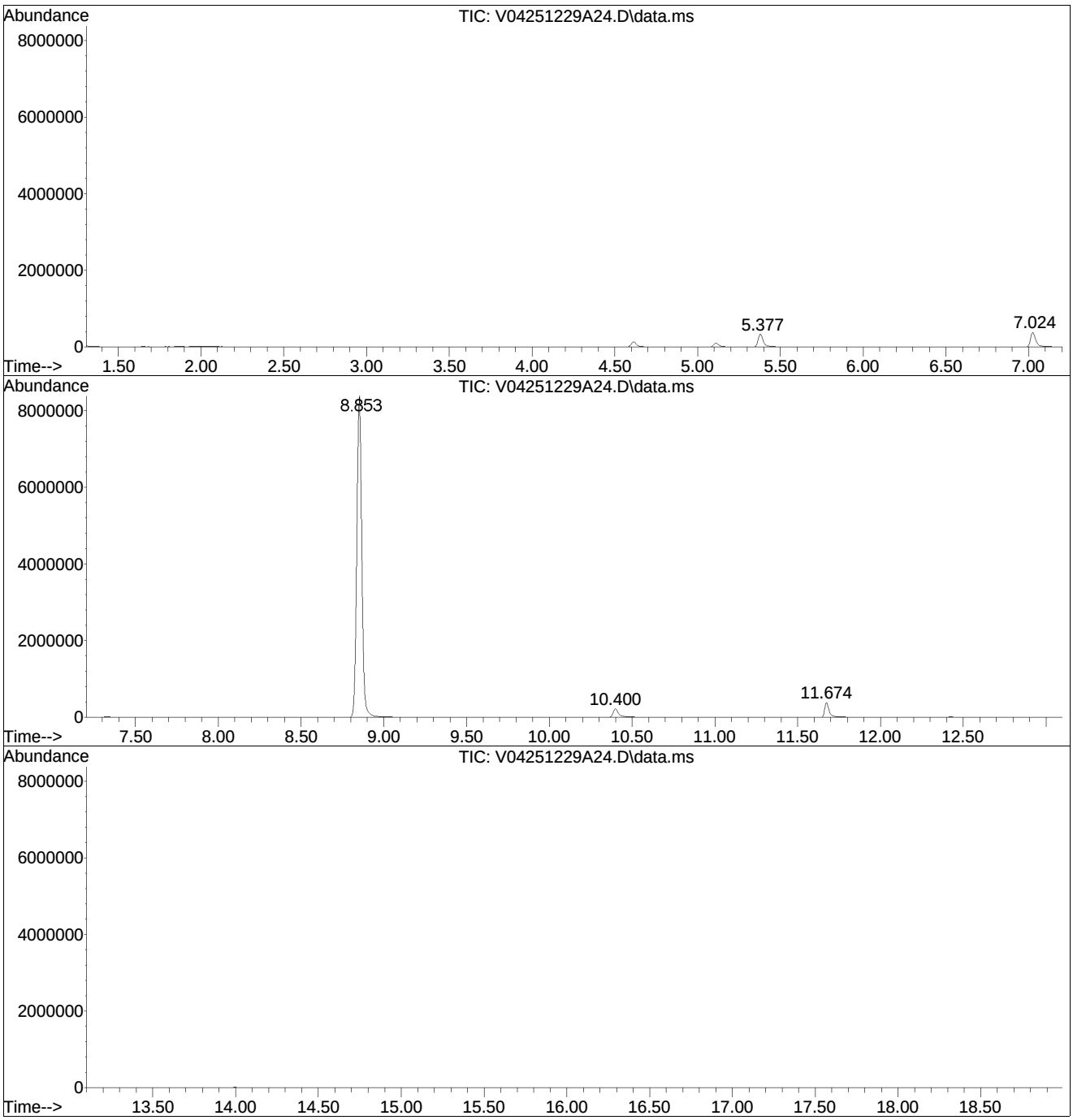
Sum of corrected areas: 20496141

LSC Report - Integrated Chromatogram

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A24.D
Acq On : 29 Dec 2025 4:21 pm
Operator : VOA104:JIC
Sample : l2580856-04d2,31h,5.48,5,0.05,,x
Misc : WG2160213,ICAL22828
ALS Vial : 24 Sample Multiplier: 1

Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A24.D
Acq On : 29 Dec 2025 4:21 pm
Operator : VOA104:JIC
Sample : l2580856-04d2,31h,5.48,5,0.05,,x
Misc : WG2160213,ICAL22828
ALS Vial : 24 Sample Multiplier: 1

Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A24.D
Acq On : 29 Dec 2025 4:21 pm
Operator : VOA104:JIC
Sample : l2580856-04d2,31h,5.48,5,0.05,,x
Misc : WG2160213,ICAL22828
ALS Vial : 24 Sample Multiplier: 1

Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A25.D
Acq On : 29 Dec 2025 4:48 pm
Operator : VOA104:JIC
Sample : l2580856-06d2,31h,5.29,5,0.02,,x
Misc : WG2160213,ICAL22828
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 30 08:03:48 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251229A\V04251229A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.383	96	356548	20.000 ug/L	0.00
Standard Area 1 = 369388			Recovery =	96.52%	
59) Chlorobenzene-d5	8.833	117	250651	20.000 ug/L	0.00
Standard Area 1 = 254827			Recovery =	98.36%	
79) 1,4-Dichlorobenzene-d4	11.674	152	123401	20.000 ug/L	0.00
Standard Area 1 = 126132			Recovery =	97.83%	
System Monitoring Compounds					
36) Dibromofluoromethane	4.612	113	91564	17.904 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	89.52%	
43) 1,2-Dichloroethane-d4	5.110	65	80389	17.704 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	88.52%	
60) Toluene-d8	7.024	98	336640	20.894 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	104.47%	
83) 4-Bromofluorobenzene	10.400	95	109490	20.595 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	102.97%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	1.581	50	189	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.886	94	205	N.D.	
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.551	76	2166	0.133 ug/L #	88
12) Freon-113	0.000		0	N.D.	
15) Methylene chloride	3.023	84	1089	0.194 ug/L	75
17) Acetone	3.086	43	915	Below Cal #	46
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
19) Methyl acetate	3.175	43	53	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
31) Cyclohexane	0.000		0	N.D.	
32) Chloroform	4.460	83	395	Below Cal #	45
34) Carbon tetrachloride	0.000		0	N.D.	
37) 1,1,1-Trichloroethane	0.000		0	N.D.	

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A25.D
Acq On : 29 Dec 2025 4:48 pm
Operator : VOA104:JIC
Sample : l2580856-06d2,31h,5.29,5,0.02,,x
Misc : WG2160213,ICAL22828
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 30 08:03:48 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251229A\V04251229A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39)	2-Butanone	0.000		0	N.D.		
41)	Benzene	0.000		0	N.D.		
44)	1,2-Dichloroethane	0.000		0	N.D.		
47)	Methyl cyclohexane	5.535	83	47	N.D.		
48)	Trichloroethene	5.556	95	131	N.D.		
51)	1,2-Dichloropropane	0.000		0	N.D.		
54)	Bromodichloromethane	0.000		0	N.D.		
58)	cis-1,3-Dichloropropene	0.000		0	N.D.		
61)	Toluene	0.000		0	N.D.		
62)	4-Methyl-2-pentanone	0.000		0	N.D.		
63)	Tetrachloroethene	0.000		0	N.D.		
65)	trans-1,3-Dichloropropene	0.000		0	N.D.		
68)	1,1,2-Trichloroethane	0.000		0	N.D.		
69)	Chlorodibromomethane	0.000		0	N.D.		
71)	1,2-Dibromoethane	0.000		0	N.D.		
72)	2-Hexanone	0.000		0	N.D.		
73)	Chlorobenzene	8.854	112	5374968	447.612	ug/L	89
74)	Ethylbenzene	8.911	91	630	N.D.		
76)	p/m Xylene	0.000		0	N.D.		
77)	o Xylene	0.000		0	N.D.		
78)	Styrene	0.000		0	N.D.		
80)	Bromoform	0.000		0	N.D.		
82)	Isopropylbenzene	0.000		0	N.D.		
85)	n-Propylbenzene	10.652	91	67	N.D.		
87)	1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
90)	1,3,5-Trimethylbenzene	0.000		0	N.D.		
94)	tert-Butylbenzene	0.000		0	N.D.		
97)	1,2,4-Trimethylbenzene	0.000		0	N.D.		
98)	sec-Butylbenzene	0.000		0	N.D.		
99)	p-Isopropyltoluene	0.000		0	N.D.		
100)	1,3-Dichlorobenzene	11.685	146	144	N.D.		
101)	1,4-Dichlorobenzene	11.685	146	144	N.D.		
103)	n-Butylbenzene	0.000		0	N.D.		
104)	1,2-Dichlorobenzene	0.000		0	N.D.		
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109)	1,2,4-Trichlorobenzene	0.000		0	N.D.		
110)	Naphthalene	0.000		0	N.D.		

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

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A25.D
Acq On : 29 Dec 2025 4:48 pm
Operator : VOA104:JIC
Sample : l2580856-06d2,31h,5.29,5,0.02,,x
Misc : WG2160213,ICAL22828
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 30 08:03:48 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251229A\V04251229A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

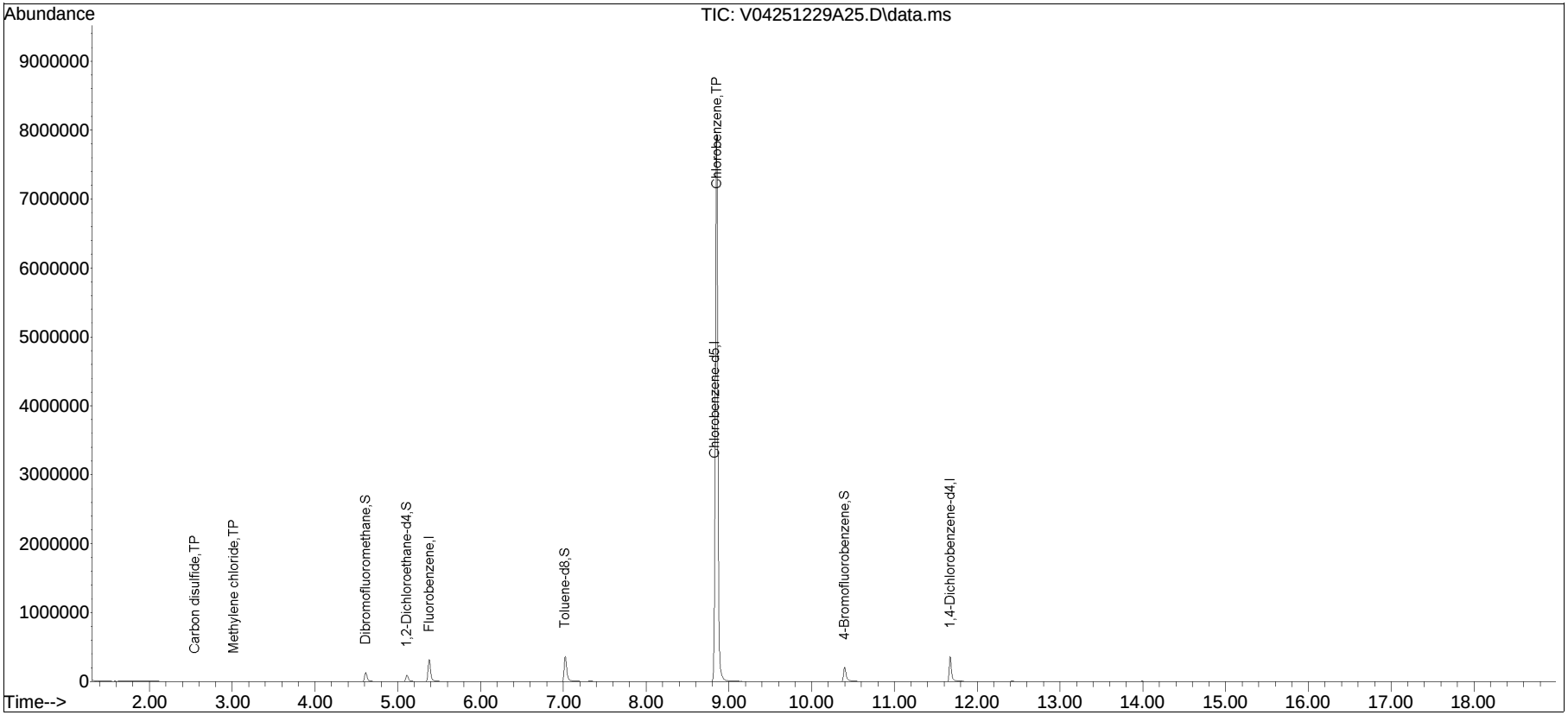
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

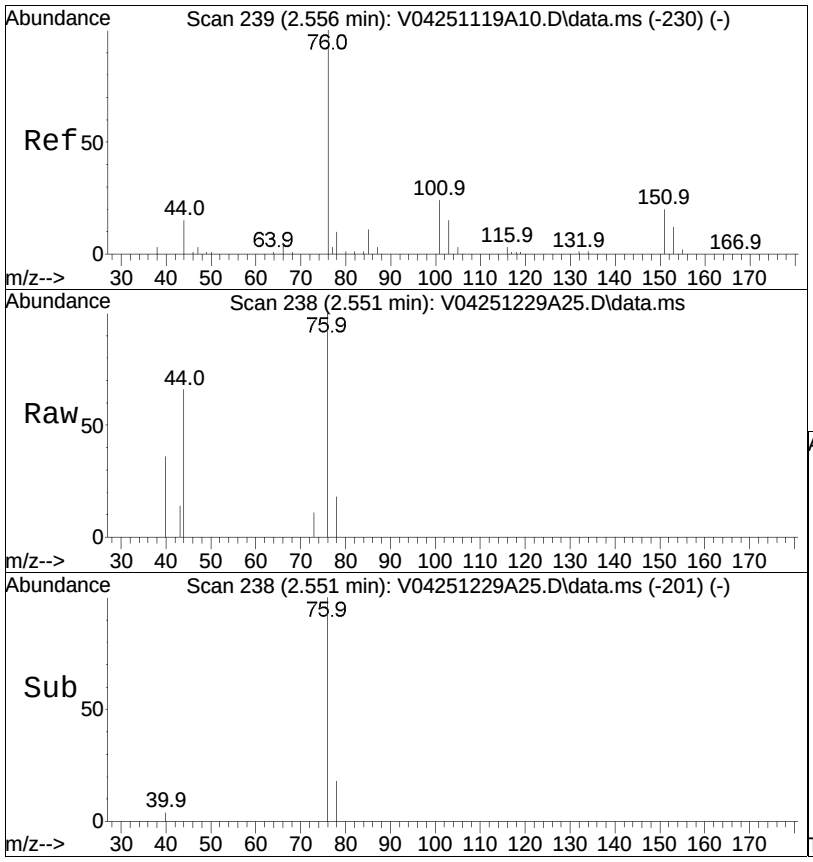
Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A25.D
Acq On : 29 Dec 2025 4:48 pm
Operator : VOA104:JIC
Sample : l2580856-06d2,31h,5.29,5,0.02,,x
Misc : WG2160213,ICAL22828
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 30 08:03:48 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS1229A01.D•

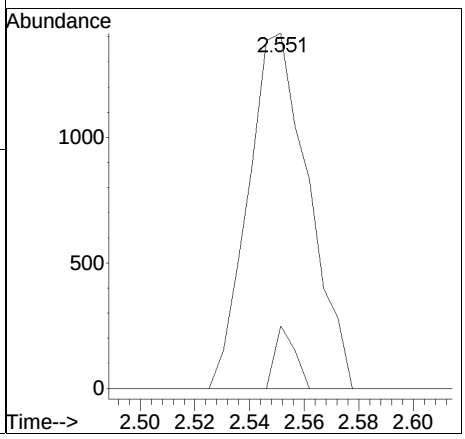


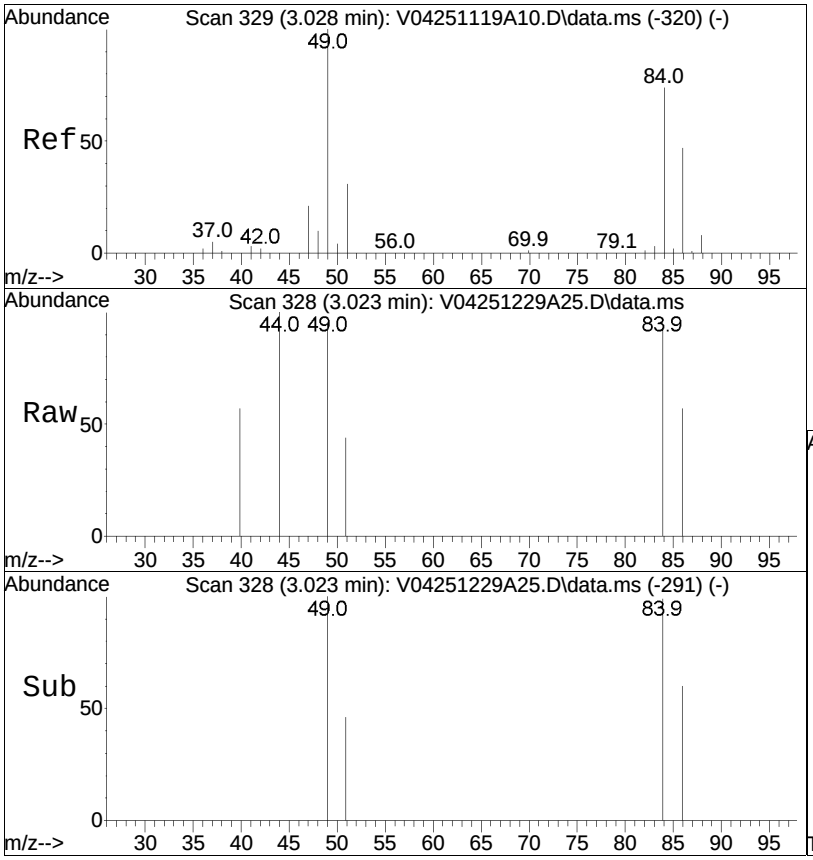


#11
Carbon disulfide
Concen: 0.13 ug/L
RT: 2.551 min Scan# 238
Delta R.T. -0.005 min
Lab File: V04251229A25.D
Acq: 29 Dec 2025 4:48 pm

Tgt Ion: 76 Resp: 2166

Ion	Ratio	Lower	Upper
76	100		
78	5.8	6.6	13.8#

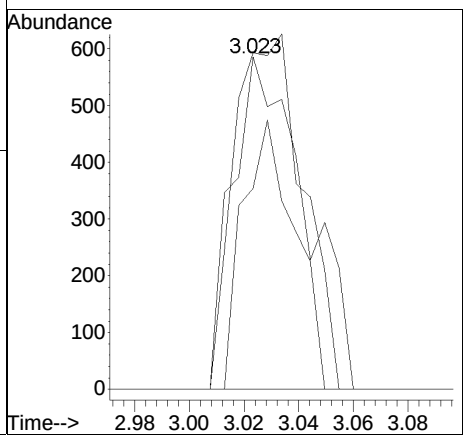


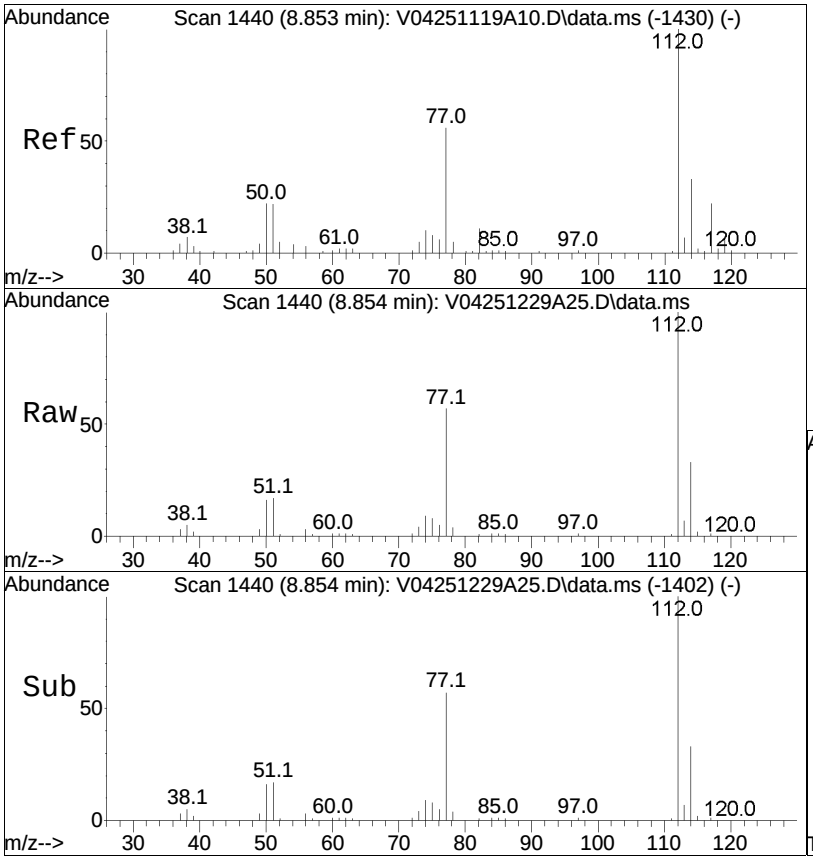


#15
Methylene chloride
Concen: 0.19 ug/L
RT: 3.023 min Scan# 328
Delta R.T. -0.005 min
Lab File: V04251229A25.D
Acq: 29 Dec 2025 4:48 pm

Tgt Ion: 84 Resp: 1089

Ion	Ratio	Lower	Upper
84	100		
86	57.4	41.3	85.9
49	100.4	91.0	189.0

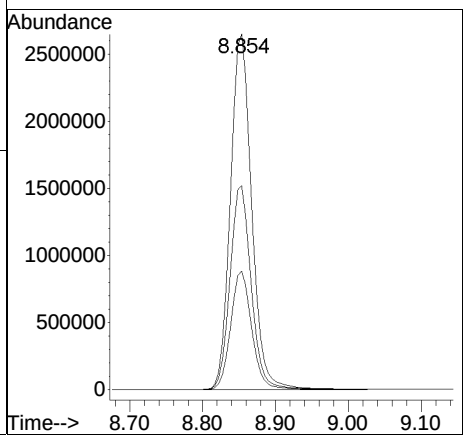




#73
Chlorobenzene
Concen: 447.61 ug/L
RT: 8.854 min Scan# 1440
Delta R.T. 0.000 min
Lab File: V04251229A25.D
Acq: 29 Dec 2025 4:48 pm

Tgt Ion:112 Resp: 5374968

Ion	Ratio	Lower	Upper
112	100		
77	57.0	55.3	82.9
114	32.9	25.5	38.3



Manual Integration Report

Data Path	: K:\VOA104\2025\251229A\	QMethod	: V104_251119A_8260.m
Data File	: V04251229A25.D	Operator	: VOA104:JIC
Date Inj'd	: 12/29/2025 4:48 pm	Instrument	: VOA104
Sample	: l2580856-06d2,31h,5.29,5,0	Quant Date	: 12/30/2025 8:03 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A25.D
Acq On : 29 Dec 2025 4:48 pm
Operator : VOA104:JIC
Sample : l2580856-06d2,31h,5.29,5,0.02,,x
Misc : WG2160213,ICAL22828
ALS Vial : 25 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V04251229A25.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.377	767	777	809	rBV	317185	712402	4.28%	3.664%
2	7.024	1080	1091	1132	rBV	370179	847714	5.09%	4.360%
3	8.854	1427	1440	1487	rBV	7936055	16649848	100.00%	85.643%
4	10.400	1718	1735	1777	rBV2	204288	519781	3.12%	2.674%
5	11.674	1969	1978	2015	rBV	367226	711207	4.27%	3.658%

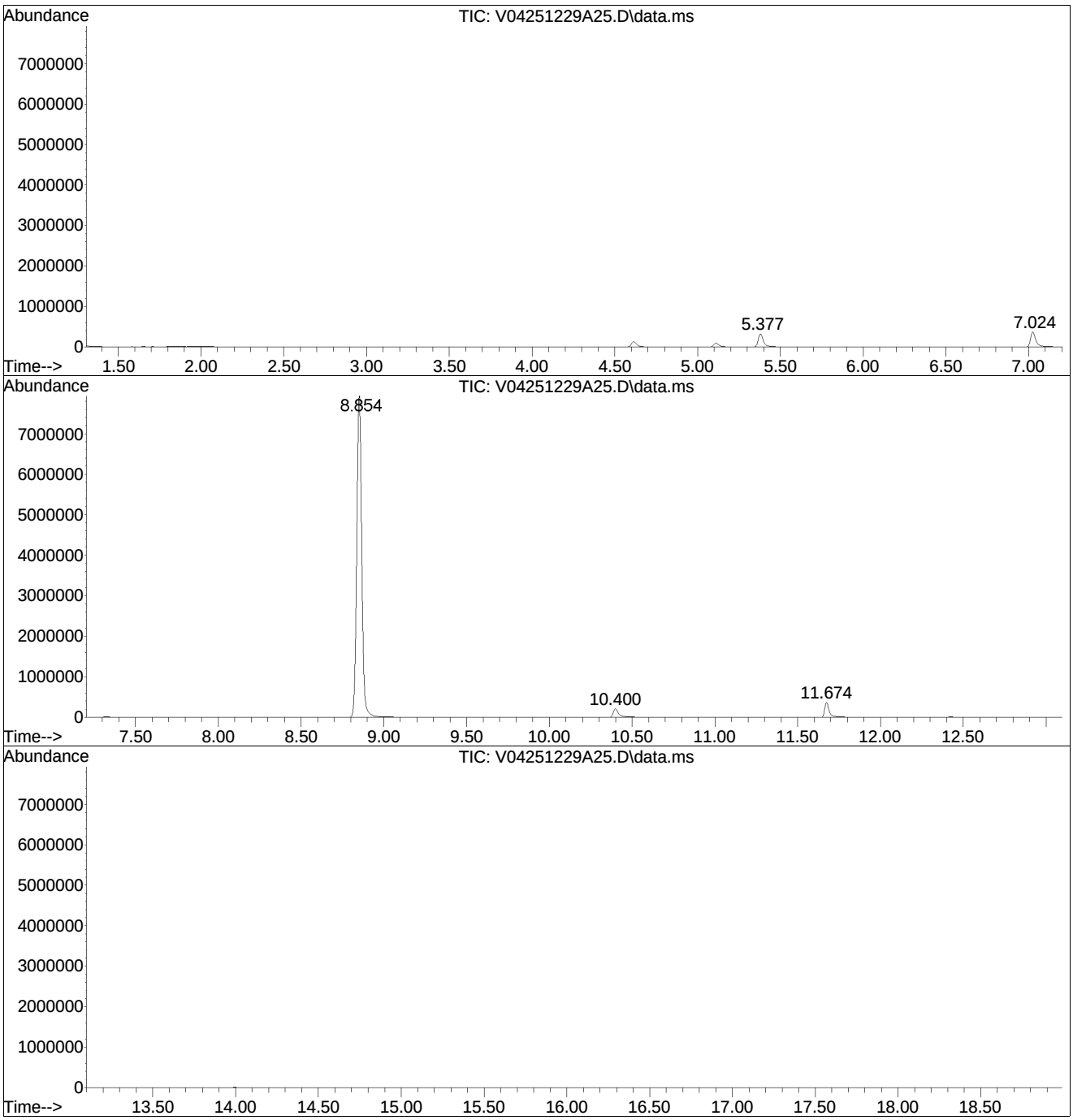
Sum of corrected areas: 19440952

LSC Report - Integrated Chromatogram

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A25.D
Acq On : 29 Dec 2025 4:48 pm
Operator : VOA104:JIC
Sample : l2580856-06d2,31h,5.29,5,0.02,,x
Misc : WG2160213,ICAL22828
ALS Vial : 25 Sample Multiplier: 1

Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A25.D
Acq On : 29 Dec 2025 4:48 pm
Operator : VOA104:JIC
Sample : l2580856-06d2,31h,5.29,5,0.02,,x
Misc : WG2160213,ICAL22828
ALS Vial : 25 Sample Multiplier: 1

Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A25.D
Acq On : 29 Dec 2025 4:48 pm
Operator : VOA104:JIC
Sample : l2580856-06d2,31h,5.29,5,0.02,,x
Misc : WG2160213,ICAL22828
ALS Vial : 25 Sample Multiplier: 1

Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A13.D
Acq On : 31 Dec 2025 12:33 pm
Operator : VOA123:BAD
Sample : l2580856-11d2,31h,6.32,5,0.04,,x
Misc : WG2160756,ICAL22792
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 02 10:12:13 2026
Quant Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251231A\V23251231A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.523	96	168128	20.000	ug/L	0.00
Standard Area 1 = 133028			Recovery = 126.39%			
59) Chlorobenzene-d5	8.989	117	128049	20.000	ug/L	0.00
Standard Area 1 = 99393			Recovery = 128.83%			
79) 1,4-Dichlorobenzene-d4	11.803	152	71767	20.000	ug/L	0.00
Standard Area 1 = 56524			Recovery = 126.97%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.737	113	41713	19.697	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.48%			
43) 1,2-Dichloroethane-d4	5.239	65	43547	20.089	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.44%			
60) Toluene-d8	7.174	98	156752	18.102	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 90.51%			
83) 4-Bromofluorobenzene	10.543	95	57594	17.950	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 89.75%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.315	85	26	N.D.		
3) Chloromethane	0.000		0	N.D. d		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	0.000		0	N.D. d		
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.130	84	825	0.363	ug/L	75
17) Acetone	3.181	43	153	Below Cal		94
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	3.359	43	33	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	4.580	83	701M3	0.152	ug/L	
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A13.D
Acq On : 31 Dec 2025 12:33 pm
Operator : VOA123:BAD
Sample : l2580856-11d2,31h,6.32,5,0.04,,x
Misc : WG2160756,ICAL22792
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 02 10:12:13 2026
Quant Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251231A\V23251231A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) 2-Butanone	0.000		0	N.D.			
41) Benzene	0.000		0	N.D.			
44) 1,2-Dichloroethane	0.000		0	N.D.			
47) Methyl cyclohexane	0.000		0	N.D.			
48) Trichloroethene	0.000		0	N.D.			
51) 1,2-Dichloropropane	0.000		0	N.D.			
54) Bromodichloromethane	0.000		0	N.D.			
58) cis-1,3-Dichloropropene	0.000		0	N.D.			
61) Toluene	7.232	92	1591M1	0.292	ug/L		
62) 4-Methyl-2-pentanone	0.000		0	N.D.			
63) Tetrachloroethene	7.684	166	30	N.D.			
65) trans-1,3-Dichloropropene	0.000		0	N.D.			
68) 1,1,2-Trichloroethane	0.000		0	N.D.	d		
69) Chlorodibromomethane	0.000		0	N.D.			
71) 1,2-Dibromoethane	0.000		0	N.D.			
72) 2-Hexanone	8.521	43	30	N.D.			
73) Chlorobenzene	9.012	112	2686215	431.818	ug/L	#	88
74) Ethylbenzene	9.065	91	4389	0.407	ug/L		94
76) p/m Xylene	9.251	106	1492	0.370	ug/L	#	63
77) o Xylene	9.809	106	1026M3	0.252	ug/L		
78) Styrene	0.000		0	N.D.			
80) Bromoform	0.000		0	N.D.			
82) Isopropylbenzene	10.205	105	259	N.D.			
85) n-Propylbenzene	10.729	91	2094	0.164	ug/L	#	68
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	d		
90) 1,3,5-Trimethylbenzene	10.955	105	8390M1	0.887	ug/L		
94) tert-Butylbenzene	0.000		0	N.D.	d		
97) 1,2,4-Trimethylbenzene	11.393	105	23335	2.483	ug/L		100
98) sec-Butylbenzene	11.502	105	4606	0.389	ug/L		96
99) p-Isopropyltoluene	11.664	119	3708	0.362	ug/L		97
100) 1,3-Dichlorobenzene	11.722	146	56382	10.283	ug/L		97
101) 1,4-Dichlorobenzene	11.817	146	518966	92.383	ug/L		99
103) n-Butylbenzene	12.113	91	4406	0.479	ug/L	#	80
104) 1,2-Dichlorobenzene	12.249	146	308121	59.951	ug/L		99
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.			
109) 1,2,4-Trichlorobenzene	13.688	180	38626	10.429	ug/L		97
110) Naphthalene	13.989	128	21232	2.991	ug/L		100

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

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A13.D
Acq On : 31 Dec 2025 12:33 pm
Operator : VOA123:BAD
Sample : l2580856-11d2,31h,6.32,5,0.04,,x
Misc : WG2160756,ICAL22792
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 02 10:12:13 2026
Quant Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251231A\V23251231A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

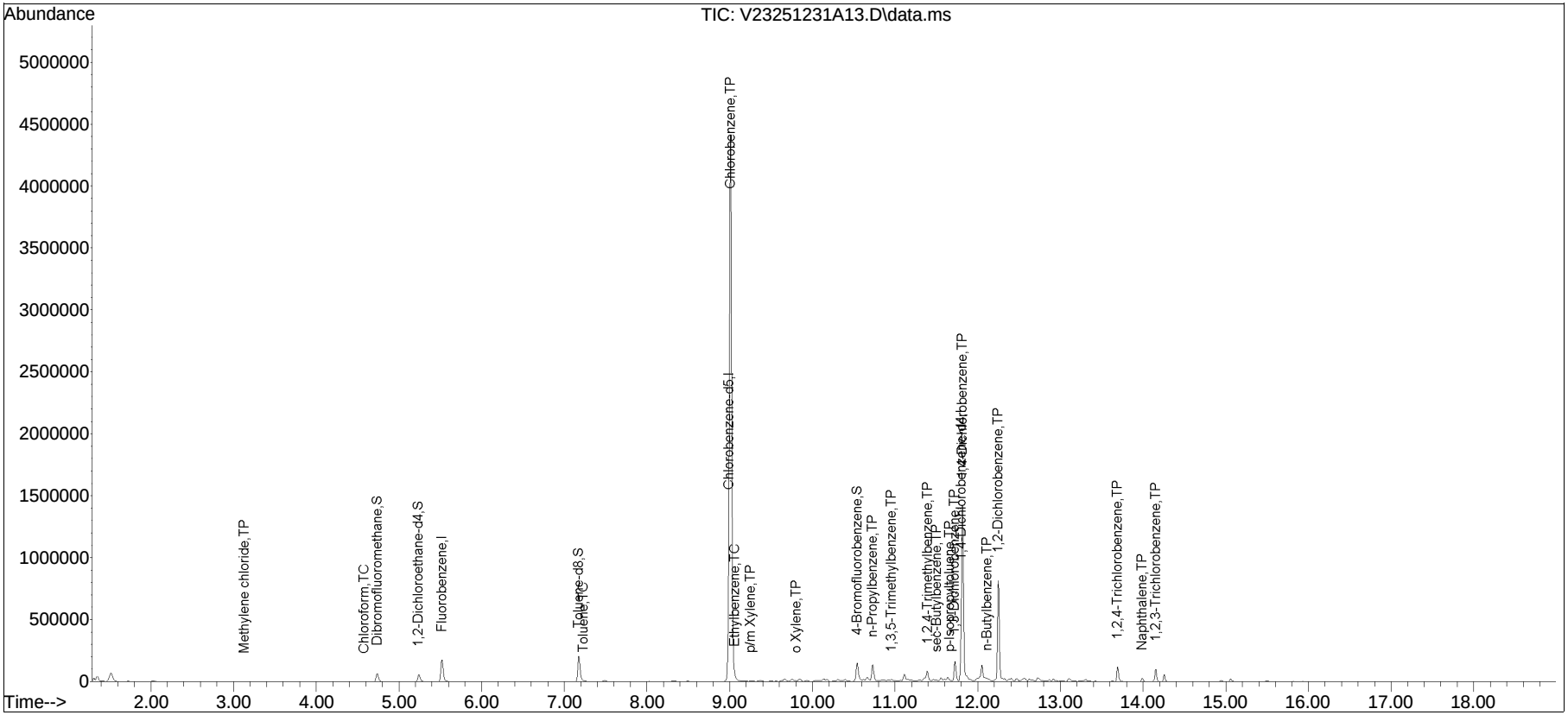
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

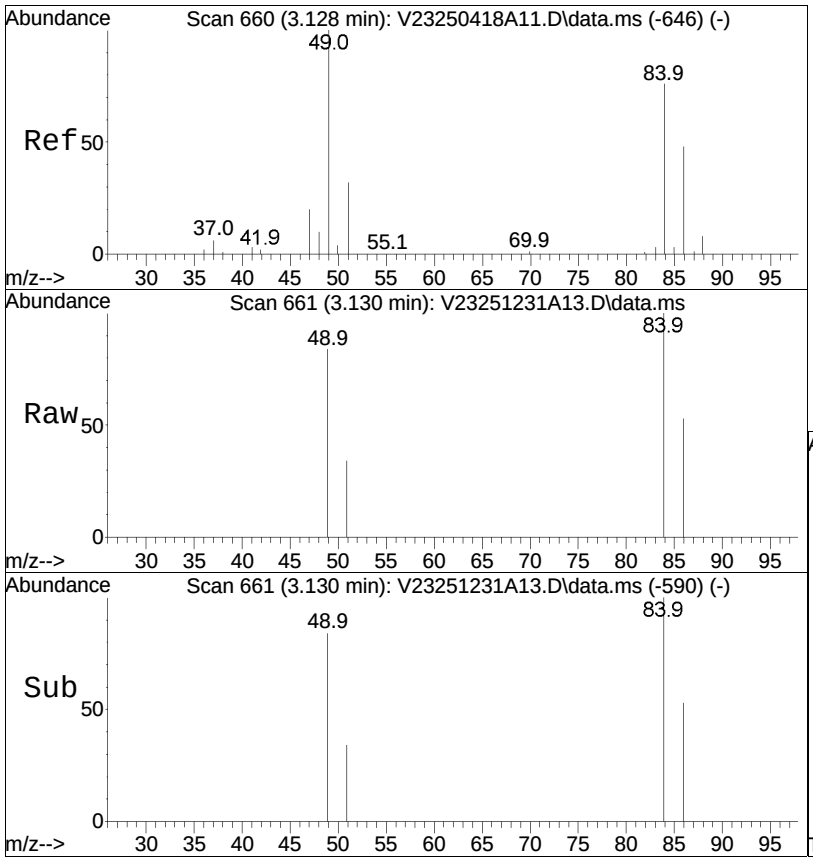
Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A13.D
Acq On : 31 Dec 2025 12:33 pm
Operator : VOA123:BAD
Sample : l2580856-11d2,31h,6.32,5,0.04,,x
Misc : WG2160756,ICAL22792
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 02 10:12:13 2026
Quant Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS1231A01.D•

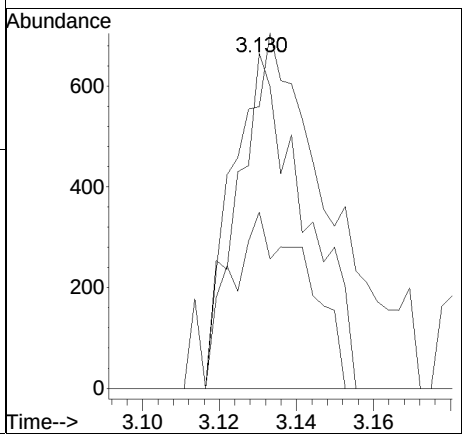


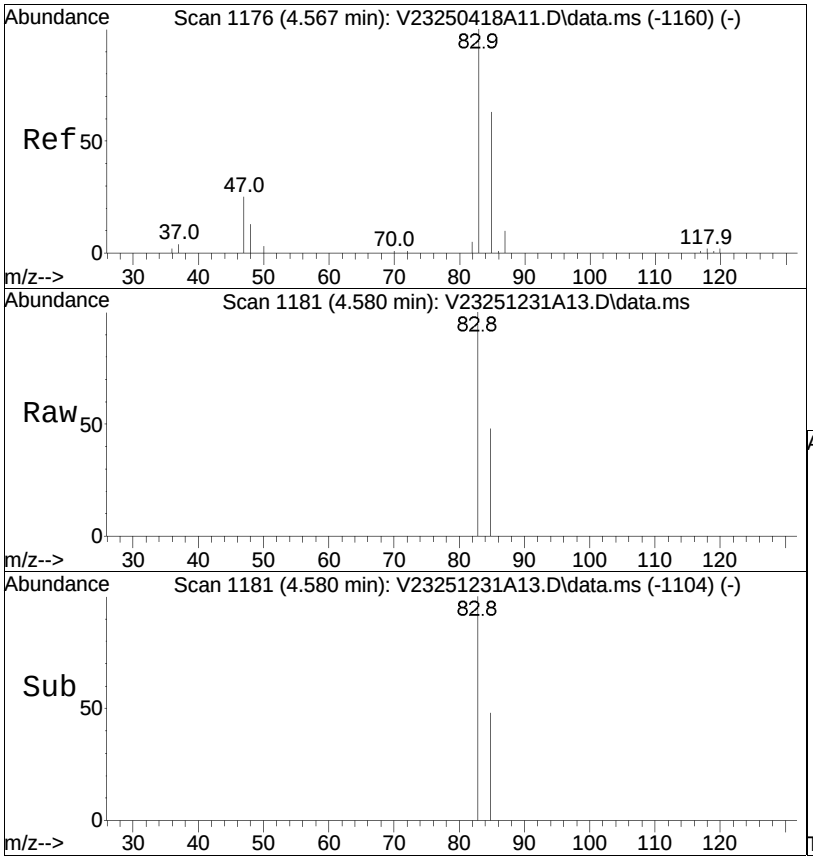


#15
Methylene chloride
Concen: 0.36 ug/L
RT: 3.130 min Scan# 661
Delta R.T. -0.003 min
Lab File: V23251231A13.D
Acq: 31 Dec 2025 12:33 pm

Tgt Ion: 84 Resp: 825

Ion	Ratio	Lower	Upper
84	100		
86	58.1	42.0	87.2
49	151.6	74.0	153.6

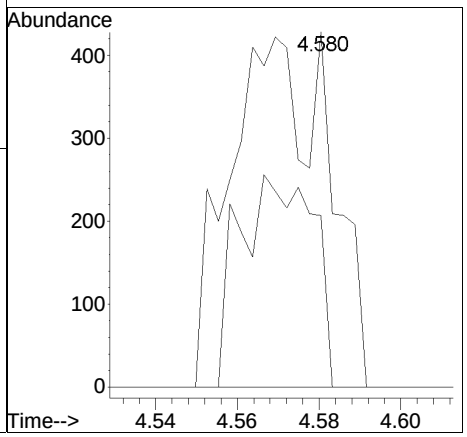


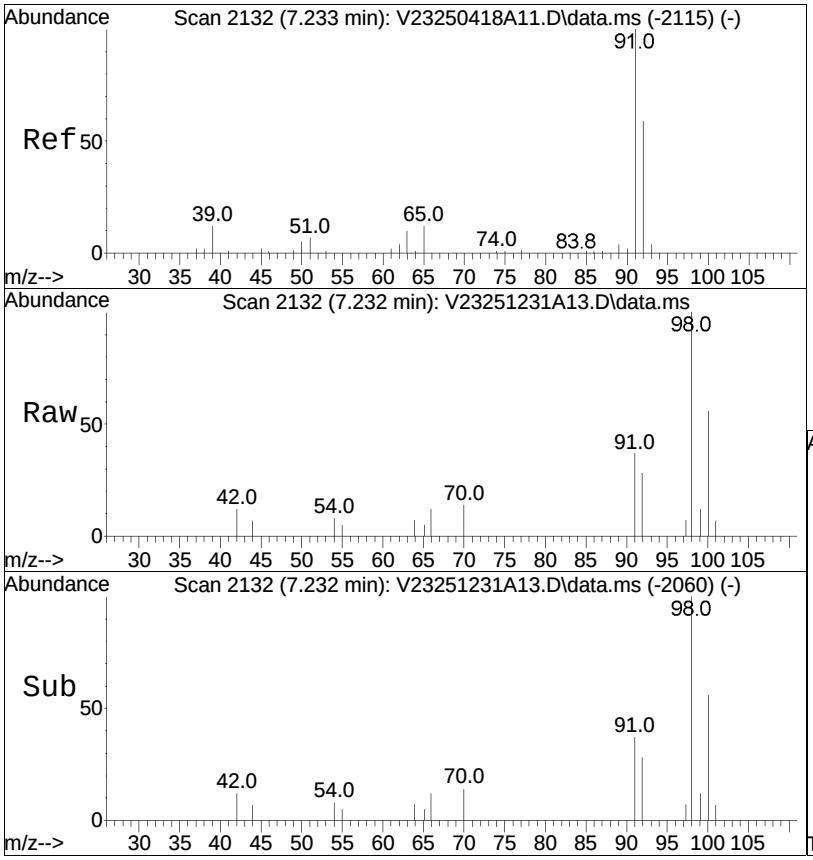


#32
Chloroform
Concen: 0.15 ug/L M3
RT: 4.580 min Scan# 1181
Delta R.T. 0.014 min
Lab File: V23251231A13.D
Acq: 31 Dec 2025 12:33 pm

Tgt Ion: 83 Resp: 701

Ion	Ratio	Lower	Upper
83	100		
85	46.1	42.1	87.3
47	0.0	14.0	29.2#
48	0.0	7.2	14.9#

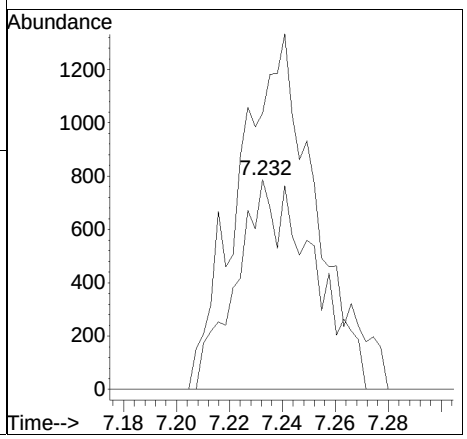


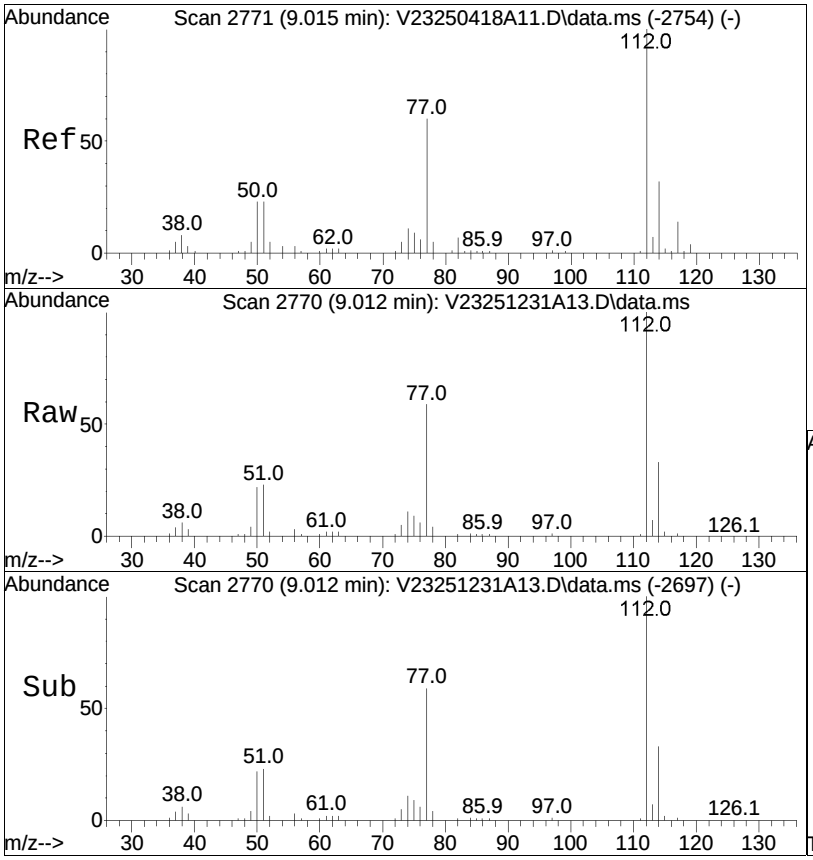


#61
Toluene
Concen: 0.29 ug/L M1
RT: 7.232 min Scan# 2132
Delta R.T. -0.000 min
Lab File: V23251231A13.D
Acq: 31 Dec 2025 12:33 pm

Tgt Ion: 92 Resp: 1591

Ion	Ratio	Lower	Upper
92	100		
91	171.5	136.4	204.6

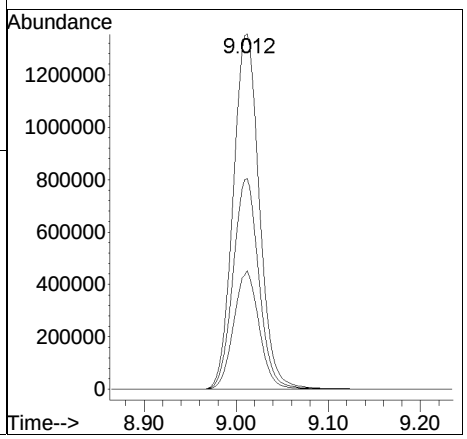


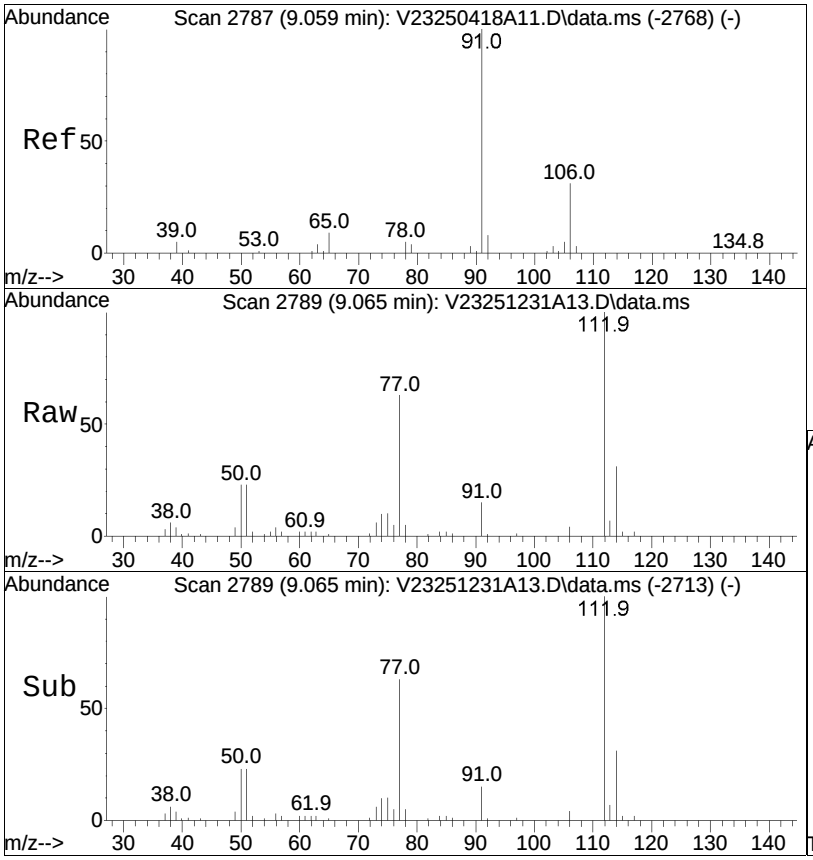


#73
Chlorobenzene
Concen: 431.82 ug/L
RT: 9.012 min Scan# 2770
Delta R.T. 0.003 min
Lab File: V23251231A13.D
Acq: 31 Dec 2025 12:33 pm

Tgt Ion:112 Resp: 2686215

Ion	Ratio	Lower	Upper
112	100		
77	58.4	58.5	87.7#
114	32.6	25.8	38.6

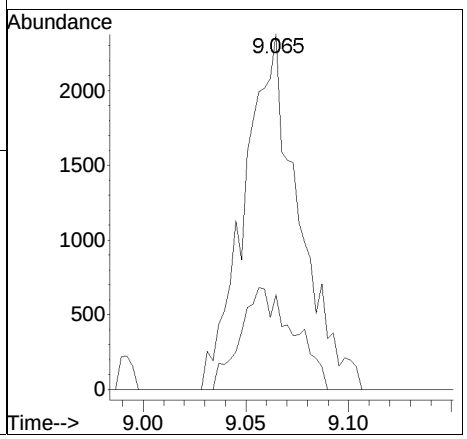


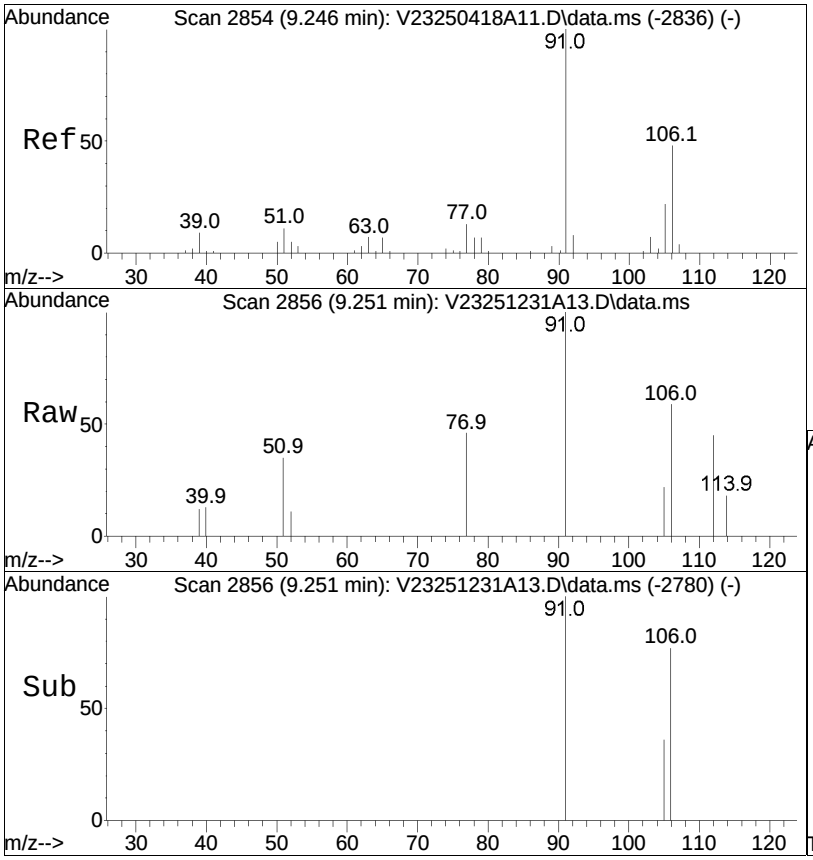


#74
Ethylbenzene
Concen: 0.41 ug/L
RT: 9.065 min Scan# 2789
Delta R.T. 0.011 min
Lab File: V23251231A13.D
Acq: 31 Dec 2025 12:33 pm

Tgt Ion: 91 Resp: 4389

Ion	Ratio	Lower	Upper
91	100		
106	28.0	25.2	37.8

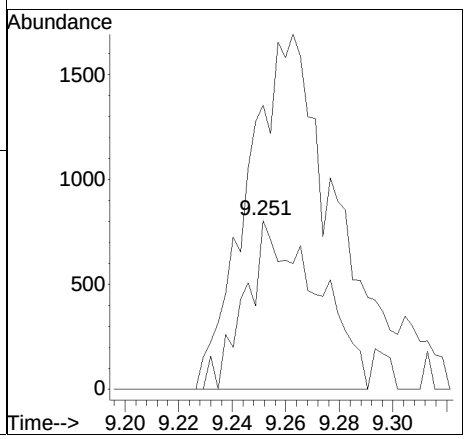


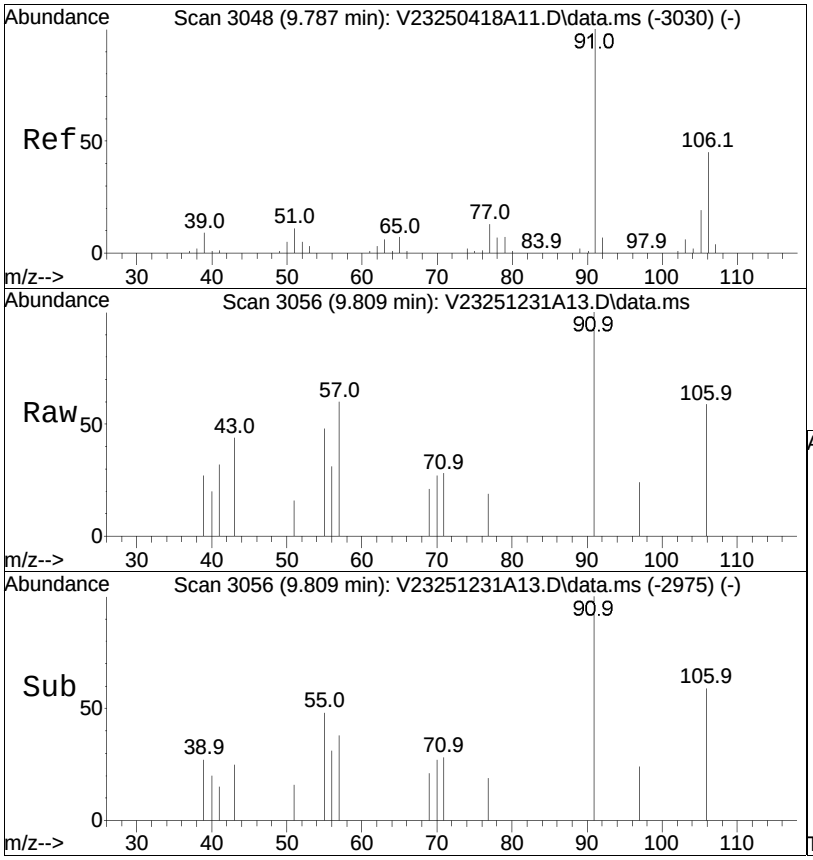


#76
p/m Xylene
Concen: 0.37 ug/L
RT: 9.251 min Scan# 2856
Delta R.T. 0.011 min
Lab File: V23251231A13.D
Acq: 31 Dec 2025 12:33 pm

Tgt Ion:106 Resp: 1492

Ion	Ratio	Lower	Upper
106	100		
91	256.2	160.4	240.6#

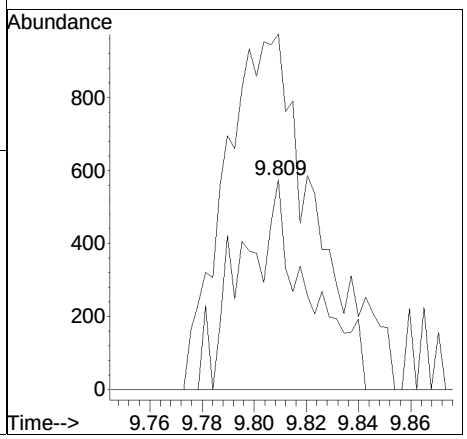


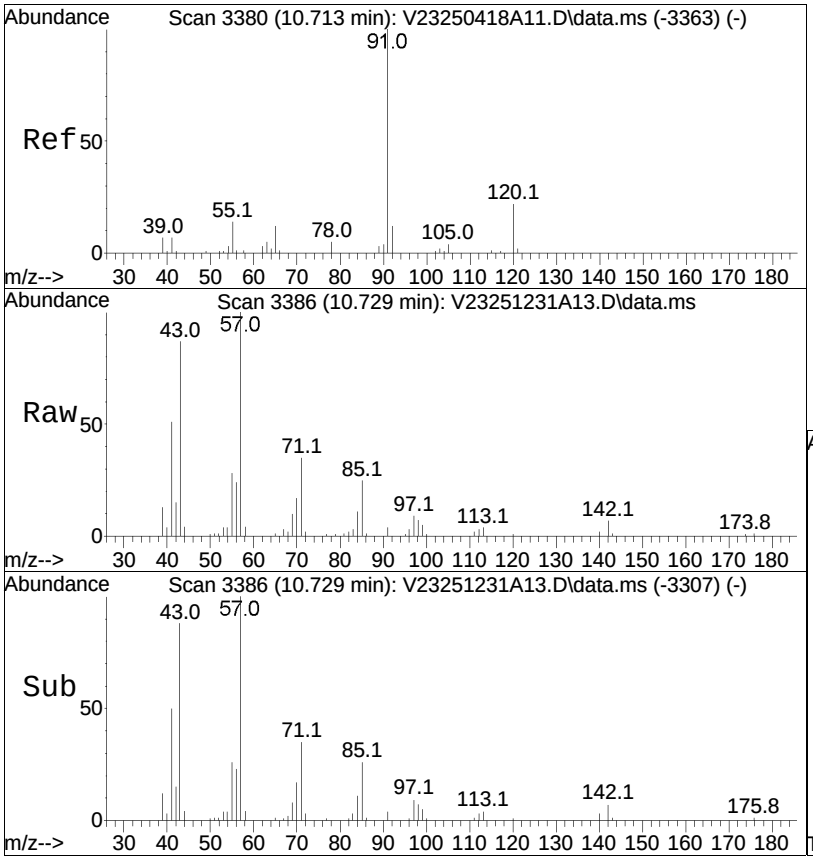


#77
o Xylene
Concen: 0.25 ug/L M3
RT: 9.809 min Scan# 3056
Delta R.T. 0.025 min
Lab File: V23251231A13.D
Acq: 31 Dec 2025 12:33 pm

Tgt Ion:106 Resp: 1026

Ion	Ratio	Lower	Upper
106	100		
91	0.0	169.6	254.4#

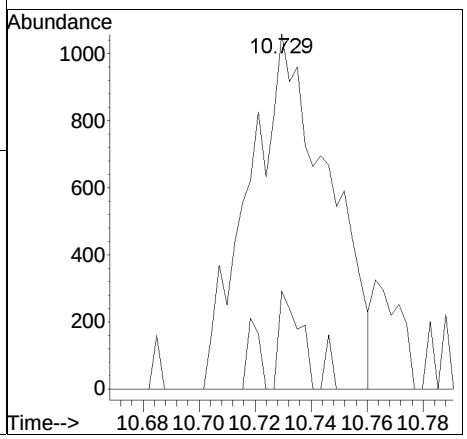


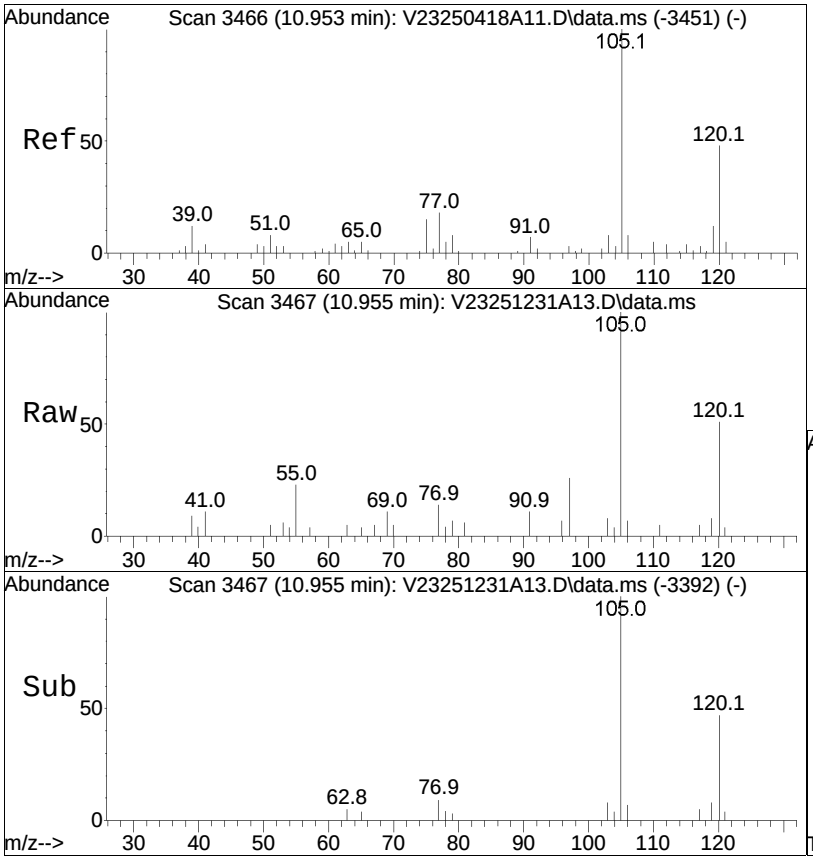


#85
n-Propylbenzene
Concen: 0.16 ug/L
RT: 10.729 min Scan# 3386
Delta R.T. 0.019 min
Lab File: V23251231A13.D
Acq: 31 Dec 2025 12:33 pm

Tgt Ion: 91 Resp: 2094

Ion	Ratio	Lower	Upper
91	100		
120	7.2	18.2	27.2#

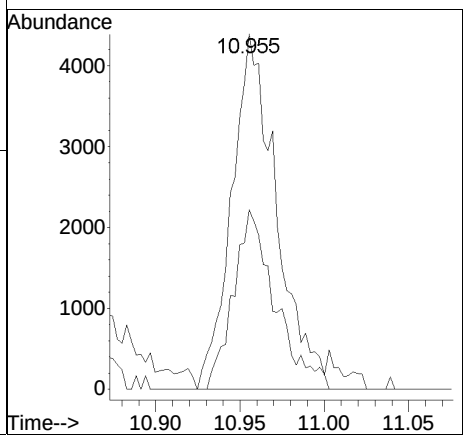


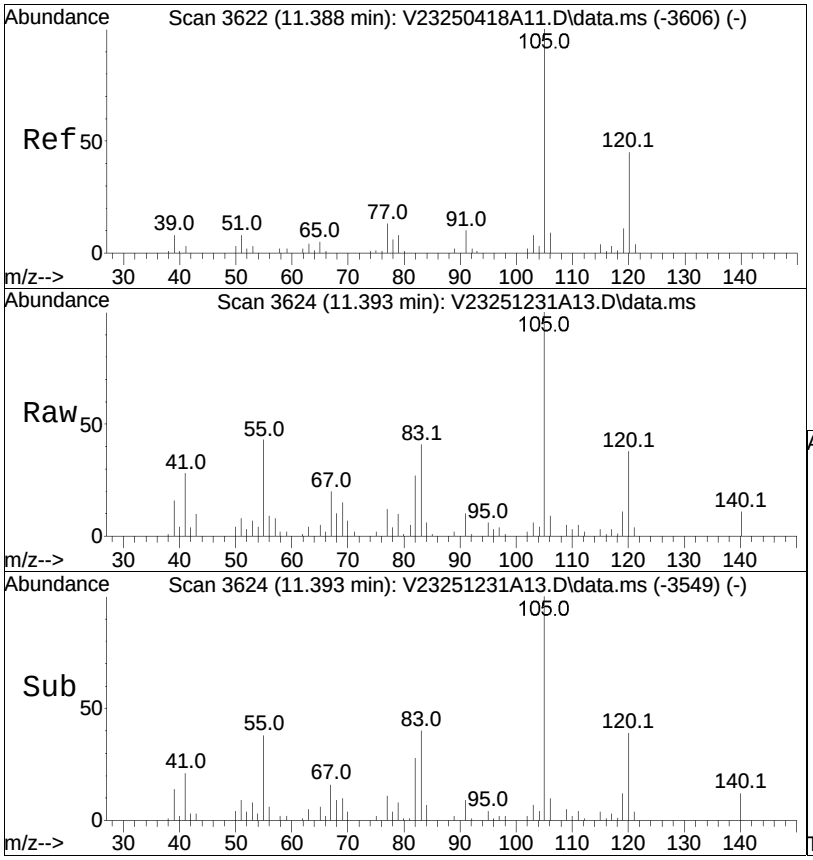


#90
1,3,5-Trimethylbenzene
Concen: 0.89 ug/L M1
RT: 10.955 min Scan# 3467
Delta R.T. 0.008 min
Lab File: V23251231A13.D
Acq: 31 Dec 2025 12:33 pm

Tgt Ion:105 Resp: 8390

Ion	Ratio	Lower	Upper
105	100		
120	45.7	39.9	59.9

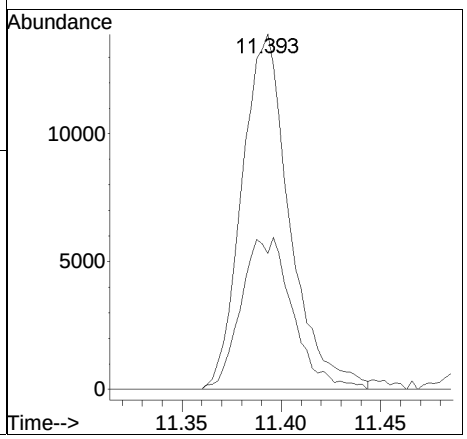


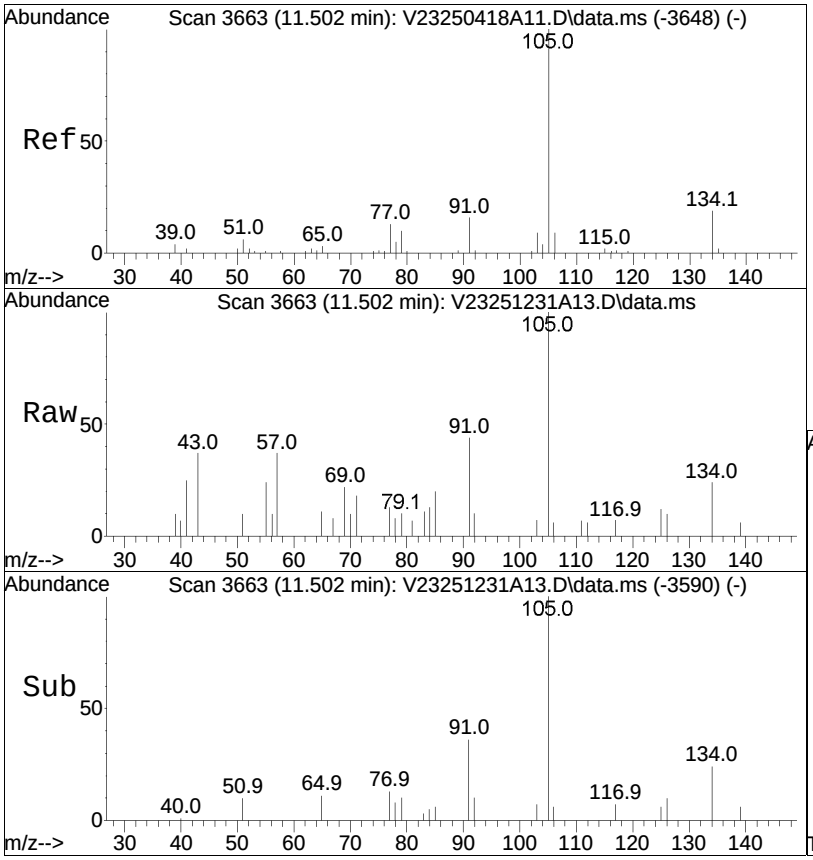


#97
1,2,4-Trimethylbenzene
Concen: 2.48 ug/L
RT: 11.393 min Scan# 3624
Delta R.T. 0.008 min
Lab File: V23251231A13.D
Acq: 31 Dec 2025 12:33 pm

Tgt Ion:105 Resp: 23335

Ion	Ratio	Lower	Upper
105	100		
120	46.0	36.9	55.3

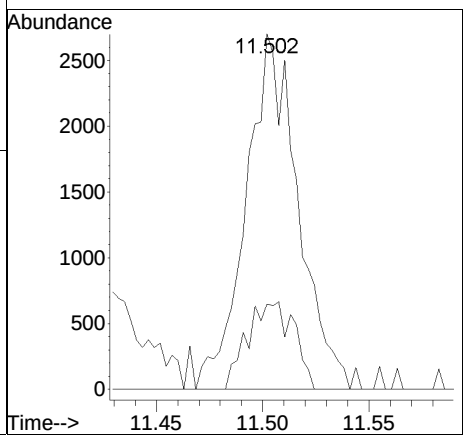


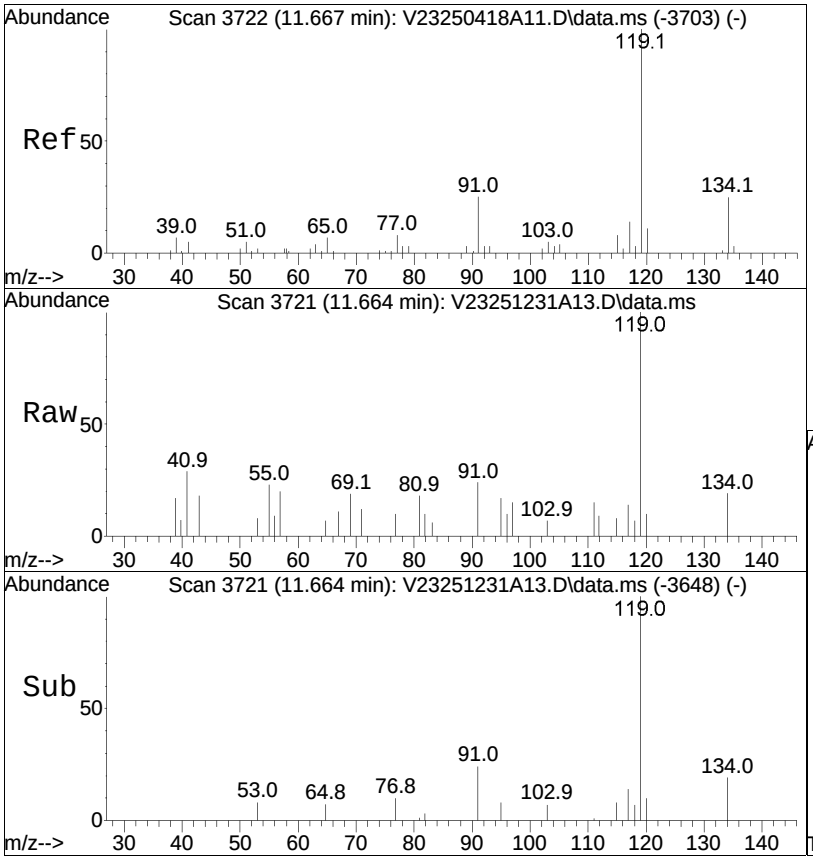


#98
sec-Butylbenzene
Concen: 0.39 ug/L
RT: 11.502 min Scan# 3663
Delta R.T. 0.003 min
Lab File: V23251231A13.D
Acq: 31 Dec 2025 12:33 pm

Tgt Ion:105 Resp: 4606

Ion	Ratio	Lower	Upper
105	100		
134	22.1	13.1	27.1

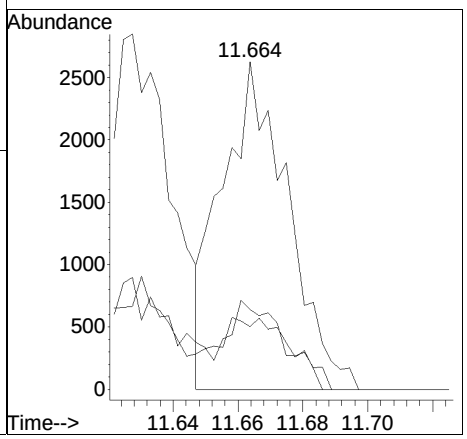


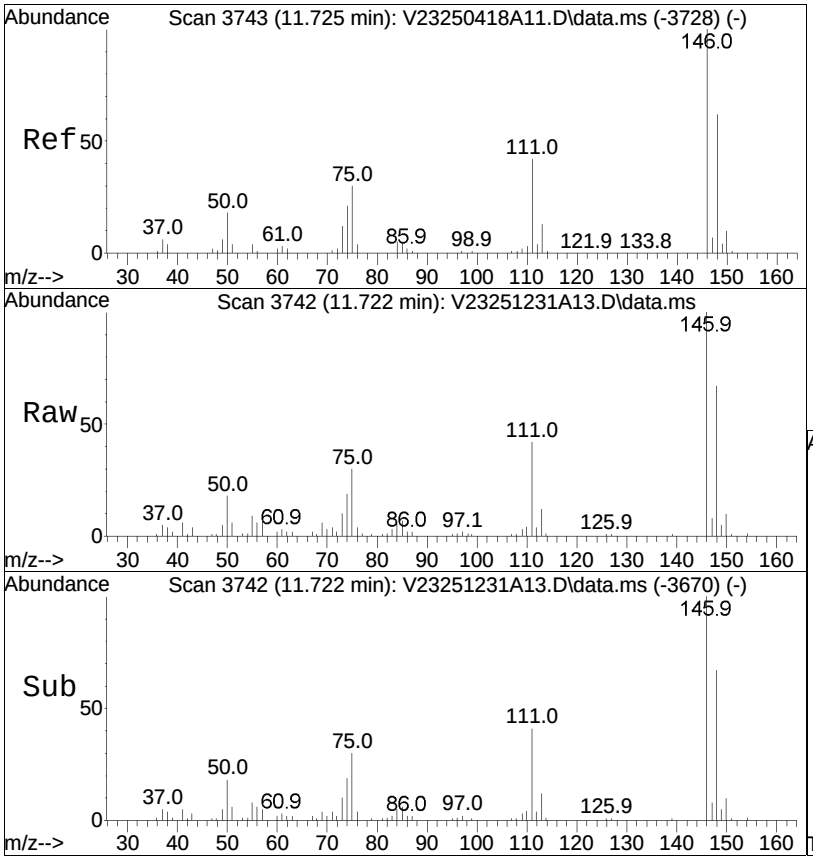


#99
p-Isopropyltoluene
Concen: 0.36 ug/L
RT: 11.664 min Scan# 3721
Delta R.T. 0.003 min
Lab File: V23251231A13.D
Acq: 31 Dec 2025 12:33 pm

Tgt Ion:119 Resp: 3708

Ion	Ratio	Lower	Upper
119	100		
134	23.9	17.2	35.6
91	23.1	15.1	31.3

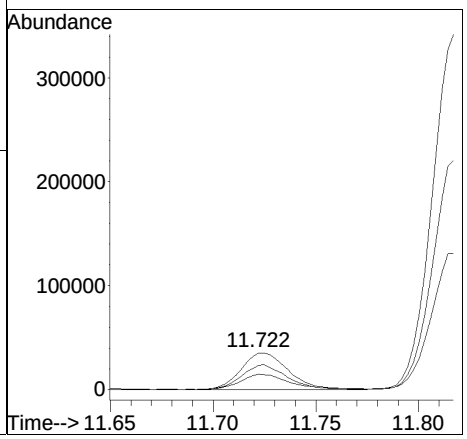


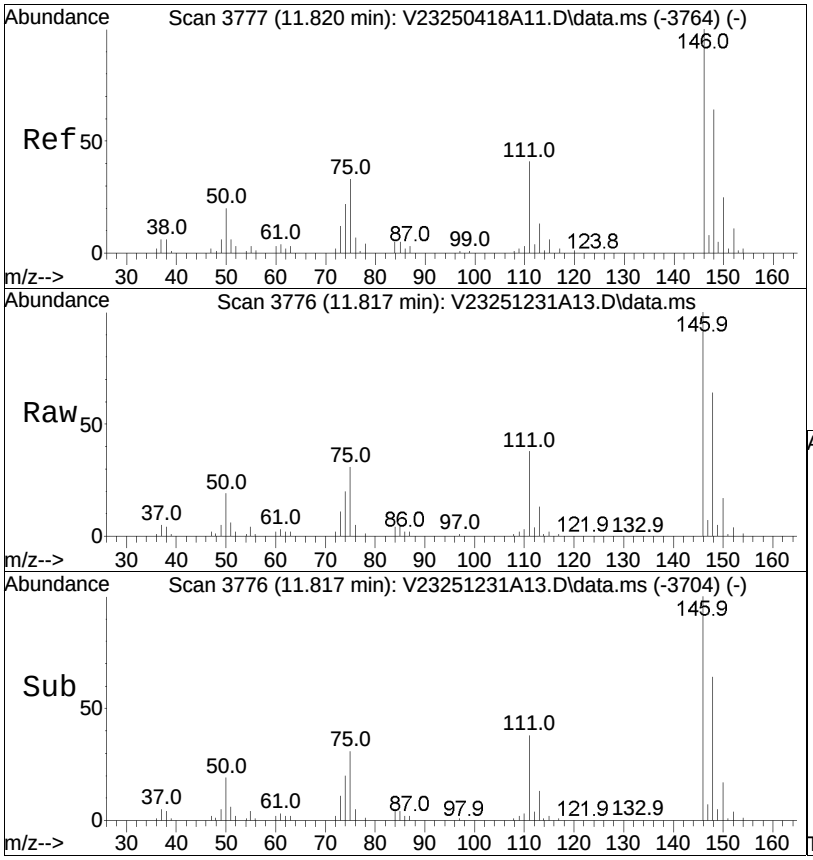


#100
1,3-Dichlorobenzene
Concen: 10.28 ug/L
RT: 11.722 min Scan# 3742
Delta R.T. -0.000 min
Lab File: V23251231A13.D
Acq: 31 Dec 2025 12:33 pm

Tgt Ion:146 Resp: 56382

Ion	Ratio	Lower	Upper
146	100		
111	43.1	26.0	54.0
148	64.6	41.4	86.0

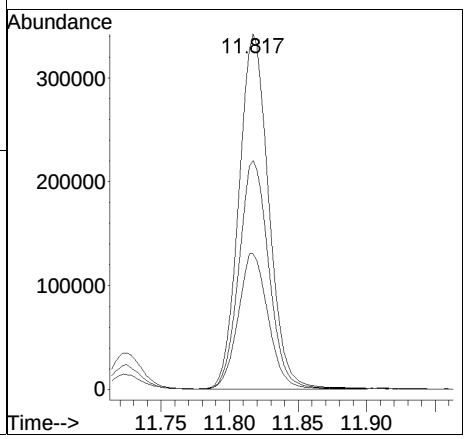


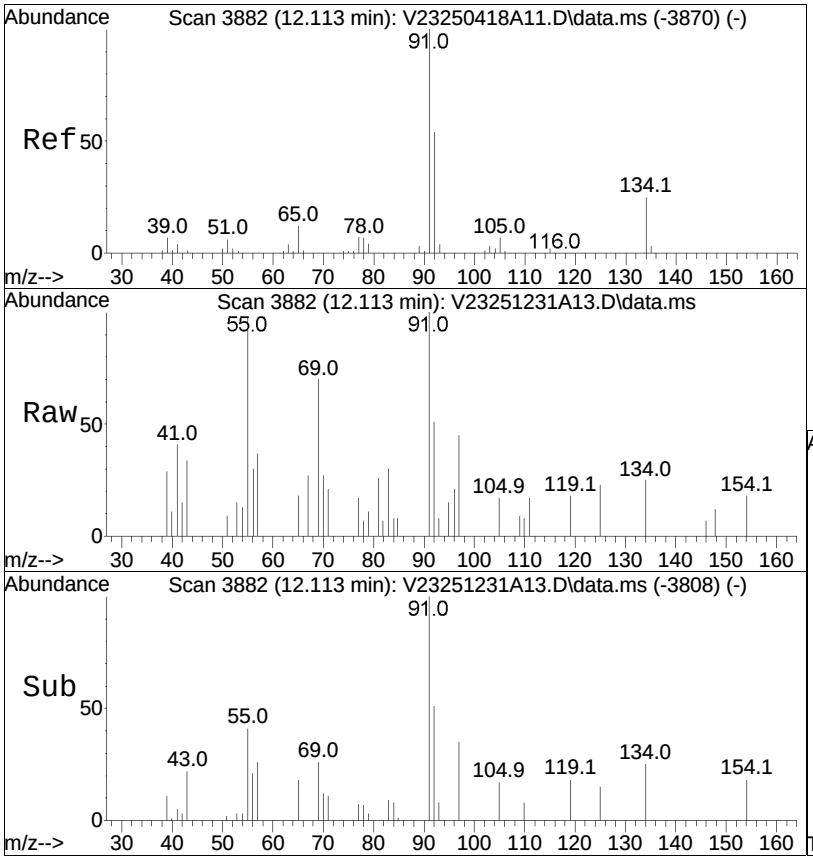


#101
1,4-Dichlorobenzene
Concen: 92.38 ug/L
RT: 11.817 min Scan# 3776
Delta R.T. -0.000 min
Lab File: V23251231A13.D
Acq: 31 Dec 2025 12:33 pm

Tgt Ion:146 Resp: 518966

Ion	Ratio	Lower	Upper
146	100		
111	38.5	31.1	46.7
148	64.5	50.8	76.2

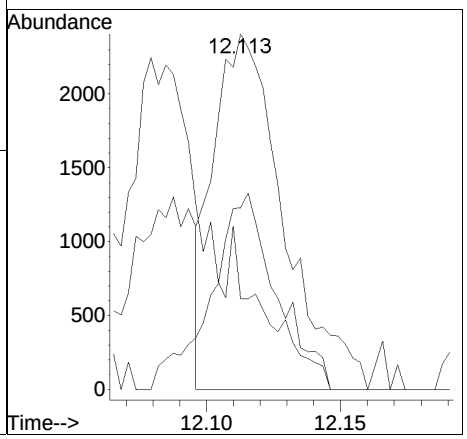


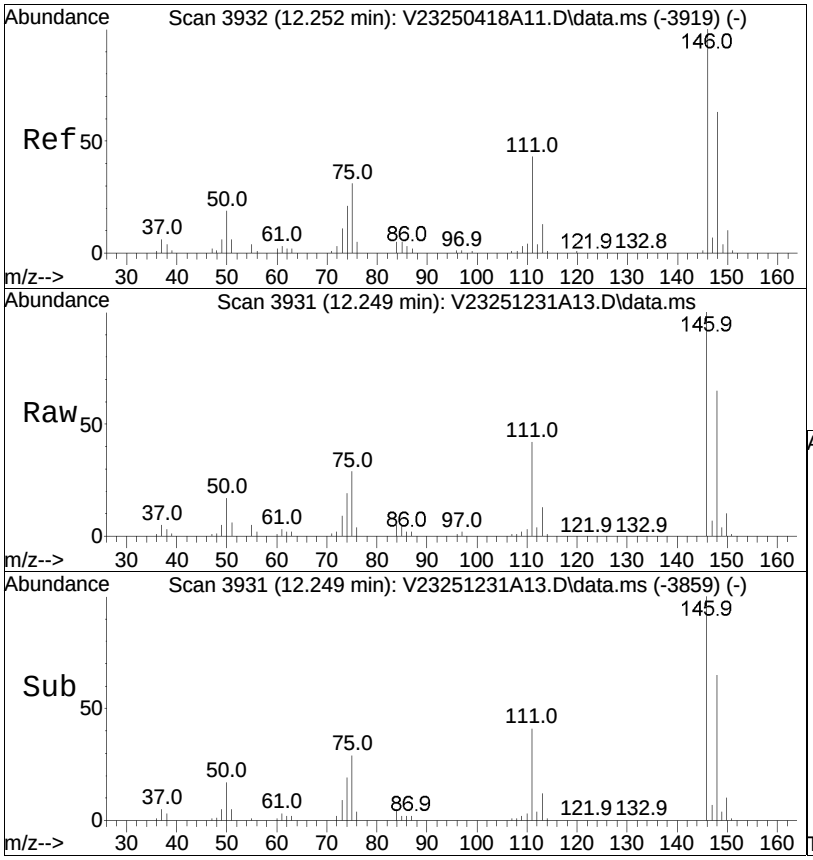


#103
n-Butylbenzene
Concen: 0.48 ug/L
RT: 12.113 min Scan# 3882
Delta R.T. 0.005 min
Lab File: V23251231A13.D
Acq: 31 Dec 2025 12:33 pm

Tgt Ion: 91 Resp: 4406

Ion	Ratio	Lower	Upper
91	100		
92	51.4	44.2	66.4
134	0.0	21.2	31.8#

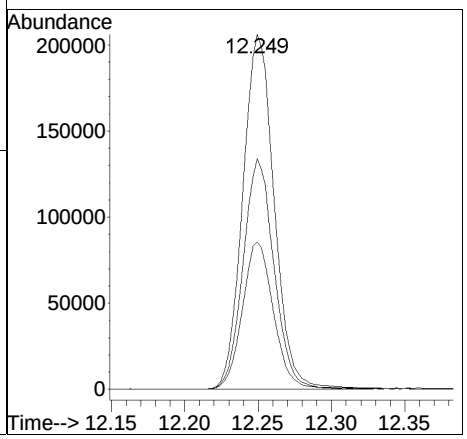


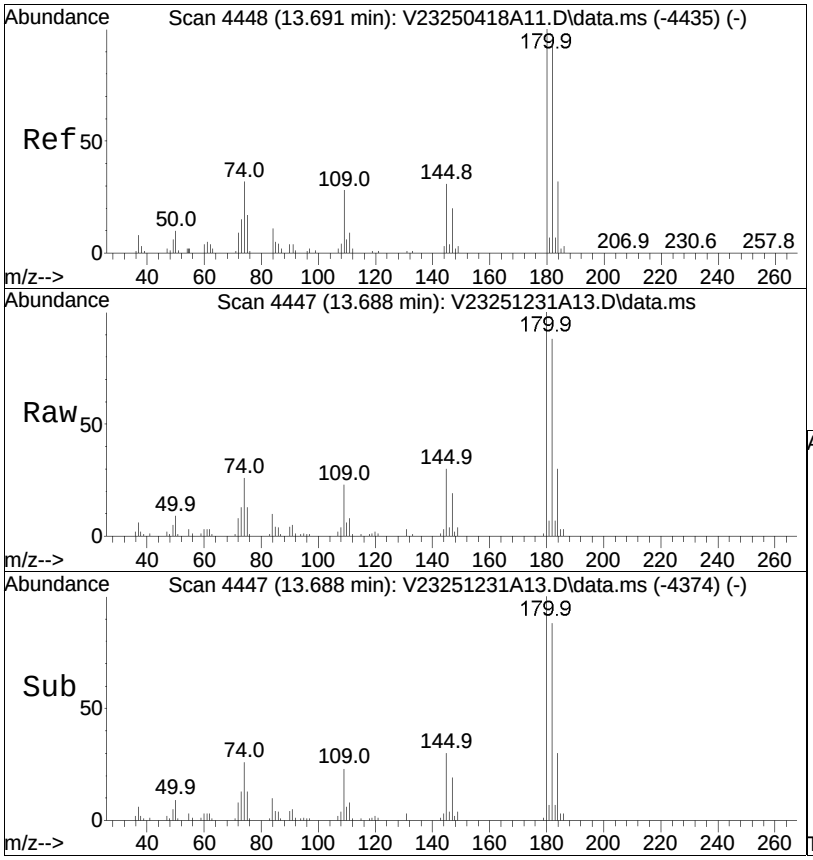


#104
1,2-Dichlorobenzene
Concen: 59.95 ug/L
RT: 12.249 min Scan# 3931
Delta R.T. -0.000 min
Lab File: V23251231A13.D
Acq: 31 Dec 2025 12:33 pm

Tgt Ion:146 Resp: 308121

Ion	Ratio	Lower	Upper
146	100		
111	40.8	26.8	55.8
148	64.1	41.3	85.7

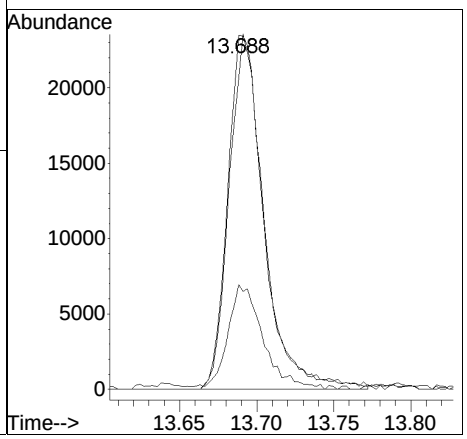


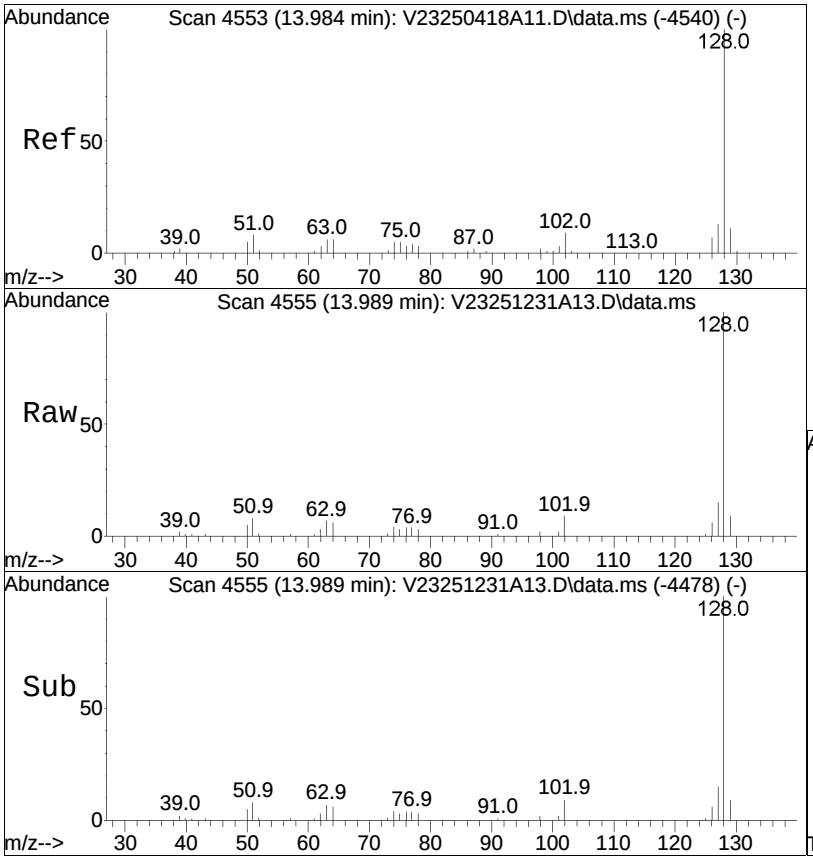


#109
1,2,4-Trichlorobenzene
Concen: 10.43 ug/L
RT: 13.688 min Scan# 4447
Delta R.T. 0.003 min
Lab File: V23251231A13.D
Acq: 31 Dec 2025 12:33 pm

Tgt Ion:180 Resp: 38626

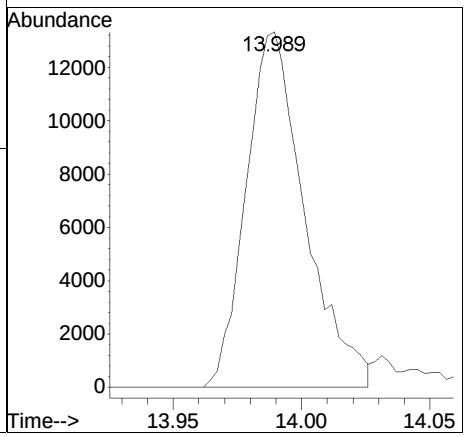
Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.2	114.4
145	28.8	27.4	41.2





#110
Naphthalene
Concen: 2.99 ug/L
RT: 13.989 min Scan# 4555
Delta R.T. 0.014 min
Lab File: V23251231A13.D
Acq: 31 Dec 2025 12:33 pm

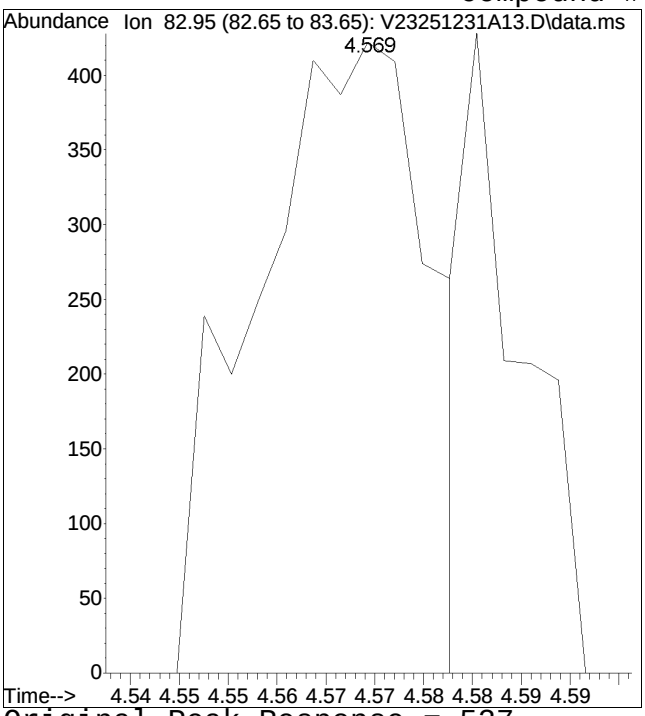
Tgt Ion:128 Resp: 21232



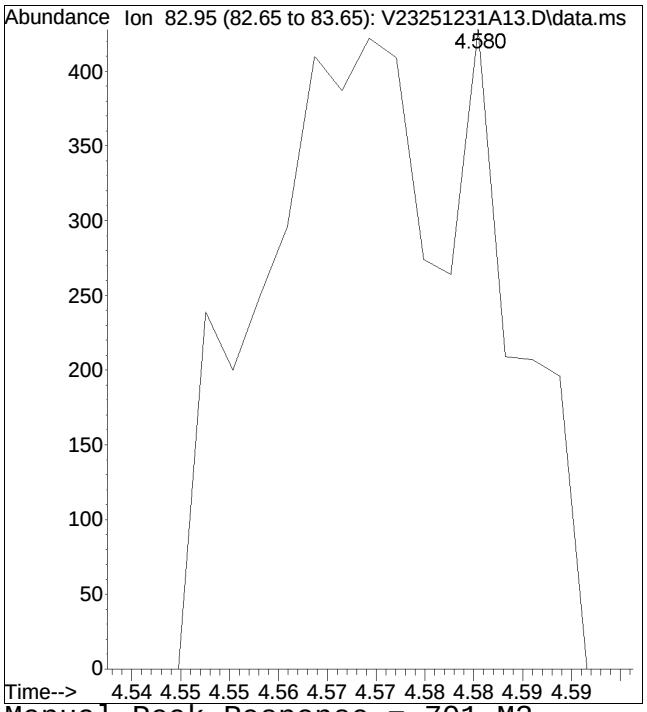
Manual Integration Report

Data Path : K:\VOA123\2025\251231A\ QMethod : V123_251103N_8260.m
Data File : V23251231A13.D Operator : VOA123:BAD
Date Inj'd : 12/31/2025 12:33 pm Instrument : VOA123
Sample : l2580856-11d2,31h,6.32,5,0 Quant Date : 1/2/2026 8:34 am

Compound #32: Chloroform



Original Peak Response = 527



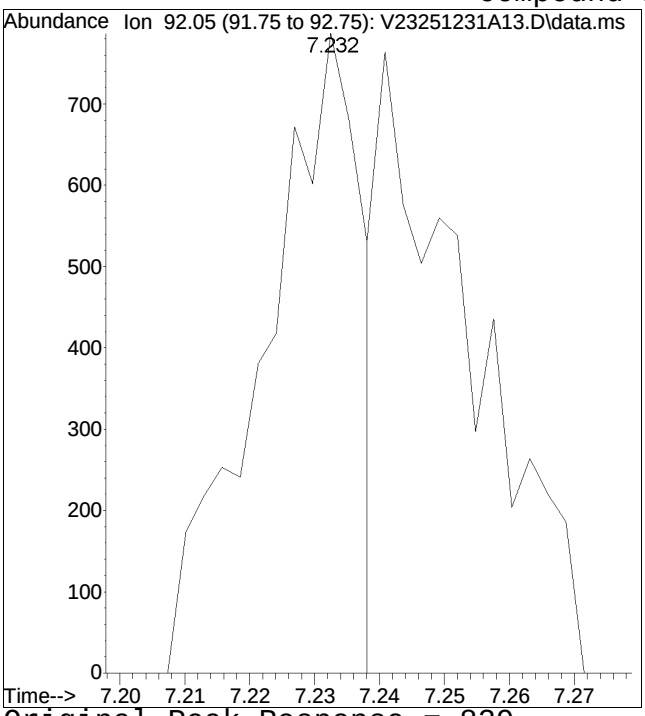
Manual Peak Response = 701 M3

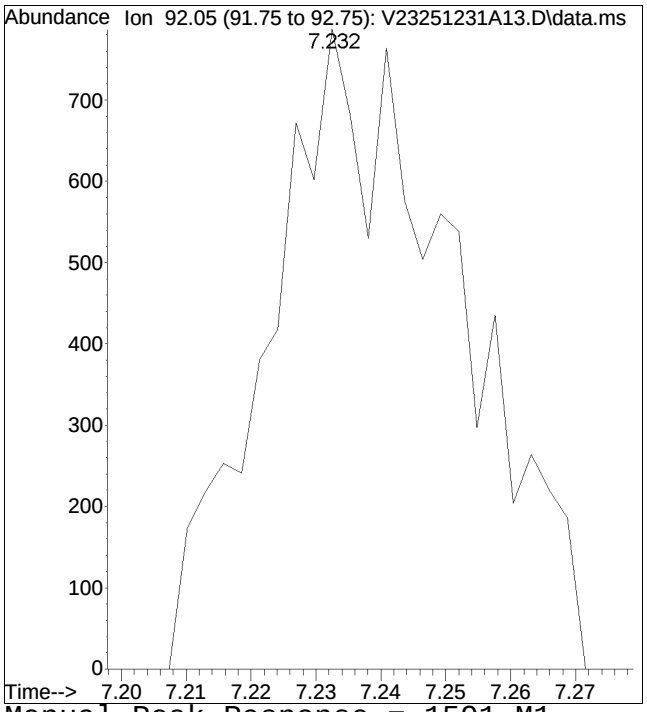
M3 = Wrong Peak Identified

Manual Integration Report

Data Path : K:\VOA123\2025\251231A\ QMethod : V123_251103N_8260.m
Data File : V23251231A13.D Operator : VOA123:BAD
Date Inj'd : 12/31/2025 12:33 pm Instrument : VOA123
Sample : l2580856-11d2,31h,6.32,5,0Quant Date : 1/2/2026 8:34 am

Compound #61: Toluene



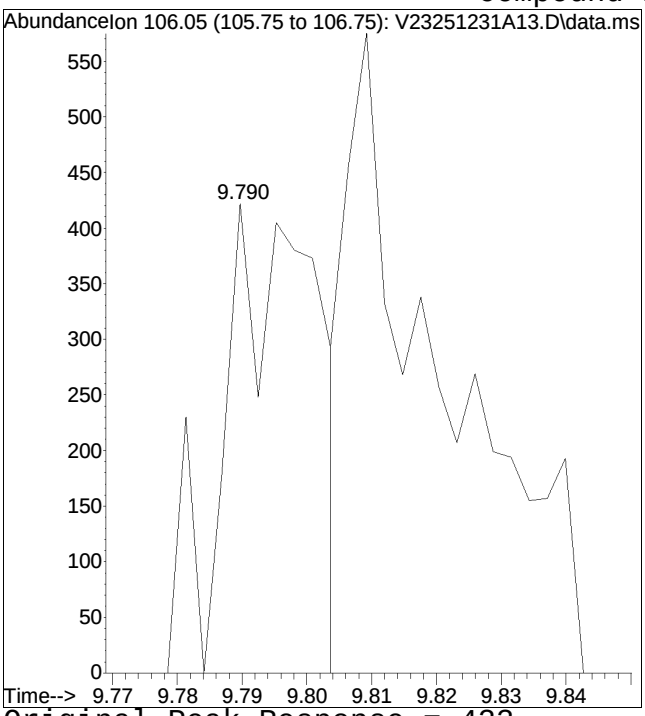


Original Peak Response = 829 Manual Peak Response = 1591 M1
M1 = Peak Integration was less than it should be

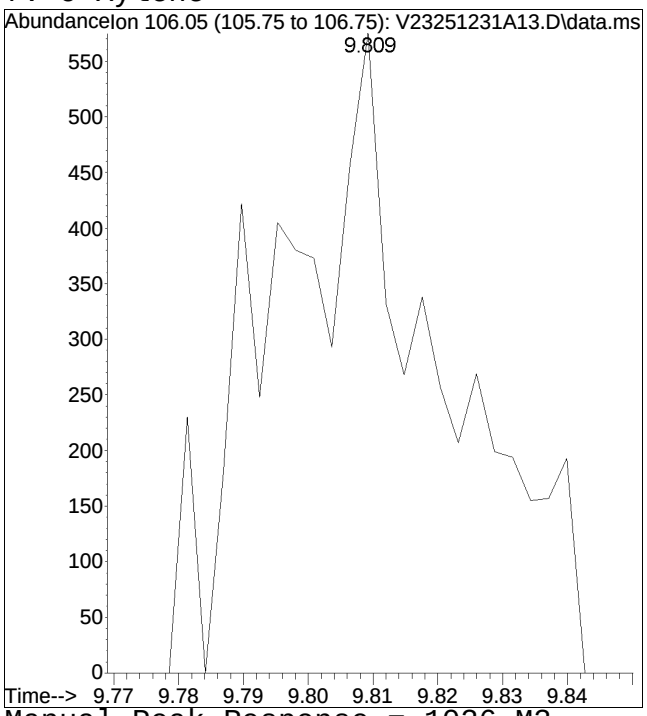
Manual Integration Report

Data Path : K:\VOA123\2025\251231A\ QMethod : V123_251103N_8260.m
Data File : V23251231A13.D Operator : VOA123:BAD
Date Inj'd : 12/31/2025 12:33 pm Instrument : VOA123
Sample : l2580856-11d2,31h,6.32,5,0Quant Date : 1/2/2026 8:34 am

Compound #77: o Xylene



Original Peak Response = 423
M3 = Wrong Peak Identified

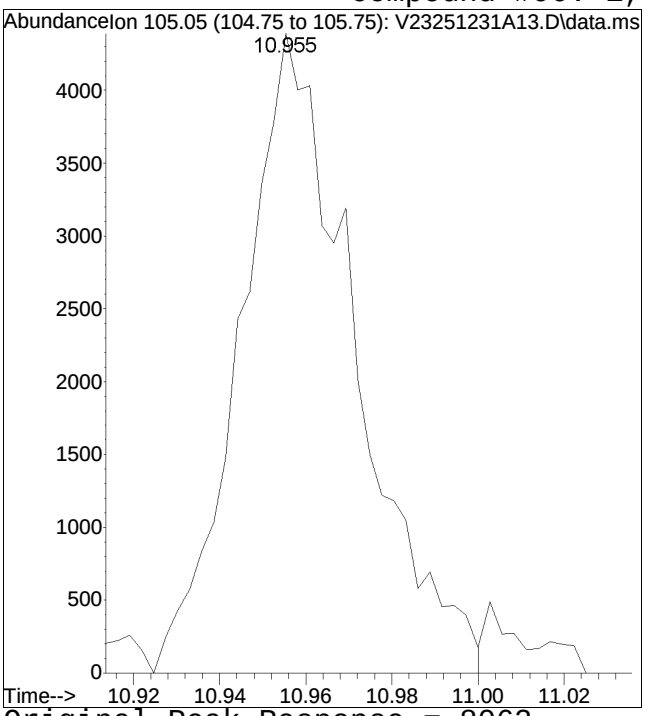


Manual Peak Response = 1026 M3

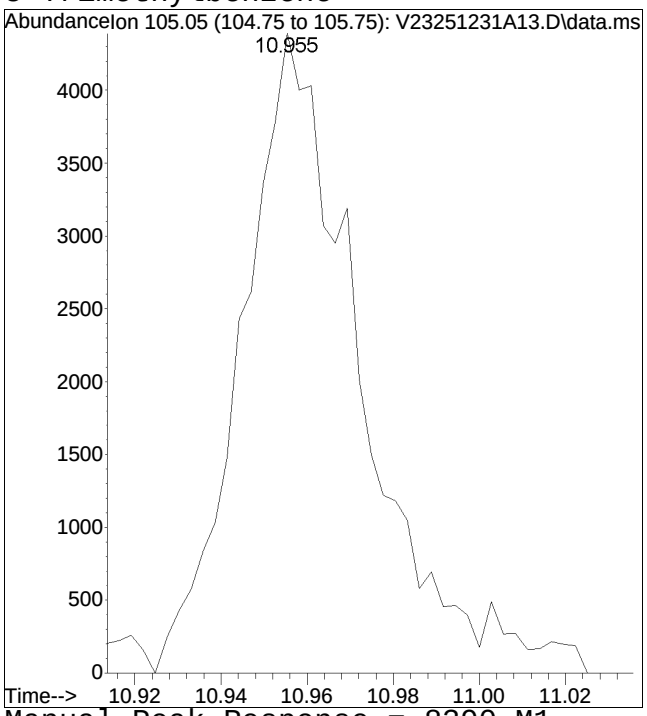
Manual Integration Report

Data Path : K:\VOA123\2025\251231A\ QMethod : V123_251103N_8260.m
Data File : V23251231A13.D Operator : VOA123:BAD
Date Inj'd : 12/31/2025 12:33 pm Instrument : VOA123
Sample : l2580856-11d2,31h,6.32,5,0Quant Date : 1/2/2026 8:34 am

Compound #90: 1,3,5-Trimethylbenzene



Original Peak Response = 8062



Manual Peak Response = 8390 M1

M1 = Peak Integration was less than it should be

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Volatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: VOA123**	**Ical Ref**	**: ICAL22792**
Calibration dates	**: 11/03/25 20:17 11/04/25 00:11**		

Calibration Files

L1 =V23251103N05.D L2 =V23251103N08.D L3 =V23251103N09.D L4 =V23251103N10.D L6 =V23251103N11.D

L7 =V23251103N12.D L8 =V23251103N13.D L0 =V23251103N04.D L1.5=V23251103N07.D

		Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------										
2)	TP	Dichlorodifluoromethane	0.144	0.195	0.238	0.226	0.243	0.232	0.241		0.244	0.220	15.69
3)	TP	Chloromethane	0.205	0.204	0.248	0.245	0.253	0.249	0.261		0.251	0.240	9.25
4)	TC	Vinyl chloride	0.148	0.228	0.283	0.272	0.288	0.280	0.296		0.285	0.260	19.16
5)	TP	Bromomethane	0.130	0.133	0.158	0.164	0.184	0.197	0.214		0.151	0.166	18.10
6)	TP	Chloroethane	0.143	0.148	0.178	0.182	0.201	0.205	0.210		0.176	0.180	13.91
7)	TP	Trichlorofluoromethane	0.272	0.348	0.416	0.402	0.425	0.424	0.451		0.410	0.393	14.55
8)	TP	Ethyl ether	0.105	0.127	0.138	0.136	0.140	0.139	0.143		0.123	0.132	9.81
10)	TC	1,1-Dichloroethene	0.150	0.185	0.217	0.213	0.227	0.222	0.237		0.214	0.208	13.45
11)	TP	Carbon disulfide	0.752	0.680	0.764	0.735	0.777	0.761	0.803		0.861	0.767	6.80
12)	TP	Freon-113	0.152	0.186	0.211	0.217	0.231	0.223	0.243		0.225	0.211	13.73
14)	TP	Acrolein	0.023	0.025	0.026	0.026	0.026	0.027	0.029		0.027	0.026	6.69
15)	TP	Methylene chloride	0.248	0.253	0.276	0.270	0.271	0.268	0.278		0.297	0.270	5.61
17)	TP	Acetone		0.147	0.071	0.066	0.062	0.058	0.058			*L	0.9997
18)	TP	trans-1,2-Dichloroethene	0.173	0.215	0.259	0.255	0.262	0.259	0.271		0.252	0.243	13.47
19)	TP	Methyl acetate	0.102	0.101	0.102	0.108	0.111	0.107	0.106		0.095	0.104	4.75
20)	TP	Methyl tert-butyl ether	0.603	0.648	0.706	0.714	0.729	0.723	0.736		0.692	0.694	6.63
21)	TP	tert-Butyl alcohol	0.015	0.018	0.020	0.021	0.020	0.021	0.020		0.018	0.019	9.74
22)	TP	Diisopropyl ether	0.630	0.683	0.774	0.771	0.786	0.784	0.803		0.766	0.750	8.05
23)	TP	1,1-Dichloroethane	0.346	0.407	0.477	0.465	0.478	0.471	0.475		0.459	0.447	10.53
24)	TP	Halothane	0.133	0.156	0.191	0.187	0.196	0.193	0.203		0.190	0.181	13.20
25)	TP	Acrylonitrile		0.047	0.056	0.055	0.059	0.059	0.057		0.045	0.054	10.23
26)	TP	Ethyl tert-butyl ether	0.614	0.697	0.781	0.782	0.808	0.811	0.834		0.750	0.760	9.53
27)	TP	Vinyl acetate	0.463	0.470	0.524	0.541	0.548	0.552	0.567		0.474	0.517	8.08
28)	TP	cis-1,2-Dichloroethene	0.224	0.254	0.295	0.291	0.295	0.292	0.302		0.279	0.279	9.58
29)	TP	2,2-Dichloropropane	0.280	0.324	0.385	0.380	0.395	0.386	0.407		0.388	0.368	11.76
30)	TP	Bromochloromethane	0.099	0.118	0.131	0.132	0.132	0.129	0.132		0.123	0.125	9.28
31)	TP	Cyclohexane	0.298	0.335	0.361	0.382	0.399	0.385	0.415		0.408	0.373	10.68
32)	TC	Chloroform	0.716	0.517	0.507	0.492	0.495	0.486	0.502		0.663	0.547	16.32
33)	TP	Ethyl acetate		0.154	0.175	0.178	0.183	0.178	0.182		0.175	0.175	5.62
34)	TP	Carbon tetrachloride	0.267	0.309	0.357	0.366	0.388	0.374	0.406		0.370	0.355	12.70
35)	TP	Tetrahydrofuran		0.052	0.054	0.054	0.054	0.053	0.054		0.067	0.055	9.22
36)	S	Dibromofluoromethane	0.247	0.248	0.252	0.255	0.254	0.256	0.255	0.249	0.251	0.252	1.32
37)	TP	1,1,1-Trichloroethane	0.298	0.346	0.408	0.406	0.419	0.407	0.429	0.282	0.410	0.378	14.59
39)	TP	2-Butanone		0.104	0.071	0.070	0.072	0.069	0.070			0.076	18.01
40)	TP	1,1-Dichloropropene	0.234	0.270	0.318	0.313	0.324	0.314	0.333	0.230	0.315	0.295	13.33

Initial Calibration Summary
Form 6
Volatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: VOA123**	**Ical Ref**	**: ICAL22792**
Calibration dates	**: 11/03/25 20:17 11/04/25 00:11**		

Calibration Files

L1 =V23251103N05.D L2 =V23251103N08.D L3 =V23251103N09.D L4 =V23251103N10.D L6 =V23251103N11.D

L7 =V23251103N12.D L8 =V23251103N13.D L0 =V23251103N04.D L1.5=V23251103N07.D

	Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
41) TP	Benzene	0.764	0.848	0.992	0.988	1.002	0.982	1.025	0.800	0.990	0.932	10.65
42) TP	tert-Amyl methyl ether	0.565	0.621	0.695	0.701	0.713	0.714	0.735		0.649	0.674	8.56
43) S	1,2-Dichloroethane-d4	0.250	0.261	0.250	0.256	0.255	0.260	0.272	0.257	0.259	0.258	2.56
44) TP	1,2-Dichloroethane	0.299	0.324	0.352	0.350	0.353	0.349	0.358		0.334	0.340	5.88
47) TP	Methyl cyclohexane	0.312	0.364	0.382	0.418	0.441	0.427	0.467		0.409	0.403	12.11
48) TP	Trichloroethene	0.198	0.234	0.273	0.272	0.282	0.280	0.299	0.198	0.267	0.256	14.52
50) TP	Dibromomethane	0.114	0.145	0.158	0.159	0.163	0.162	0.167		0.148	0.152	11.29
51) TC	1,2-Dichloropropane	0.221	0.233	0.268	0.266	0.266	0.267	0.275		0.257	0.257	7.49
53) TP	2-Chloroethyl vinyl ether	0.062	0.099	0.115	0.119	0.121	0.119	0.121		0.092	0.106	19.85
54) TP	Bromodichloromethane	0.284	0.321	0.384	0.386	0.395	0.395	0.412	0.305	0.362	0.360	12.72
57) TP	1,4-Dioxane		0.001	0.002	0.002	0.002	0.002	0.002		0.001	0.001#	14.15
58) TP	cis-1,3-Dichloropropene	0.312	0.366	0.423	0.437	0.444	0.447	0.461	0.306	0.372	0.396	14.93
59) I	Chlorobenzene-d5	----------ISTD----------										
60) S	Toluene-d8	1.361	1.370	1.367	1.348	1.338	1.339	1.329	1.363	1.358	1.353	1.07
61) TC	Toluene	0.687	0.778	0.886	0.877	0.905	0.886	0.923		0.860	0.850	9.28
62) TP	4-Methyl-2-pentanone	0.055	0.086	0.097	0.099	0.106	0.103	0.103		0.075	0.091	19.31
63) TP	Tetrachloroethene	0.284	0.341	0.378	0.393	0.412	0.397	0.424	0.278	0.384	0.366	14.53
65) TP	trans-1,3-Dichloropropene	0.321	0.422	0.509	0.521	0.544	0.535	0.544		0.435	0.479	16.64
67) TP	Ethyl methacrylate	0.261	0.328	0.388	0.392	0.413	0.404	0.407		0.294	0.361	16.18
68) TP	1,1,2-Trichloroethane	0.196	0.233	0.255	0.253	0.256	0.252	0.254		0.254	0.244	8.46
69) TP	Chlorodibromomethane	0.272	0.320	0.378	0.385	0.407	0.404	0.410	0.261	0.319	0.351	16.81
70) TP	1,3-Dichloropropane	0.400	0.461	0.506	0.504	0.515	0.499	0.499		0.474	0.482	7.82
71) TP	1,2-Dibromoethane	0.210	0.260	0.299	0.301	0.310	0.304	0.304	0.202	0.250	0.271	15.65
72) TP	2-Hexanone		0.153	0.155	0.160	0.173	0.168	0.166			0.162	4.91
73) TP	Chlorobenzene	0.773	0.917	1.031	1.025	1.053	1.043	1.067	0.841	0.995	0.972	10.75
74) TC	Ethylbenzene	1.397	1.558	1.692	1.713	1.770	1.742	1.805		1.788	1.683	8.27
75) TP	1,1,1,2-Tetrachloroethane	0.280	0.334	0.382	0.388	0.403	0.402	0.409	0.255	0.343	0.355	15.91
76) TP	p/m Xylene	0.491	0.584	0.652	0.668	0.697	0.689	0.720	0.505	0.658	0.629	13.30
77) TP	o Xylene	0.502	0.586	0.655	0.668	0.695	0.696	0.721	0.538	0.655	0.635	11.96
78) TP	Styrene	0.810	0.961	1.115	1.143	1.214	1.211	1.245	0.899	1.035	1.070	14.35
79) I	1,4-Dichlorobenzene-d4	----------ISTD----------										
80) TP	Bromoform	0.328	0.351	0.426	0.454	0.507	0.508	0.516		0.384	0.434	17.08
82) TP	Isopropylbenzene	2.350	2.790	2.990	3.143	3.256	3.153	3.229		3.074	2.998	10.04
83) S	4-Bromofluorobenzene	0.909	0.903	0.898	0.897	0.891	0.870	0.850	0.909	0.921	0.894	2.44
84) TP	Bromobenzene	0.657	0.764	0.834	0.843	0.855	0.848	0.853		0.812	0.808	8.41
85) TP	n-Propylbenzene	2.846	3.301	3.574	3.743	3.872	3.736	3.821		3.659	3.569	9.57

Initial Calibration Summary
Form 6
Volatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: VOA123**	**Ical Ref**	**: ICAL22792**
Calibration dates	**: 11/03/25 20:17 11/04/25 00:11**		

Calibration Files

L1 =V23251103N05.D L2 =V23251103N08.D L3 =V23251103N09.D L4 =V23251103N10.D L6 =V23251103N11.D

L7 =V23251103N12.D L8 =V23251103N13.D L0 =V23251103N04.D L1.5=V23251103N07.D

	Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
86) TP	1,4-Dichlorobutane	0.813	0.852	0.914	0.932	0.958	0.945	0.941		0.932	0.911	5.62
87) TP	1,1,2,2-Tetrachloroethane	0.599	0.643	0.694	0.692	0.699	0.681	0.669	0.601	0.661	0.660	5.82
88) TP	4-Ethyltoluene	2.361	2.744	2.990	3.140	3.224	3.122	3.174		3.006	2.970	9.71
89) TP	2-Chlorotoluene	1.856	2.059	2.268	2.302	2.391	2.296	2.340		2.315	2.229	8.05
90) TP	1,3,5-Trimethylbenzene	2.165	2.479	2.613	2.758	2.833	2.753	2.819		2.656	2.635	8.48
91) TP	1,2,3-Trichloropropane	0.472	0.511	0.524	0.532	0.546	0.527	0.522		0.539	0.522	4.34
92) TP	trans-1,4-Dichloro-2-b...		0.150	0.184	0.189	0.200	0.192	0.191			0.184	9.56
93) TP	4-Chlorotoluene	1.852	2.111	2.314	2.373	2.415	2.356	2.383		2.315	2.265	8.43
94) TP	tert-Butylbenzene	1.780	2.064	2.174	2.326	2.383	2.296	2.407		2.218	2.206	9.35
97) TP	1,2,4-Trimethylbenzene	2.100	2.442	2.627	2.748	2.804	2.769	2.833		2.626	2.619	9.36
98) TP	sec-Butylbenzene	2.581	3.076	3.202	3.479	3.615	3.463	3.602		3.382	3.300	10.45
99) TP	p-Isopropyltoluene	2.273	2.626	2.809	3.026	3.123	3.026	3.144		2.838	2.858	10.31
100) TP	1,3-Dichlorobenzene	1.218	1.399	1.545	1.610	1.650	1.628	1.647		1.527	1.528	9.85
101) TP	1,4-Dichlorobenzene	1.392	1.476	1.557	1.630	1.634	1.619	1.626		1.589	1.565	5.61
102) TP	p-Diethylbenzene	1.305	1.562	1.673	1.800	1.842	1.821	1.881		1.654	1.692	11.27
103) TP	n-Butylbenzene	1.994	2.355	2.528	2.725	2.792	2.715	2.772		2.629	2.564	10.60
104) TP	1,2-Dichlorobenzene	1.163	1.336	1.459	1.517	1.542	1.513	1.523		1.406	1.432	9.04
105) TP	1,2,4,5-Tetramethylben...	2.233	2.569	2.745	2.939	2.947	2.964	3.032		2.612	2.755	9.88
106) TP	1,2-Dibromo-3-chloropr...		0.086	0.099	0.105	0.114	0.112	0.113		0.078	0.101	14.19
107) TP	1,3,5-Trichlorobenzene	0.966	1.106	1.187	1.241	1.248	1.231	1.237		1.195	1.176	8.25
108) TP	Hexachlorobutadiene	0.491	0.547	0.555	0.617	0.629	0.612	0.643		0.593	0.586	8.74
109) TP	1,2,4-Trichlorobenzene	0.872	1.019	1.030	1.107	1.072	1.063	1.057		1.037	1.032	6.83
110) TP	Naphthalene	1.849	1.932	2.015	2.084	2.040	1.957	1.951		1.997	1.978	3.67
111) TP	1,2,3-Trichlorobenzene	0.734	0.882	0.902	0.958	0.919	0.884	0.863		0.929	0.884	7.66

Initial Calibration Summary
Form 6
Volatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: VOA104**	**Ical Ref**	**: ICAL22828**
Calibration dates	**: 11/19/25 18:33 11/19/25 23:21**		

Calibration Files

0.5 =V04251119A02.D 1.0 =V04251119A04.D 2.0 =V04251119A06.D 4.0 =V04251119A08.D 20 =V04251119A09.D
40 =V04251119A10.D 100 =V04251119A11.D 200 =V04251119A12.D 300 =V04251119A13.D

		Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------										
2)	TP	Dichlorodifluoromethane		0.290	0.365	0.399	0.346	0.354	0.367	0.394	0.400	0.365	10.01
3)	TP	Chloromethane		0.359	0.408	0.403	0.353	0.366	0.360	0.379	0.373	0.375	5.47
4)	TP	Vinyl chloride		0.257	0.385	0.410	0.357	0.373	0.375	0.396	0.387	0.368	12.92
5)	TP	Bromomethane		0.150	0.184	0.212	0.191	0.210	0.221	0.241	0.243	0.206	14.99
6)	TP	Chloroethane		0.218	0.263	0.253	0.220	0.229	0.212	0.181	0.128	0.213	20.00
7)	TP	Trichlorofluoromethane		0.264	0.436	0.502	0.432	0.450	0.453	0.471	0.474	0.435	16.73
8)	TP	Ethyl ether		0.132	0.135	0.130	0.129	0.137	0.138	0.144	0.143	0.136	3.95
10)	TP	1,1-Dichloroethene		0.197	0.263	0.279	0.242	0.251	0.251	0.259	0.256	0.250	9.57
11)	TP	Carbon disulfide		0.853	1.033	1.037	0.872	0.895	0.877	0.892	0.868	0.916	8.18
12)	TP	Freon-113		0.145	0.246	0.281	0.252	0.262	0.258	0.270	0.265	0.247	17.21
14)	TP	Acrolein				0.031	0.023	0.025	0.026	0.026	0.027	0.026	10.77
15)	TP	Methylene chloride		0.403	0.359	0.322	0.281	0.290	0.285	0.290	0.284	0.314	14.19
17)	TP	Acetone		0.298	0.184	0.143	0.091	0.098	0.089	0.100	0.092	*L	0.9971
18)	TP	trans-1,2-Dichloroethene		0.247	0.304	0.305	0.271	0.277	0.276	0.282	0.275	0.280	6.70
19)	TP	Methyl acetate				0.089	0.095	0.106	0.108	0.115	0.115	0.105	10.20
20)	TP	Methyl tert-butyl ether		0.680	0.714	0.689	0.669	0.711	0.691	0.702	0.691	0.693	2.18
21)	TP	tert-Butyl alcohol		0.025	0.024	0.026	0.021	0.024	0.022	0.022	0.023	0.023	6.99
22)	TP	Diisopropyl ether		0.796	0.915	0.879	0.848	0.895	0.877	0.893	0.865	0.871	4.16
23)	TP	1,1-Dichloroethane		0.442	0.571	0.579	0.520	0.532	0.515	0.524	0.508	0.524	8.03
24)	TP	Halothane		0.170	0.230	0.242	0.214	0.223	0.216	0.222	0.219	0.217	9.61
25)	TP	Acrylonitrile			0.054	0.053	0.049	0.056	0.056	0.058	0.059	0.055	6.42
26)	TP	Ethyl tert-butyl ether		0.761	0.822	0.815	0.795	0.845	0.815	0.836	0.816	0.813	3.16
27)	TP	Vinyl acetate				0.442	0.488	0.532	0.521	0.514	0.522	0.503	6.65
28)	TP	cis-1,2-Dichloroethene		0.332	0.341	0.336	0.301	0.310	0.303	0.305	0.301	0.316	5.39
29)	TP	2,2-Dichloropropane		0.359	0.500	0.486	0.415	0.431	0.419	0.425	0.415	0.431	10.23
30)	TP	Bromochloromethane		0.157	0.158	0.160	0.142	0.146	0.141	0.139	0.135	0.147	6.49
31)	TP	Cyclohexane		0.334	0.474	0.482	0.410	0.429	0.415	0.434	0.430	0.426	10.68
32)	TP	Chloroform		0.937	0.837	0.676	0.515	0.514	0.486	0.491	0.478	*L	0.9996
33)	TP	Ethyl acetate				0.153	0.159	0.175	0.175	0.182	0.185	0.172	7.45
34)	TP	Carbon tetrachloride		0.299	0.429	0.457	0.395	0.411	0.400	0.412	0.411	0.402	11.36
35)	TP	Tetrahydrofuran		0.065	0.064	0.059	0.060	0.065	0.062	0.064	0.064	0.063	3.26
36)	S	Dibromofluoromethane	0.294	0.295	0.296	0.297	0.287	0.287	0.281	0.274	0.271	0.287	3.34
37)	TP	1,1,1-Trichloroethane	0.278	0.408	0.487	0.496	0.419	0.425	0.412	0.421	0.414	0.418	14.82
39)	TP	2-Butanone				0.042	0.064	0.074	0.073	0.078	0.079	*L	0.9993
40)	TP	1,1-Dichloropropene	0.227	0.251	0.372	0.391	0.339	0.345	0.339	0.354	0.349	0.330	16.54

Initial Calibration Summary
Form 6
Volatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: VOA104**	**Ical Ref**	**: ICAL22828**
Calibration dates	**: 11/19/25 18:33 11/19/25 23:21**		

Calibration Files

0.5 =V04251119A02.D 1.0 =V04251119A04.D 2.0 =V04251119A06.D 4.0 =V04251119A08.D 20 =V04251119A09.D

40 =V04251119A10.D 100 =V04251119A11.D 200 =V04251119A12.D 300 =V04251119A13.D

		Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
41)	TP	Benzene	0.742	0.891	1.104	1.066	0.986	1.021	0.997	1.029	1.004	0.982	10.93
42)	TP	tert-Amyl methyl ether		0.656	0.703	0.693	0.655	0.691	0.675	0.698	0.689	0.683	2.70
43)	S	1,2-Dichloroethane-d4	0.258	0.266	0.269	0.265	0.245	0.251	0.246	0.247	0.246	0.255	3.89
44)	TP	1,2-Dichloroethane		0.345	0.360	0.368	0.335	0.348	0.337	0.347	0.343	0.348	3.16
47)	TP	Methyl cyclohexane		0.229	0.449	0.456	0.391	0.424	0.421	0.459	0.462	0.411	18.89
48)	TP	Trichloroethene	0.150	0.211	0.268	0.325	0.269	0.280	0.278	0.289	0.283	0.261	19.57
50)	TP	Dibromomethane		0.184	0.173	0.171	0.155	0.165	0.164	0.172	0.173	0.170	4.97
51)	TP	1,2-Dichloropropane		0.268	0.295	0.291	0.277	0.286	0.282	0.293	0.287	0.285	3.18
53)	TP	2-Chloroethyl vinyl ether			0.118	0.138	0.137	0.152	0.152	0.160	0.162	0.146	10.65
54)	TP	Bromodichloromethane	0.293	0.353	0.449	0.431	0.380	0.398	0.391	0.404	0.396	0.388	11.60
57)	TP	1,4-Dioxane		0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	*L	0.9995
58)	TP	cis-1,3-Dichloropropene	0.254	0.374	0.434	0.448	0.427	0.453	0.451	0.470	0.462	0.419	16.22
59)	I	Chlorobenzene-d5	----------ISTD----------										
60)	S	Toluene-d8	1.293	1.298	1.312	1.316	1.295	1.295	1.280	1.247	1.235	1.286	2.16
61)	TP	Toluene		0.846	1.004	0.916	0.797	0.832	0.809	0.825	0.800	0.854	8.40
62)	TP	4-Methyl-2-pentanone			0.093	0.093	0.091	0.096	0.092	0.094	0.095	0.094	1.79
63)	TP	Tetrachloroethene	0.185	0.274	0.408	0.411	0.378	0.397	0.396	0.414	0.407	*L	0.9996
65)	TP	trans-1,3-Dichloropropene		0.398	0.451	0.488	0.464	0.487	0.474	0.477	0.466	0.463	6.29
67)	TP	Ethyl methacrylate			0.363	0.385	0.326	0.348	0.337	0.341	0.336	0.348	5.76
68)	TP	1,1,2-Trichloroethane		0.302	0.295	0.270	0.231	0.237	0.228	0.232	0.230	0.253	12.31
69)	TP	Chlorodibromomethane	0.313	0.377	0.420	0.424	0.391	0.405	0.393	0.403	0.399	0.391	8.37
70)	TP	1,3-Dichloropropane		0.434	0.457	0.473	0.433	0.451	0.435	0.442	0.436	0.445	3.23
71)	TP	1,2-Dibromoethane	0.204	0.284	0.285	0.299	0.276	0.295	0.286	0.291	0.290	0.279	10.39
72)	TP	2-Hexanone				0.147	0.146	0.161	0.162	0.168	0.171	0.159	6.66
73)	TP	Chlorobenzene	0.724	0.891	1.042	1.059	0.954	0.990	0.977	1.006	0.980	0.958	10.48
74)	TP	Ethylbenzene		1.281	1.704	1.668	1.492	1.586	1.526	1.528	1.472	1.532	8.52
75)	TP	1,1,1,2-Tetrachloroethane	0.270	0.359	0.395	0.412	0.372	0.383	0.367	0.367	0.356	0.365	10.85
76)	TP	p/m Xylene	0.422	0.527	0.683	0.660	0.581	0.604	0.585	0.595	0.578	0.582	12.96
77)	TP	o Xylene	0.433	0.540	0.675	0.655	0.591	0.615	0.595	0.611	0.595	0.590	11.95
78)	TP	Styrene	0.781	0.883	1.064	1.053	0.961	0.994	0.960	0.966	0.932	0.955	9.00
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
80)	TP	Bromoform		0.448	0.489	0.507	0.464	0.476	0.455	0.468	0.471	0.472	3.96
82)	TP	Isopropylbenzene		2.286	3.198	2.972	2.788	2.907	2.869	3.039	2.987	2.881	9.36
83)	S	4-Bromofluorobenzene	0.839	0.845	0.848	0.847	0.872	0.866	0.868	0.885	0.886	0.862	2.06
84)	TP	Bromobenzene		0.687	0.813	0.814	0.781	0.814	0.813	0.860	0.857	0.805	6.72
85)	TP	n-Propylbenzene		2.552	3.594	3.407	3.210	3.370	3.330	3.478	3.376	3.290	9.67

Initial Calibration Summary
Form 6
Volatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: VOA104**	**Ical Ref**	**: ICAL22828**
Calibration dates	**: 11/19/25 18:33 11/19/25 23:21**		

Calibration Files

0.5 =V04251119A02.D 1.0 =V04251119A04.D 2.0 =V04251119A06.D 4.0 =V04251119A08.D 20 =V04251119A09.D
40 =V04251119A10.D 100 =V04251119A11.D 200 =V04251119A12.D 300 =V04251119A13.D

	Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
86) TP	1,4-Dichlorobutane		0.925	0.849	0.892	0.835	0.858	0.818	0.839	0.823	0.855	4.29
87) TP	1,1,2,2-Tetrachloroethane	0.622	0.805	0.708	0.731	0.609	0.635	0.614	0.637	0.651	0.668	9.91
88) TP	4-Ethyltoluene		2.241	3.025	2.833	2.658	2.785	2.751	2.875	2.799	2.746	8.36
89) TP	2-Chlorotoluene		1.644	2.161	2.088	1.947	1.992	1.910	1.992	1.962	1.962	7.74
90) TP	1,3,5-Trimethylbenzene		1.936	2.605	2.489	2.303	2.413	2.355	2.459	2.407	2.371	8.34
91) TP	1,2,3-Trichloropropane		0.479	0.490	0.499	0.440	0.451	0.432	0.452	0.456	0.462	5.22
92) TP	trans-1,4-Dichloro-2-b...			0.227	0.206	0.165	0.169	0.160	0.166	0.172	0.181	14.08
93) TP	4-Chlorotoluene		1.669	2.054	2.178	1.931	2.000	1.981	2.077	2.040	1.991	7.51
94) TP	tert-Butylbenzene		1.576	2.246	2.136	1.984	2.094	2.071	2.206	2.173	2.061	10.29
97) TP	1,2,4-Trimethylbenzene		2.121	2.584	2.463	2.288	2.401	2.379	2.471	2.406	2.389	5.77
98) TP	sec-Butylbenzene		2.110	3.304	3.246	2.932	3.117	3.075	3.225	3.148	3.020	12.76
99) TP	p-Isopropyltoluene		1.874	2.897	2.710	2.527	2.674	2.664	2.813	2.729	2.611	12.14
100) TP	1,3-Dichlorobenzene		1.217	1.489	1.458	1.372	1.440	1.423	1.487	1.449	1.417	6.28
101) TP	1,4-Dichlorobenzene		1.403	1.600	1.553	1.387	1.436	1.440	1.496	1.470	1.473	5.00
102) TP	p-Diethylbenzene		1.199	1.762	1.567	1.449	1.575	1.600	1.697	1.659	1.564	11.18
103) TP	n-Butylbenzene		1.865	2.654	2.379	2.196	2.387	2.337	2.443	2.371	2.329	9.73
104) TP	1,2-Dichlorobenzene		1.230	1.389	1.434	1.309	1.366	1.354	1.413	1.391	1.361	4.79
105) TP	1,2,4,5-Tetramethylben...		1.938	2.522	2.362	2.245	2.476	2.576	2.688	2.614	2.428	10.01
106) TP	1,2-Dibromo-3-chloropr...		0.093	0.103	0.120	0.100	0.111	0.111	0.116	0.119	0.109	8.76
107) TP	1,3,5-Trichlorobenzene		0.869	1.185	1.101	1.018	1.105	1.140	1.161	1.112	1.086	9.30
108) TP	Hexachlorobutadiene		0.360	0.618	0.580	0.528	0.579	0.581	0.600	0.580	0.553	14.85
109) TP	1,2,4-Trichlorobenzene		0.785	0.944	0.923	0.844	0.925	0.935	0.930	0.891	0.897	6.21
110) TP	Naphthalene		1.588	1.641	1.635	1.414	1.598	1.669	1.715	1.709	1.621	5.90
111) TP	1,2,3-Trichlorobenzene		0.660	0.788	0.785	0.714	0.772	0.802	0.786	0.757	0.758	6.33

Initial Calibration Summary
Form 6
Volatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: VOA100**	**Ical Ref**	**: ICAL22914**
Calibration dates	**: 12/23/25 16:03 12/23/25 20:24**		

Calibration Files

0.5 =V00251223A03.D 1.0 =V00251223A05.D 2.0 =V00251223A07.D 4.0 =V00251223A08.D 20 =V00251223A09.D

40 =V00251223A10.D 100 =V00251223A11.D 200 =V00251223A12.D 300 =V00251223A13.D

		Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
1)	I	Fluorobenzene	ISTD										
2)	TP	Dichlorodifluoromethane		0.251	0.321	0.309	0.276	0.315	0.299	0.303	0.315	0.299	7.90
3)	TP	Chloromethane		0.311	0.338	0.321	0.290	0.316	0.304	0.296	0.309	0.310	4.81
4)	TP	Vinyl chloride		0.258	0.329	0.314	0.297	0.326	0.309	0.310	0.320	0.308	7.35
5)	TP	Bromomethane		0.134	0.157	0.156	0.149	0.165	0.169	0.170	0.185	0.161	9.60
6)	TP	Chloroethane		0.175	0.216	0.207	0.191	0.207	0.198	0.182	0.167	0.193	8.84
7)	TP	Trichlorofluoromethane		0.370	0.455	0.427	0.389	0.443	0.423	0.433	0.451	0.424	7.10
8)	TP	Ethyl ether		0.135	0.142	0.146	0.153	0.158	0.157	0.164	0.159	0.152	6.47
10)	TP	1,1-Dichloroethene		0.206	0.252	0.248	0.237	0.269	0.257	0.259	0.268	0.250	8.26
11)	TP	Carbon disulfide			1.402	1.144	0.885	0.950	0.894	0.896	0.918	1.013	19.15
12)	TP	Freon-113		0.214	0.256	0.240	0.229	0.268	0.253	0.261	0.270	0.249	7.88
14)	TP	Acrolein			0.015	0.019	0.023	0.023	0.023	0.024	0.024	0.022	16.14
15)	TP	Methylene chloride		0.324	0.330	0.328	0.299	0.305	0.297	0.296	0.294	0.309	5.03
17)	TP	Acetone			0.177	0.154	0.135	0.133	0.126	0.130	0.119	0.139	14.42
18)	TP	trans-1,2-Dichloroethene		0.247	0.290	0.291	0.280	0.301	0.292	0.291	0.299	0.286	5.95
19)	TP	Methyl acetate		0.235	0.204	0.153	0.176	0.176	0.176	0.186	0.178	0.186	13.16
20)	TP	Methyl tert-butyl ether		0.727	0.786	0.759	0.817	0.826	0.822	0.849	0.814	0.800	5.04
21)	TP	tert-Butyl alcohol		0.027	0.027	0.026	0.033	0.031	0.031	0.035	0.033	0.030	11.51
22)	TP	Diisopropyl ether		0.779	0.873	0.863	0.903	0.940	0.928	0.939	0.917	0.893	6.06
23)	TP	1,1-Dichloroethane		0.463	0.530	0.531	0.510	0.535	0.514	0.510	0.512	0.513	4.40
24)	TP	Halothane		0.190	0.229	0.225	0.210	0.234	0.225	0.228	0.234	0.222	6.75
25)	TP	Acrylonitrile		0.070	0.070	0.077	0.092	0.090	0.088	0.094	0.089	0.084	11.70
26)	TP	Ethyl tert-butyl ether		0.724	0.800	0.804	0.843	0.877	0.865	0.883	0.855	0.832	6.39
27)	TP	Vinyl acetate		0.654	0.674	0.628	0.717	0.729	0.731	0.758	0.733	0.703	6.47
28)	TP	cis-1,2-Dichloroethene		0.276	0.326	0.324	0.316	0.331	0.321	0.320	0.325	0.317	5.42
29)	TP	2,2-Dichloropropane		0.409	0.473	0.444	0.415	0.448	0.432	0.435	0.442	0.437	4.50
31)	TP	Bromochloromethane		0.131	0.159	0.154	0.162	0.162	0.157	0.156	0.152	0.154	6.56
32)	TP	Cyclohexane		0.401	0.489	0.446	0.421	0.489	0.464	0.470	0.483	0.458	7.14
33)	TP	Chloroform		0.526	0.572	0.562	0.540	0.562	0.539	0.538	0.540	0.547	2.93
34)	TP	Ethyl acetate		0.289	0.279	0.244	0.276	0.267	0.268	0.287	0.274	0.273	5.19
35)	TP	Carbon tetrachloride		0.378	0.462	0.423	0.395	0.454	0.427	0.445	0.453	0.430	6.97
36)	TP	Tetrahydrofuran		0.134	0.106	0.094	0.091	0.083	0.083	0.088	0.083	0.096	18.00
37)	S	Dibromofluoromethane	0.285	0.281	0.282	0.284	0.273	0.275	0.271	0.277	0.272	0.278	1.92
38)	TP	1,1,1-Trichloroethane	0.381	0.385	0.455	0.460	0.431	0.481	0.455	0.457	0.471	0.442	8.16
40)	TP	2-Butanone			0.121	0.122	0.116	0.117	0.116	0.125	0.121	0.120	2.84
41)	TP	1,1-Dichloropropene	0.291	0.318	0.390	0.366	0.362	0.397	0.381	0.383	0.393	0.365	10.03

Initial Calibration Summary
Form 6
Volatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: VOA100**	**Ical Ref**	**: ICAL22914**
Calibration dates	**: 12/23/25 16:03 12/23/25 20:24**		

Calibration Files

0.5 =V00251223A03.D 1.0 =V00251223A05.D 2.0 =V00251223A07.D 4.0 =V00251223A08.D 20 =V00251223A09.D

40 =V00251223A10.D 100 =V00251223A11.D 200 =V00251223A12.D 300 =V00251223A13.D

		Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
42)	TP	Benzene	0.914	0.959	1.089	1.082	1.075	1.129	1.092	1.085	1.098	1.058	6.75
43)	TP	Tertiary-Amyl Methyl Ether		0.702	0.738	0.730	0.786	0.803	0.794	0.825	0.793	0.771	5.52
44)	S	1,2-Dichloroethane	0.287	0.283	0.280	0.280	0.268	0.264	0.267	0.283	0.273	0.276	3.00
45)	TP	1,2-Dichloroethane		0.359	0.378	0.383	0.383	0.387	0.377	0.383	0.375	0.378	2.31
48)	TP	Methyl Cyclohexane		0.413	0.480	0.435	0.443	0.520	0.502	0.511	0.531	0.479	9.22
49)	TP	Trichloroethene	0.238	0.259	0.298	0.295	0.290	0.314	0.305	0.311	0.319	0.292	9.20
51)	TP	Dibromomethane		0.170	0.180	0.183	0.187	0.190	0.186	0.192	0.188	0.184	3.81
52)	TP	1,2-Dichloropropane		0.241	0.286	0.282	0.287	0.298	0.290	0.293	0.292	0.284	6.28
54)	TP	2-Chloroethylvinyl ether		0.119	0.137	0.138	0.161	0.162	0.168	0.178	0.174	0.155	13.39
55)	TP	Bromodichloromethane	0.372	0.376	0.429	0.413	0.420	0.432	0.424	0.431	0.429	0.414	5.65
58)	TP	1,4-Dioxane		0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.002	0.002#	15.29
59)	TP	cis-1,3-Dichloropropene	0.411	0.416	0.470	0.478	0.488	0.504	0.497	0.506	0.501	0.474	7.72
60)	I	Chlorobenzene-d5	----------ISTD----------										
61)	S	Toluene-d8	1.277	1.280	1.286	1.296	1.295	1.297	1.282	1.266	1.288	1.285	0.79
62)	TP	Toluene		0.773	0.884	0.883	0.887	0.940	0.899	0.895	0.920	0.885	5.57
63)	TP	4-Methyl-2-pen		0.083	0.098	0.100	0.120	0.123	0.122	0.128	0.125	0.112	14.63
64)	TP	Tetrachloroethene	0.355	0.367	0.441	0.410	0.418	0.471	0.450	0.456	0.476	0.427	10.14
66)	TP	trans-1,3-Dichloropropene		0.475	0.520	0.513	0.556	0.575	0.560	0.564	0.560	0.540	6.33
68)	TP	Ethyl methacrylate		0.374	0.399	0.407	0.450	0.459	0.441	0.454	0.440	0.428	7.21
69)	TP	1,1,2-Trichloroethane		0.229	0.246	0.242	0.265	0.269	0.259	0.263	0.260	0.254	5.36
70)	TP	Chlorodibromomethane	0.358	0.362	0.406	0.398	0.430	0.442	0.431	0.440	0.438	0.412	8.00
71)	TP	1,3-Dichloropropane		0.476	0.521	0.505	0.537	0.544	0.524	0.530	0.522	0.520	4.06
72)	TP	1,2-Dibromoethane	0.286	0.262	0.307	0.304	0.331	0.338	0.329	0.338	0.333	0.314	8.49
73)	TP	2-Hexanone		0.209	0.219	0.211	0.234	0.236	0.230	0.244	0.235	0.227	5.65
74)	TP	Chlorobenzene	0.913	0.903	1.043	1.012	1.035	1.078	1.038	1.031	1.049	1.011	6.04
75)	TP	Ethylbenzene		1.529	1.725	1.642	1.661	1.778	1.698	1.678	1.704	1.677	4.33
76)	TP	1,1,1,2-Tetrachloroethane	0.336	0.338	0.372	0.377	0.393	0.413	0.401	0.403	0.405	0.382	7.45
77)	TP	p/m Xylene	0.577	0.622	0.676	0.656	0.662	0.709	0.670	0.661	0.670	0.656	5.69
78)	TP	o Xylene	0.586	0.598	0.673	0.650	0.664	0.691	0.661	0.653	0.658	0.648	5.27
79)	TP	Styrene	0.975	0.985	1.127	1.096	1.141	1.179	1.123	1.101	1.091	1.091	6.25
80)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
81)	TP	Bromoform		0.446	0.475	0.464	0.511	0.522	0.531	0.556	0.545	0.506	7.91
83)	TP	Isopropylbenzene		2.521	2.997	2.765	2.884	3.113	3.066	3.039	3.115	2.938	7.03
84)	S	4-Bromofluorobenzene	0.796	0.796	0.786	0.785	0.794	0.790	0.800	0.816	0.809	0.797	1.27
85)	TP	Bromobenzene		0.689	0.787	0.791	0.825	0.844	0.847	0.855	0.865	0.813	7.08
86)	TP	n-Propylbenzene		2.980	3.430	3.146	3.328	3.569	3.472	3.395	3.441	3.345	5.74

Initial Calibration Summary
Form 6
Volatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: VOA100**	**Ical Ref**	**: ICAL22914**
Calibration dates	**: 12/23/25 16:03 12/23/25 20:24**		

Calibration Files

0.5 =V00251223A03.D 1.0 =V00251223A05.D 2.0 =V00251223A07.D 4.0 =V00251223A08.D 20 =V00251223A09.D

40 =V00251223A10.D 100 =V00251223A11.D 200 =V00251223A12.D 300 =V00251223A13.D

	Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
87) TP	1,4-Dichlorobutane		0.854	0.895	0.882	0.950	0.942	0.941	0.974	0.946	0.923	4.44
88) TP	1,1,2,2-Tetrachloroethane	0.656	0.624	0.681	0.653	0.725	0.719	0.716	0.742	0.717	0.693	5.86
89) TP	4-Ethyltoluene		2.621	2.925	2.744	2.880	3.044	2.983	2.915	2.961	2.884	4.77
90) TP	2-Chlorotoluene		1.843	2.011	1.978	2.000	2.062	2.029	1.994	2.049	1.996	3.41
91) TP	1,3,5-Trimethylbenzene		2.287	2.547	2.365	2.498	2.621	2.563	2.492	2.527	2.487	4.40
92) TP	1,2,3-Trichloropropane		0.501	0.584	0.531	0.574	0.568	0.569	0.574	0.556	0.557	4.96
93) TP	trans-1,4-Dichloro-2-butene		0.198	0.200	0.197	0.228	0.226	0.228	0.225	0.223	0.216	6.71
94) TP	4-Chlorotoluene		1.892	2.122	2.006	2.095	2.149	2.112	2.085	2.100	2.070	4.02
95) TP	tert-Butylbenzene		1.930	2.202	2.004	2.114	2.307	2.257	2.205	2.264	2.160	6.18
98) TP	1,2,4-Trimethylbenzene		2.271	2.482	2.336	2.495	2.589	2.541	2.476	2.499	2.461	4.28
99) TP	sec-Butylbenzene		2.901	3.282	3.002	3.168	3.438	3.351	3.229	3.306	3.210	5.61
100) TP	p-Isopropyltoluene		2.479	2.781	2.620	2.763	2.976	2.903	2.801	2.848	2.771	5.70
101) TP	1,3-Dichlorobenzene		1.401	1.528	1.475	1.563	1.588	1.575	1.553	1.545	1.529	4.05
102) TP	1,4-Dichlorobenzene		1.448	1.591	1.489	1.591	1.591	1.582	1.560	1.554	1.551	3.48
103) TP	p-Diethylbenzene		1.495	1.701	1.569	1.669	1.798	1.759	1.691	1.726	1.676	5.94
104) TP	n-Butylbenzene		2.211	2.552	2.349	2.471	2.645	2.557	2.453	2.491	2.466	5.47
105) TP	1,2-Dichlorobenzene		1.294	1.448	1.379	1.488	1.493	1.490	1.472	1.458	1.440	4.84
106) TP	1,2,4,5-Tetramethylbenzene		2.214	2.397	2.249	2.557	2.678	2.675	2.600	2.622	2.499	7.50
107) TP	1,2-Dibromo-3-chloropropane		0.113	0.140	0.130	0.149	0.147	0.149	0.154	0.150	0.141	9.69
108) TP	1,3,5-Trichlorobenzene		1.124	1.243	1.125	1.267	1.275	1.260	1.219	1.223	1.217	4.96
109) TP	Hexachlorobutadiene		0.578	0.664	0.593	0.620	0.675	0.663	0.632	0.668	0.637	5.80
110) TP	1,2,4-Trichlorobenzene		1.036	1.064	1.012	1.117	1.120	1.119	1.104	1.085	1.082	3.81
111) TP	Naphthalene		2.092	2.115	1.953	2.267	2.260	2.285	2.321	2.254	2.193	5.78
112) TP	1,2,3-Trichlorobenzene		0.939	1.007	0.930	1.033	1.042	1.040	1.018	1.002	1.001	4.37

Response Factor Report VOA123

Method Path : K:\VOA123\2025\251103NICAL\
Method File : V123_251103N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Nov 04 12:36:05 2025
Response Via : Initial Calibration

Calibration Files
L1 =V23251103N05.D L2 =V23251103N08.D L3 =V23251103N09.D L4 =V23251103N10.D L6 =V23251103N11.D
L7 =V23251103N12.D L8 =V23251103N13.D L0 =V23251103N04.D L1.5=V23251103N07.D

		Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------										
2)	TP	Dichlorodifluo...	0.144	0.195	0.238	0.226	0.243	0.232	0.241	0.244	0.220		15.69
3)	TP	Chloromethane	0.205	0.204	0.248	0.245	0.253	0.249	0.261	0.251	0.240		9.25
4)	TC	Vinyl chloride	0.148	0.228	0.283	0.272	0.288	0.280	0.296	0.285	0.260		19.16
5)	TP	Bromomethane	0.130	0.133	0.158	0.164	0.184	0.197	0.214	0.151	0.166		18.10
6)	TP	Chloroethane	0.143	0.148	0.178	0.182	0.201	0.205	0.210	0.176	0.180		13.91
7)	TP	Trichlorofluor...	0.272	0.348	0.416	0.402	0.425	0.424	0.451	0.410	0.393		14.55
8)	TP	Ethyl ether	0.105	0.127	0.138	0.136	0.140	0.139	0.143	0.123	0.132		9.81
10)	TC	1,1-Dichloroet...	0.150	0.185	0.217	0.213	0.227	0.222	0.237	0.214	0.208		13.45
11)	TP	Carbon disulfide	0.752	0.680	0.764	0.735	0.777	0.761	0.803	0.861	0.767		6.80
12)	TP	Freon-113	0.152	0.186	0.211	0.217	0.231	0.223	0.243	0.225	0.211		13.73
14)	TP	Acrolein	0.023	0.025	0.026	0.026	0.026	0.027	0.029	0.027	0.026		6.69
15)	TP	Methylene chlo...	0.248	0.253	0.276	0.270	0.271	0.268	0.278	0.297	0.270		5.61
17)	TP	Acetone		0.147	0.071	0.066	0.062	0.058	0.058		*L		0.9997
18)	TP	trans-1,2-Dich...	0.173	0.215	0.259	0.255	0.262	0.259	0.271	0.252	0.243		13.47
19)	TP	Methyl acetate	0.102	0.101	0.102	0.108	0.111	0.107	0.106	0.095	0.104		4.75
20)	TP	Methyl tert-bu...	0.603	0.648	0.706	0.714	0.729	0.723	0.736	0.692	0.694		6.63
21)	TP	tert-Butyl alc...	0.015	0.018	0.020	0.021	0.020	0.021	0.020	0.018	0.019		9.74
22)	TP	Diisopropyl ether	0.630	0.683	0.774	0.771	0.786	0.784	0.803	0.766	0.750		8.05
23)	TP	1,1-Dichloroet...	0.346	0.407	0.477	0.465	0.478	0.471	0.475	0.459	0.447		10.53
24)	TP	Halothane	0.133	0.156	0.191	0.187	0.196	0.193	0.203	0.190	0.181		13.20
25)	TP	Acrylonitrile		0.047	0.056	0.055	0.059	0.059	0.057	0.045	0.054		10.23
26)	TP	Ethyl tert-but...	0.614	0.697	0.781	0.782	0.808	0.811	0.834	0.750	0.760		9.53
27)	TP	Vinyl acetate	0.463	0.470	0.524	0.541	0.548	0.552	0.567	0.474	0.517		8.08
28)	TP	cis-1,2-Dichlo...	0.224	0.254	0.295	0.291	0.295	0.292	0.302	0.279	0.279		9.58
29)	TP	2,2-Dichloropr...	0.280	0.324	0.385	0.380	0.395	0.386	0.407	0.388	0.368		11.76
30)	TP	Bromochloromet...	0.099	0.118	0.131	0.132	0.132	0.129	0.132	0.123	0.125		9.28
31)	TP	Cyclohexane	0.298	0.335	0.361	0.382	0.399	0.385	0.415	0.408	0.373		10.68
32)	TC	Chloroform	0.716	0.517	0.507	0.492	0.495	0.486	0.502	0.663	0.547		16.32
33)	TP	Ethyl acetate		0.154	0.175	0.178	0.183	0.178	0.182	0.175	0.175		5.62
34)	TP	Carbon tetrach...	0.267	0.309	0.357	0.366	0.388	0.374	0.406	0.370	0.355		12.70

Response Factor Report VOA123

Method Path : K:\VOA123\2025\251103NICAL\
Method File : V123_251103N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Nov 04 12:36:05 2025
Response Via : Initial Calibration

Calibration Files
L1 =V23251103N05.D L2 =V23251103N08.D L3 =V23251103N09.D L4 =V23251103N10.D L6 =V23251103N11.D
L7 =V23251103N12.D L8 =V23251103N13.D L0 =V23251103N04.D L1.5=V23251103N07.D

		Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
35)	TP	Tetrahydrofuran		0.052	0.054	0.054	0.054	0.053	0.054		0.067	0.055	9.22
36)	S	Dibromofluorom...	0.247	0.248	0.252	0.255	0.254	0.256	0.255	0.249	0.251	0.252	1.32
37)	TP	1,1,1-Trichlor...	0.298	0.346	0.408	0.406	0.419	0.407	0.429	0.282	0.410	0.378	14.59
39)	TP	2-Butanone		0.104	0.071	0.070	0.072	0.069	0.070			0.076	18.01
40)	TP	1,1-Dichloropr...	0.234	0.270	0.318	0.313	0.324	0.314	0.333	0.230	0.315	0.295	13.33
41)	TP	Benzene	0.764	0.848	0.992	0.988	1.002	0.982	1.025	0.800	0.990	0.932	10.65
42)	TP	tert-Amyl meth...	0.565	0.621	0.695	0.701	0.713	0.714	0.735		0.649	0.674	8.56
43)	S	1,2-Dichloroet...	0.250	0.261	0.250	0.256	0.255	0.260	0.272	0.257	0.259	0.258	2.56
44)	TP	1,2-Dichloroet...	0.299	0.324	0.352	0.350	0.353	0.349	0.358		0.334	0.340	5.88
47)	TP	Methyl cyclohe...	0.312	0.364	0.382	0.418	0.441	0.427	0.467		0.409	0.403	12.11
48)	TP	Trichloroethene	0.198	0.234	0.273	0.272	0.282	0.280	0.299	0.198	0.267	0.256	14.52
50)	TP	Dibromomethane	0.114	0.145	0.158	0.159	0.163	0.162	0.167		0.148	0.152	11.29
51)	TC	1,2-Dichloropr...	0.221	0.233	0.268	0.266	0.266	0.267	0.275		0.257	0.257	7.49
53)	TP	2-Chloroethyl ...	0.062	0.099	0.115	0.119	0.121	0.119	0.121		0.092	0.106	19.85
54)	TP	Bromodichlorom...	0.284	0.321	0.384	0.386	0.395	0.395	0.412	0.305	0.362	0.360	12.72
57)	TP	1,4-Dioxane		0.001	0.002	0.002	0.002	0.002	0.002		0.001	0.001#	14.15
58)	TP	cis-1,3-Dichlo...	0.312	0.366	0.423	0.437	0.444	0.447	0.461	0.306	0.372	0.396	14.93
59)	I	Chlorobenzene-d5	----------ISTD----------										
60)	S	Toluene-d8	1.361	1.370	1.367	1.348	1.338	1.339	1.329	1.363	1.358	1.353	1.07
61)	TC	Toluene	0.687	0.778	0.886	0.877	0.905	0.886	0.923		0.860	0.850	9.28
62)	TP	4-Methyl-2-pen...	0.055	0.086	0.097	0.099	0.106	0.103	0.103		0.075	0.091	19.31
63)	TP	Tetrachloroethene	0.284	0.341	0.378	0.393	0.412	0.397	0.424	0.278	0.384	0.366	14.53
65)	TP	trans-1,3-Dich...	0.321	0.422	0.509	0.521	0.544	0.535	0.544		0.435	0.479	16.64
67)	TP	Ethyl methacry...	0.261	0.328	0.388	0.392	0.413	0.404	0.407		0.294	0.361	16.18
68)	TP	1,1,2-Trichlor...	0.196	0.233	0.255	0.253	0.256	0.252	0.254		0.254	0.244	8.46
69)	TP	Chlorodibromom...	0.272	0.320	0.378	0.385	0.407	0.404	0.410	0.261	0.319	0.351	16.81
70)	TP	1,3-Dichloropr...	0.400	0.461	0.506	0.504	0.515	0.499	0.499		0.474	0.482	7.82
71)	TP	1,2-Dibromoethane	0.210	0.260	0.299	0.301	0.310	0.304	0.304	0.202	0.250	0.271	15.65
72)	TP	2-Hexanone		0.153	0.155	0.160	0.173	0.168	0.166			0.162	4.91
73)	TP	Chlorobenzene	0.773	0.917	1.031	1.025	1.053	1.043	1.067	0.841	0.995	0.972	10.75
74)	TC	Ethylbenzene	1.397	1.558	1.692	1.713	1.770	1.742	1.805		1.788	1.683	8.27

Response Factor Report VOA123

Method Path : K:\VOA123\2025\251103NICAL\
Method File : V123_251103N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Nov 04 12:36:05 2025
Response Via : Initial Calibration

Calibration Files
L1 =V23251103N05.D L2 =V23251103N08.D L3 =V23251103N09.D L4 =V23251103N10.D L6 =V23251103N11.D
L7 =V23251103N12.D L8 =V23251103N13.D L0 =V23251103N04.D L1.5=V23251103N07.D

		Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
75)	TP	1,1,1,2-Tetrac...	0.280	0.334	0.382	0.388	0.403	0.402	0.409	0.255	0.343	0.355	15.91
76)	TP	p/m Xylene	0.491	0.584	0.652	0.668	0.697	0.689	0.720	0.505	0.658	0.629	13.30
77)	TP	o Xylene	0.502	0.586	0.655	0.668	0.695	0.696	0.721	0.538	0.655	0.635	11.96
78)	TP	Styrene	0.810	0.961	1.115	1.143	1.214	1.211	1.245	0.899	1.035	1.070	14.35
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
80)	TP	Bromoform	0.328	0.351	0.426	0.454	0.507	0.508	0.516		0.384	0.434	17.08
82)	TP	Isopropylbenzene	2.350	2.790	2.990	3.143	3.256	3.153	3.229		3.074	2.998	10.04
83)	S	4-Bromofluorob...	0.909	0.903	0.898	0.897	0.891	0.870	0.850	0.909	0.921	0.894	2.44
84)	TP	Bromobenzene	0.657	0.764	0.834	0.843	0.855	0.848	0.853		0.812	0.808	8.41
85)	TP	n-Propylbenzene	2.846	3.301	3.574	3.743	3.872	3.736	3.821		3.659	3.569	9.57
86)	TP	1,4-Dichlorobu...	0.813	0.852	0.914	0.932	0.958	0.945	0.941		0.932	0.911	5.62
87)	TP	1,1,2,2-Tetrac...	0.599	0.643	0.694	0.692	0.699	0.681	0.669	0.601	0.661	0.660	5.82
88)	TP	4-Ethyltoluene	2.361	2.744	2.990	3.140	3.224	3.122	3.174		3.006	2.970	9.71
89)	TP	2-Chlorotoluene	1.856	2.059	2.268	2.302	2.391	2.296	2.340		2.315	2.229	8.05
90)	TP	1,3,5-Trimethy...	2.165	2.479	2.613	2.758	2.833	2.753	2.819		2.656	2.635	8.48
91)	TP	1,2,3-Trichlor...	0.472	0.511	0.524	0.532	0.546	0.527	0.522		0.539	0.522	4.34
92)	TP	trans-1,4-Dich...		0.150	0.184	0.189	0.200	0.192	0.191			0.184	9.56
93)	TP	4-Chlorotoluene	1.852	2.111	2.314	2.373	2.415	2.356	2.383		2.315	2.265	8.43
94)	TP	tert-Butylbenzene	1.780	2.064	2.174	2.326	2.383	2.296	2.407		2.218	2.206	9.35
97)	TP	1,2,4-Trimethy...	2.100	2.442	2.627	2.748	2.804	2.769	2.833		2.626	2.619	9.36
98)	TP	sec-Butylbenzene	2.581	3.076	3.202	3.479	3.615	3.463	3.602		3.382	3.300	10.45
99)	TP	p-Isopropyltol...	2.273	2.626	2.809	3.026	3.123	3.026	3.144		2.838	2.858	10.31
100)	TP	1,3-Dichlorobe...	1.218	1.399	1.545	1.610	1.650	1.628	1.647		1.527	1.528	9.85
101)	TP	1,4-Dichlorobe...	1.392	1.476	1.557	1.630	1.634	1.619	1.626		1.589	1.565	5.61
102)	TP	p-Diethylbenzene	1.305	1.562	1.673	1.800	1.842	1.821	1.881		1.654	1.692	11.27
103)	TP	n-Butylbenzene	1.994	2.355	2.528	2.725	2.792	2.715	2.772		2.629	2.564	10.60
104)	TP	1,2-Dichlorobe...	1.163	1.336	1.459	1.517	1.542	1.513	1.523		1.406	1.432	9.04
105)	TP	1,2,4,5-Tetram...	2.233	2.569	2.745	2.939	2.947	2.964	3.032		2.612	2.755	9.88
106)	TP	1,2-Dibromo-3-...		0.086	0.099	0.105	0.114	0.112	0.113		0.078	0.101	14.19
107)	TP	1,3,5-Trichlor...	0.966	1.106	1.187	1.241	1.248	1.231	1.237		1.195	1.176	8.25
108)	TP	Hexachlorobuta...	0.491	0.547	0.555	0.617	0.629	0.612	0.643		0.593	0.586	8.74

Method Path : K:\VOA123\2025\251103NICAL\
Method File : V123_251103N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Nov 04 12:36:05 2025
Response Via : Initial Calibration

Calibration Files
L1 =V23251103N05.D L2 =V23251103N08.D L3 =V23251103N09.D L4 =V23251103N10.D L6 =V23251103N11.D
L7 =V23251103N12.D L8 =V23251103N13.D L0 =V23251103N04.D L1.5=V23251103N07.D

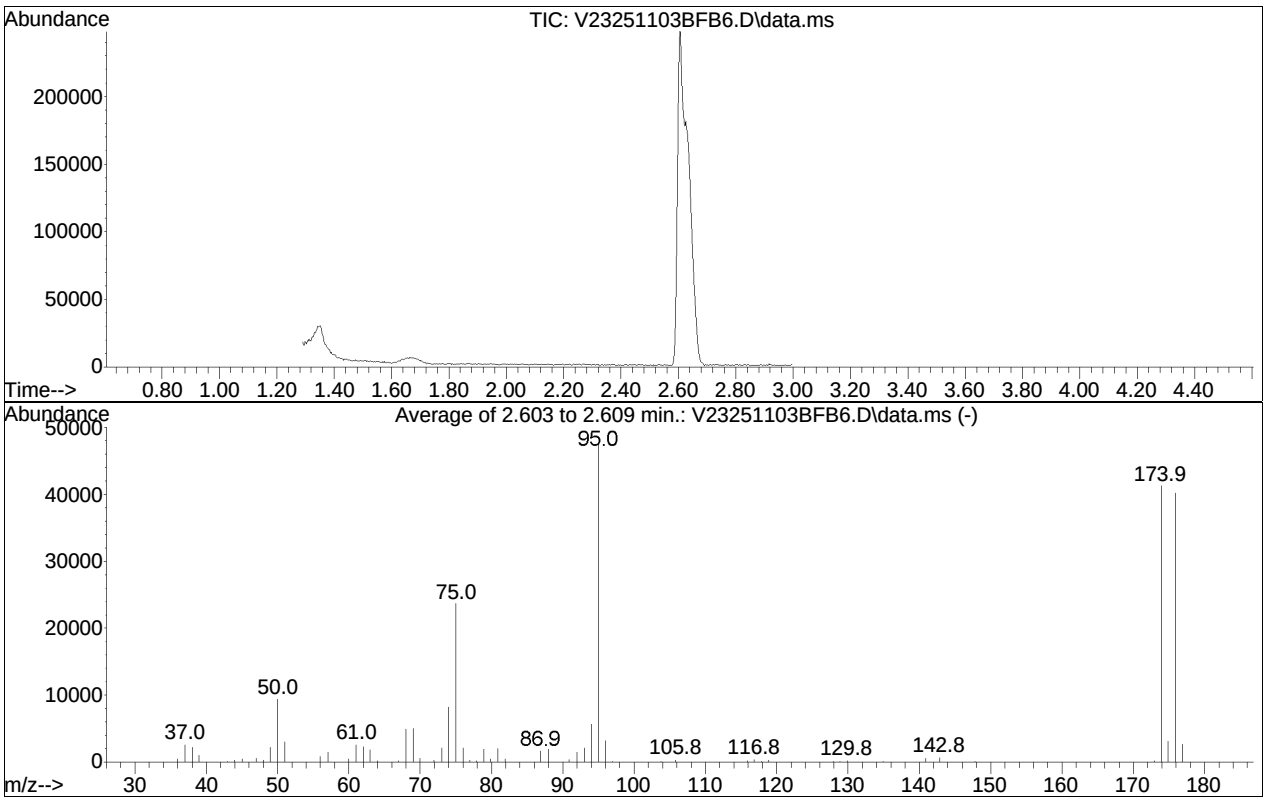
	Compound	L1	L2	L3	L4	L6	L7	L8	L0	L1.5	Avg	%RSD
109)	TP 1,2,4-Trichlor...	0.872	1.019	1.030	1.107	1.072	1.063	1.057	1.037	1.032		6.83
110)	TP Naphthalene	1.849	1.932	2.015	2.084	2.040	1.957	1.951	1.997	1.978		3.67
111)	TP 1,2,3-Trichlor...	0.734	0.882	0.902	0.958	0.919	0.884	0.863	0.929	0.884		7.66

(#) = Out of Range

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103BFB6.D
Acq On : 03 Nov 2025 06:36 pm
Operator : VOA123:raw
Sample : WG2136903-1
Misc : WG2136903,ICAL
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Nov 04 12:36:05 2025



AutoFind: Scans 472, 473, 474; Background Corrected with Scan 461

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.7	9413	PASS
75	95	30	60	49.6	23688	PASS
95	95	100	100	100.0	47733	PASS
96	95	5	9	6.8	3233	PASS
173	174	0.00	2	0.4	159	PASS
174	95	50	100	86.5	41280	PASS
175	174	5	9	7.5	3099	PASS
176	174	95	101	97.4	40216	PASS
177	176	5	9	6.5	2622	PASS

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N04.D
Acq On : 03 Nov 2025 08:17 pm
Operator : VOA123:AJK
Sample : I8260STD0.5PPB
Misc : WG2136903,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 04 12:19:28 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-L0_OH - Level 0.5ppb for Soils OH

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.520	96	211024	20.000	ug/L	0.00
Standard Area 1 = 201320			Recovery = 104.82%			
59) Chlorobenzene-d5	8.992	117	150512	20.000	ug/L	0.00
Standard Area 1 = 146207			Recovery = 102.94%			
79) 1,4-Dichlorobenzene-d4	11.800	152	80450	20.000	ug/L	0.00
Standard Area 1 = 79326			Recovery = 101.42%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.734	113	52628	19.527	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.64%			
43) 1,2-Dichloroethane-d4	5.238	65	54320	20.095	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.48%			
60) Toluene-d8	7.174	98	205151	20.217	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.09%			
83) 4-Bromofluorobenzene	10.537	95	73145	20.272	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.36%			
Target Compounds						Qvalue
37) 1,1,1-Trichloroethane	4.759	97	1490	0.348	ug/L #	69
40) 1,1-Dichloropropene	4.882	75	1216	0.368	ug/L #	54
41) Benzene	5.110	78	4218	0.404	ug/L #	87
48) Trichloroethene	5.699	95	1042M1	0.363	ug/L	
54) Bromodichloromethane	6.284	83	1609M1	0.395	ug/L	
58) cis-1,3-Dichloropropene	6.979	75	1614	0.350	ug/L #	66
63) Tetrachloroethene	7.681	166	1047	0.354	ug/L #	34
69) Chlorodibromomethane	8.097	129	983	0.339	ug/L	88
71) 1,2-Dibromoethane	8.359	107	759M1	0.335	ug/L	
73) Chlorobenzene	9.012	112	3166	0.410	ug/L #	69
75) 1,1,1,2-Tetrachloroethane	9.092	131	959	0.328	ug/L #	44
76) p/m Xylene	9.243	106	3797	0.755	ug/L	90
77) o Xylene	9.784	106	4046	0.804	ug/L	100
78) Styrene	9.862	104	6762	0.786	ug/L	98
87) 1,1,2,2-Tetrachloroethane	10.805	83	1208	0.434	ug/L #	90

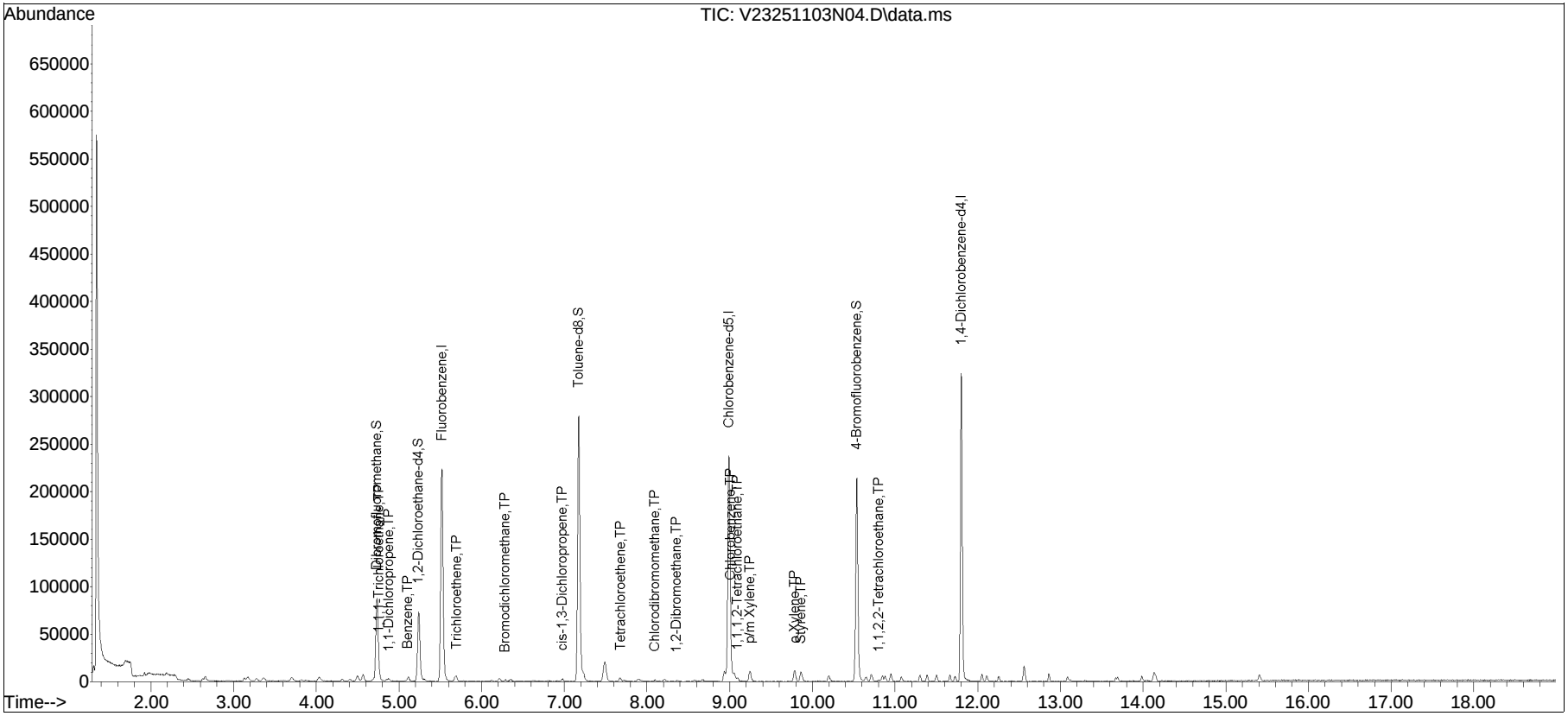
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N04.D
Acq On : 03 Nov 2025 08:17 pm
Operator : VOA123:AJK
Sample : I8260STD0.5PPB
Misc : WG2136903,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 04 12:19:28 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

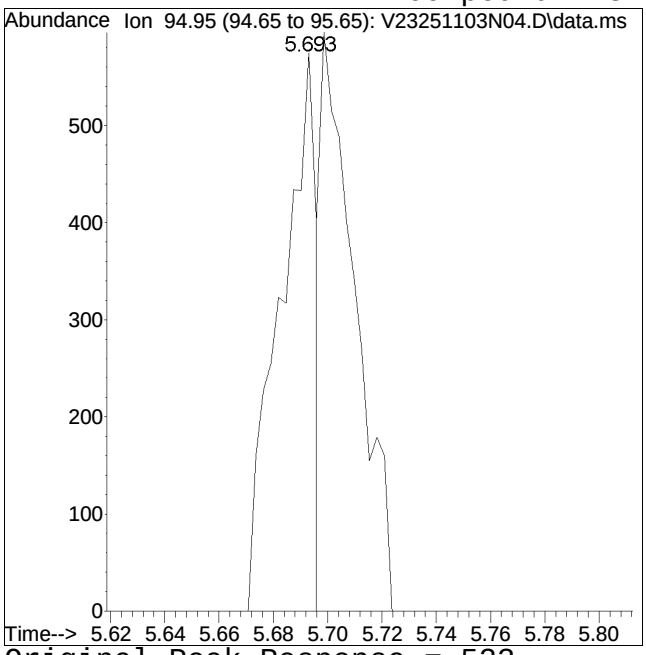
Sub List : 8260-L0_OH - Level 0.5ppb for Soils OH03N10.D•



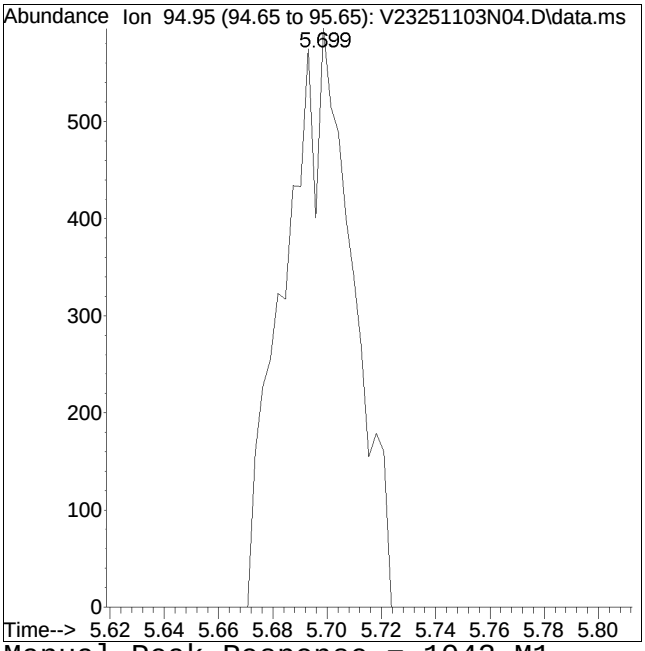
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N04.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:17 pm Instrument : VOA123
Sample : I8260STD0.5PPB Quant Date : 11/4/2025 12:14 pm

Compound #48: Trichloroethene



Original Peak Response = 523



Manual Peak Response = 1042 M1

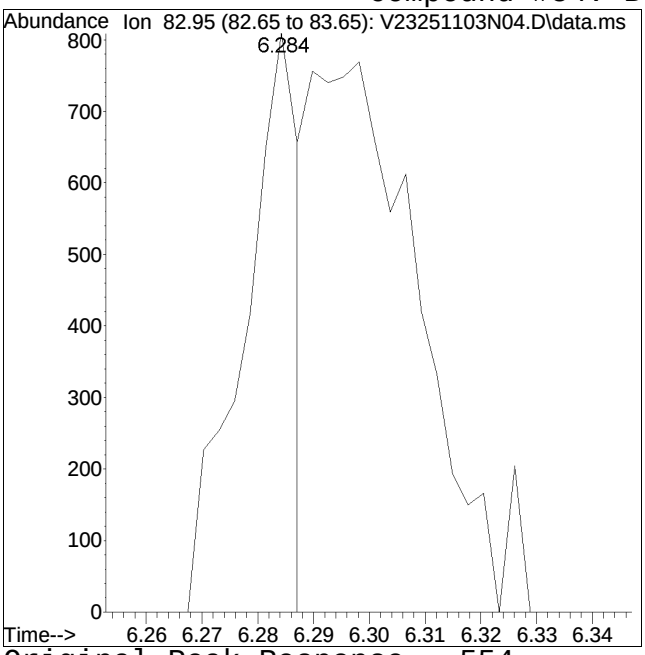
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

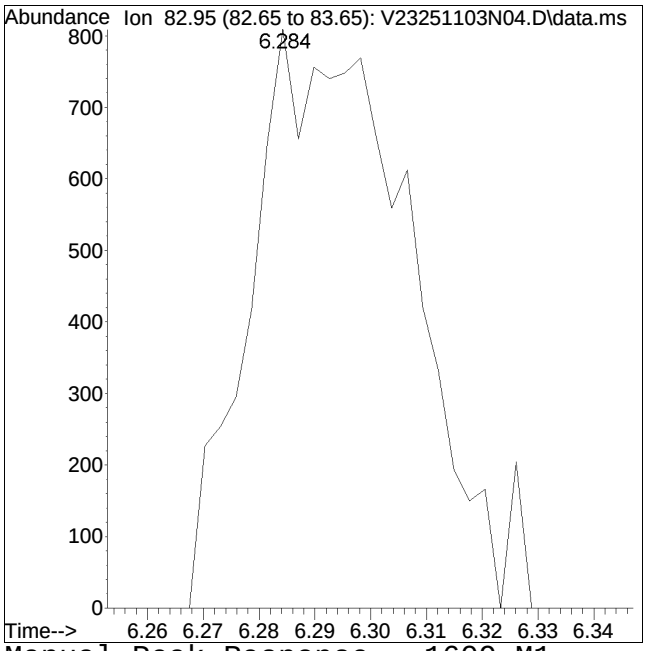
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N04.D
Date Inj'd : 11/3/2025 8:17 pm
Sample : I8260STD0.5PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #54: Bromodichloromethane



Original Peak Response = 554



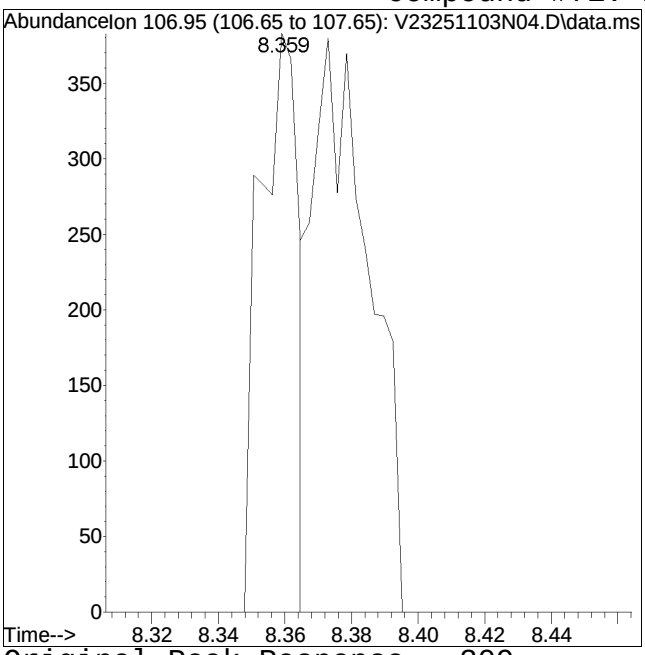
Manual Peak Response = 1609 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

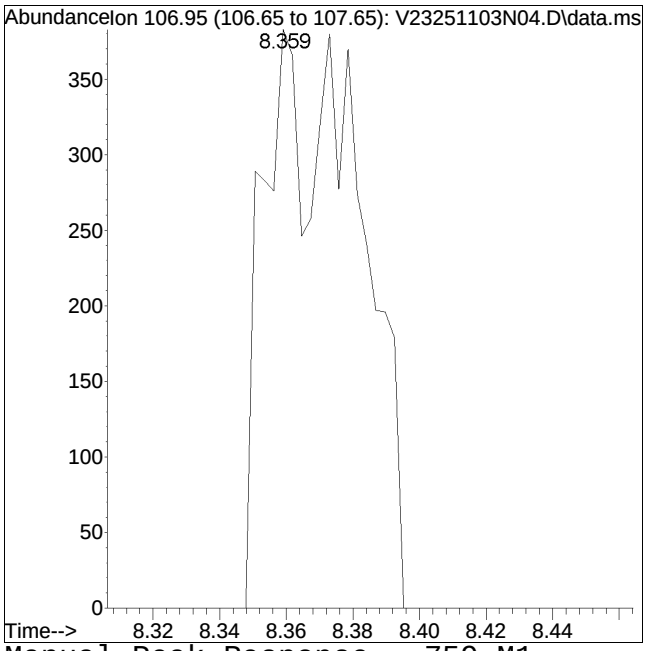
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N04.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:17 pm Instrument : VOA123
Sample : I8260STD0.5PPB Quant Date : 11/4/2025 12:14 pm

Compound #71: 1,2-Dibromoethane



Original Peak Response = 309



Manual Peak Response = 759 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N05.D
Acq On : 03 Nov 2025 08:43 pm
Operator : VOA123:AJK
Sample : I8260STD1PPB
Misc : WG2136903,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 04 12:22:37 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.520	96	210186	20.000 ug/L	0.00
Standard Area 1 = 201320			Recovery = 104.40%		
59) Chlorobenzene-d5	8.989	117	149438	20.000 ug/L	0.00
Standard Area 1 = 146207			Recovery = 102.21%		
79) 1,4-Dichlorobenzene-d4	11.800	152	80193	20.000 ug/L	0.00
Standard Area 1 = 79326			Recovery = 101.09%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.734	113	51902	19.334 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.67%		
43) 1,2-Dichloroethane-d4	5.241	65	52564	19.523 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.61%		
60) Toluene-d8	7.177	98	203384	20.187 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.94%		
83) 4-Bromofluorobenzene	10.537	95	72871	20.261 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.31%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.466	85	1515M1	0.637 ug/L	
3) Chloromethane	1.655	50	2151M1	0.835 ug/L	
4) Vinyl chloride	1.691	62	1553	0.543 ug/L	96
5) Bromomethane	1.962	94	1363M1	0.789 ug/L	
6) Chloroethane	2.073	64	1499	0.785 ug/L	93
7) Trichlorofluoromethane	2.193	101	2856	0.675 ug/L	91
8) Ethyl ether	2.458	74	1099	0.766 ug/L #	73
10) 1,1-Dichloroethene	2.628	96	1575	0.704 ug/L	89
11) Carbon disulfide	2.656	76	7898M1	1.022 ug/L	
12) Freon-113	2.673	101	1599M1	0.701 ug/L	
14) Acrolein	2.916	56	243M1	0.883 ug/L	
15) Methylene chloride	3.133	84	2602	0.916 ug/L	84
17) Acetone	3.175	43	5411M1	7.840 ug/L	
18) trans-1,2-Dichloroethene	3.278	96	1820	0.680 ug/L	93
19) Methyl acetate	3.287	43	1069M1	0.940 ug/L	
20) Methyl tert-butyl ether	3.367	73	6337	0.845 ug/L #	84
21) tert-Butyl alcohol	3.457	59	814M1	3.755 ug/L	
22) Diisopropyl ether	3.699	45	6617	0.816 ug/L #	80
23) 1,1-Dichloroethane	3.819	63	3636	0.744 ug/L	94
24) Halothane	3.867	117	1401	0.714 ug/L #	71
25) Acrylonitrile	3.872	53	160	0.277 ug/L #	52

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N05.D
Acq On : 03 Nov 2025 08:43 pm
Operator : VOA123:AJK
Sample : I8260STD1PPB
Misc : WG2136903,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 04 12:22:37 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.037	59	6454	0.785	ug/L		98
27) Vinyl acetate	4.051	43	4868	0.857	ug/L	#	85
28) cis-1,2-Dichloroethene	4.313	96	2351	0.770	ug/L		96
29) 2,2-Dichloropropane	4.408	77	2941	0.736	ug/L	#	77
30) Bromochloromethane	4.488	128	1037M1	0.747	ug/L		
31) Cyclohexane	4.494	56	3129M1	0.779	ug/L		
32) Chloroform	4.564	83	7520	1.455	ug/L		97
33) Ethyl acetate	0.000		0	N.D.	d		
34) Carbon tetrachloride	4.698	117	2804	0.730	ug/L		92
35) Tetrahydrofuran	0.000		0	N.D.	d		
37) 1,1,1-Trichloroethane	4.756	97	3128M1	0.733	ug/L		
39) 2-Butanone	4.857	43	2947M1	3.984	ug/L		
40) 1,1-Dichloropropene	4.879	75	2459	0.748	ug/L		92
41) Benzene	5.110	78	8030	0.773	ug/L		91
42) tert-Amyl methyl ether	5.225	73	5938	0.806	ug/L	#	78
44) 1,2-Dichloroethane	5.314	62	3146M1	0.854	ug/L		
47) Methyl cyclohexane	5.682	83	3278	0.745	ug/L		84
48) Trichloroethene	5.690	95	2079	0.727	ug/L	#	84
50) Dibromomethane	6.111	93	1198M1	0.717	ug/L		
51) 1,2-Dichloropropane	6.215	63	2323	0.832	ug/L		90
53) 2-Chloroethyl vinyl ether	6.917	63	648	0.518	ug/L	#	72
54) Bromodichloromethane	6.290	83	2980M1	0.735	ug/L		
57) 1,4-Dioxane	0.000		0	N.D.	d		
58) cis-1,3-Dichloropropene	6.973	75	3284M1	0.716	ug/L		
61) Toluene	7.238	92	5131	0.783	ug/L		100
62) 4-Methyl-2-pentanone	7.665	58	413	0.557	ug/L	#	77
63) Tetrachloroethene	7.676	166	2124	0.723	ug/L		86
65) trans-1,3-Dichloropropene	7.721	75	2399	0.616	ug/L		74
67) Ethyl methacrylate	7.913	69	1951M1	0.666	ug/L		
68) 1,1,2-Trichloroethane	7.893	83	1467	0.777	ug/L		96
69) Chlorodibromomethane	8.089	129	2031	0.705	ug/L		98
70) 1,3-Dichloropropane	8.206	76	2986	0.794	ug/L	#	77
71) 1,2-Dibromoethane	8.365	107	1572	0.699	ug/L	#	45
72) 2-Hexanone	8.671	43	1513M1	1.267	ug/L		
73) Chlorobenzene	9.012	112	5773	0.753	ug/L	#	85
74) Ethylbenzene	9.062	91	10435M1	0.815	ug/L		
75) 1,1,1,2-Tetrachloroethane	9.101	131	2091	0.721	ug/L	#	64
76) p/m Xylene	9.249	106	7333	1.469	ug/L		93
77) o Xylene	9.787	106	7503	1.502	ug/L		98
78) Styrene	9.859	104	12103	1.418	ug/L	#	60

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N05.D
Acq On : 03 Nov 2025 08:43 pm
Operator : VOA123:AJK
Sample : I8260STD1PPB
Misc : WG2136903,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 04 12:22:37 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	9.871	173	1315	0.723	ug/L	#	46
82) Isopropylbenzene	10.191	105	9422	0.748	ug/L		98
84) Bromobenzene	10.643	156	2635	0.780	ug/L		97
85) n-Propylbenzene	10.710	91	11411	0.760	ug/L		98
86) 1,4-Dichlorobutane	10.727	55	3259	0.872	ug/L	#	86
87) 1,1,2,2-Tetrachloroethane	10.805	83	2401	0.865	ug/L		93
88) 4-Ethyltoluene	10.847	105	9465	0.752	ug/L		97
89) 2-Chlorotoluene	10.877	91	7443	0.806	ug/L		96
90) 1,3,5-Trimethylbenzene	10.950	105	8679	0.785	ug/L		95
91) 1,2,3-Trichloropropane	10.941	75	1892	0.887	ug/L		87
92) trans-1,4-Dichloro-2-b...	11.003	53	145	0.191	ug/L	#	1
93) 4-Chlorotoluene	11.073	91	7427	0.781	ug/L		97
94) tert-Butylbenzene	11.301	119	7136	0.765	ug/L		93
97) 1,2,4-Trimethylbenzene	11.388	105	8419	0.764	ug/L		98
98) sec-Butylbenzene	11.502	105	10348	0.742	ug/L		100
99) p-Isopropyltoluene	11.664	119	9113	0.751	ug/L		96
100) 1,3-Dichlorobenzene	11.728	146	4885	0.757	ug/L	#	84
101) 1,4-Dichlorobenzene	11.817	146	5583	0.854	ug/L	#	88
102) p-Diethylbenzene	12.049	119	5233	0.725	ug/L		98
103) n-Butylbenzene	12.110	91	7996	0.732	ug/L		98
104) 1,2-Dichlorobenzene	12.255	146	4662	0.766	ug/L		99
105) 1,2,4,5-Tetramethylben...	12.863	119	8954	0.760	ug/L		97
106) 1,2-Dibromo-3-chloropr...	13.044	155	160	0.380	ug/L	#	1
107) 1,3,5-Trichlorobenzene	13.080	180	3872	0.778	ug/L		97
108) Hexachlorobutadiene	13.666	225	1967	0.795	ug/L		93
109) 1,2,4-Trichlorobenzene	13.688	180	3495	0.787	ug/L		98
110) Naphthalene	13.984	128	7413	0.887	ug/L		100
111) 1,2,3-Trichlorobenzene	14.151	180	2942	0.766	ug/L		95

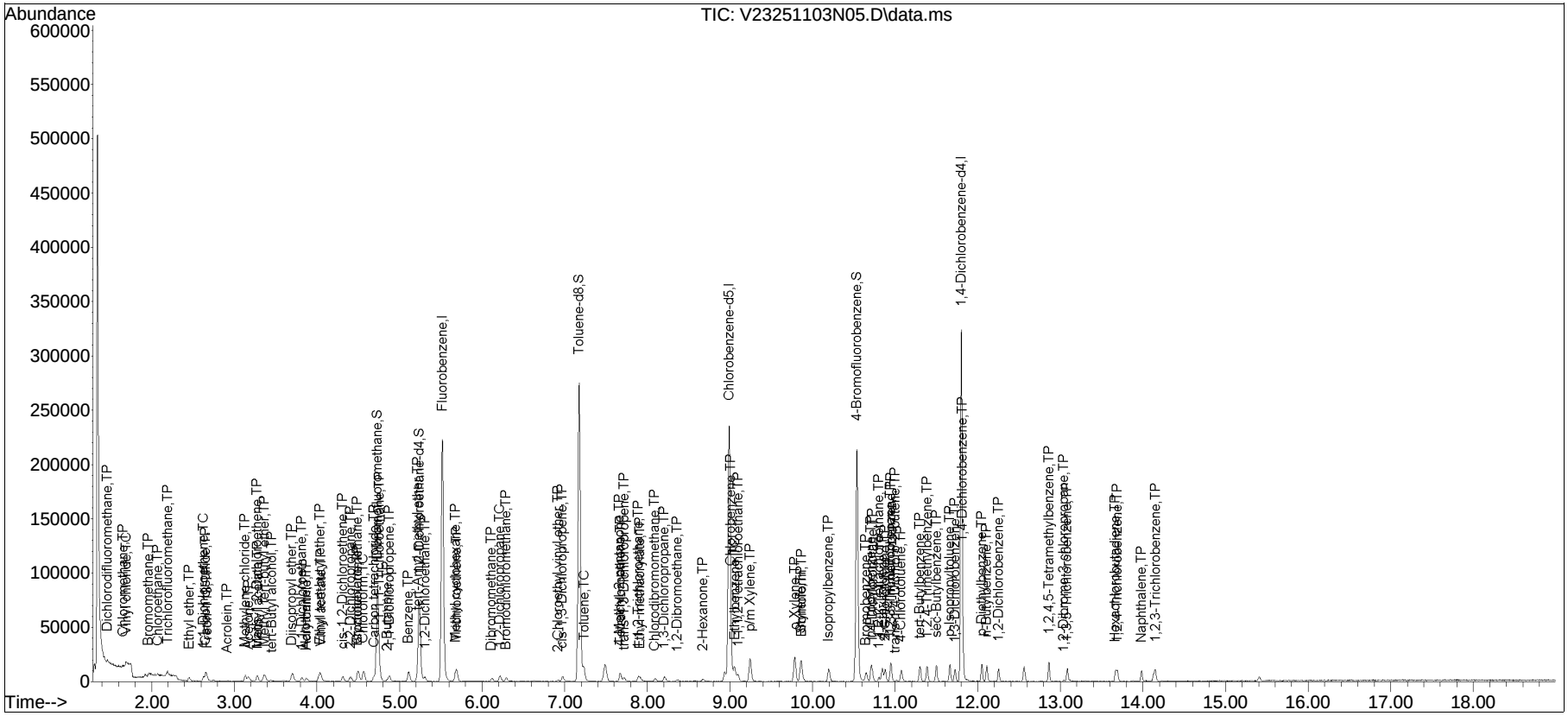
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N05.D
Acq On : 03 Nov 2025 08:43 pm
Operator : VOA123:AJK
Sample : I8260STD1PPB
Misc : WG2136903,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 04 12:22:37 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

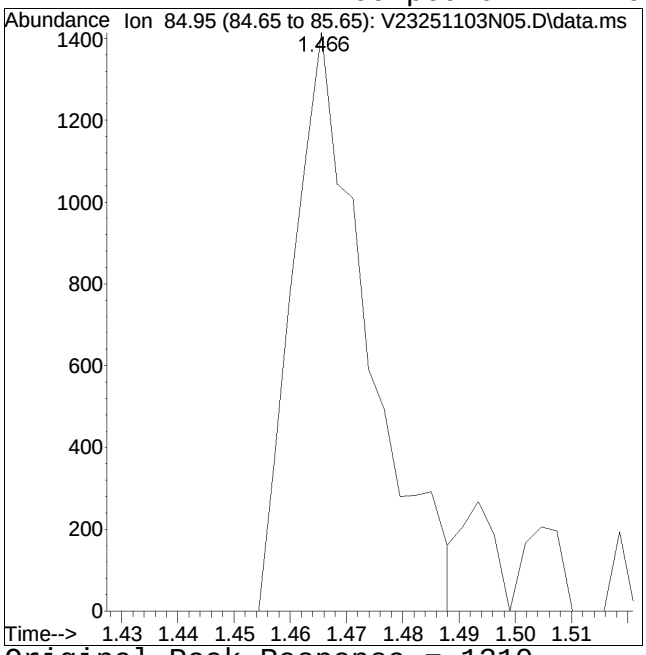
Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•

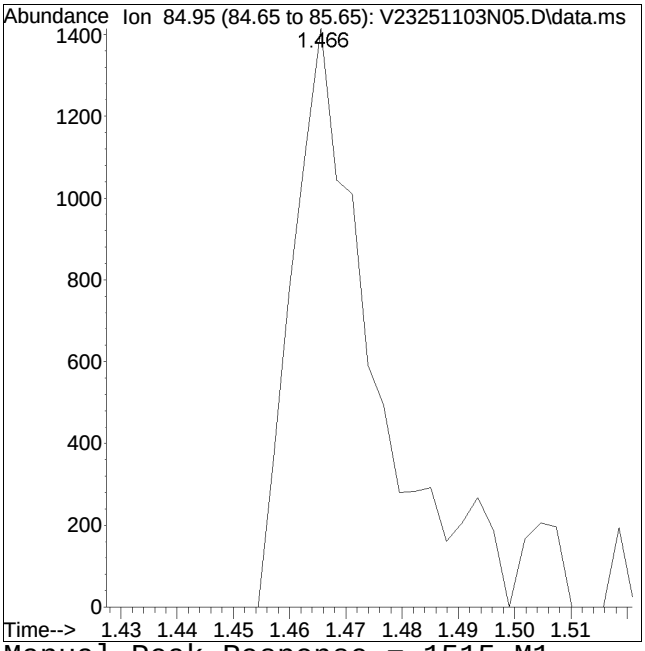


Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #2: Dichlorodifluoromethane





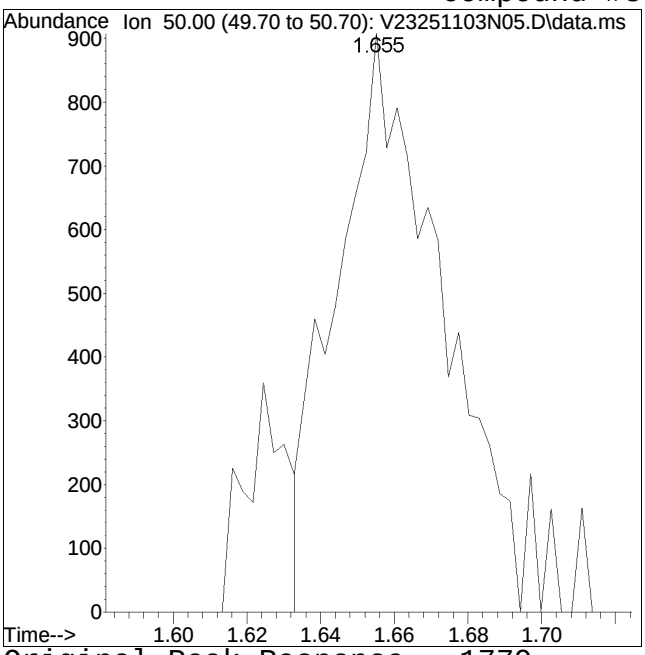
Original Peak Response = 1310 Manual Peak Response = 1515 M1

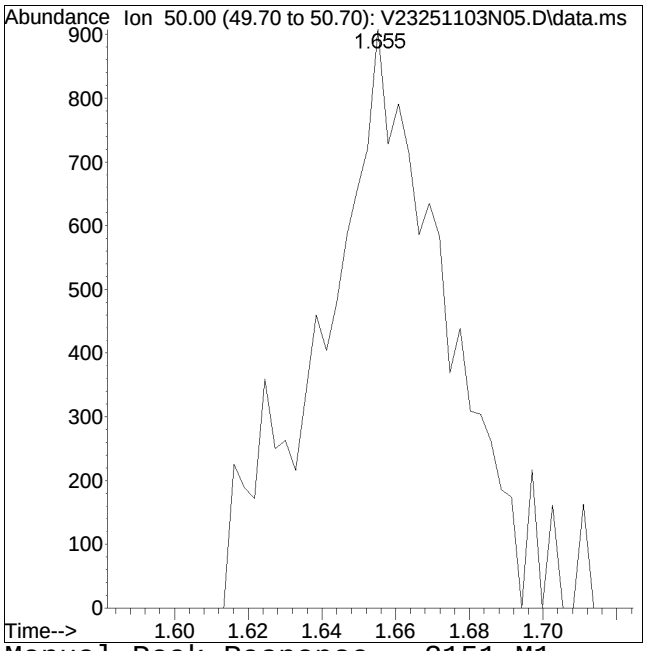
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #3: Chloromethane





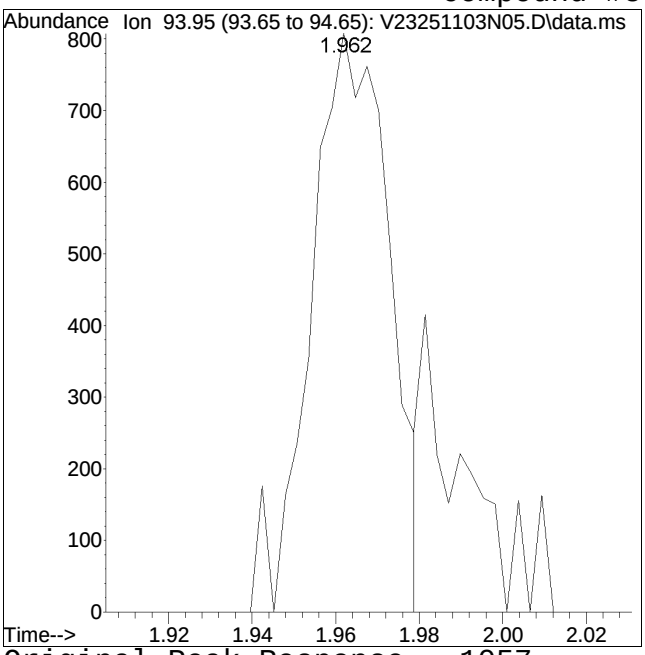
Original Peak Response = 1779 Manual Peak Response = 2151 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

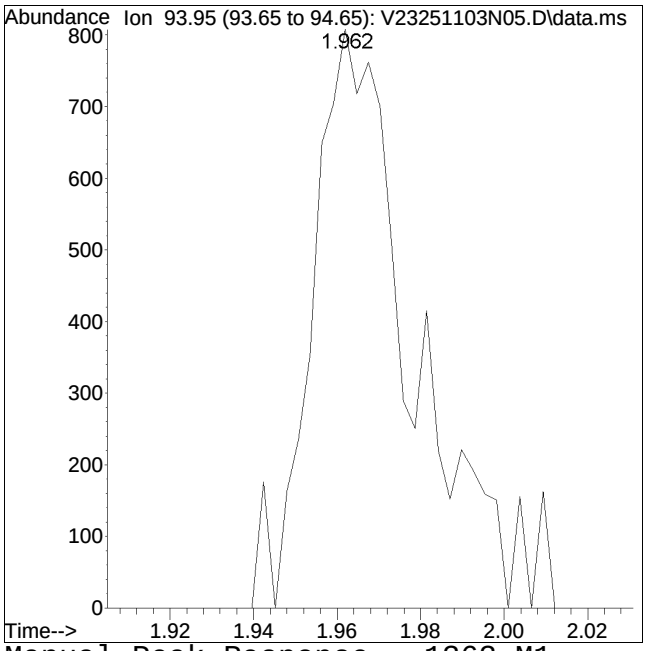
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #5: Bromomethane



Original Peak Response = 1057



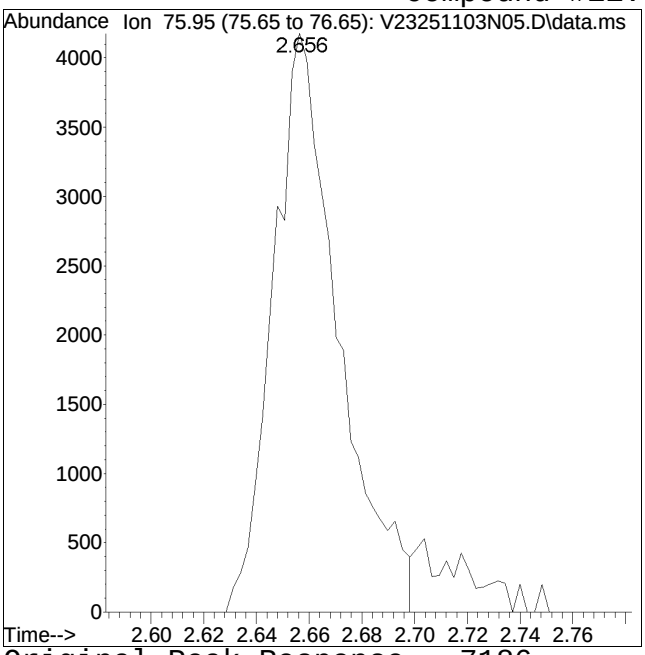
Manual Peak Response = 1363 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

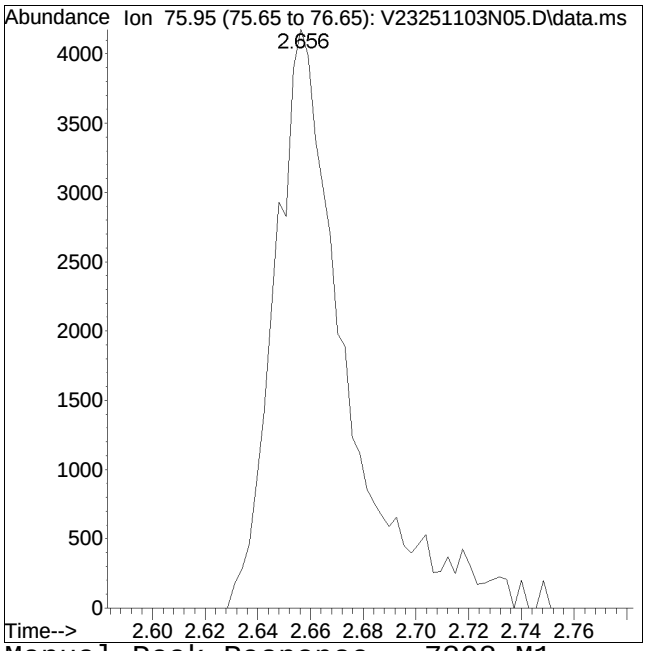
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #11: Carbon disulfide



Original Peak Response = 7186



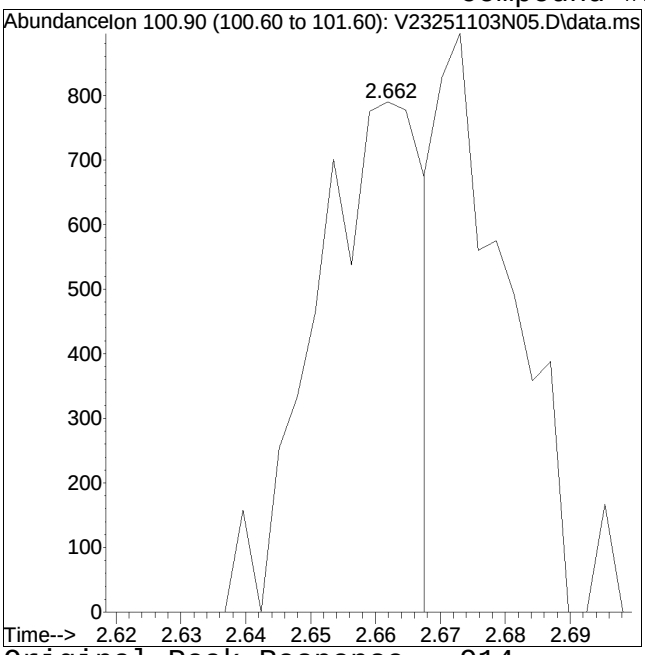
Manual Peak Response = 7898 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

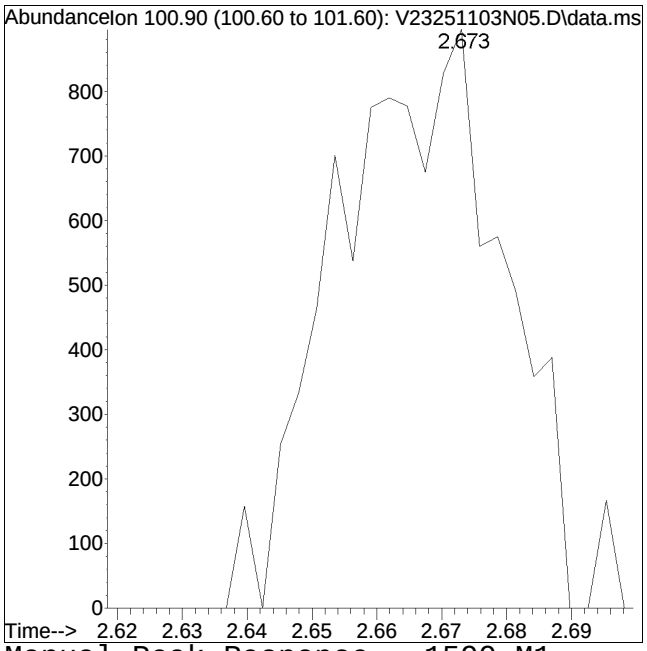
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #12: Freon-113



Original Peak Response = 914



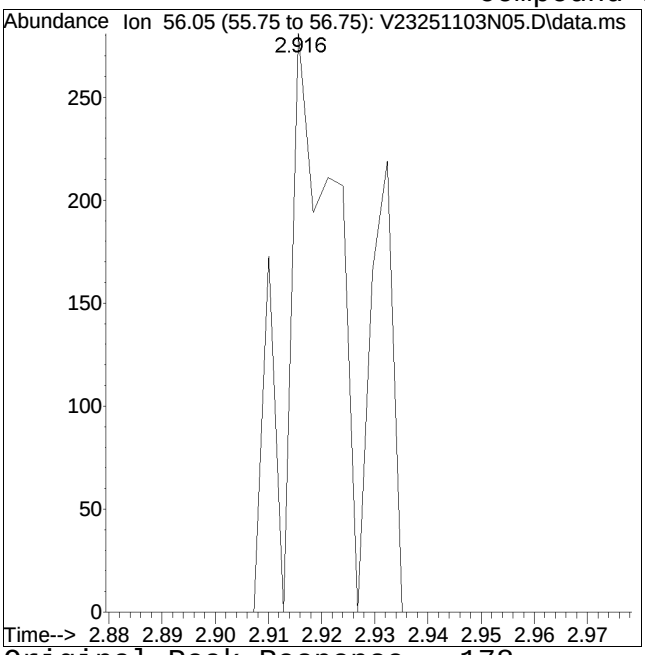
Manual Peak Response = 1599 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

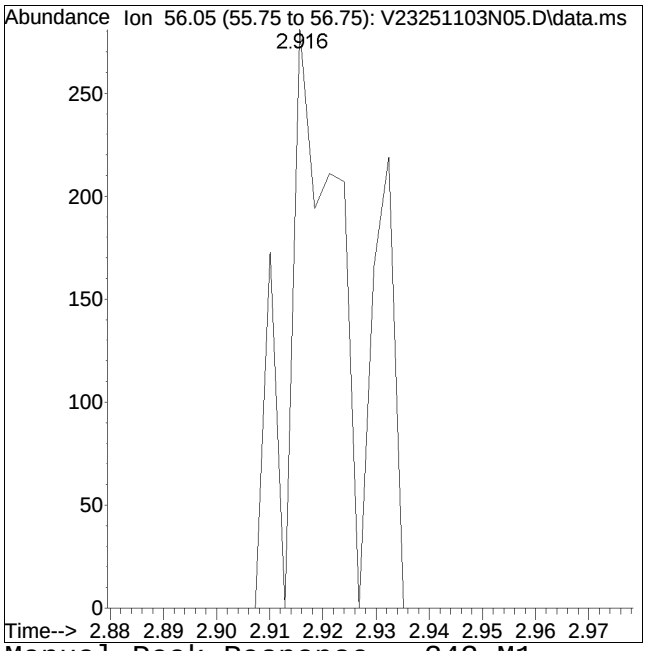
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #14: Acrolein



Original Peak Response = 178



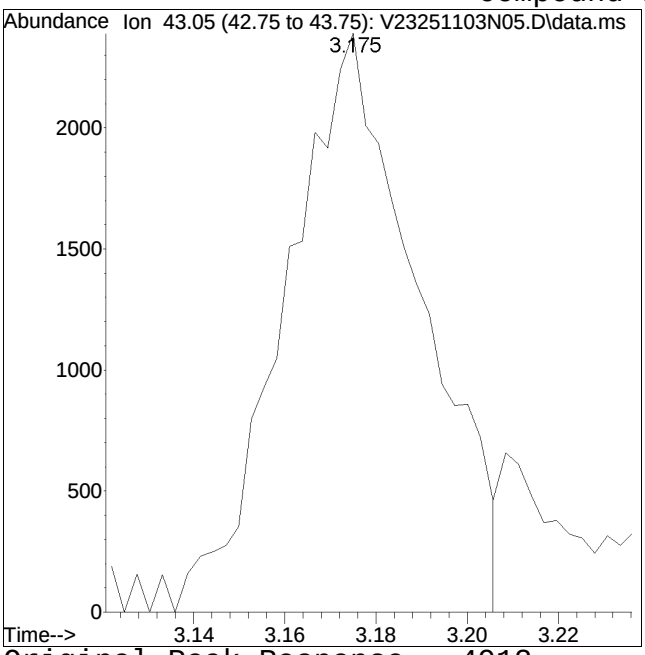
Manual Peak Response = 243 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

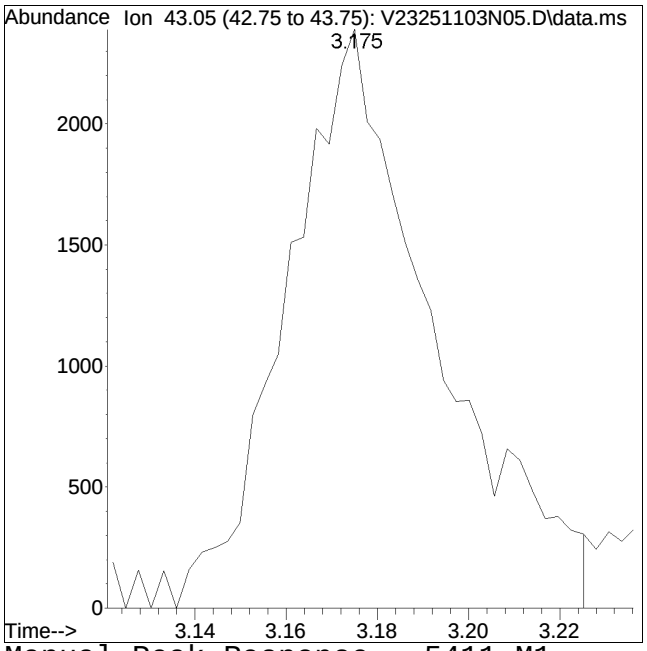
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #17: Acetone



Original Peak Response = 4912



Manual Peak Response = 5411 M1

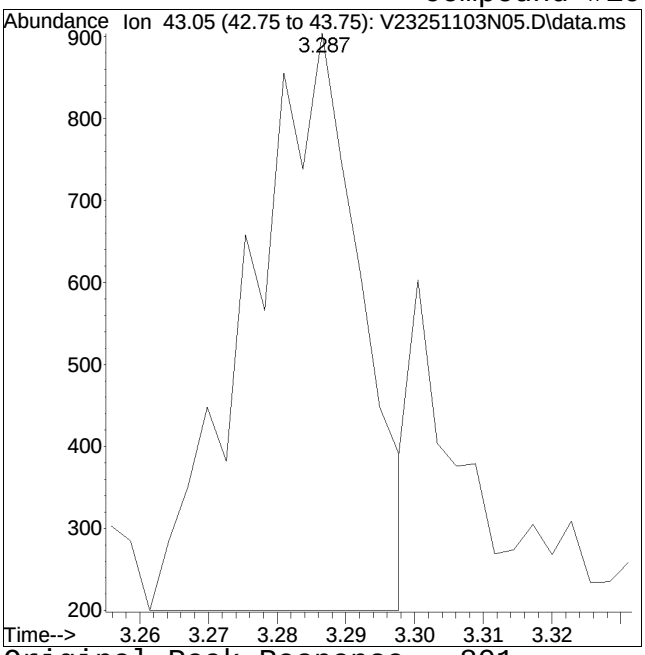
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

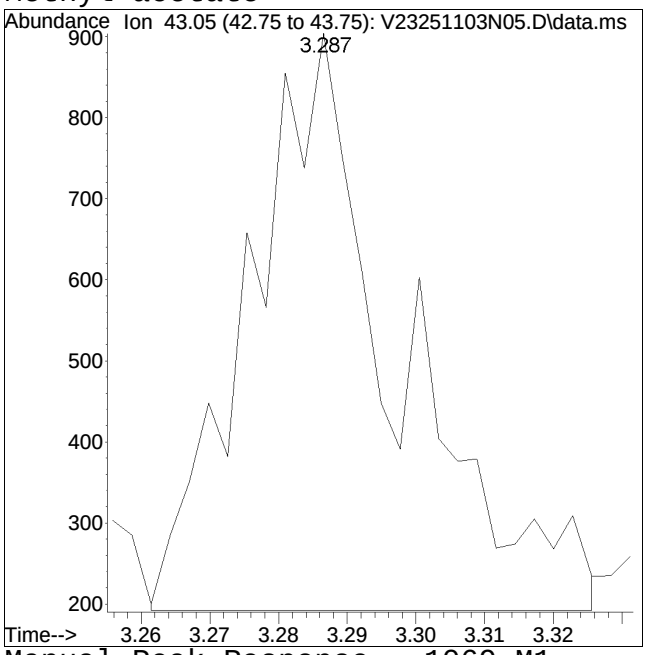
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N05.D
Date Inj'd : 11/3/2025 8:43 pm
Sample : I8260STD1PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #19: Methyl acetate



Original Peak Response = 801



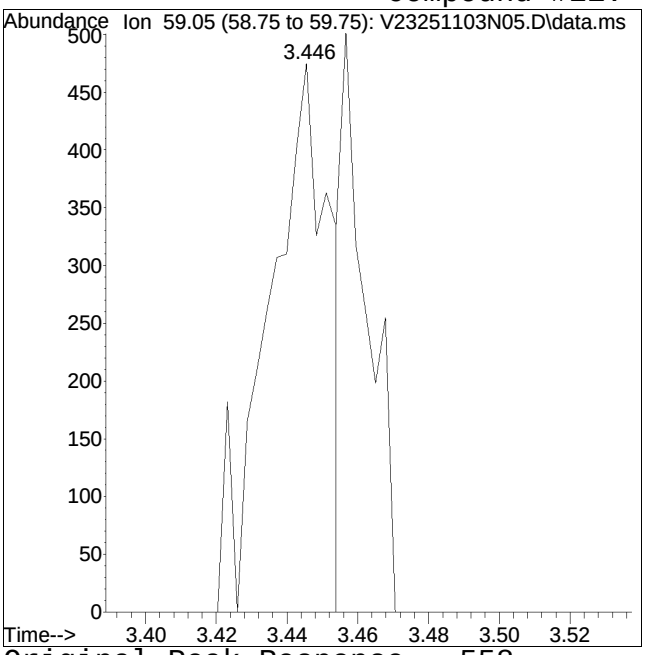
Manual Peak Response = 1069 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

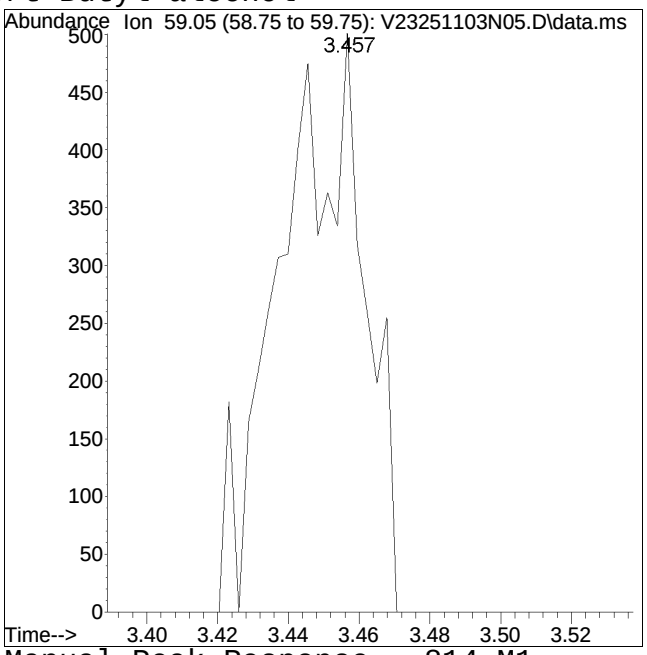
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #21: tert-Butyl alcohol



Original Peak Response = 558



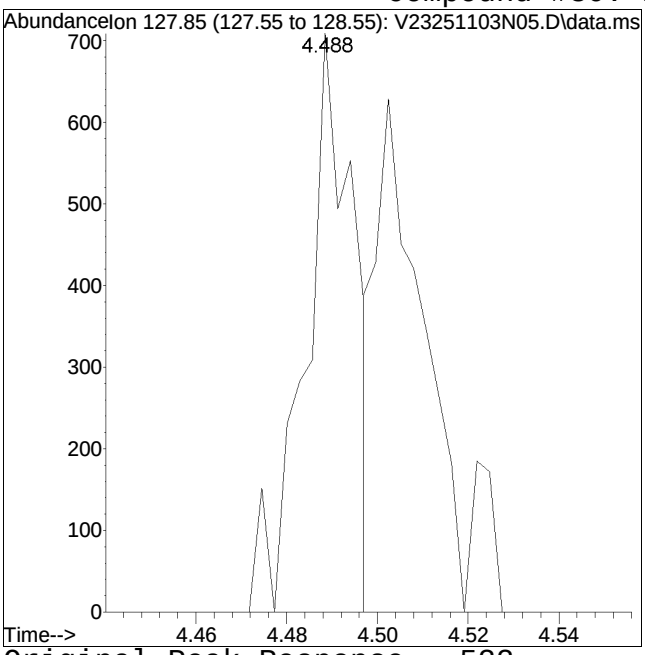
Manual Peak Response = 814 M1

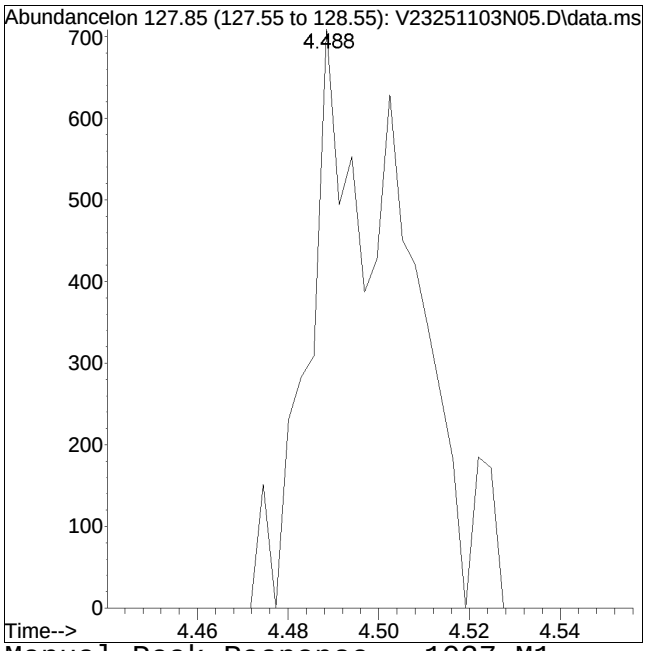
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #30: Bromochloromethane





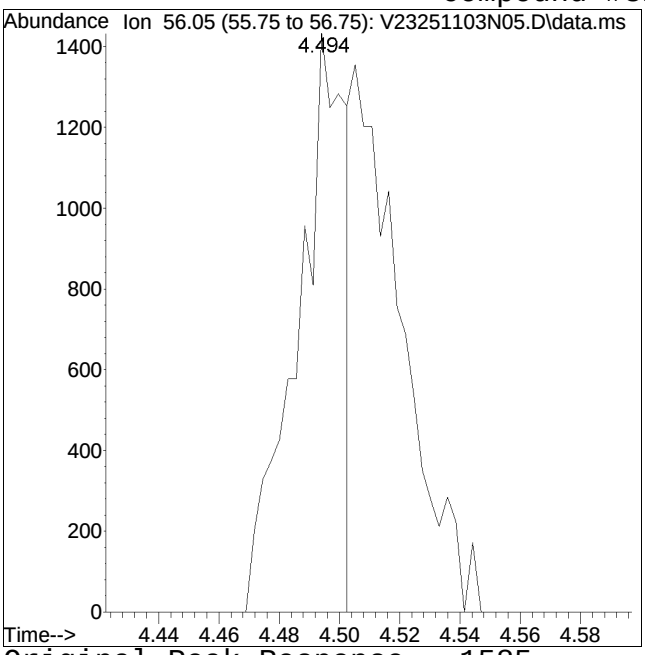
Original Peak Response = 522 Manual Peak Response = 1037 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

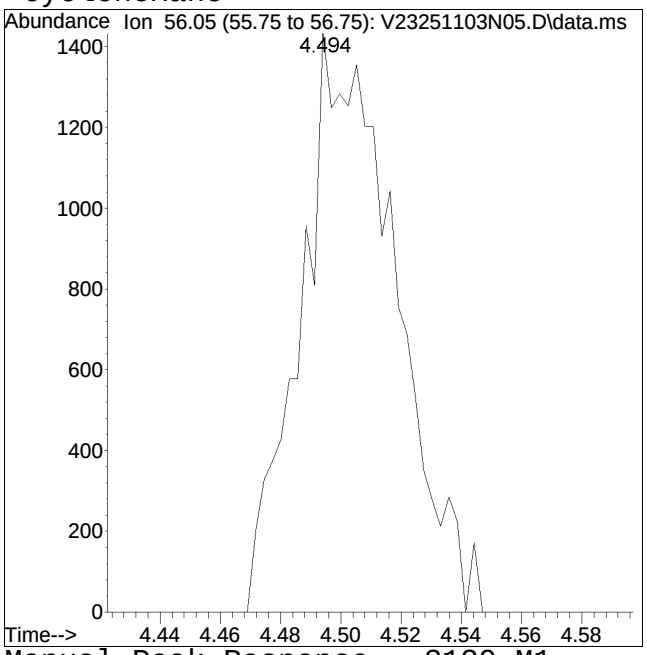
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #31: Cyclohexane



Original Peak Response = 1585



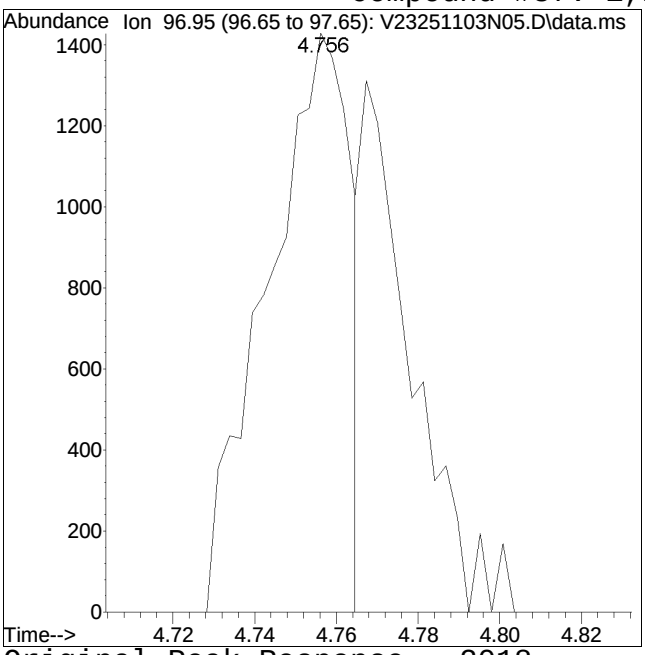
Manual Peak Response = 3129 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

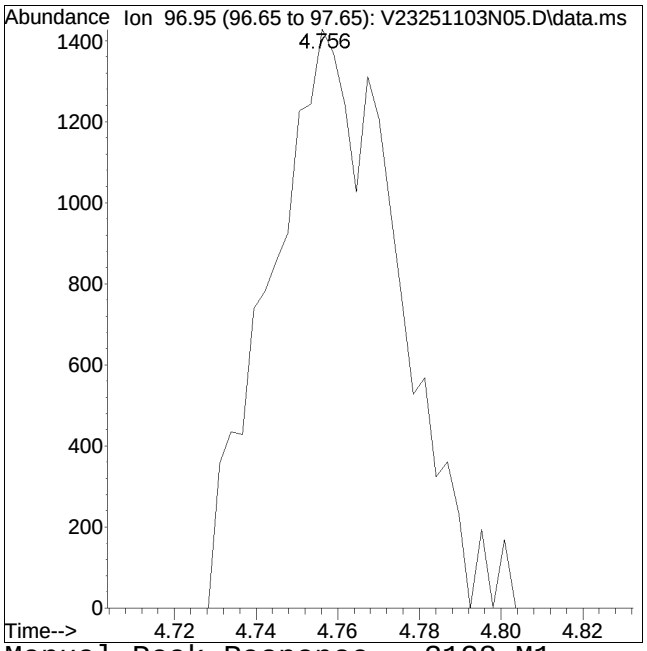
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #37: 1,1,1-Trichloroethane



Original Peak Response = 2018



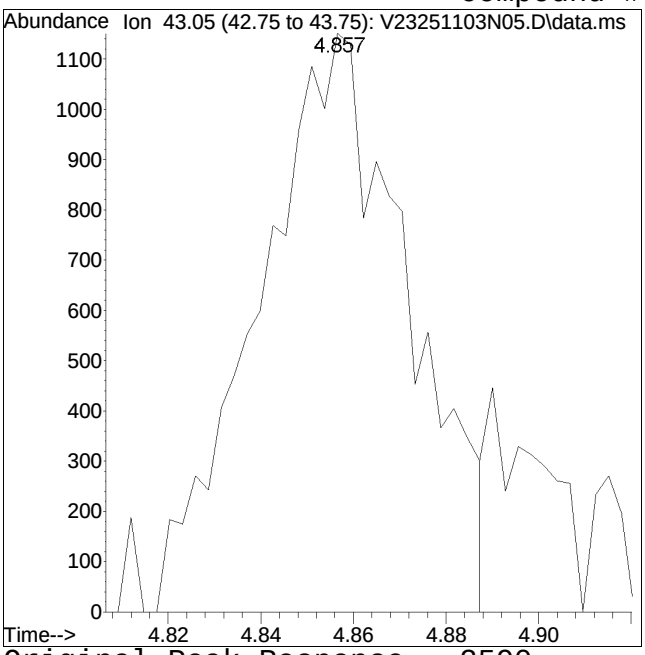
Manual Peak Response = 3128 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

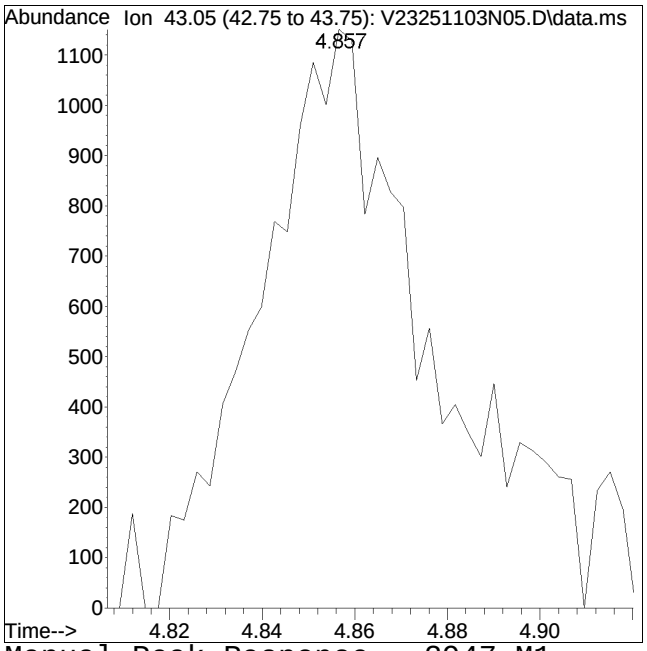
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #39: 2-Butanone



Original Peak Response = 2590



Manual Peak Response = 2947 M1

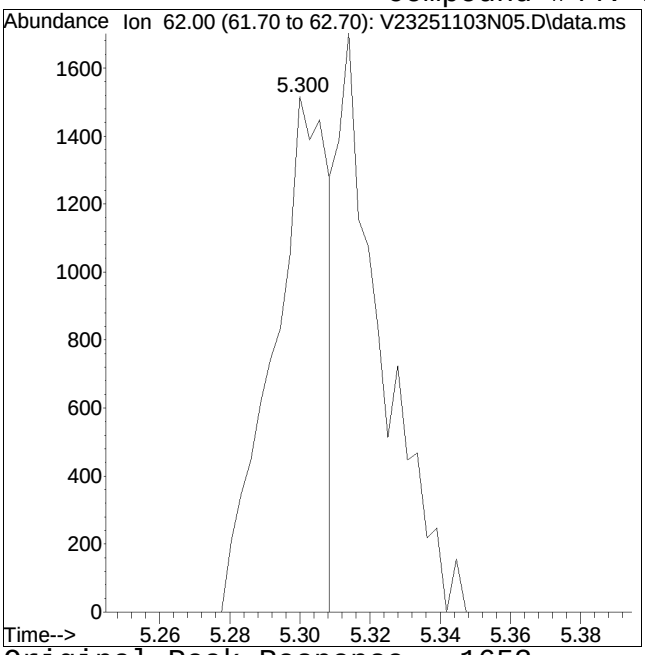
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

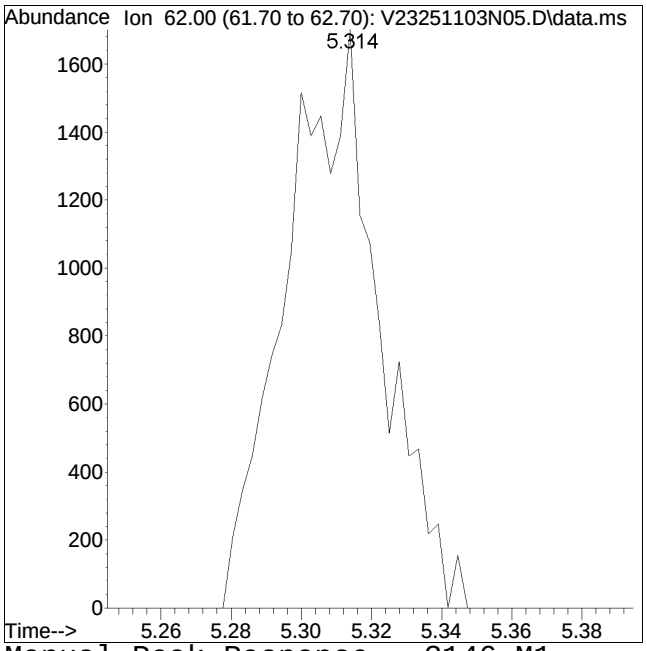
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N05.D
Date Inj'd : 11/3/2025 8:43 pm
Sample : I8260STD1PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #44: 1,2-Dichloroethane



Original Peak Response = 1653



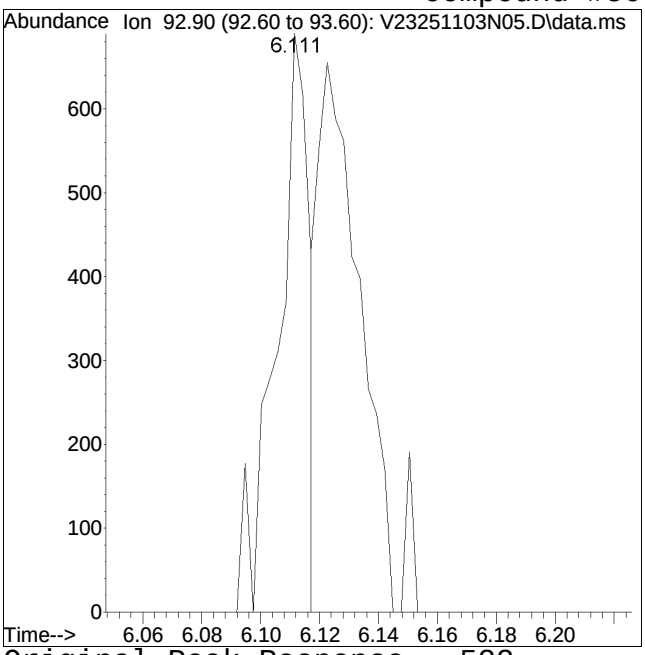
Manual Peak Response = 3146 M1

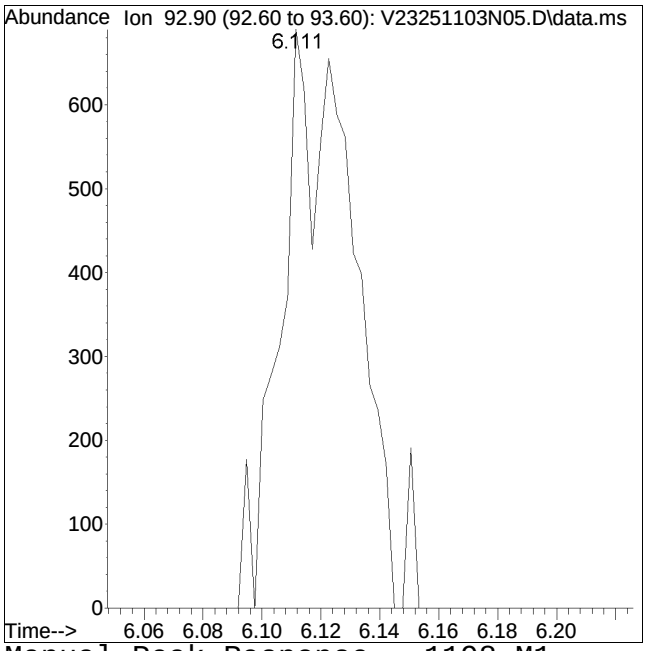
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #50: Dibromomethane



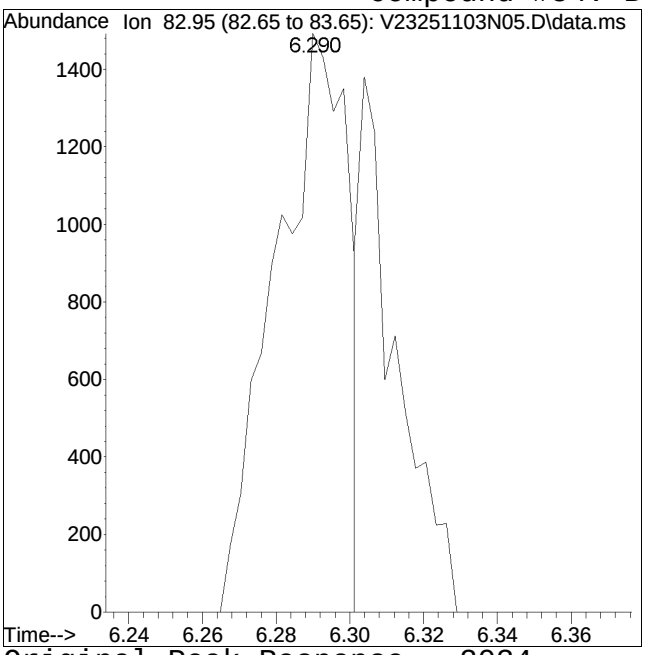


Original Peak Response = 522 Manual Peak Response = 1198 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

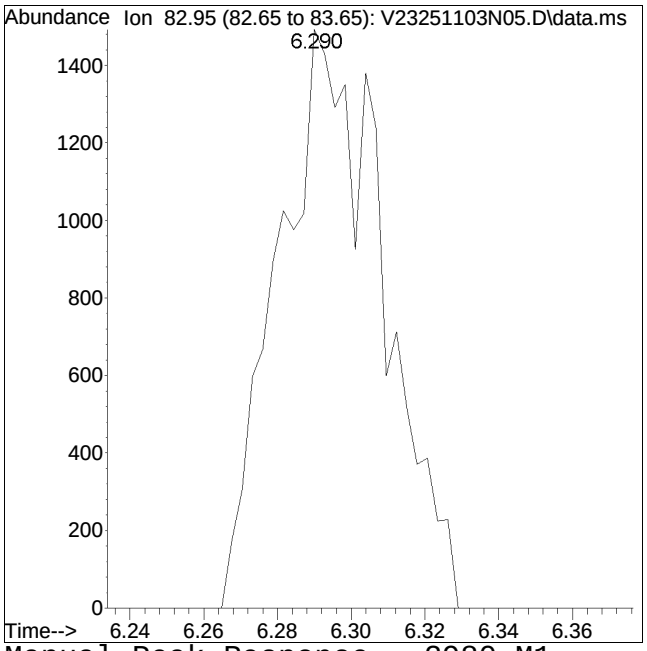
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #54: Bromodichloromethane



Original Peak Response = 2034



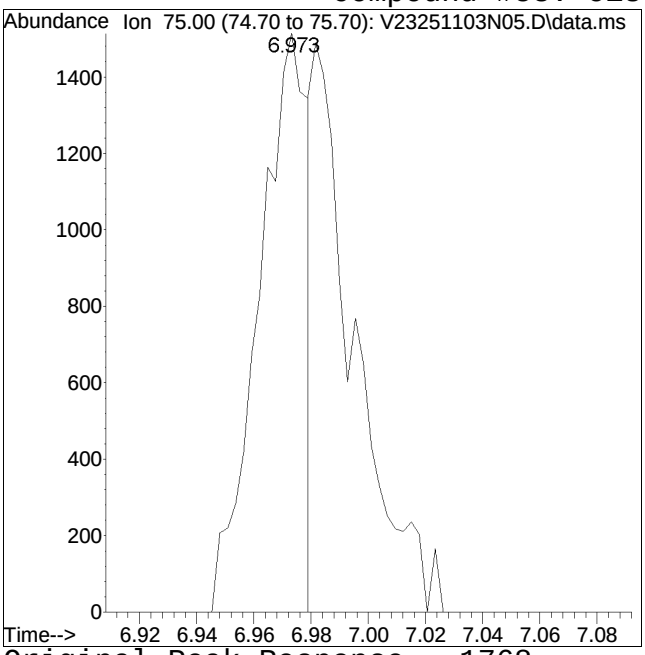
Manual Peak Response = 2980 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

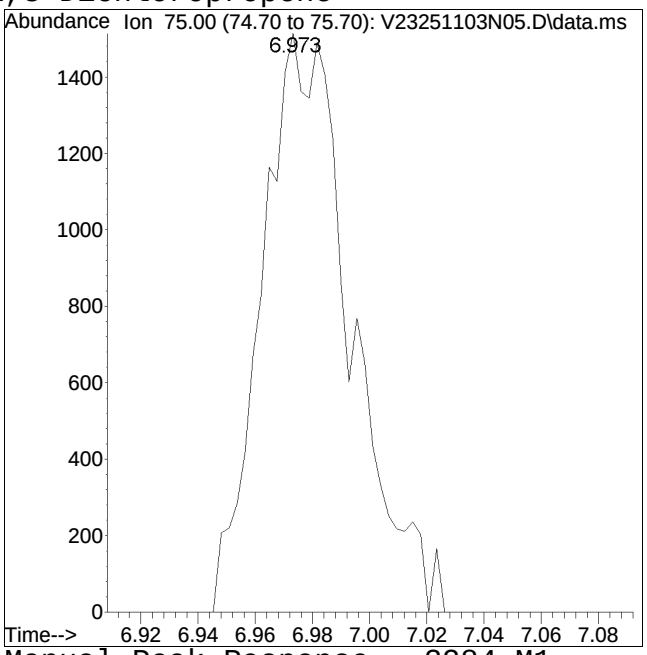
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #58: cis-1,3-Dichloropropene



Original Peak Response = 1768



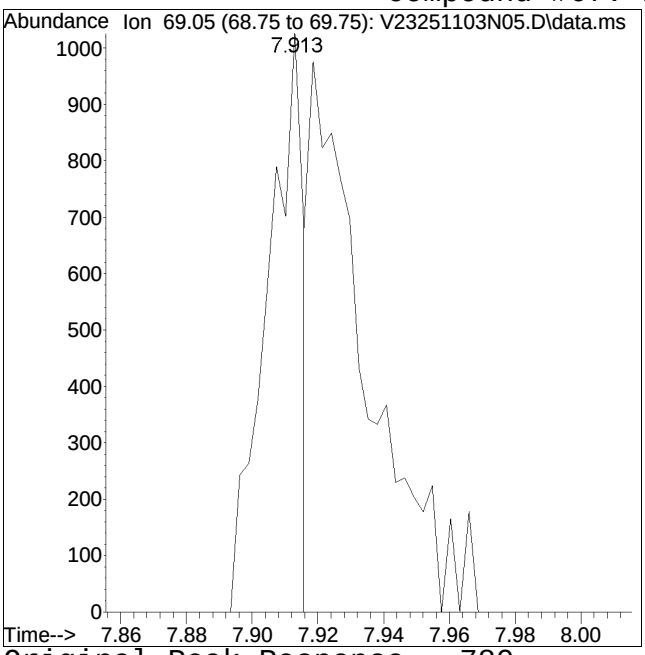
Manual Peak Response = 3284 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

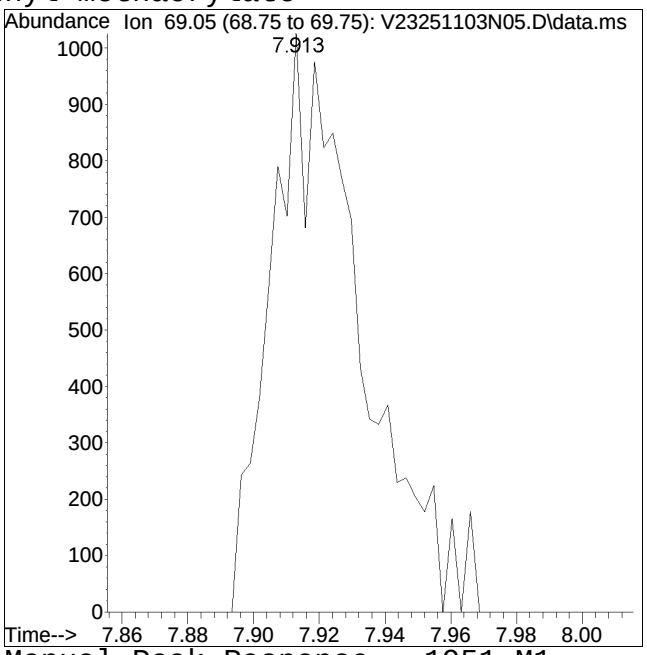
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #67: Ethyl methacrylate



Original Peak Response = 780



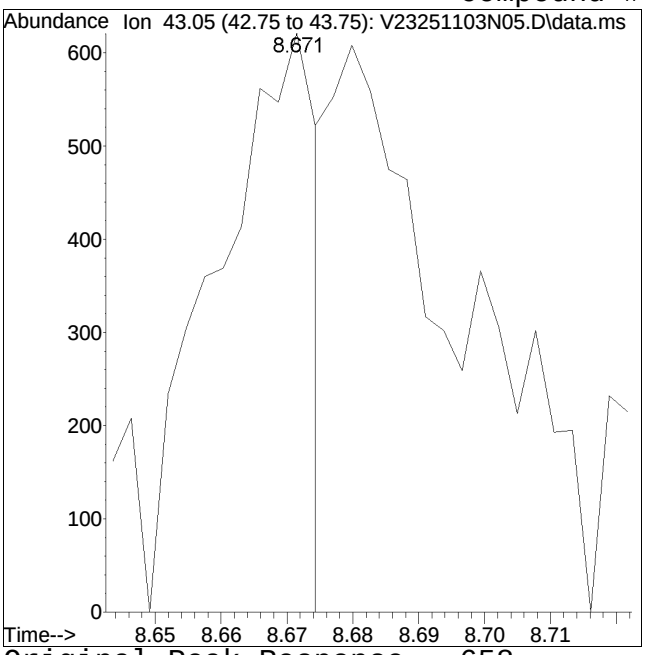
Manual Peak Response = 1951 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

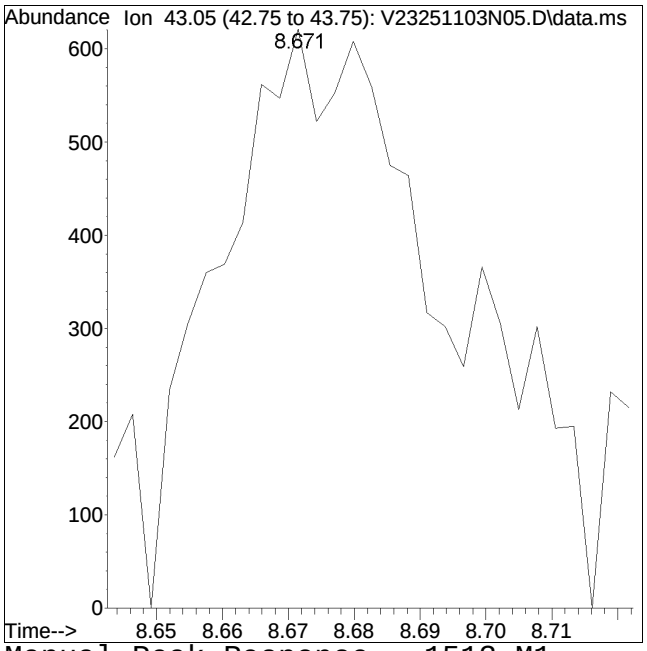
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #72: 2-Hexanone



Original Peak Response = 658



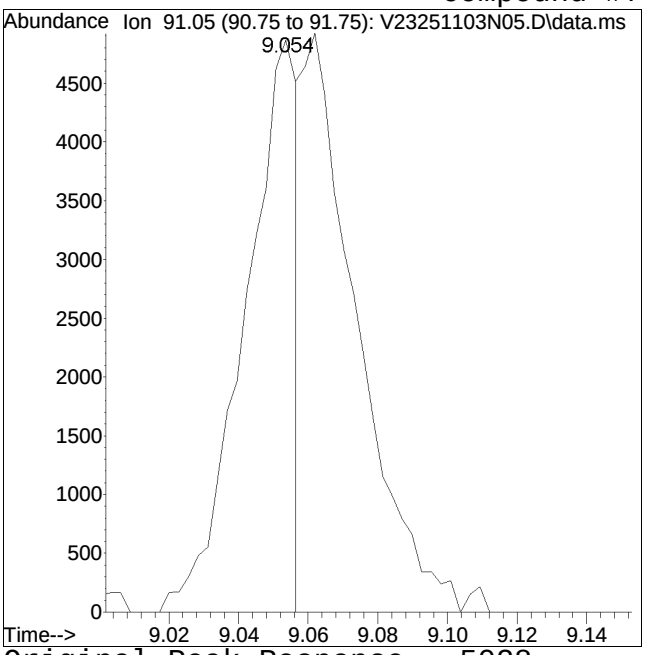
Manual Peak Response = 1513 M1

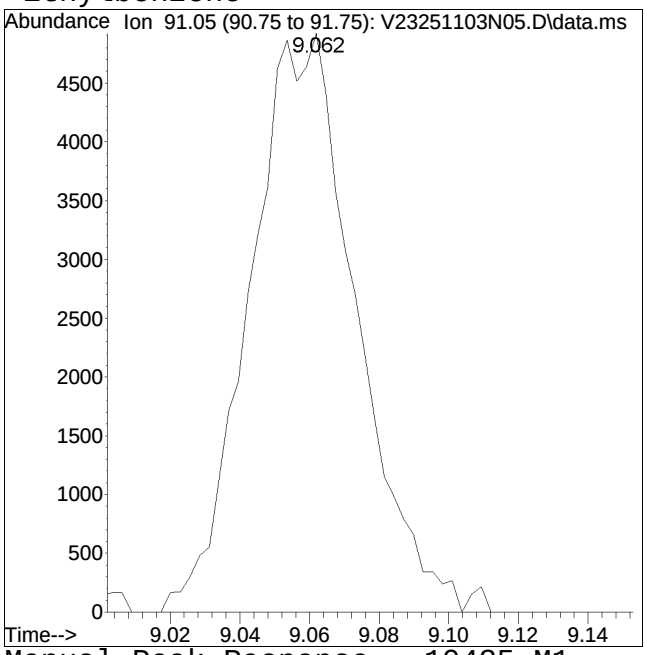
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N05.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 8:43 pm Instrument : VOA123
Sample : I8260STD1PPB Quant Date : 11/4/2025 12:14 pm

Compound #74: Ethylbenzene





Original Peak Response = 5028 Manual Peak Response = 10435 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N07.D
Acq On : 03 Nov 2025 09:35 pm
Operator : VOA123:AJK
Sample : I8260STD2PPB
Misc : WG2136903,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 04 12:24:30 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.518	96	201758	20.000	ug/L	0.00
Standard Area 1 = 201320			Recovery = 100.22%			
59) Chlorobenzene-d5	8.992	117	145653	20.000	ug/L	0.00
Standard Area 1 = 146207			Recovery = 99.62%			
79) 1,4-Dichlorobenzene-d4	11.803	152	77102	20.000	ug/L	0.00
Standard Area 1 = 79326			Recovery = 97.20%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.734	113	50565	19.623	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.12%			
43) 1,2-Dichloroethane-d4	5.242	65	52252	20.217	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.09%			
60) Toluene-d8	7.174	98	197839	20.147	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.74%			
83) 4-Bromofluorobenzene	10.540	95	70998	20.531	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.65%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.466	85	4921M1	2.157	ug/L	
3) Chloromethane	1.661	50	5070M1	2.051	ug/L	
4) Vinyl chloride	1.692	62	5744M1	2.093	ug/L	
5) Bromomethane	1.965	94	3045M1	1.837	ug/L	
6) Chloroethane	2.065	64	3542M1	1.931	ug/L	
7) Trichlorofluoromethane	2.188	101	8263M1	2.035	ug/L	
8) Ethyl ether	2.453	74	2480	1.802	ug/L #	81
10) 1,1-Dichloroethene	2.623	96	4327	2.015	ug/L	92
11) Carbon disulfide	2.656	76	17370M1	2.342	ug/L	
12) Freon-113	2.662	101	4539	2.074	ug/L	99
14) Acrolein	2.921	56	547M1	2.070	ug/L	
15) Methylene chloride	3.133	84	5991M1	2.196	ug/L	
17) Acetone	3.175	43	4715	7.117	ug/L #	88
18) trans-1,2-Dichloroethene	3.281	96	5090	1.981	ug/L	94
19) Methyl acetate	3.287	43	1921	1.761	ug/L #	82
20) Methyl tert-butyl ether	3.365	73	13954	1.937	ug/L	92
21) tert-Butyl alcohol	3.448	59	1807M1	8.684	ug/L	
22) Diisopropyl ether	3.702	45	15460	1.987	ug/L #	91
23) 1,1-Dichloroethane	3.822	63	9268M1	1.975	ug/L	
24) Halothane	3.870	117	3842	2.040	ug/L	96
25) Acrylonitrile	3.878	53	907M1	1.635	ug/L	

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N07.D
Acq On : 03 Nov 2025 09:35 pm
Operator : VOA123:AJK
Sample : I8260STD2PPB
Misc : WG2136903,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 04 12:24:30 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.040	59	15132	1.917	ug/L		90
27) Vinyl acetate	4.045	43	9570	1.755	ug/L	#	93
28) cis-1,2-Dichloroethene	4.319	96	5624	1.919	ug/L		97
29) 2,2-Dichloropropane	4.405	77	7822	2.040	ug/L		92
30) Bromochloromethane	4.497	128	2486	1.866	ug/L		89
31) Cyclohexane	4.503	56	8231	2.135	ug/L	#	44
32) Chloroform	4.567	83	13374	2.696	ug/L		98
33) Ethyl acetate	4.687	43	3524	1.958	ug/L	#	81
34) Carbon tetrachloride	4.698	117	7467	2.025	ug/L		97
35) Tetrahydrofuran	4.717	42	1350M1	2.459	ug/L		
37) 1,1,1-Trichloroethane	4.756	97	8263	2.019	ug/L	#	94
39) 2-Butanone	4.859	43	3104	4.372	ug/L	#	55
40) 1,1-Dichloropropene	4.882	75	6349	2.011	ug/L		97
41) Benzene	5.113	78	19981	2.004	ug/L		97
42) tert-Amyl methyl ether	5.225	73	13094	1.853	ug/L		95
44) 1,2-Dichloroethane	5.306	62	6735	1.905	ug/L		98
47) Methyl cyclohexane	5.682	83	8260	1.957	ug/L		85
48) Trichloroethene	5.693	95	5395	1.966	ug/L		96
50) Dibromomethane	6.123	93	2983M1	1.860	ug/L		
51) 1,2-Dichloropropane	6.218	63	5193	1.938	ug/L		98
53) 2-Chloroethyl vinyl ether	6.923	63	1858M1	1.548	ug/L		
54) Bromodichloromethane	6.296	83	7302	1.877	ug/L	#	98
57) 1,4-Dioxane	6.522	88	879M1	53.551	ug/L		
58) cis-1,3-Dichloropropene	6.973	75	7511	1.705	ug/L	#	85
61) Toluene	7.235	92	12525	1.961	ug/L		94
62) 4-Methyl-2-pentanone	7.673	58	1099M1	1.521	ug/L		
63) Tetrachloroethene	7.679	166	5599	1.956	ug/L	#	84
65) trans-1,3-Dichloropropene	7.718	75	6336	1.669	ug/L		90
67) Ethyl methacrylate	7.916	69	4287	1.501	ug/L		78
68) 1,1,2-Trichloroethane	7.894	83	3697	2.010	ug/L	#	79
69) Chlorodibromomethane	8.094	129	4640	1.653	ug/L		99
70) 1,3-Dichloropropane	8.206	76	6908	1.884	ug/L		99
71) 1,2-Dibromoethane	8.370	107	3644	1.662	ug/L		97
72) 2-Hexanone	8.663	43	748	0.643	ug/L	#	76
73) Chlorobenzene	9.015	112	14496	1.941	ug/L		99
74) Ethylbenzene	9.054	91	26041	2.087	ug/L		98
75) 1,1,1,2-Tetrachloroethane	9.098	131	4991	1.765	ug/L	#	63
76) p/m Xylene	9.246	106	19170	3.940	ug/L		97
77) o Xylene	9.787	106	19073	3.918	ug/L		100
78) Styrene	9.857	104	30148	3.623	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N07.D
Acq On : 03 Nov 2025 09:35 pm
Operator : VOA123:AJK
Sample : I8260STD2PPB
Misc : WG2136903,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 04 12:24:30 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	9.874	173	2960	1.693	ug/L		93
82) Isopropylbenzene	10.200	105	23702	1.956	ug/L		100
84) Bromobenzene	10.654	156	6260	1.927	ug/L		97
85) n-Propylbenzene	10.713	91	28214	1.956	ug/L		100
86) 1,4-Dichlorobutane	10.724	55	7188	2.001	ug/L		98
87) 1,1,2,2-Tetrachloroethane	10.802	83	5095	1.910	ug/L		99
88) 4-Ethyltoluene	10.844	105	23177	1.915	ug/L		100
89) 2-Chlorotoluene	10.880	91	17850	2.011	ug/L		98
90) 1,3,5-Trimethylbenzene	10.950	105	20481	1.926	ug/L		99
91) 1,2,3-Trichloropropane	10.947	75	4152	2.025	ug/L	#	85
92) trans-1,4-Dichloro-2-b...	11.006	53	515	0.707	ug/L	#	45
93) 4-Chlorotoluene	11.075	91	17852	1.951	ug/L		99
94) tert-Butylbenzene	11.301	119	17103	1.908	ug/L		97
97) 1,2,4-Trimethylbenzene	11.385	105	20249	1.911	ug/L		99
98) sec-Butylbenzene	11.497	105	26076	1.944	ug/L		99
99) p-Isopropyltoluene	11.664	119	21880	1.876	ug/L		96
100) 1,3-Dichlorobenzene	11.722	146	11774	1.897	ug/L		99
101) 1,4-Dichlorobenzene	11.820	146	12254	1.950	ug/L	#	91
102) p-Diethylbenzene	12.049	119	12750	1.838	ug/L		96
103) n-Butylbenzene	12.110	91	20272	1.930	ug/L		96
104) 1,2-Dichlorobenzene	12.255	146	10838	1.853	ug/L		100
105) 1,2,4,5-Tetramethylben...	12.860	119	20141	1.778	ug/L		99
106) 1,2-Dibromo-3-chloropr...	13.050	155	598	1.479	ug/L		97
107) 1,3,5-Trichlorobenzene	13.086	180	9213	1.926	ug/L		97
108) Hexachlorobutadiene	13.669	225	4573	1.923	ug/L		97
109) 1,2,4-Trichlorobenzene	13.691	180	7996	1.873	ug/L		97
110) Naphthalene	13.984	128	15395	1.916	ug/L		100
111) 1,2,3-Trichlorobenzene	14.151	180	7160	1.939	ug/L		96

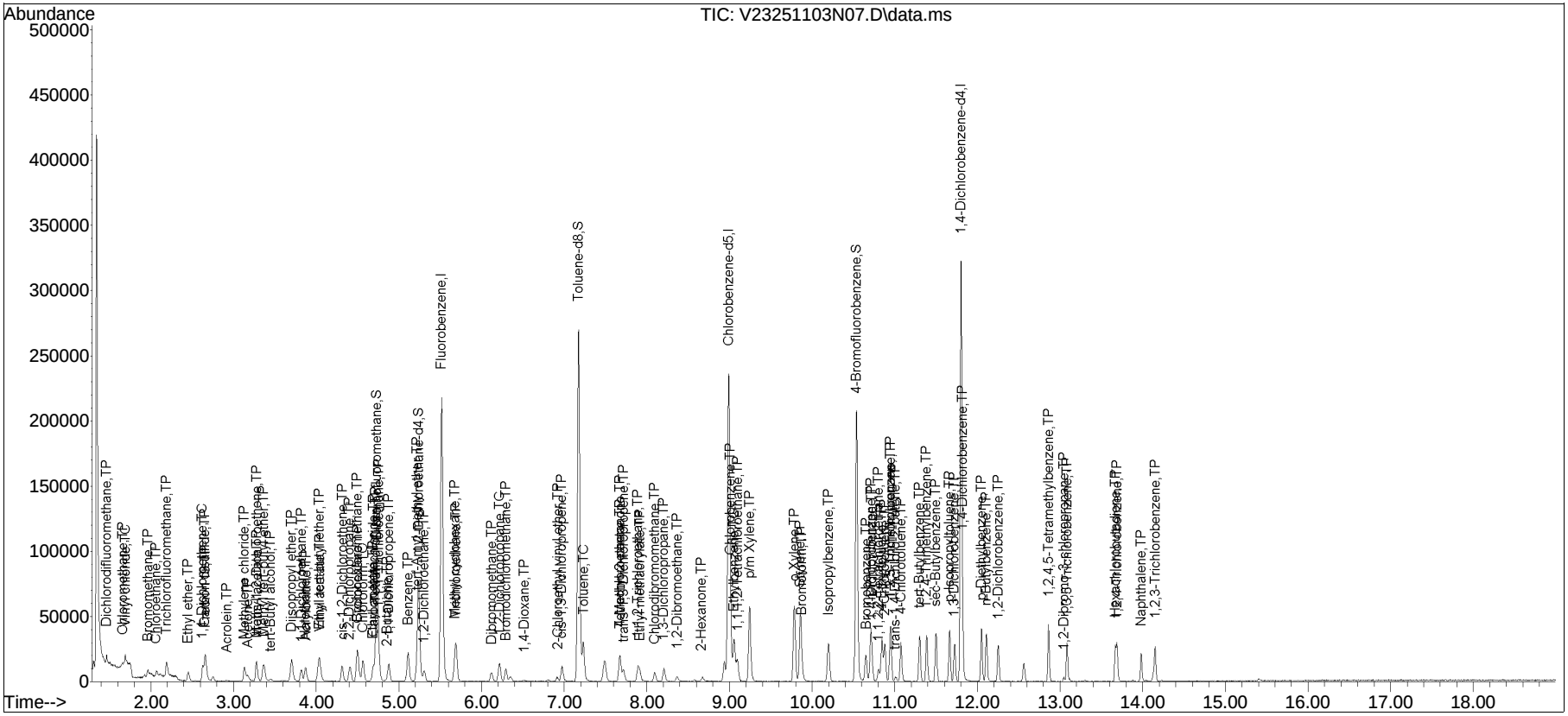
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N07.D
Acq On : 03 Nov 2025 09:35 pm
Operator : VOA123:AJK
Sample : I8260STD2PPB
Misc : WG2136903,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 04 12:24:30 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

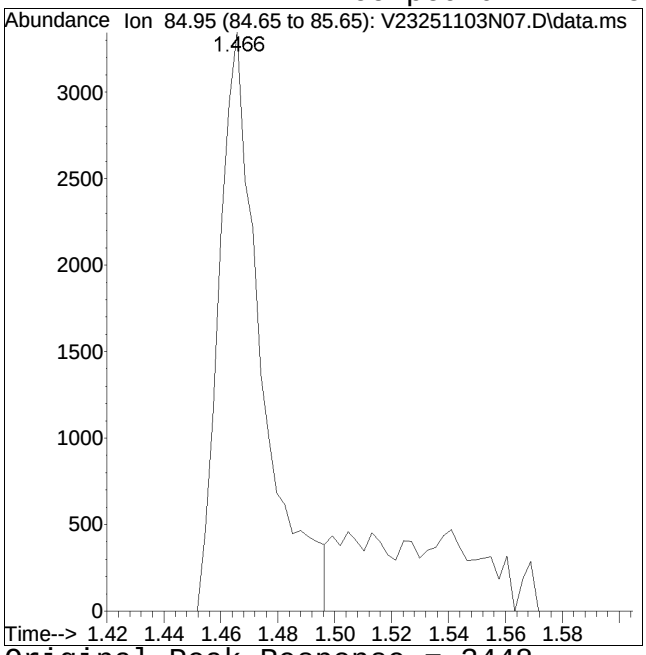
Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•

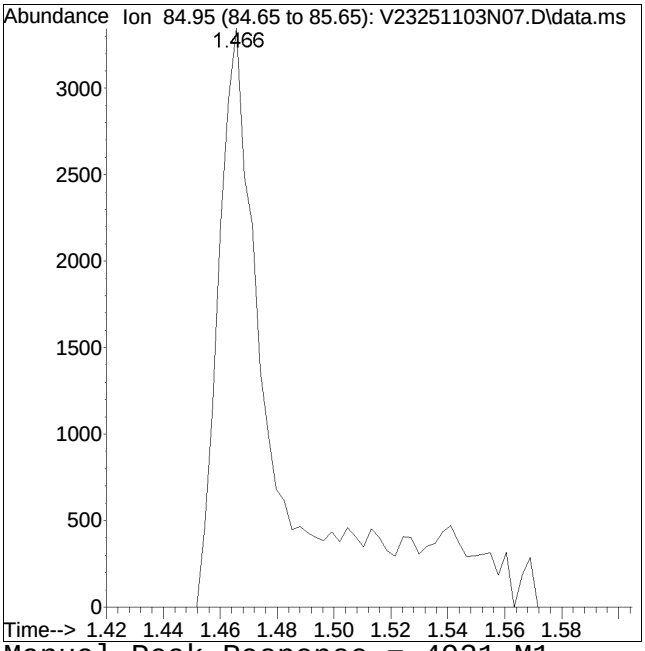


Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #2: Dichlorodifluoromethane



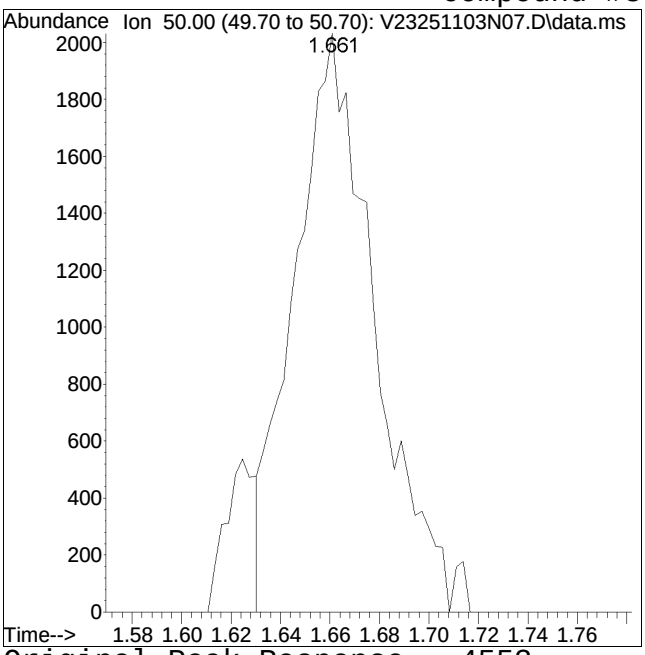


Original Peak Response = 3448 Manual Peak Response = 4921 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

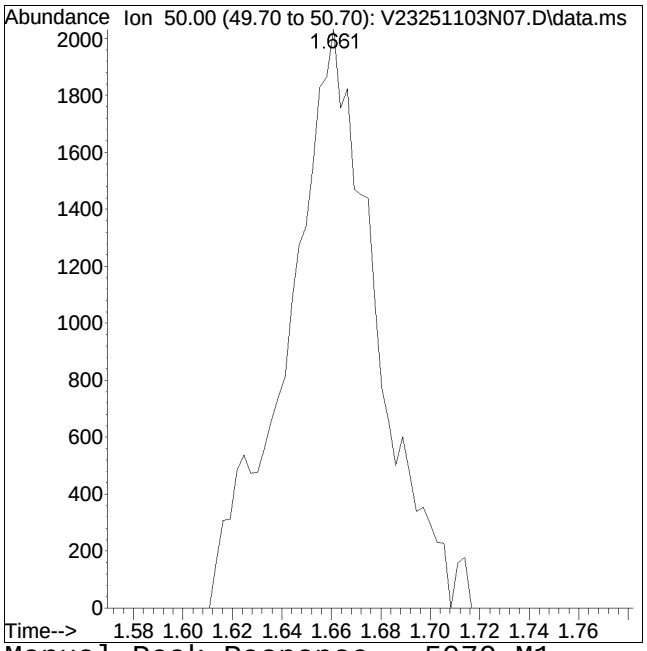
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #3: Chloromethane



Original Peak Response = 4553



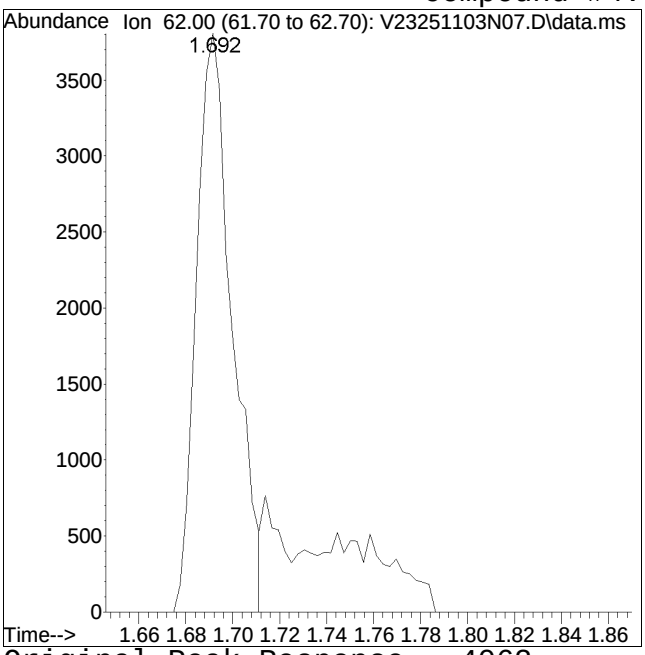
Manual Peak Response = 5070 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

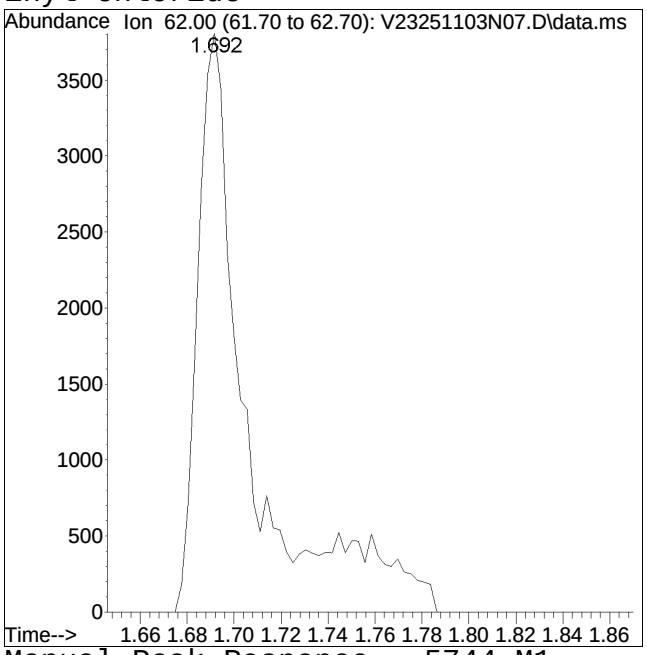
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #4: Vinyl chloride



Original Peak Response = 4062



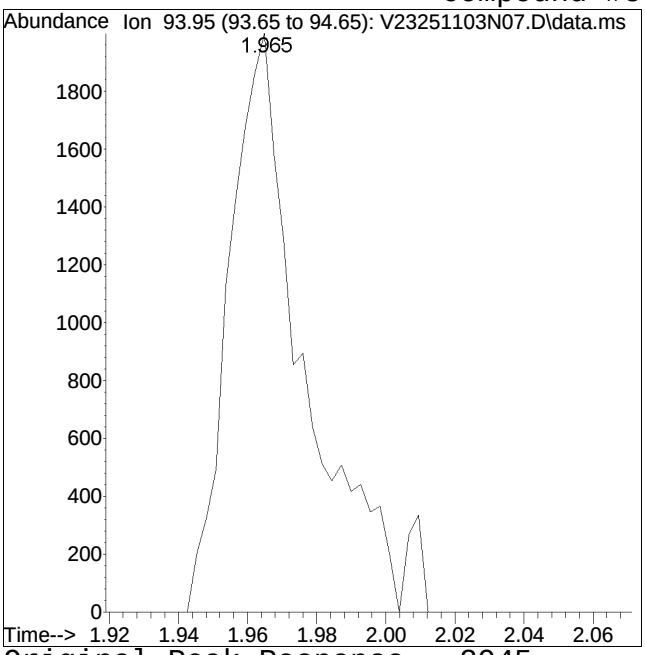
Manual Peak Response = 5744 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

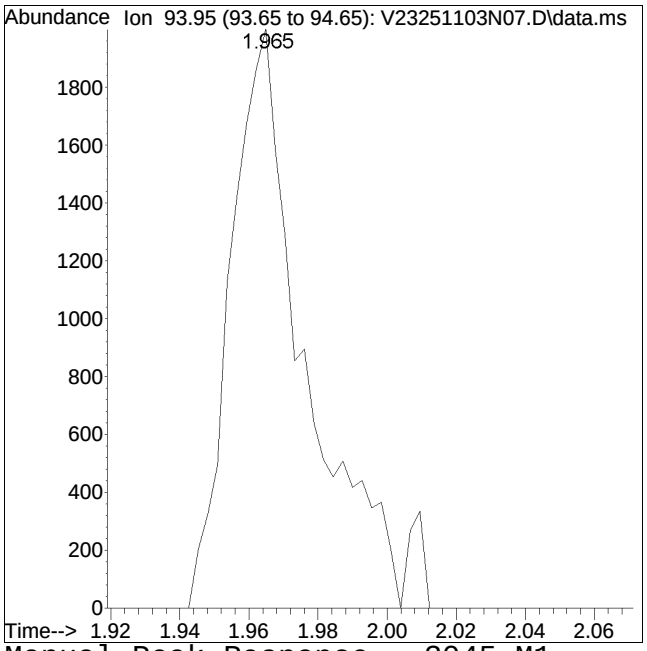
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #5: Bromomethane



Original Peak Response = 2945



Manual Peak Response = 3045 M1

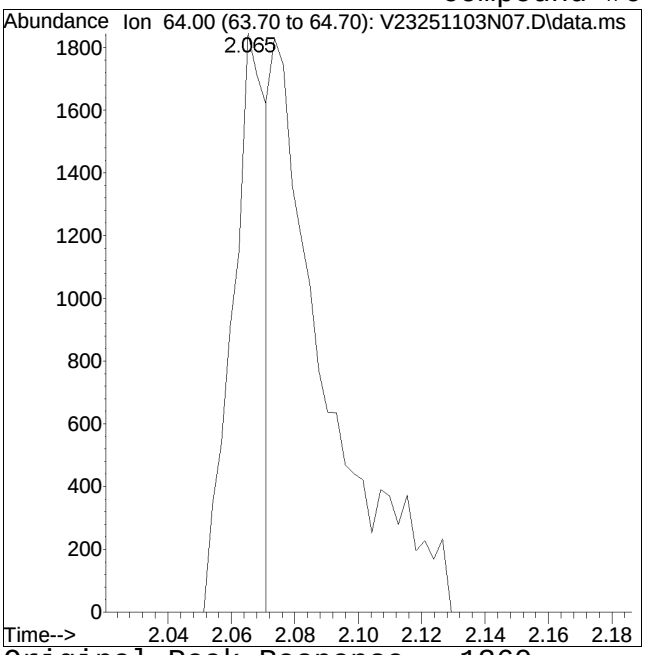
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

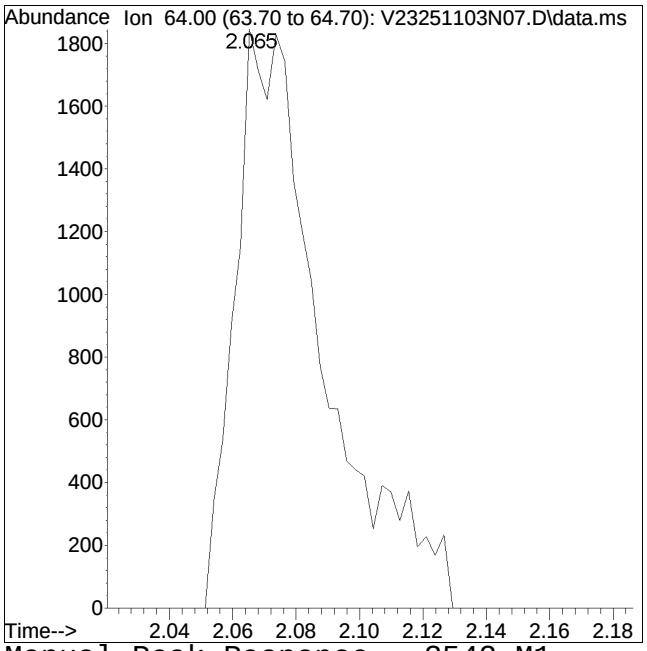
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N07.D
Date Inj'd : 11/3/2025 9:35 pm
Sample : I8260STD2PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #6: Chloroethane



Original Peak Response = 1360



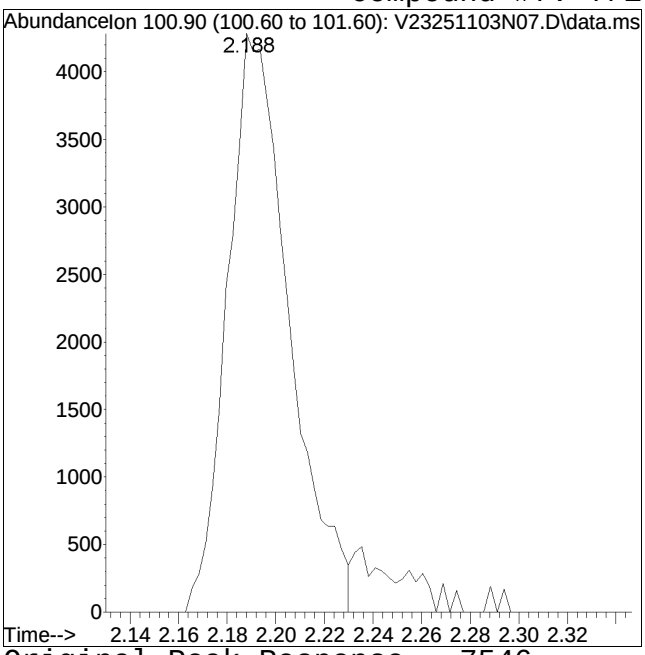
Manual Peak Response = 3542 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

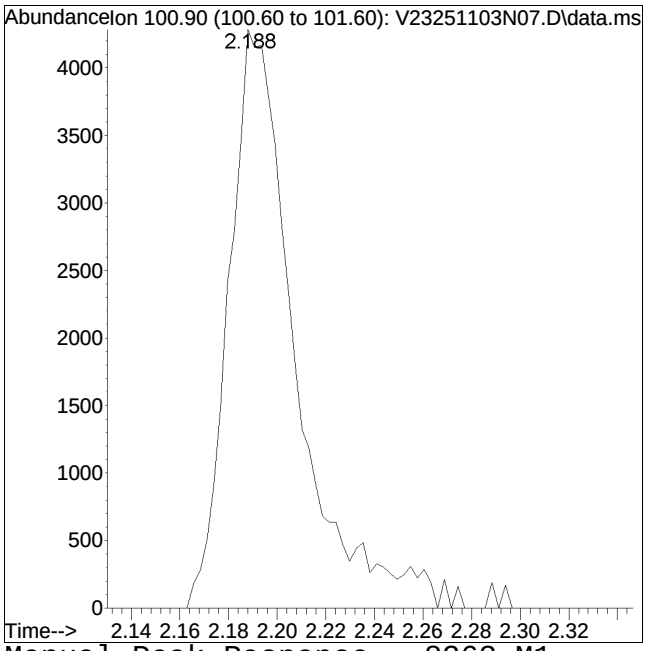
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #7: Trichlorofluoromethane



Original Peak Response = 7546



Manual Peak Response = 8263 M1

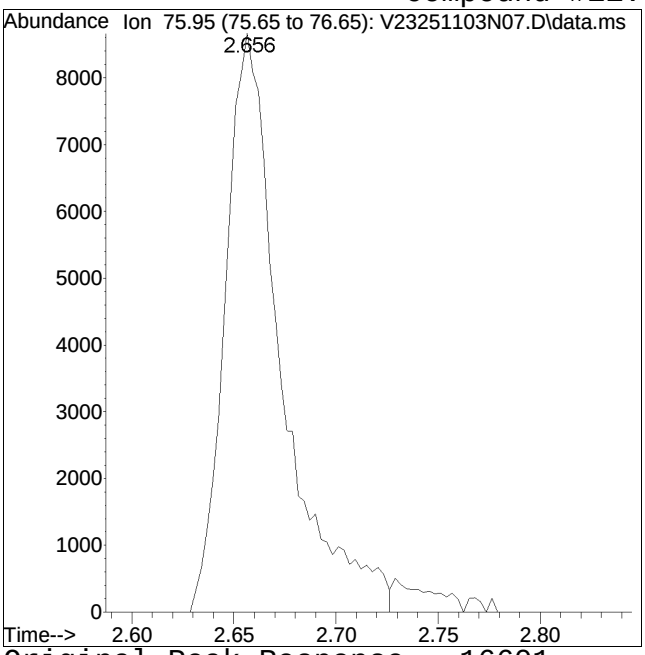
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

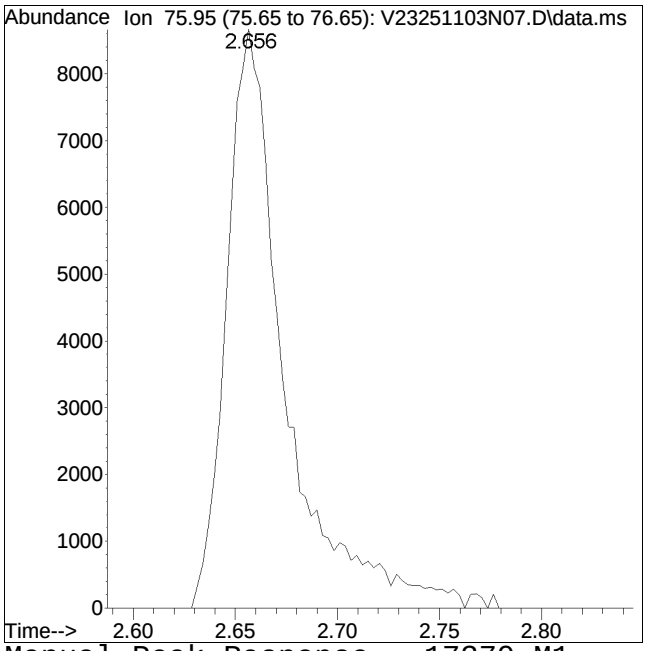
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N07.D
Date Inj'd : 11/3/2025 9:35 pm
Sample : I8260STD2PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #11: Carbon disulfide



Original Peak Response = 16601



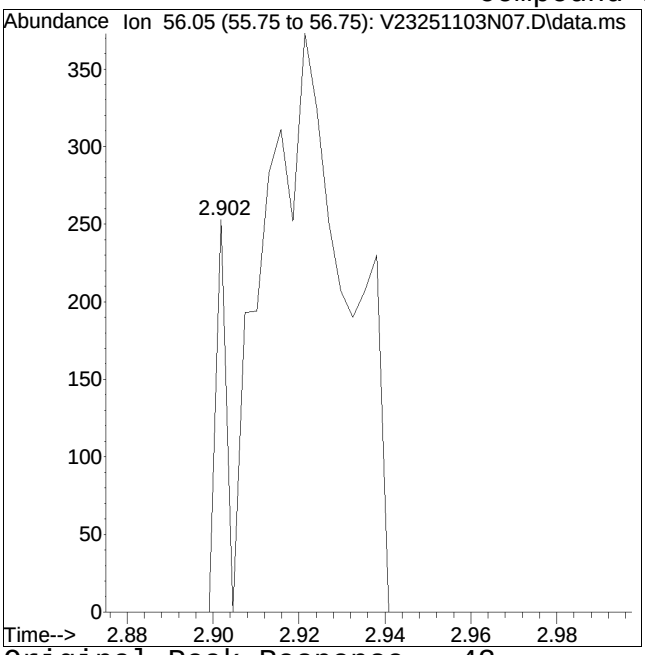
Manual Peak Response = 17370 M1

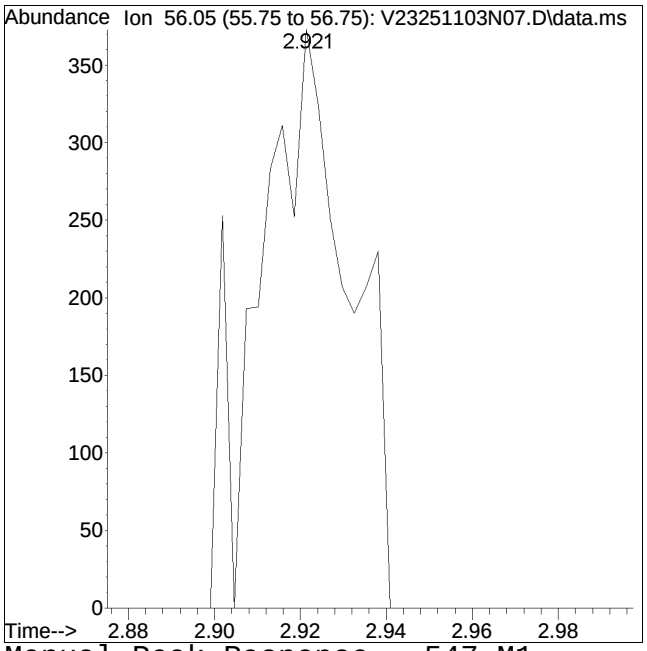
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #14: Acrolein



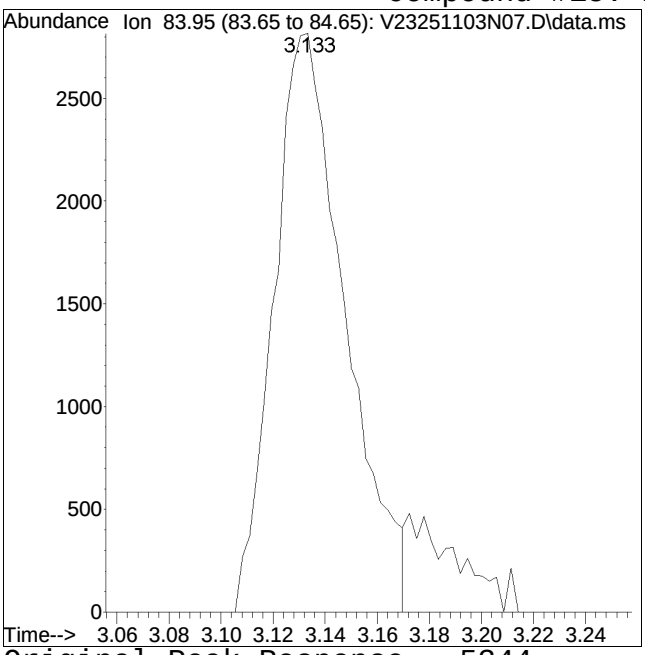


Original Peak Response = 42 Manual Peak Response = 547 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

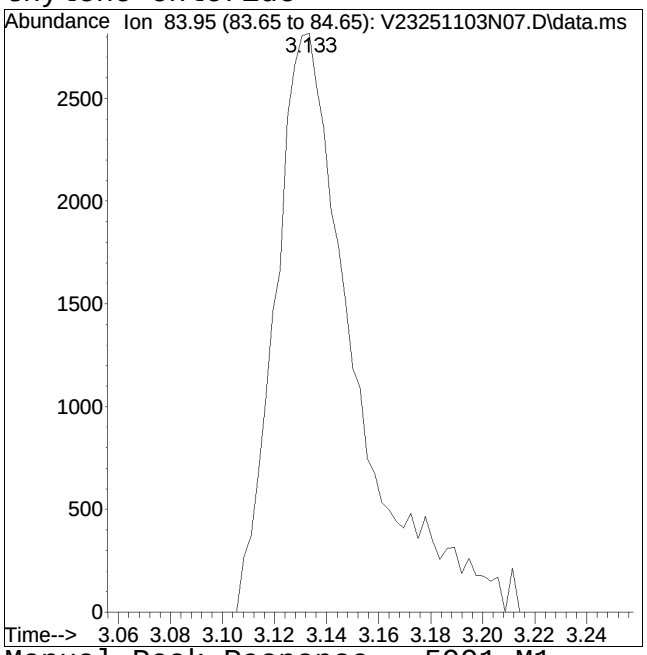
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #15: Methylene chloride



Original Peak Response = 5344



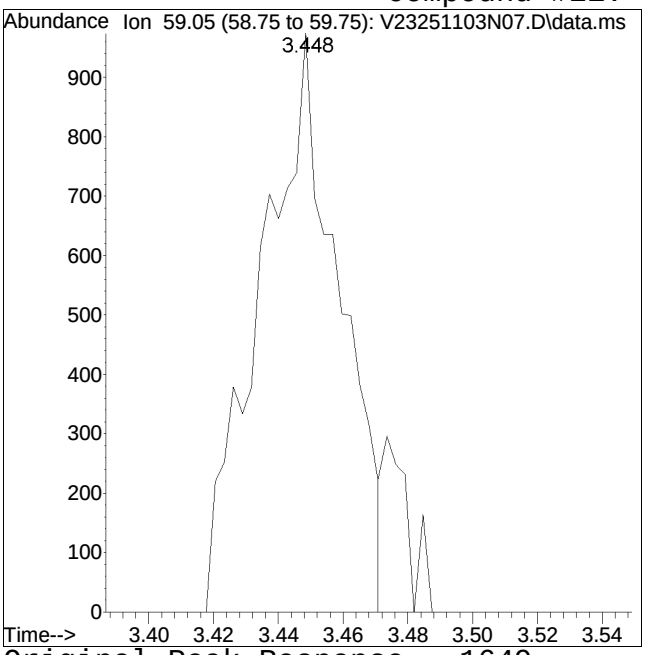
Manual Peak Response = 5991 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

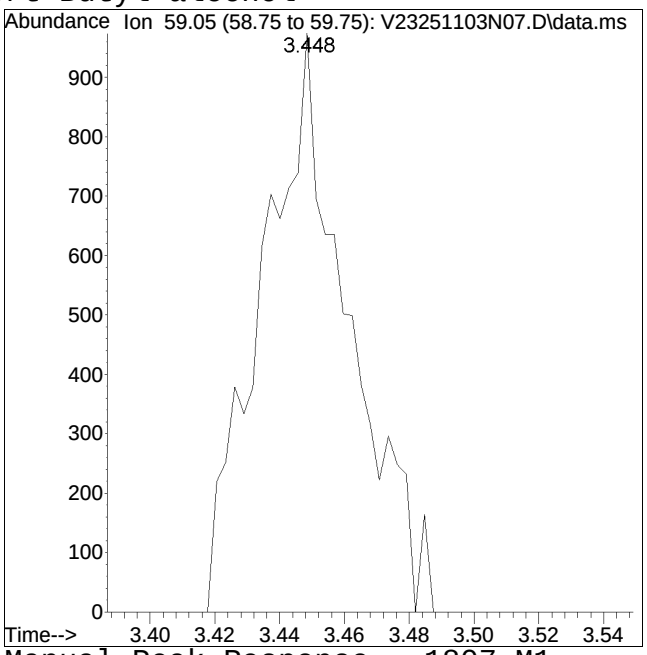
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #21: tert-Butyl alcohol



Original Peak Response = 1649



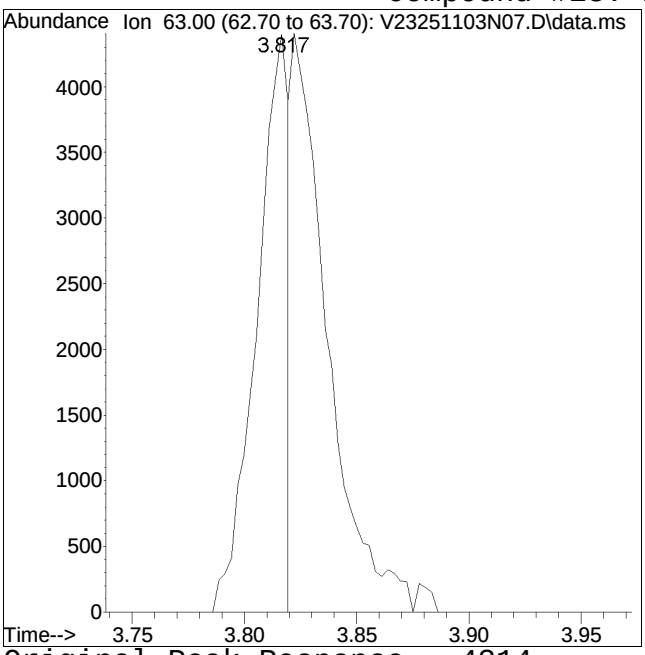
Manual Peak Response = 1807 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

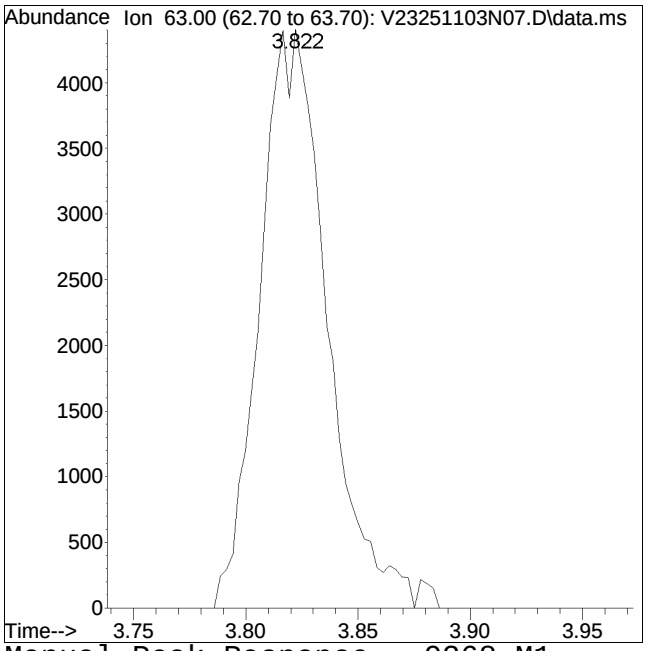
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #23: 1,1-Dichloroethane



Original Peak Response = 4314



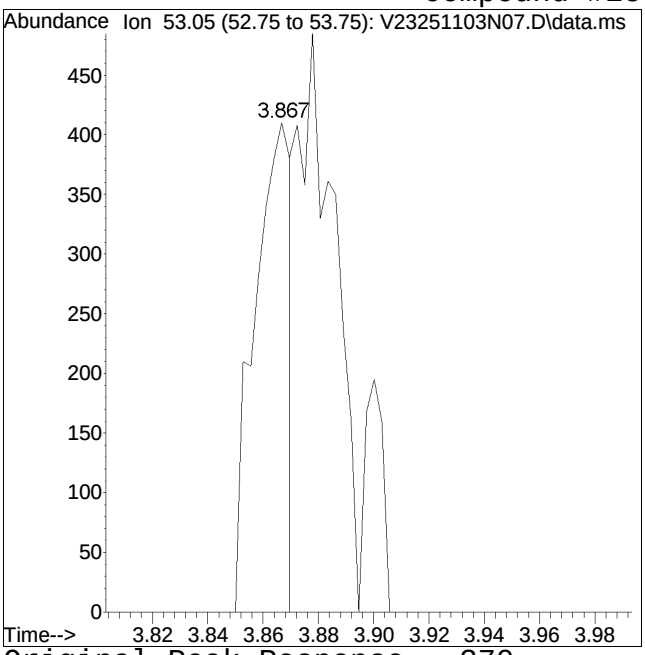
Manual Peak Response = 9268 M1

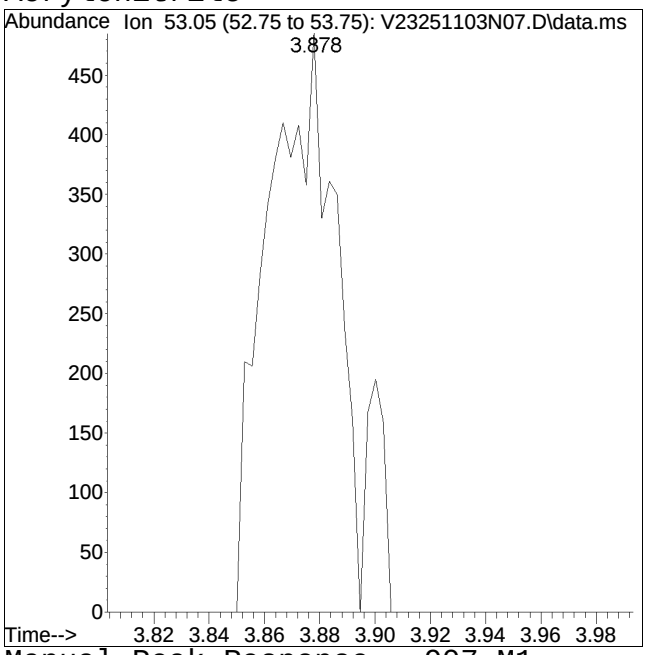
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #25: Acrylonitrile



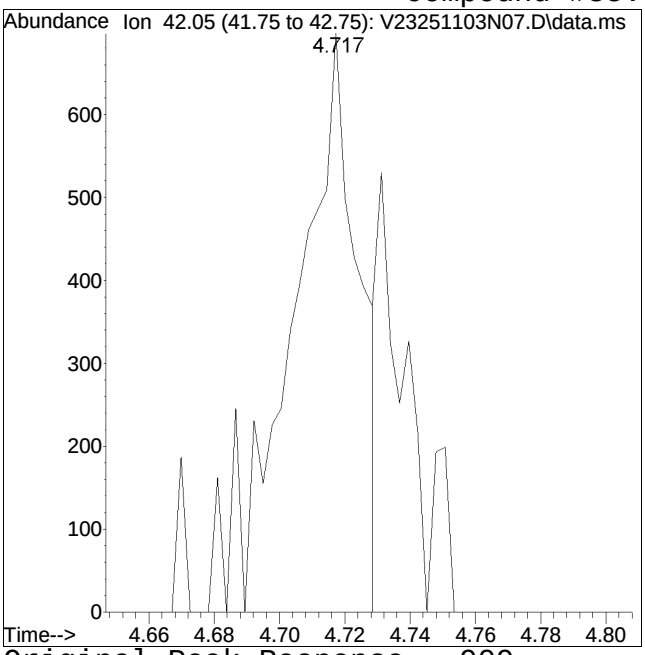


Original Peak Response = 370 Manual Peak Response = 907 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

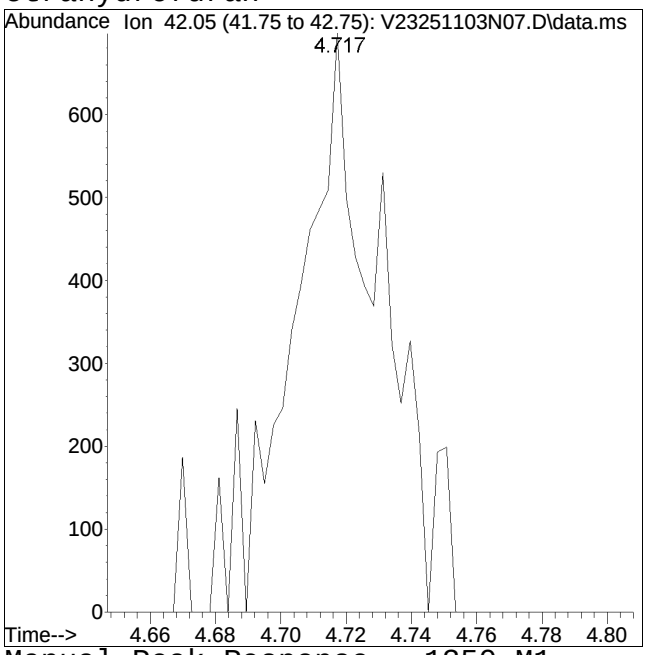
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 909



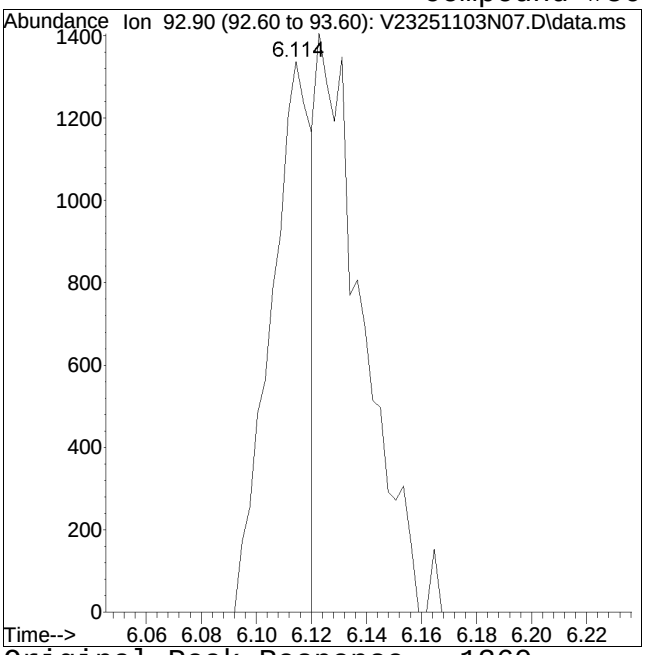
Manual Peak Response = 1350 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

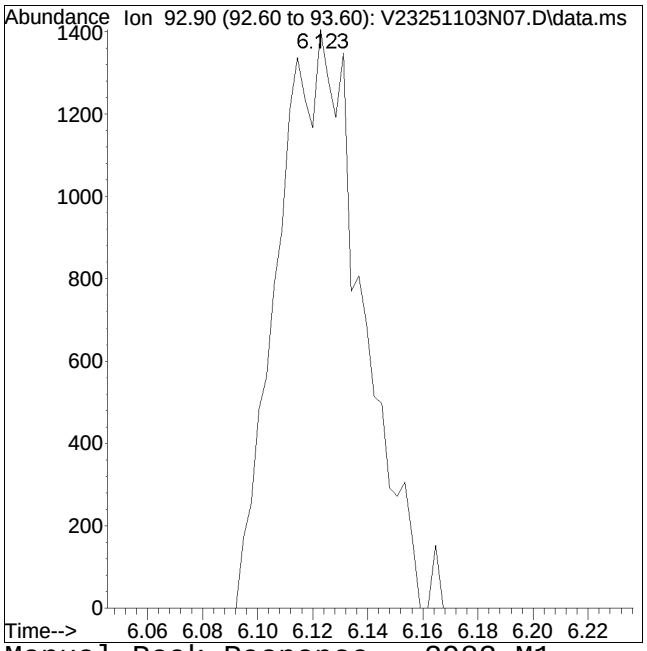
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #50: Dibromomethane



Original Peak Response = 1360



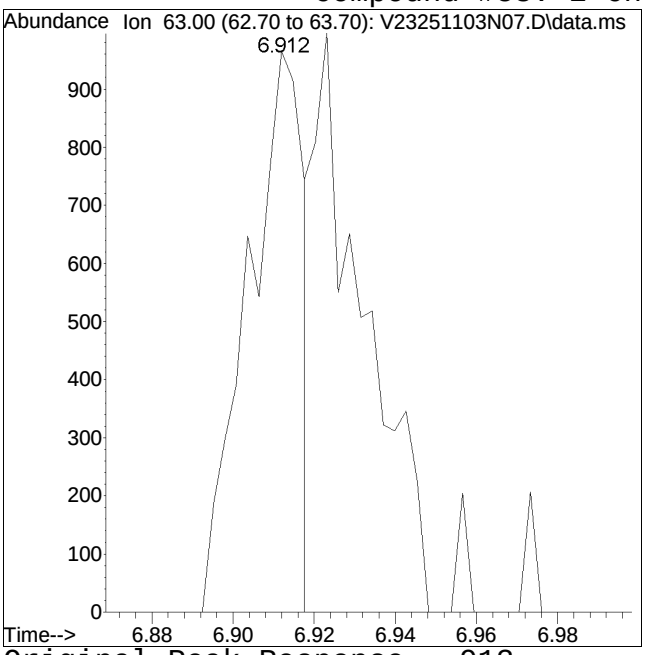
Manual Peak Response = 2983 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

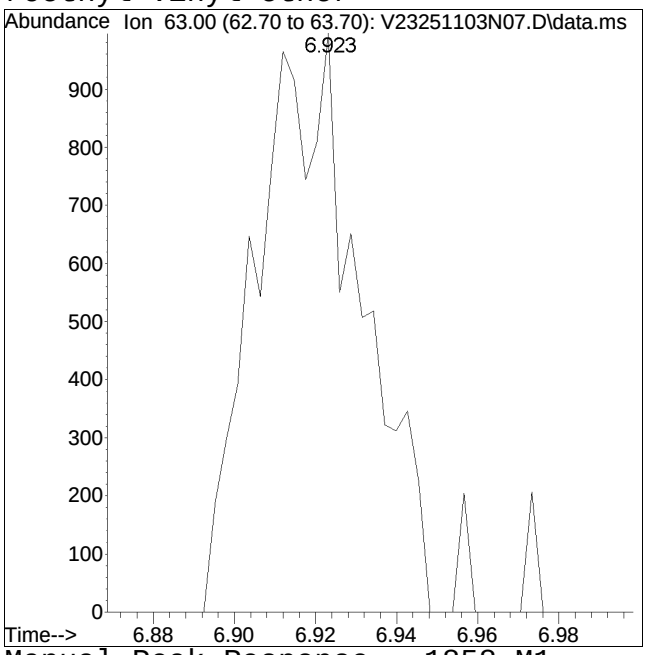
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #53: 2-Chloroethyl vinyl ether



Original Peak Response = 913



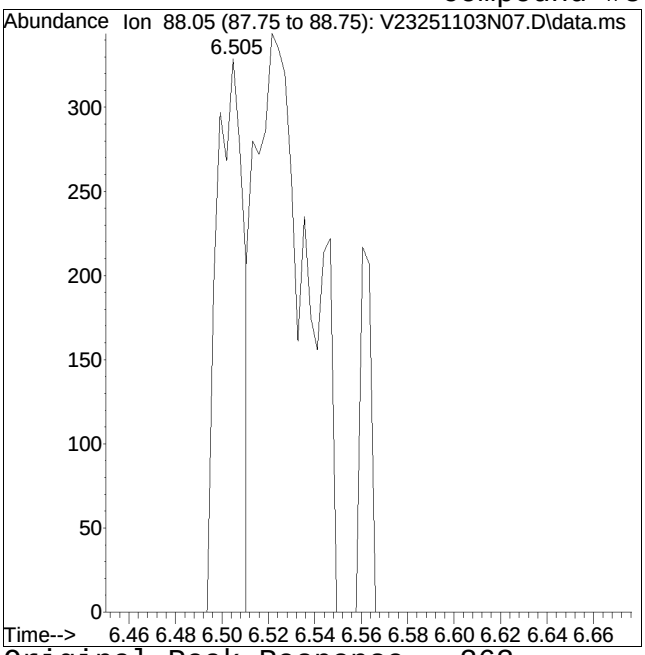
Manual Peak Response = 1858 M1

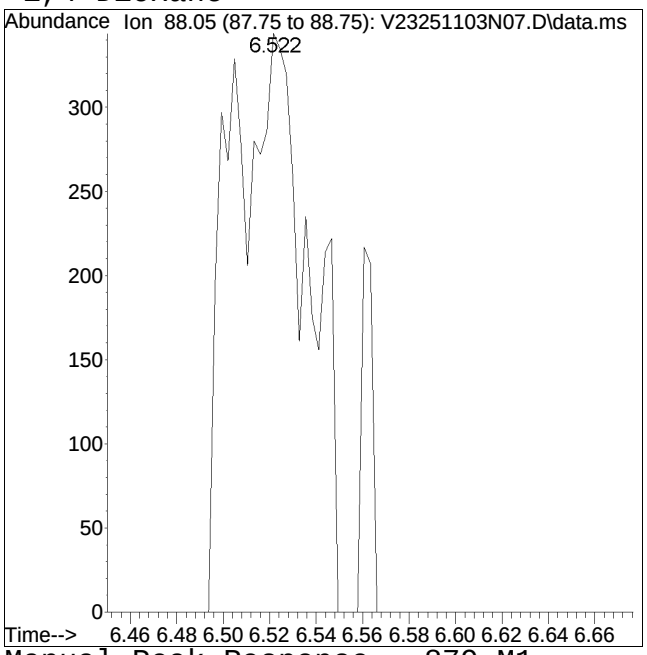
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #57: 1,4-Dioxane





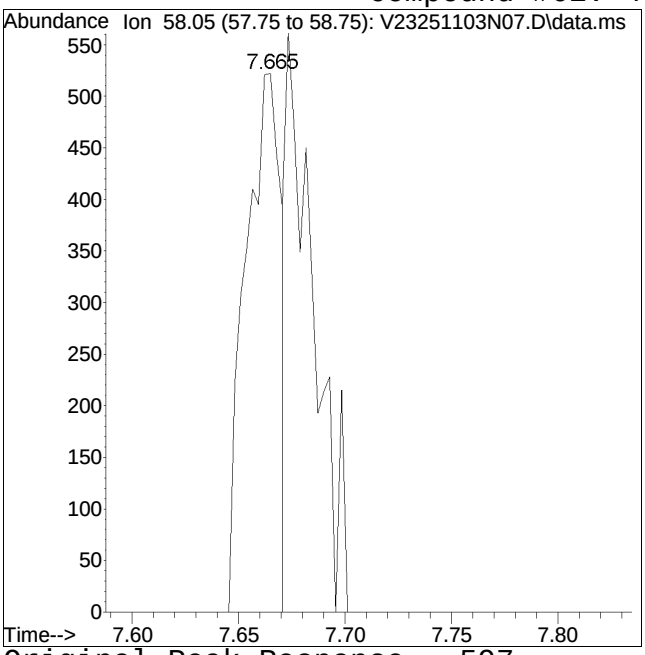
Original Peak Response = 263 Manual Peak Response = 879 M1

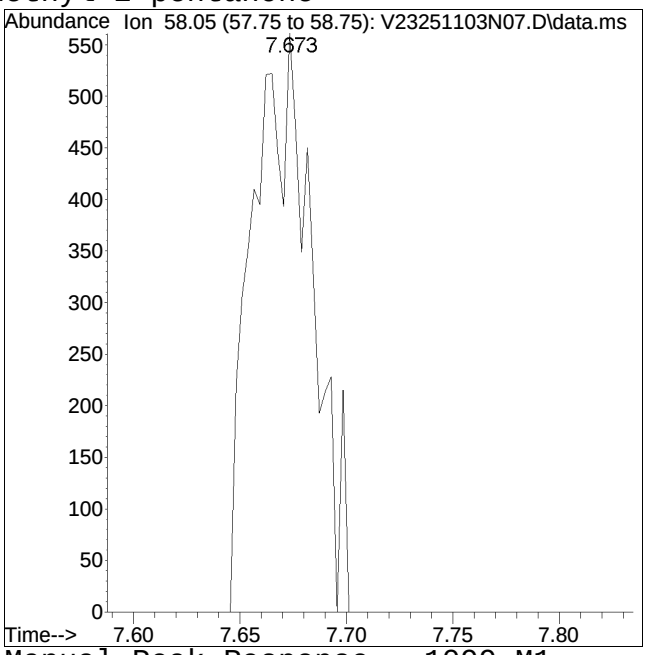
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N07.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 9:35 pm Instrument : VOA123
Sample : I8260STD2PPB Quant Date : 11/4/2025 12:14 pm

Compound #62: 4-Methyl-2-pentanone





Original Peak Response = 597 Manual Peak Response = 1099 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N08.D
Acq On : 03 Nov 2025 10:01 pm
Operator : VOA123:AJK
Sample : I8260STD4PPB
Misc : WG2136903,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 04 12:26:01 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.518	96	201082	20.000 ug/L	0.00
Standard Area 1 = 201320			Recovery = 99.88%		
59) Chlorobenzene-d5	8.992	117	143146	20.000 ug/L	0.00
Standard Area 1 = 146207			Recovery = 97.91%		
79) 1,4-Dichlorobenzene-d4	11.800	152	76658	20.000 ug/L	0.00
Standard Area 1 = 79326			Recovery = 96.64%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.737	113	49883	19.424 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.12%		
43) 1,2-Dichloroethane-d4	5.241	65	52499	20.381 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.91%		
60) Toluene-d8	7.177	98	196105	20.320 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.60%		
83) 4-Bromofluorobenzene	10.537	95	69199	20.127 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.63%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.466	85	7858M1	3.456 ug/L	
3) Chloromethane	1.655	50	8219M1	3.335 ug/L	
4) Vinyl chloride	1.691	62	9189M1	3.360 ug/L	
5) Bromomethane	1.965	94	5338	3.230 ug/L	97
6) Chloroethane	2.071	64	5953	3.257 ug/L	94
7) Trichlorofluoromethane	2.193	101	13987M1	3.457 ug/L	
8) Ethyl ether	2.456	74	5122	3.734 ug/L #	91
10) 1,1-Dichloroethene	2.626	96	7424	3.469 ug/L	95
11) Carbon disulfide	2.659	76	27366M1	3.702 ug/L	
12) Freon-113	2.665	101	7498	3.438 ug/L	98
14) Acrolein	2.918	56	1014	3.851 ug/L	86
15) Methylene chloride	3.130	84	10181M1	3.745 ug/L	
17) Acetone	3.169	43	5902M1	8.939 ug/L	
18) trans-1,2-Dichloroethene	3.278	96	8660	3.383 ug/L	95
19) Methyl acetate	3.281	43	4080	3.752 ug/L #	92
20) Methyl tert-butyl ether	3.365	73	26044	3.628 ug/L #	89
21) tert-Butyl alcohol	3.448	59	3521	16.977 ug/L #	84
22) Diisopropyl ether	3.702	45	27471	3.542 ug/L #	84
23) 1,1-Dichloroethane	3.819	63	16377	3.501 ug/L	99
24) Halothane	3.869	117	6260	3.335 ug/L	100
25) Acrylonitrile	3.869	53	1904M1	3.445 ug/L	

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N08.D
Acq On : 03 Nov 2025 10:01 pm
Operator : VOA123:AJK
Sample : I8260STD4PPB
Misc : WG2136903,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 04 12:26:01 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.031	59	28029	3.563	ug/L		93
27) Vinyl acetate	4.045	43	18905	3.479	ug/L	#	92
28) cis-1,2-Dichloroethene	4.318	96	10229	3.502	ug/L		97
29) 2,2-Dichloropropane	4.410	77	13048	3.414	ug/L		87
30) Bromochloromethane	4.494	128	4763	3.587	ug/L		93
31) Cyclohexane	4.508	56	13491	3.510	ug/L		97
32) Chloroform	4.567	83	20811	4.209	ug/L		96
33) Ethyl acetate	4.678	43	6193	3.453	ug/L	#	85
34) Carbon tetrachloride	4.695	117	12445	3.386	ug/L	#	91
35) Tetrahydrofuran	4.726	42	2110M1	3.856	ug/L		
37) 1,1,1-Trichloroethane	4.762	97	13931	3.415	ug/L		97
39) 2-Butanone	4.854	43	4175	5.900	ug/L	#	62
40) 1,1-Dichloropropene	4.879	75	10875	3.457	ug/L		98
41) Benzene	5.113	78	34113	3.433	ug/L	#	86
42) tert-Amyl methyl ether	5.225	73	24988	3.547	ug/L		93
44) 1,2-Dichloroethane	5.306	62	13030	3.698	ug/L		94
47) Methyl cyclohexane	5.682	83	14648	3.482	ug/L		92
48) Trichloroethene	5.696	95	9424	3.445	ug/L		97
50) Dibromomethane	6.114	93	5823	3.643	ug/L		96
51) 1,2-Dichloropropane	6.220	63	9366	3.508	ug/L		98
53) 2-Chloroethyl vinyl ether	6.912	63	3971	3.320	ug/L	#	79
54) Bromodichloromethane	6.293	83	12909	3.330	ug/L		95
57) 1,4-Dioxane	6.510	88	2624M1	160.400	ug/L		
58) cis-1,3-Dichloropropene	6.973	75	14724	3.355	ug/L	#	89
61) Toluene	7.233	92	22281	3.549	ug/L		98
62) 4-Methyl-2-pentanone	7.670	58	2463	3.467	ug/L		76
63) Tetrachloroethene	7.673	166	9766	3.471	ug/L		98
65) trans-1,3-Dichloropropene	7.718	75	12071	3.235	ug/L		98
67) Ethyl methacrylate	7.916	69	9404	3.350	ug/L		85
68) 1,1,2-Trichloroethane	7.894	83	6682	3.696	ug/L		99
69) Chlorodibromomethane	8.097	129	9159	3.320	ug/L		98
70) 1,3-Dichloropropane	8.209	76	13205	3.664	ug/L		98
71) 1,2-Dibromoethane	8.368	107	7435	3.451	ug/L		99
72) 2-Hexanone	8.669	43	4372	3.823	ug/L	#	79
73) Chlorobenzene	9.012	112	26245	3.576	ug/L		93
74) Ethylbenzene	9.059	91	44601	3.637	ug/L		98
75) 1,1,1,2-Tetrachloroethane	9.098	131	9558	3.440	ug/L		98
76) p/m Xylene	9.243	106	33456	6.997	ug/L		99
77) o Xylene	9.781	106	33556	7.014	ug/L		98
78) Styrene	9.857	104	54998	6.726	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N08.D
Acq On : 03 Nov 2025 10:01 pm
Operator : VOA123:AJK
Sample : I8260STD4PPB
Misc : WG2136903,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 04 12:26:01 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80)	Bromoform	9.871	173	5384	3.096	ug/L		96
82)	Isopropylbenzene	10.197	105	42771	3.551	ug/L		100
84)	Bromobenzene	10.652	156	11720	3.628	ug/L		97
85)	n-Propylbenzene	10.710	91	50615	3.528	ug/L		100
86)	1,4-Dichlorobutane	10.718	55	13055	3.656	ug/L		93
87)	1,1,2,2-Tetrachloroethane	10.802	83	9851	3.714	ug/L		98
88)	4-Ethyltoluene	10.847	105	42067	3.495	ug/L		99
89)	2-Chlorotoluene	10.877	91	31567M6	3.577	ug/L		
90)	1,3,5-Trimethylbenzene	10.950	105	38001	3.594	ug/L		97
91)	1,2,3-Trichloropropane	10.942	75	7840	3.846	ug/L		99
92)	trans-1,4-Dichloro-2-b...	11.014	53	2298	3.171	ug/L	#	76
93)	4-Chlorotoluene	11.073	91	32367	3.559	ug/L		100
94)	tert-Butylbenzene	11.298	119	31637	3.549	ug/L		97
97)	1,2,4-Trimethylbenzene	11.385	105	37436	3.554	ug/L		97
98)	sec-Butylbenzene	11.499	105	47162	3.537	ug/L		99
99)	p-Isopropyltoluene	11.664	119	40257	3.471	ug/L		98
100)	1,3-Dichlorobenzene	11.722	146	21446	3.475	ug/L		99
101)	1,4-Dichlorobenzene	11.817	146	22629	3.622	ug/L		96
102)	p-Diethylbenzene	12.049	119	23950	3.472	ug/L		99
103)	n-Butylbenzene	12.107	91	36110	3.458	ug/L		99
104)	1,2-Dichlorobenzene	12.249	146	20478	3.522	ug/L		100
105)	1,2,4,5-Tetramethylben...	12.860	119	39381	3.496	ug/L		96
106)	1,2-Dibromo-3-chloropr...	13.044	155	1318	3.278	ug/L		96
107)	1,3,5-Trichlorobenzene	13.083	180	16953	3.564	ug/L		98
108)	Hexachlorobutadiene	13.672	225	8392	3.549	ug/L		98
109)	1,2,4-Trichlorobenzene	13.688	180	15620	3.680	ug/L		98
110)	Naphthalene	13.978	128	29620	3.708	ug/L		100
111)	1,2,3-Trichlorobenzene	14.151	180	13525	3.683	ug/L		98

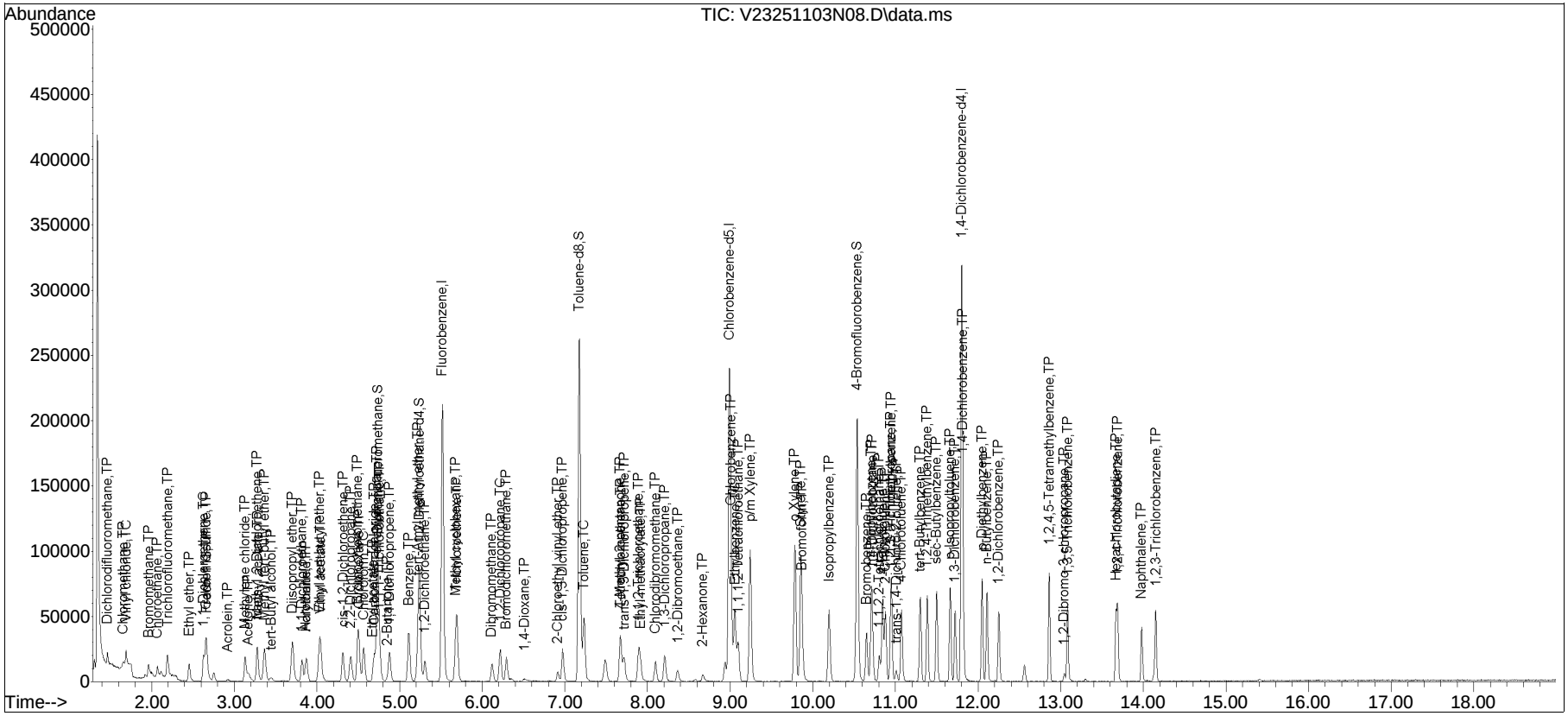
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N08.D
Acq On : 03 Nov 2025 10:01 pm
Operator : VOA123:AJK
Sample : I8260STD4PPB
Misc : WG2136903,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 04 12:26:01 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

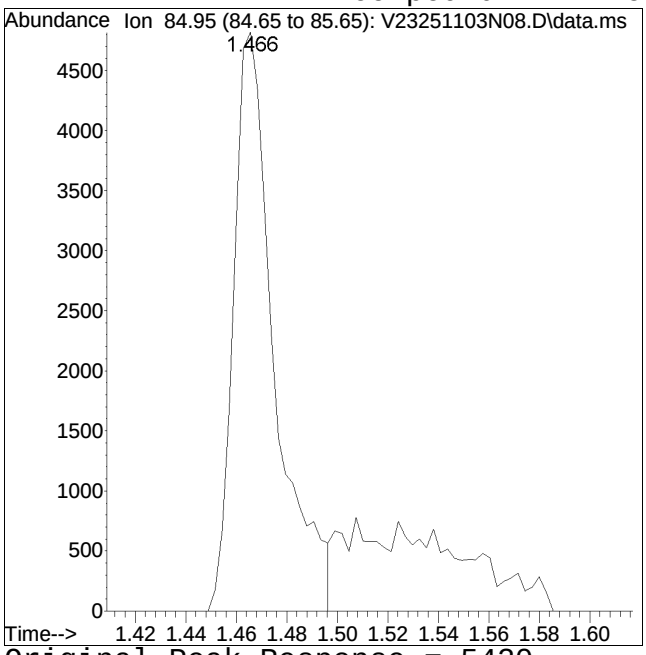
Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•

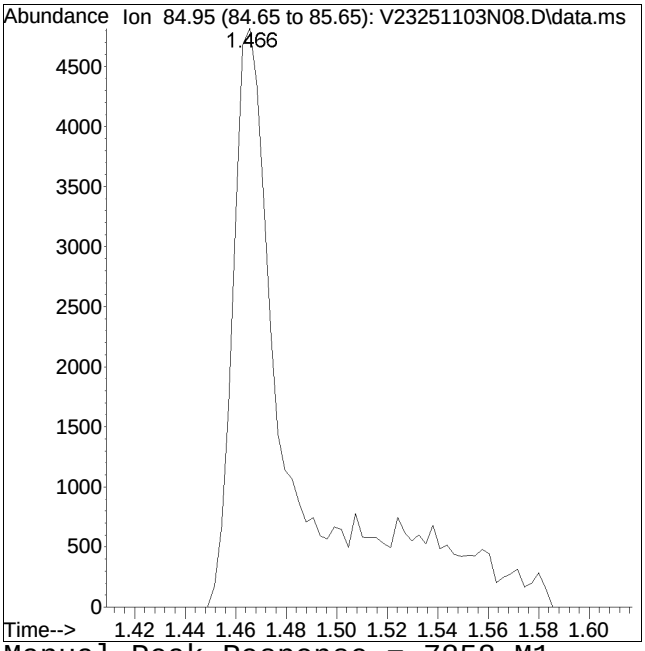


Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N08.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:01 pm Instrument : VOA123
Sample : I8260STD4PPB Quant Date : 11/4/2025 12:14 pm

Compound #2: Dichlorodifluoromethane



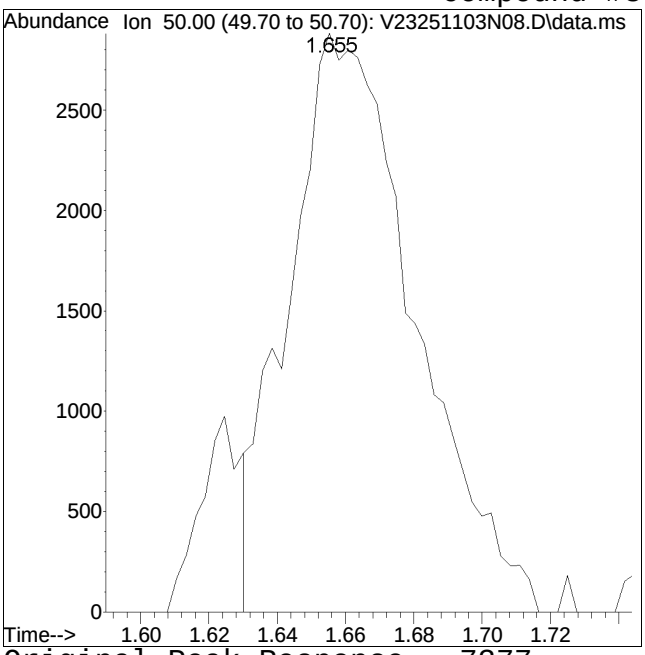


Original Peak Response = 5420 Manual Peak Response = 7858 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

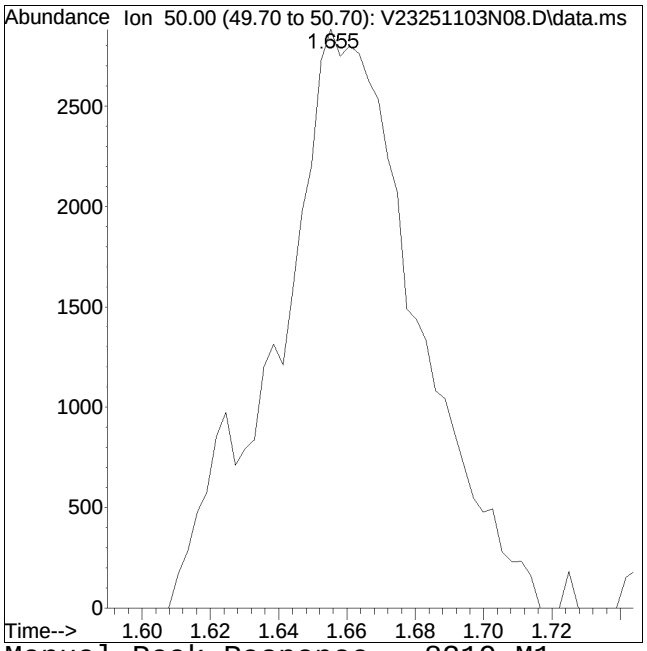
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N08.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:01 pm Instrument : VOA123
Sample : I8260STD4PPB Quant Date : 11/4/2025 12:14 pm

Compound #3: Chloromethane



Original Peak Response = 7377



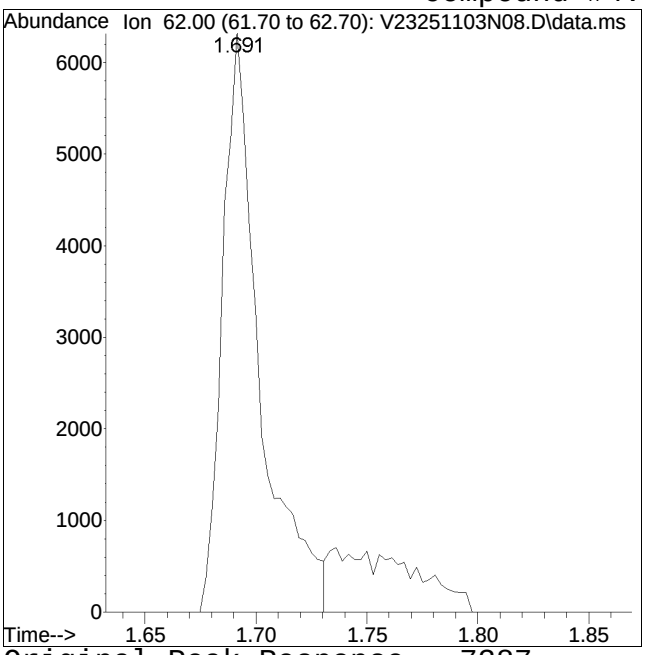
Manual Peak Response = 8219 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

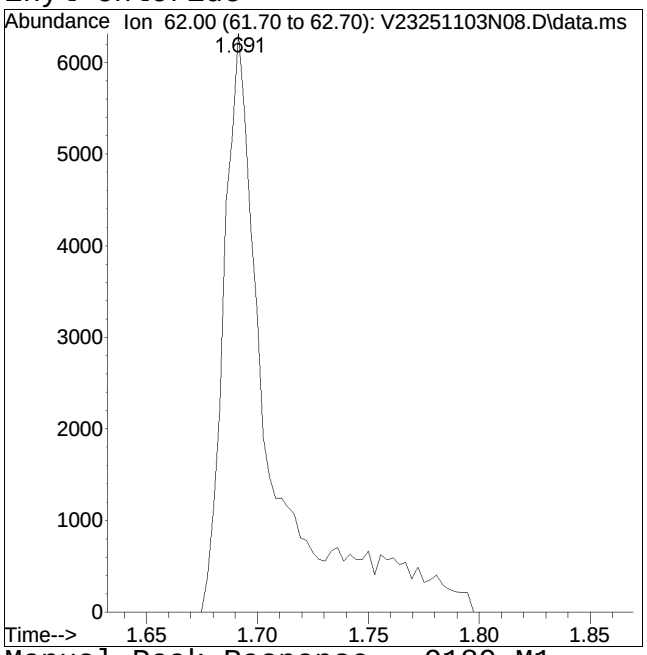
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N08.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:01 pm Instrument : VOA123
Sample : I8260STD4PPB Quant Date : 11/4/2025 12:14 pm

Compound #4: Vinyl chloride



Original Peak Response = 7387



Manual Peak Response = 9189 M1

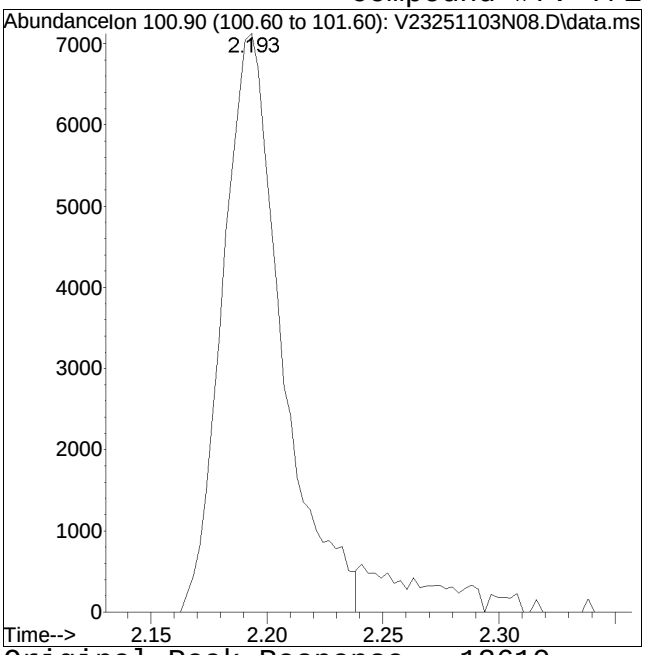
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

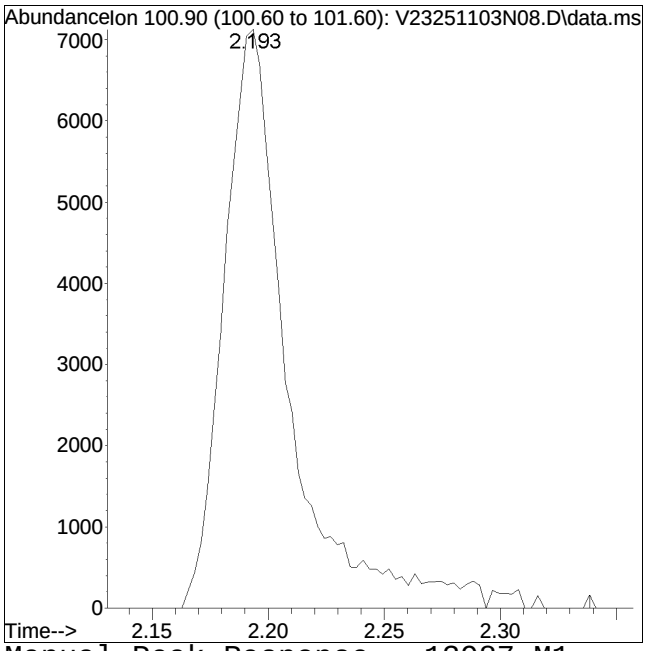
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N08.D
Date Inj'd : 11/3/2025 10:01 pm
Sample : I8260STD4PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #7: Trichlorofluoromethane



Original Peak Response = 12610



Manual Peak Response = 13987 M1

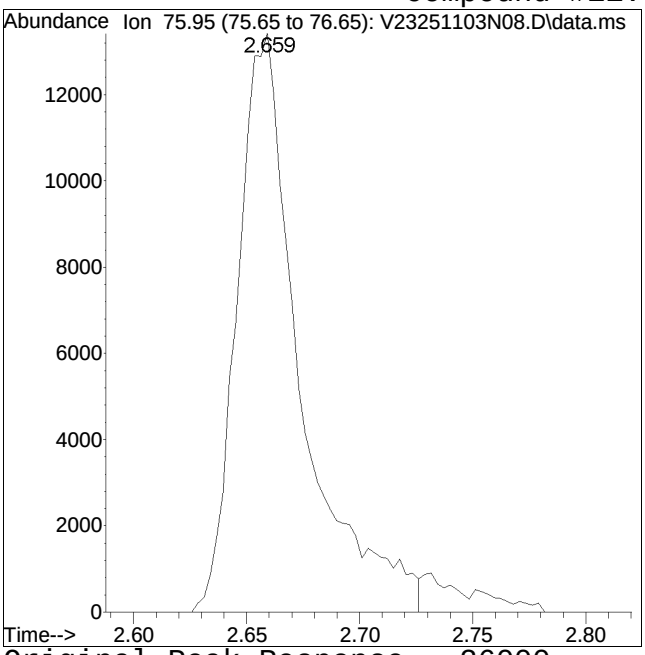
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

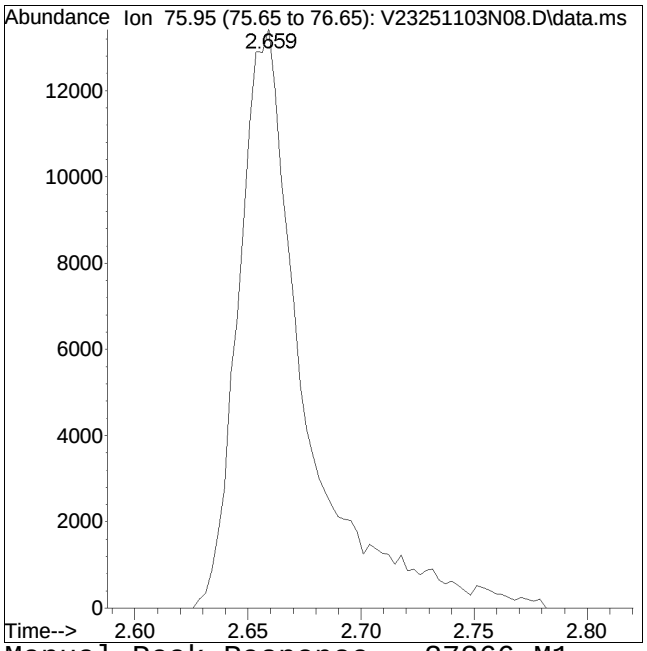
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N08.D
Date Inj'd : 11/3/2025 10:01 pm
Sample : I8260STD4PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #11: Carbon disulfide



Original Peak Response = 26000



Manual Peak Response = 27366 M1

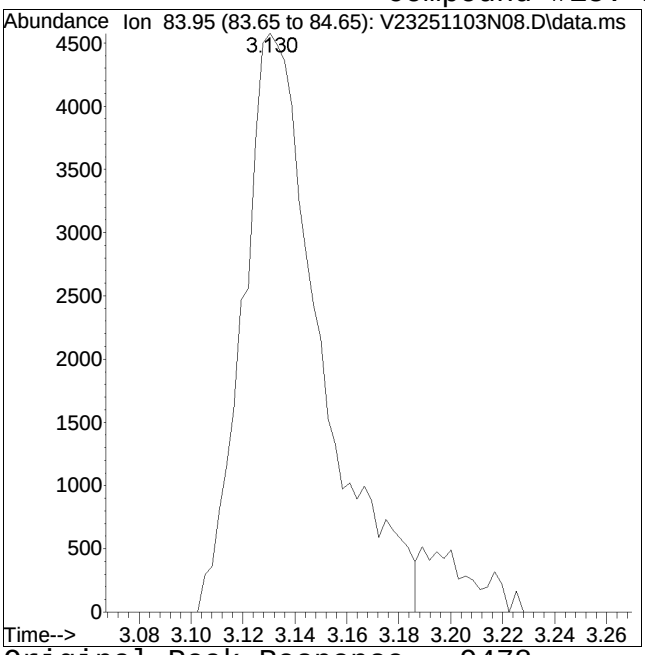
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

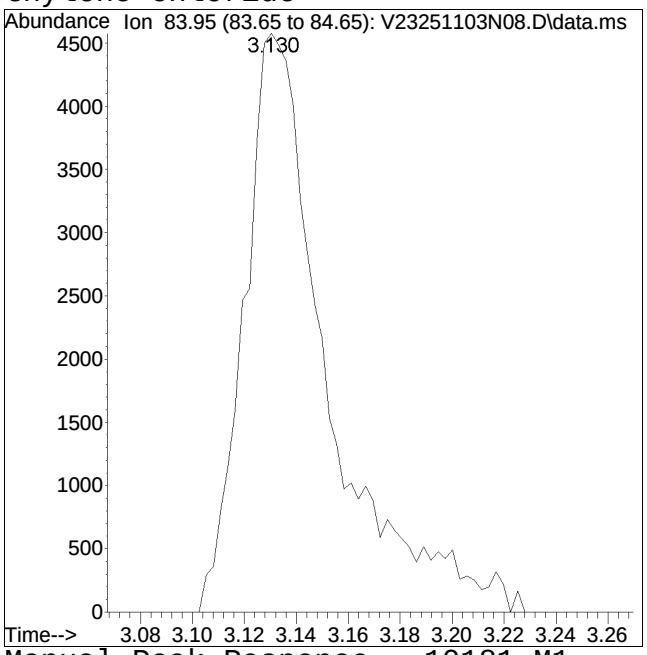
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N08.D
Date Inj'd : 11/3/2025 10:01 pm
Sample : I8260STD4PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:14 pm

Compound #15: Methylene chloride



Original Peak Response = 9478



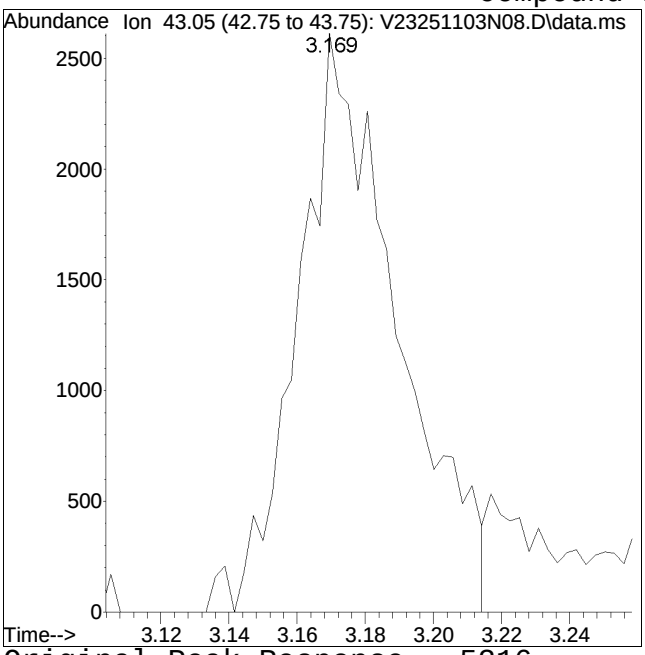
Manual Peak Response = 10181 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

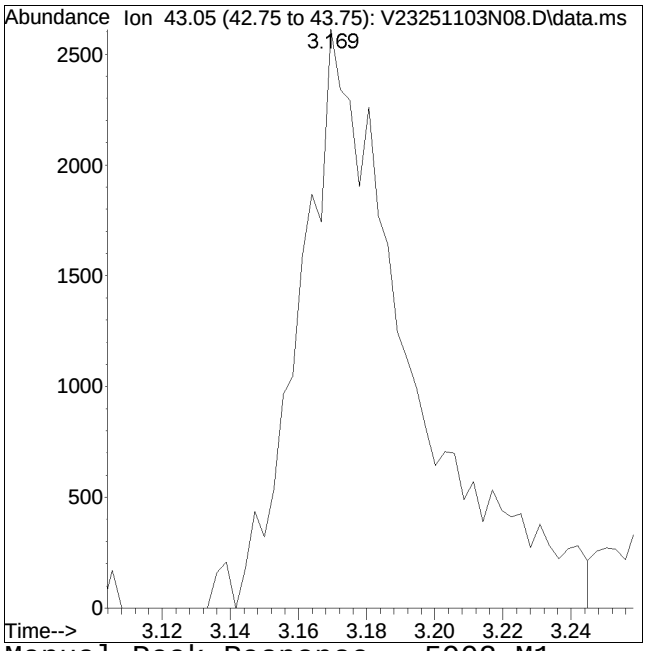
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N08.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:01 pm Instrument : VOA123
Sample : I8260STD4PPB Quant Date : 11/4/2025 12:14 pm

Compound #17: Acetone



Original Peak Response = 5216



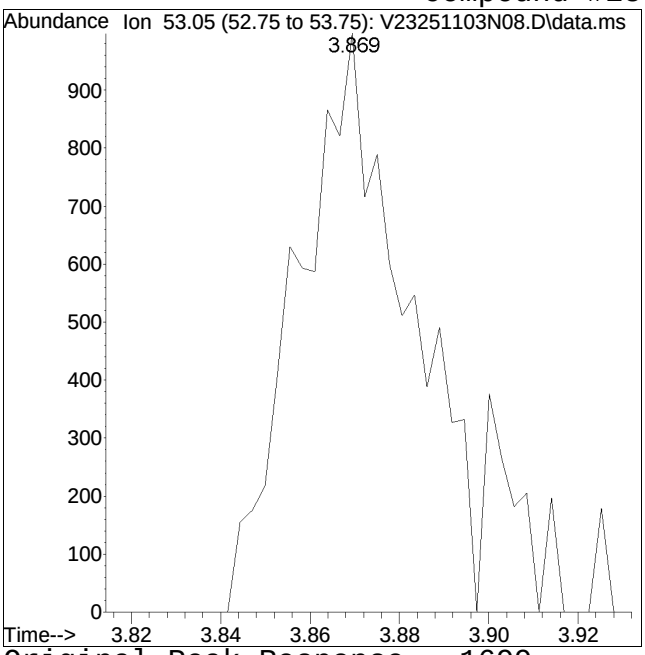
Manual Peak Response = 5902 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

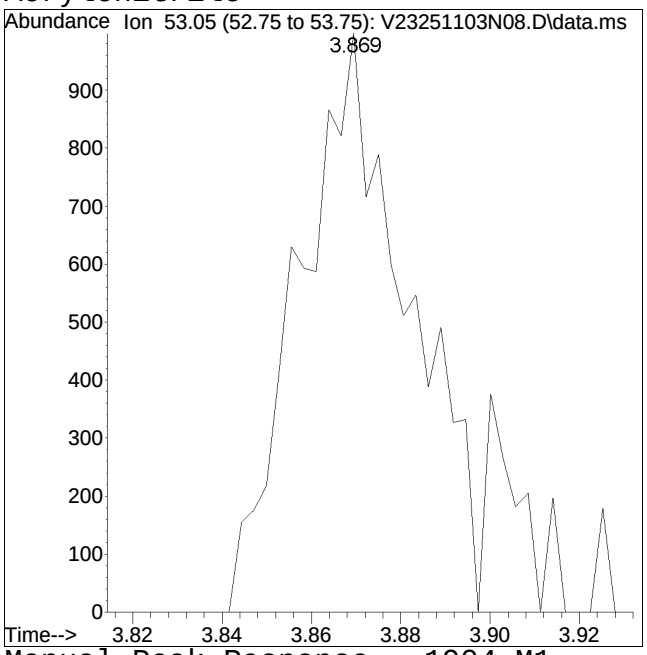
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N08.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:01 pm Instrument : VOA123
Sample : I8260STD4PPB Quant Date : 11/4/2025 12:14 pm

Compound #25: Acrylonitrile



Original Peak Response = 1699



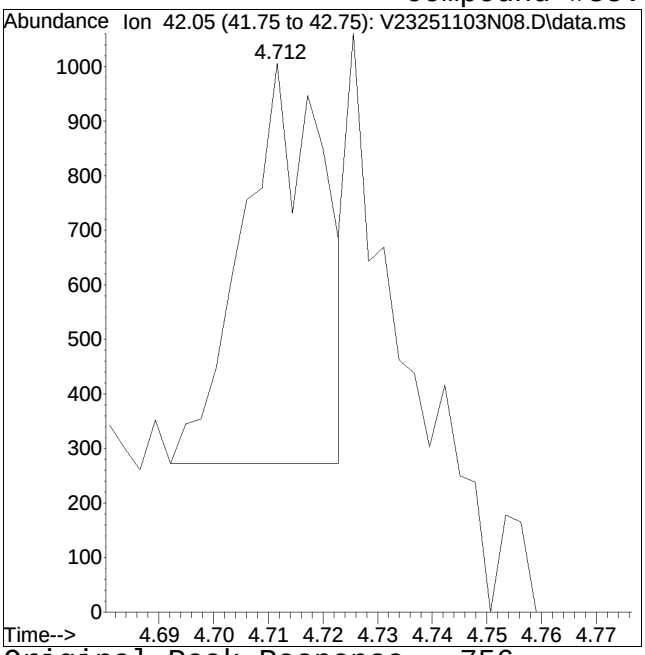
Manual Peak Response = 1904 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

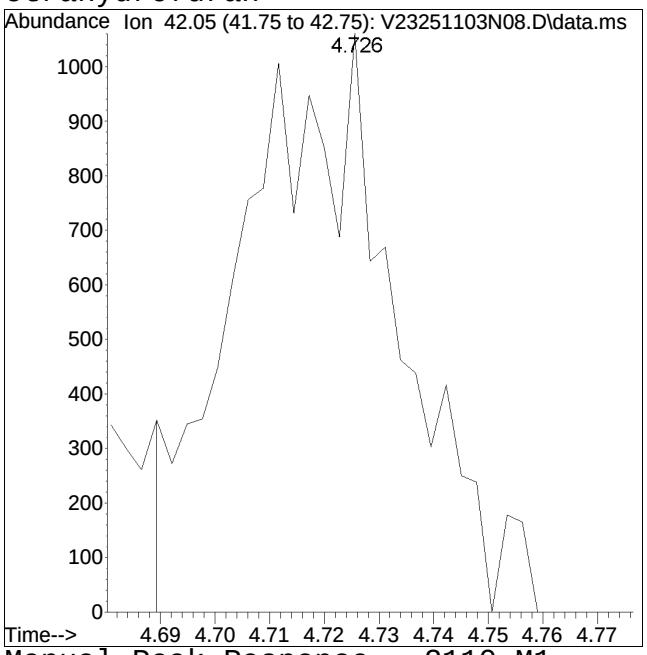
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N08.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:01 pm Instrument : VOA123
Sample : I8260STD4PPB Quant Date : 11/4/2025 12:14 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 756



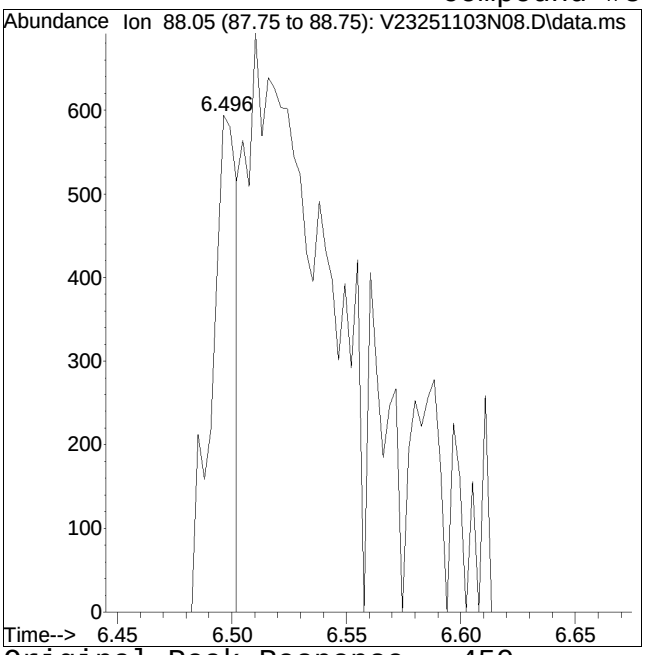
Manual Peak Response = 2110 M1

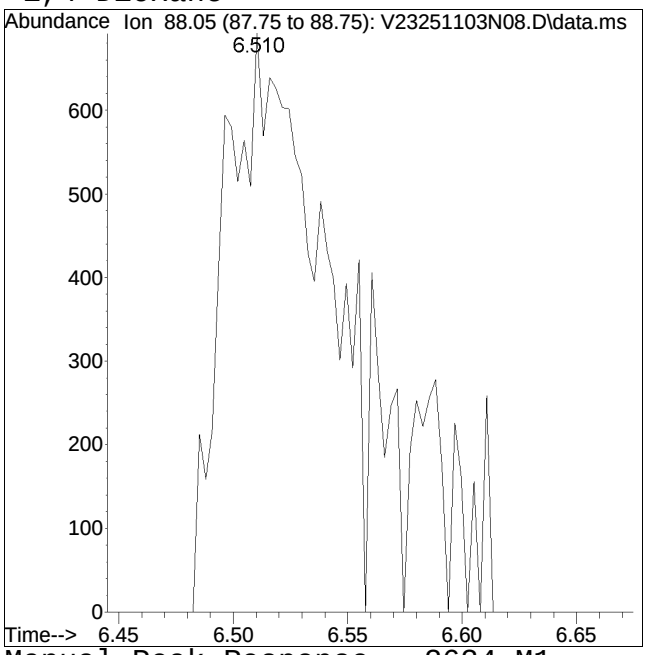
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N08.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:01 pm Instrument : VOA123
Sample : I8260STD4PPB Quant Date : 11/4/2025 12:14 pm

Compound #57: 1,4-Dioxane



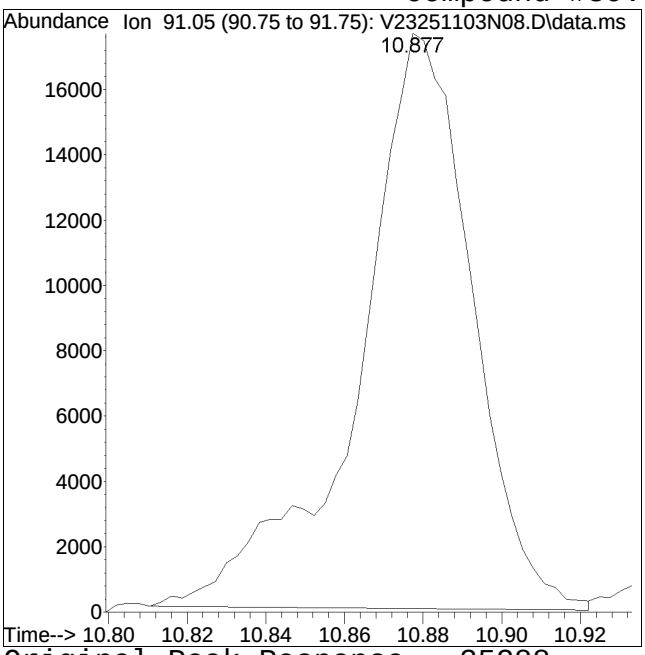


Original Peak Response = 450 Manual Peak Response = 2624 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

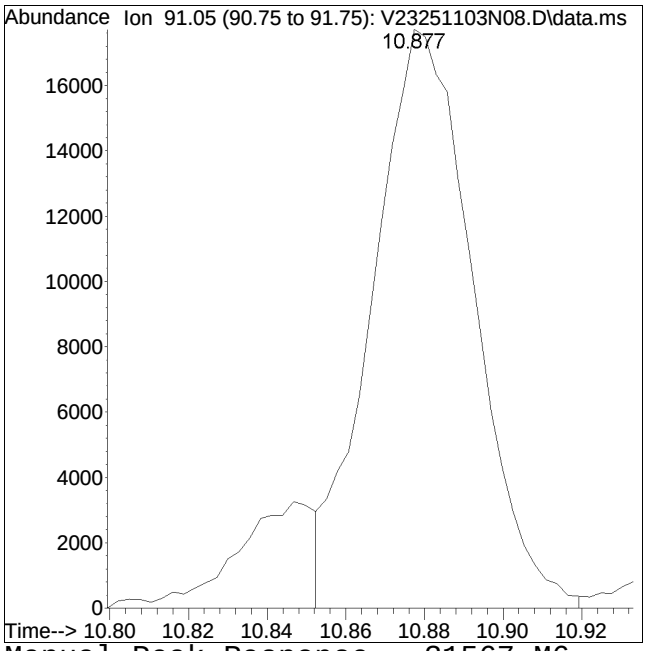
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N08.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:01 pm Instrument : VOA123
Sample : I8260STD4PPB Quant Date : 11/4/2025 12:14 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 35288



Manual Peak Response = 31567 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N09.D
Acq On : 03 Nov 2025 10:27 pm
Operator : VOA123:AJK
Sample : I8260STD20PPB
Misc : WG2136903,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 04 12:27:42 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.518	96	202310	20.000	ug/L	0.00
Standard Area 1 = 201320			Recovery = 100.49%			
59) Chlorobenzene-d5	8.992	117	143929	20.000	ug/L	0.00
Standard Area 1 = 146207			Recovery = 98.44%			
79) 1,4-Dichlorobenzene-d4	11.801	152	78081	20.000	ug/L	0.00
Standard Area 1 = 79326			Recovery = 98.43%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.734	113	50990	19.734	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.67%			
43) 1,2-Dichloroethane-d4	5.242	65	50486	19.481	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.41%			
60) Toluene-d8	7.174	98	196679	20.269	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.35%			
83) 4-Bromofluorobenzene	10.537	95	70133	20.027	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.13%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.466	85	48127M1	21.035	ug/L	
3) Chloromethane	1.664	50	50163	20.233	ug/L	99
4) Vinyl chloride	1.689	62	57335M1	20.840	ug/L	
5) Bromomethane	1.965	94	31929	19.206	ug/L	99
6) Chloroethane	2.071	64	36044M1	19.598	ug/L	
7) Trichlorofluoromethane	2.191	101	84074M1	20.653	ug/L	
8) Ethyl ether	2.453	74	27849	20.177	ug/L	93
10) 1,1-Dichloroethene	2.629	96	43874	20.376	ug/L	91
11) Carbon disulfide	2.656	76	154618	20.790	ug/L	97
12) Freon-113	2.662	101	42787	19.499	ug/L	99
14) Acrolein	2.921	56	5169	19.510	ug/L	99
15) Methylene chloride	3.133	84	55776M1	20.392	ug/L	
17) Acetone	3.170	43	14331	21.574	ug/L	90
18) trans-1,2-Dichloroethene	3.278	96	52422	20.352	ug/L	96
19) Methyl acetate	3.284	43	20670	18.892	ug/L #	90
20) Methyl tert-butyl ether	3.365	73	142833	19.777	ug/L	95
21) tert-Butyl alcohol	3.446	59	19951M1	95.614	ug/L	
22) Diisopropyl ether	3.705	45	156545	20.062	ug/L	95
23) 1,1-Dichloroethane	3.819	63	96506	20.508	ug/L	100
24) Halothane	3.870	117	38673	20.479	ug/L	100
25) Acrylonitrile	3.861	53	11321M1	20.357	ug/L	

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N09.D
Acq On : 03 Nov 2025 10:27 pm
Operator : VOA123:AJK
Sample : I8260STD20PPB
Misc : WG2136903,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 04 12:27:42 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.034	59	157938	19.957	ug/L		93
27) Vinyl acetate	4.045	43	106035	19.392	ug/L		95
28) cis-1,2-Dichloroethene	4.313	96	59702	20.314	ug/L		97
29) 2,2-Dichloropropane	4.408	77	77975	20.277	ug/L		91
30) Bromochloromethane	4.497	128	26518	19.847	ug/L		97
31) Cyclohexane	4.503	56	73058	18.894	ug/L		97
32) Chloroform	4.567	83	102656	20.638	ug/L		95
33) Ethyl acetate	4.678	43	35365	19.601	ug/L		100
34) Carbon tetrachloride	4.695	117	72155	19.513	ug/L		98
35) Tetrahydrofuran	4.715	42	10849	19.704	ug/L		99
37) 1,1,1-Trichloroethane	4.759	97	82624	20.129	ug/L		98
39) 2-Butanone	4.846	43	14311	20.102	ug/L	#	75
40) 1,1-Dichloropropene	4.879	75	64259	20.303	ug/L		99
41) Benzene	5.111	78	200606	20.063	ug/L		97
42) tert-Amyl methyl ether	5.219	73	140505	19.826	ug/L		96
44) 1,2-Dichloroethane	5.309	62	71270	20.106	ug/L		99
47) Methyl cyclohexane	5.679	83	77364	18.277	ug/L		94
48) Trichloroethene	5.693	95	55292	20.092	ug/L		99
50) Dibromomethane	6.117	93	31991	19.893	ug/L		100
51) 1,2-Dichloropropane	6.215	63	54187	20.171	ug/L	#	87
53) 2-Chloroethyl vinyl ether	6.909	63	23285	19.349	ug/L		93
54) Bromodichloromethane	6.290	83	77637	19.903	ug/L		100
57) 1,4-Dioxane	6.510	88	16005M1	972.414	ug/L		
58) cis-1,3-Dichloropropene	6.971	75	85565	19.376	ug/L	#	89
61) Toluene	7.230	92	127556	20.207	ug/L		99
62) 4-Methyl-2-pentanone	7.662	58	13934	19.509	ug/L		86
63) Tetrachloroethene	7.673	166	54380	19.225	ug/L		97
65) trans-1,3-Dichloropropene	7.710	75	73266	19.527	ug/L		98
67) Ethyl methacrylate	7.910	69	55825	19.780	ug/L		92
68) 1,1,2-Trichloroethane	7.891	83	36673	20.176	ug/L		100
69) Chlorodibromomethane	8.097	129	54440	19.627	ug/L		97
70) 1,3-Dichloropropane	8.206	76	72873	20.110	ug/L		100
71) 1,2-Dibromoethane	8.359	107	42986	19.846	ug/L		99
72) 2-Hexanone	8.666	43	22314	19.408	ug/L		93
73) Chlorobenzene	9.012	112	148344	20.103	ug/L	#	88
74) Ethylbenzene	9.057	91	243513	19.751	ug/L		99
75) 1,1,1,2-Tetrachloroethane	9.096	131	54924	19.657	ug/L		100
76) p/m Xylene	9.241	106	187591	39.022	ug/L		98
77) o Xylene	9.784	106	188551	39.195	ug/L		99
78) Styrene	9.854	104	320932	39.033	ug/L		98

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N09.D
Acq On : 03 Nov 2025 10:27 pm
Operator : VOA123:AJK
Sample : I8260STD20PPB
Misc : WG2136903,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 04 12:27:42 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	9.868	173	33257	18.778	ug/L		99
82) Isopropylbenzene	10.194	105	233455	19.028	ug/L		100
84) Bromobenzene	10.649	156	65098	19.783	ug/L		100
85) n-Propylbenzene	10.707	91	279092	19.102	ug/L		100
86) 1,4-Dichlorobutane	10.719	55	71340	19.612	ug/L		94
87) 1,1,2,2-Tetrachloroethane	10.799	83	54192	20.060	ug/L		100
88) 4-Ethyltoluene	10.844	105	233435	19.041	ug/L		99
89) 2-Chlorotoluene	10.878	91	177123M6	19.706	ug/L		
90) 1,3,5-Trimethylbenzene	10.950	105	204019	18.944	ug/L		98
91) 1,2,3-Trichloropropane	10.939	75	40916	19.708	ug/L		99
92) trans-1,4-Dichloro-2-b...	11.003	53	14366	19.464	ug/L	#	81
93) 4-Chlorotoluene	11.070	91	180664	19.502	ug/L		100
94) tert-Butylbenzene	11.301	119	169730	18.694	ug/L		98
97) 1,2,4-Trimethylbenzene	11.385	105	205114	19.119	ug/L		99
98) sec-Butylbenzene	11.499	105	249980	18.404	ug/L		99
99) p-Isopropyltoluene	11.664	119	219291	18.564	ug/L		98
100) 1,3-Dichlorobenzene	11.720	146	120626	19.191	ug/L		99
101) 1,4-Dichlorobenzene	11.817	146	121600	19.110	ug/L		99
102) p-Diethylbenzene	12.049	119	130648	18.595	ug/L		100
103) n-Butylbenzene	12.107	91	197421	18.559	ug/L		99
104) 1,2-Dichlorobenzene	12.250	146	113937	19.238	ug/L		100
105) 1,2,4,5-Tetramethylben...	12.860	119	214355	18.681	ug/L		98
106) 1,2-Dibromo-3-chloropr...	13.047	155	7737	18.889	ug/L		97
107) 1,3,5-Trichlorobenzene	13.081	180	92708	19.133	ug/L		100
108) Hexachlorobutadiene	13.669	225	43368	18.004	ug/L		99
109) 1,2,4-Trichlorobenzene	13.686	180	80414	18.600	ug/L		99
110) Naphthalene	13.979	128	157334	19.338	ug/L		100
111) 1,2,3-Trichlorobenzene	14.149	180	70450	18.837	ug/L		98

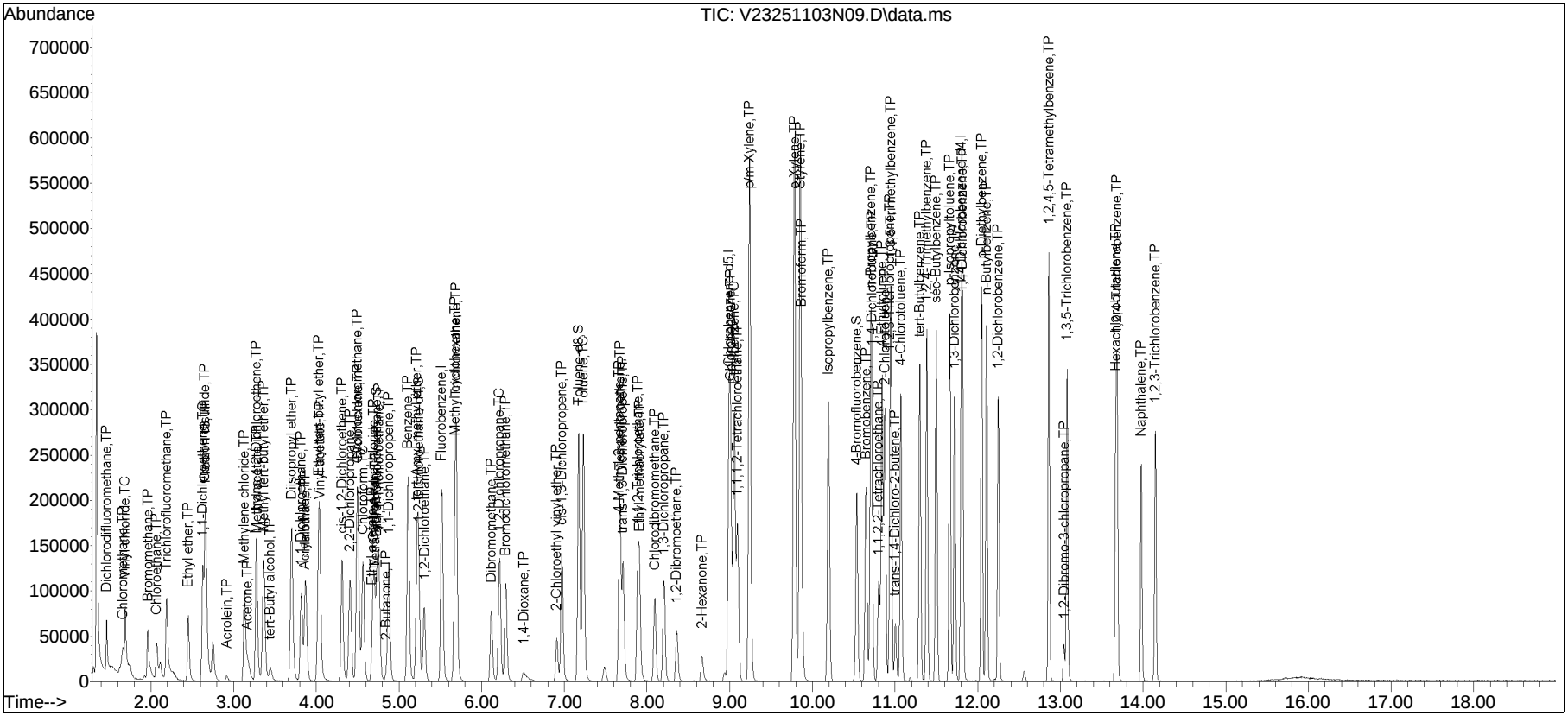
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N09.D
Acq On : 03 Nov 2025 10:27 pm
Operator : VOA123:AJK
Sample : I8260STD20PPB
Misc : WG2136903,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 04 12:27:42 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

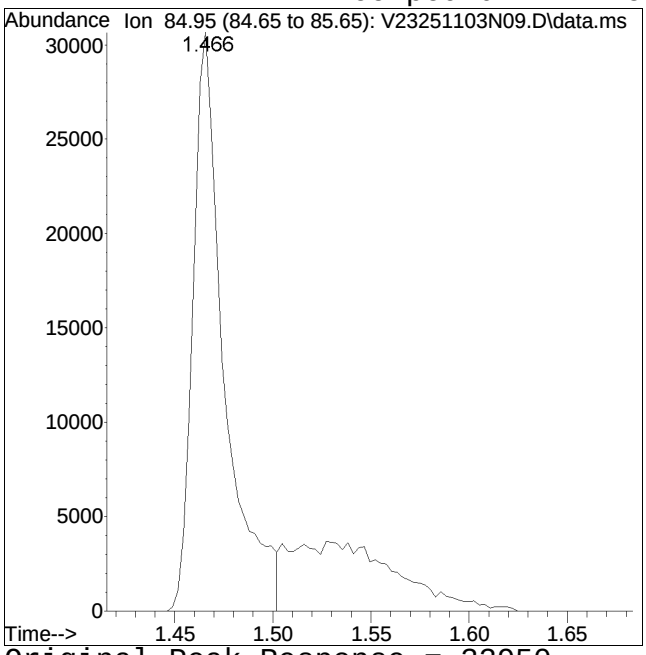
Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•



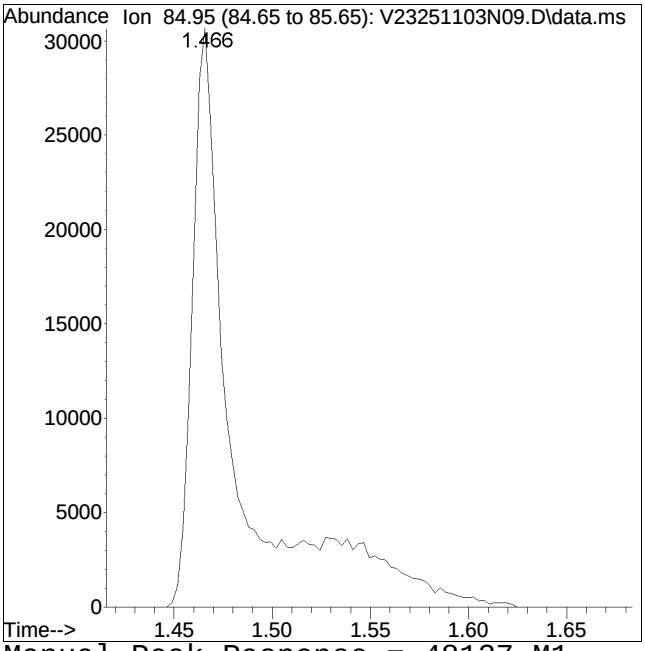
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N09.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:27 pm Instrument : VOA123
Sample : I8260STD20PPB Quant Date : 11/4/2025 12:14 pm

Compound #2: Dichlorodifluoromethane



Original Peak Response = 33950



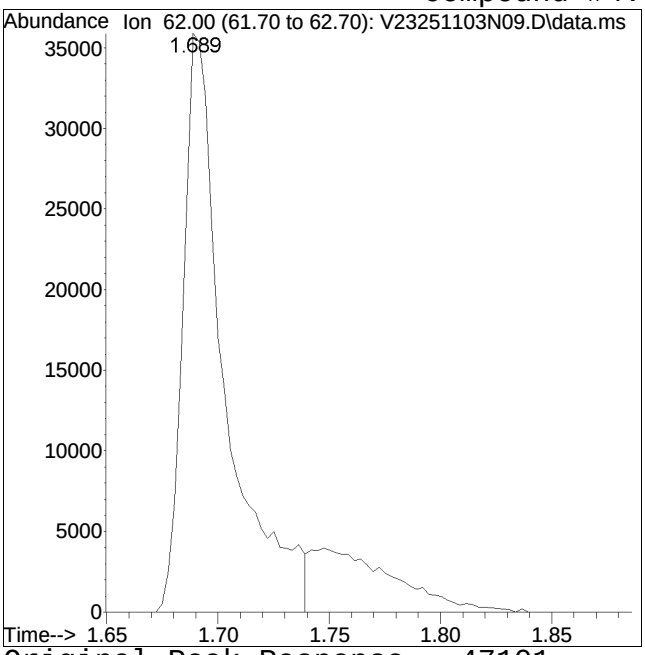
Manual Peak Response = 48127 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

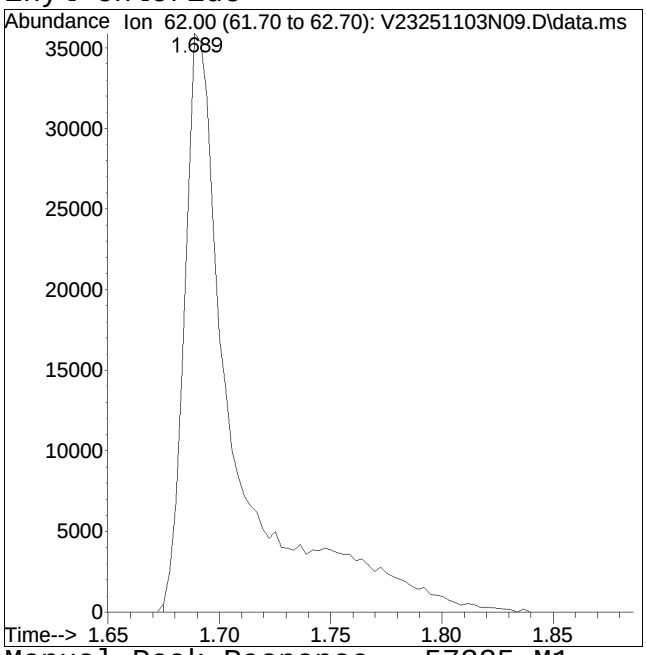
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N09.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:27 pm Instrument : VOA123
Sample : I8260STD20PPB Quant Date : 11/4/2025 12:14 pm

Compound #4: Vinyl chloride



Original Peak Response = 47101



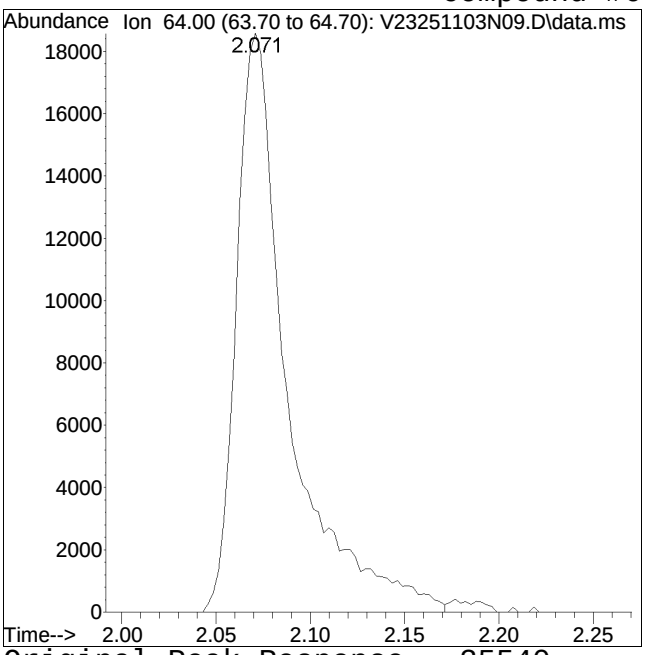
Manual Peak Response = 57335 M1

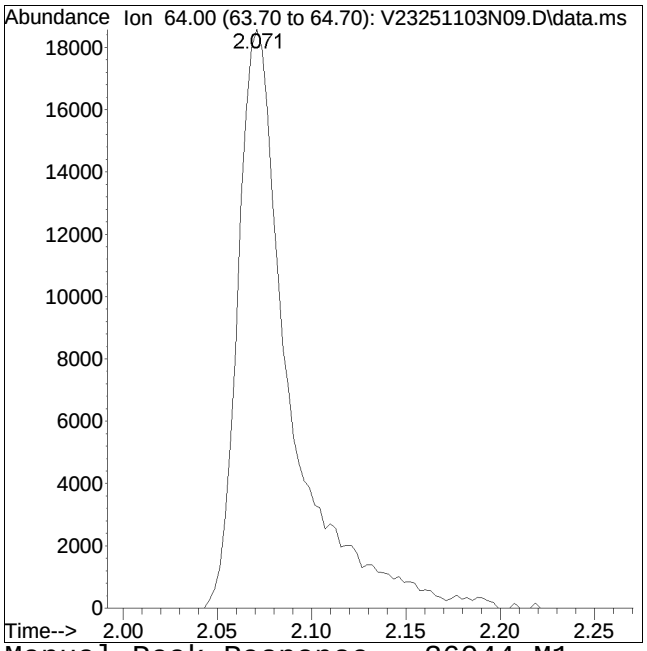
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N09.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:27 pm Instrument : VOA123
Sample : I8260STD20PPB Quant Date : 11/4/2025 12:14 pm

Compound #6: Chloroethane



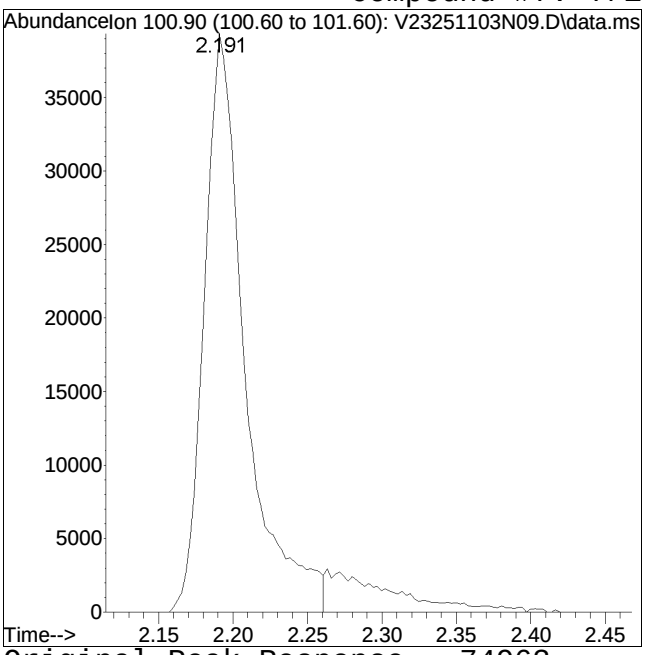


Original Peak Response = 35540 Manual Peak Response = 36044 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

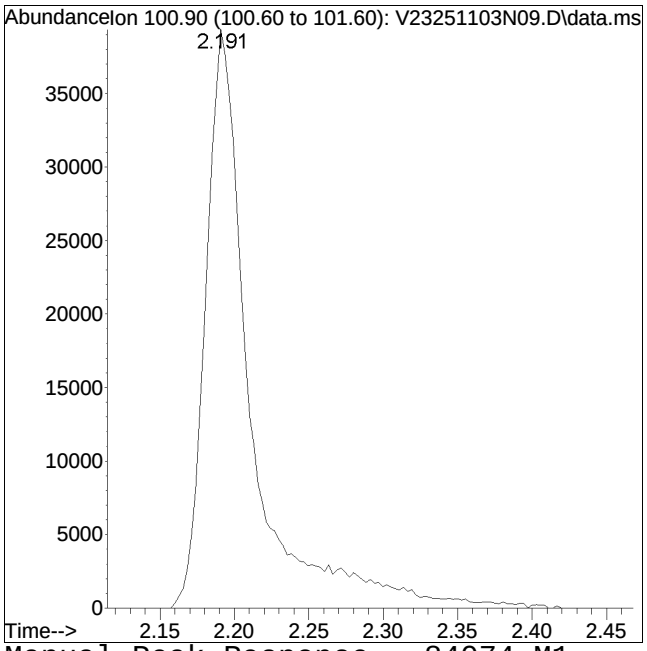
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N09.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:27 pm Instrument : VOA123
Sample : I8260STD20PPB Quant Date : 11/4/2025 12:14 pm

Compound #7: Trichlorofluoromethane



Original Peak Response = 74963



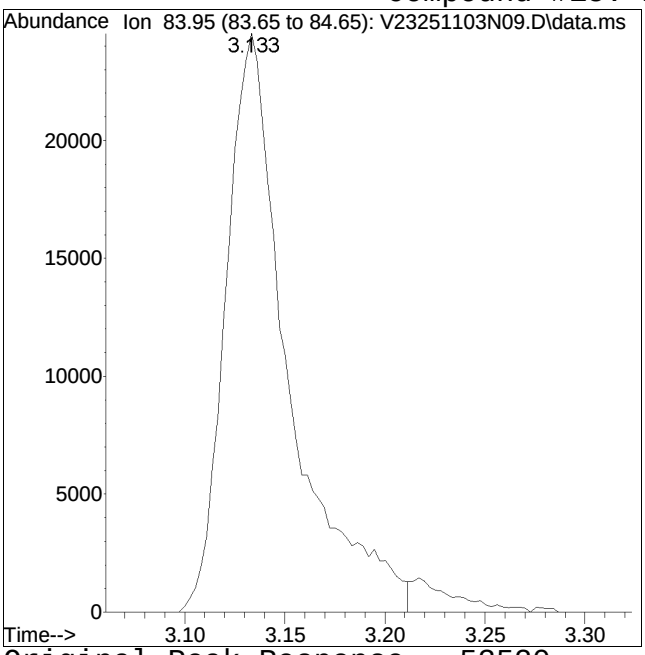
Manual Peak Response = 84074 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

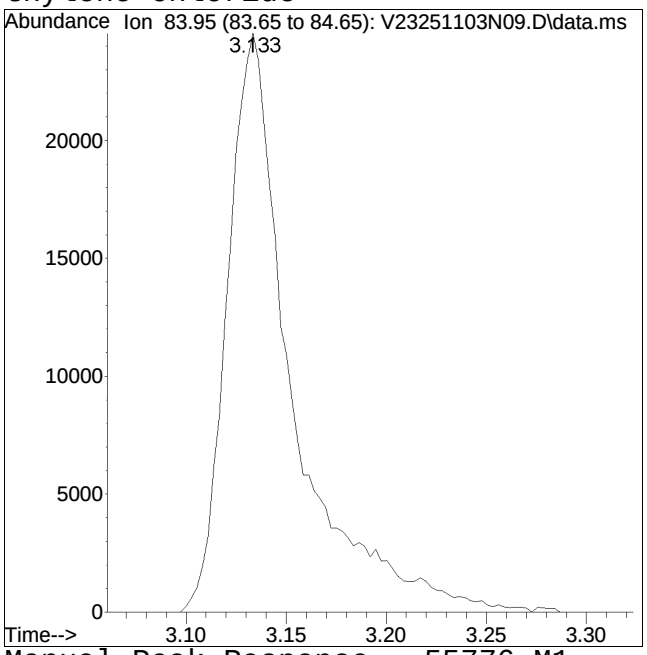
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N09.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:27 pm Instrument : VOA123
Sample : I8260STD20PPB Quant Date : 11/4/2025 12:14 pm

Compound #15: Methylene chloride



Original Peak Response = 53520



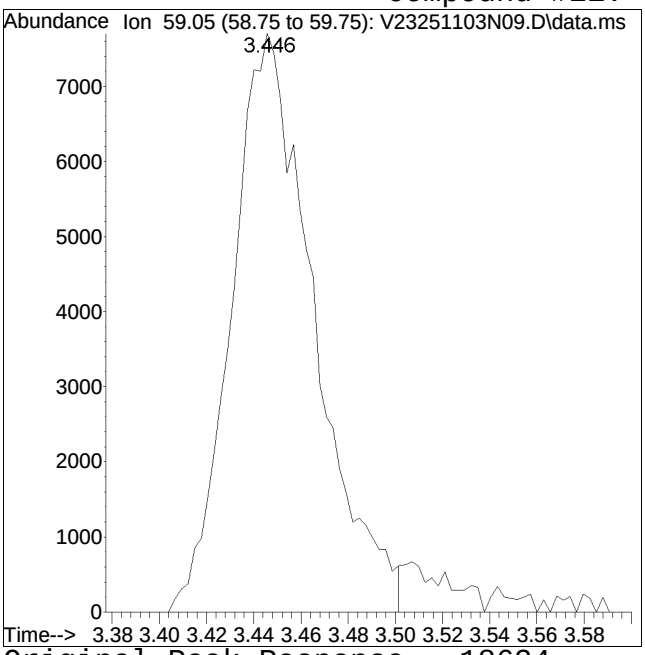
Manual Peak Response = 55776 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

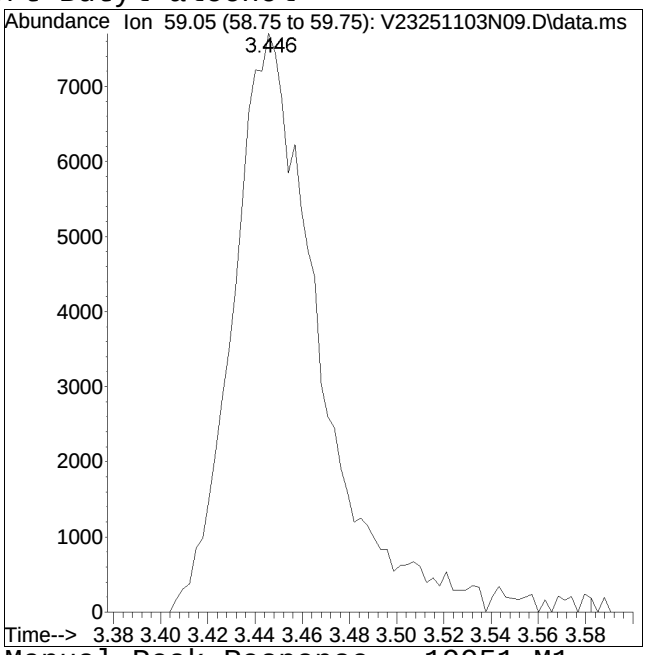
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N09.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:27 pm Instrument : VOA123
Sample : I8260STD20PPB Quant Date : 11/4/2025 12:14 pm

Compound #21: tert-Butyl alcohol



Original Peak Response = 18624



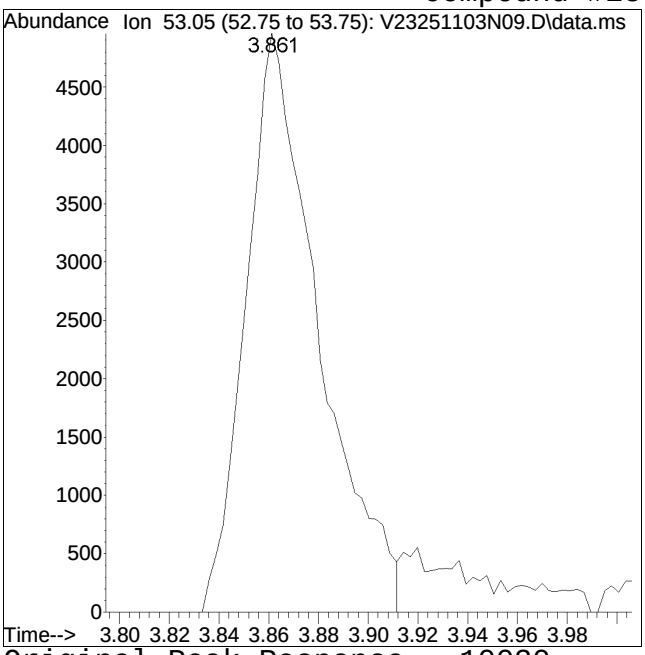
Manual Peak Response = 19951 M1

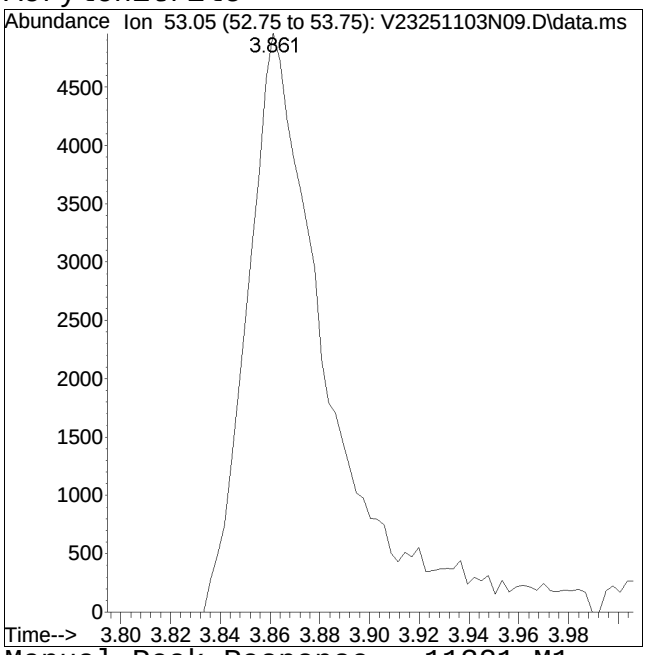
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N09.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:27 pm Instrument : VOA123
Sample : I8260STD20PPB Quant Date : 11/4/2025 12:14 pm

Compound #25: Acrylonitrile



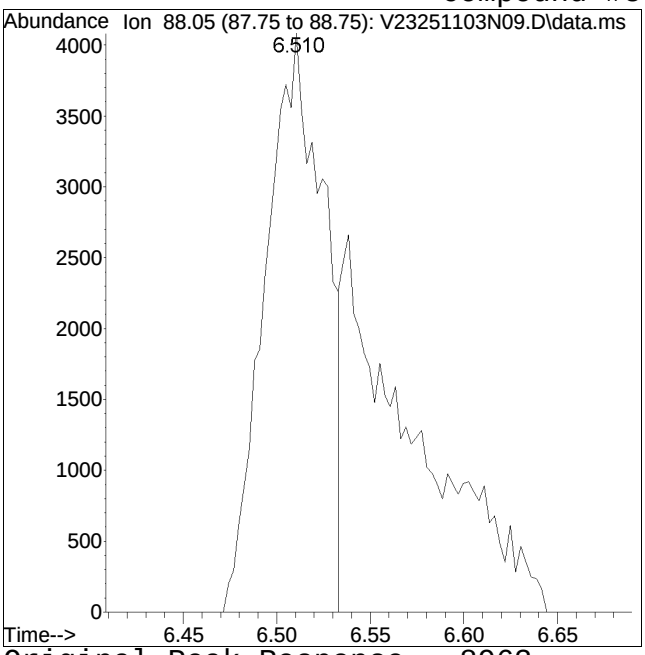


Original Peak Response = 10030 Manual Peak Response = 11321 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

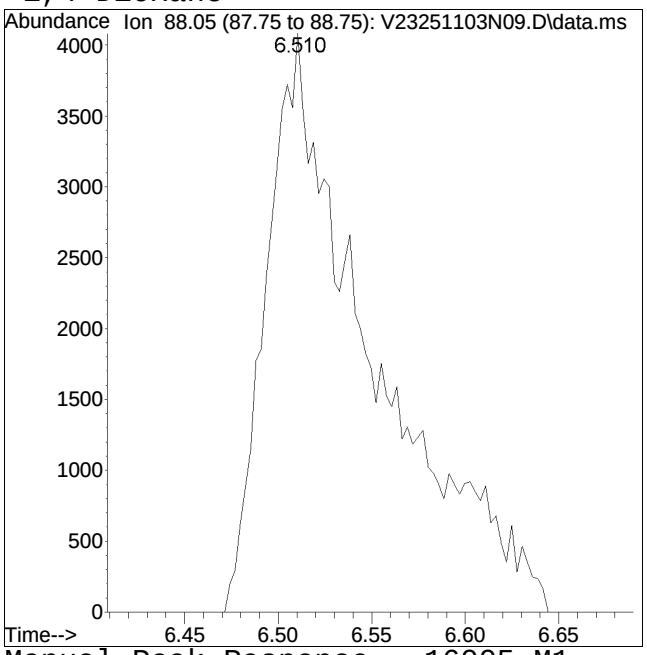
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N09.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:27 pm Instrument : VOA123
Sample : I8260STD20PPB Quant Date : 11/4/2025 12:14 pm

Compound #57: 1,4-Dioxane



Original Peak Response = 8963



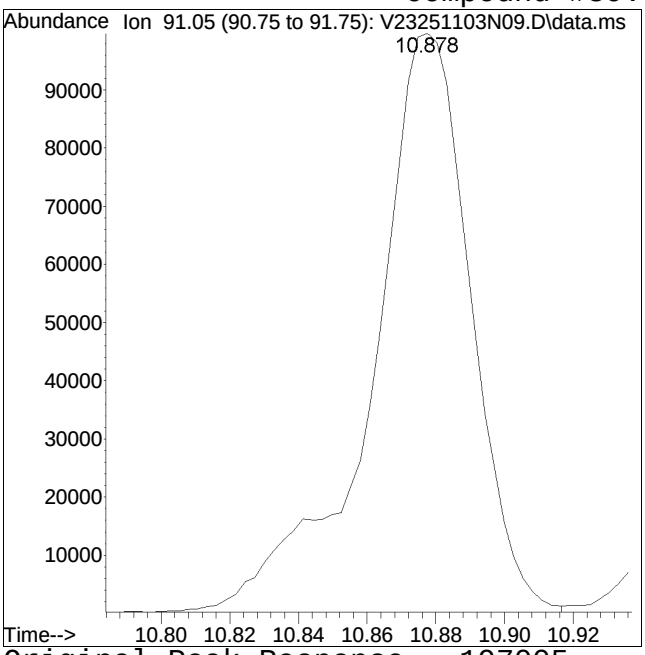
Manual Peak Response = 16005 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

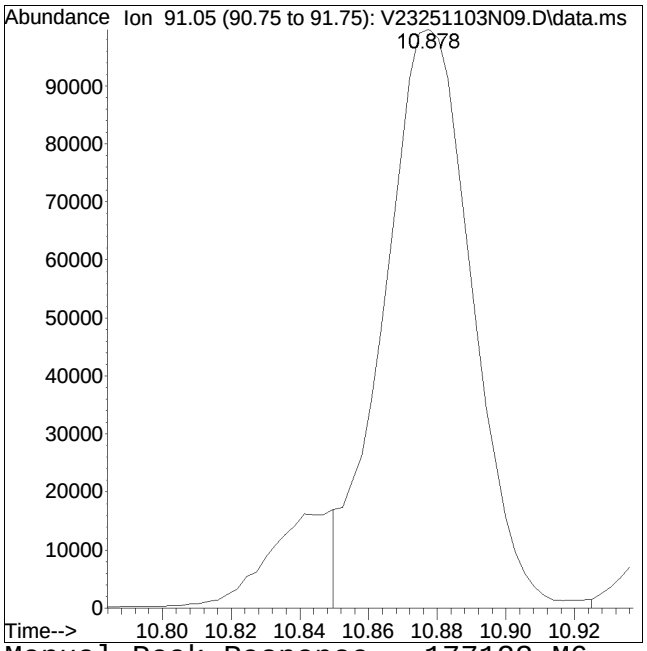
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N09.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:27 pm Instrument : VOA123
Sample : I8260STD20PPB Quant Date : 11/4/2025 12:14 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 197005



Manual Peak Response = 177123 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N10.D
Acq On : 03 Nov 2025 10:53 pm
Operator : VOA123:AJK
Sample : I8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 04 12:09:05 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Apr 21 07:32:25 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.520	96	201320	20.000	ug/L	0.00
Standard Area 1 = 201320			Recovery = 100.00%			
59) Chlorobenzene-d5	8.990	117	146207	20.000	ug/L	0.00
Standard Area 1 = 146207			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	11.801	152	79326	20.000	ug/L	0.00
Standard Area 1 = 79326			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.734	113	51424	19.715	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.58%			
43) 1,2-Dichloroethane-d4	5.239	65	51578	19.250	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.25%			
60) Toluene-d8	7.177	98	197141	19.633	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.16%			
83) 4-Bromofluorobenzene	10.534	95	71155	18.882	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.41%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.466	85	91068M1	27.258	ug/L	
3) Chloromethane	1.661	50	98685	33.192	ug/L	99
4) Vinyl chloride	1.692	62	109511	32.859	ug/L	89
5) Bromomethane	1.962	94	66174	29.509	ug/L	99
6) Chloroethane	2.071	64	73206M1	36.357	ug/L	
7) Trichlorofluoromethane	2.191	101	162035	39.001	ug/L	99
8) Ethyl ether	2.456	74	54940	37.305	ug/L	91
10) 1,1-Dichloroethene	2.629	96	85709	36.460	ug/L	94
11) Carbon disulfide	2.654	76	296033	32.285	ug/L	98
12) Freon-113	2.665	101	87345	34.950	ug/L	98
14) Acrolein	2.916	56	10546	34.487	ug/L	94
15) Methylene chloride	3.133	84	108873	33.821	ug/L	93
17) Acetone	3.172	43	26441	43.759	ug/L	91
18) trans-1,2-Dichloroethene	3.276	96	102528	37.965	ug/L	96
19) Methyl acetate	3.281	43	43550	37.003	ug/L #	91
20) Methyl tert-butyl ether	3.365	73	287477	37.550	ug/L	95
21) tert-Butyl alcohol	3.451	59	41528M1	177.933	ug/L	
22) Diisopropyl ether	3.705	45	310599	36.161	ug/L	95
23) 1,1-Dichloroethane	3.822	63	187309	36.963	ug/L	99
24) Halothane	3.869	117	75166	39.130	ug/L	100
25) Acrylonitrile	3.861	53	22136	37.789	ug/L #	88

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N10.D
Acq On : 03 Nov 2025 10:53 pm
Operator : VOA123:AJK
Sample : I8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 04 12:09:05 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Apr 21 07:32:25 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.031	59	315015	36.515	ug/L		94
27) Vinyl acetate	4.042	43	217645	53.841	ug/L		95
28) cis-1,2-Dichloroethene	4.313	96	116981	39.516	ug/L		96
29) 2,2-Dichloropropane	4.408	77	153067	35.522	ug/L		91
30) Bromochloromethane	4.494	128	53182	41.023	ug/L		97
31) Cyclohexane	4.503	56	153910	34.779	ug/L		96
32) Chloroform	4.567	83	197988	38.521	ug/L		97
33) Ethyl acetate	4.675	43	71818	39.824	ug/L		100
34) Carbon tetrachloride	4.695	117	147188	37.356	ug/L		99
35) Tetrahydrofuran	4.714	42	21916M6	36.146	ug/L		
37) 1,1,1-Trichloroethane	4.756	97	163387	37.759	ug/L		99
39) 2-Butanone	4.848	43	28337	40.240	ug/L	#	74
40) 1,1-Dichloropropene	4.876	75	125983	37.692	ug/L		100
41) Benzene	5.110	78	397991	39.164	ug/L		97
42) tert-Amyl methyl ether	5.225	73	282094	37.801	ug/L		96
44) 1,2-Dichloroethane	5.306	62	141098	37.692	ug/L		99
47) Methyl cyclohexane	5.682	83	168483	37.143	ug/L		93
48) Trichloroethene	5.693	95	109537	38.597	ug/L		99
50) Dibromomethane	6.117	93	64012	40.487	ug/L		99
51) 1,2-Dichloropropane	6.218	63	106927	39.191	ug/L		99
53) 2-Chloroethyl vinyl ether	6.909	63	47902	35.127	ug/L		95
54) Bromodichloromethane	6.293	83	155266	39.157	ug/L		99
57) 1,4-Dioxane	6.502	88	32757M1	1843.302	ug/L		
58) cis-1,3-Dichloropropene	6.973	75	175779	41.331	ug/L	#	91
61) Toluene	7.233	92	256496	37.864	ug/L		100
62) 4-Methyl-2-pentanone	7.662	58	29021	39.512	ug/L		88
63) Tetrachloroethene	7.673	166	114935	40.561	ug/L		98
65) trans-1,3-Dichloropropene	7.710	75	152454	39.665	ug/L		99
67) Ethyl methacrylate	7.910	69	114677	41.681	ug/L		93
68) 1,1,2-Trichloroethane	7.891	83	73858	38.775	ug/L		99
69) Chlorodibromomethane	8.094	129	112705	39.958	ug/L		97
70) 1,3-Dichloropropane	8.209	76	147245	38.951	ug/L		99
71) 1,2-Dibromoethane	8.362	107	88012	43.096	ug/L		99
72) 2-Hexanone	8.663	43	46717	37.918	ug/L		93
73) Chlorobenzene	9.009	112	299839	39.958	ug/L	#	88
74) Ethylbenzene	9.054	91	500984	38.799	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.095	131	113531	40.230	ug/L		99
76) p/m Xylene	9.241	106	390673	81.875	ug/L		98
77) o Xylene	9.784	106	390941	81.669	ug/L		98
78) Styrene	9.854	104	668169	86.006	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N10.D
Acq On : 03 Nov 2025 10:53 pm
Operator : VOA123:AJK
Sample : I8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 04 12:09:05 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Apr 21 07:32:25 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	9.868	173	71971	39.134	ug/L	99
82) Isopropylbenzene	10.197	105	498591	38.862	ug/L	100
84) Bromobenzene	10.646	156	133724	40.212	ug/L	100
85) n-Propylbenzene	10.710	91	593758	38.449	ug/L	99
86) 1,4-Dichlorobutane	10.721	55	147820	36.642	ug/L	95
87) 1,1,2,2-Tetrachloroethane	10.802	83	109781	37.911	ug/L	100
88) 4-Ethyltoluene	10.841	105	498196	39.293	ug/L	100
89) 2-Chlorotoluene	10.877	91	365268M6	37.722	ug/L	
90) 1,3,5-Trimethylbenzene	10.947	105	437641	38.836	ug/L	99
91) 1,2,3-Trichloropropane	10.942	75	84369	36.972	ug/L	99
92) trans-1,4-Dichloro-2-b...	11.006	53	29994	36.931	ug/L	83
93) 4-Chlorotoluene	11.070	91	376472	38.564	ug/L	99
94) tert-Butylbenzene	11.299	119	368976	39.251	ug/L	98
97) 1,2,4-Trimethylbenzene	11.385	105	435971	39.460	ug/L	100
98) sec-Butylbenzene	11.499	105	551965	38.974	ug/L	100
99) p-Isopropyltoluene	11.661	119	480031	39.879	ug/L	98
100) 1,3-Dichlorobenzene	11.722	146	255434	41.390	ug/L	100
101) 1,4-Dichlorobenzene	11.817	146	258591	40.350	ug/L	100
102) p-Diethylbenzene	12.049	119	285518	40.298	ug/L	100
103) n-Butylbenzene	12.107	91	432273	40.121	ug/L	98
104) 1,2-Dichlorobenzene	12.249	146	240679	40.658	ug/L	100
105) 1,2,4,5-Tetramethylben...	12.860	119	466309	40.089	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.044	155	16645	39.399	ug/L	97
107) 1,3,5-Trichlorobenzene	13.081	180	196909	41.476	ug/L	99
108) Hexachlorobutadiene	13.669	225	97889	40.899	ug/L	98
109) 1,2,4-Trichlorobenzene	13.686	180	175687	43.938	ug/L	100
110) Naphthalene	13.976	128	330621	36.938	ug/L	100
111) 1,2,3-Trichlorobenzene	14.149	180	151985	43.863	ug/L	99

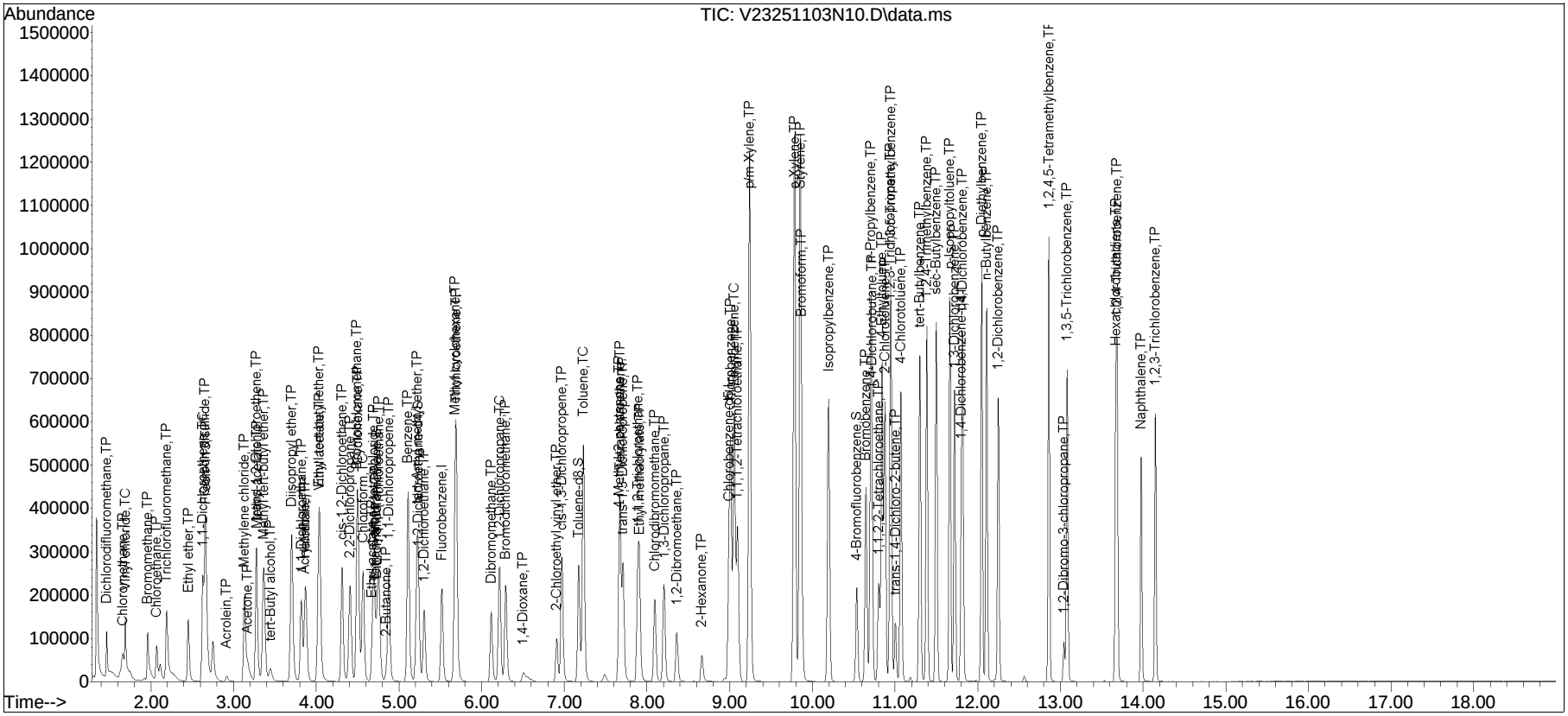
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N10.D
Acq On : 03 Nov 2025 10:53 pm
Operator : VOA123:AJK
Sample : I8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 04 12:09:05 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Apr 21 07:32:25 2025
Response via : Initial Calibration

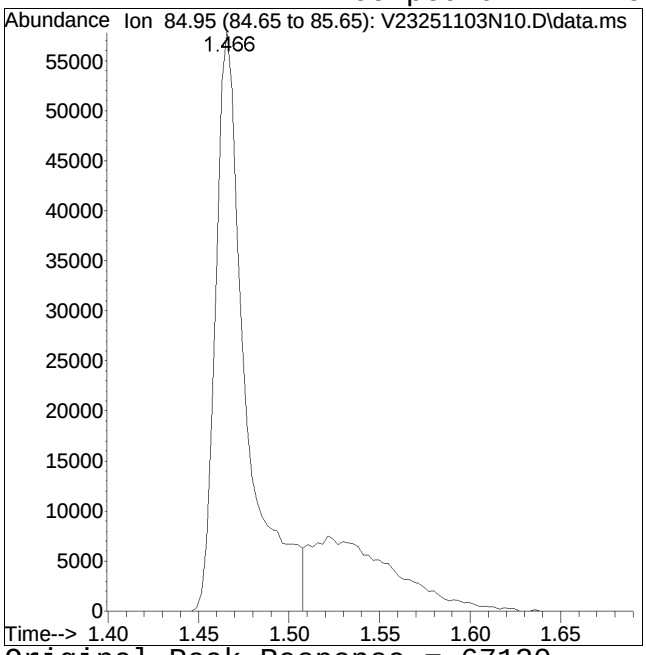
Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•

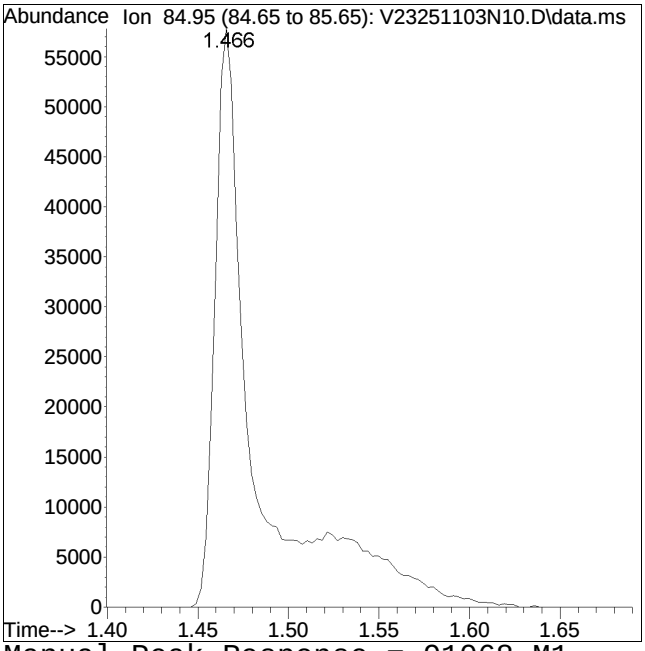


Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N10.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:53 pm Instrument : VOA123
Sample : I8260STD40PPB Quant Date : 11/4/2025 11:58 am

Compound #2: Dichlorodifluoromethane



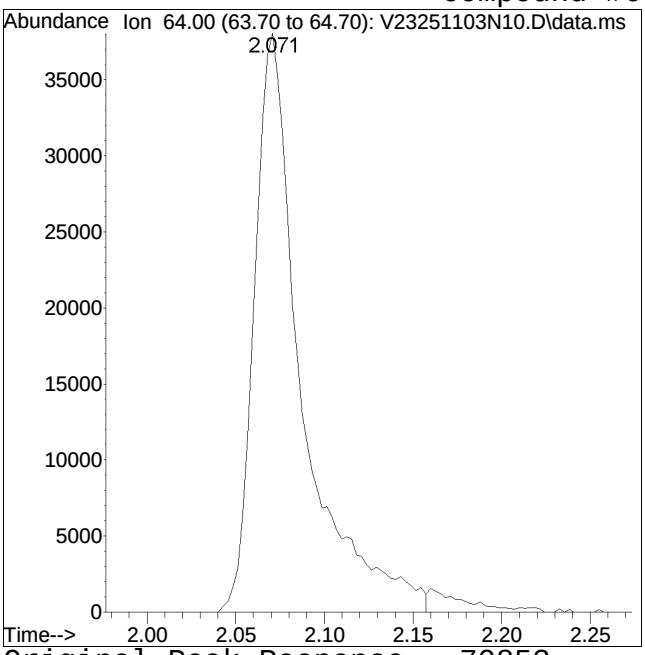


Original Peak Response = 67130 Manual Peak Response = 91068 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

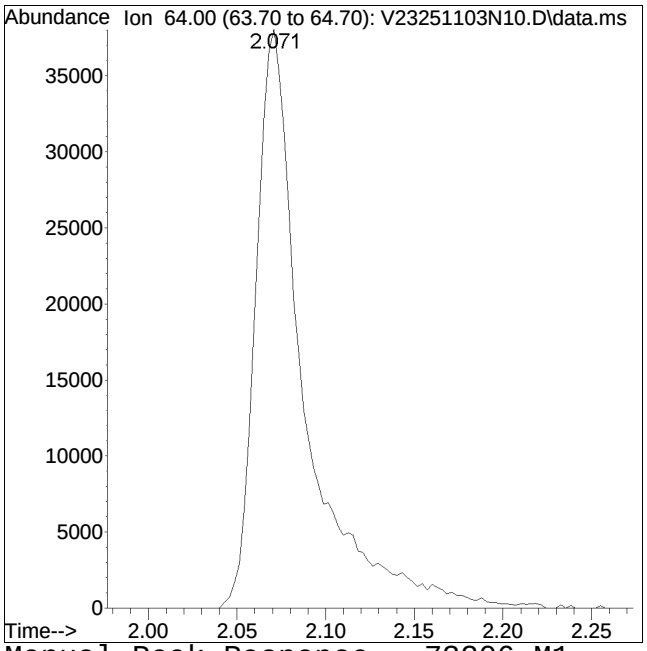
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N10.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:53 pm Instrument : VOA123
Sample : I8260STD40PPB Quant Date : 11/4/2025 11:58 am

Compound #6: Chloroethane



Original Peak Response = 70853



Manual Peak Response = 73206 M1

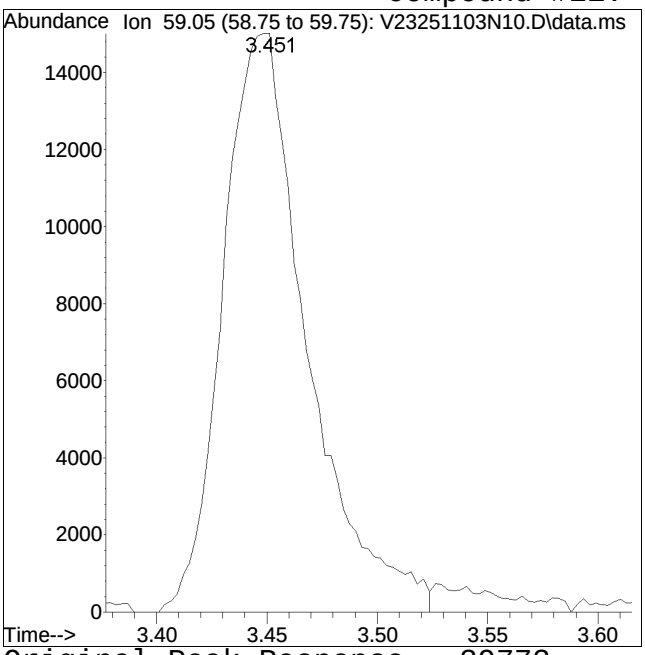
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

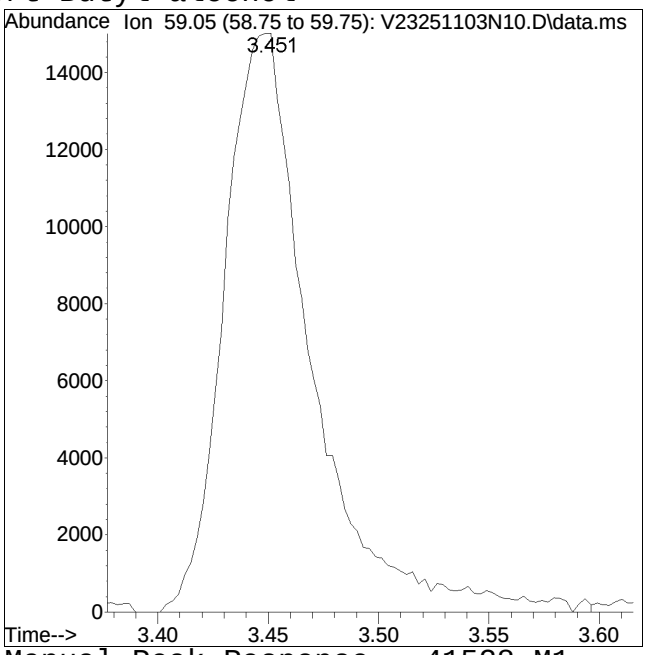
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N10.D
Date Inj'd : 11/3/2025 10:53 pm
Sample : I8260STD40PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 11:58 am

Compound #21: tert-Butyl alcohol





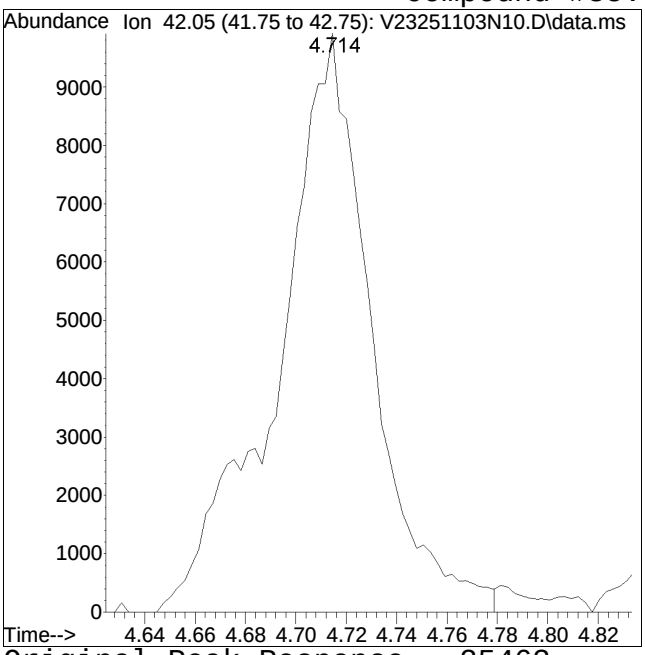
Original Peak Response = 39773 Manual Peak Response = 41528 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

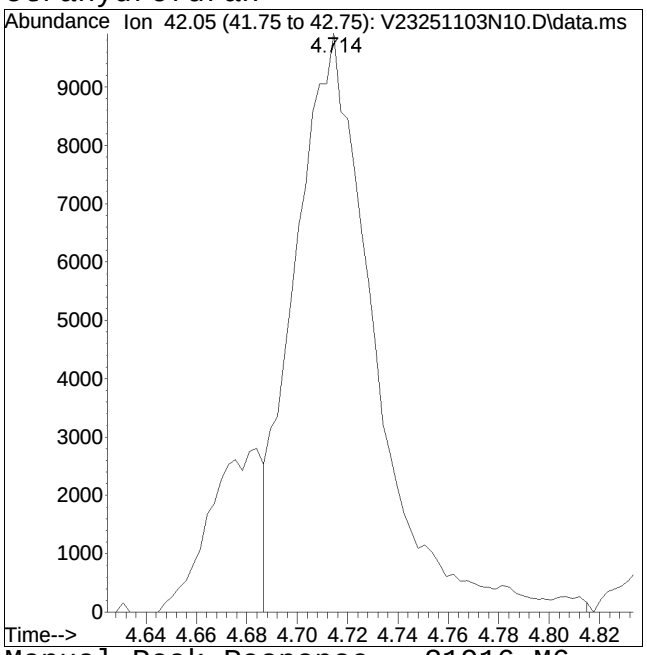
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N10.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:53 pm Instrument : VOA123
Sample : I8260STD40PPB Quant Date : 11/4/2025 11:58 am

Compound #35: Tetrahydrofuran



Original Peak Response = 25463



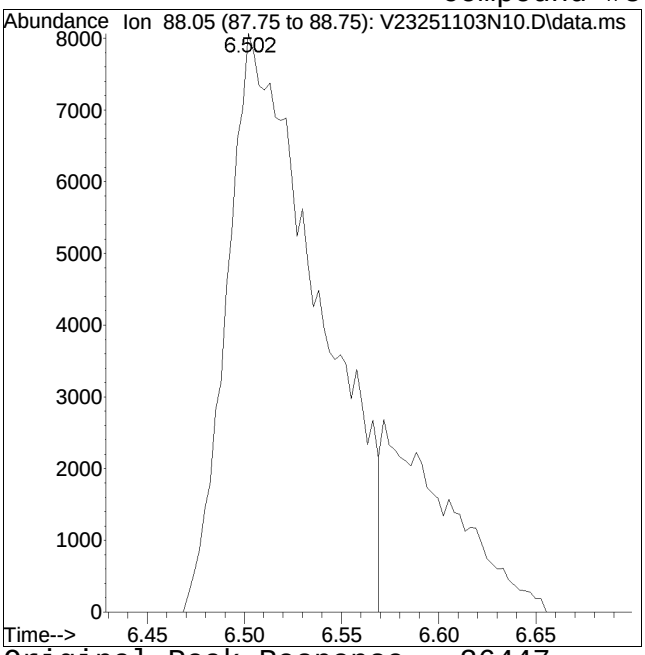
Manual Peak Response = 21916 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

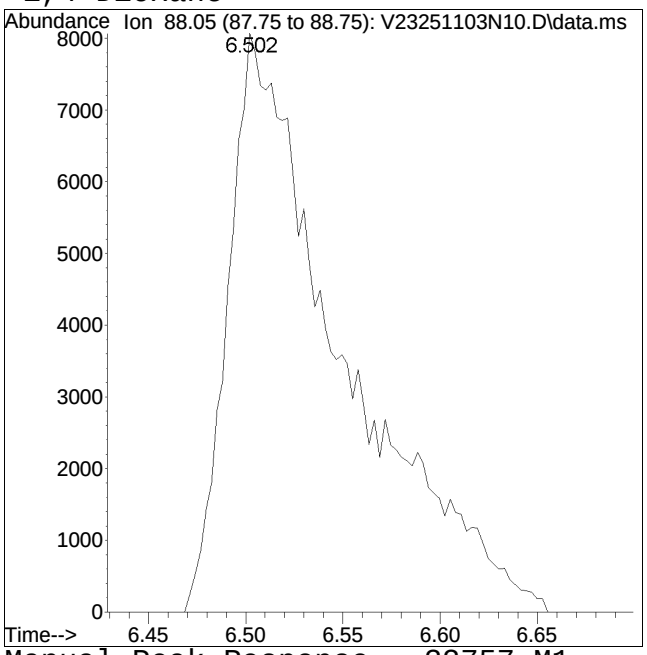
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N10.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:53 pm Instrument : VOA123
Sample : I8260STD40PPB Quant Date : 11/4/2025 11:58 am

Compound #57: 1,4-Dioxane



Original Peak Response = 26447



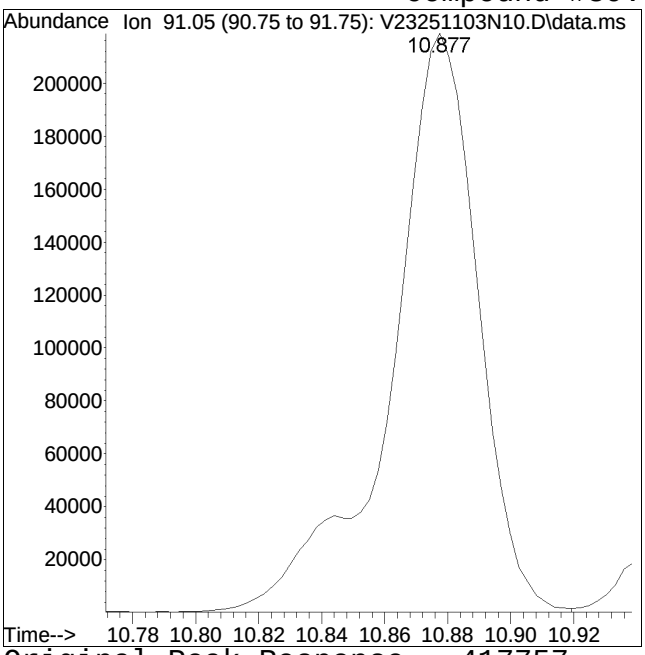
Manual Peak Response = 32757 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

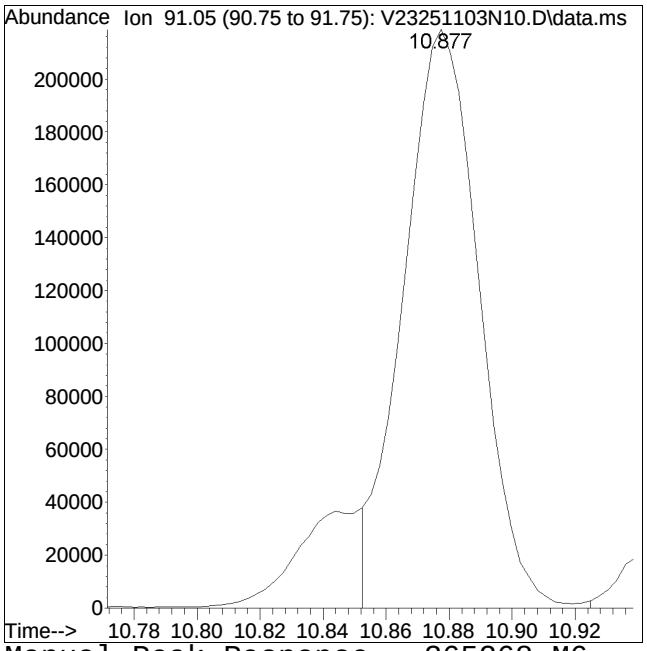
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N10.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 10:53 pm Instrument : VOA123
Sample : I8260STD40PPB Quant Date : 11/4/2025 11:58 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 417757



Manual Peak Response = 365268 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N11.D
Acq On : 03 Nov 2025 11:19 pm
Operator : VOA123:AJK
Sample : I8260STD100PPB
Misc : WG2136903,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 04 12:30:11 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.520	96	200870	20.000	ug/L	0.00
Standard Area 1 = 201320			Recovery = 99.78%			
59) Chlorobenzene-d5	8.990	117	144183	20.000	ug/L	0.00
Standard Area 1 = 146207			Recovery = 98.62%			
79) 1,4-Dichlorobenzene-d4	11.801	152	79377	20.000	ug/L	0.00
Standard Area 1 = 79326			Recovery = 100.06%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.734	113	51061	19.903	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.52%			
43) 1,2-Dichloroethane-d4	5.242	65	51317	19.943	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.72%			
60) Toluene-d8	7.174	98	192892	19.844	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.22%			
83) 4-Bromofluorobenzene	10.537	95	70717	19.864	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.466	85	243685M1	107.274	ug/L	
3) Chloromethane	1.661	50	254560	103.412	ug/L	98
4) Vinyl chloride	1.692	62	289502	105.980	ug/L	88
5) Bromomethane	1.962	94	184636	111.856	ug/L	100
6) Chloroethane	2.068	64	201619	110.412	ug/L	97
7) Trichlorofluoromethane	2.191	101	426682	105.567	ug/L	99
8) Ethyl ether	2.453	74	141035	102.913	ug/L	92
10) 1,1-Dichloroethene	2.629	96	227523	106.422	ug/L	93
11) Carbon disulfide	2.656	76	780277	105.667	ug/L	99
12) Freon-113	2.662	101	231590	106.295	ug/L	99
14) Acrolein	2.916	56	26323	100.064	ug/L	98
15) Methylene chloride	3.133	84	272523	100.349	ug/L	92
17) Acetone	3.167	43	61882	93.825	ug/L	92
18) trans-1,2-Dichloroethene	3.276	96	263157	102.897	ug/L	96
19) Methyl acetate	3.281	43	111347	102.500	ug/L #	90
20) Methyl tert-butyl ether	3.365	73	732162	102.102	ug/L	96
21) tert-Butyl alcohol	3.448	59	100622	485.684	ug/L	97
22) Diisopropyl ether	3.705	45	789268	101.872	ug/L	95
23) 1,1-Dichloroethane	3.819	63	480538	102.849	ug/L	100
24) Halothane	3.872	117	196416	104.758	ug/L	100
25) Acrylonitrile	3.858	53	58884	106.642	ug/L #	91

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N11.D
Acq On : 03 Nov 2025 11:19 pm
Operator : VOA123:AJK
Sample : I8260STD100PPB
Misc : WG2136903,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 04 12:30:11 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.031	59	811531	103.277	ug/L		93
27) Vinyl acetate	4.042	43	550112	101.329	ug/L		95
28) cis-1,2-Dichloroethene	4.310	96	295827	101.380	ug/L		96
29) 2,2-Dichloropropane	4.408	77	397025	103.984	ug/L		92
30) Bromochloromethane	4.494	128	132364	99.779	ug/L		97
31) Cyclohexane	4.503	56	400304	104.269	ug/L		96
32) Chloroform	4.567	83	497261	100.688	ug/L		96
33) Ethyl acetate	4.675	43	183921	102.667	ug/L		100
34) Carbon tetrachloride	4.698	117	389743	106.154	ug/L		99
35) Tetrahydrofuran	4.712	42	53807M6	98.426	ug/L		
37) 1,1,1-Trichloroethane	4.759	97	420679	103.220	ug/L		98
39) 2-Butanone	4.848	43	72251	102.217	ug/L	#	63
40) 1,1-Dichloropropene	4.879	75	325680	103.636	ug/L		99
41) Benzene	5.110	78	1006299	101.364	ug/L		97
42) tert-Amyl methyl ether	5.222	73	716550	101.832	ug/L		96
44) 1,2-Dichloroethane	5.306	62	354614	100.755	ug/L		98
47) Methyl cyclohexane	5.682	83	442735	105.346	ug/L		94
48) Trichloroethene	5.693	95	283029	103.586	ug/L		99
50) Dibromomethane	6.117	93	163883	102.637	ug/L		99
51) 1,2-Dichloropropane	6.218	63	267578	100.322	ug/L		99
53) 2-Chloroethyl vinyl ether	6.906	63	122016	102.116	ug/L		96
54) Bromodichloromethane	6.290	83	396361	102.340	ug/L		99
57) 1,4-Dioxane	6.508	88	83157M1	5088.579	ug/L		
58) cis-1,3-Dichloropropene	6.971	75	445566	101.619	ug/L	#	91
61) Toluene	7.233	92	652489	103.183	ug/L		100
62) 4-Methyl-2-pentanone	7.662	58	76367	106.735	ug/L		89
63) Tetrachloroethene	7.673	166	296948	104.795	ug/L		98
65) trans-1,3-Dichloropropene	7.710	75	392394	104.399	ug/L		98
67) Ethyl methacrylate	7.910	69	298060	105.424	ug/L		94
68) 1,1,2-Trichloroethane	7.888	83	184420	101.280	ug/L		99
69) Chlorodibromomethane	8.094	129	293549	105.646	ug/L		98
70) 1,3-Dichloropropane	8.206	76	370919	102.177	ug/L		99
71) 1,2-Dibromoethane	8.359	107	223379	102.947	ug/L		99
72) 2-Hexanone	8.663	43	124916	108.457	ug/L		93
73) Chlorobenzene	9.012	112	759061	102.684	ug/L	#	88
74) Ethylbenzene	9.056	91	1276210	103.327	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.095	131	290171	103.670	ug/L		99
76) p/m Xylene	9.243	106	1005010	208.690	ug/L		98
77) o Xylene	9.784	106	1001830	207.887	ug/L		98
78) Styrene	9.857	104	1749995	212.469	ug/L		98

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N11.D
Acq On : 03 Nov 2025 11:19 pm
Operator : VOA123:AJK
Sample : I8260STD100PPB
Misc : WG2136903,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 04 12:30:11 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	9.871	173	201080	111.684	ug/L	100
82) Isopropylbenzene	10.197	105	1292294	103.609	ug/L	100
84) Bromobenzene	10.649	156	339150	101.383	ug/L	100
85) n-Propylbenzene	10.707	91	1536591	103.450	ug/L	99
86) 1,4-Dichlorobutane	10.719	55	380109	102.791	ug/L	94
87) 1,1,2,2-Tetrachloroethane	10.802	83	277317	100.979	ug/L	99
88) 4-Ethyltoluene	10.844	105	1279395	102.656	ug/L	99
89) 2-Chlorotoluene	10.877	91	949043M6	103.862	ug/L	
90) 1,3,5-Trimethylbenzene	10.950	105	1124493	102.712	ug/L	99
91) 1,2,3-Trichloropropane	10.939	75	216682	102.665	ug/L	99
92) trans-1,4-Dichloro-2-b...	11.000	53	79206	105.561	ug/L	85
93) 4-Chlorotoluene	11.070	91	958304	101.754	ug/L	99
94) tert-Butylbenzene	11.299	119	945822	102.469	ug/L	98
97) 1,2,4-Trimethylbenzene	11.385	105	1112668	102.021	ug/L	100
98) sec-Butylbenzene	11.499	105	1434847	103.914	ug/L	100
99) p-Isopropyltoluene	11.664	119	1239670	103.233	ug/L	98
100) 1,3-Dichlorobenzene	11.720	146	655008	102.506	ug/L	100
101) 1,4-Dichlorobenzene	11.817	146	648489	100.247	ug/L	99
102) p-Diethylbenzene	12.049	119	731052	102.352	ug/L	100
103) n-Butylbenzene	12.107	91	1107979	102.460	ug/L	99
104) 1,2-Dichlorobenzene	12.249	146	611973	101.642	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.860	119	1169792	100.280	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.044	155	45389	109.005	ug/L	99
107) 1,3,5-Trichlorobenzene	13.083	180	495321	100.555	ug/L	100
108) Hexachlorobutadiene	13.669	225	249707	101.971	ug/L	99
109) 1,2,4-Trichlorobenzene	13.686	180	425612	96.840	ug/L	99
110) Naphthalene	13.976	128	809821	97.913	ug/L	100
111) 1,2,3-Trichlorobenzene	14.149	180	364902	95.975	ug/L	100

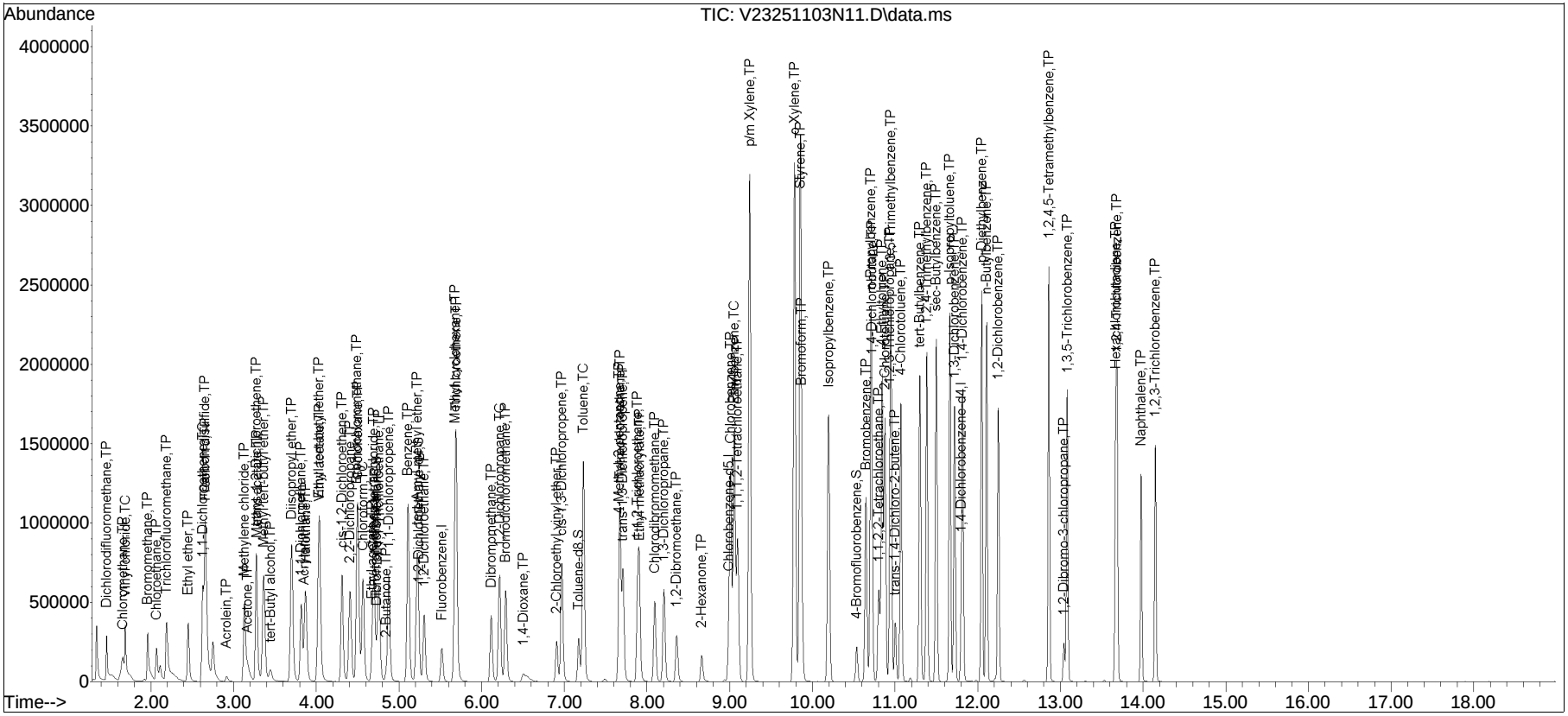
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N11.D
Acq On : 03 Nov 2025 11:19 pm
Operator : VOA123:AJK
Sample : I8260STD100PPB
Misc : WG2136903,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 04 12:30:11 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

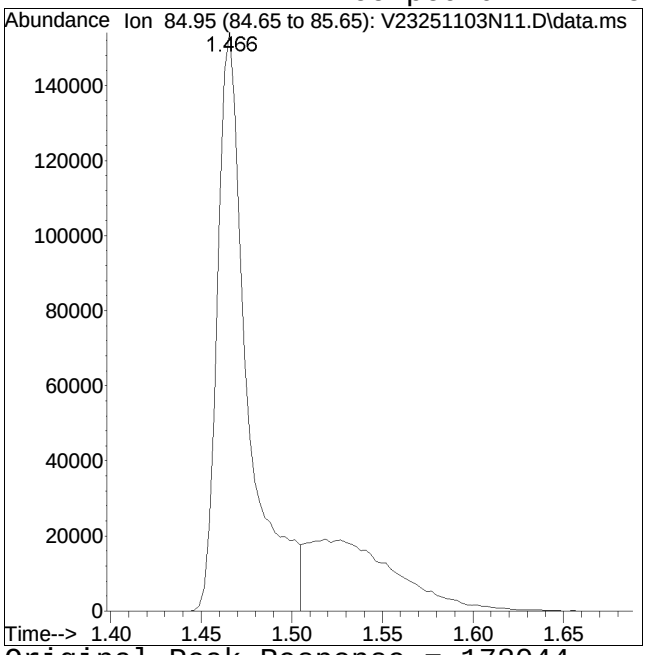
Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•

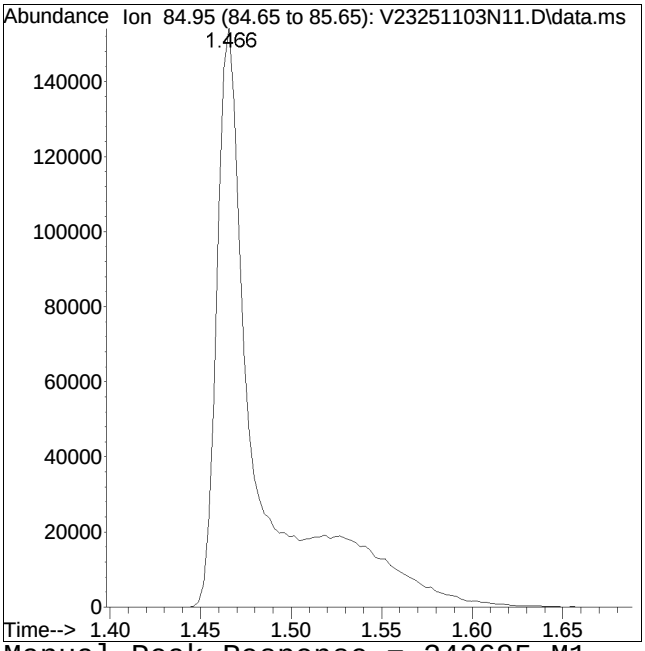


Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N11.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 11:19 pm Instrument : VOA123
Sample : I8260STD100PPB Quant Date : 11/4/2025 12:15 pm

Compound #2: Dichlorodifluoromethane



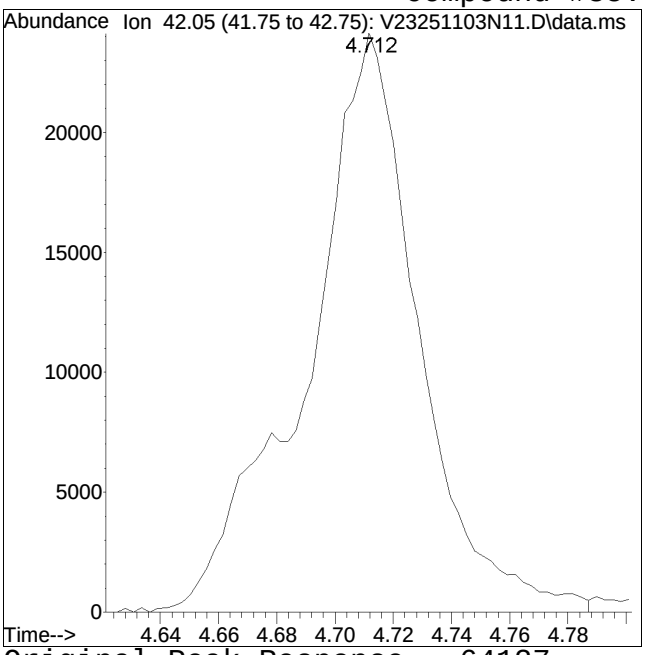


Original Peak Response = 178044 Manual Peak Response = 243685 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

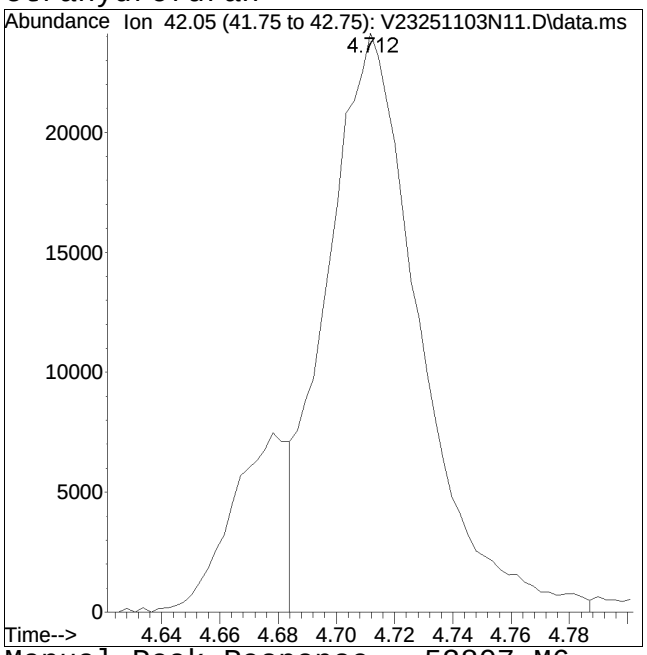
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N11.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 11:19 pm Instrument : VOA123
Sample : I8260STD100PPB Quant Date : 11/4/2025 12:15 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 64127



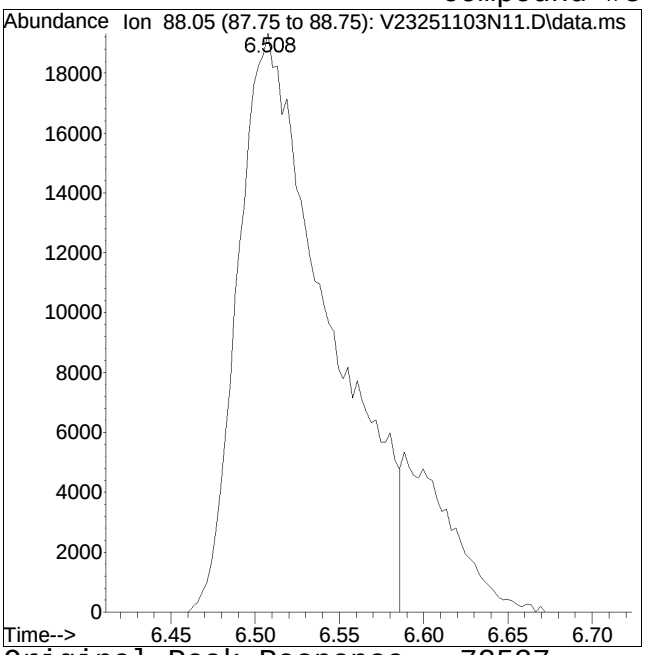
Manual Peak Response = 53807 M6

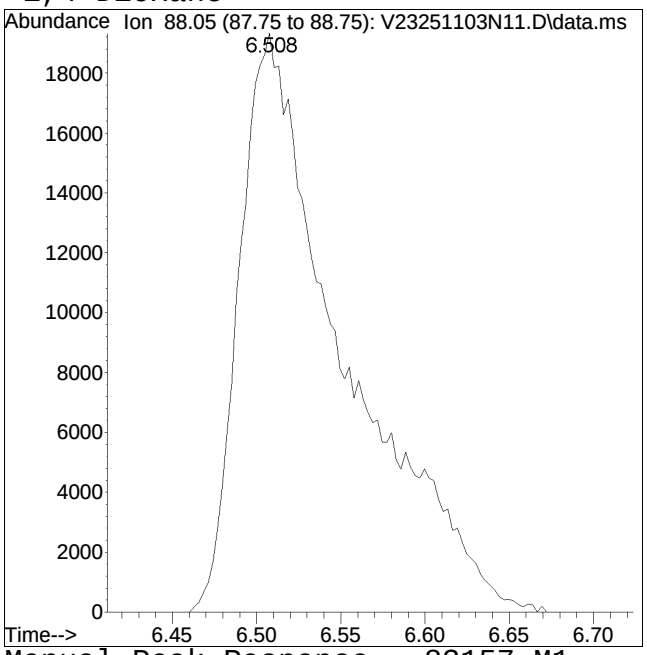
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N11.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 11:19 pm Instrument : VOA123
Sample : I8260STD100PPB Quant Date : 11/4/2025 12:15 pm

Compound #57: 1,4-Dioxane





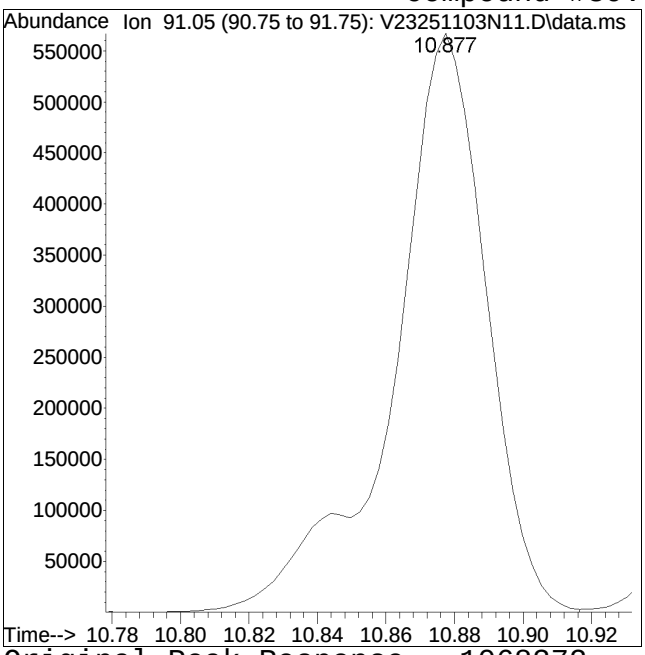
Original Peak Response = 72537 Manual Peak Response = 83157 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

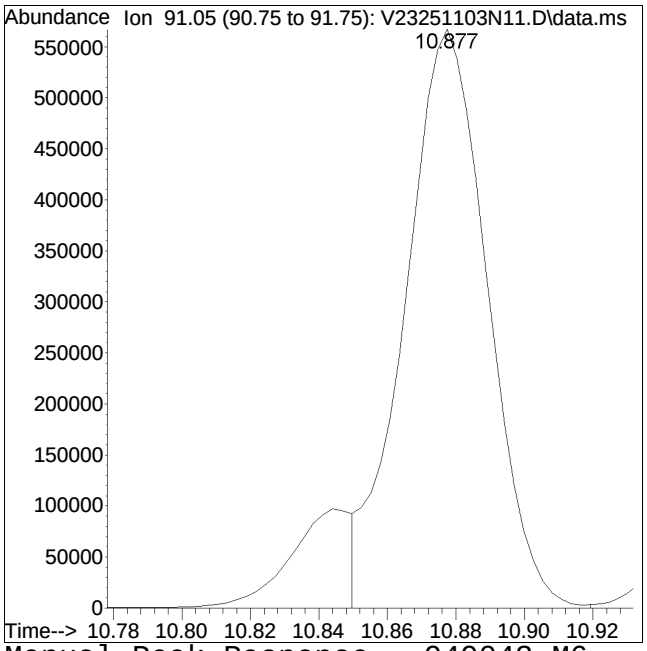
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N11.D
Date Inj'd : 11/3/2025 11:19 pm
Sample : I8260STD100PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:15 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 1068372



Manual Peak Response = 949043 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N12.D
Acq On : 03 Nov 2025 11:45 pm
Operator : VOA123:AJK
Sample : I8260STD200PPB
Misc : WG2136903,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 04 12:31:18 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.520	96	199708	20.000	ug/L	0.00
Standard Area 1 = 201320			Recovery = 99.20%			
59) Chlorobenzene-d5	8.989	117	146399	20.000	ug/L	0.00
Standard Area 1 = 146207			Recovery = 100.13%			
79) 1,4-Dichlorobenzene-d4	11.800	152	81102	20.000	ug/L	0.00
Standard Area 1 = 79326			Recovery = 102.24%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.731	113	51051	20.015	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.08%			
43) 1,2-Dichloroethane-d4	5.239	65	51965	20.313	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.57%			
60) Toluene-d8	7.177	98	195990	19.857	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.28%			
83) 4-Bromofluorobenzene	10.537	95	70580	19.404	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.02%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.466	85	462344M1	204.716	ug/L	
3) Chloromethane	1.661	50	496900	203.034	ug/L	98
4) Vinyl chloride	1.691	62	559256	205.923	ug/L	88
5) Bromomethane	1.962	94	393311	239.663	ug/L	100
6) Chloroethane	2.065	64	410097	225.887	ug/L	92
7) Trichlorofluoromethane	2.191	101	847664M1	210.944	ug/L	
8) Ethyl ether	2.453	74	278577	204.460	ug/L	92
10) 1,1-Dichloroethene	2.628	96	444319	209.035	ug/L	91
11) Carbon disulfide	2.654	76	1520748	207.142	ug/L	99
12) Freon-113	2.662	101	445990	205.892	ug/L	97
14) Acrolein	2.916	56	54123	206.941	ug/L	100
15) Methylene chloride	3.130	84	536018	198.523	ug/L	93
17) Acetone	3.169	43	115149	175.604	ug/L	91
18) trans-1,2-Dichloroethene	3.275	96	517294	203.445	ug/L	96
19) Methyl acetate	3.281	43	214012	198.153	ug/L #	90
20) Methyl tert-butyl ether	3.365	73	1444644	202.633	ug/L	96
21) tert-Butyl alcohol	3.446	59	205764M1	998.964	ug/L	
22) Diisopropyl ether	3.702	45	1566612	203.382	ug/L	96
23) 1,1-Dichloroethane	3.819	63	940686	202.506	ug/L	100
24) Halothane	3.872	117	386362	207.264	ug/L	99
25) Acrylonitrile	3.858	53	116965	213.063	ug/L #	90

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N12.D
Acq On : 03 Nov 2025 11:45 pm
Operator : VOA123:AJK
Sample : I8260STD200PPB
Misc : WG2136903,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 04 12:31:18 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.031	59	1619775	207.336	ug/L		93
27) Vinyl acetate	4.042	43	1103338	204.414	ug/L		96
28) cis-1,2-Dichloroethene	4.310	96	582176	200.674	ug/L		96
29) 2,2-Dichloropropane	4.408	77	770084	202.865	ug/L		92
30) Bromochloromethane	4.494	128	257552	195.277	ug/L		99
31) Cyclohexane	4.502	56	768966	201.461	ug/L		97
32) Chloroform	4.567	83	969807	197.514	ug/L		96
33) Ethyl acetate	4.675	43	355776	199.754	ug/L		100
34) Carbon tetrachloride	4.695	117	747070	204.663	ug/L		99
35) Tetrahydrofuran	4.709	42	105313M6	193.764	ug/L		
37) 1,1,1-Trichloroethane	4.759	97	813007	200.645	ug/L		98
39) 2-Butanone	4.845	43	138222	196.687	ug/L	#	78
40) 1,1-Dichloropropene	4.876	75	627318	200.783	ug/L		100
41) Benzene	5.110	78	1961273	198.708	ug/L		97
42) tert-Amyl methyl ether	5.222	73	1425752	203.799	ug/L		97
44) 1,2-Dichloroethane	5.306	62	697920	199.451	ug/L		98
47) Methyl cyclohexane	5.685	83	853534	204.275	ug/L		93
48) Trichloroethene	5.693	95	559532	205.975	ug/L		99
50) Dibromomethane	6.114	93	324317	204.296	ug/L		100
51) 1,2-Dichloropropane	6.217	63	532590	200.843	ug/L		99
53) 2-Chloroethyl vinyl ether	6.909	63	237623	200.026	ug/L		96
54) Bromodichloromethane	6.290	83	789619	205.066	ug/L		99
57) 1,4-Dioxane	6.510	88	156484	9631.352	ug/L		96
58) cis-1,3-Dichloropropene	6.973	75	892210	204.669	ug/L	#	91
61) Toluene	7.233	92	1296744	201.959	ug/L		100
62) 4-Methyl-2-pentanone	7.665	58	150378	206.996	ug/L		90
63) Tetrachloroethene	7.673	166	581434	202.087	ug/L		97
65) trans-1,3-Dichloropropene	7.709	75	783040	205.180	ug/L		98
67) Ethyl methacrylate	7.910	69	591792	206.150	ug/L		93
68) 1,1,2-Trichloroethane	7.888	83	369385	199.789	ug/L		99
69) Chlorodibromomethane	8.094	129	591897	209.794	ug/L		98
70) 1,3-Dichloropropane	8.206	76	730107	198.078	ug/L		100
71) 1,2-Dibromoethane	8.359	107	444371	201.694	ug/L		99
72) 2-Hexanone	8.663	43	245739	210.131	ug/L		94
73) Chlorobenzene	9.012	112	1526570	203.385	ug/L	#	87
74) Ethylbenzene	9.056	91	2550267	203.354	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.095	131	588661	207.129	ug/L		99
76) p/m Xylene	9.243	106	2017346	412.560	ug/L		99
77) o Xylene	9.787	106	2036509	416.193	ug/L		99
78) Styrene	9.857	104	3545765	423.978	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N12.D
Acq On : 03 Nov 2025 11:45 pm
Operator : VOA123:AJK
Sample : I8260STD200PPB
Misc : WG2136903,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 04 12:31:18 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	9.871	173	412010	223.972	ug/L	100
82) Isopropylbenzene	10.197	105	2557289	200.669	ug/L	100
84) Bromobenzene	10.649	156	687588	201.170	ug/L	100
85) n-Propylbenzene	10.710	91	3029825	199.642	ug/L	99
86) 1,4-Dichlorobutane	10.718	55	766743	202.937	ug/L	95
87) 1,1,2,2-Tetrachloroethane	10.805	83	552203	196.796	ug/L	100
88) 4-Ethyltoluene	10.847	105	2532169	198.855	ug/L	100
89) 2-Chlorotoluene	10.880	91	1862393M6	199.482	ug/L	
90) 1,3,5-Trimethylbenzene	10.953	105	2232933	199.619	ug/L	98
91) 1,2,3-Trichloropropane	10.942	75	427101	198.058	ug/L	98
92) trans-1,4-Dichloro-2-b...	11.006	53	156048	203.548	ug/L	88
93) 4-Chlorotoluene	11.073	91	1910988	198.595	ug/L	99
94) tert-Butylbenzene	11.301	119	1861977	197.433	ug/L	97
97) 1,2,4-Trimethylbenzene	11.385	105	2245861	201.544	ug/L	99
98) sec-Butylbenzene	11.499	105	2808272	199.054	ug/L	99
99) p-Isopropyltoluene	11.664	119	2454101	200.017	ug/L	99
100) 1,3-Dichlorobenzene	11.722	146	1320107	202.197	ug/L	100
101) 1,4-Dichlorobenzene	11.820	146	1313038	198.659	ug/L	99
102) p-Diethylbenzene	12.051	119	1476499	202.322	ug/L	100
103) n-Butylbenzene	12.107	91	2201847	199.284	ug/L	99
104) 1,2-Dichlorobenzene	12.249	146	1226996	199.457	ug/L	100
105) 1,2,4,5-Tetramethylben...	12.863	119	2403652	201.670	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.044	155	90619	213.000	ug/L	99
107) 1,3,5-Trichlorobenzene	13.083	180	998537	198.400	ug/L	100
108) Hexachlorobutadiene	13.669	225	495944	198.218	ug/L	99
109) 1,2,4-Trichlorobenzene	13.686	180	862275	192.022	ug/L	99
110) Naphthalene	13.978	128	1587112	187.811	ug/L	100
111) 1,2,3-Trichlorobenzene	14.148	180	716571	184.460	ug/L	99

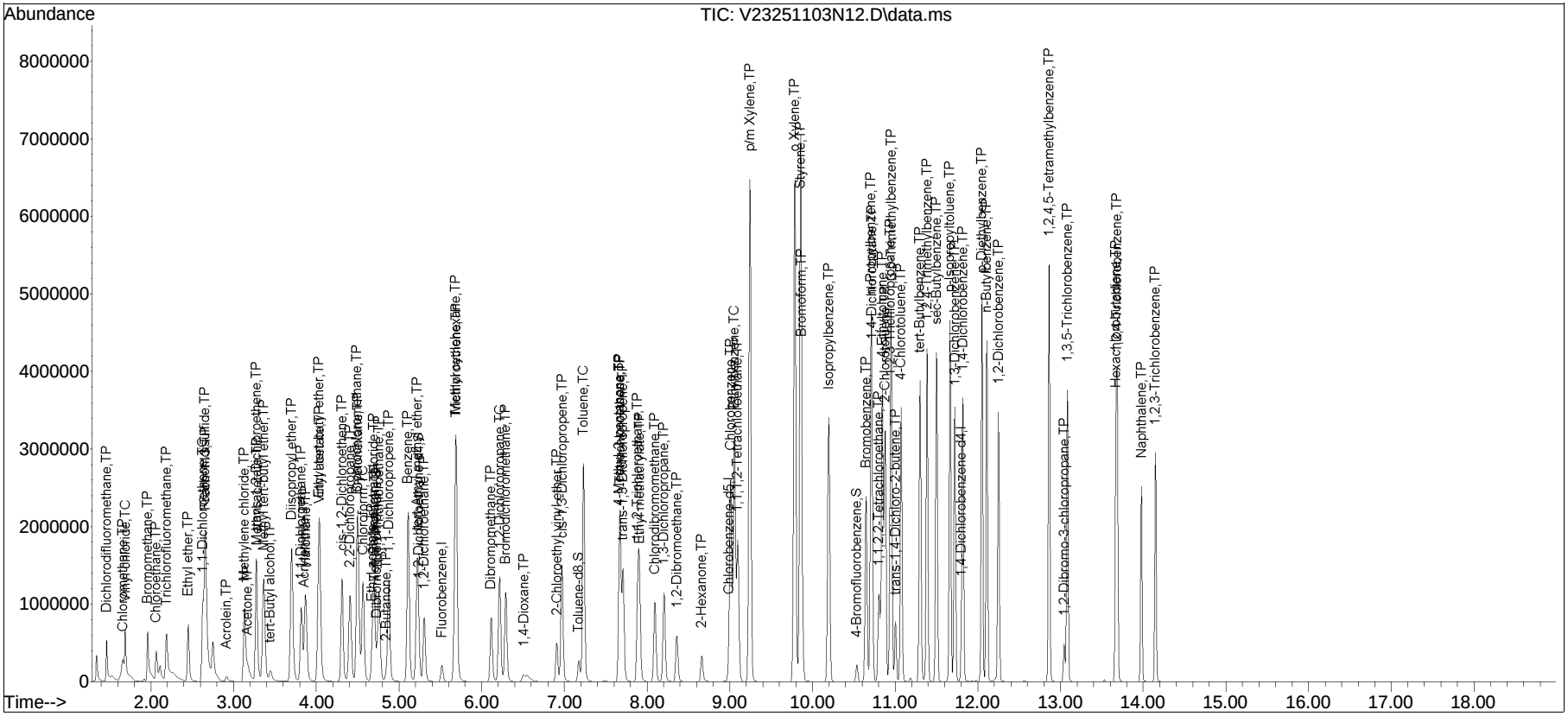
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N12.D
Acq On : 03 Nov 2025 11:45 pm
Operator : VOA123:AJK
Sample : I8260STD200PPB
Misc : WG2136903,ICAL
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 04 12:31:18 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

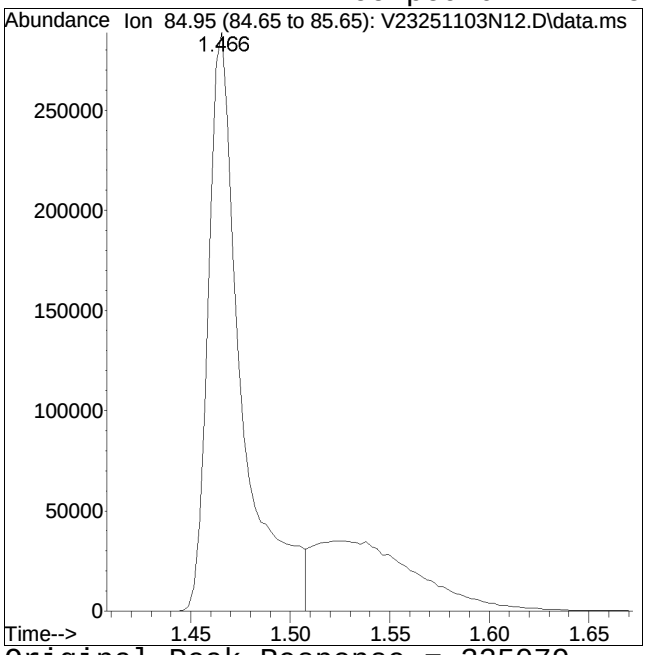
Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•

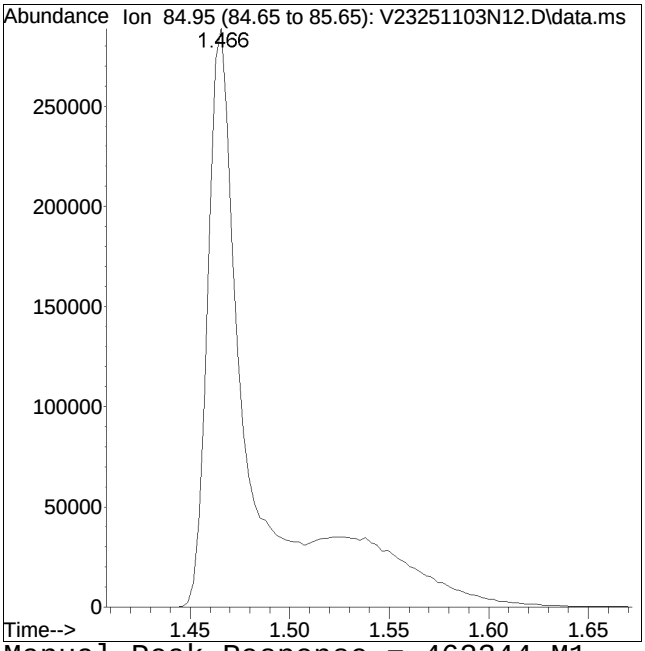


Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N12.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 11:45 pm Instrument : VOA123
Sample : I8260STD200PPB Quant Date : 11/4/2025 12:15 pm

Compound #2: Dichlorodifluoromethane





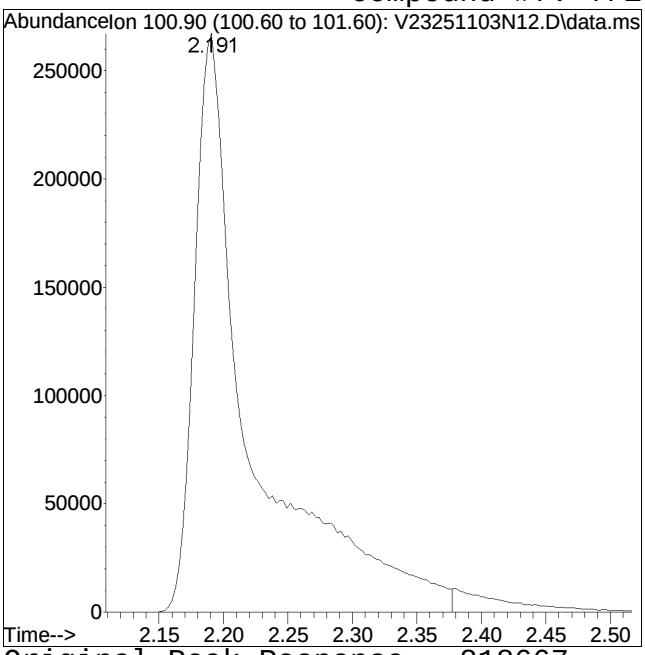
Original Peak Response = 335079 Manual Peak Response = 462344 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

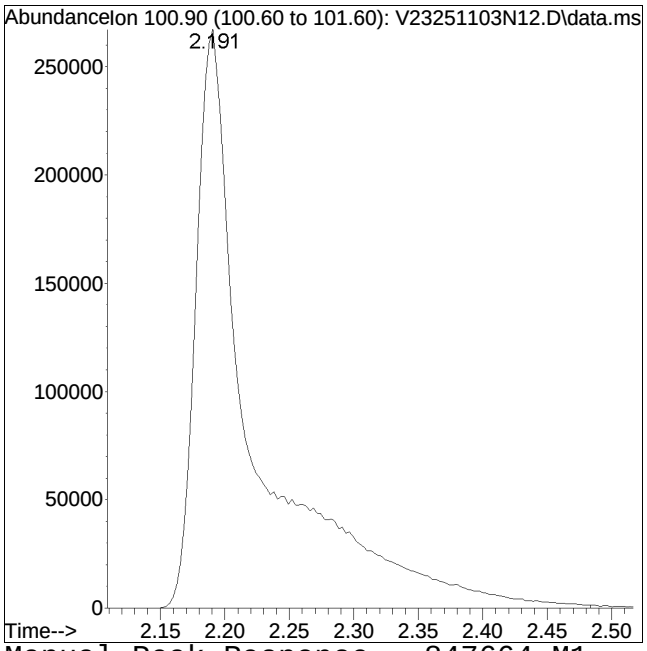
Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N12.D
Date Inj'd : 11/3/2025 11:45 pm
Sample : I8260STD200PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:15 pm

Compound #7: Trichlorofluoromethane



Original Peak Response = 818667



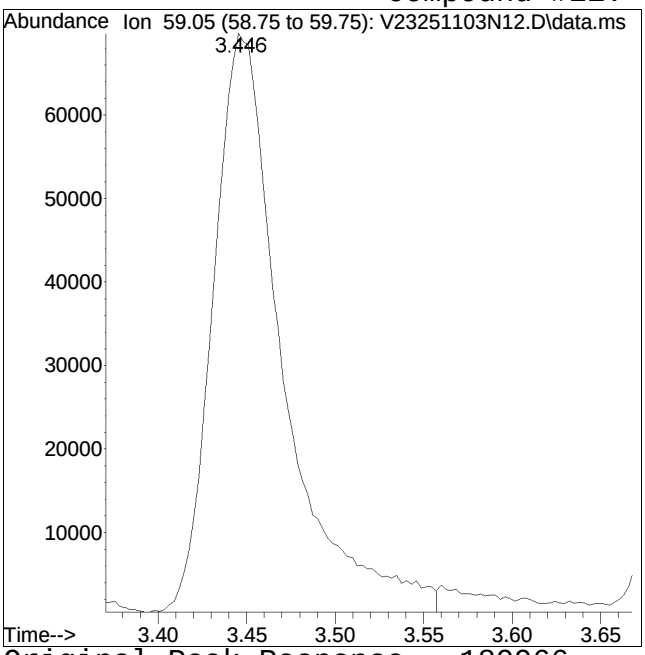
Manual Peak Response = 847664 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

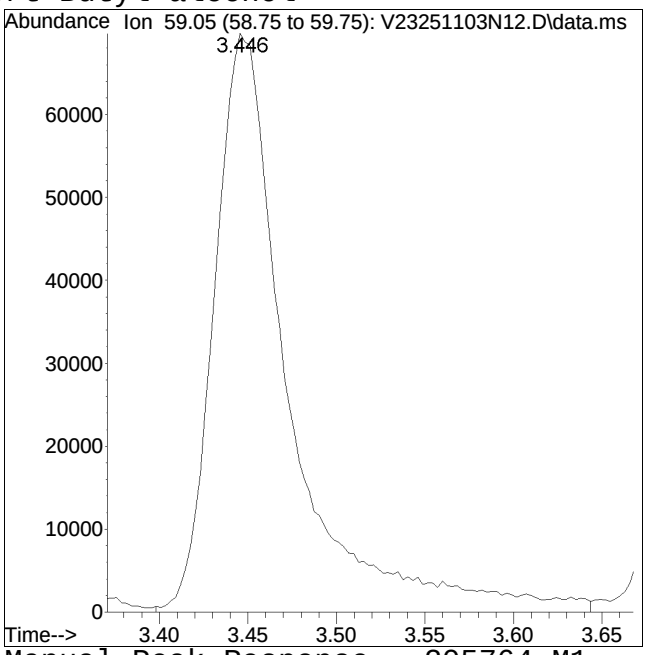
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N12.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 11:45 pm Instrument : VOA123
Sample : I8260STD200PPB Quant Date : 11/4/2025 12:15 pm

Compound #21: tert-Butyl alcohol



Original Peak Response = 189966



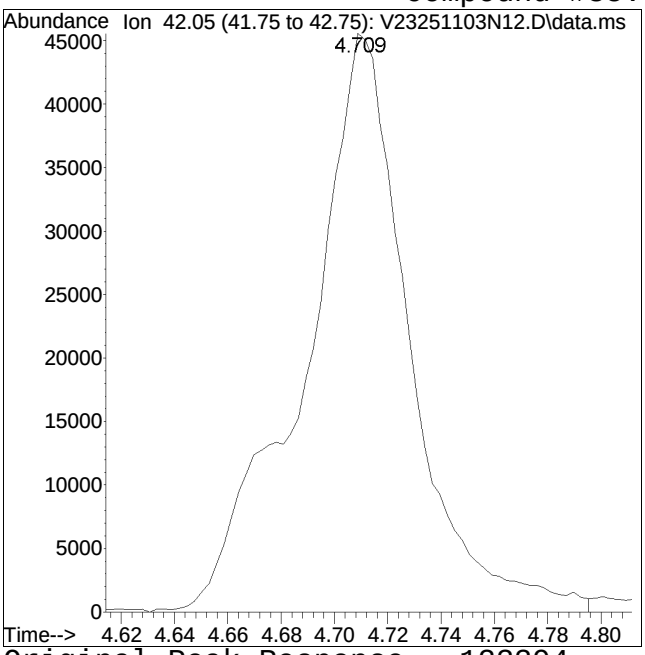
Manual Peak Response = 205764 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

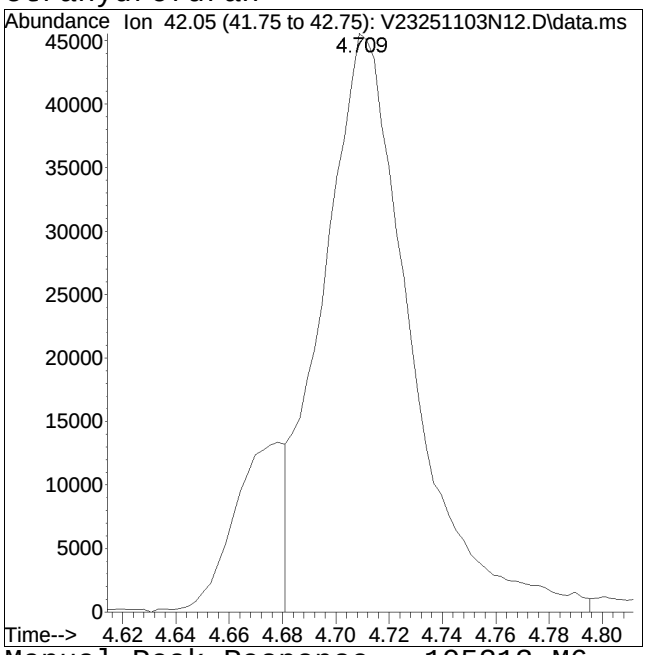
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N12.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 11:45 pm Instrument : VOA123
Sample : I8260STD200PPB Quant Date : 11/4/2025 12:15 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 123394



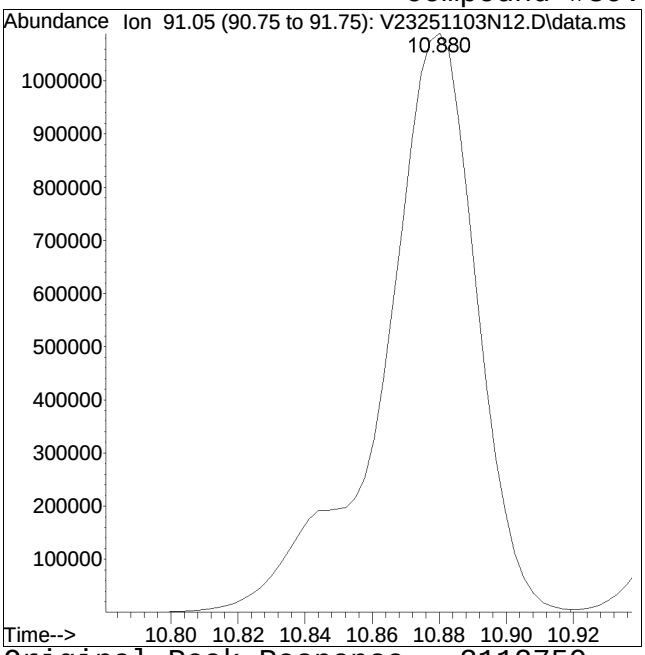
Manual Peak Response = 105313 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

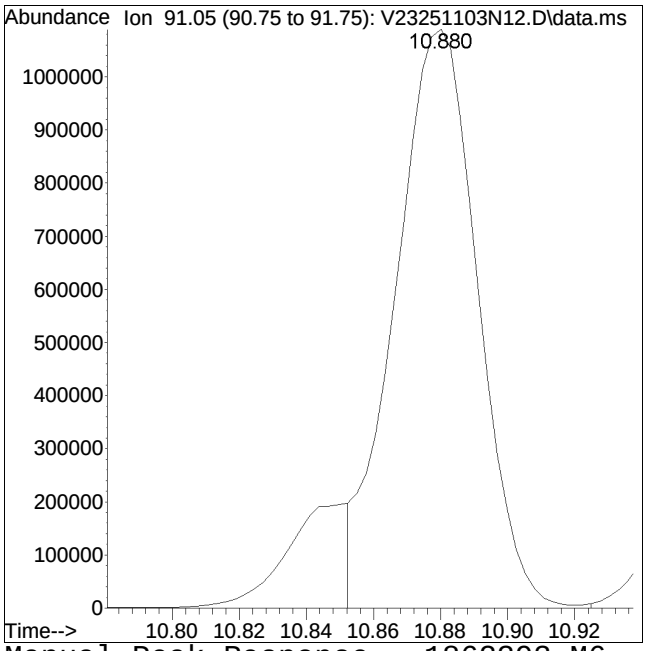
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N12.D Operator : VOA123:AJK
Date Inj'd : 11/3/2025 11:45 pm Instrument : VOA123
Sample : I8260STD200PPB Quant Date : 11/4/2025 12:15 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 2112759



Manual Peak Response = 1862393 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N13.D
Acq On : 04 Nov 2025 12:11 am
Operator : VOA123:AJK
Sample : I8260STD300PPB
Misc : WG2136903,ICAL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 04 12:32:21 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.521	96	201463	20.000 ug/L	0.00
Standard Area 1 = 201320			Recovery = 100.07%		
59) Chlorobenzene-d5	8.990	117	150409	20.000 ug/L	0.00
Standard Area 1 = 146207			Recovery = 102.87%		
79) 1,4-Dichlorobenzene-d4	11.803	152	84641	20.000 ug/L	0.00
Standard Area 1 = 79326			Recovery = 106.70%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.734	113	51373	19.966 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.83%		
43) 1,2-Dichloroethane-d4	5.239	65	54751	21.215 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.08%		
60) Toluene-d8	7.174	98	199909	19.714 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.57%		
83) 4-Bromofluorobenzene	10.540	95	71903	18.941 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.70%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.466	85	727258M1	319.208 ug/L	
3) Chloromethane	1.661	50	789094	319.617 ug/L	98
4) Vinyl chloride	1.692	62	894283	326.414 ug/L	86
5) Bromomethane	1.962	94	648158	391.512 ug/L	100
6) Chloroethane	2.063	64	633645	345.980 ug/L	94
7) Trichlorofluoromethane	2.188	101	1361908M1	335.962 ug/L	
8) Ethyl ether	2.453	74	433528	315.413 ug/L	92
10) 1,1-Dichloroethene	2.629	96	717126	334.442 ug/L	93
11) Carbon disulfide	2.654	76	2427205	327.731 ug/L	100
12) Freon-113	2.662	101	735516	336.593 ug/L	98
14) Acrolein	2.913	56	88254M1	334.502 ug/L	
15) Methylene chloride	3.131	84	839701	308.288 ug/L	93
17) Acetone	3.170	43	174302	263.497 ug/L	91
18) trans-1,2-Dichloroethene	3.276	96	818526	319.111 ug/L	96
19) Methyl acetate	3.281	43	320966	294.593 ug/L #	90
20) Methyl tert-butyl ether	3.365	73	2224050	309.238 ug/L	96
21) tert-Butyl alcohol	3.449	59	305294	1469.261 ug/L	98
22) Diisopropyl ether	3.702	45	2425586	312.154 ug/L	96
23) 1,1-Dichloroethane	3.819	63	1435615	306.359 ug/L	100
24) Halothane	3.870	117	614514	326.785 ug/L	100
25) Acrylonitrile	3.861	53	172423	311.349 ug/L #	89

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N13.D
Acq On : 04 Nov 2025 12:11 am
Operator : VOA123:AJK
Sample : I8260STD300PPB
Misc : WG2136903,ICAL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 04 12:32:21 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.031	59	2521122	319.900	ug/L		93
27) Vinyl acetate	4.040	43	1713568	314.705	ug/L		96
28) cis-1,2-Dichloroethene	4.310	96	913589	312.167	ug/L		96
29) 2,2-Dichloropropane	4.405	77	1231354	321.553	ug/L		92
30) Bromochloromethane	4.494	128	398969	299.865	ug/L		97
31) Cyclohexane	4.503	56	1254374	325.771	ug/L		97
32) Chloroform	4.564	83	1517220	306.310	ug/L		96
33) Ethyl acetate	4.676	43	550582	306.436	ug/L		100
34) Carbon tetrachloride	4.695	117	1225429	332.788	ug/L		100
35) Tetrahydrofuran	4.712	42	164193M6	299.464	ug/L		
37) 1,1,1-Trichloroethane	4.756	97	1296088	317.080	ug/L		98
39) 2-Butanone	4.846	43	210501	296.929	ug/L	#	78
40) 1,1-Dichloropropene	4.876	75	1005000	318.864	ug/L		100
41) Benzene	5.111	78	3096905	311.033	ug/L		97
42) tert-Amyl methyl ether	5.222	73	2222272	314.887	ug/L		97
44) 1,2-Dichloroethane	5.306	62	1082721	306.724	ug/L		99
47) Methyl cyclohexane	5.685	83	1411887	334.962	ug/L		93
48) Trichloroethene	5.693	95	903213	329.595	ug/L		99
50) Dibromomethane	6.114	93	505172	315.449	ug/L		100
51) 1,2-Dichloropropane	6.218	63	832186	311.089	ug/L		99
53) 2-Chloroethyl vinyl ether	6.909	63	366197	305.571	ug/L		95
54) Bromodichloromethane	6.293	83	1245918	320.749	ug/L		99
57) 1,4-Dioxane	6.511	88	240474	14671.875	ug/L		95
58) cis-1,3-Dichloropropene	6.971	75	1393914	316.972	ug/L	#	90
61) Toluene	7.233	92	2081494	315.536	ug/L		99
62) 4-Methyl-2-pentanone	7.662	58	231704	310.438	ug/L		90
63) Tetrachloroethene	7.673	166	955613	323.284	ug/L		98
65) trans-1,3-Dichloropropene	7.710	75	1227079	312.959	ug/L		99
67) Ethyl methacrylate	7.910	69	918146	311.308	ug/L		93
68) 1,1,2-Trichloroethane	7.888	83	574101	302.235	ug/L		99
69) Chlorodibromomethane	8.097	129	926001	319.465	ug/L		98
70) 1,3-Dichloropropane	8.206	76	1125431	297.189	ug/L		100
71) 1,2-Dibromoethane	8.359	107	686896	303.461	ug/L		99
72) 2-Hexanone	8.661	43	375134	312.224	ug/L		94
73) Chlorobenzene	9.015	112	2406891	312.121	ug/L		88
74) Ethylbenzene	9.059	91	4071347	315.987	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.098	131	923877	316.413	ug/L		99
76) p/m Xylene	9.246	106	3249634	646.853	ug/L		100
77) o Xylene	9.790	106	3255458	647.568	ug/L		100
78) Styrene	9.860	104	5618589	653.921	ug/L		97

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N13.D
Acq On : 04 Nov 2025 12:11 am
Operator : VOA123:AJK
Sample : I8260STD300PPB
Misc : WG2136903,ICAL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 04 12:32:21 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	9.874	173	654827	341.086	ug/L	100
82) Isopropylbenzene	10.200	105	4099759	308.254	ug/L	100
84) Bromobenzene	10.649	156	1083194	303.663	ug/L	99
85) n-Propylbenzene	10.713	91	4851336	306.300	ug/L	99
86) 1,4-Dichlorobutane	10.721	55	1195213	303.115	ug/L	95
87) 1,1,2,2-Tetrachloroethane	10.805	83	849870	290.215	ug/L	100
88) 4-Ethyltoluene	10.847	105	4030052	303.253	ug/L	100
89) 2-Chlorotoluene	10.880	91	2970580M6	304.877	ug/L	
90) 1,3,5-Trimethylbenzene	10.953	105	3579288	306.601	ug/L	99
91) 1,2,3-Trichloropropane	10.942	75	663351	294.751	ug/L	98
92) trans-1,4-Dichloro-2-b...	11.003	53	242525	303.122	ug/L	88
93) 4-Chlorotoluene	11.076	91	3024924	301.215	ug/L	99
94) tert-Butylbenzene	11.301	119	3056313	310.523	ug/L	97
97) 1,2,4-Trimethylbenzene	11.388	105	3597453	309.337	ug/L	100
98) sec-Butylbenzene	11.502	105	4572992	310.587	ug/L	99
99) p-Isopropyltoluene	11.667	119	3991367	311.707	ug/L	98
100) 1,3-Dichlorobenzene	11.723	146	2090610	306.824	ug/L	99
101) 1,4-Dichlorobenzene	11.820	146	2064492	299.292	ug/L	100
102) p-Diethylbenzene	12.052	119	2387758	313.510	ug/L	99
103) n-Butylbenzene	12.110	91	3518824	305.165	ug/L	99
104) 1,2-Dichlorobenzene	12.250	146	1933815	301.211	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.863	119	3849834	309.502	ug/L	99
106) 1,2-Dibromo-3-chloropr...	13.044	155	143429	323.034	ug/L	99
107) 1,3,5-Trichlorobenzene	13.083	180	1570930	299.079	ug/L	100
108) Hexachlorobutadiene	13.669	225	816961	312.869	ug/L	99
109) 1,2,4-Trichlorobenzene	13.689	180	1342106	286.380	ug/L	100
110) Naphthalene	13.979	128	2477509	280.918	ug/L	100
111) 1,2,3-Trichlorobenzene	14.149	180	1095389	270.186	ug/L	100

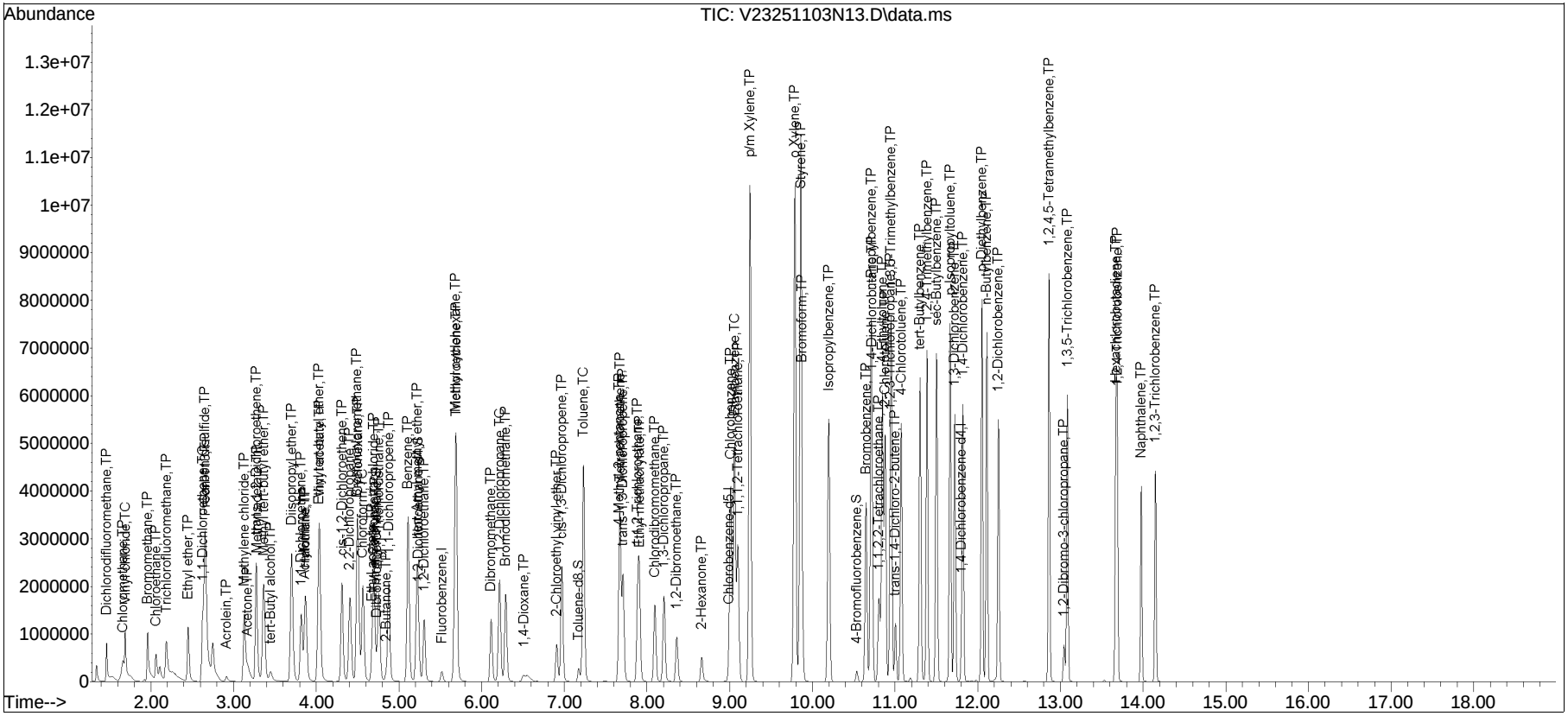
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N13.D
Acq On : 04 Nov 2025 12:11 am
Operator : VOA123:AJK
Sample : I8260STD300PPB
Misc : WG2136903,ICAL
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 04 12:32:21 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:13:39 2025
Response via : Initial Calibration

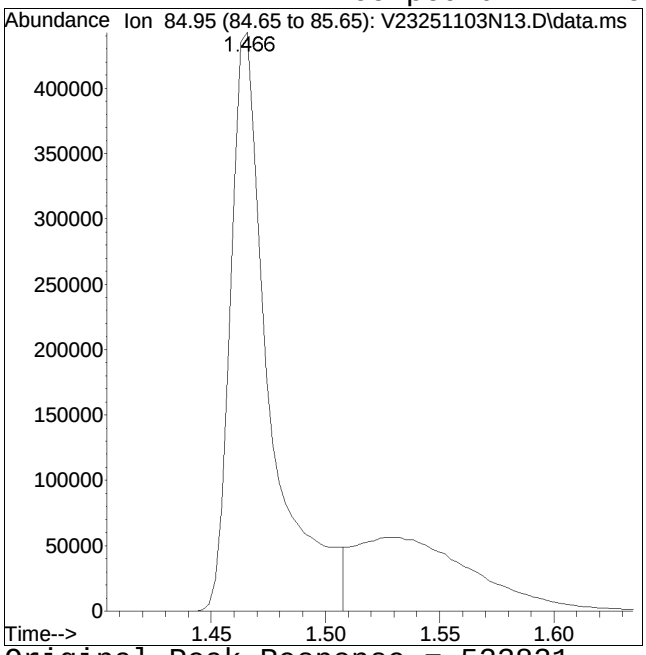
Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•



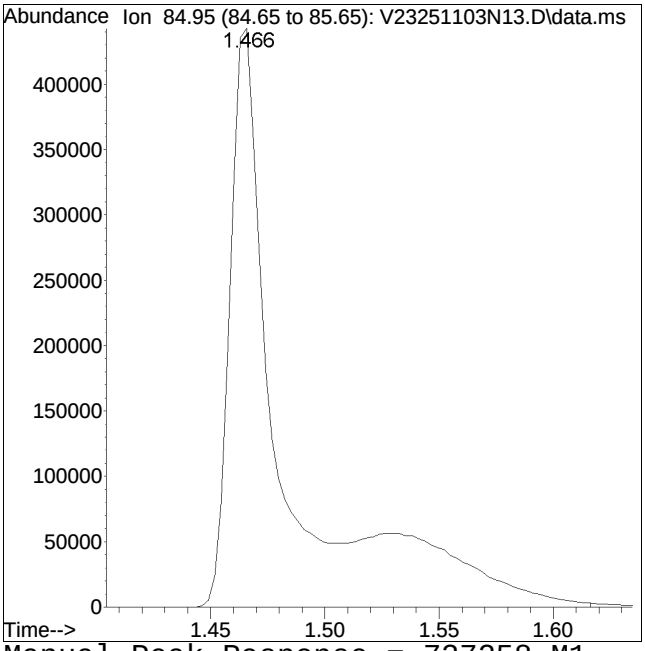
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N13.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 12:11 am Instrument : VOA123
Sample : I8260STD300PPB Quant Date : 11/4/2025 12:15 pm

Compound #2: Dichlorodifluoromethane



Original Peak Response = 523821



Manual Peak Response = 727258 M1

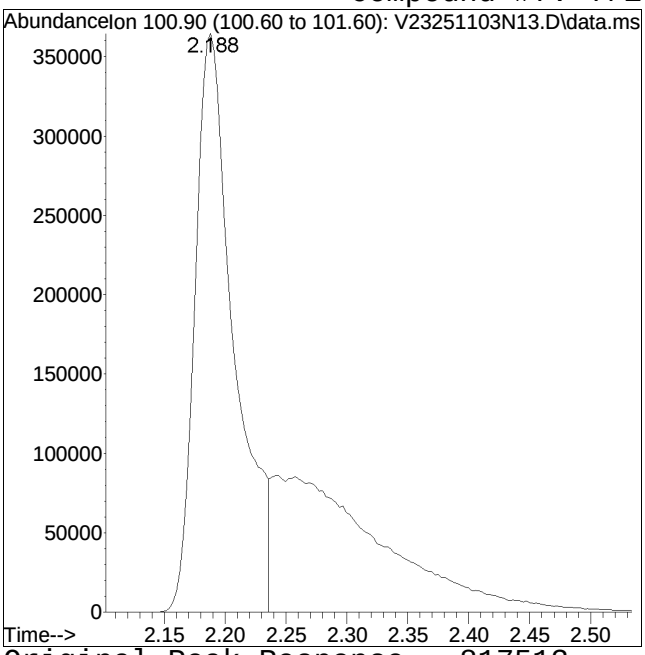
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

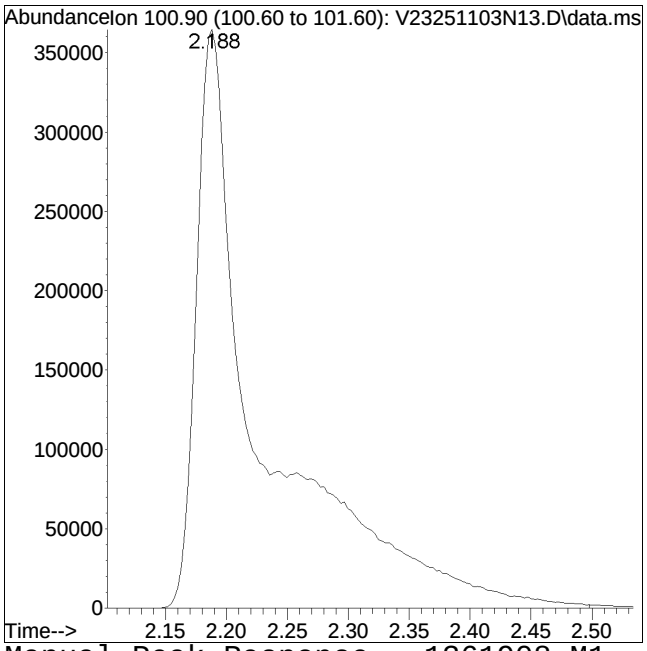
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQ
Data File : V23251103N13.D
Date Inj'd : 11/4/2025 12:11 am
Sample : I8260STD300PPB

Method : V123_251103N_8260.m
Operator : VOA123:AJK
Instrument : VOA123
Quant Date : 11/4/2025 12:15 pm

Compound #7: Trichlorofluoromethane





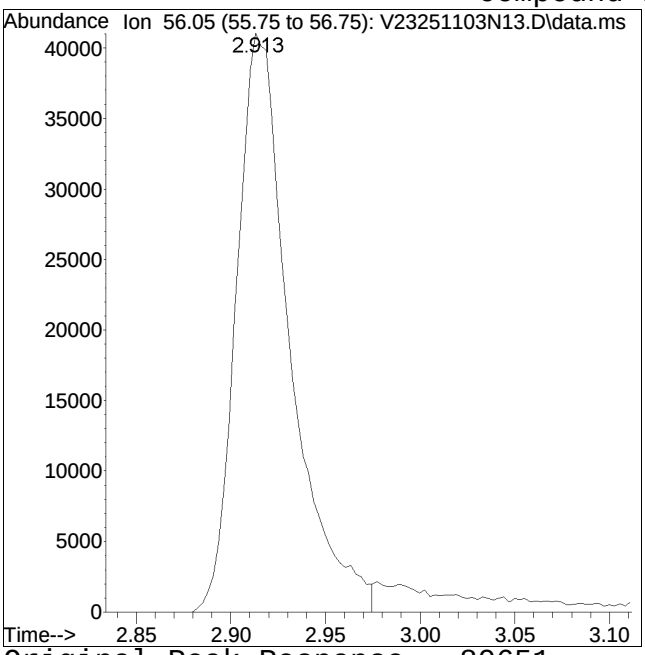
Original Peak Response = 817513 Manual Peak Response = 1361908 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

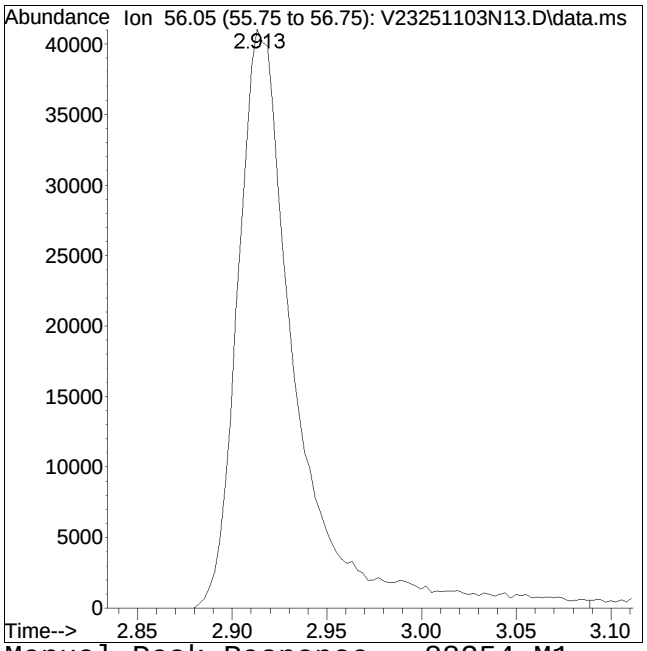
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N13.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 12:11 am Instrument : VOA123
Sample : I8260STD300PPB Quant Date : 11/4/2025 12:15 pm

Compound #14: Acrolein



Original Peak Response = 80651



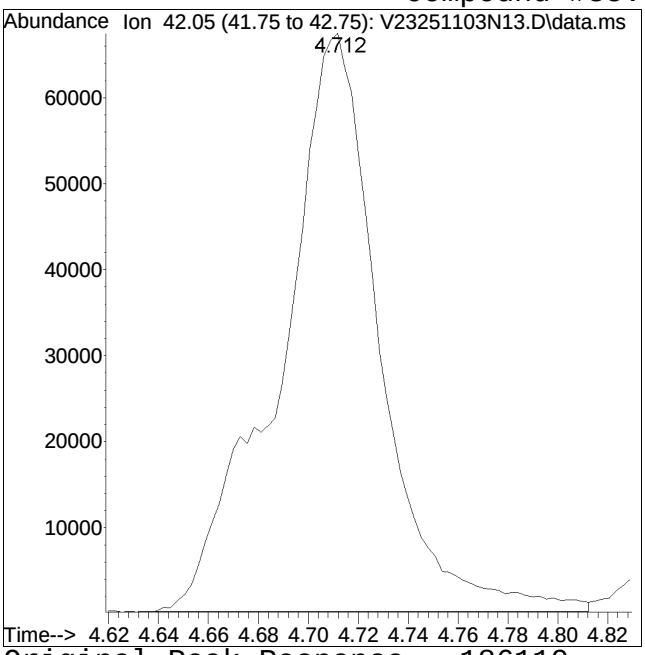
Manual Peak Response = 88254 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

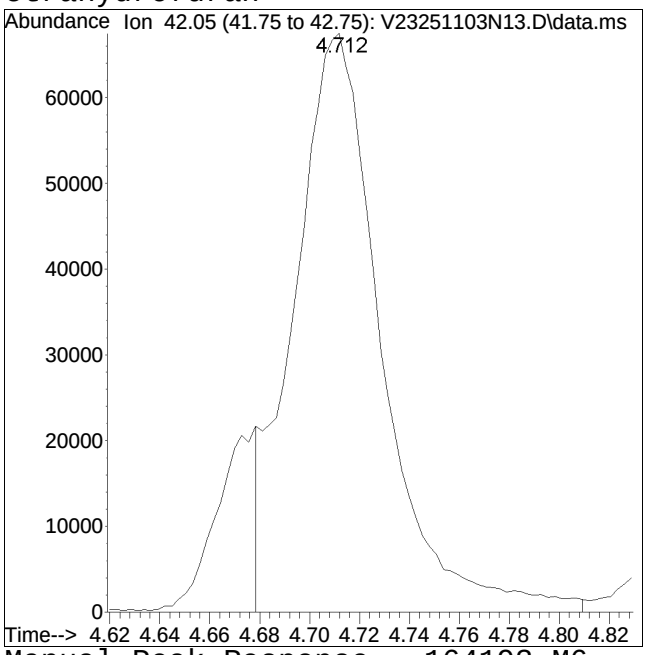
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N13.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 12:11 am Instrument : VOA123
Sample : I8260STD300PPB Quant Date : 11/4/2025 12:15 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 186110



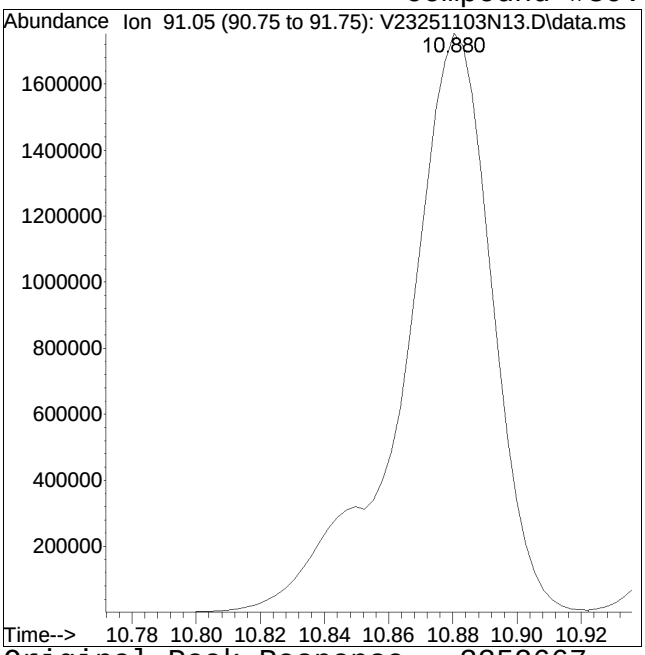
Manual Peak Response = 164193 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

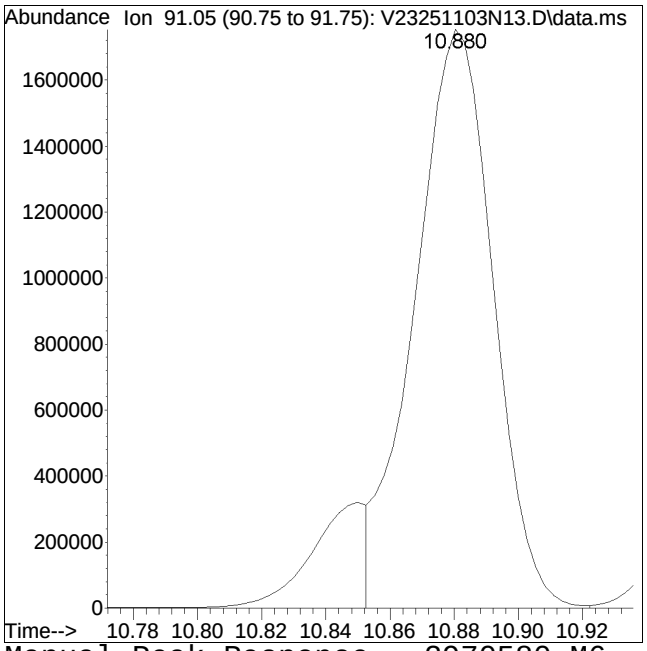
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N13.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 12:11 am Instrument : VOA123
Sample : I8260STD300PPB Quant Date : 11/4/2025 12:15 pm

Compound #89: 2-Chlorotoluene



Original Peak Response = 3352667



Manual Peak Response = 2970580 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N16.D
Acq On : 04 Nov 2025 01:29 am
Operator : VOA123:AJK
Sample : C8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 04 12:38:33 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	97	0.00
2	TP	Dichlorodifluoromethane	0.220	0.310	-40.9#	133	0.00
3	TP	Chloromethane	0.240	0.280	-16.7	111	0.00
4	TC	Vinyl chloride	0.260	0.316	-21.5#	113	0.00
5	TP	Bromomethane	0.166	0.218	-31.3#	129	0.00
6	TP	Chloroethane	0.180	0.201	-11.7	107	0.00
7	TP	Trichlorofluoromethane	0.393	0.470	-19.6	113	0.00
8	TP	Ethyl ether	0.132	0.134	-1.5	95	0.00
10	TC	1,1-Dichloroethene	0.208	0.221	-6.3	101	0.00
11	TP	Carbon disulfide	0.767	0.789	-2.9	104	0.00
12	TP	Freon-113	0.211	0.238	-12.8	106	0.00
14	TP	Acrolein	0.026	0.029	-11.5	107	0.00
15	TP	Methylene chloride	0.270	0.270	0.0	97	0.00
17	TP	Acetone	* 40.000	28.998	27.5#	74	0.00
18	TP	trans-1,2-Dichloroethene	0.243	0.257	-5.8	98	0.00
19	TP	Methyl acetate	0.104	0.108	-3.8	97	0.00
20	TP	Methyl tert-butyl ether	0.694	0.661	4.8	90	0.00
21	TP	tert-Butyl alcohol	0.019	0.020	-5.3	93	0.00
22	TP	Diisopropyl ether	0.750	0.747	0.4	94	0.00
23	TP	1,1-Dichloroethane	0.447	0.477	-6.7	100	0.00
24	TP	Halothane	0.181	0.190	-5.0	99	0.00
25	TP	Acrylonitrile	0.054	0.055	-1.9	96	0.00
26	TP	Ethyl tert-butyl ether	0.760	0.778	-2.4	97	0.00
27	TP	Vinyl acetate	0.517	0.518	-0.2	93	0.00
28	TP	cis-1,2-Dichloroethene	0.279	0.280	-0.4	94	0.00
29	TP	2,2-Dichloropropane	0.368	0.382	-3.8	98	0.00
30	TP	Bromochloromethane	0.125	0.127	-1.6	94	0.00
31	TP	Cyclohexane	0.373	0.381	-2.1	97	0.00
32	TC	Chloroform	0.547	0.494	9.7	98	0.00
33	TP	Ethyl acetate	0.175	0.181	-3.4	98	0.00
34	TP	Carbon tetrachloride	0.355	0.376	-5.9	100	0.00
35	TP	Tetrahydrofuran	0.055	0.055	0.0	99	0.00
36	S	Dibromofluoromethane	0.252	0.259	-2.8	98	0.00
37	TP	1,1,1-Trichloroethane	0.378	0.421	-11.4	101	0.00
39	TP	2-Butanone	0.076	0.078	-2.6	108	0.00
40	TP	1,1-Dichloropropene	0.295	0.345	-16.9	107	0.00
41	TP	Benzene	0.932	1.002	-7.5	98	0.00
42	TP	tert-Amyl methyl ether	0.674	0.671	0.4	93	0.00
43	S	1,2-Dichloroethane-d4	0.258	0.253	1.9	96	0.00

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N16.D
Acq On : 04 Nov 2025 01:29 am
Operator : VOA123:AJK
Sample : C8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 04 12:38:33 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.340	0.354	-4.1	98	0.00
47	TP	Methyl cyclohexane	0.403	0.410	-1.7	95	0.00
48	TP	Trichloroethene	0.256	0.277	-8.2	99	0.00
50	TP	Dibromomethane	0.152	0.156	-2.6	95	0.00
51	TC	1,2-Dichloropropane	0.257	0.271	-5.4	99	0.00
53	TP	2-Chloroethyl vinyl ether	0.106	0.110	-3.8	90	0.00
54	TP	Bromodichloromethane	0.360	0.373	-3.6	94	0.00
57	TP	1,4-Dioxane	0.00149	0.00170#	-14.1	102	0.00
58	TP	cis-1,3-Dichloropropene	0.396	0.425	-7.3	95	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
60	S	Toluene-d8	1.353	1.349	0.3	97	0.00
61	TC	Toluene	0.850	0.893	-5.1	98	0.00
62	TP	4-Methyl-2-pentanone	0.091	0.103	-13.2	100	0.00
63	TP	Tetrachloroethene	0.366	0.394	-7.7	97	0.00
65	TP	trans-1,3-Dichloropropene	0.479	0.521	-8.8	97	0.00
67	TP	Ethyl methacrylate	0.361	0.387	-7.2	95	0.00
68	TP	1,1,2-Trichloroethane	0.244	0.251	-2.9	96	0.00
69	TP	Chlorodibromomethane	0.351	0.397	-13.1	99	0.00
70	TP	1,3-Dichloropropane	0.482	0.506	-5.0	97	0.00
71	TP	1,2-Dibromoethane	0.271	0.301	-11.1	96	0.00
72	TP	2-Hexanone	0.162	0.176	-8.6	106	0.00
73	TP	Chlorobenzene	0.972	1.030	-6.0	97	0.00
74	TC	Ethylbenzene	1.683	1.734	-3.0	98	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.355	0.380	-7.0	95	0.00
76	TP	p/m Xylene	0.629	0.674	-7.2	97	0.00
77	TP	o Xylene	0.635	0.650	-2.4	94	0.00
78	TP	Styrene	1.070	1.111	-3.8	94	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
80	TP	Bromoform	0.434	0.450	-3.7	96	0.00
82	TP	Isopropylbenzene	2.998	3.118	-4.0	96	0.00
83	S	4-Bromofluorobenzene	0.894	0.897	-0.3	97	0.00
84	TP	Bromobenzene	0.808	0.835	-3.3	96	0.00
85	TP	n-Propylbenzene	3.569	3.775	-5.8	98	0.00
86	TP	1,4-Dichlorobutane	0.911	0.932	-2.3	97	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.660	0.677	-2.6	95	0.00
88	TP	4-Ethyltoluene	2.970	3.128	-5.3	96	0.00
89	TP	2-Chlorotoluene	2.229	2.588	-16.1	109	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N16.D
Acq On : 04 Nov 2025 01:29 am
Operator : VOA123:AJK
Sample : C8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 04 12:38:33 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 TP	1,3,5-Trimethylbenzene	2.635	2.717	-3.1	95	0.00
91 TP	1,2,3-Trichloropropane	0.522	0.536	-2.7	98	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.184	0.195	-6.0	100	0.00
93 TP	4-Chlorotoluene	2.265	2.340	-3.3	95	0.00
94 TP	tert-Butylbenzene	2.206	2.323	-5.3	97	0.00
97 TP	1,2,4-Trimethylbenzene	2.619	2.830	-8.1	100	0.00
98 TP	sec-Butylbenzene	3.300	3.449	-4.5	96	0.00
99 TP	p-Isopropyltoluene	2.858	2.993	-4.7	96	0.00
100 TP	1,3-Dichlorobenzene	1.528	1.587	-3.9	95	0.00
101 TP	1,4-Dichlorobenzene	1.565	1.591	-1.7	94	0.00
102 TP	p-Diethylbenzene	1.692	1.688	0.2	91	0.00
103 TP	n-Butylbenzene	2.564	2.763	-7.8	98	0.00
104 TP	1,2-Dichlorobenzene	1.432	1.484	-3.6	95	0.00
105 TP	1,2,4,5-Tetramethylbenzene	2.755	2.860	-3.8	94	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.101	0.108	-6.9	100	0.00
107 TP	1,3,5-Trichlorobenzene	1.176	1.149	2.3	90	0.00
108 TP	Hexachlorobutadiene	0.586	0.608	-3.8	95	0.00
109 TP	1,2,4-Trichlorobenzene	1.032	1.067	-3.4	93	0.00
110 TP	Naphthalene	1.978	2.111	-6.7	98	0.00
111 TP	1,2,3-Trichlorobenzene	0.884	0.942	-6.6	95	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 1 CCC's out = 1

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N16.D
Acq On : 04 Nov 2025 01:29 am
Operator : VOA123:AJK
Sample : C8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 04 12:38:33 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.520	96	195469	20.000 ug/L	0.00
Standard Area 1 = 201320			Recovery = 97.09%		
59) Chlorobenzene-d5	8.989	117	141227	20.000 ug/L	0.00
Standard Area 1 = 146207			Recovery = 96.59%		
79) 1,4-Dichlorobenzene-d4	11.800	152	76775	20.000 ug/L	0.00
Standard Area 1 = 79326			Recovery = 96.78%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.737	113	50629	20.563 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.81%		
43) 1,2-Dichloroethane-d4	5.239	65	49500	19.641 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.20%		
60) Toluene-d8	7.174	98	190486	19.945 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.72%		
83) 4-Bromofluorobenzene	10.537	95	68862	20.062 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.31%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.466	85	121222M1	56.304 ug/L	
3) Chloromethane	1.661	50	109606	46.806 ug/L	99
4) Vinyl chloride	1.692	62	123491M1	48.584 ug/L	
5) Bromomethane	1.962	94	85171	52.387 ug/L	99
6) Chloroethane	2.071	64	78440	44.527 ug/L	97
7) Trichlorofluoromethane	2.191	101	183671M1	47.772 ug/L	
8) Ethyl ether	2.453	74	52355	40.724 ug/L	93
10) 1,1-Dichloroethene	2.628	96	86508	42.529 ug/L	94
11) Carbon disulfide	2.656	76	308524	41.171 ug/L	99
12) Freon-113	2.665	101	92990	45.058 ug/L	97
14) Acrolein	2.919	56	11331M1	44.229 ug/L	
15) Methylene chloride	3.130	84	105504	39.956 ug/L	93
17) Acetone	3.170	43	19462M1	28.998 ug/L	
18) trans-1,2-Dichloroethene	3.275	96	100449	42.242 ug/L	95
19) Methyl acetate	3.281	43	42281	41.550 ug/L #	90
20) Methyl tert-butyl ether	3.365	73	258421	38.110 ug/L	95
21) tert-Butyl alcohol	3.448	59	38774	208.648 ug/L	96
22) Diisopropyl ether	3.705	45	291971	39.851 ug/L	95
23) 1,1-Dichloroethane	3.819	63	186559	42.663 ug/L	99
24) Halothane	3.872	117	74206	41.901 ug/L	100
25) Acrylonitrile	3.867	53	21339	40.487 ug/L #	90

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N16.D
Acq On : 04 Nov 2025 01:29 am
Operator : VOA123:AJK
Sample : C8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 04 12:38:33 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.034	59	304160	40.966	ug/L		92
27) Vinyl acetate	4.045	43	202593	40.060	ug/L		95
28) cis-1,2-Dichloroethene	4.313	96	109610	40.219	ug/L		96
29) 2,2-Dichloropropane	4.410	77	149508	41.541	ug/L		92
30) Bromochloromethane	4.494	128	49800	40.916	ug/L		98
31) Cyclohexane	4.503	56	149034	40.892	ug/L		97
32) Chloroform	4.567	83	193041	36.094	ug/L		97
33) Ethyl acetate	4.675	43	70613	41.276	ug/L		99
34) Carbon tetrachloride	4.698	117	146866	42.386	ug/L		98
35) Tetrahydrofuran	4.714	42	21600M1	39.865	ug/L		
37) 1,1,1-Trichloroethane	4.756	97	164502	44.488	ug/L		97
39) 2-Butanone	4.848	43	30521	41.114	ug/L	#	86
40) 1,1-Dichloropropene	4.876	75	134978	46.886	ug/L		100
41) Benzene	5.110	78	391757	42.993	ug/L		97
42) tert-Amyl methyl ether	5.222	73	262409	39.827	ug/L		96
44) 1,2-Dichloroethane	5.306	62	138217	41.583	ug/L		98
47) Methyl cyclohexane	5.682	83	160279	40.721	ug/L		95
48) Trichloroethene	5.696	95	108351	43.319	ug/L		98
50) Dibromomethane	6.117	93	60910	40.985	ug/L		99
51) 1,2-Dichloropropane	6.218	63	105880	42.211	ug/L		99
53) 2-Chloroethyl vinyl ether	6.909	63	43190	41.680	ug/L		91
54) Bromodichloromethane	6.293	83	145777	41.392	ug/L		100
57) 1,4-Dioxane	6.505	88	33306M1	2289.743	ug/L		
58) cis-1,3-Dichloropropene	6.970	75	166343	42.932	ug/L	#	91
61) Toluene	7.230	92	252122	41.995	ug/L		100
62) 4-Methyl-2-pentanone	7.665	58	29122	45.560	ug/L		88
63) Tetrachloroethene	7.673	166	111203	43.060	ug/L		97
65) trans-1,3-Dichloropropene	7.709	75	147261	43.547	ug/L		99
67) Ethyl methacrylate	7.910	69	109326	42.879	ug/L		92
68) 1,1,2-Trichloroethane	7.891	83	70768	41.041	ug/L		99
69) Chlorodibromomethane	8.094	129	112016	45.221	ug/L		98
70) 1,3-Dichloropropane	8.206	76	142796	41.943	ug/L		100
71) 1,2-Dibromoethane	8.359	107	84915	44.365	ug/L		99
72) 2-Hexanone	8.663	43	49611	43.239	ug/L		91
73) Chlorobenzene	9.012	112	291055	42.422	ug/L		88
74) Ethylbenzene	9.054	91	489845	41.217	ug/L		100
75) 1,1,1,2-Tetrachloroethane	9.093	131	107450	42.861	ug/L		99
76) p/m Xylene	9.240	106	380708	85.676	ug/L		99
77) o Xylene	9.784	106	367411	81.927	ug/L		98
78) Styrene	9.854	104	627515	83.042	ug/L		98

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N16.D
Acq On : 04 Nov 2025 01:29 am
Operator : VOA123:AJK
Sample : C8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 04 12:38:33 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251103NICAL\V23251103N10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	9.868	173	69118	41.475	ug/L	100
82) Isopropylbenzene	10.197	105	478845	41.607	ug/L	100
84) Bromobenzene	10.649	156	128191	41.319	ug/L	100
85) n-Propylbenzene	10.707	91	579715	42.313	ug/L	99
86) 1,4-Dichlorobutane	10.718	55	143117	40.933	ug/L	94
87) 1,1,2,2-Tetrachloroethane	10.802	83	103951	41.045	ug/L	100
88) 4-Ethyltoluene	10.844	105	480297	42.127	ug/L	99
89) 2-Chlorotoluene	10.877	91	397347	46.447	ug/L	94
90) 1,3,5-Trimethylbenzene	10.950	105	417265	41.258	ug/L	99
91) 1,2,3-Trichloropropane	10.939	75	82347	41.128	ug/L	98
92) trans-1,4-Dichloro-2-b...	11.003	53	29944	42.320	ug/L	83
93) 4-Chlorotoluene	11.073	91	359382	41.336	ug/L	99
94) tert-Butylbenzene	11.301	119	356663	42.120	ug/L	98
97) 1,2,4-Trimethylbenzene	11.385	105	434539	43.228	ug/L	99
98) sec-Butylbenzene	11.499	105	529556	41.804	ug/L	99
99) p-Isopropyltoluene	11.664	119	459575	41.890	ug/L	98
100) 1,3-Dichlorobenzene	11.720	146	243620	41.534	ug/L	99
101) 1,4-Dichlorobenzene	11.817	146	244242	40.642	ug/L	100
102) p-Diethylbenzene	12.049	119	259125	39.892	ug/L	99
103) n-Butylbenzene	12.107	91	424267	43.110	ug/L	99
104) 1,2-Dichlorobenzene	12.249	146	227859	41.443	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.860	119	439207	41.526	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.047	155	16589	42.811	ug/L	99
107) 1,3,5-Trichlorobenzene	13.083	180	176389	39.059	ug/L	99
108) Hexachlorobutadiene	13.672	225	93362	41.507	ug/L	99
109) 1,2,4-Trichlorobenzene	13.688	180	163838	41.349	ug/L	99
110) Naphthalene	13.978	128	324155	42.688	ug/L	100
111) 1,2,3-Trichlorobenzene	14.149	180	144704	42.651	ug/L	98

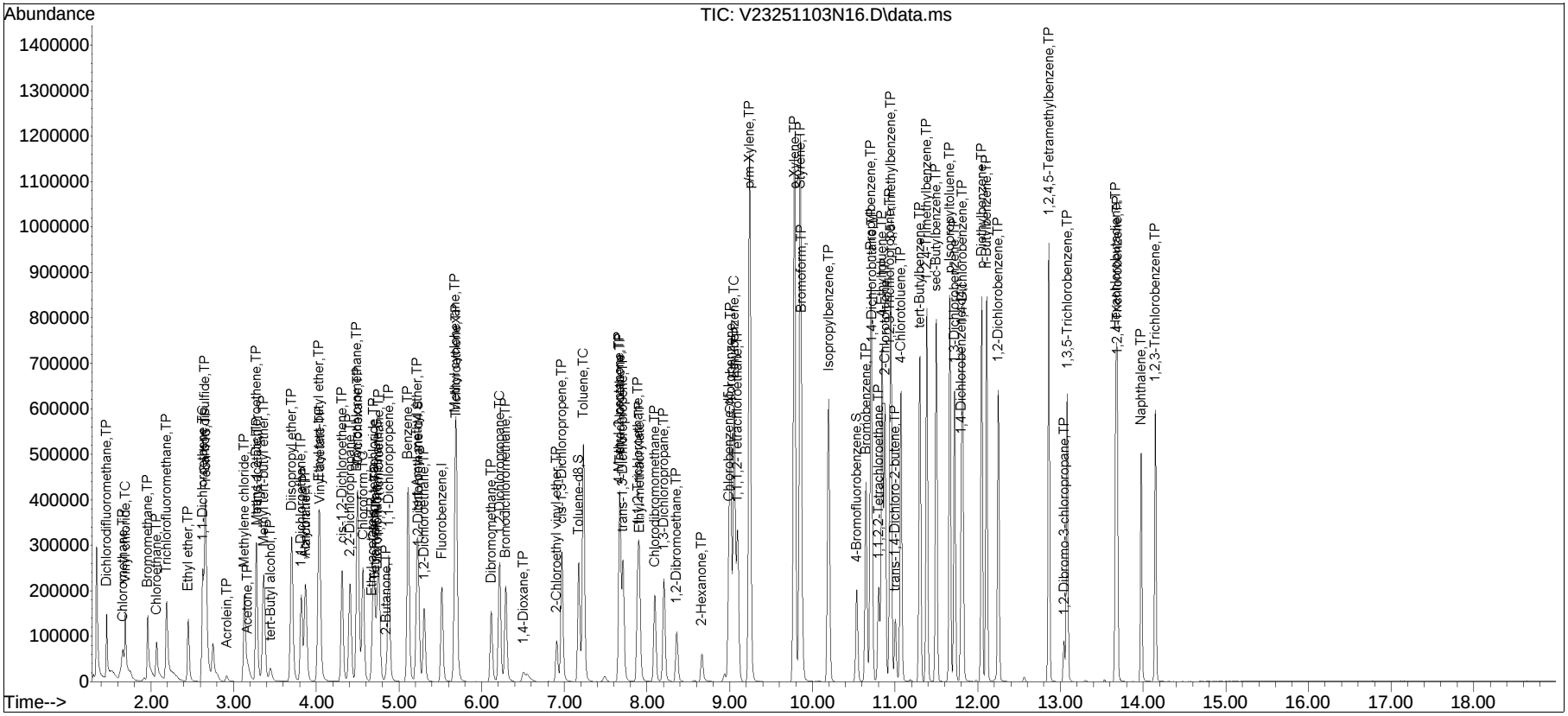
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N16.D
Acq On : 04 Nov 2025 01:29 am
Operator : VOA123:AJK
Sample : C8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 04 12:38:33 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

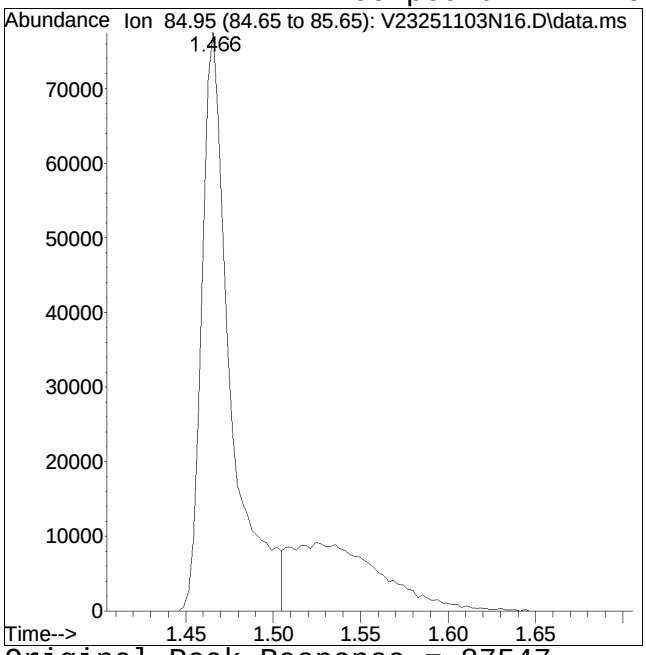
Sub List : 8260-CurveSoil - Megamix plus Diox251103N10.D•

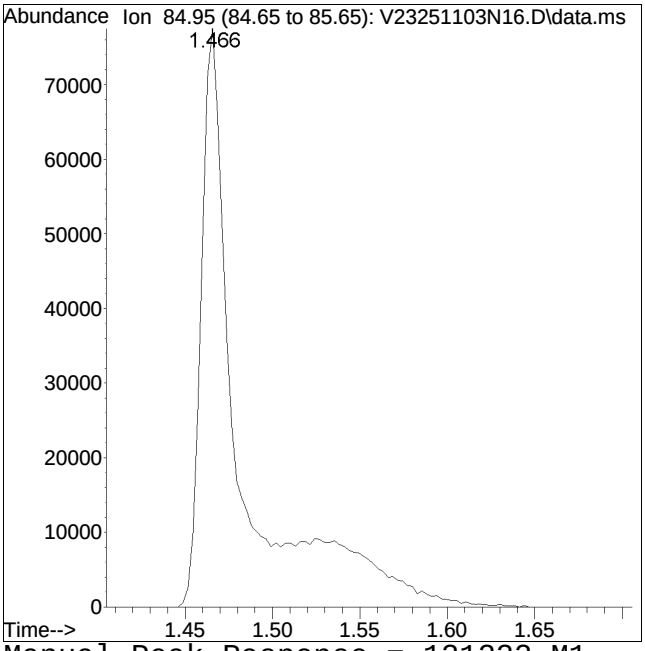


Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N16.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 1:29 am Instrument : VOA123
Sample : C8260STD40PPB Quant Date : 11/4/2025 12:37 pm

Compound #2: Dichlorodifluoromethane



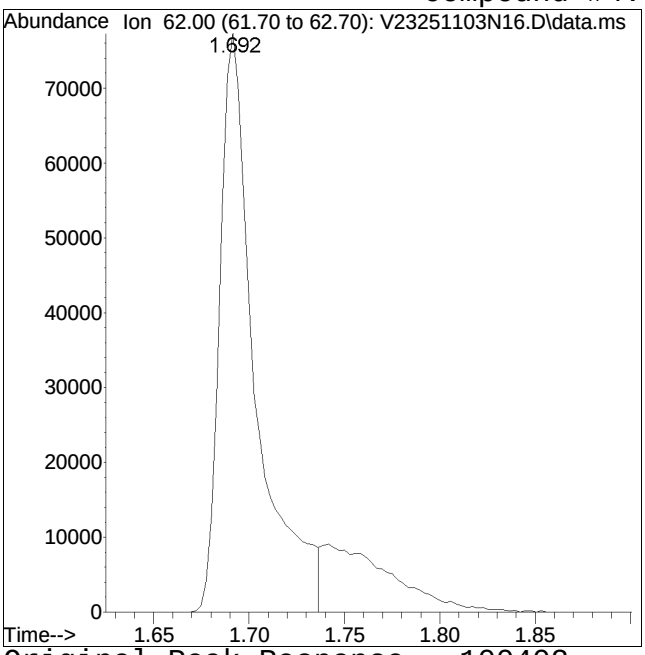


Original Peak Response = 87547 Manual Peak Response = 121222 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

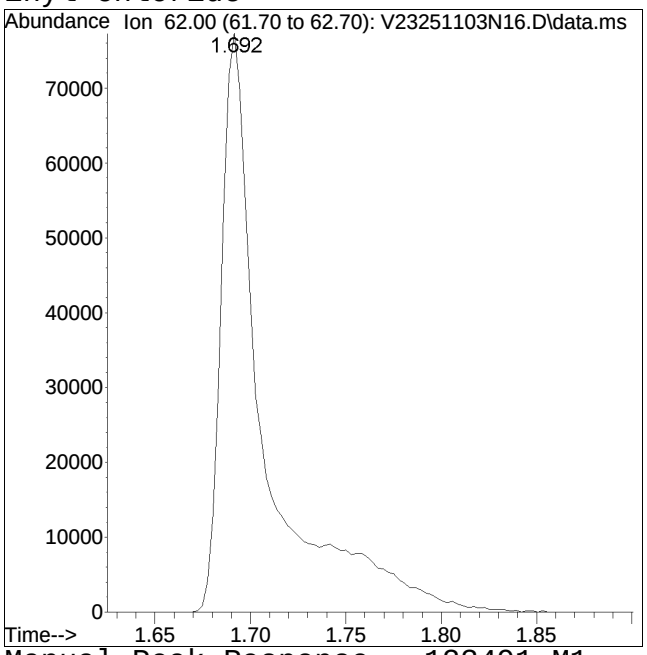
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N16.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 1:29 am Instrument : VOA123
Sample : C8260STD40PPB Quant Date : 11/4/2025 12:37 pm

Compound #4: Vinyl chloride



Original Peak Response = 100402



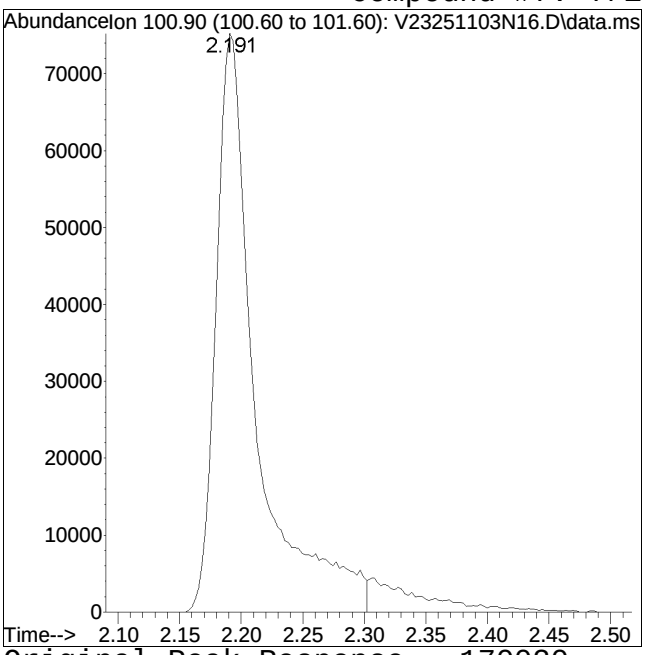
Manual Peak Response = 123491 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

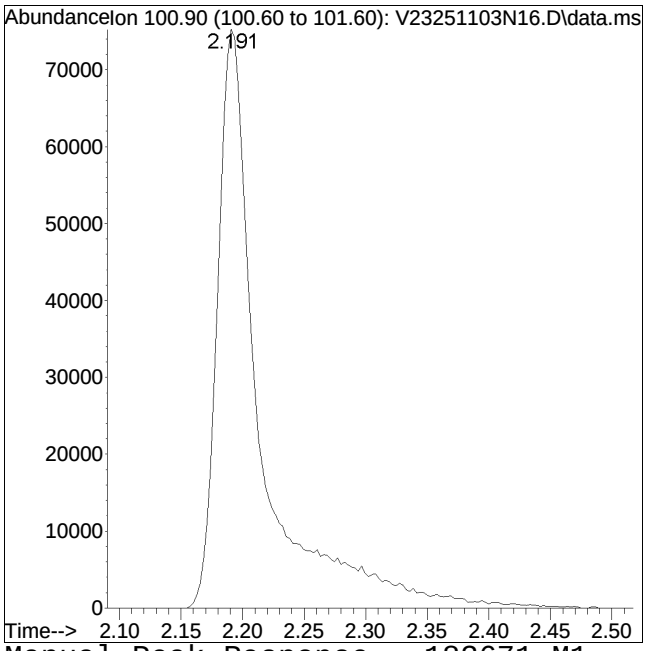
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N16.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 1:29 am Instrument : VOA123
Sample : C8260STD40PPB Quant Date : 11/4/2025 12:37 pm

Compound #7: Trichlorofluoromethane



Original Peak Response = 170020



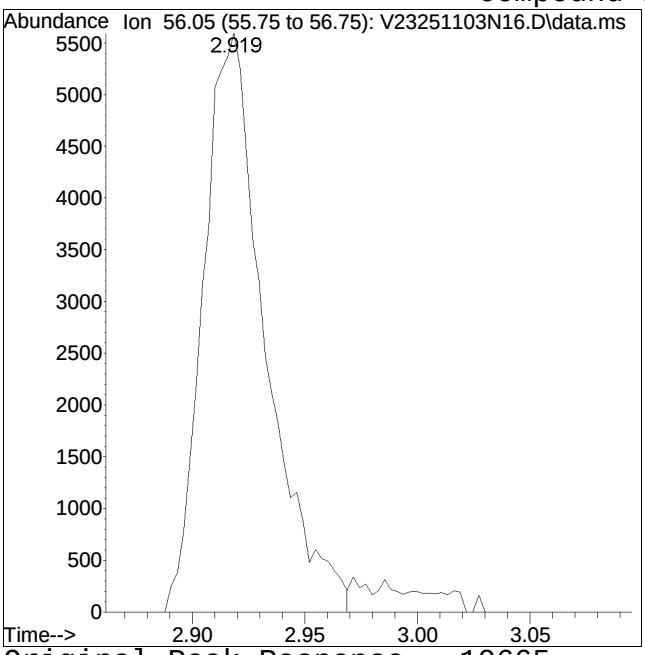
Manual Peak Response = 183671 M1

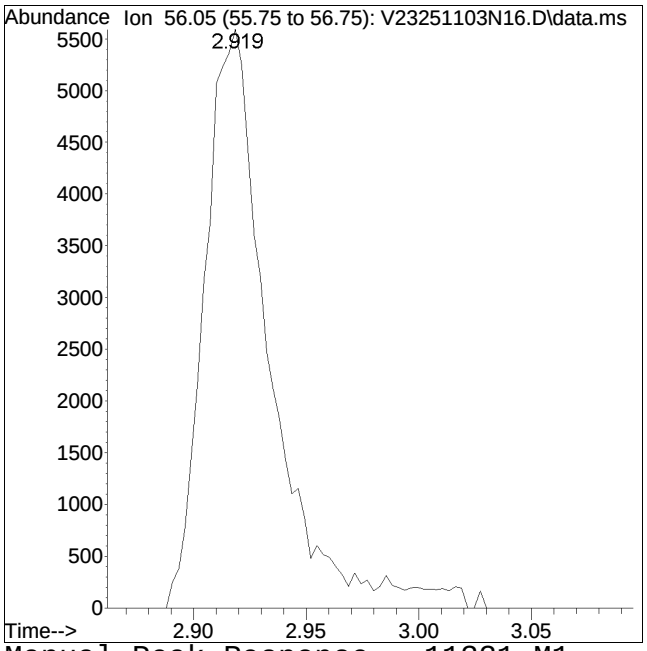
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N16.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 1:29 am Instrument : VOA123
Sample : C8260STD40PPB Quant Date : 11/4/2025 12:37 pm

Compound #14: Acrolein



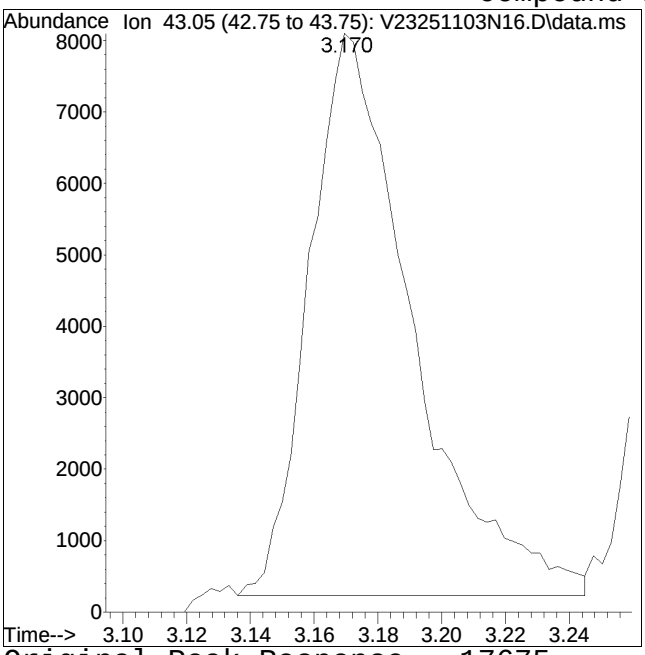


Original Peak Response = 10665 Manual Peak Response = 11331 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

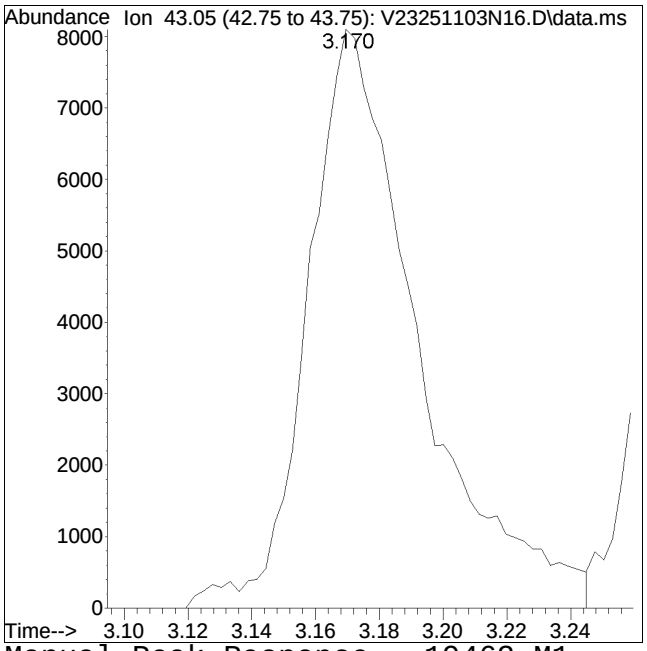
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N16.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 1:29 am Instrument : VOA123
Sample : C8260STD40PPB Quant Date : 11/4/2025 12:37 pm

Compound #17: Acetone



Original Peak Response = 17675



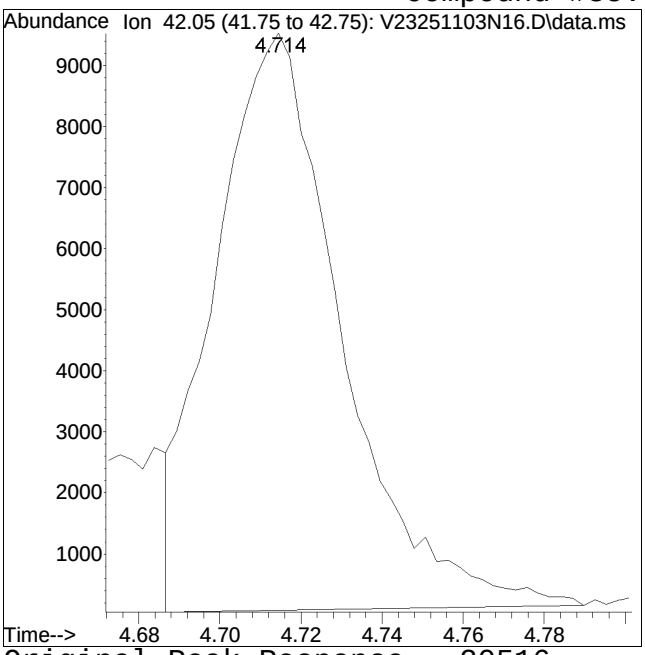
Manual Peak Response = 19462 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

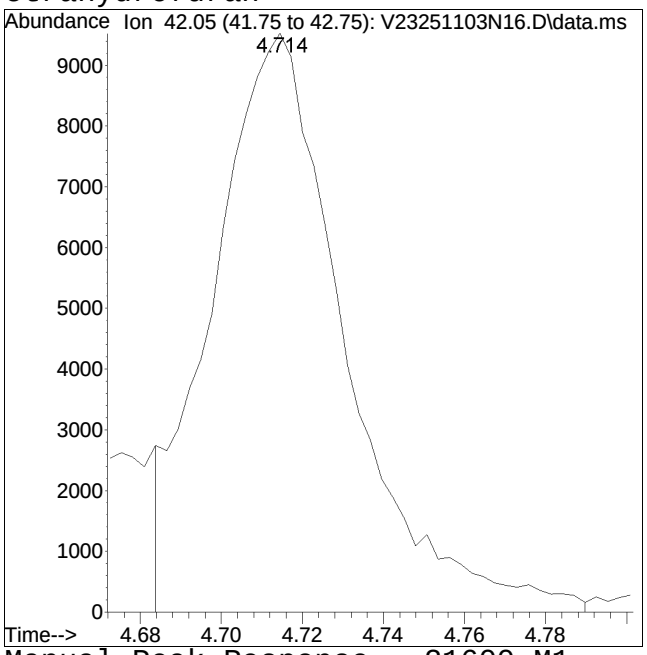
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N16.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 1:29 am Instrument : VOA123
Sample : C8260STD40PPB Quant Date : 11/4/2025 12:37 pm

Compound #35: Tetrahydrofuran



Original Peak Response = 20516



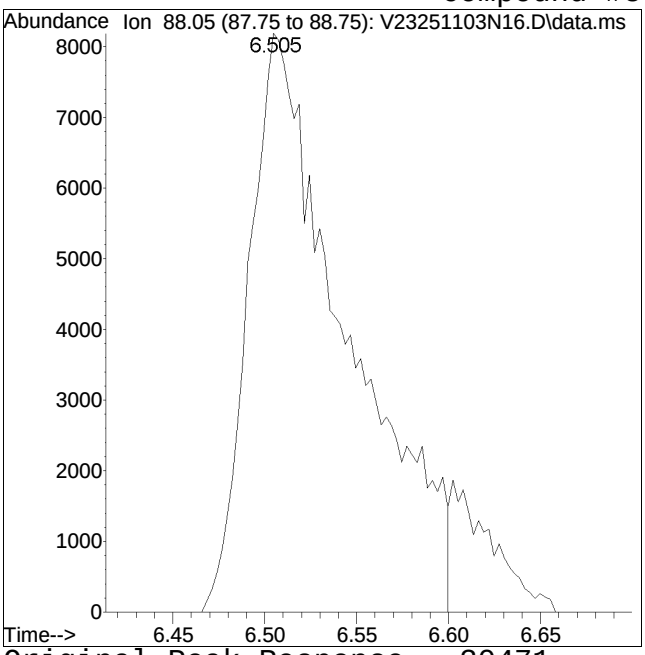
Manual Peak Response = 21600 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

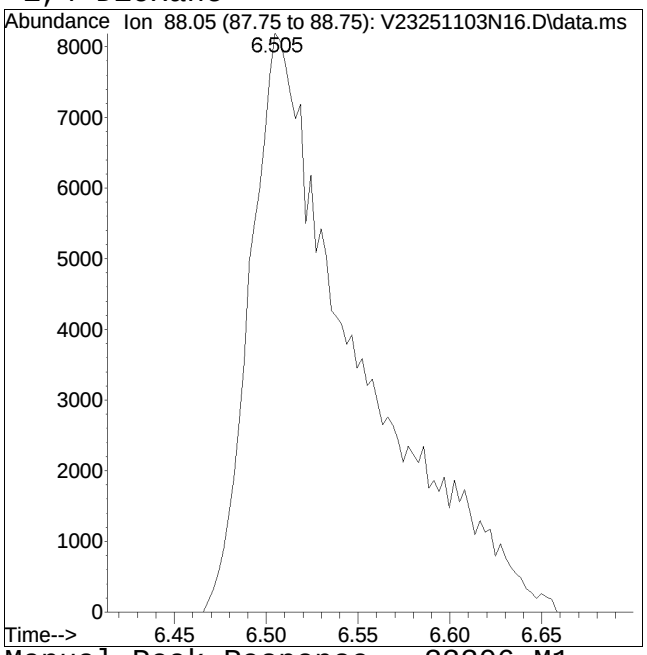
Manual Integration Report

Data Path : K:\VOA123\2025\251103NICALQMethod : V123_251103N_8260.m
Data File : V23251103N16.D Operator : VOA123:AJK
Date Inj'd : 11/4/2025 1:29 am Instrument : VOA123
Sample : C8260STD40PPB Quant Date : 11/4/2025 12:37 pm

Compound #57: 1,4-Dioxane



Original Peak Response = 30471



Manual Peak Response = 33306 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Evaluate Relative Error Report VOA127

Method Path : K:\VOA127\2026\260108ICAL\
Method File : V127_260108A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Jan 15 09:00:10 2026

	COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
5	TP Bromomethane	L	ug/L	40.0	39.237	-1.9	1.00	0.840	-16.0

Calibration Correlation Report

	COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
5	TP Bromomethane	Linear	0.998809	0.000000	0.155538	0.00667931

Response Factor Report VOA104

Method Path : K:\VOA104\2025\251119ICAL\
Method File : V104_251119A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Nov 20 07:58:49 2025
Response Via : Initial Calibration

Calibration Files
0.5 =V04251119A02.D 1.0 =V04251119A04.D 2.0 =V04251119A06.D 4.0 =V04251119A08.D 20 =V04251119A09.D
40 =V04251119A10.D 100 =V04251119A11.D 200 =V04251119A12.D 300 =V04251119A13.D

		Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------										
2)	TP	Dichlorodifluo...	0.290	0.365	0.399	0.346	0.354	0.367	0.394	0.400	0.365		10.01
3)	TP	Chloromethane	0.359	0.408	0.403	0.353	0.366	0.360	0.379	0.373	0.375		5.47
4)	TP	Vinyl chloride	0.257	0.385	0.410	0.357	0.373	0.375	0.396	0.387	0.368		12.92
5)	TP	Bromomethane	0.150	0.184	0.212	0.191	0.210	0.221	0.241	0.243	0.206		14.99
6)	TP	Chloroethane	0.218	0.263	0.253	0.220	0.229	0.212	0.181	0.128	0.213		20.00
7)	TP	Trichlorofluor...	0.264	0.436	0.502	0.432	0.450	0.453	0.471	0.474	0.435		16.73
8)	TP	Ethyl ether	0.132	0.135	0.130	0.129	0.137	0.138	0.144	0.143	0.136		3.95
10)	TP	1,1-Dichloroet...	0.197	0.263	0.279	0.242	0.251	0.251	0.259	0.256	0.250		9.57
11)	TP	Carbon disulfide	0.853	1.033	1.037	0.872	0.895	0.877	0.892	0.868	0.916		8.18
12)	TP	Freon-113	0.145	0.246	0.281	0.252	0.262	0.258	0.270	0.265	0.247		17.21
14)	TP	Acrolein			0.031	0.023	0.025	0.026	0.026	0.027	0.026		10.77
15)	TP	Methylene chlo...	0.403	0.359	0.322	0.281	0.290	0.285	0.290	0.284	0.314		14.19
17)	TP	Acetone	0.298	0.184	0.143	0.091	0.098	0.089	0.100	0.092	*L		0.9971
18)	TP	trans-1,2-Dich...	0.247	0.304	0.305	0.271	0.277	0.276	0.282	0.275	0.280		6.70
19)	TP	Methyl acetate			0.089	0.095	0.106	0.108	0.115	0.115	0.105		10.20
20)	TP	Methyl tert-bu...	0.680	0.714	0.689	0.669	0.711	0.691	0.702	0.691	0.693		2.18
21)	TP	tert-Butyl alc...	0.025	0.024	0.026	0.021	0.024	0.022	0.022	0.023	0.023		6.99
22)	TP	Diisopropyl ether	0.796	0.915	0.879	0.848	0.895	0.877	0.893	0.865	0.871		4.16
23)	TP	1,1-Dichloroet...	0.442	0.571	0.579	0.520	0.532	0.515	0.524	0.508	0.524		8.03
24)	TP	Halothane	0.170	0.230	0.242	0.214	0.223	0.216	0.222	0.219	0.217		9.61
25)	TP	Acrylonitrile		0.054	0.053	0.049	0.056	0.056	0.058	0.059	0.055		6.42
26)	TP	Ethyl tert-but...	0.761	0.822	0.815	0.795	0.845	0.815	0.836	0.816	0.813		3.16
27)	TP	Vinyl acetate			0.442	0.488	0.532	0.521	0.514	0.522	0.503		6.65
28)	TP	cis-1,2-Dichlo...	0.332	0.341	0.336	0.301	0.310	0.303	0.305	0.301	0.316		5.39
29)	TP	2,2-Dichloropr...	0.359	0.500	0.486	0.415	0.431	0.419	0.425	0.415	0.431		10.23
30)	TP	Bromochloromet...	0.157	0.158	0.160	0.142	0.146	0.141	0.139	0.135	0.147		6.49
31)	TP	Cyclohexane	0.334	0.474	0.482	0.410	0.429	0.415	0.434	0.430	0.426		10.68
32)	TP	Chloroform	0.937	0.837	0.676	0.515	0.514	0.486	0.491	0.478	*L		0.9996
33)	TP	Ethyl acetate			0.153	0.159	0.175	0.175	0.182	0.185	0.172		7.45
34)	TP	Carbon tetrach...	0.299	0.429	0.457	0.395	0.411	0.400	0.412	0.411	0.402		11.36

Method Path : K:\VOA104\2025\251119ICAL\
Method File : V104_251119A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Nov 20 07:58:49 2025
Response Via : Initial Calibration

Calibration Files
0.5 =V04251119A02.D 1.0 =V04251119A04.D 2.0 =V04251119A06.D 4.0 =V04251119A08.D 20 =V04251119A09.D
40 =V04251119A10.D 100 =V04251119A11.D 200 =V04251119A12.D 300 =V04251119A13.D

		Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
35)	TP	Tetrahydrofuran		0.065	0.064	0.059	0.060	0.065	0.062	0.064	0.064	0.063	3.26
36)	S	Dibromofluorom...	0.294	0.295	0.296	0.297	0.287	0.287	0.281	0.274	0.271	0.287	3.34
37)	TP	1,1,1-Trichlor...	0.278	0.408	0.487	0.496	0.419	0.425	0.412	0.421	0.414	0.418	14.82
39)	TP	2-Butanone				0.042	0.064	0.074	0.073	0.078	0.079	*L	0.9993
40)	TP	1,1-Dichloropr...	0.227	0.251	0.372	0.391	0.339	0.345	0.339	0.354	0.349	0.330	16.54
41)	TP	Benzene	0.742	0.891	1.104	1.066	0.986	1.021	0.997	1.029	1.004	0.982	10.93
42)	TP	tert-Amyl meth...		0.656	0.703	0.693	0.655	0.691	0.675	0.698	0.689	0.683	2.70
43)	S	1,2-Dichloroet...	0.258	0.266	0.269	0.265	0.245	0.251	0.246	0.247	0.246	0.255	3.89
44)	TP	1,2-Dichloroet...		0.345	0.360	0.368	0.335	0.348	0.337	0.347	0.343	0.348	3.16
47)	TP	Methyl cyclohe...		0.229	0.449	0.456	0.391	0.424	0.421	0.459	0.462	0.411	18.89
48)	TP	Trichloroethene	0.150	0.211	0.268	0.325	0.269	0.280	0.278	0.289	0.283	0.261	19.57
50)	TP	Dibromomethane		0.184	0.173	0.171	0.155	0.165	0.164	0.172	0.173	0.170	4.97
51)	TP	1,2-Dichloropr...		0.268	0.295	0.291	0.277	0.286	0.282	0.293	0.287	0.285	3.18
53)	TP	2-Chloroethyl ...			0.118	0.138	0.137	0.152	0.152	0.160	0.162	0.146	10.65
54)	TP	Bromodichlorom...	0.293	0.353	0.449	0.431	0.380	0.398	0.391	0.404	0.396	0.388	11.60
57)	TP	1,4-Dioxane		0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	*L	0.9995
58)	TP	cis-1,3-Dichlo...	0.254	0.374	0.434	0.448	0.427	0.453	0.451	0.470	0.462	0.419	16.22
59)	I	Chlorobenzene-d5	----------ISTD----------										
60)	S	Toluene-d8	1.293	1.298	1.312	1.316	1.295	1.295	1.280	1.247	1.235	1.286	2.16
61)	TP	Toluene		0.846	1.004	0.916	0.797	0.832	0.809	0.825	0.800	0.854	8.40
62)	TP	4-Methyl-2-pen...			0.093	0.093	0.091	0.096	0.092	0.094	0.095	0.094	1.79
63)	TP	Tetrachloroethene	0.185	0.274	0.408	0.411	0.378	0.397	0.396	0.414	0.407	*L	0.9996
65)	TP	trans-1,3-Dich...		0.398	0.451	0.488	0.464	0.487	0.474	0.477	0.466	0.463	6.29
67)	TP	Ethyl methacry...			0.363	0.385	0.326	0.348	0.337	0.341	0.336	0.348	5.76
68)	TP	1,1,2-Trichlor...		0.302	0.295	0.270	0.231	0.237	0.228	0.232	0.230	0.253	12.31
69)	TP	Chlorodibromom...	0.313	0.377	0.420	0.424	0.391	0.405	0.393	0.403	0.399	0.391	8.37
70)	TP	1,3-Dichloropr...		0.434	0.457	0.473	0.433	0.451	0.435	0.442	0.436	0.445	3.23
71)	TP	1,2-Dibromoethane	0.204	0.284	0.285	0.299	0.276	0.295	0.286	0.291	0.290	0.279	10.39
72)	TP	2-Hexanone				0.147	0.146	0.161	0.162	0.168	0.171	0.159	6.66
73)	TP	Chlorobenzene	0.724	0.891	1.042	1.059	0.954	0.990	0.977	1.006	0.980	0.958	10.48
74)	TP	Ethylbenzene		1.281	1.704	1.668	1.492	1.586	1.526	1.528	1.472	1.532	8.52

Method Path : K:\VOA104\2025\251119ICAL\
Method File : V104_251119A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Nov 20 07:58:49 2025
Response Via : Initial Calibration

Calibration Files
0.5 =V04251119A02.D 1.0 =V04251119A04.D 2.0 =V04251119A06.D 4.0 =V04251119A08.D 20 =V04251119A09.D
40 =V04251119A10.D 100 =V04251119A11.D 200 =V04251119A12.D 300 =V04251119A13.D

		Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
75)	TP	1,1,1,2-Tetrac...	0.270	0.359	0.395	0.412	0.372	0.383	0.367	0.367	0.356	0.365	10.85
76)	TP	p/m Xylene	0.422	0.527	0.683	0.660	0.581	0.604	0.585	0.595	0.578	0.582	12.96
77)	TP	o Xylene	0.433	0.540	0.675	0.655	0.591	0.615	0.595	0.611	0.595	0.590	11.95
78)	TP	Styrene	0.781	0.883	1.064	1.053	0.961	0.994	0.960	0.966	0.932	0.955	9.00
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
80)	TP	Bromoform		0.448	0.489	0.507	0.464	0.476	0.455	0.468	0.471	0.472	3.96
82)	TP	Isopropylbenzene		2.286	3.198	2.972	2.788	2.907	2.869	3.039	2.987	2.881	9.36
83)	S	4-Bromofluorob...	0.839	0.845	0.848	0.847	0.872	0.866	0.868	0.885	0.886	0.862	2.06
84)	TP	Bromobenzene		0.687	0.813	0.814	0.781	0.814	0.813	0.860	0.857	0.805	6.72
85)	TP	n-Propylbenzene		2.552	3.594	3.407	3.210	3.370	3.330	3.478	3.376	3.290	9.67
86)	TP	1,4-Dichlorobu...		0.925	0.849	0.892	0.835	0.858	0.818	0.839	0.823	0.855	4.29
87)	TP	1,1,2,2-Tetrac...	0.622	0.805	0.708	0.731	0.609	0.635	0.614	0.637	0.651	0.668	9.91
88)	TP	4-Ethyltoluene		2.241	3.025	2.833	2.658	2.785	2.751	2.875	2.799	2.746	8.36
89)	TP	2-Chlorotoluene		1.644	2.161	2.088	1.947	1.992	1.910	1.992	1.962	1.962	7.74
90)	TP	1,3,5-Trimethy...		1.936	2.605	2.489	2.303	2.413	2.355	2.459	2.407	2.371	8.34
91)	TP	1,2,3-Trichlor...		0.479	0.490	0.499	0.440	0.451	0.432	0.452	0.456	0.462	5.22
92)	TP	trans-1,4-Dich...			0.227	0.206	0.165	0.169	0.160	0.166	0.172	0.181	14.08
93)	TP	4-Chlorotoluene		1.669	2.054	2.178	1.931	2.000	1.981	2.077	2.040	1.991	7.51
94)	TP	tert-Butylbenzene		1.576	2.246	2.136	1.984	2.094	2.071	2.206	2.173	2.061	10.29
97)	TP	1,2,4-Trimethy...		2.121	2.584	2.463	2.288	2.401	2.379	2.471	2.406	2.389	5.77
98)	TP	sec-Butylbenzene		2.110	3.304	3.246	2.932	3.117	3.075	3.225	3.148	3.020	12.76
99)	TP	p-Isopropyltol...		1.874	2.897	2.710	2.527	2.674	2.664	2.813	2.729	2.611	12.14
100)	TP	1,3-Dichlorobe...		1.217	1.489	1.458	1.372	1.440	1.423	1.487	1.449	1.417	6.28
101)	TP	1,4-Dichlorobe...		1.403	1.600	1.553	1.387	1.436	1.440	1.496	1.470	1.473	5.00
102)	TP	p-Diethylbenzene		1.199	1.762	1.567	1.449	1.575	1.600	1.697	1.659	1.564	11.18
103)	TP	n-Butylbenzene		1.865	2.654	2.379	2.196	2.387	2.337	2.443	2.371	2.329	9.73
104)	TP	1,2-Dichlorobe...		1.230	1.389	1.434	1.309	1.366	1.354	1.413	1.391	1.361	4.79
105)	TP	1,2,4,5-Tetram...		1.938	2.522	2.362	2.245	2.476	2.576	2.688	2.614	2.428	10.01
106)	TP	1,2-Dibromo-3-...		0.093	0.103	0.120	0.100	0.111	0.111	0.116	0.119	0.109	8.76
107)	TP	1,3,5-Trichlor...		0.869	1.185	1.101	1.018	1.105	1.140	1.161	1.112	1.086	9.30
108)	TP	Hexachlorobuta...		0.360	0.618	0.580	0.528	0.579	0.581	0.600	0.580	0.553	14.85

Method Path : K:\VOA104\2025\251119ICAL\
Method File : V104_251119A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Nov 20 07:58:49 2025
Response Via : Initial Calibration

Calibration Files
0.5 =V04251119A02.D 1.0 =V04251119A04.D 2.0 =V04251119A06.D 4.0 =V04251119A08.D 20 =V04251119A09.D
40 =V04251119A10.D 100 =V04251119A11.D 200 =V04251119A12.D 300 =V04251119A13.D

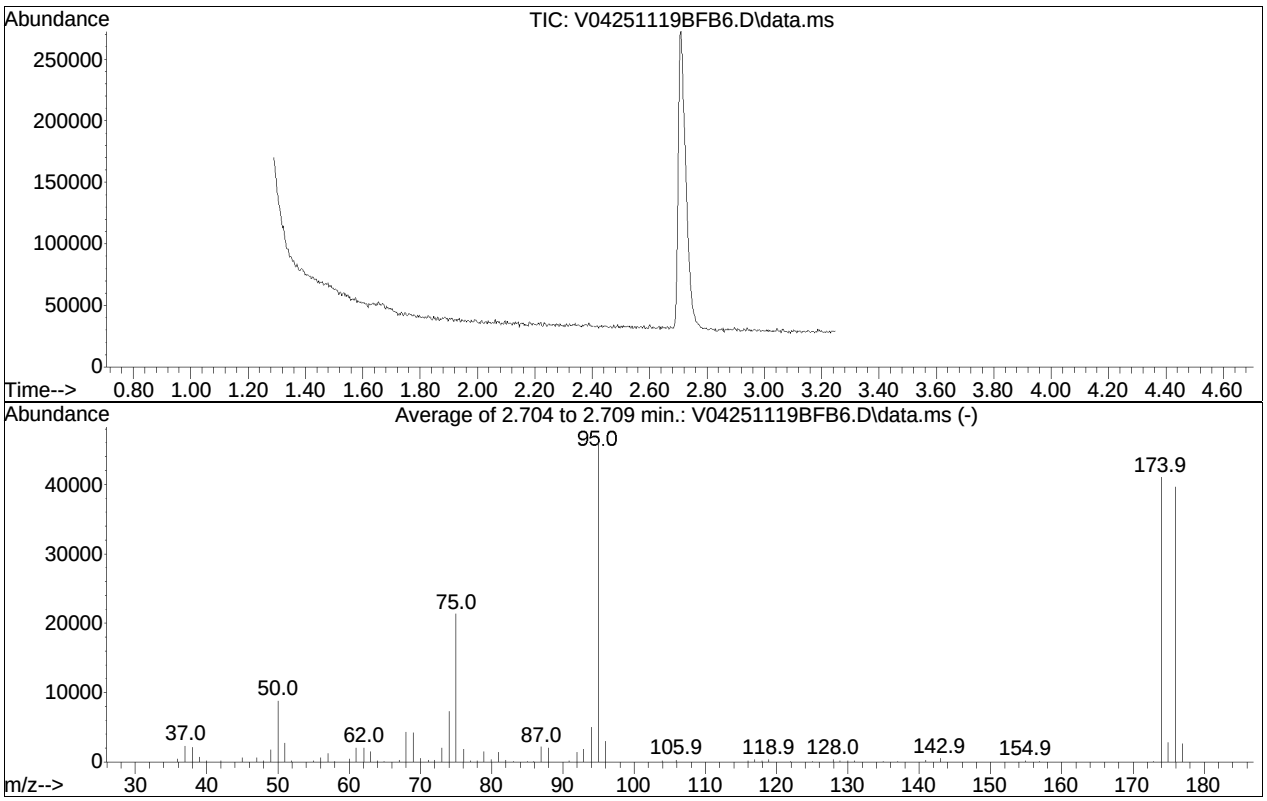
	Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
109) TP	1,2,4-Trichlor...	0.785	0.944	0.923	0.844	0.925	0.935	0.930	0.891	0.897		6.21
110) TP	Naphthalene	1.588	1.641	1.635	1.414	1.598	1.669	1.715	1.709	1.621		5.90
111) TP	1,2,3-Trichlor...	0.660	0.788	0.785	0.714	0.772	0.802	0.786	0.757	0.758		6.33

(#) = Out of Range

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119BFB6.D
Acq On : 19 Nov 2025 5:45 pm
Operator : VOA104:JFI
Sample : WG2144251-1
Misc : WG2144251,ICAL
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Nov 20 07:58:49 2025



Spectrum Information: Average of 2.704 to 2.709 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.2	8828	PASS
75	95	30	60	46.5	21395	PASS
95	95	100	100	100.0	46028	PASS
96	95	5	9	6.5	2997	PASS
173	174	0.00	2	0.3	134	PASS
174	95	50	100	89.3	41093	PASS
175	174	5	9	7.0	2887	PASS
176	174	95	101	96.4	39616	PASS
177	176	5	9	6.7	2636	PASS

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A02.D
Acq On : 19 Nov 2025 6:33 pm
Operator : VOA104:JIC
Sample : I8260STD0.5PPB
Misc : WG2144251,ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 20 07:32:46 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-L0_OH - Level 0.5ppb for Soils OH

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.382	96	312341	20.000	ug/L	0.00
Standard Area 1 = 299397			Recovery = 104.32%			
59) Chlorobenzene-d5	8.838	117	242931	20.000	ug/L	0.00
Standard Area 1 = 232239			Recovery = 104.60%			
79) 1,4-Dichlorobenzene-d4	11.674	152	138186	20.000	ug/L	0.00
Standard Area 1 = 124245			Recovery = 111.22%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.612	113	91731	20.450	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.25%			
43) 1,2-Dichloroethane-d4	5.110	65	80621	20.582	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.91%			
60) Toluene-d8	7.024	98	314229	19.973	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.86%			
83) 4-Bromofluorobenzene	10.395	95	115874	19.372	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.86%			
Target Compounds						Qvalue
37) 1,1,1-Trichloroethane	4.622	97	2168	0.326	ug/L	98
40) 1,1-Dichloropropene	4.748	75	1769	0.329	ug/L #	73
41) Benzene	4.979	78	5795	0.363	ug/L #	93
48) Trichloroethene	5.561	95	1169	0.268	ug/L	90
54) Bromodichloromethane	6.164	83	2290	0.368	ug/L #	65
58) cis-1,3-Dichloropropene	6.845	75	1984	0.281	ug/L #	44
63) Tetrachloroethene	7.527	166	1125	0.233	ug/L #	70
69) Chlorodibromomethane	7.967	129	1901	0.387	ug/L	87
71) 1,2-Dibromoethane	8.240	107	1237	0.345	ug/L #	61
73) Chlorobenzene	8.859	112	4396	0.366	ug/L #	62
75) 1,1,1,2-Tetrachloroethane	8.948	131	1642	0.353	ug/L #	66
76) p/m Xylene	9.105	106	5129	0.699	ug/L	91
77) o Xylene	9.635	106	5255	0.703	ug/L	97
78) Styrene	9.734	104	9490M1	0.786	ug/L	
87) 1,1,2,2-Tetrachloroethane	10.688	83	2150M6	0.490	ug/L	

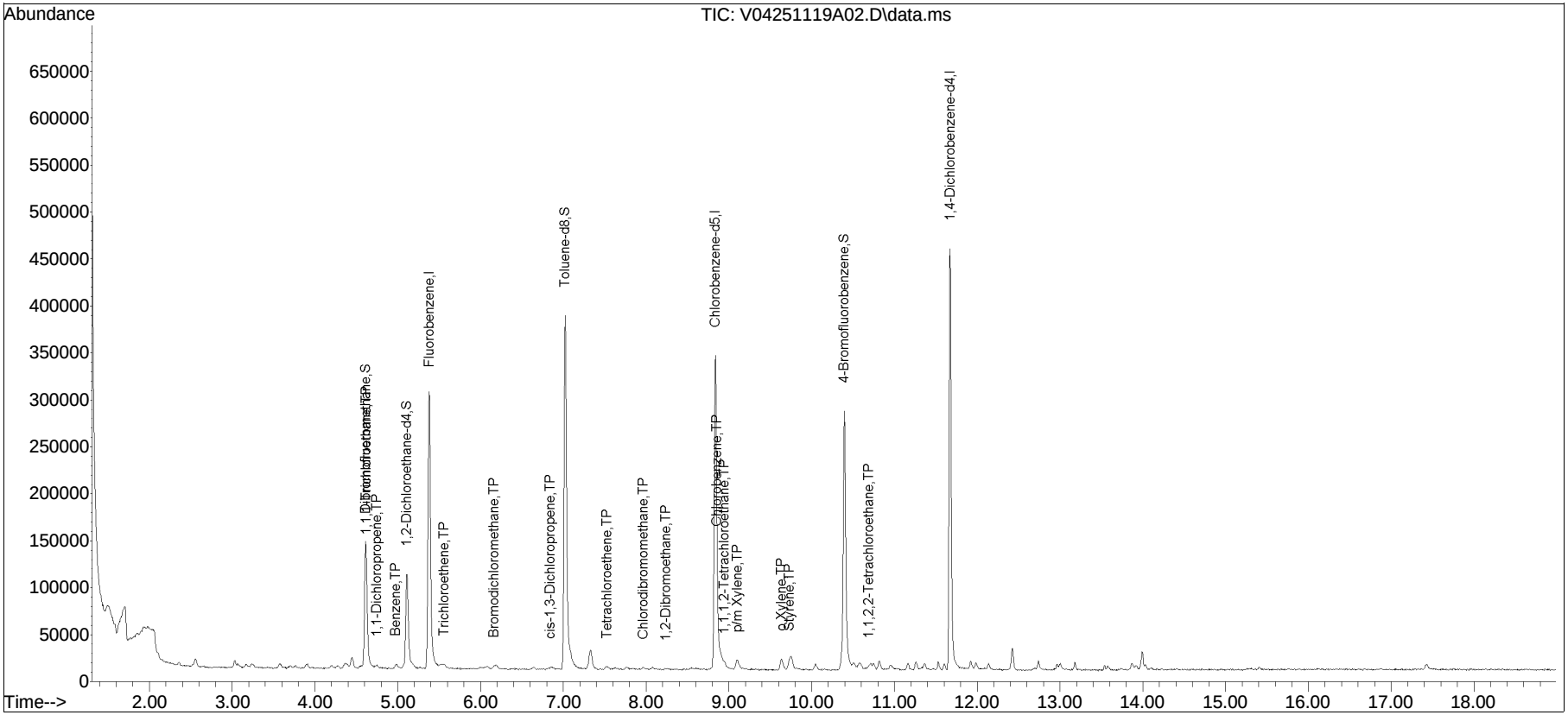
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A02.D
Acq On : 19 Nov 2025 6:33 pm
Operator : VOA104:JIC
Sample : I8260STD0.5PPB
Misc : WG2144251,ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 20 07:32:46 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

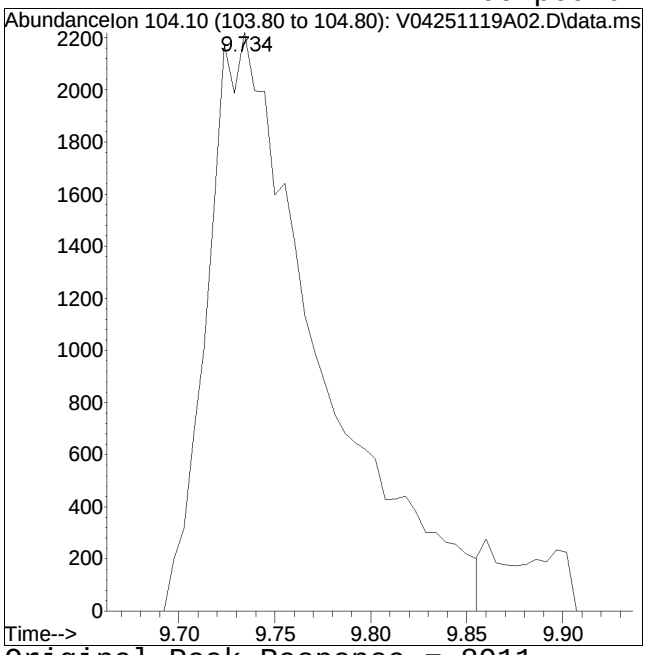
Sub List : 8260-L0_OH - Level 0.5ppb for Soils OH9A10.D•

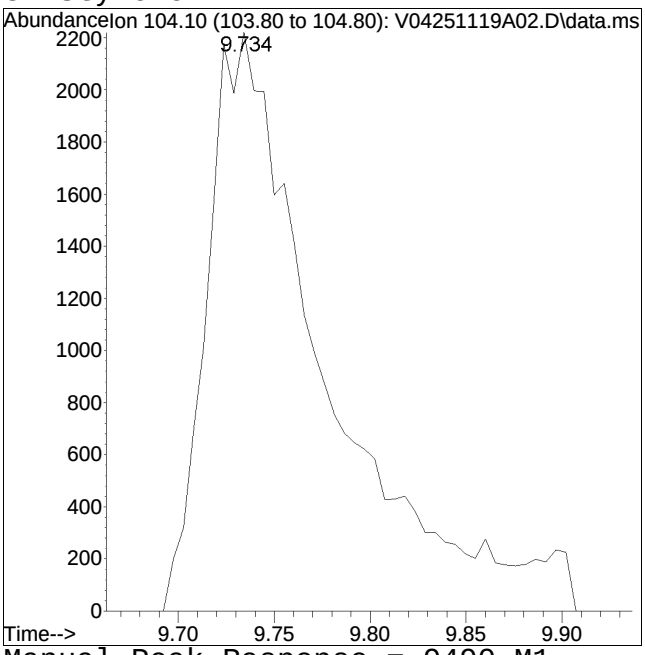


Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A02.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 6:33 pm Instrument : VOA104
Sample : I8260STD0.5PPB Quant Date : 11/20/2025 7:24 am

Compound #78: Styrene



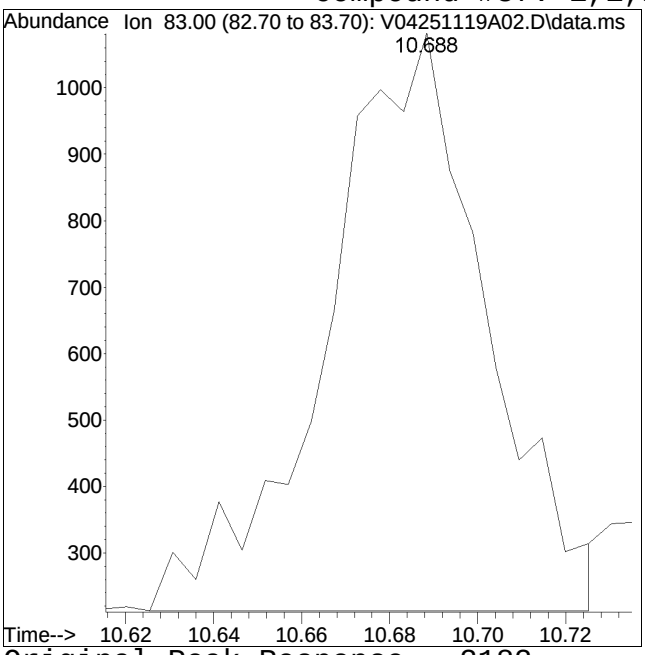


Original Peak Response = 8911 Manual Peak Response = 9490 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

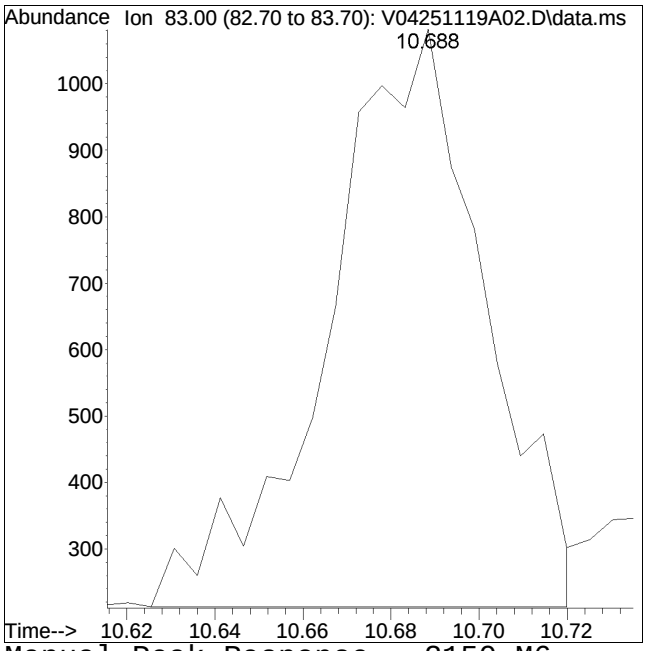
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A02.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 6:33 pm Instrument : VOA104
Sample : I8260STD0.5PPB Quant Date : 11/20/2025 7:24 am

Compound #87: 1,1,2,2-Tetrachloroethane



Original Peak Response = 2182



Manual Peak Response = 2150 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A04.D
Acq On : 19 Nov 2025 7:25 pm
Operator : VOA104:JIC
Sample : I8260STD1.0PPB
Misc : WG2144251,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 20 07:37:23 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.377	96	312880	20.000 ug/L	0.00
Standard Area 1 = 299397			Recovery = 104.50%		
59) Chlorobenzene-d5	8.838	117	238742	20.000 ug/L	0.00
Standard Area 1 = 232239			Recovery = 102.80%		
79) 1,4-Dichlorobenzene-d4	11.674	152	136336	20.000 ug/L	0.00
Standard Area 1 = 124245			Recovery = 109.73%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.612	113	92254	20.531 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.65%		
43) 1,2-Dichloroethane-d4	5.110	65	83341	21.240 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.20%		
60) Toluene-d8	7.024	98	309820	20.038 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.19%		
83) 4-Bromofluorobenzene	10.395	95	115146	19.511 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.55%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.408	85	4536M1	0.818 ug/L	
3) Chloromethane	1.571	50	5610	0.979 ug/L	93
4) Vinyl chloride	1.629	62	4016	0.687 ug/L	83
5) Bromomethane	1.886	94	2349	0.716 ug/L	95
6) Chloroethane	1.985	64	3412M6	0.953 ug/L	
7) Trichlorofluoromethane	2.100	101	4130	0.587 ug/L	89
8) Ethyl ether	2.357	74	2068	0.965 ug/L	83
10) 1,1-Dichloroethene	2.530	96	3081	0.786 ug/L	83
11) Carbon disulfide	2.557	76	13337	0.952 ug/L	91
12) Freon-113	2.557	101	2275	0.555 ug/L #	1
14) Acrolein	0.000		0	N.D. d	
15) Methylene chloride	3.029	84	6301	1.387 ug/L	86
17) Acetone	3.076	43	4665	3.041 ug/L	92
18) trans-1,2-Dichloroethene	3.175	96	3862	0.891 ug/L	81
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	3.249	73	10632	0.956 ug/L	93
21) tert-Butyl alcohol	3.343	59	1990	5.365 ug/L #	71
22) Diisopropyl ether	3.579	45	12456	0.890 ug/L	91
23) 1,1-Dichloroethane	3.705	63	6913	0.831 ug/L	88
24) Halothane	3.763	117	2666	0.765 ug/L	94
25) Acrylonitrile	0.000		0	N.D. d	

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A04.D
Acq On : 19 Nov 2025 7:25 pm
Operator : VOA104:JIC
Sample : I8260STD1.0PPB
Misc : WG2144251,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 20 07:37:23 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	3.899	59	11911	0.901	ug/L	#	70
27) Vinyl acetate	0.000		0	N.D.	d		
28) cis-1,2-Dichloroethene	4.198	96	5187M1	1.071	ug/L		
29) 2,2-Dichloropropane	4.282	77	5614M3	0.833	ug/L		
30) Bromochloromethane	4.376	128	2458	1.079	ug/L		83
31) Cyclohexane	4.355	56	5222	0.778	ug/L		91
32) Chloroform	4.449	83	14658	1.824	ug/L		94
33) Ethyl acetate	0.000		0	N.D.	d		
34) Carbon tetrachloride	4.554	117	4683	0.729	ug/L	#	92
35) Tetrahydrofuran	4.591	42	1014M6	1.095	ug/L		
37) 1,1,1-Trichloroethane	4.622	97	6386M1	0.960	ug/L		
39) 2-Butanone	0.000		0	N.D.	d		
40) 1,1-Dichloropropene	4.743	75	3927	0.729	ug/L		95
41) Benzene	4.984	78	13938	0.873	ug/L		94
42) tert-Amyl methyl ether	5.079	73	10267	0.950	ug/L		96
44) 1,2-Dichloroethane	5.183	62	5397	0.992	ug/L		94
47) Methyl cyclohexane	5.524	83	3581	0.540	ug/L		99
48) Trichloroethene	5.561	95	3305	0.755	ug/L		93
50) Dibromomethane	6.007	93	2876	1.115	ug/L		85
51) 1,2-Dichloropropane	6.085	63	4188	0.937	ug/L		92
53) 2-Chloroethyl vinyl ether	0.000		0	N.D.	d		
54) Bromodichloromethane	6.169	83	5522	0.886	ug/L	#	74
57) 1,4-Dioxane	6.395	88	515M6	18.565	ug/L		
58) cis-1,3-Dichloropropene	6.845	75	5845M1	0.825	ug/L		
61) Toluene	7.087	92	10097	1.017	ug/L		95
62) 4-Methyl-2-pentanone	0.000		0	N.D.	d		
63) Tetrachloroethene	7.522	166	3270	0.690	ug/L		86
65) trans-1,3-Dichloropropene	7.616	75	4751M6	0.817	ug/L		
67) Ethyl methacrylate	0.000		0	N.D.	d		
68) 1,1,2-Trichloroethane	7.763	83	3609	1.275	ug/L		95
69) Chlorodibromomethane	7.967	129	4495	0.930	ug/L		98
70) 1,3-Dichloropropane	8.078	76	5181	0.961	ug/L		92
71) 1,2-Dibromoethane	8.230	107	3392	0.963	ug/L		83
72) 2-Hexanone	0.000		0	N.D.	d		
73) Chlorobenzene	8.864	112	10640	0.900	ug/L	#	65
74) Ethylbenzene	8.906	91	15292	0.808	ug/L		99
75) 1,1,1,2-Tetrachloroethane	8.948	131	4284	0.937	ug/L		96
76) p/m Xylene	9.100	106	12586	1.746	ug/L		95
77) o Xylene	9.629	106	12903	1.757	ug/L		98
78) Styrene	9.719	104	21070	1.777	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A04.D
Acq On : 19 Nov 2025 7:25 pm
Operator : VOA104:JIC
Sample : I8260STD1.0PPB
Misc : WG2144251,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 20 07:37:23 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	9.740	173	3054	0.940	ug/L		100
82) Isopropylbenzene	10.049	105	15584	0.787	ug/L		98
84) Bromobenzene	10.510	156	4683	0.844	ug/L		97
85) n-Propylbenzene	10.573	91	17396	0.757	ug/L		96
86) 1,4-Dichlorobutane	10.599	55	6307	1.078	ug/L	#	77
87) 1,1,2,2-Tetrachloroethane	10.678	83	5485	1.268	ug/L		94
88) 4-Ethyltoluene	10.710	105	15277	0.805	ug/L		98
89) 2-Chlorotoluene	10.746	91	11205M6	0.825	ug/L		
90) 1,3,5-Trimethylbenzene	10.814	105	13197	0.802	ug/L		99
91) 1,2,3-Trichloropropane	10.814	75	3268	1.063	ug/L		92
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d		
93) 4-Chlorotoluene	10.951	91	11375	0.834	ug/L		96
94) tert-Butylbenzene	11.160	119	10746	0.753	ug/L		91
97) 1,2,4-Trimethylbenzene	11.260	105	14456	0.883	ug/L		98
98) sec-Butylbenzene	11.365	105	14381	0.677	ug/L		99
99) p-Isopropyltoluene	11.527	119	12774	0.701	ug/L		98
100) 1,3-Dichlorobenzene	11.601	146	8295	0.845	ug/L		97
101) 1,4-Dichlorobenzene	11.690	146	9561M3	0.977	ug/L		
102) p-Diethylbenzene	11.921	119	8174M1	0.761	ug/L		
103) n-Butylbenzene	11.989	91	12710M4	0.781	ug/L		
104) 1,2-Dichlorobenzene	12.136	146	8383	0.900	ug/L		96
105) 1,2,4,5-Tetramethylben...	12.739	119	13209	0.783	ug/L		96
106) 1,2-Dibromo-3-chloropr...	12.933	155	637	0.845	ug/L		95
107) 1,3,5-Trichlorobenzene	12.964	180	5921	0.786	ug/L		96
108) Hexachlorobutadiene	13.541	225	2454	0.621	ug/L		97
109) 1,2,4-Trichlorobenzene	13.578	180	5349	0.848	ug/L	#	95
110) Naphthalene	13.871	128	10824M1	0.994	ug/L		
111) 1,2,3-Trichlorobenzene	14.028	180	4500	0.855	ug/L		98

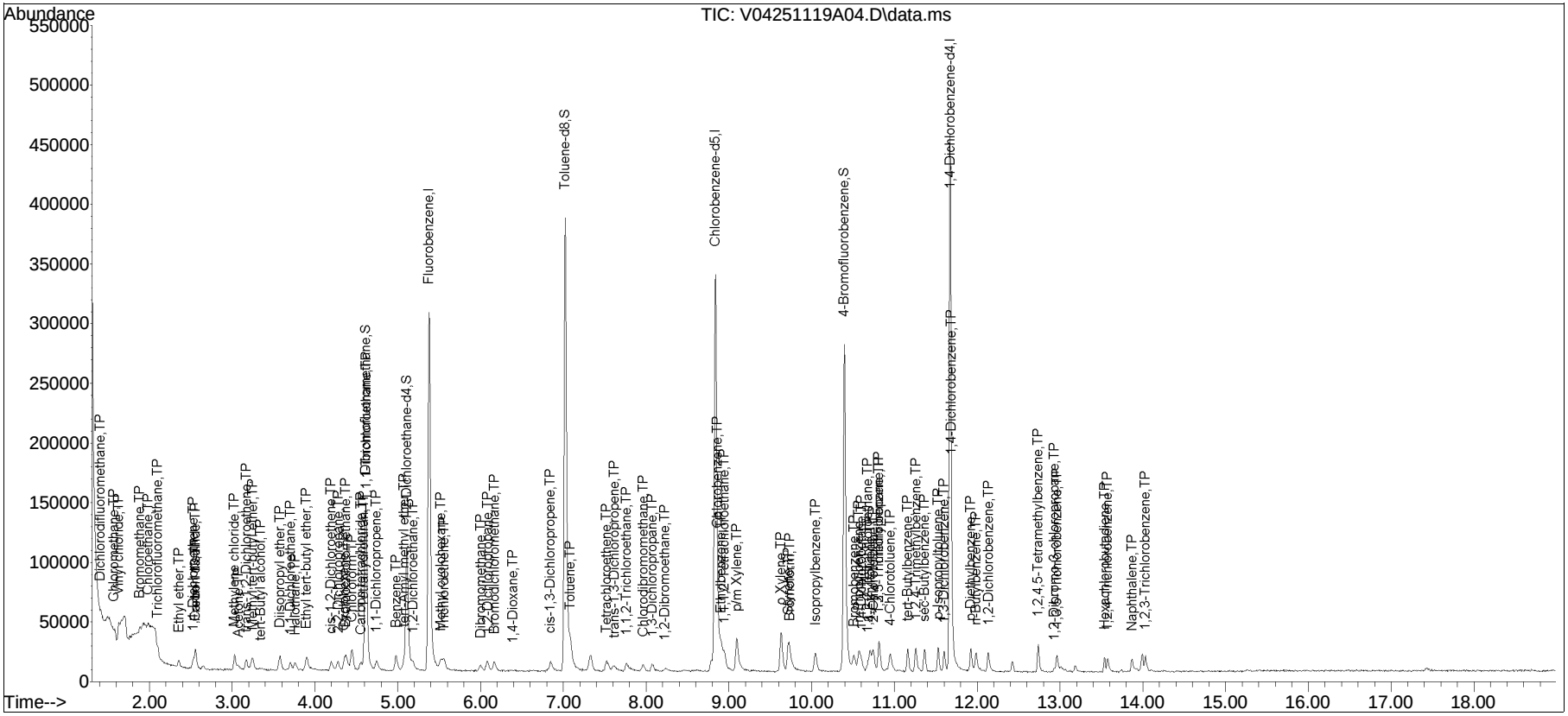
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A04.D
Acq On : 19 Nov 2025 7:25 pm
Operator : VOA104:JIC
Sample : I8260STD1.0PPB
Misc : WG2144251,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 20 07:37:23 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

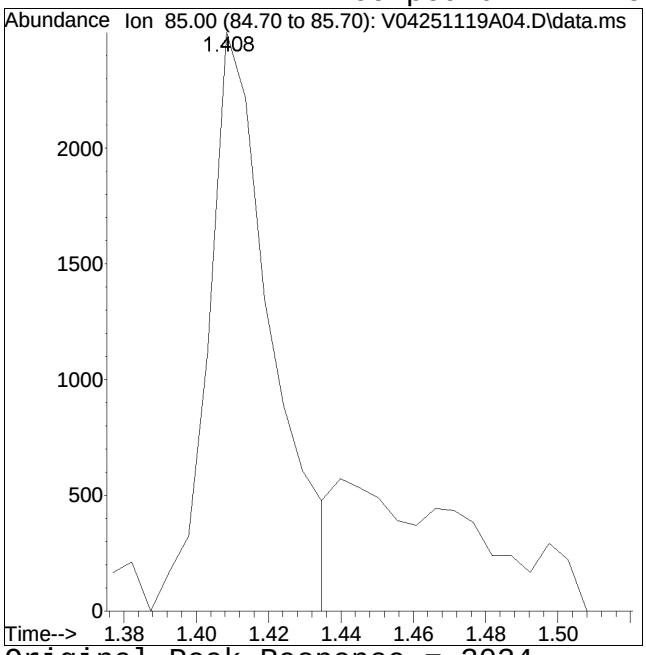
Sub List : 8260-CurveSoil - Megamix plus Diox51119A10.D•

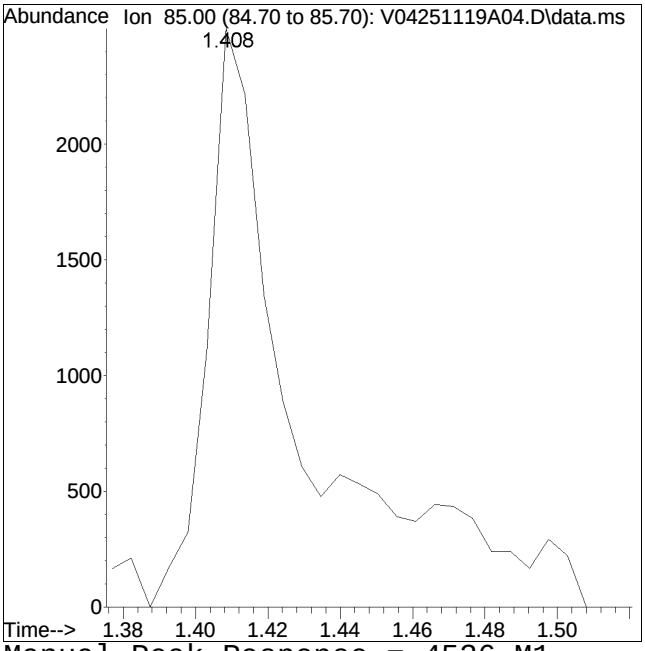


Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #2: Dichlorodifluoromethane



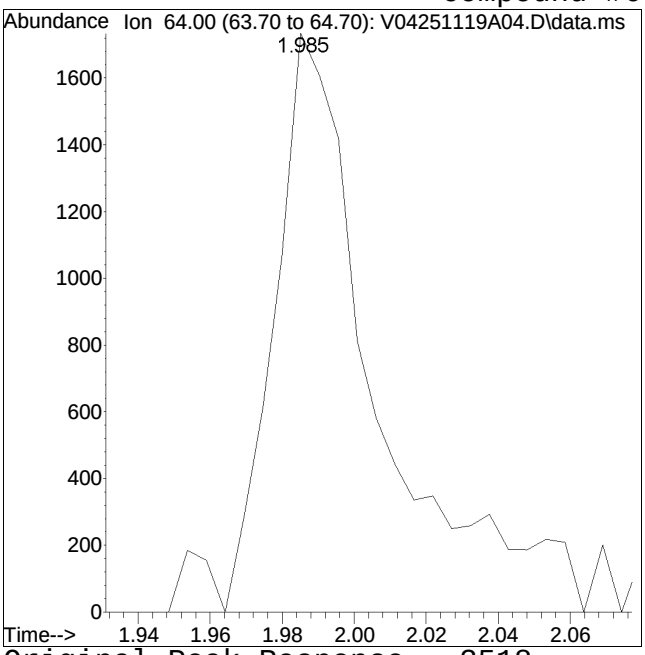


Original Peak Response = 3034 Manual Peak Response = 4536 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

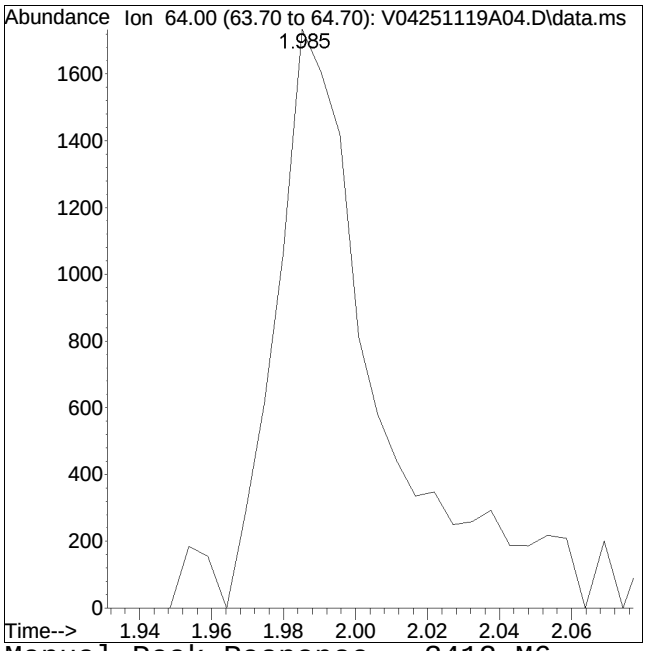
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #6: Chloroethane



Original Peak Response = 3518



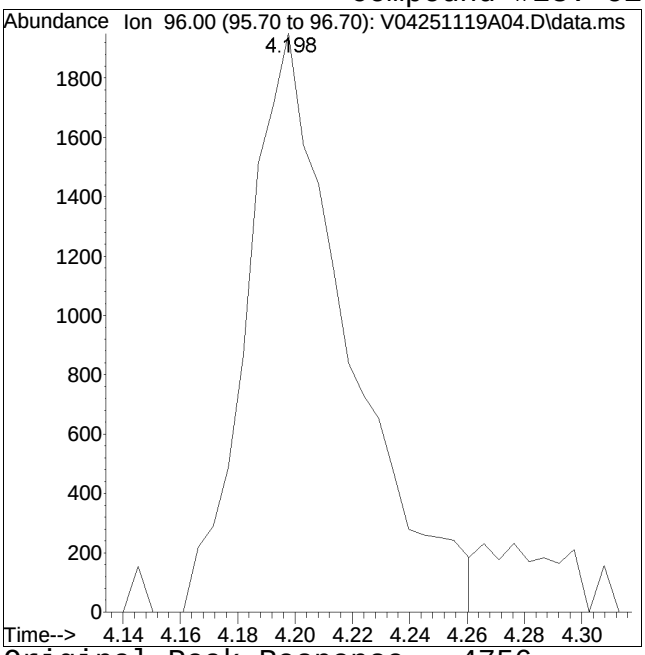
Manual Peak Response = 3412 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

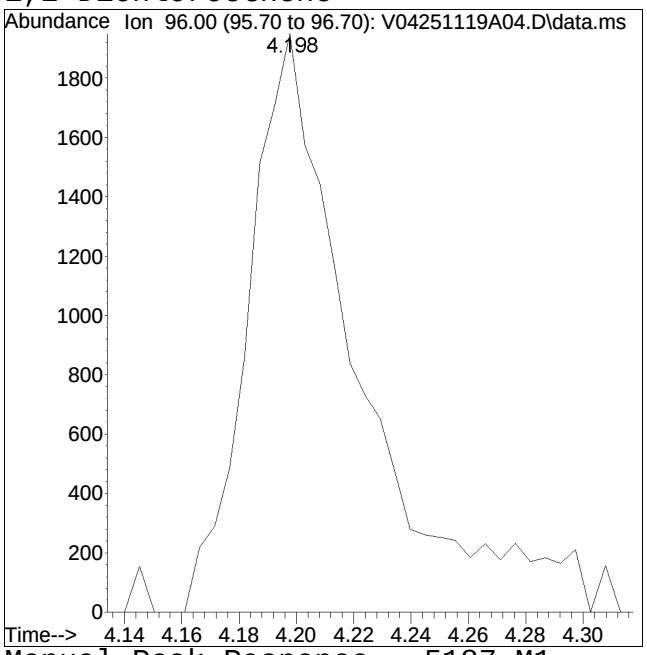
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #28: cis-1,2-Dichloroethene



Original Peak Response = 4756



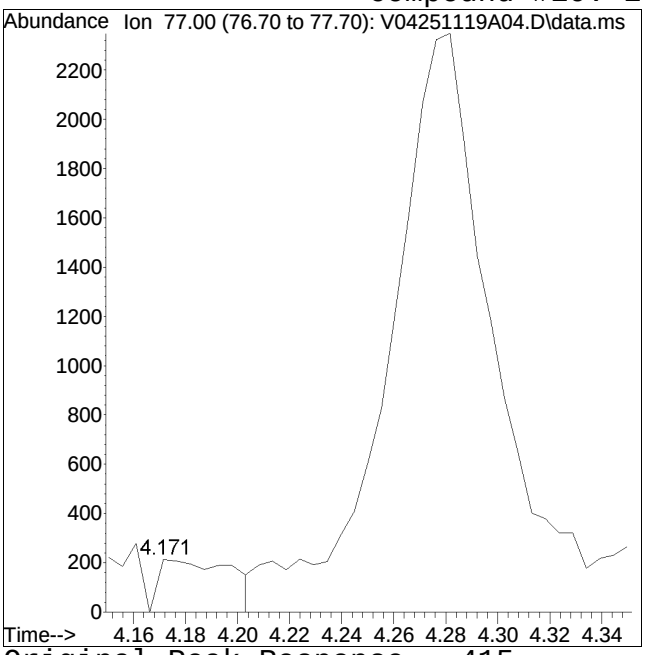
Manual Peak Response = 5187 M1

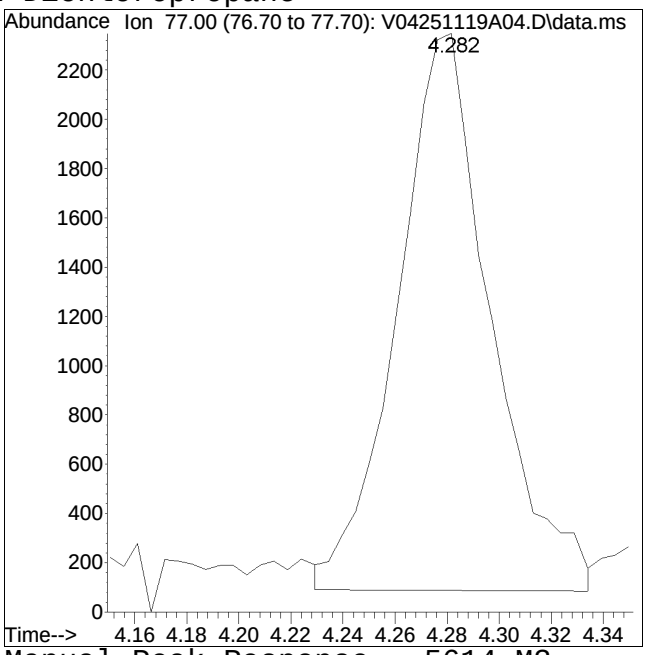
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #29: 2,2-Dichloropropane





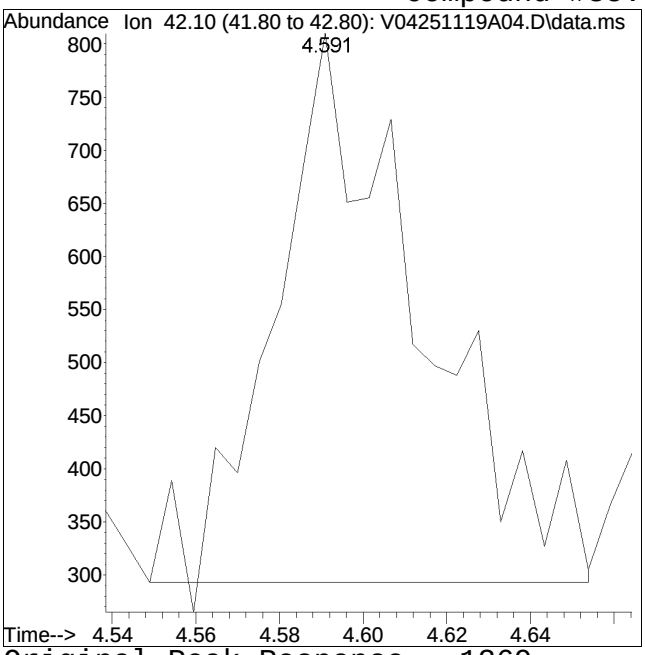
Original Peak Response = 415 Manual Peak Response = 5614 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

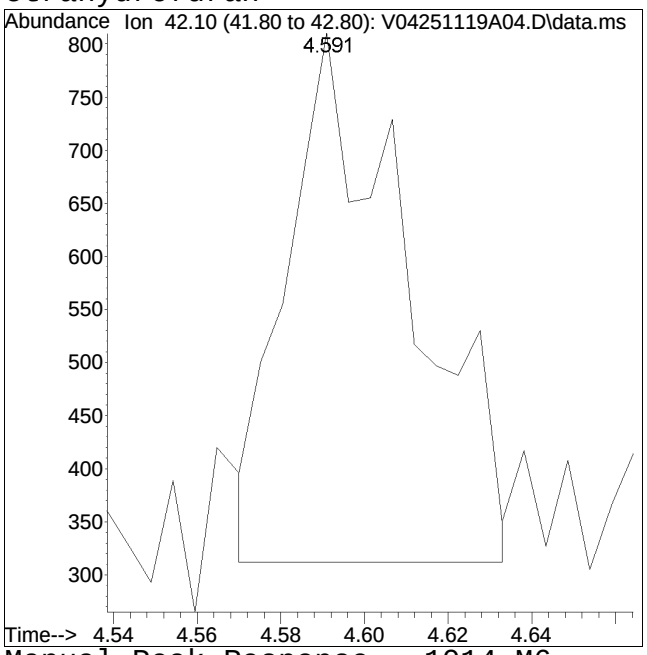
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #35: Tetrahydrofuran



Original Peak Response = 1269



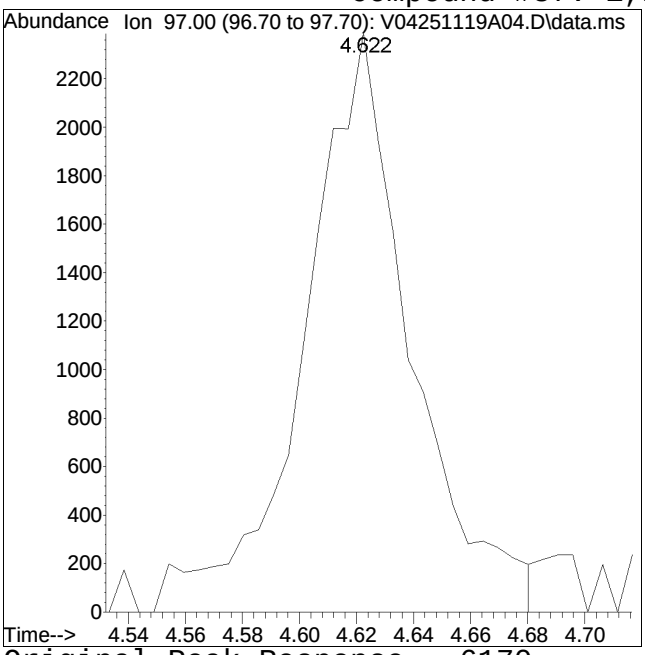
Manual Peak Response = 1014 M6

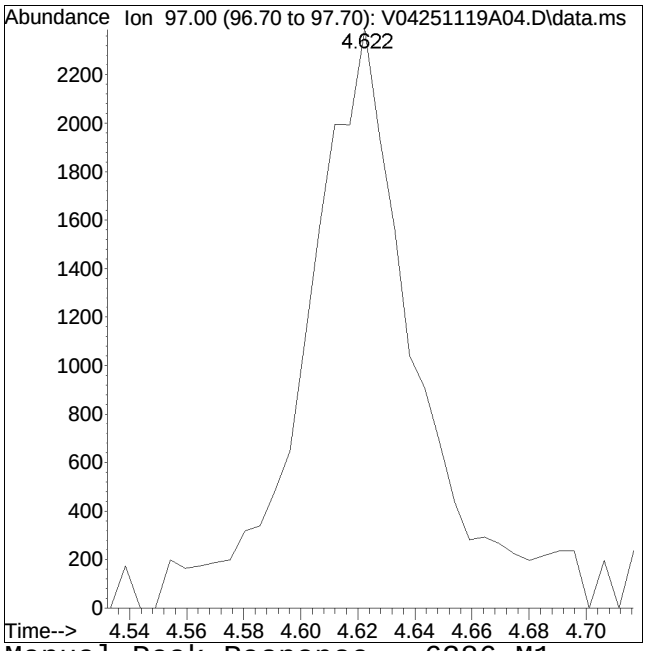
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #37: 1,1,1-Trichloroethane



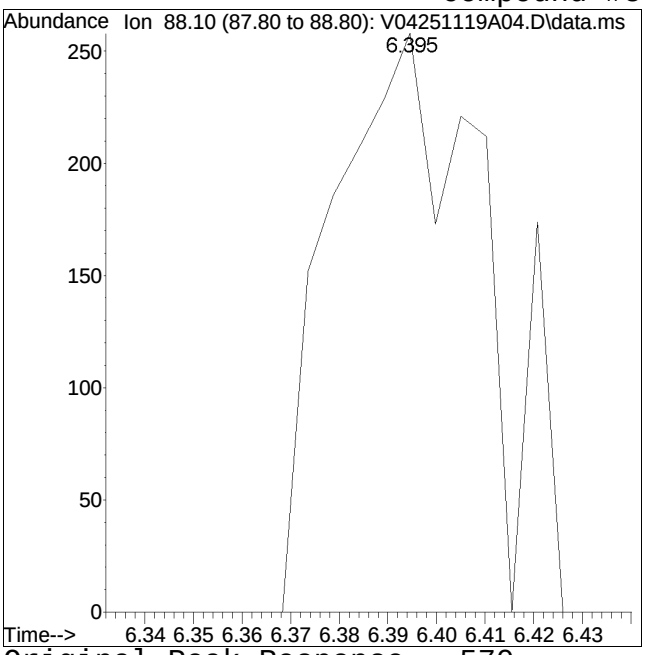


Original Peak Response = 6170 Manual Peak Response = 6386 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

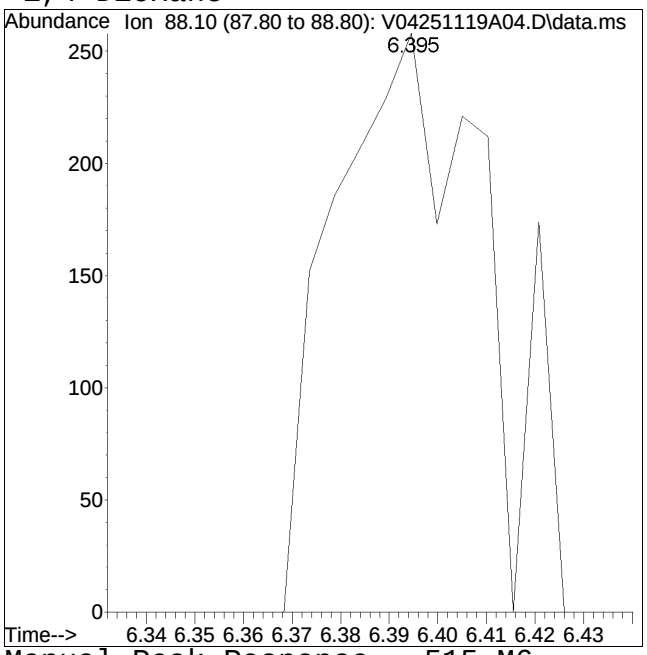
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #57: 1,4-Dioxane



Original Peak Response = 570



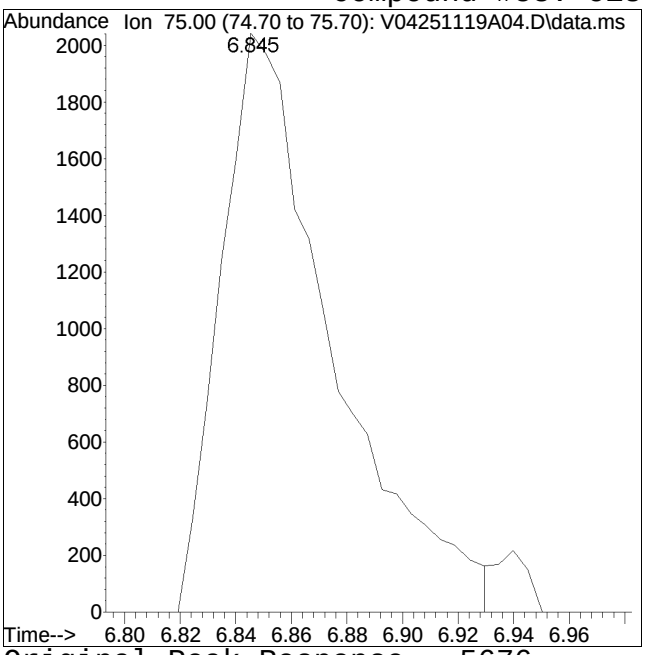
Manual Peak Response = 515 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

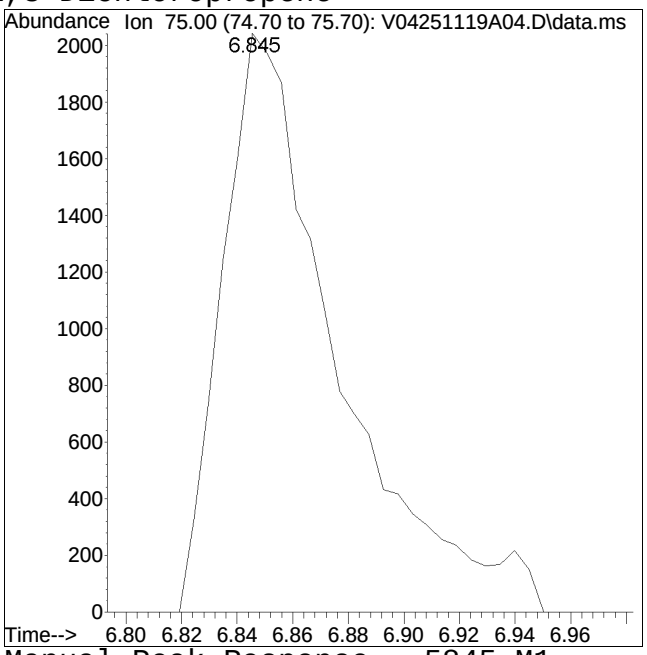
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #58: cis-1,3-Dichloropropene



Original Peak Response = 5676



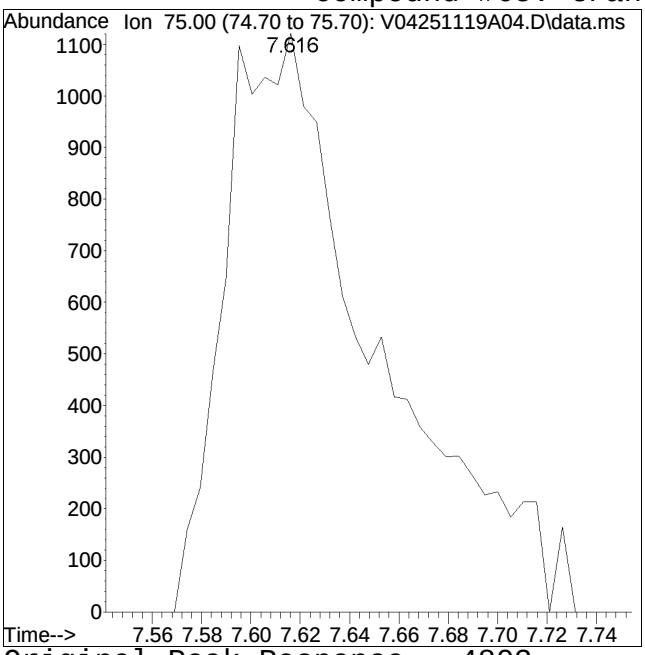
Manual Peak Response = 5845 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

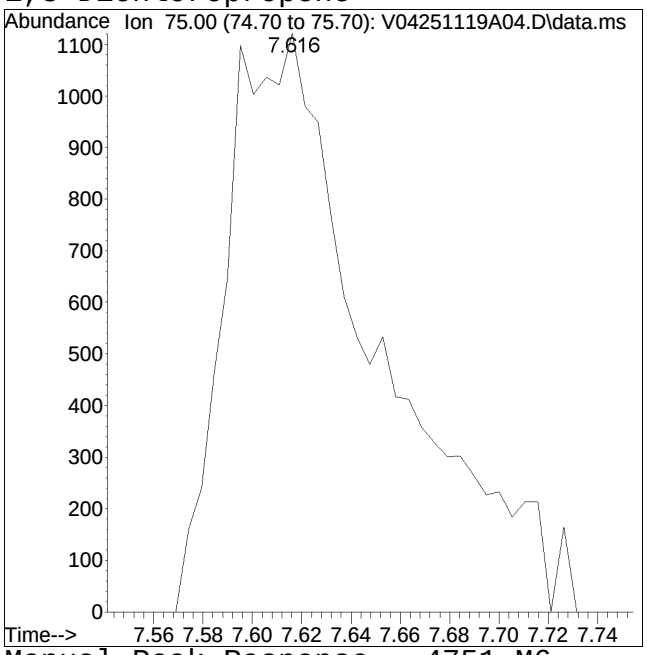
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #65: trans-1,3-Dichloropropene



Original Peak Response = 4803



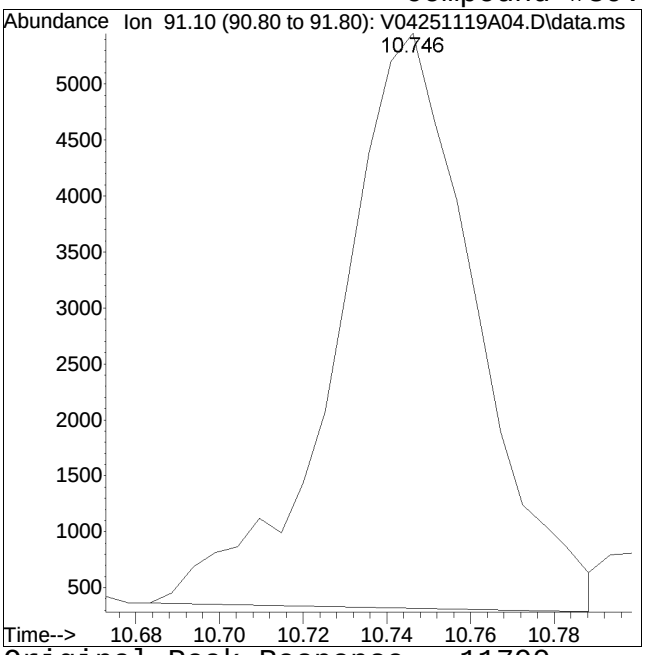
Manual Peak Response = 4751 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

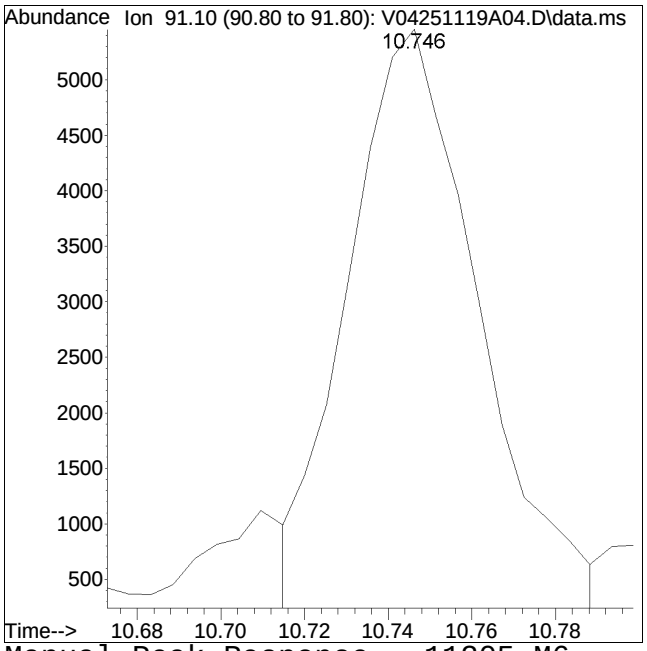
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 11790



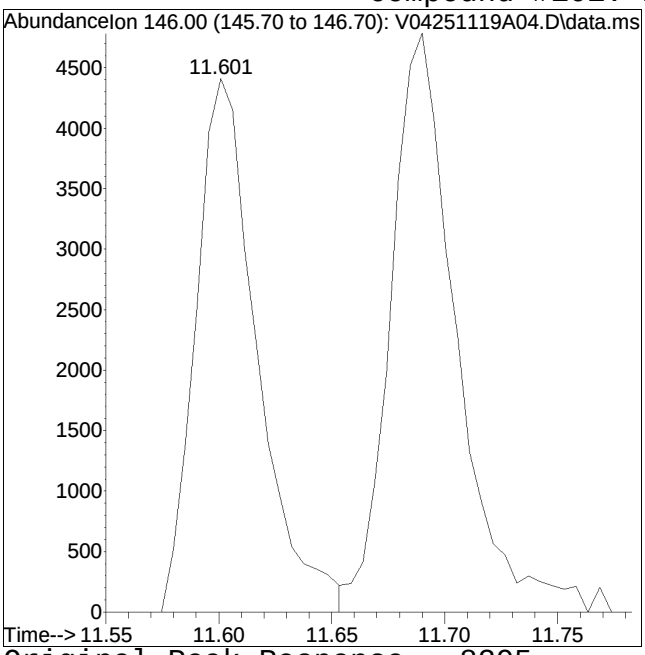
Manual Peak Response = 11205 M6

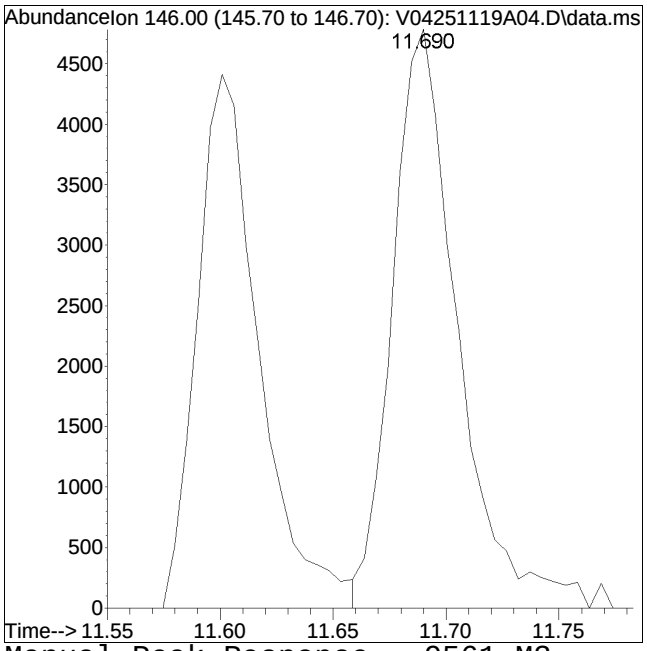
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #101: 1,4-Dichlorobenzene





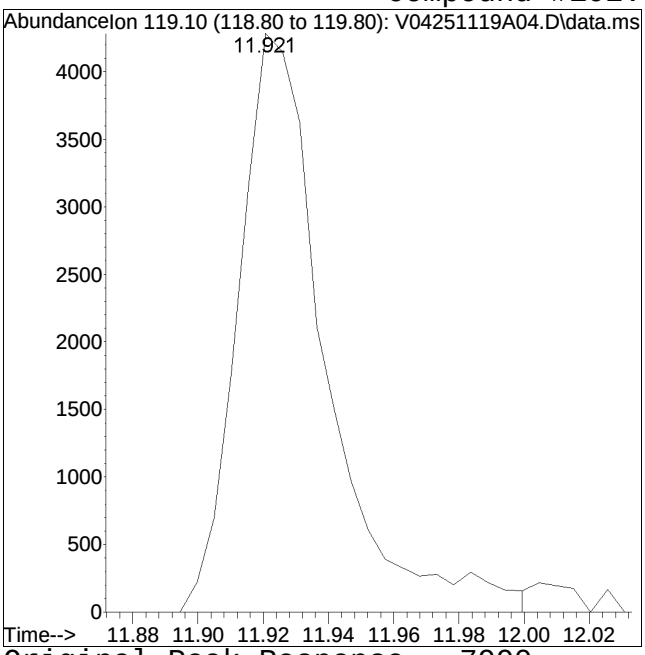
Original Peak Response = 8295 Manual Peak Response = 9561 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

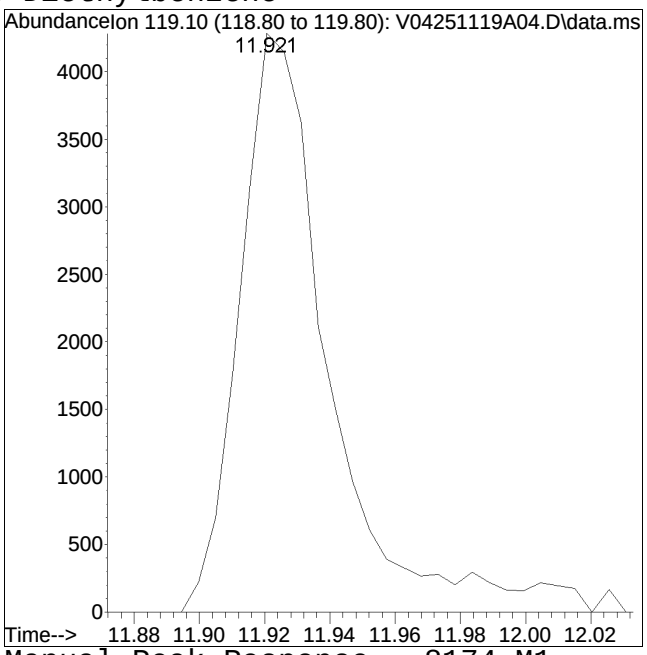
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #102: p-Diethylbenzene



Original Peak Response = 7990



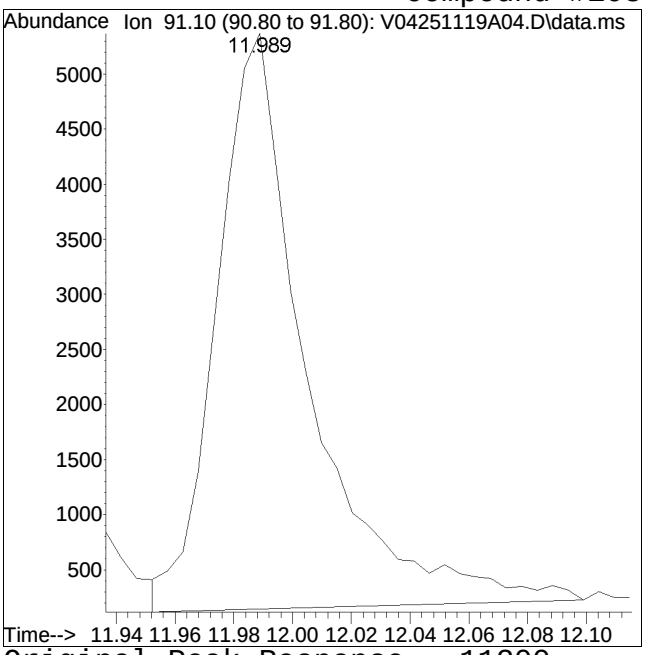
Manual Peak Response = 8174 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

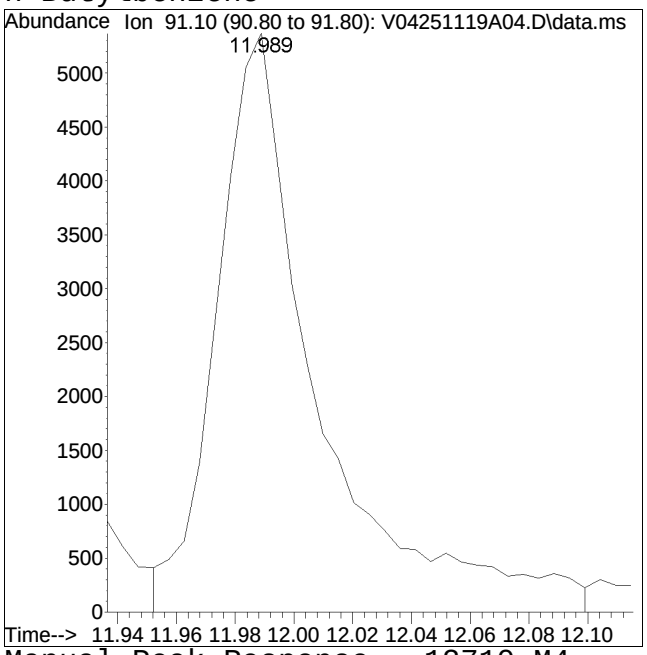
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #103: n-Butylbenzene



Original Peak Response = 11200



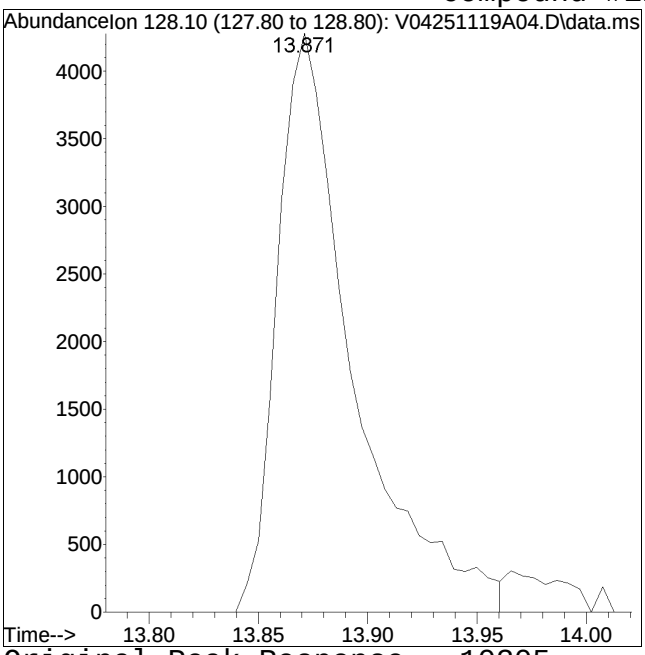
Manual Peak Response = 12710 M4

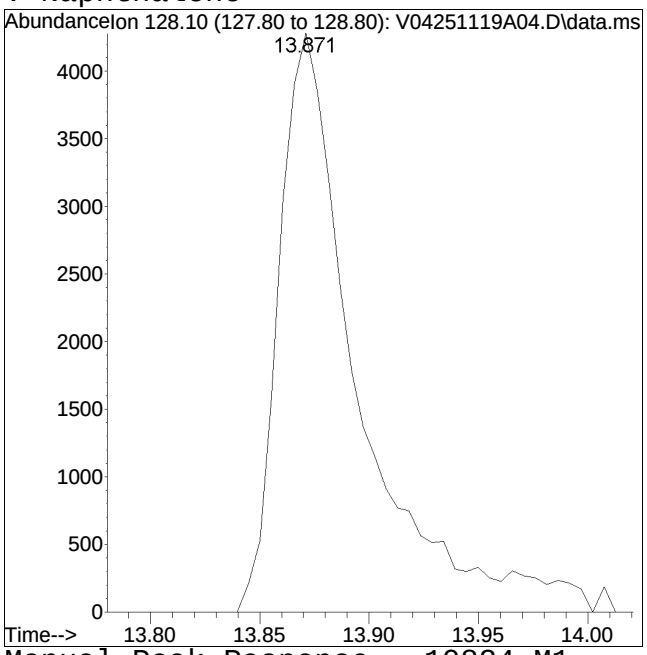
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #110: Naphthalene





Original Peak Response = 10305 Manual Peak Response = 10824 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A06.D
Acq On : 19 Nov 2025 8:18 pm
Operator : VOA104:JIC
Sample : I8260STD2.0PPB
Misc : WG2144251,ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 20 07:42:13 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.377	96	311435	20.000 ug/L	0.00
Standard Area 1 = 299397			Recovery = 104.02%		
59) Chlorobenzene-d5	8.838	117	238622	20.000 ug/L	0.00
Standard Area 1 = 232239			Recovery = 102.75%		
79) 1,4-Dichlorobenzene-d4	11.674	152	134556	20.000 ug/L	0.00
Standard Area 1 = 124245			Recovery = 108.30%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.612	113	92225	20.620 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.10%		
43) 1,2-Dichloroethane-d4	5.110	65	83701	21.430 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.15%		
60) Toluene-d8	7.024	98	313023	20.255 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.28%		
83) 4-Bromofluorobenzene	10.395	95	114057	19.582 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.91%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.408	85	11375	2.061 ug/L #	93
3) Chloromethane	1.571	50	12701	2.227 ug/L	98
4) Vinyl chloride	1.629	62	11992	2.062 ug/L	94
5) Bromomethane	1.886	94	5723	1.752 ug/L	81
6) Chloroethane	1.985	64	8188	2.299 ug/L	85
7) Trichlorofluoromethane	2.100	101	13576	1.938 ug/L	96
8) Ethyl ether	2.352	74	4212	1.975 ug/L	97
10) 1,1-Dichloroethene	2.530	96	8187	2.099 ug/L	89
11) Carbon disulfide	2.557	76	32184	2.308 ug/L	98
12) Freon-113	2.562	101	7656	1.876 ug/L #	42
14) Acrolein	0.000		0	N.D. d	
15) Methylene chloride	3.029	84	11182	2.473 ug/L	94
17) Acetone	3.076	43	5730	3.753 ug/L	94
18) trans-1,2-Dichloroethene	3.170	96	9470	2.194 ug/L	91
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	3.243	73	22229	2.008 ug/L	95
21) tert-Butyl alcohol	3.343	59	3782	10.244 ug/L #	72
22) Diisopropyl ether	3.579	45	28488	2.045 ug/L	98
23) 1,1-Dichloroethane	3.705	63	17792	2.149 ug/L	92
24) Halothane	3.757	117	7176	2.070 ug/L	100
25) Acrylonitrile	3.804	53	1680M3	1.935 ug/L	

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A06.D
Acq On : 19 Nov 2025 8:18 pm
Operator : VOA104:JIC
Sample : I8260STD2.0PPB
Misc : WG2144251,ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 20 07:42:13 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	3.899	59	25598	1.946	ug/L	#	70
27) Vinyl acetate	0.000		0	N.D.	d		
28) cis-1,2-Dichloroethene	4.192	96	10608	2.201	ug/L		87
29) 2,2-Dichloropropane	4.276	77	15572	2.320	ug/L		97
30) Bromochloromethane	4.376	128	4908	2.164	ug/L		94
31) Cyclohexane	4.355	56	14766	2.211	ug/L		94
32) Chloroform	4.444	83	26077	3.260	ug/L		99
33) Ethyl acetate	0.000		0	N.D.	d		
34) Carbon tetrachloride	4.559	117	13348	2.087	ug/L		98
35) Tetrahydrofuran	4.596	42	1983M4	2.151	ug/L		
37) 1,1,1-Trichloroethane	4.622	97	15153	2.288	ug/L		97
39) 2-Butanone	0.000		0	N.D.	d		
40) 1,1-Dichloropropene	4.743	75	11585	2.160	ug/L	#	90
41) Benzene	4.979	78	34375	2.162	ug/L		98
42) tert-Amyl methyl ether	5.079	73	21902	2.035	ug/L		93
44) 1,2-Dichloroethane	5.178	62	11207	2.069	ug/L		98
47) Methyl cyclohexane	5.524	83	13990	2.119	ug/L		91
48) Trichloroethene	5.556	95	8352	1.918	ug/L	#	83
50) Dibromomethane	5.996	93	5397M1	2.102	ug/L		
51) 1,2-Dichloropropane	6.085	63	9184	2.065	ug/L		99
53) 2-Chloroethyl vinyl ether	6.809	63	3683M1	1.555	ug/L		
54) Bromodichloromethane	6.164	83	13977	2.253	ug/L	#	95
57) 1,4-Dioxane	6.389	88	1583	57.328	ug/L		94
58) cis-1,3-Dichloropropene	6.845	75	13506M1	1.916	ug/L		
61) Toluene	7.081	92	23965	2.415	ug/L		96
62) 4-Methyl-2-pentanone	7.553	58	2229	1.946	ug/L		88
63) Tetrachloroethene	7.517	166	9736	2.055	ug/L		96
65) trans-1,3-Dichloropropene	7.595	75	10758M1	1.851	ug/L		
67) Ethyl methacrylate	7.789	69	8664M1	2.088	ug/L		
68) 1,1,2-Trichloroethane	7.758	83	7038M1	2.488	ug/L		
69) Chlorodibromomethane	7.962	129	10012	2.074	ug/L		94
70) 1,3-Dichloropropane	8.067	76	10914	2.026	ug/L		96
71) 1,2-Dibromoethane	8.230	107	6793	1.930	ug/L		99
72) 2-Hexanone	0.000		0	N.D.	d		
73) Chlorobenzene	8.859	112	24856	2.105	ug/L	#	84
74) Ethylbenzene	8.906	91	40673	2.149	ug/L		98
75) 1,1,1,2-Tetrachloroethane	8.943	131	9425	2.063	ug/L		97
76) p/m Xylene	9.089	106	32613	4.527	ug/L		97
77) o Xylene	9.629	106	32216	4.390	ug/L		99
78) Styrene	9.713	104	50783	4.284	ug/L		99

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A06.D
Acq On : 19 Nov 2025 8:18 pm
Operator : VOA104:JIC
Sample : I8260STD2.0PPB
Misc : WG2144251,ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 20 07:42:13 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	9.729	173	6580	2.053	ug/L		93
82) Isopropylbenzene	10.044	105	43034	2.201	ug/L		99
84) Bromobenzene	10.516	156	10940	1.997	ug/L		100
85) n-Propylbenzene	10.568	91	48363	2.133	ug/L		98
86) 1,4-Dichlorobutane	10.594	55	11420	1.978	ug/L	#	86
87) 1,1,2,2-Tetrachloroethane	10.683	83	9528	2.231	ug/L		93
88) 4-Ethyltoluene	10.704	105	40700	2.172	ug/L		98
89) 2-Chlorotoluene	10.741	91	29074M6	2.169	ug/L		
90) 1,3,5-Trimethylbenzene	10.809	105	35057	2.160	ug/L		96
91) 1,2,3-Trichloropropane	10.814	75	6591	2.172	ug/L		94
92) trans-1,4-Dichloro-2-b...	10.893	53	3054	2.685	ug/L	#	57
93) 4-Chlorotoluene	10.940	91	27643	2.054	ug/L		92
94) tert-Butylbenzene	11.160	119	30216	2.145	ug/L		99
97) 1,2,4-Trimethylbenzene	11.255	105	34767	2.153	ug/L		98
98) sec-Butylbenzene	11.360	105	44456	2.120	ug/L		98
99) p-Isopropyltoluene	11.527	119	38983	2.167	ug/L		99
100) 1,3-Dichlorobenzene	11.601	146	20041	2.069	ug/L		99
101) 1,4-Dichlorobenzene	11.690	146	21534M3	2.229	ug/L		
102) p-Diethylbenzene	11.921	119	23708M1	2.237	ug/L		
103) n-Butylbenzene	11.984	91	35706M4	2.224	ug/L		
104) 1,2-Dichlorobenzene	12.130	146	18685	2.034	ug/L		96
105) 1,2,4,5-Tetramethylben...	12.739	119	33938	2.037	ug/L		96
106) 1,2-Dibromo-3-chloropr...	12.933	155	1384	1.860	ug/L		98
107) 1,3,5-Trichlorobenzene	12.959	180	15945	2.146	ug/L		99
108) Hexachlorobutadiene	13.541	225	8312	2.133	ug/L		99
109) 1,2,4-Trichlorobenzene	13.572	180	12703	2.041	ug/L	#	95
110) Naphthalene	13.866	128	22078M1	2.054	ug/L		
111) 1,2,3-Trichlorobenzene	14.034	180	10598	2.041	ug/L		98

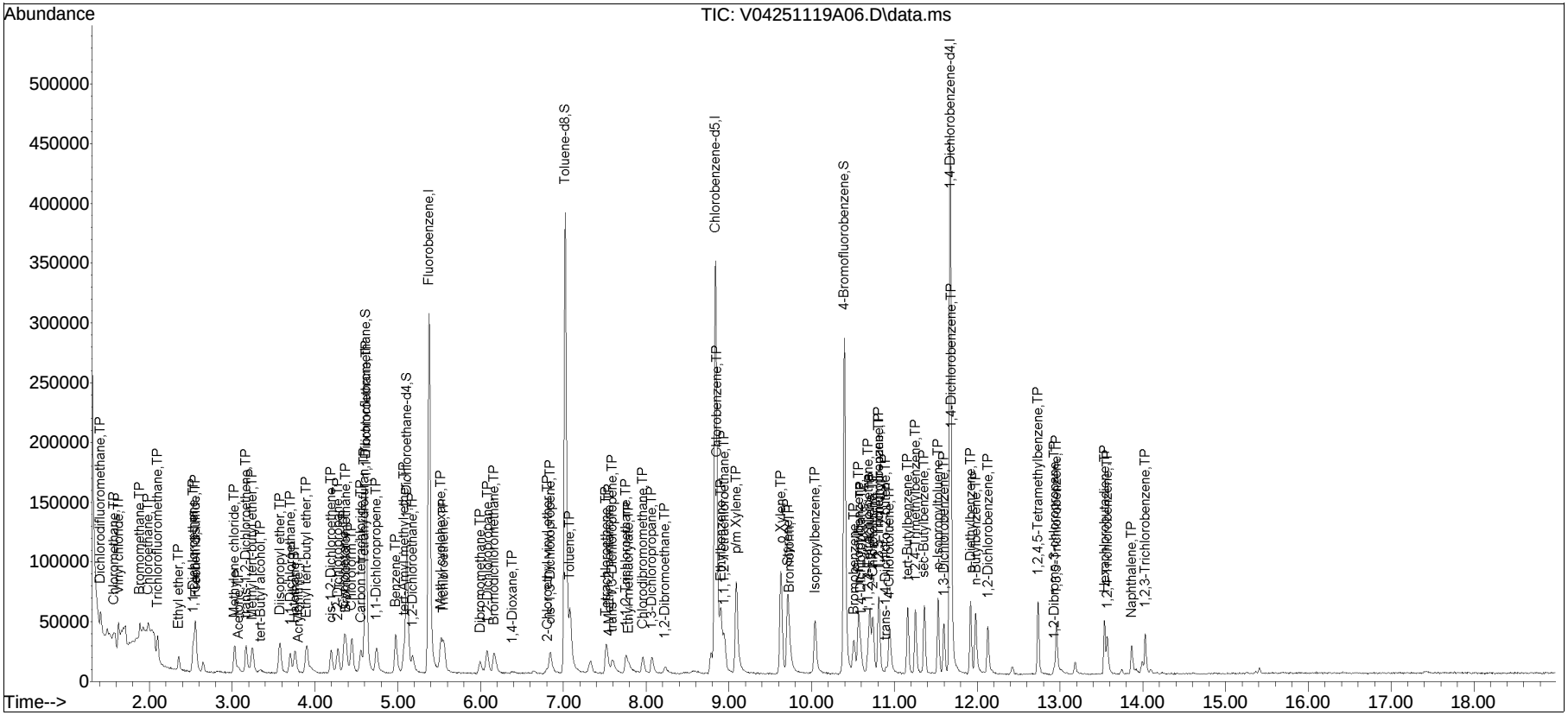
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A06.D
Acq On : 19 Nov 2025 8:18 pm
Operator : VOA104:JIC
Sample : I8260STD2.0PPB
Misc : WG2144251,ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 20 07:42:13 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

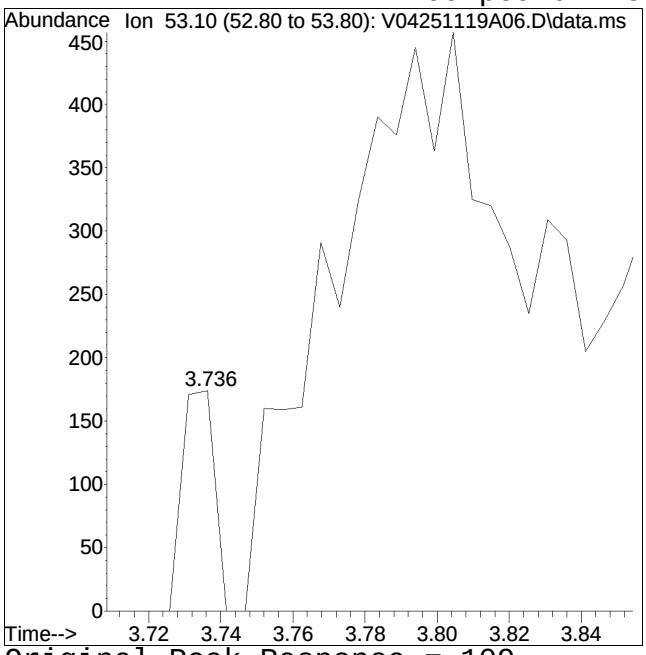
Sub List : 8260-CurveSoil - Megamix plus Diox51119A10.D•



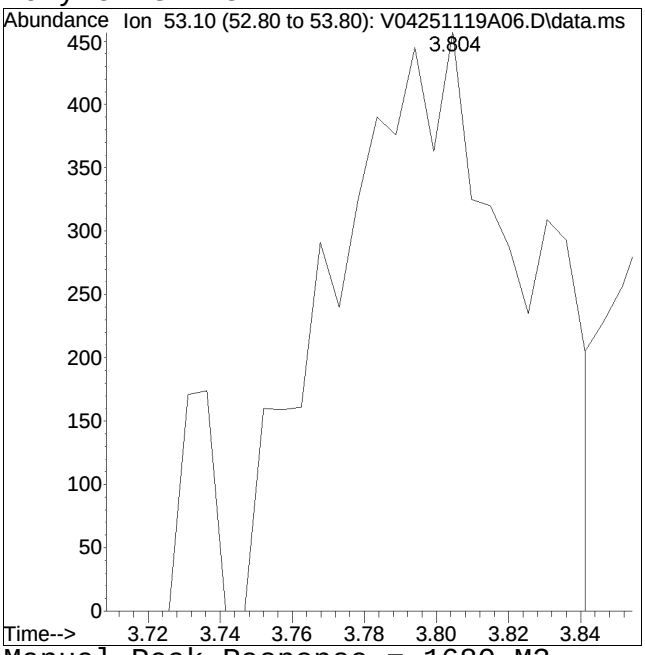
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A06.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 8:18 pm Instrument : VOA104
Sample : I8260STD2.0PPB Quant Date : 11/20/2025 7:24 am

Compound #25: Acrylonitrile



Original Peak Response = 109



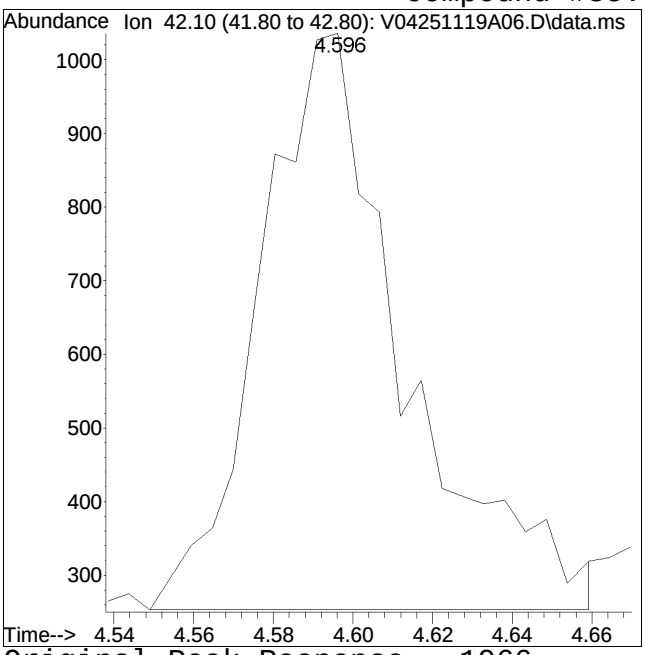
Manual Peak Response = 1680 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

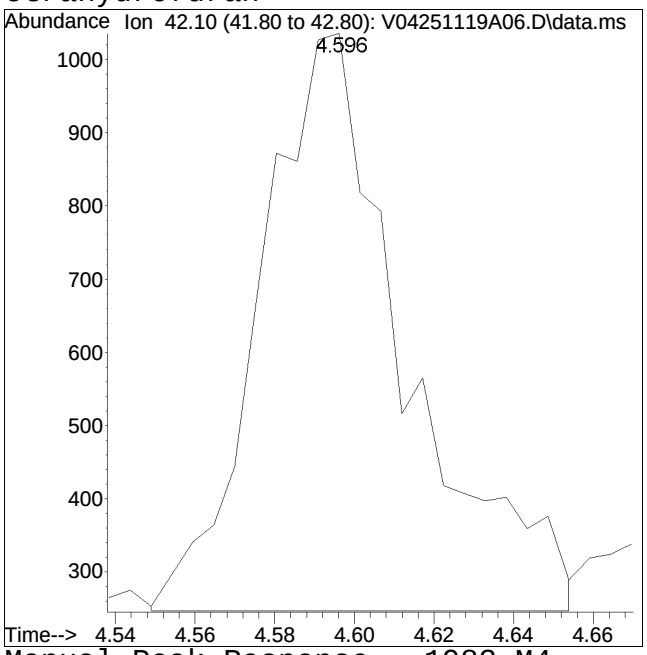
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A06.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 8:18 pm Instrument : VOA104
Sample : I8260STD2.0PPB Quant Date : 11/20/2025 7:24 am

Compound #35: Tetrahydrofuran



Original Peak Response = 1966



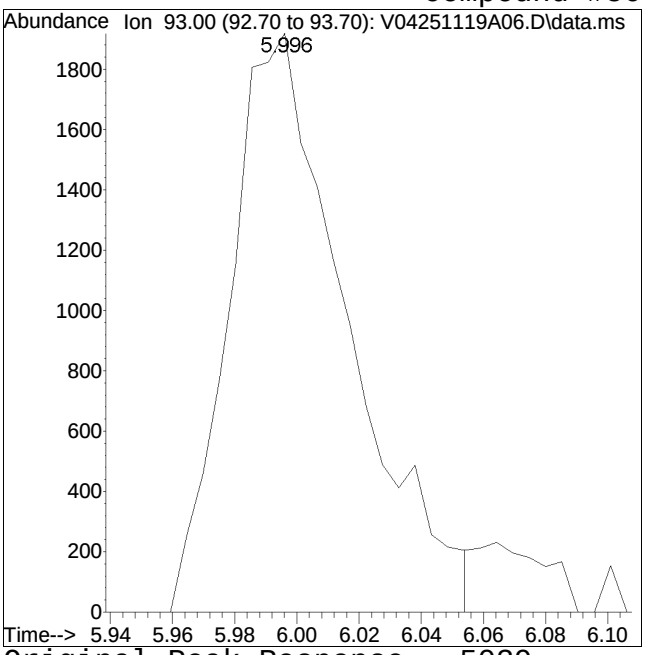
Manual Peak Response = 1983 M4

M4 = Poor automated baseline construction.

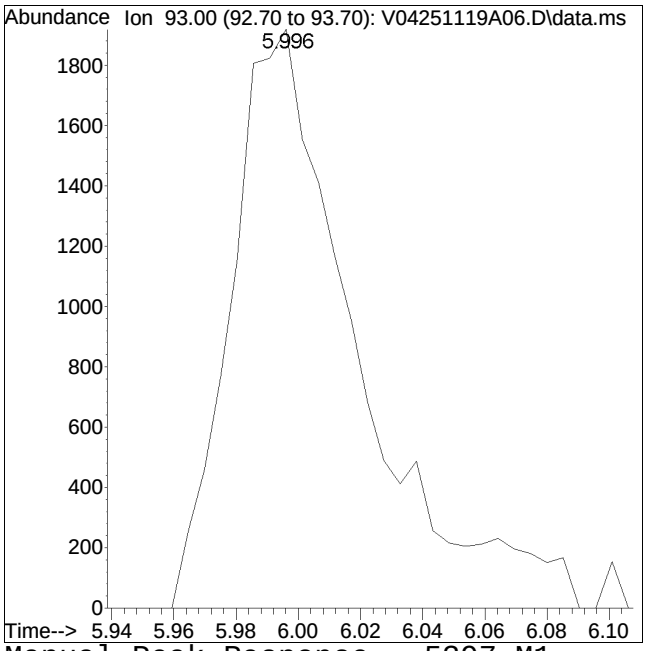
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A06.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 8:18 pm Instrument : VOA104
Sample : I8260STD2.0PPB Quant Date : 11/20/2025 7:24 am

Compound #50: Dibromomethane



Original Peak Response = 5039



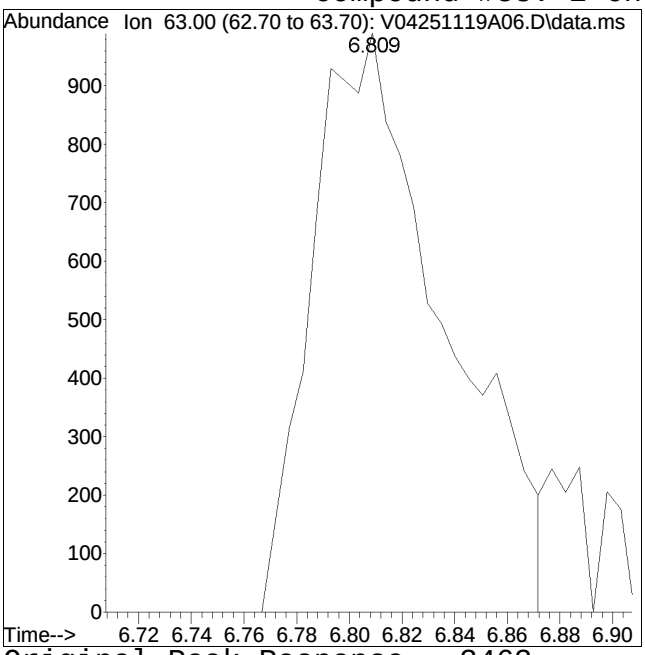
Manual Peak Response = 5397 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

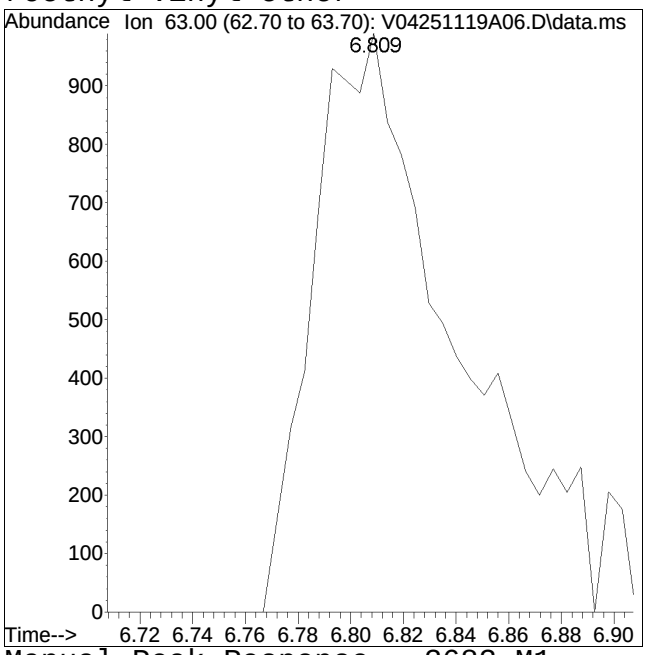
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A06.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 8:18 pm Instrument : VOA104
Sample : I8260STD2.0PPB Quant Date : 11/20/2025 7:24 am

Compound #53: 2-Chloroethyl vinyl ether



Original Peak Response = 3463



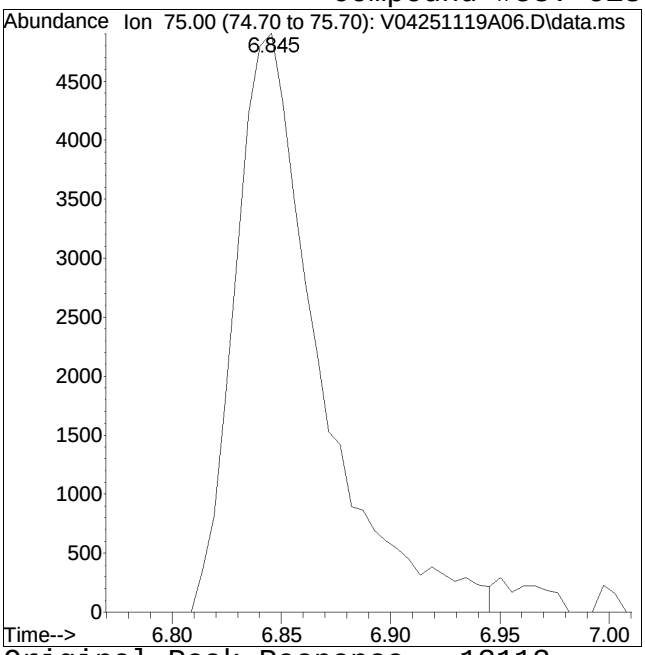
Manual Peak Response = 3683 M1

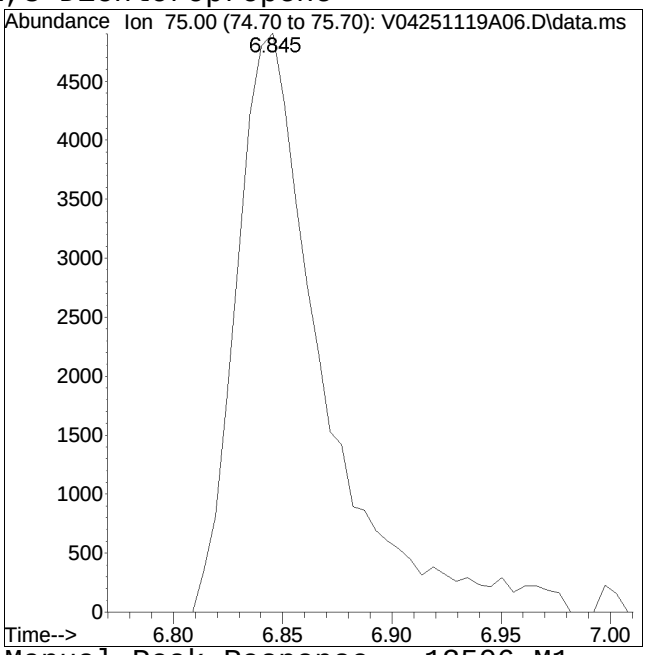
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A06.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 8:18 pm Instrument : VOA104
Sample : I8260STD2.0PPB Quant Date : 11/20/2025 7:24 am

Compound #58: cis-1,3-Dichloropropene



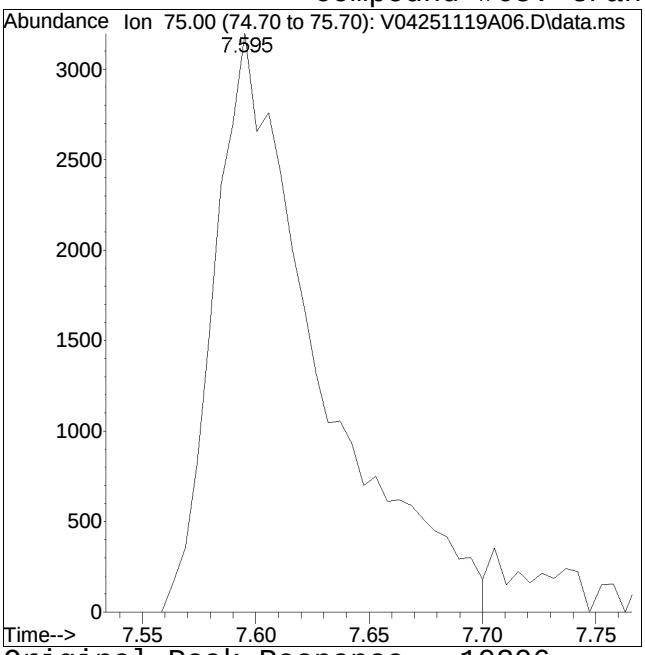


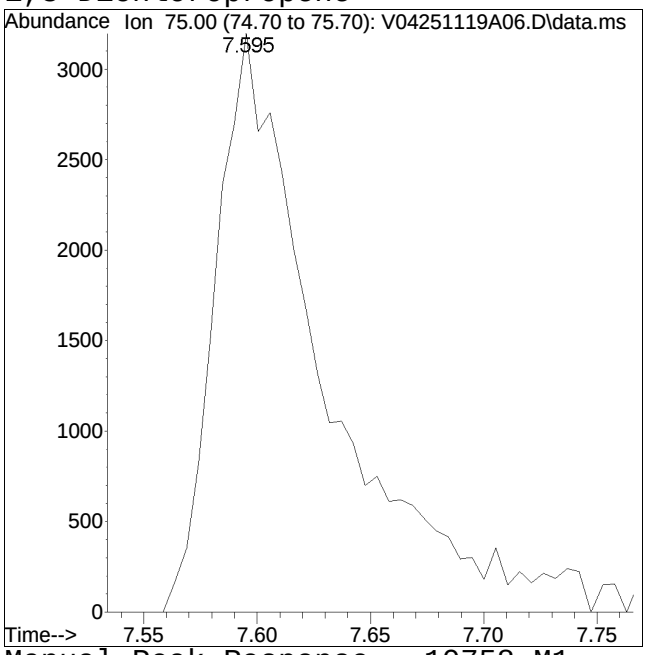
Original Peak Response = 13113 Manual Peak Response = 13506 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A06.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 8:18 pm Instrument : VOA104
Sample : I8260STD2.0PPB Quant Date : 11/20/2025 7:24 am

Compound #65: trans-1,3-Dichloropropene



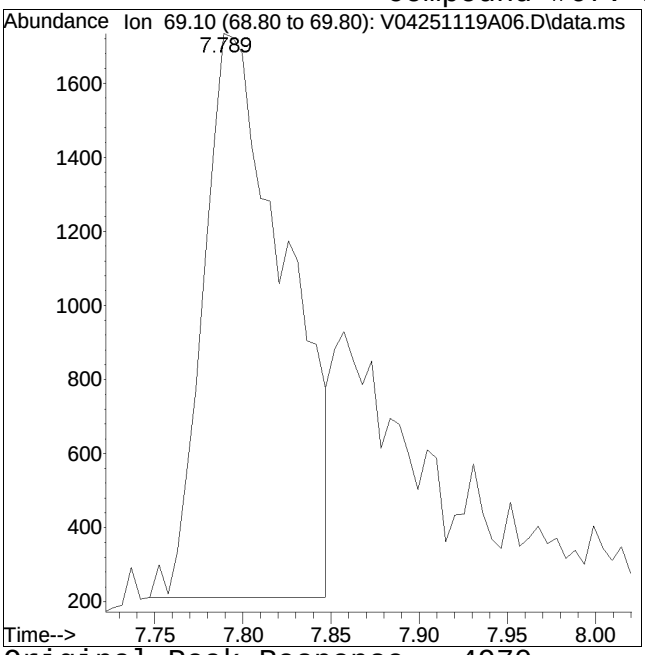


Original Peak Response = 10206 Manual Peak Response = 10758 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

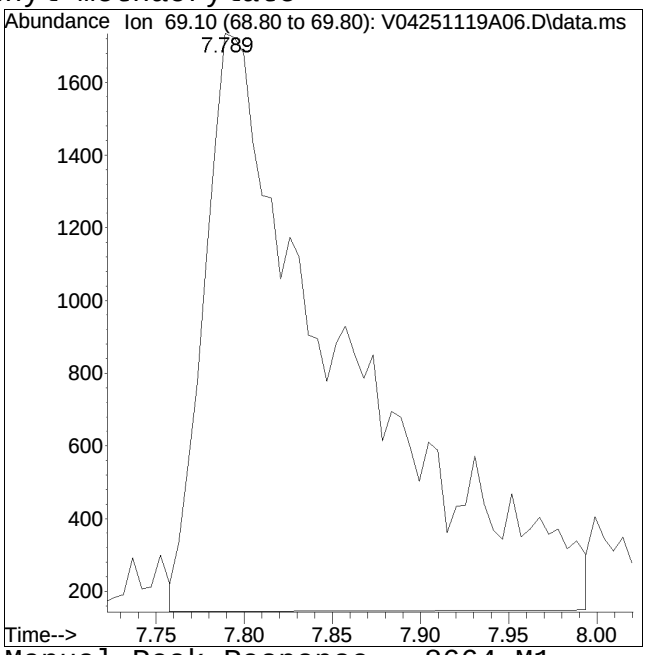
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A06.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 8:18 pm Instrument : VOA104
Sample : I8260STD2.0PPB Quant Date : 11/20/2025 7:24 am

Compound #67: Ethyl methacrylate



Original Peak Response = 4970



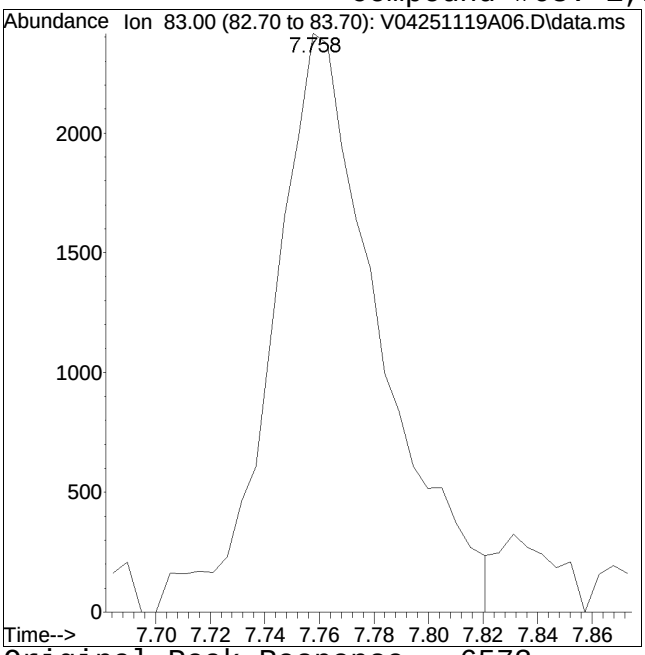
Manual Peak Response = 8664 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

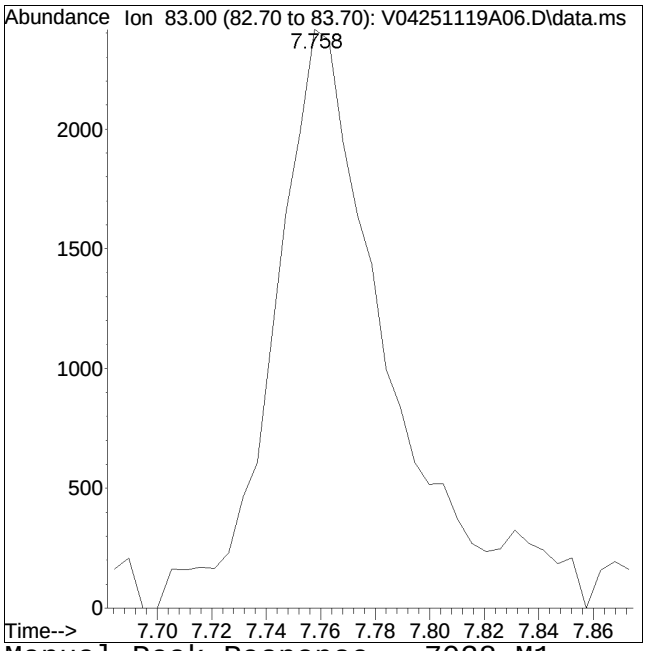
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A06.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 8:18 pm Instrument : VOA104
Sample : I8260STD2.0PPB Quant Date : 11/20/2025 7:24 am

Compound #68: 1,1,2-Trichloroethane



Original Peak Response = 6573



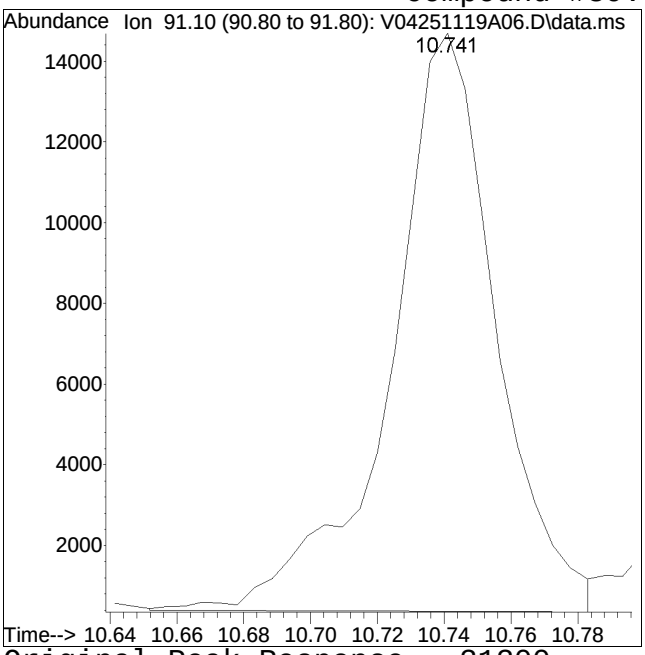
Manual Peak Response = 7038 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

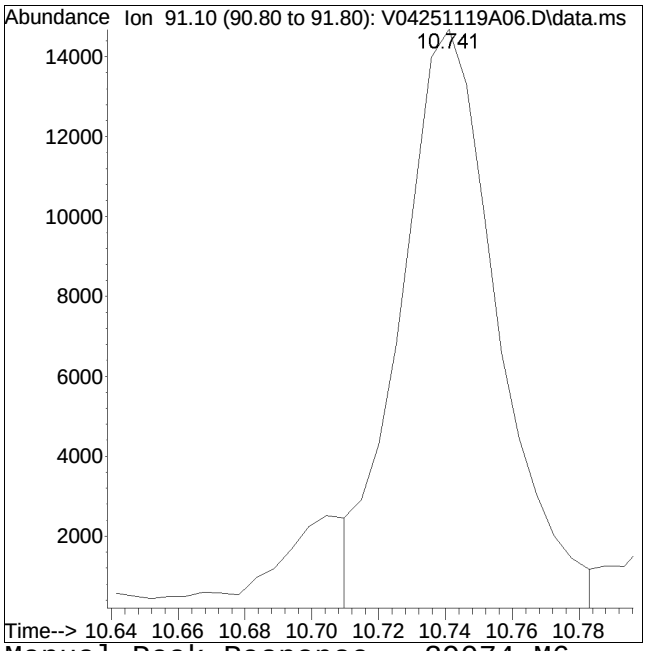
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A06.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 8:18 pm Instrument : VOA104
Sample : I8260STD2.0PPB Quant Date : 11/20/2025 7:24 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 31300



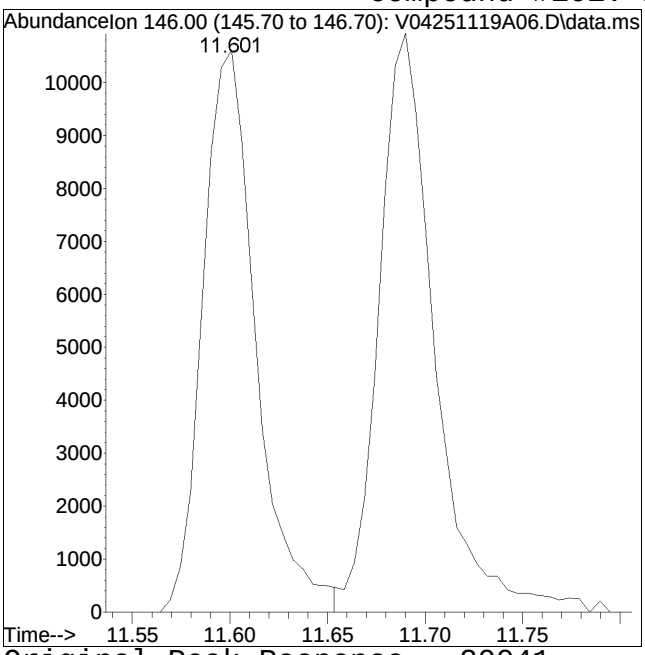
Manual Peak Response = 29074 M6

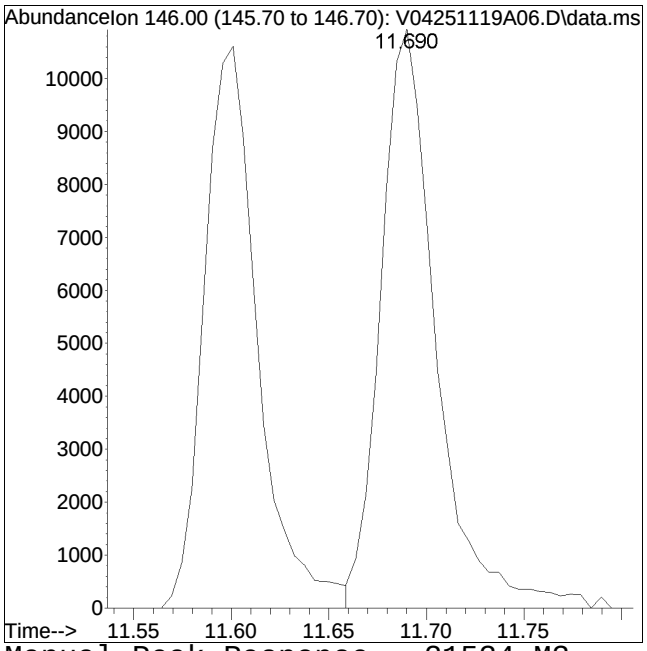
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A06.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 8:18 pm Instrument : VOA104
Sample : I8260STD2.0PPB Quant Date : 11/20/2025 7:24 am

Compound #101: 1,4-Dichlorobenzene





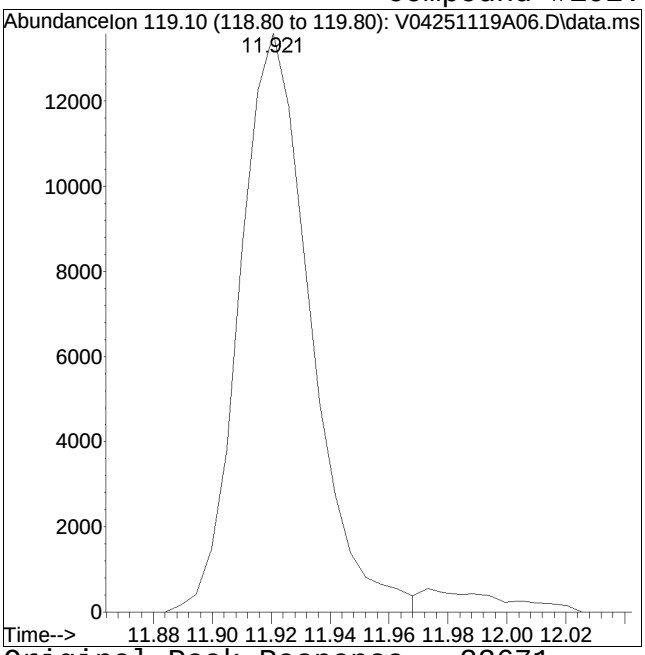
Original Peak Response = 20041 Manual Peak Response = 21534 M3

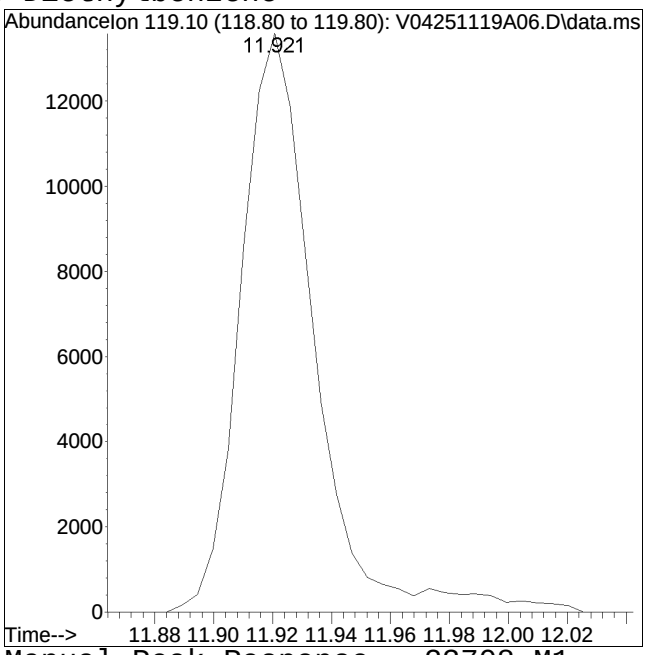
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A06.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 8:18 pm Instrument : VOA104
Sample : I8260STD2.0PPB Quant Date : 11/20/2025 7:24 am

Compound #102: p-Diethylbenzene





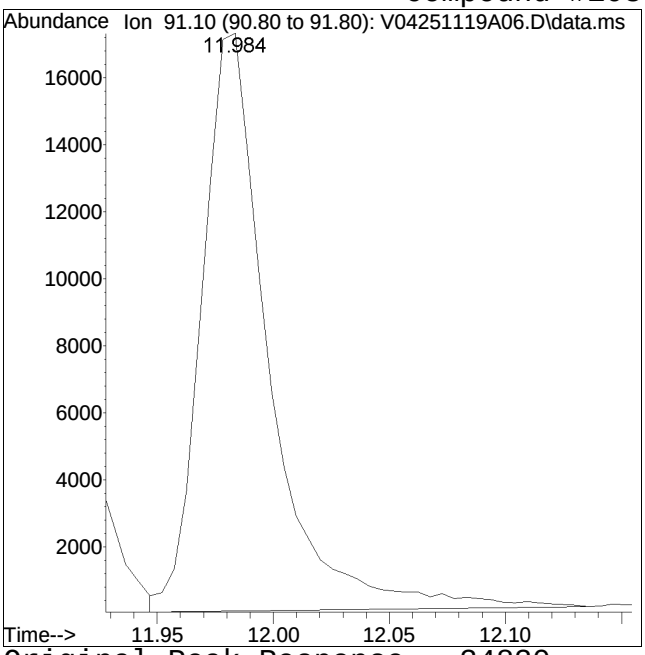
Original Peak Response = 22671 Manual Peak Response = 23708 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

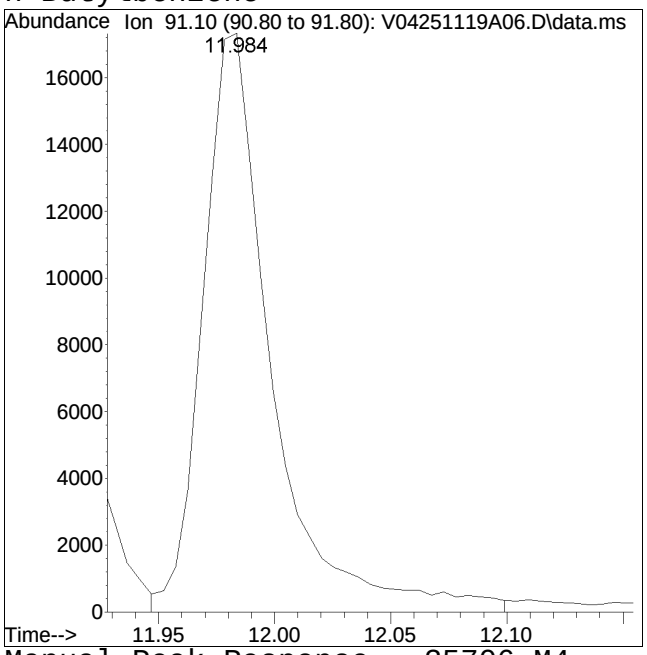
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A06.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 8:18 pm Instrument : VOA104
Sample : I8260STD2.0PPB Quant Date : 11/20/2025 7:24 am

Compound #103: n-Butylbenzene



Original Peak Response = 34830



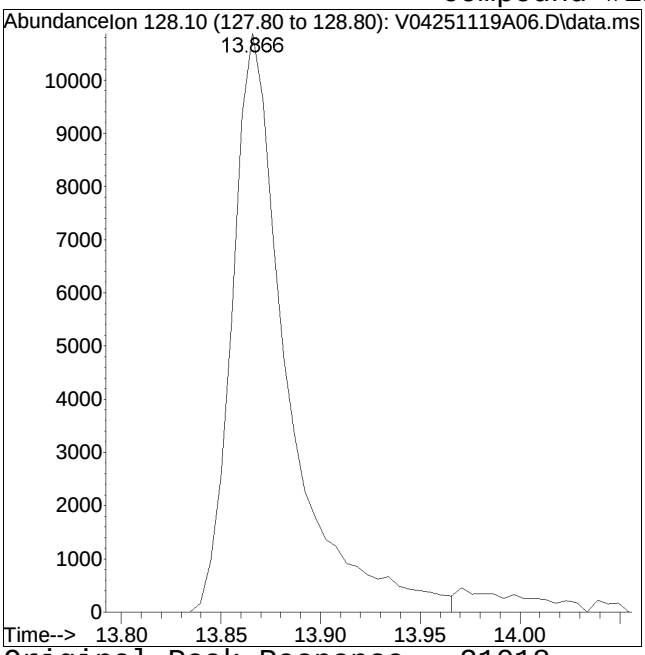
Manual Peak Response = 35706 M4

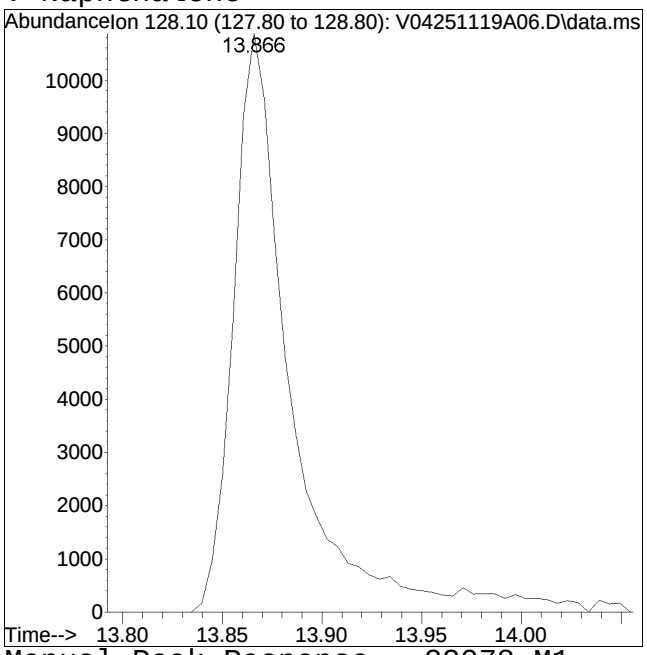
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A06.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 8:18 pm Instrument : VOA104
Sample : I8260STD2.0PPB Quant Date : 11/20/2025 7:24 am

Compound #110: Naphthalene





Original Peak Response = 21018 Manual Peak Response = 22078 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A08.D
Acq On : 19 Nov 2025 9:10 pm
Operator : VOA104:JIC
Sample : I8260STD4.0PPB
Misc : WG2144251,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 20 07:46:16 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.377	96	305977	20.000 ug/L	0.00
Standard Area 1 = 299397			Recovery = 102.20%		
59) Chlorobenzene-d5	8.838	117	234414	20.000 ug/L	0.00
Standard Area 1 = 232239			Recovery = 100.94%		
79) 1,4-Dichlorobenzene-d4	11.674	152	134287	20.000 ug/L	0.00
Standard Area 1 = 124245			Recovery = 108.08%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.612	113	90791	20.661 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.31%		
43) 1,2-Dichloroethane-d4	5.110	65	81099	21.135 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.68%		
60) Toluene-d8	7.024	98	308425	20.316 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.58%		
83) 4-Bromofluorobenzene	10.395	95	113753	19.569 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.84%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.408	85	24406	4.501 ug/L	97
3) Chloromethane	1.571	50	24691	4.406 ug/L	99
4) Vinyl chloride	1.623	62	25108	4.395 ug/L	97
5) Bromomethane	1.886	94	12951	4.035 ug/L	99
6) Chloroethane	1.985	64	15483	4.424 ug/L	93
7) Trichlorofluoromethane	2.100	101	30725	4.464 ug/L	100
8) Ethyl ether	2.352	74	7982	3.810 ug/L	98
10) 1,1-Dichloroethene	2.530	96	17058	4.450 ug/L	92
11) Carbon disulfide	2.551	76	63467	4.633 ug/L	99
12) Freon-113	2.557	101	17204	4.291 ug/L #	63
14) Acrolein	2.824	56	1910M3	5.042 ug/L	
15) Methylene chloride	3.023	84	19710	4.438 ug/L	98
17) Acetone	3.070	43	8765	5.843 ug/L	97
18) trans-1,2-Dichloroethene	3.165	96	18690	4.408 ug/L	93
19) Methyl acetate	3.186	43	5440M1	3.363 ug/L	
20) Methyl tert-butyl ether	3.238	73	42171	3.878 ug/L	96
21) tert-Butyl alcohol	3.348	59	7814	21.542 ug/L	95
22) Diisopropyl ether	3.574	45	53804	3.931 ug/L	99
23) 1,1-Dichloroethane	3.700	63	35435	4.357 ug/L	97
24) Halothane	3.757	117	14810	4.348 ug/L	100
25) Acrylonitrile	3.784	53	3237	3.796 ug/L #	72

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A08.D
Acq On : 19 Nov 2025 9:10 pm
Operator : VOA104:JIC
Sample : I8260STD4.0PPB
Misc : WG2144251,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 20 07:46:16 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	3.899	59	49894	3.860	ug/L	#	67
27) Vinyl acetate	3.941	43	27065M1	3.323	ug/L		
28) cis-1,2-Dichloroethene	4.192	96	20568	4.343	ug/L		90
29) 2,2-Dichloropropane	4.276	77	29720	4.507	ug/L		97
30) Bromochloromethane	4.376	128	9777	4.388	ug/L		92
31) Cyclohexane	4.355	56	29525	4.499	ug/L		92
32) Chloroform	4.444	83	41384	5.266	ug/L		99
33) Ethyl acetate	4.565	43	9381	3.501	ug/L	#	93
34) Carbon tetrachloride	4.554	117	27968	4.452	ug/L		99
35) Tetrahydrofuran	4.591	42	3638M6	4.016	ug/L		
37) 1,1,1-Trichloroethane	4.617	97	30331	4.662	ug/L		97
39) 2-Butanone	4.753	43	2587M1	2.272	ug/L		
40) 1,1-Dichloropropene	4.743	75	23956	4.545	ug/L		95
41) Benzene	4.974	78	65243	4.177	ug/L		98
42) tert-Amyl methyl ether	5.079	73	42428	4.013	ug/L		94
44) 1,2-Dichloroethane	5.178	62	22494	4.227	ug/L		99
47) Methyl cyclohexane	5.524	83	27912	4.303	ug/L		91
48) Trichloroethene	5.556	95	19868	4.643	ug/L		96
50) Dibromomethane	5.991	93	10436	4.138	ug/L		97
51) 1,2-Dichloropropane	6.080	63	17802	4.073	ug/L		99
53) 2-Chloroethyl vinyl ether	6.793	63	8444M1	3.628	ug/L		
54) Bromodichloromethane	6.164	83	26361	4.325	ug/L		98
57) 1,4-Dioxane	6.374	88	5029M1	185.374	ug/L		
58) cis-1,3-Dichloropropene	6.840	75	27407	3.957	ug/L		96
61) Toluene	7.081	92	42926	4.403	ug/L		99
62) 4-Methyl-2-pentanone	7.538	58	4362	3.876	ug/L		98
63) Tetrachloroethene	7.517	166	19280	4.143	ug/L		96
65) trans-1,3-Dichloropropene	7.590	75	22883M1	4.007	ug/L		
67) Ethyl methacrylate	7.784	69	18062M1	4.431	ug/L		
68) 1,1,2-Trichloroethane	7.758	83	12659M1	4.556	ug/L		
69) Chlorodibromomethane	7.957	129	19877	4.191	ug/L		97
70) 1,3-Dichloropropane	8.067	76	22183	4.192	ug/L		99
71) 1,2-Dibromoethane	8.224	107	14019M1	4.055	ug/L		
72) 2-Hexanone	8.560	43	6901M3	3.664	ug/L		
73) Chlorobenzene	8.859	112	49659	4.280	ug/L		94
74) Ethylbenzene	8.901	91	78195	4.206	ug/L		100
75) 1,1,1,2-Tetrachloroethane	8.943	131	19304	4.301	ug/L		94
76) p/m Xylene	9.089	106	61844	8.738	ug/L		97
77) o Xylene	9.630	106	61418	8.519	ug/L		99
78) Styrene	9.708	104	98748	8.480	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A08.D
Acq On : 19 Nov 2025 9:10 pm
Operator : VOA104:JIC
Sample : I8260STD4.0PPB
Misc : WG2144251,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 20 07:46:16 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	9.729	173	13608	4.254	ug/L	98
82) Isopropylbenzene	10.038	105	79818	4.090	ug/L	100
84) Bromobenzene	10.510	156	21874	4.001	ug/L	100
85) n-Propylbenzene	10.563	91	91506	4.045	ug/L	99
86) 1,4-Dichlorobutane	10.589	55	23960	4.158	ug/L	92
87) 1,1,2,2-Tetrachloroethane	10.678	83	19635	4.607	ug/L	98
88) 4-Ethyltoluene	10.699	105	76075	4.068	ug/L	98
89) 2-Chlorotoluene	10.736	91	56085M6	4.192	ug/L	
90) 1,3,5-Trimethylbenzene	10.809	105	66852	4.127	ug/L	98
91) 1,2,3-Trichloropropane	10.814	75	13401	4.425	ug/L	96
92) trans-1,4-Dichloro-2-b...	10.893	53	5546M1	4.885	ug/L	
93) 4-Chlorotoluene	10.935	91	58492M4	4.355	ug/L	
94) tert-Butylbenzene	11.160	119	57364	4.081	ug/L	97
97) 1,2,4-Trimethylbenzene	11.250	105	66163	4.105	ug/L	100
98) sec-Butylbenzene	11.360	105	87183	4.166	ug/L	98
99) p-Isopropyltoluene	11.527	119	72786	4.054	ug/L	98
100) 1,3-Dichlorobenzene	11.596	146	39165	4.052	ug/L	98
101) 1,4-Dichlorobenzene	11.685	146	41698	4.325	ug/L	95
102) p-Diethylbenzene	11.921	119	42076	3.978	ug/L	98
103) n-Butylbenzene	11.978	91	63901	3.988	ug/L	97
104) 1,2-Dichlorobenzene	12.125	146	38520	4.201	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.733	119	63430	3.815	ug/L	98
106) 1,2-Dibromo-3-chloropr...	12.927	155	3214	4.328	ug/L	97
107) 1,3,5-Trichlorobenzene	12.959	180	29565	3.986	ug/L	98
108) Hexachlorobutadiene	13.541	225	15574	4.004	ug/L	99
109) 1,2,4-Trichlorobenzene	13.567	180	24782	3.989	ug/L	99
110) Naphthalene	13.861	128	43912	4.093	ug/L	100
111) 1,2,3-Trichlorobenzene	14.028	180	21087	4.069	ug/L	98

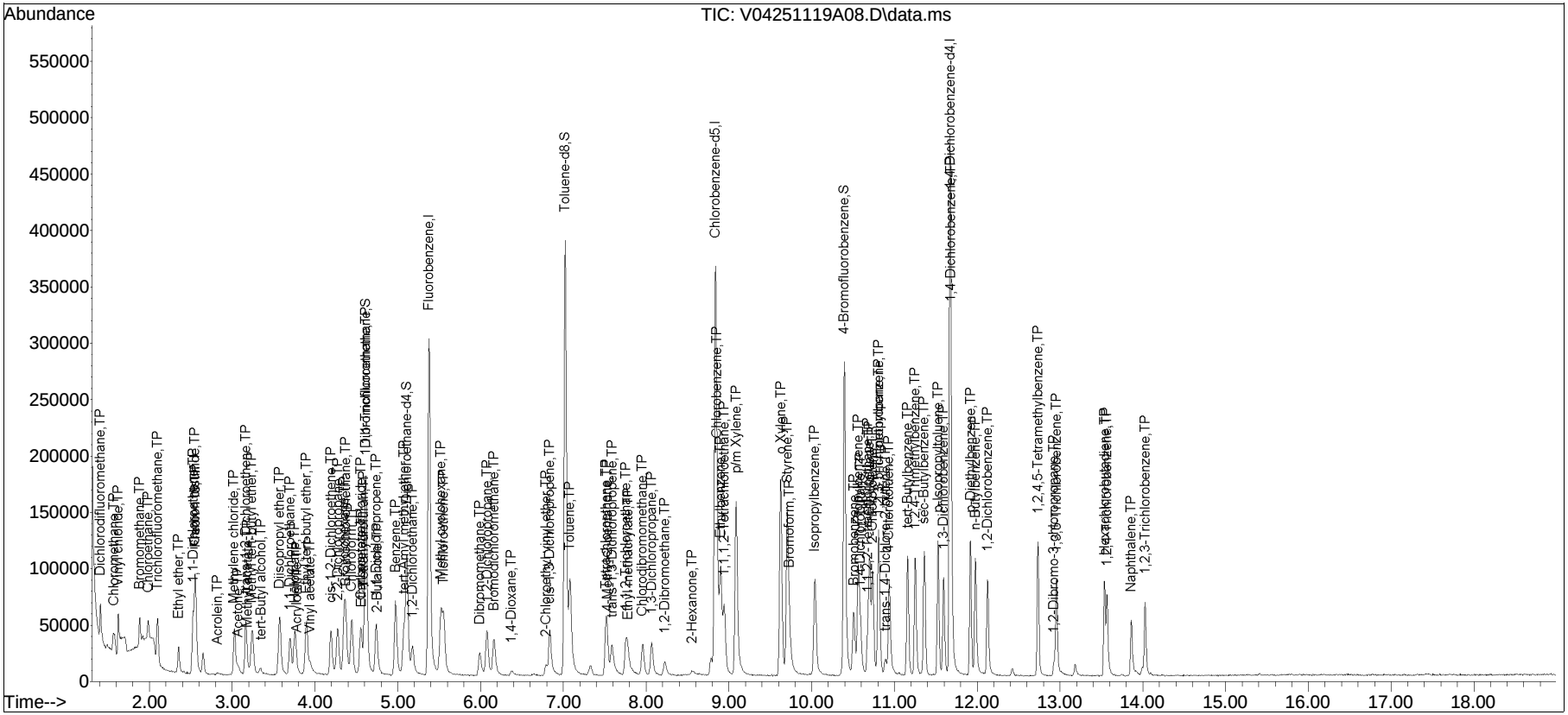
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A08.D
Acq On : 19 Nov 2025 9:10 pm
Operator : VOA104:JIC
Sample : I8260STD4.0PPB
Misc : WG2144251,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 20 07:46:16 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

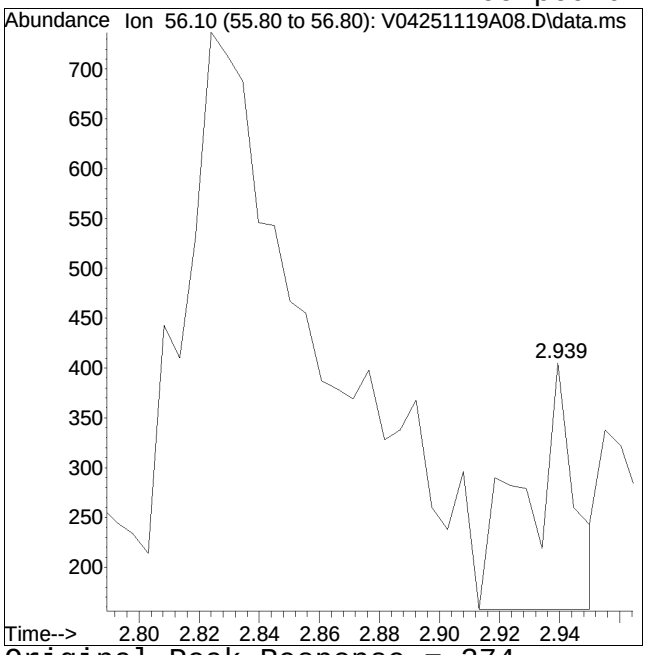
Sub List : 8260-CurveSoil - Megamix plus Diox51119A10.D•



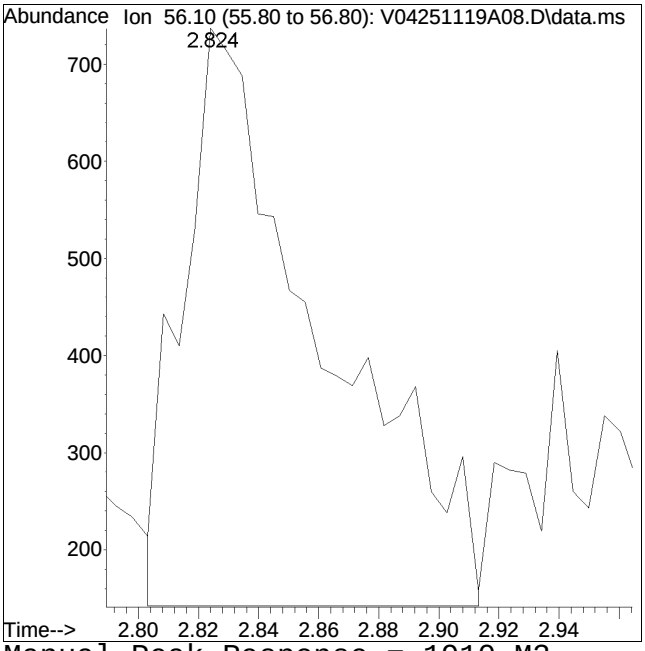
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #14: Acrolein



Original Peak Response = 274



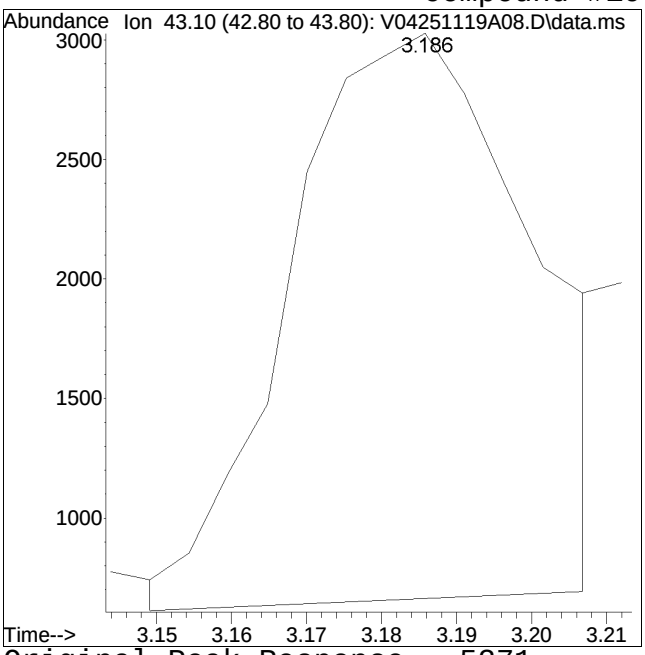
Manual Peak Response = 1910 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

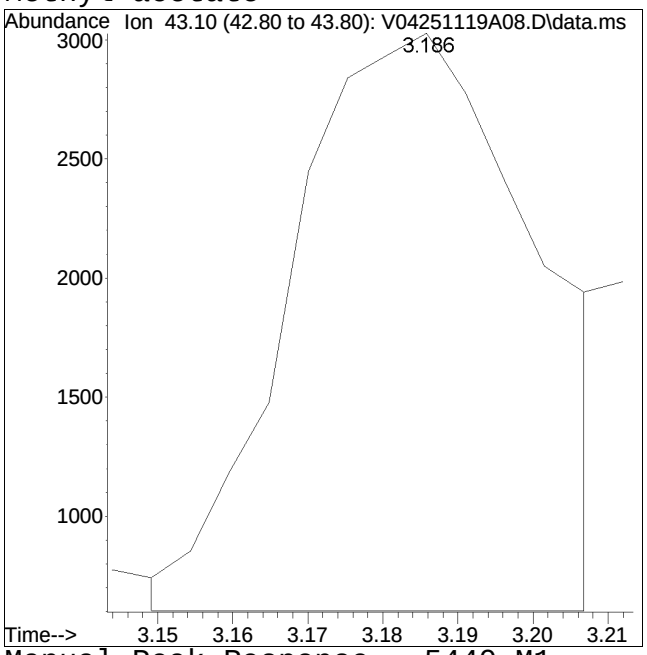
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #19: Methyl acetate



Original Peak Response = 5271



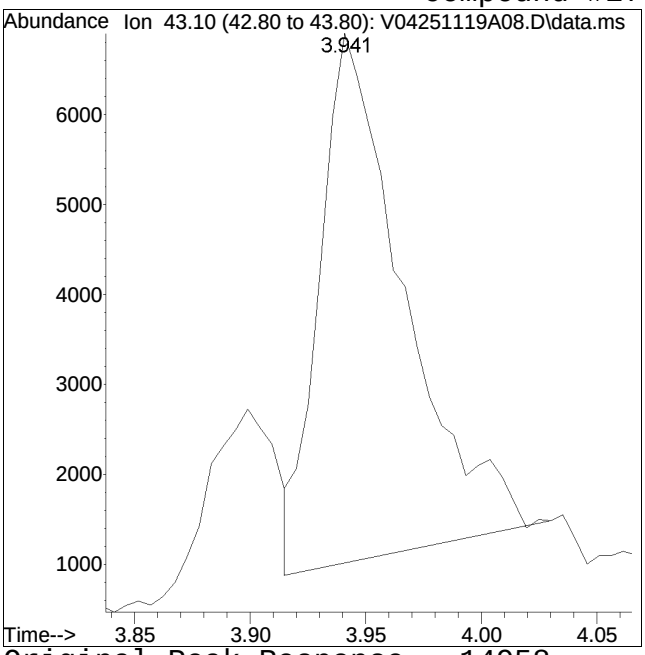
Manual Peak Response = 5440 M1

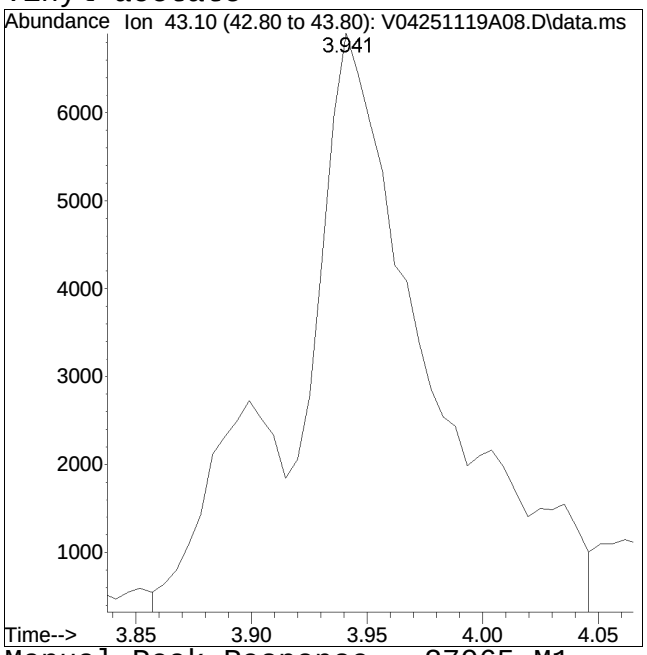
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #27: Vinyl acetate



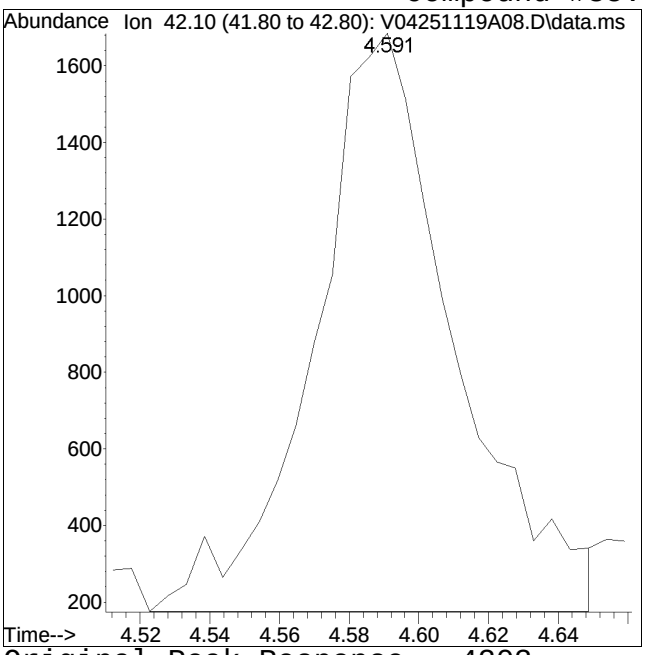


Original Peak Response = 14958 Manual Peak Response = 27065 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

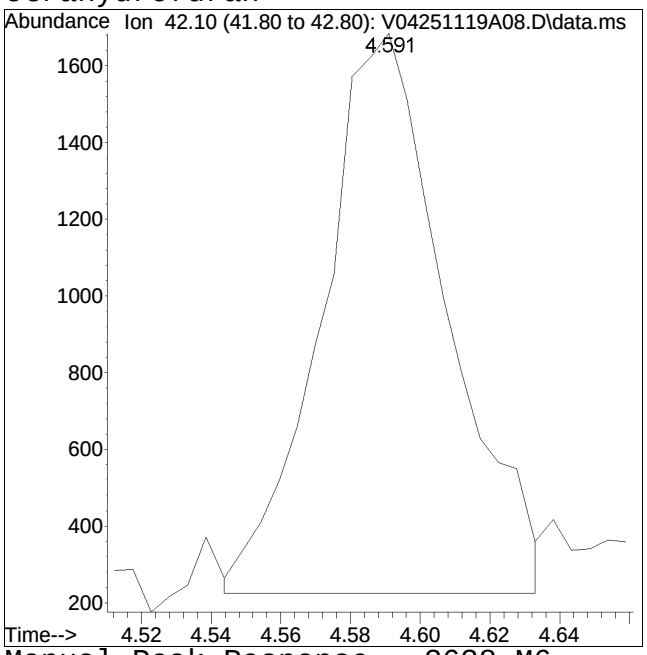
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #35: Tetrahydrofuran



Original Peak Response = 4203



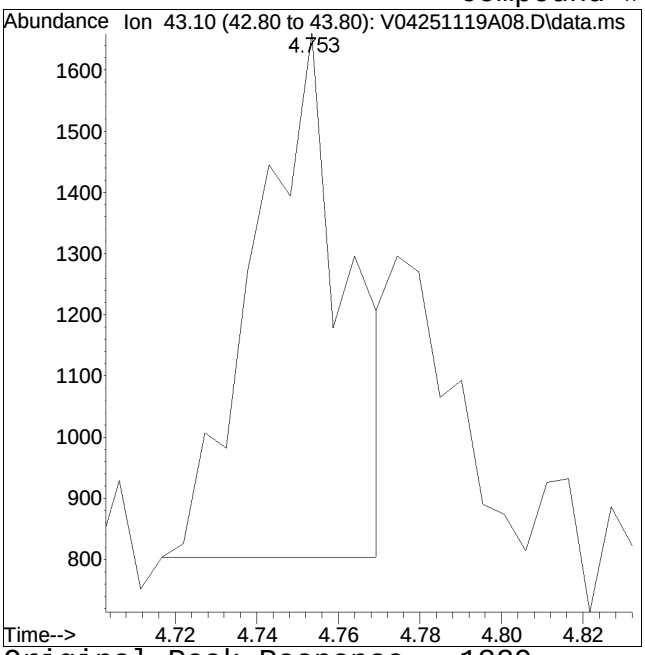
Manual Peak Response = 3638 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

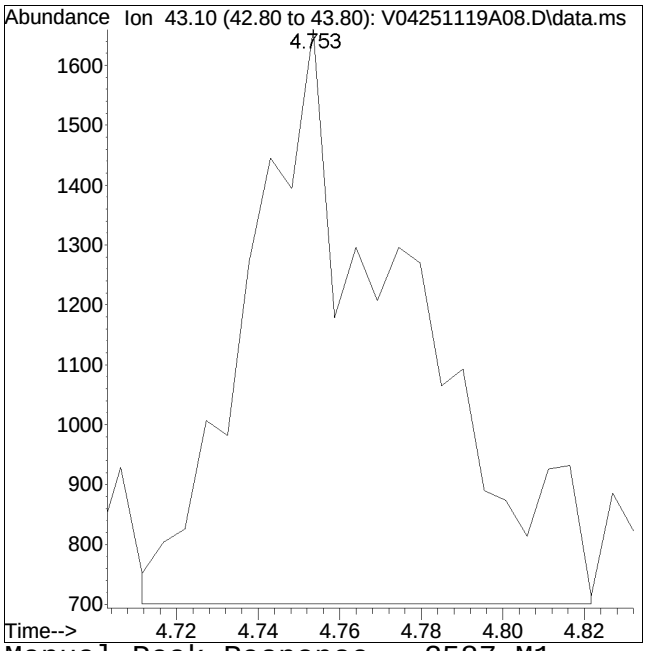
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #39: 2-Butanone



Original Peak Response = 1329



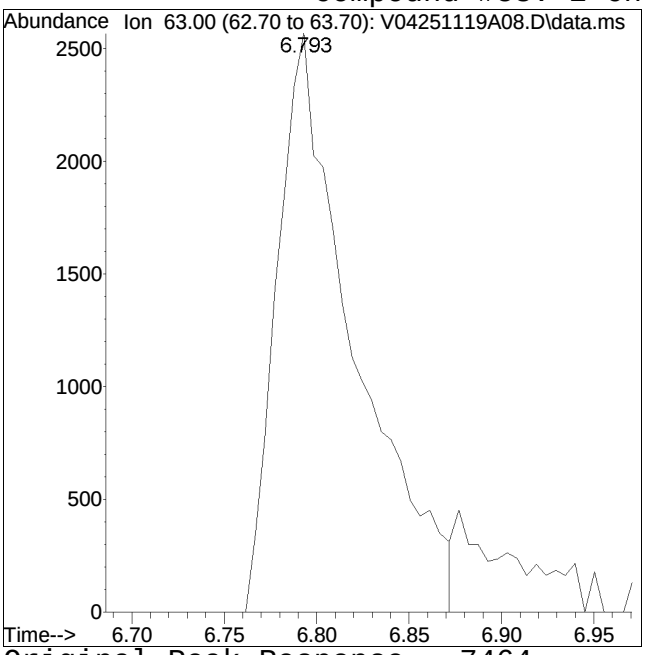
Manual Peak Response = 2587 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

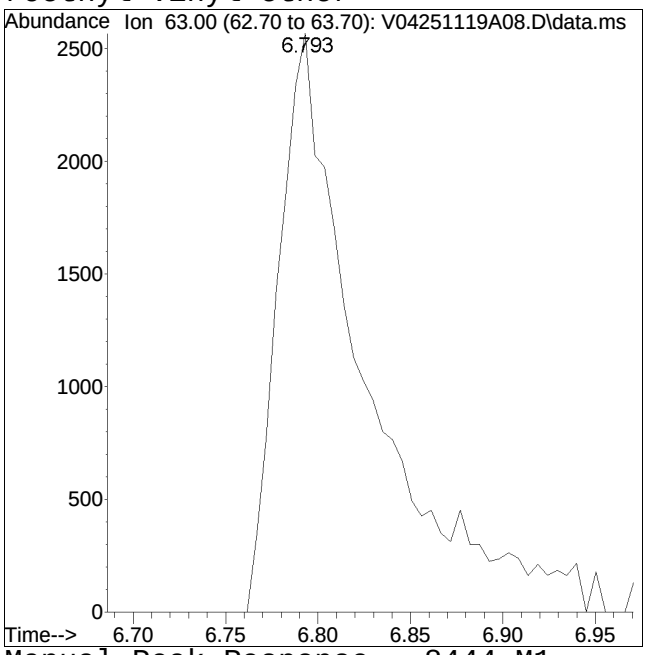
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #53: 2-Chloroethyl vinyl ether



Original Peak Response = 7464



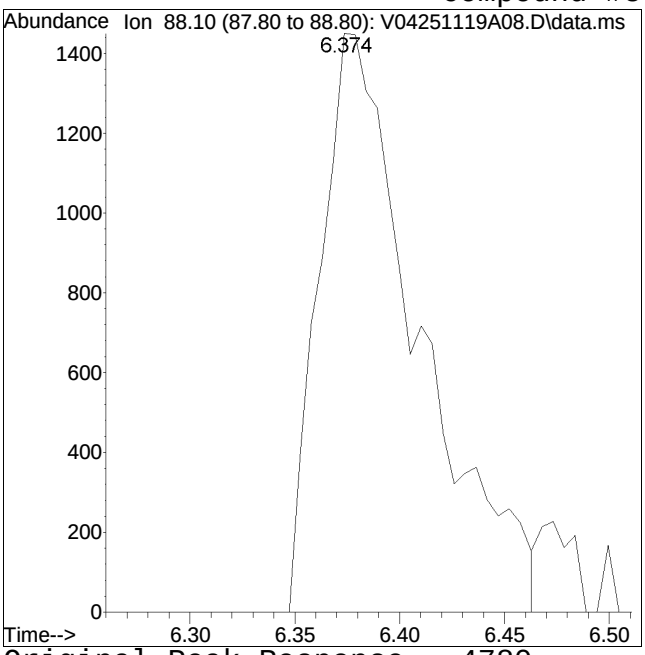
Manual Peak Response = 8444 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

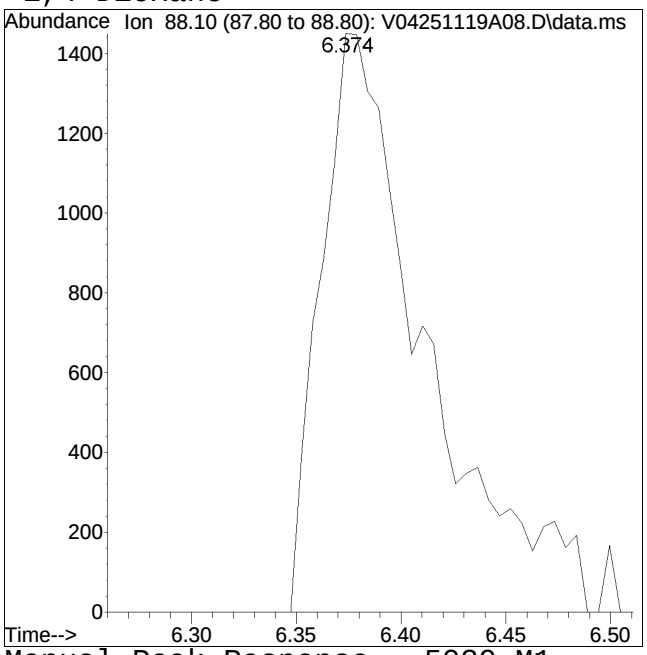
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #57: 1,4-Dioxane



Original Peak Response = 4780



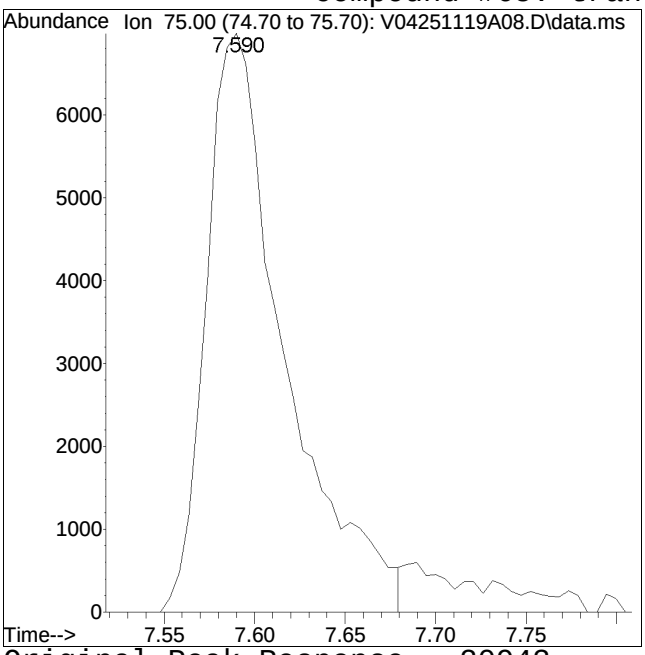
Manual Peak Response = 5029 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

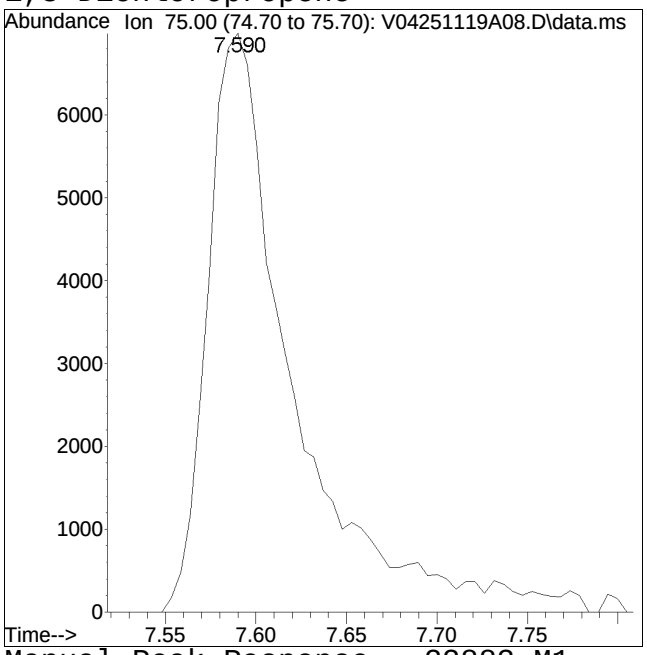
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #65: trans-1,3-Dichloropropene



Original Peak Response = 20943



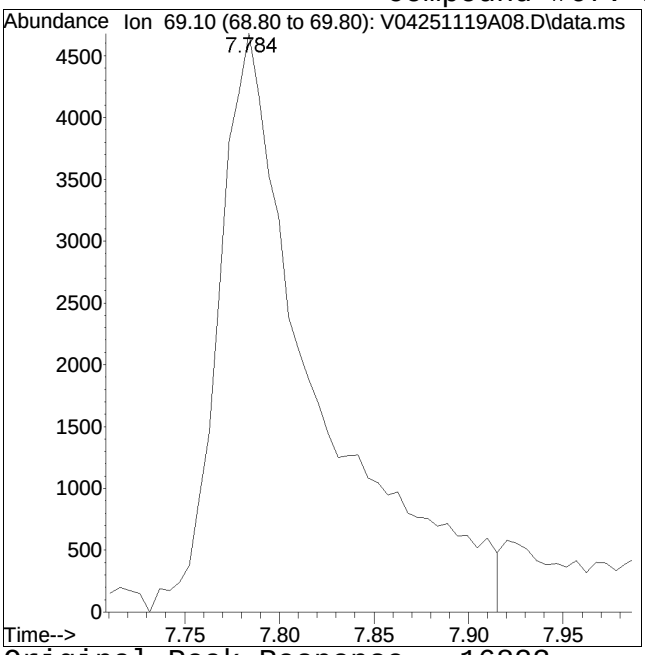
Manual Peak Response = 22883 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

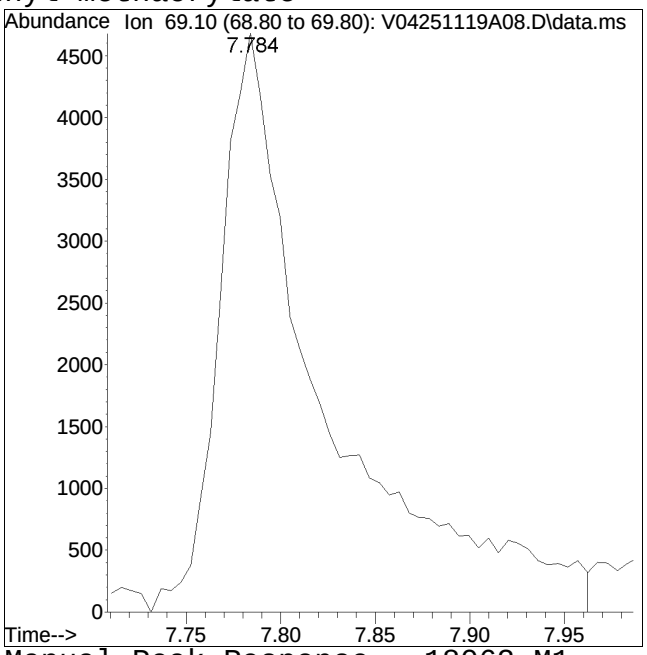
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #67: Ethyl methacrylate



Original Peak Response = 16823



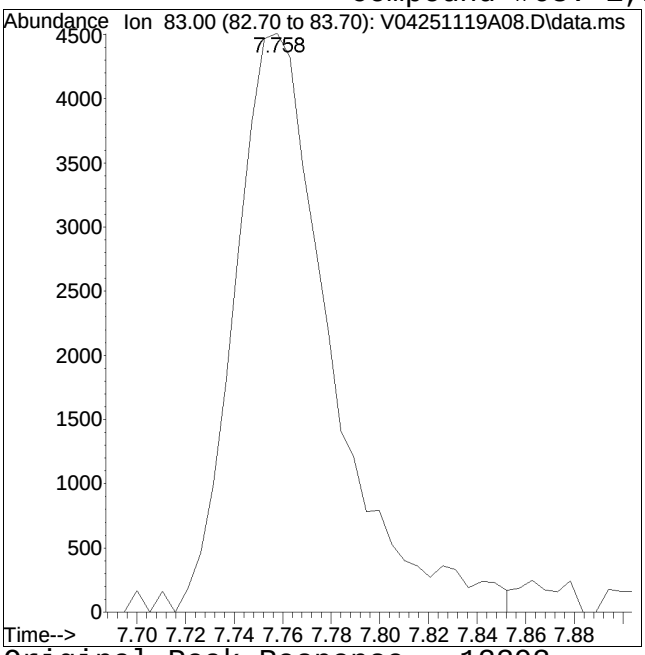
Manual Peak Response = 18062 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

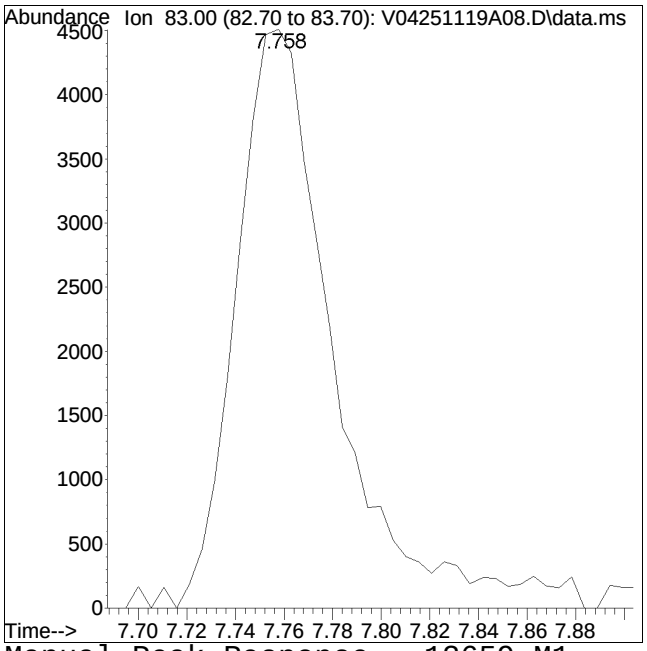
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #68: 1,1,2-Trichloroethane



Original Peak Response = 12393



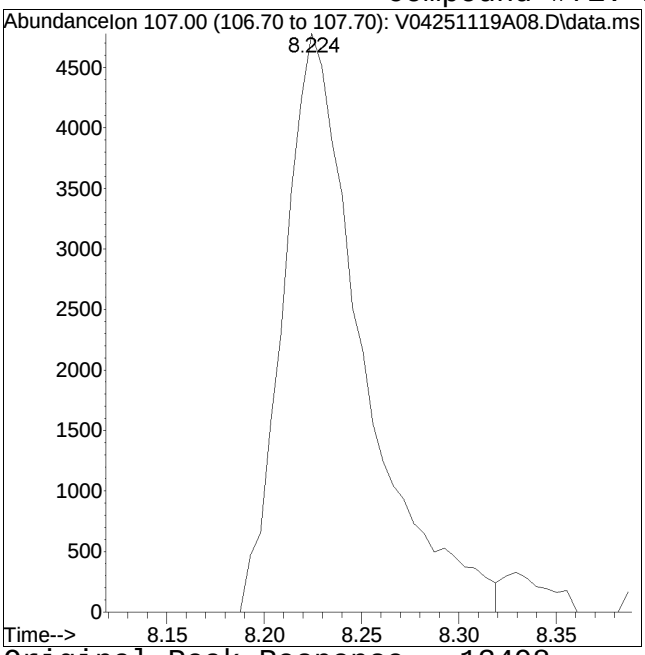
Manual Peak Response = 12659 M1

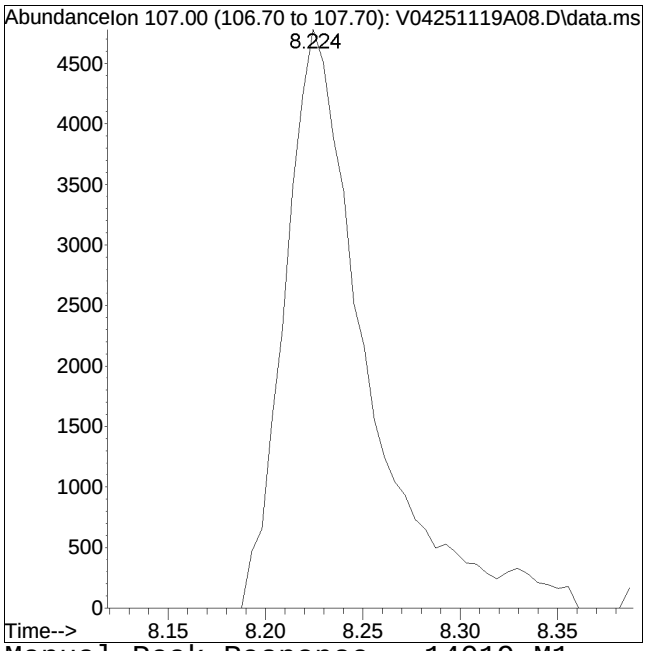
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #71: 1,2-Dibromoethane



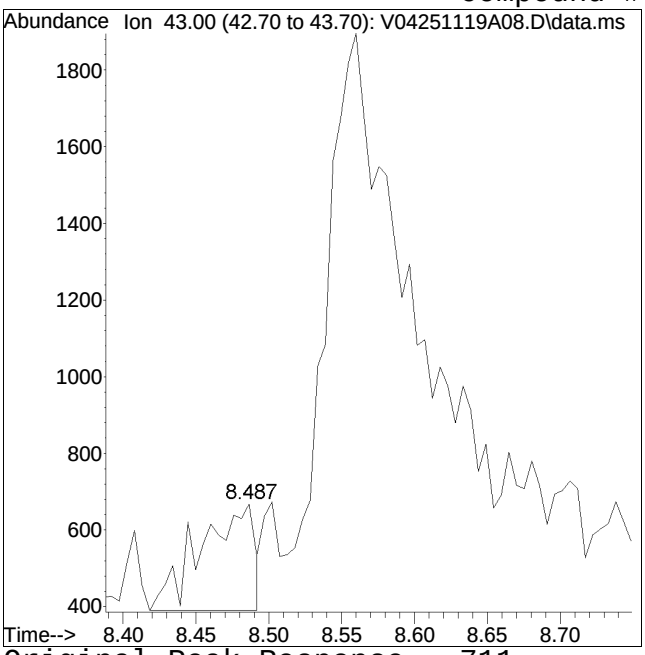


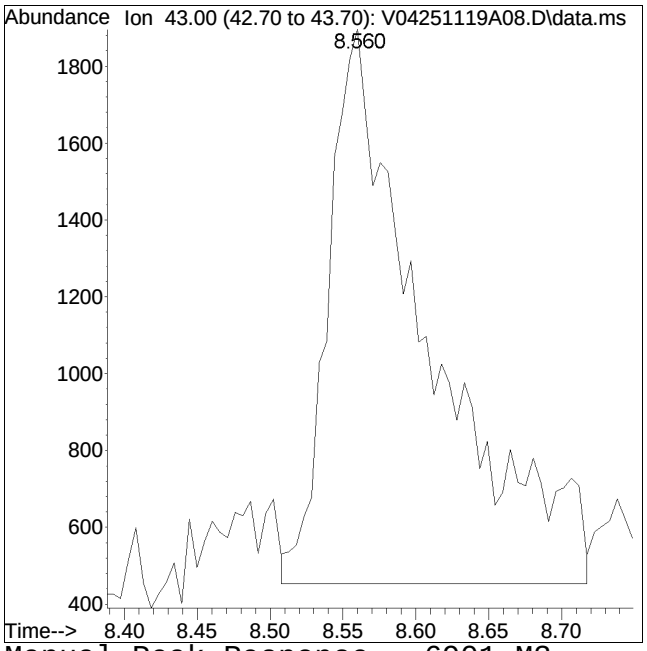
Original Peak Response = 13498 Manual Peak Response = 14019 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #72: 2-Hexanone





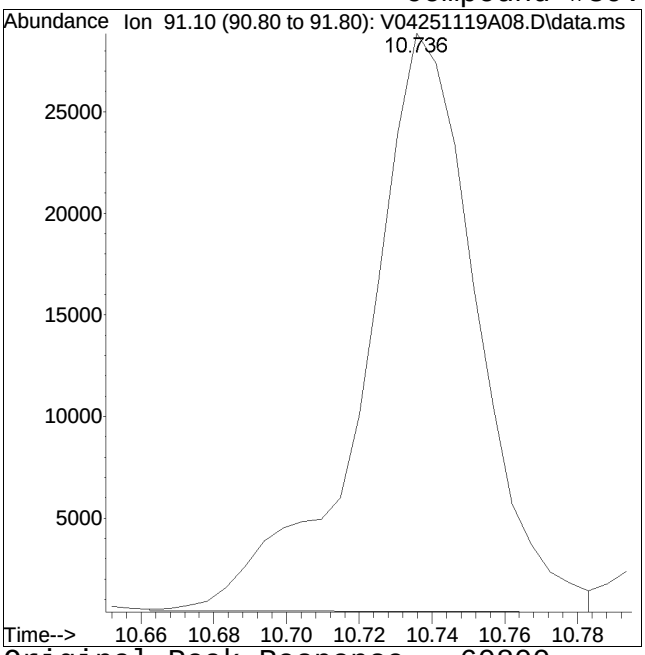
Original Peak Response = 711 Manual Peak Response = 6901 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

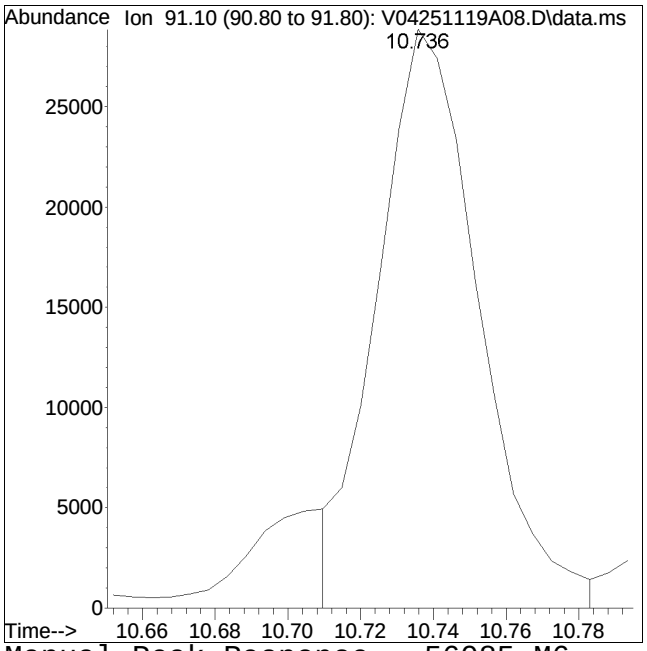
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 60800



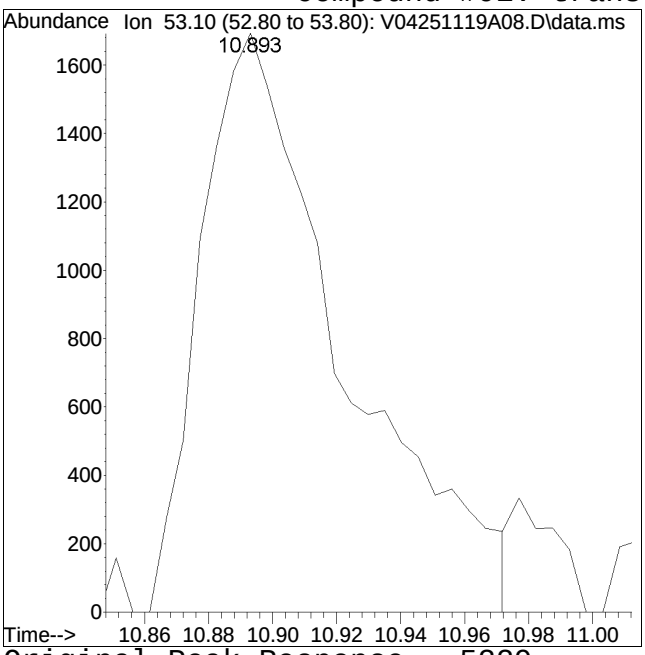
Manual Peak Response = 56085 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

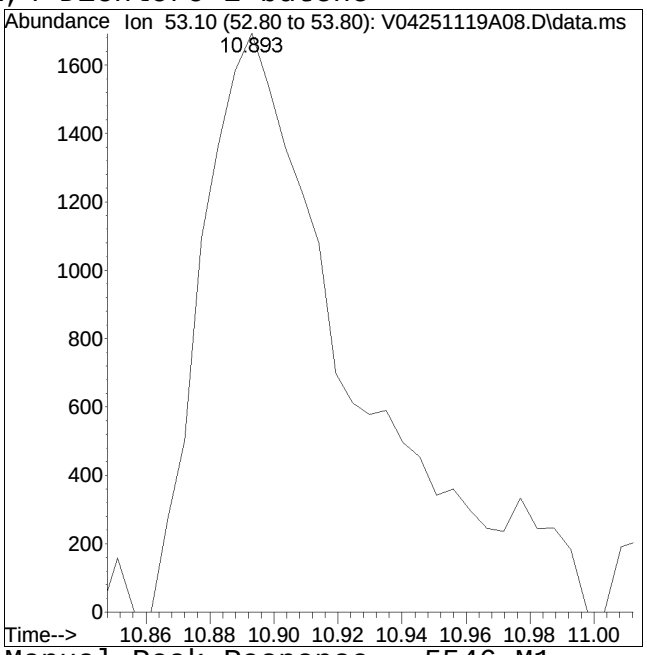
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #92: trans-1,4-Dichloro-2-butene



Original Peak Response = 5229



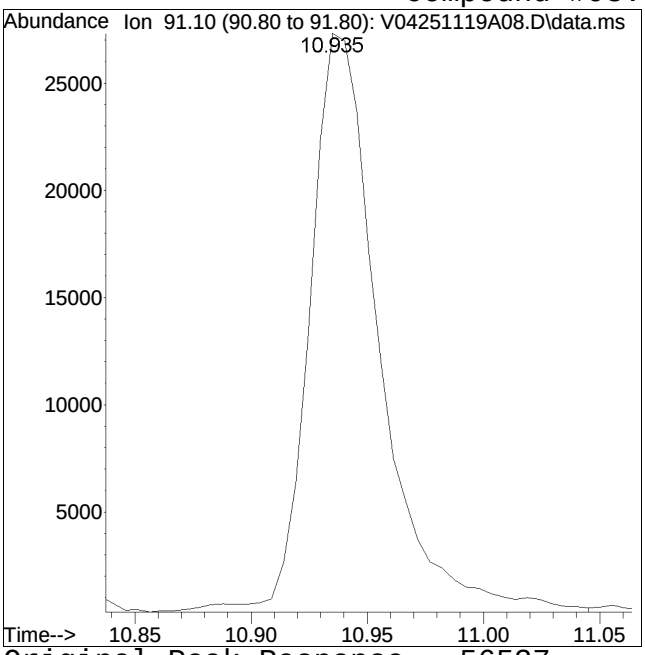
Manual Peak Response = 5546 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

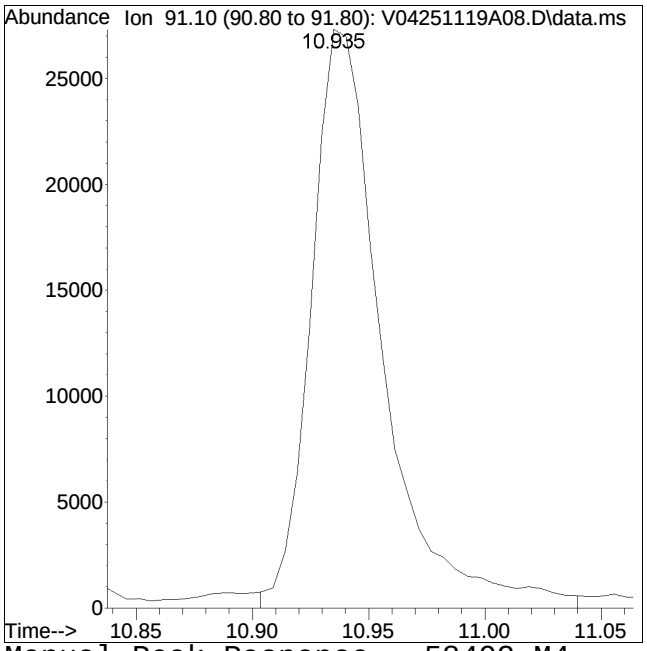
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #93: 4-Chlorotoluene



Original Peak Response = 56537



Manual Peak Response = 58492 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A09.D
Acq On : 19 Nov 2025 9:36 pm
Operator : VOA104:JIC
Sample : I8260STD20PPB
Misc : WG2144251,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 20 07:47:26 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.377	96	323072	20.000	ug/L	0.00
Standard Area 1 = 299397			Recovery = 107.91%			
59) Chlorobenzene-d5	8.838	117	248520	20.000	ug/L	0.00
Standard Area 1 = 232239			Recovery = 107.01%			
79) 1,4-Dichlorobenzene-d4	11.669	152	132877	20.000	ug/L	0.00
Standard Area 1 = 124245			Recovery = 106.95%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.612	113	92602	19.958	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.79%			
43) 1,2-Dichloroethane-d4	5.110	65	79042	19.509	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.55%			
60) Toluene-d8	7.024	98	321883	19.999	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.99%			
83) 4-Bromofluorobenzene	10.395	95	115863	20.144	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.408	85	111891	19.543	ug/L	99
3) Chloromethane	1.571	50	114061	19.276	ug/L	99
4) Vinyl chloride	1.628	62	115452	19.139	ug/L	99
5) Bromomethane	1.885	94	61780	18.229	ug/L	96
6) Chloroethane	1.985	64	71177	19.263	ug/L	93
7) Trichlorofluoromethane	2.100	101	139428	19.186	ug/L	100
8) Ethyl ether	2.352	74	41708	18.853	ug/L	94
10) 1,1-Dichloroethene	2.530	96	78076	19.292	ug/L	96
11) Carbon disulfide	2.556	76	281807	19.481	ug/L	100
12) Freon-113	2.556	101	81315	19.207	ug/L #	73
14) Acrolein	2.824	56	7330M1	18.327	ug/L	
15) Methylene chloride	3.028	84	90809	19.363	ug/L	99
17) Acetone	3.065	43	29346M6	18.526	ug/L	
18) trans-1,2-Dichloroethene	3.165	96	87499	19.543	ug/L	95
19) Methyl acetate	3.175	43	30795	18.032	ug/L #	91
20) Methyl tert-butyl ether	3.243	73	216200	18.829	ug/L	96
21) tert-Butyl alcohol	3.338	59	34504	90.091	ug/L	93
22) Diisopropyl ether	3.574	45	274004	18.960	ug/L	98
23) 1,1-Dichloroethane	3.699	63	168083	19.572	ug/L	98
24) Halothane	3.757	117	69277	19.263	ug/L	99
25) Acrylonitrile	3.762	53	15708	17.445	ug/L #	85

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A09.D
Acq On : 19 Nov 2025 9:36 pm
Operator : VOA104:JIC
Sample : I8260STD20PPB
Misc : WG2144251,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 20 07:47:26 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	3.899	59	256782	18.815	ug/L		98
27) Vinyl acetate	3.925	43	157587	18.322	ug/L		100
28) cis-1,2-Dichloroethene	4.192	96	97294	19.458	ug/L		93
29) 2,2-Dichloropropane	4.276	77	134195	19.275	ug/L		98
30) Bromochloromethane	4.371	128	46010	19.556	ug/L		94
31) Cyclohexane	4.355	56	132339	19.100	ug/L		94
32) Chloroform	4.444	83	166450	20.061	ug/L		99
33) Ethyl acetate	4.554	43	51310	18.135	ug/L		95
34) Carbon tetrachloride	4.554	117	127766	19.261	ug/L		99
35) Tetrahydrofuran	4.585	42	19452	20.339	ug/L		95
37) 1,1,1-Trichloroethane	4.617	97	135410	19.711	ug/L		99
39) 2-Butanone	4.727	43	20530	17.077	ug/L	#	71
40) 1,1-Dichloropropene	4.738	75	109472	19.671	ug/L		98
41) Benzene	4.968	78	318423	19.306	ug/L		99
42) tert-Amyl methyl ether	5.073	73	211718	18.966	ug/L		94
44) 1,2-Dichloroethane	5.178	62	108346	19.282	ug/L		99
47) Methyl cyclohexane	5.524	83	126276	18.435	ug/L		91
48) Trichloroethene	5.550	95	86812	19.213	ug/L		97
50) Dibromomethane	5.985	93	50153	18.833	ug/L		99
51) 1,2-Dichloropropane	6.075	63	89383	19.370	ug/L		99
53) 2-Chloroethyl vinyl ether	6.772	63	44136	17.958	ug/L		98
54) Bromodichloromethane	6.158	83	122664	19.061	ug/L		98
57) 1,4-Dioxane	6.368	88	24434M1	853.005	ug/L		
58) cis-1,3-Dichloropropene	6.830	75	137831	18.849	ug/L		92
61) Toluene	7.081	92	197989	19.157	ug/L		99
62) 4-Methyl-2-pentanone	7.522	58	22586	18.929	ug/L		95
63) Tetrachloroethene	7.516	166	93865	19.027	ug/L		99
65) trans-1,3-Dichloropropene	7.574	75	115290	19.043	ug/L		97
67) Ethyl methacrylate	7.768	69	80955	18.734	ug/L		100
68) 1,1,2-Trichloroethane	7.752	83	57482	19.514	ug/L		97
69) Chlorodibromomethane	7.952	129	97072	19.304	ug/L		98
70) 1,3-Dichloropropane	8.062	76	107620	19.184	ug/L		98
71) 1,2-Dibromoethane	8.219	107	68525	18.698	ug/L		99
72) 2-Hexanone	8.528	43	36254	18.156	ug/L		98
73) Chlorobenzene	8.859	112	237145	19.281	ug/L		100
74) Ethylbenzene	8.895	91	370755	18.812	ug/L		99
75) 1,1,1,2-Tetrachloroethane	8.942	131	92371	19.411	ug/L		98
76) p/m Xylene	9.084	106	288827	38.494	ug/L		99
77) o Xylene	9.624	106	293974	38.463	ug/L		100
78) Styrene	9.697	104	477566	38.683	ug/L		97

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A09.D
Acq On : 19 Nov 2025 9:36 pm
Operator : VOA104:JIC
Sample : I8260STD20PPB
Misc : WG2144251,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 20 07:47:26 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	9.724	173	61673	19.482	ug/L	100
82) Isopropylbenzene	10.033	105	370417	19.182	ug/L	99
84) Bromobenzene	10.505	156	103802	19.188	ug/L	100
85) n-Propylbenzene	10.563	91	426568	19.054	ug/L	100
86) 1,4-Dichlorobutane	10.584	55	110918	19.454	ug/L	96
87) 1,1,2,2-Tetrachloroethane	10.678	83	80970	19.201	ug/L	99
88) 4-Ethyltoluene	10.699	105	353153	19.083	ug/L	99
89) 2-Chlorotoluene	10.736	91	258700M6	19.543	ug/L	
90) 1,3,5-Trimethylbenzene	10.804	105	306022	19.091	ug/L	98
91) 1,2,3-Trichloropropane	10.809	75	58454	19.505	ug/L	98
92) trans-1,4-Dichloro-2-b...	10.882	53	21975	19.562	ug/L	88
93) 4-Chlorotoluene	10.930	91	256622	19.310	ug/L	95
94) tert-Butylbenzene	11.160	119	263689	18.957	ug/L	99
97) 1,2,4-Trimethylbenzene	11.249	105	303970	19.058	ug/L	99
98) sec-Butylbenzene	11.360	105	389578	18.814	ug/L	99
99) p-Isopropyltoluene	11.527	119	335733	18.898	ug/L	99
100) 1,3-Dichlorobenzene	11.590	146	182271	19.057	ug/L	100
101) 1,4-Dichlorobenzene	11.685	146	184294	19.318	ug/L	100
102) p-Diethylbenzene	11.915	119	192495	18.393	ug/L	98
103) n-Butylbenzene	11.973	91	291756	18.400	ug/L	99
104) 1,2-Dichlorobenzene	12.120	146	173993	19.176	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.733	119	298308	18.134	ug/L	99
106) 1,2-Dibromo-3-chloropr...	12.927	155	13267	18.057	ug/L	98
107) 1,3,5-Trichlorobenzene	12.953	180	135290	18.436	ug/L	98
108) Hexachlorobutadiene	13.541	225	70185	18.237	ug/L	99
109) 1,2,4-Trichlorobenzene	13.562	180	112144	18.242	ug/L	99
110) Naphthalene	13.855	128	187888	17.699	ug/L	100
111) 1,2,3-Trichlorobenzene	14.028	180	94809	18.488	ug/L	99

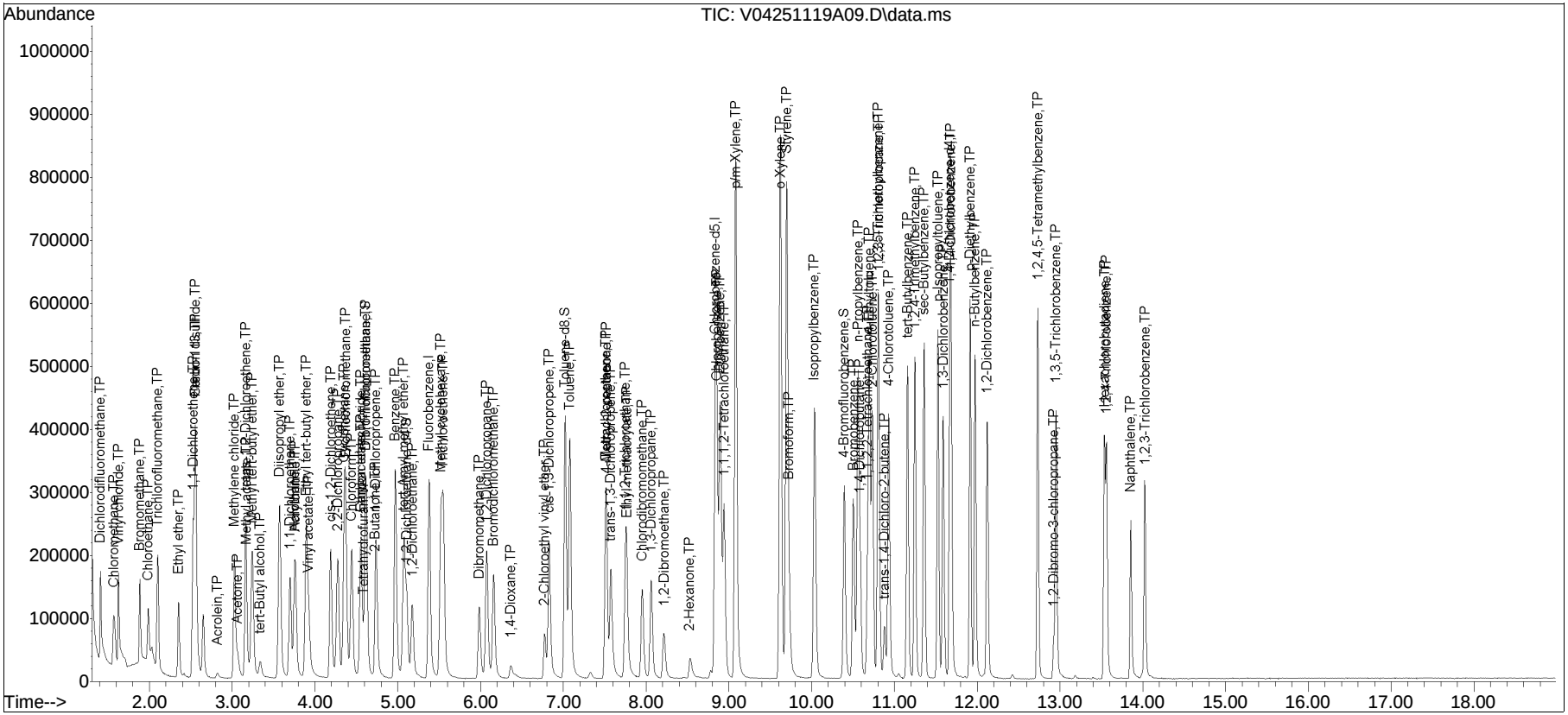
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A09.D
Acq On : 19 Nov 2025 9:36 pm
Operator : VOA104:JIC
Sample : I8260STD20PPB
Misc : WG2144251,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 20 07:47:26 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

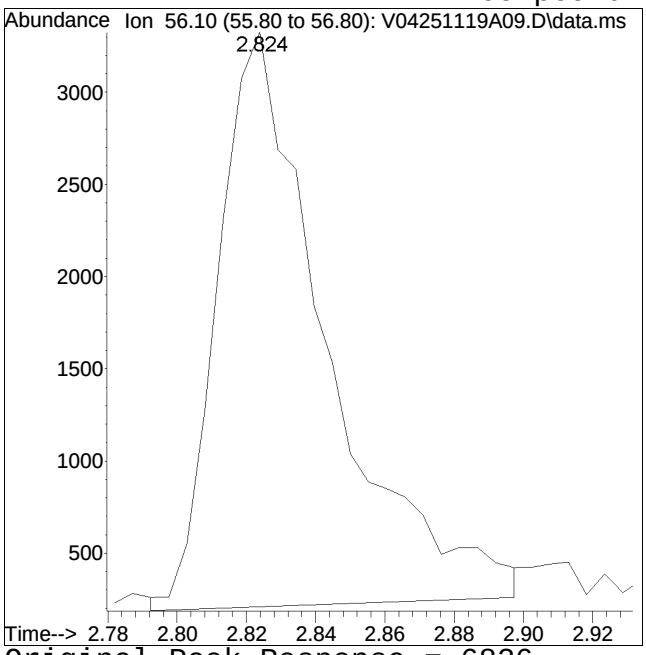
Sub List : 8260-CurveSoil - Megamix plus Diox51119A10.D•

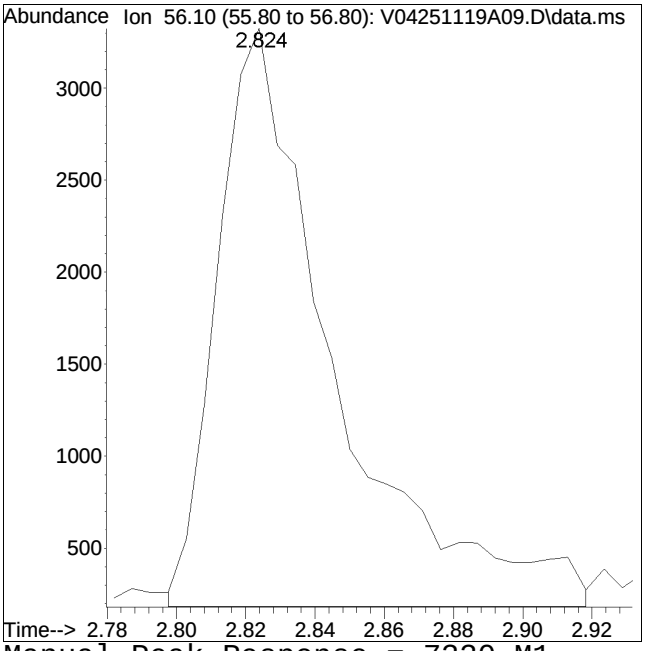


Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A09.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:36 pm Instrument : VOA104
Sample : I8260STD20PPB Quant Date : 11/20/2025 7:25 am

Compound #14: Acrolein



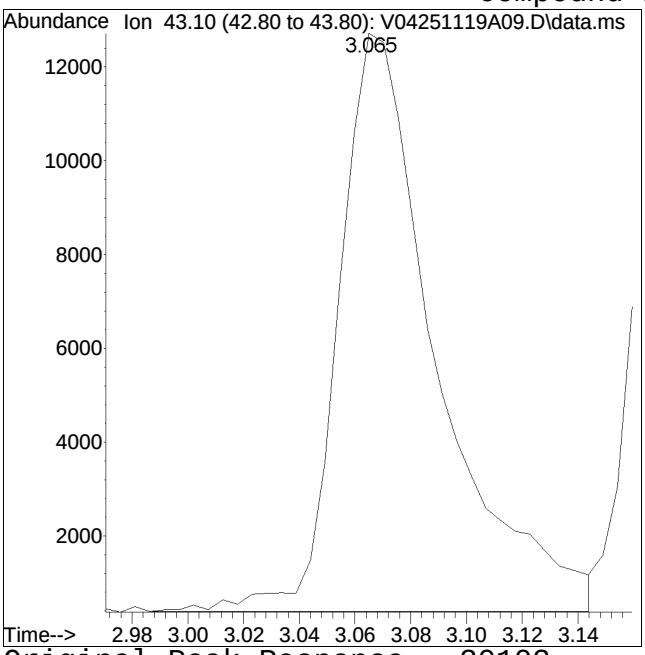


Original Peak Response = 6826 Manual Peak Response = 7330 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

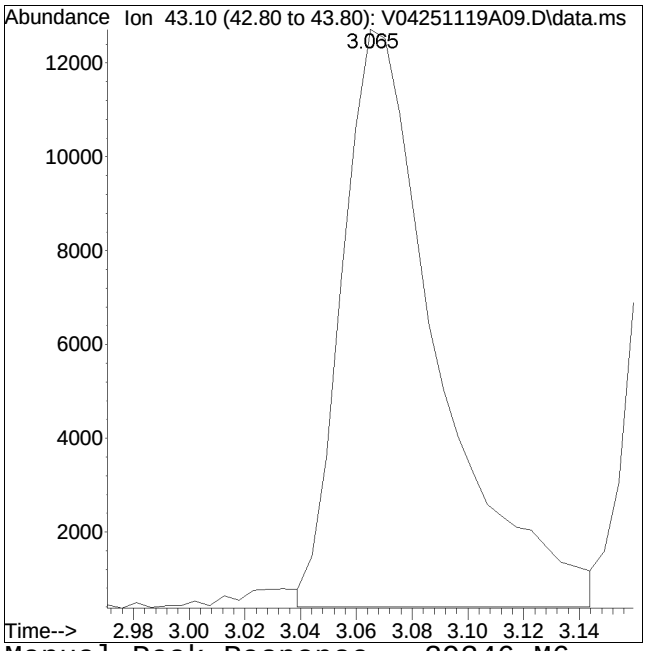
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A09.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:36 pm Instrument : VOA104
Sample : I8260STD20PPB Quant Date : 11/20/2025 7:25 am

Compound #17: Acetone



Original Peak Response = 30103



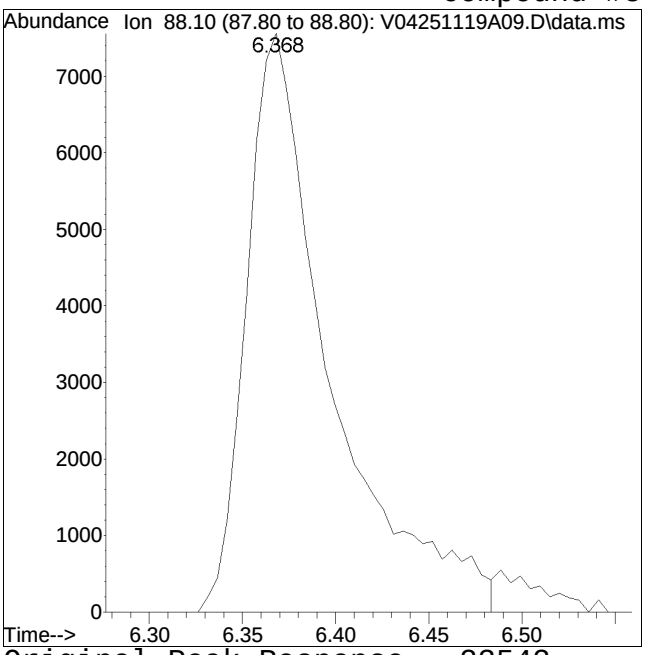
Manual Peak Response = 29346 M6

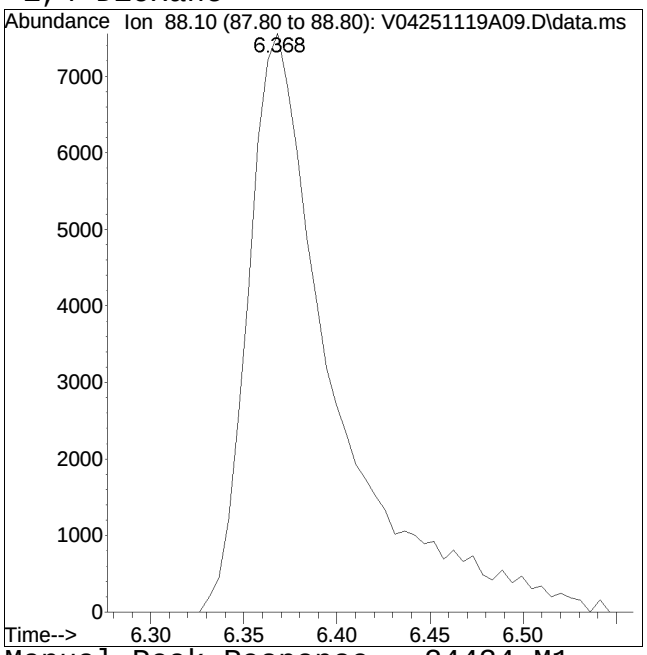
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A09.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:36 pm Instrument : VOA104
Sample : I8260STD20PPB Quant Date : 11/20/2025 7:25 am

Compound #57: 1,4-Dioxane



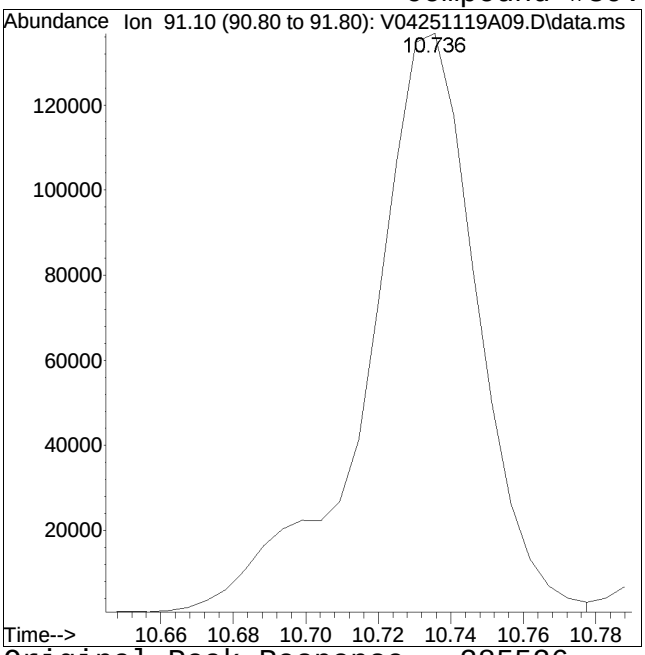


Original Peak Response = 23542 Manual Peak Response = 24434 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

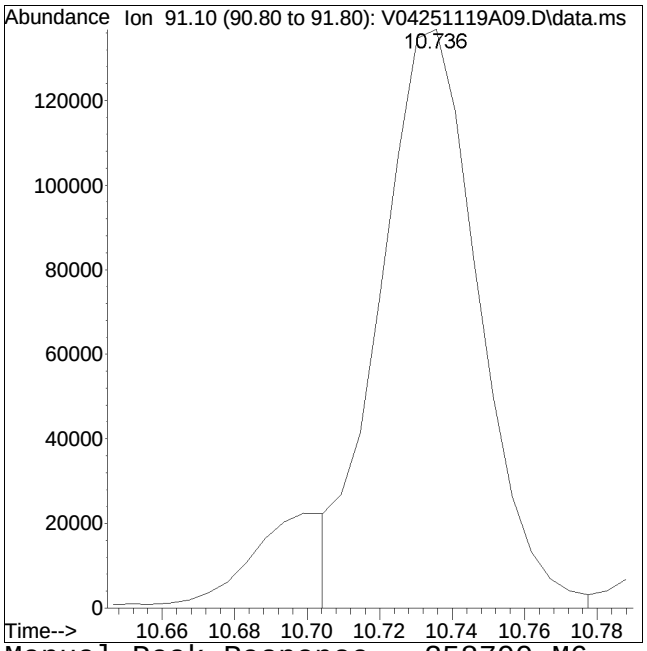
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A09.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:36 pm Instrument : VOA104
Sample : I8260STD20PPB Quant Date : 11/20/2025 7:25 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 285526



Manual Peak Response = 258700 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A10.D
Acq On : 19 Nov 2025 10:03 pm
Operator : VOA104:JIC
Sample : I8260STD40PPB
Misc : WG2144251,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 20 07:52:20 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jun 12 14:02:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.377	96	299397	20.000	ug/L	0.00
Standard Area 1 = 299397			Recovery = 100.00%			
59) Chlorobenzene-d5	8.838	117	232239	20.000	ug/L	0.00
Standard Area 1 = 232239			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	11.669	152	124245	20.000	ug/L	0.00
Standard Area 1 = 124245			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.612	113	85996	20.009	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.05%			
43) 1,2-Dichloroethane-d4	5.110	65	75095	19.466	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.33%			
60) Toluene-d8	7.024	98	300810	19.011	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.06%			
83) 4-Bromofluorobenzene	10.395	95	107563	19.193	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.97%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.408	85	212228	39.537	ug/L	99
3) Chloromethane	1.571	50	219347	44.325	ug/L	100
4) Vinyl chloride	1.628	62	223613	39.102	ug/L	100
5) Bromomethane	1.885	94	125632	26.562	ug/L	97
6) Chloroethane	1.985	64	136969	39.168	ug/L	94
7) Trichlorofluoromethane	2.100	101	269390	33.554	ug/L	99
8) Ethyl ether	2.352	74	82005	42.768	ug/L	94
10) 1,1-Dichloroethene	2.530	96	150017	37.441	ug/L	96
11) Carbon disulfide	2.556	76	536217	37.613	ug/L	99
12) Freon-113	2.556	101	156938	39.277	ug/L #	75
14) Acrolein	2.819	56	14826	38.315	ug/L	94
15) Methylene chloride	3.028	84	173845	35.688	ug/L	98
17) Acetone	3.065	43	58718	69.058	ug/L	97
18) trans-1,2-Dichloroethene	3.165	96	165968	37.589	ug/L	96
19) Methyl acetate	3.170	43	63305	47.028	ug/L #	91
20) Methyl tert-butyl ether	3.243	73	425645	43.643	ug/L	96
21) tert-Butyl alcohol	3.338	59	70985	253.118	ug/L	95
22) Diisopropyl ether	3.574	45	535715	50.117	ug/L	98
23) 1,1-Dichloroethane	3.699	63	318340	39.922	ug/L	98
24) Halothane	3.757	117	133311	39.948	ug/L	99
25) Acrylonitrile	3.757	53	33378	51.242	ug/L	93

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A10.D
Acq On : 19 Nov 2025 10:03 pm
Operator : VOA104:JIC
Sample : I8260STD40PPB
Misc : WG2144251,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 20 07:52:20 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jun 12 14:02:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	3.893	59	505901	45.973	ug/L		97
27) Vinyl acetate	3.925	43	318828	71.021	ug/L		99
28) cis-1,2-Dichloroethene	4.187	96	185352	39.162	ug/L		93
29) 2,2-Dichloropropane	4.276	77	258082	36.838	ug/L		98
30) Bromochloromethane	4.371	128	87211	40.448	ug/L		93
31) Cyclohexane	4.355	56	256844	42.514	ug/L		94
32) Chloroform	4.444	83	307573	37.289	ug/L		99
33) Ethyl acetate	4.549	43	104879	52.975	ug/L	#	94
34) Carbon tetrachloride	4.554	117	245886	37.561	ug/L		100
35) Tetrahydrofuran	4.575	42	38687M1	44.712	ug/L		
37) 1,1,1-Trichloroethane	4.617	97	254660	36.556	ug/L		99
39) 2-Butanone	4.722	43	44564	53.232	ug/L	#	81
40) 1,1-Dichloropropene	4.738	75	206292	41.462	ug/L		99
41) Benzene	4.968	78	611381	39.875	ug/L		98
42) tert-Amyl methyl ether	5.073	73	413793	43.072	ug/L		95
44) 1,2-Dichloroethane	5.173	62	208288	40.461	ug/L		98
47) Methyl cyclohexane	5.524	83	253907	39.969	ug/L		92
48) Trichloroethene	5.550	95	167490	36.482	ug/L		97
50) Dibromomethane	5.980	93	98717	39.093	ug/L		99
51) 1,2-Dichloropropane	6.075	63	171052	42.535	ug/L		99
53) 2-Chloroethyl vinyl ether	6.772	63	91104	50.561	ug/L		98
54) Bromodichloromethane	6.158	83	238545	37.309	ug/L		99
57) 1,4-Dioxane	6.363	88	53091M1	2218.890	ug/L		
58) cis-1,3-Dichloropropene	6.830	75	271058	43.100	ug/L		96
61) Toluene	7.081	92	386324	35.058	ug/L		99
62) 4-Methyl-2-pentanone	7.522	58	44602	49.918	ug/L		94
63) Tetrachloroethene	7.511	166	184405	40.557	ug/L		99
65) trans-1,3-Dichloropropene	7.574	75	226308	40.937	ug/L		97
67) Ethyl methacrylate	7.763	69	161526	41.599	ug/L		99
68) 1,1,2-Trichloroethane	7.752	83	110110	37.699	ug/L		99
69) Chlorodibromomethane	7.952	129	187968	39.534	ug/L		99
70) 1,3-Dichloropropane	8.062	76	209695	40.589	ug/L		99
71) 1,2-Dibromoethane	8.214	107	136993	41.187	ug/L		100
72) 2-Hexanone	8.523	43	74641	47.888	ug/L		99
73) Chlorobenzene	8.853	112	459754	37.777	ug/L		100
74) Ethylbenzene	8.895	91	736708	35.124	ug/L		100
75) 1,1,1,2-Tetrachloroethane	8.942	131	177874	39.188	ug/L		99
76) p/m Xylene	9.084	106	560927	70.883	ug/L		99
77) o Xylene	9.624	106	571381	71.615	ug/L		99
78) Styrene	9.697	104	922939	70.980	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A10.D
Acq On : 19 Nov 2025 10:03 pm
Operator : VOA104:JIC
Sample : I8260STD40PPB
Misc : WG2144251,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 20 07:52:20 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jun 12 14:02:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	9.724	173	118399	42.109	ug/L		99
82) Isopropylbenzene	10.033	105	722266	34.615	ug/L		99
84) Bromobenzene	10.505	156	202334	38.306	ug/L		99
85) n-Propylbenzene	10.557	91	837308	34.014	ug/L		100
86) 1,4-Dichlorobutane	10.584	55	213249	41.999	ug/L		96
87) 1,1,2,2-Tetrachloroethane	10.678	83	157724	36.059	ug/L		99
88) 4-Ethyltoluene	10.694	105	692161	34.342	ug/L		100
89) 2-Chlorotoluene	10.730	91	495109M6	34.181	ug/L		
90) 1,3,5-Trimethylbenzene	10.804	105	599523	33.511	ug/L		98
91) 1,2,3-Trichloropropane	10.809	75	112085	37.197	ug/L		98
92) trans-1,4-Dichloro-2-b...	10.877	53	42015	39.644	ug/L	#	81
93) 4-Chlorotoluene	10.930	91	497056	33.767	ug/L		96
94) tert-Butylbenzene	11.160	119	520263	34.862	ug/L		99
97) 1,2,4-Trimethylbenzene	11.244	105	596547	34.245	ug/L		99
98) sec-Butylbenzene	11.360	105	774473	34.340	ug/L		99
99) p-Isopropyltoluene	11.527	119	664464	34.756	ug/L		99
100) 1,3-Dichlorobenzene	11.585	146	357725	37.044	ug/L		99
101) 1,4-Dichlorobenzene	11.685	146	356814	35.147	ug/L		99
102) p-Diethylbenzene	11.915	119	391436	34.828	ug/L		98
103) n-Butylbenzene	11.973	91	593056	35.571	ug/L		99
104) 1,2-Dichlorobenzene	12.120	146	339357	37.318	ug/L		99
105) 1,2,4,5-Tetramethylben...	12.733	119	615263	36.726	ug/L		99
106) 1,2-Dibromo-3-chloropr...	12.927	155	27480	44.736	ug/L		99
107) 1,3,5-Trichlorobenzene	12.953	180	274468	37.256	ug/L		99
108) Hexachlorobutadiene	13.535	225	143943	38.773	ug/L		99
109) 1,2,4-Trichlorobenzene	13.562	180	229934	39.367	ug/L		99
110) Naphthalene	13.855	128	397038	39.993	ug/L		100
111) 1,2,3-Trichlorobenzene	14.023	180	191799	39.608	ug/L		98

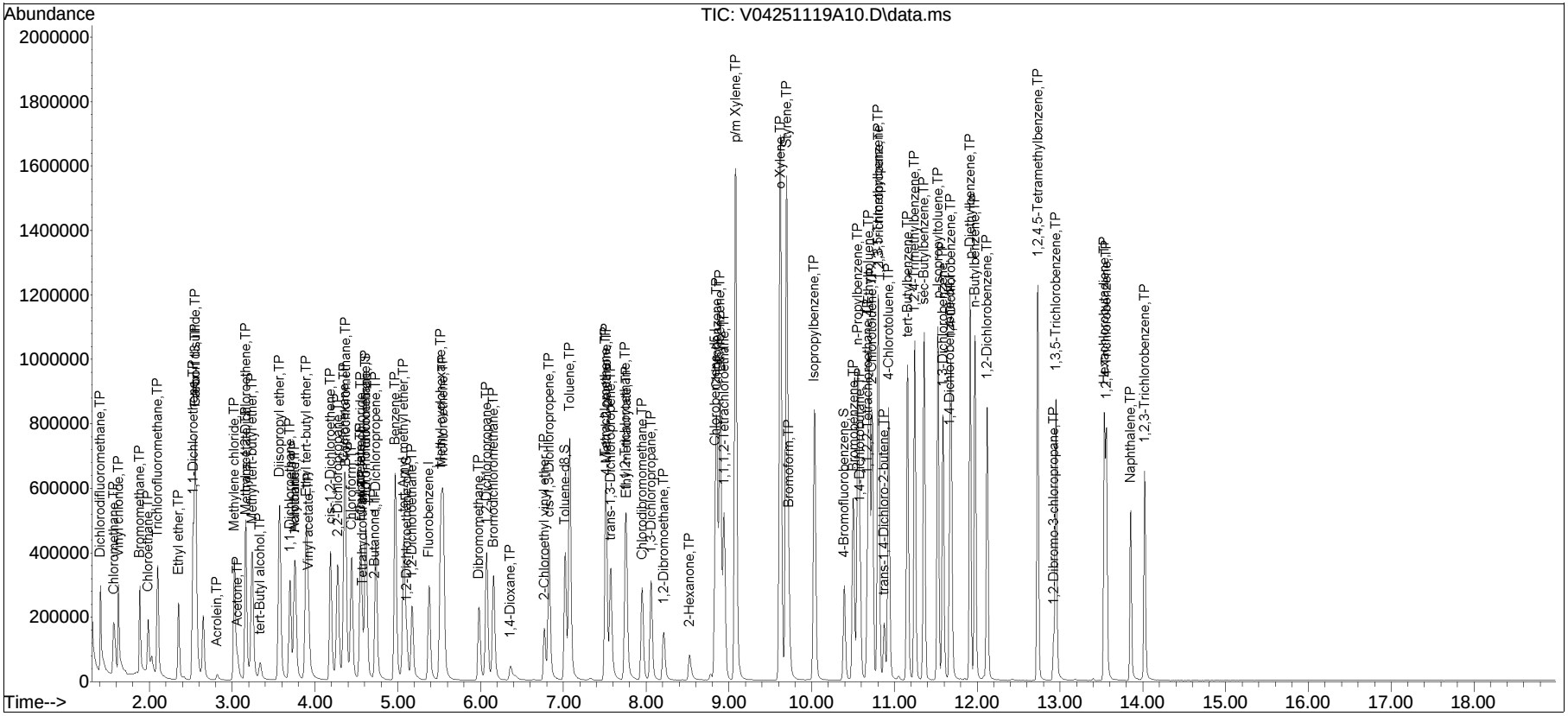
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A10.D
Acq On : 19 Nov 2025 10:03 pm
Operator : VOA104:JIC
Sample : I8260STD40PPB
Misc : WG2144251,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 20 07:52:20 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jun 12 14:02:06 2025
Response via : Initial Calibration

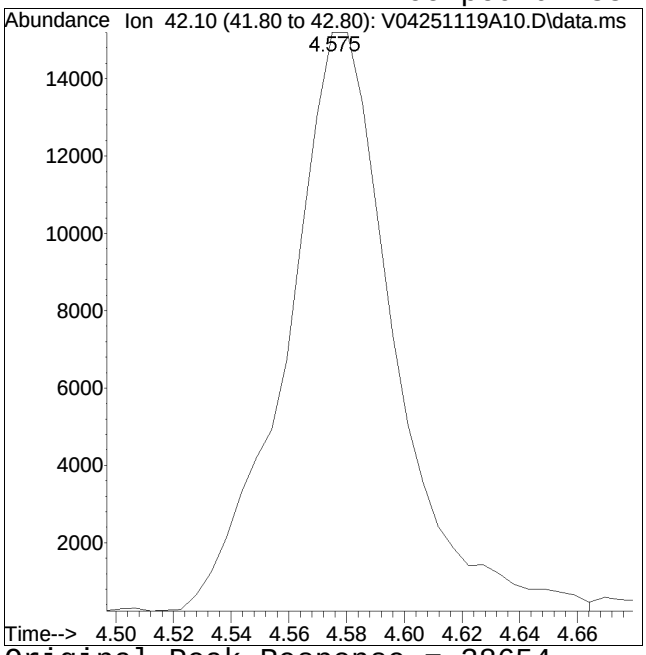
Sub List : 8260-CurveSoil - Megamix plus Diox51119A10.D•

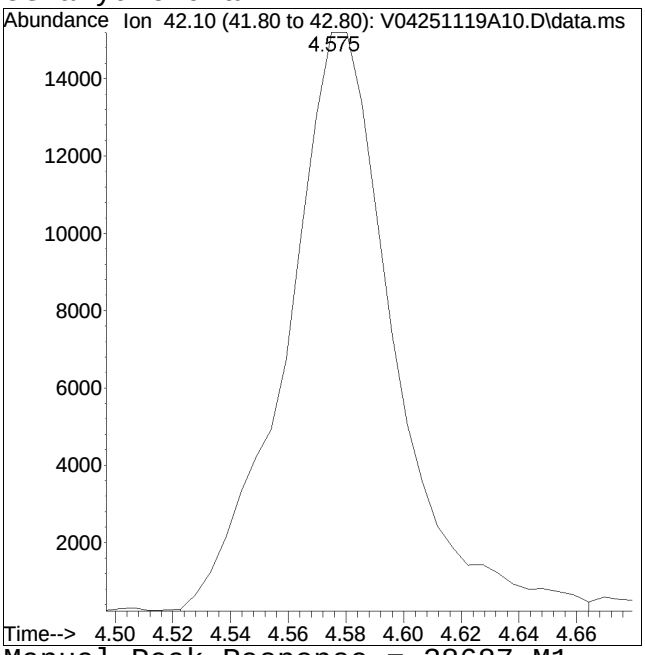


Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A10.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 10:03 pm Instrument : VOA104
Sample : I8260STD40PPB Quant Date : 11/20/2025 7:14 am

Compound #35: Tetrahydrofuran





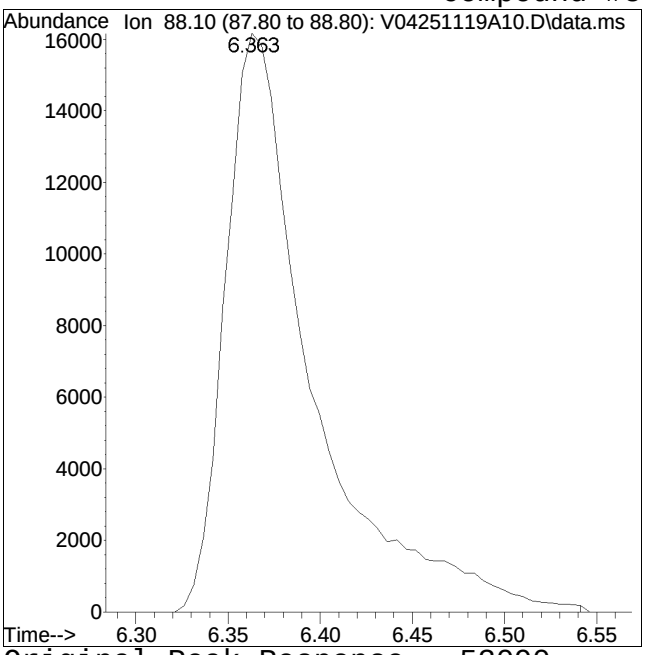
Original Peak Response = 38654 Manual Peak Response = 38687 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

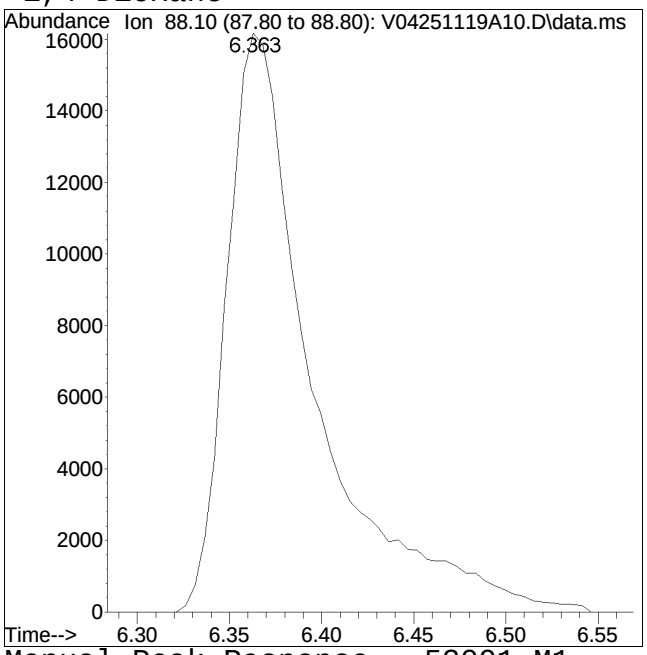
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A10.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 10:03 pm Instrument : VOA104
Sample : I8260STD40PPB Quant Date : 11/20/2025 7:14 am

Compound #57: 1,4-Dioxane



Original Peak Response = 53090



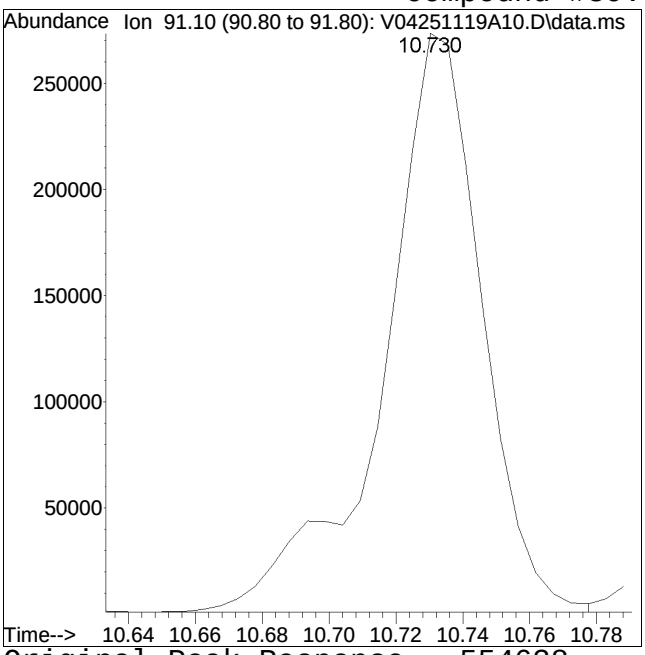
Manual Peak Response = 53091 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

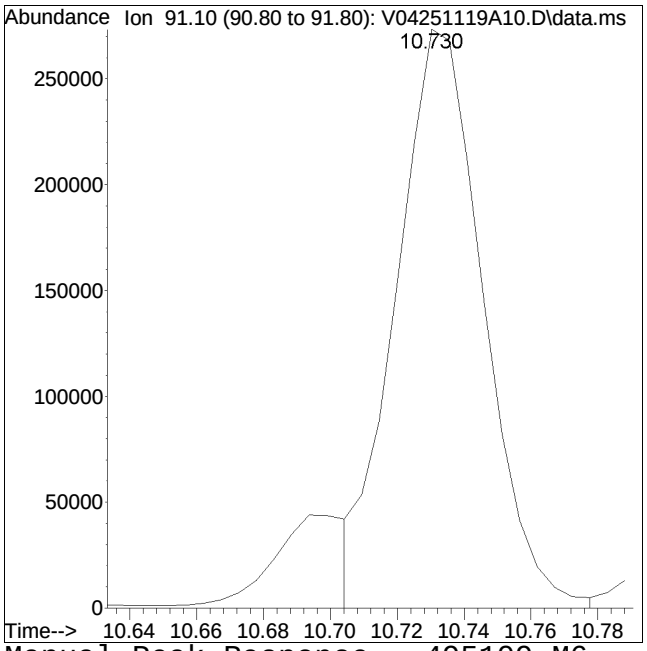
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A10.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 10:03 pm Instrument : VOA104
Sample : I8260STD40PPB Quant Date : 11/20/2025 7:14 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 554638



Manual Peak Response = 495109 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A11.D
Acq On : 19 Nov 2025 10:29 pm
Operator : VOA104:JIC
Sample : I8260STD100PPB
Misc : WG2144251,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 20 07:52:39 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.377	96	294617	20.000	ug/L	0.00
Standard Area 1 = 299397			Recovery = 98.40%			
59) Chlorobenzene-d5	8.832	117	232595	20.000	ug/L	0.00
Standard Area 1 = 232239			Recovery = 100.15%			
79) 1,4-Dichlorobenzene-d4	11.669	152	123356	20.000	ug/L	0.00
Standard Area 1 = 124245			Recovery = 99.28%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.612	113	82843	19.579	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.89%			
43) 1,2-Dichloroethane-d4	5.110	65	72410	19.598	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.99%			
60) Toluene-d8	7.024	98	297730	19.765	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.83%			
83) 4-Bromofluorobenzene	10.395	95	107127	20.062	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.31%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.408	85	541235	103.665	ug/L	99
3) Chloromethane	1.571	50	530872	98.380	ug/L	100
4) Vinyl chloride	1.623	62	552999	100.526	ug/L	99
5) Bromomethane	1.885	94	326149	105.527	ug/L	96
6) Chloroethane	1.980	64	312341	92.695	ug/L	95
7) Trichlorofluoromethane	2.100	101	666980	100.642	ug/L	99
8) Ethyl ether	2.352	74	203954	101.098	ug/L	92
10) 1,1-Dichloroethene	2.525	96	369759	100.191	ug/L	95
11) Carbon disulfide	2.551	76	1291652	97.916	ug/L	100
12) Freon-113	2.557	101	379998	98.424	ug/L #	75
14) Acrolein	2.819	56	38351	105.148	ug/L	95
15) Methylene chloride	3.028	84	419668	98.128	ug/L	97
17) Acetone	3.060	43	131128	90.777	ug/L	99
18) trans-1,2-Dichloroethene	3.159	96	406370	99.528	ug/L	95
19) Methyl acetate	3.170	43	158765	101.945	ug/L #	91
20) Methyl tert-butyl ether	3.243	73	1018633	97.279	ug/L	95
21) tert-Butyl alcohol	3.338	59	158557	453.982	ug/L	92
22) Diisopropyl ether	3.574	45	1292564	98.077	ug/L	98
23) 1,1-Dichloroethane	3.699	63	759368	96.964	ug/L	98
24) Halothane	3.757	117	317692	96.870	ug/L	100
25) Acrylonitrile	3.752	53	82951	101.021	ug/L	93

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A11.D
Acq On : 19 Nov 2025 10:29 pm
Operator : VOA104:JIC
Sample : I8260STD100PPB
Misc : WG2144251,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 20 07:52:39 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	3.893	59	1200882	96.490	ug/L		96
27) Vinyl acetate	3.920	43	766895	97.775	ug/L		99
28) cis-1,2-Dichloroethene	4.187	96	446318	97.881	ug/L		94
29) 2,2-Dichloropropane	4.276	77	617456	97.252	ug/L		99
30) Bromochloromethane	4.371	128	206994	96.480	ug/L		93
31) Cyclohexane	4.355	56	611537	96.784	ug/L		93
32) Chloroform	4.439	83	715569	94.570	ug/L		99
33) Ethyl acetate	4.544	43	258192	100.070	ug/L		98
34) Carbon tetrachloride	4.554	117	589768	97.498	ug/L		100
35) Tetrahydrofuran	4.575	42	91062M1	104.408	ug/L		
37) 1,1,1-Trichloroethane	4.617	97	606660	96.835	ug/L		99
39) 2-Butanone	4.717	43	107975	98.489	ug/L	#	79
40) 1,1-Dichloropropene	4.738	75	500025	98.528	ug/L		99
41) Benzene	4.968	78	1469352	97.693	ug/L		98
42) tert-Amyl methyl ether	5.073	73	994553	97.700	ug/L		94
44) 1,2-Dichloroethane	5.173	62	496258	96.849	ug/L		98
47) Methyl cyclohexane	5.524	83	620233	99.296	ug/L		91
48) Trichloroethene	5.550	95	409609	99.410	ug/L		98
50) Dibromomethane	5.980	93	241077	99.269	ug/L		98
51) 1,2-Dichloropropane	6.075	63	415393	98.714	ug/L		98
53) 2-Chloroethyl vinyl ether	6.767	63	223696	99.809	ug/L		98
54) Bromodichloromethane	6.153	83	575727	98.106	ug/L		99
57) 1,4-Dioxane	6.363	88	124052	4749.004	ug/L		97
58) cis-1,3-Dichloropropene	6.824	75	663737	99.537	ug/L		95
61) Toluene	7.076	92	940334	97.213	ug/L		100
62) 4-Methyl-2-pentanone	7.516	58	107478	96.241	ug/L		93
63) Tetrachloroethene	7.511	166	460588	99.755	ug/L		99
65) trans-1,3-Dichloropropene	7.569	75	551553	97.338	ug/L		97
67) Ethyl methacrylate	7.763	69	392272	96.993	ug/L		99
68) 1,1,2-Trichloroethane	7.747	83	265543	96.317	ug/L		98
69) Chlorodibromomethane	7.952	129	457599	97.229	ug/L		99
70) 1,3-Dichloropropane	8.062	76	505404	96.260	ug/L		100
71) 1,2-Dibromoethane	8.209	107	332105	96.822	ug/L		100
72) 2-Hexanone	8.518	43	188040	100.616	ug/L		98
73) Chlorobenzene	8.853	112	1136472	98.725	ug/L		99
74) Ethylbenzene	8.895	91	1774836	96.218	ug/L		99
75) 1,1,1,2-Tetrachloroethane	8.943	131	427379	95.961	ug/L		99
76) p/m Xylene	9.079	106	1360737	193.773	ug/L		100
77) o Xylene	9.624	106	1384253	193.515	ug/L		100
78) Styrene	9.698	104	2232897	193.250	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A11.D
Acq On : 19 Nov 2025 10:29 pm
Operator : VOA104:JIC
Sample : I8260STD100PPB
Misc : WG2144251,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 20 07:52:39 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	9.724	173	280906	95.585	ug/L		99
82) Isopropylbenzene	10.033	105	1769369	98.696	ug/L		99
84) Bromobenzene	10.500	156	501328	99.823	ug/L		98
85) n-Propylbenzene	10.557	91	2054157	98.839	ug/L		100
86) 1,4-Dichlorobutane	10.584	55	504374	95.289	ug/L		96
87) 1,1,2,2-Tetrachloroethane	10.673	83	378445	96.668	ug/L		99
88) 4-Ethyltoluene	10.699	105	1696889	98.770	ug/L		99
89) 2-Chlorotoluene	10.730	91	1178355M6	95.886	ug/L		
90) 1,3,5-Trimethylbenzene	10.804	105	1452670	97.620	ug/L		98
91) 1,2,3-Trichloropropane	10.809	75	266469	95.781	ug/L		98
92) trans-1,4-Dichloro-2-b...	10.872	53	98525	94.476	ug/L	#	74
93) 4-Chlorotoluene	10.930	91	1221876	99.038	ug/L		97
94) tert-Butylbenzene	11.160	119	1277202	98.904	ug/L		99
97) 1,2,4-Trimethylbenzene	11.244	105	1467037	99.077	ug/L		99
98) sec-Butylbenzene	11.360	105	1896312	98.647	ug/L		100
99) p-Isopropyltoluene	11.527	119	1642853	99.611	ug/L		99
100) 1,3-Dichlorobenzene	11.585	146	877660	98.845	ug/L		99
101) 1,4-Dichlorobenzene	11.685	146	888284	100.297	ug/L		99
102) p-Diethylbenzene	11.915	119	987125	101.599	ug/L		99
103) n-Butylbenzene	11.973	91	1441629	97.935	ug/L		99
104) 1,2-Dichlorobenzene	12.120	146	835377	99.175	ug/L		98
105) 1,2,4,5-Tetramethylben...	12.733	119	1588561	104.021	ug/L		100
106) 1,2-Dibromo-3-chloropr...	12.922	155	68469	100.382	ug/L		99
107) 1,3,5-Trichlorobenzene	12.953	180	703113	103.208	ug/L		99
108) Hexachlorobutadiene	13.535	225	358600	100.369	ug/L		99
109) 1,2,4-Trichlorobenzene	13.562	180	576845	101.073	ug/L		99
110) Naphthalene	13.855	128	1029621	104.478	ug/L		100
111) 1,2,3-Trichlorobenzene	14.023	180	494898	103.956	ug/L		98

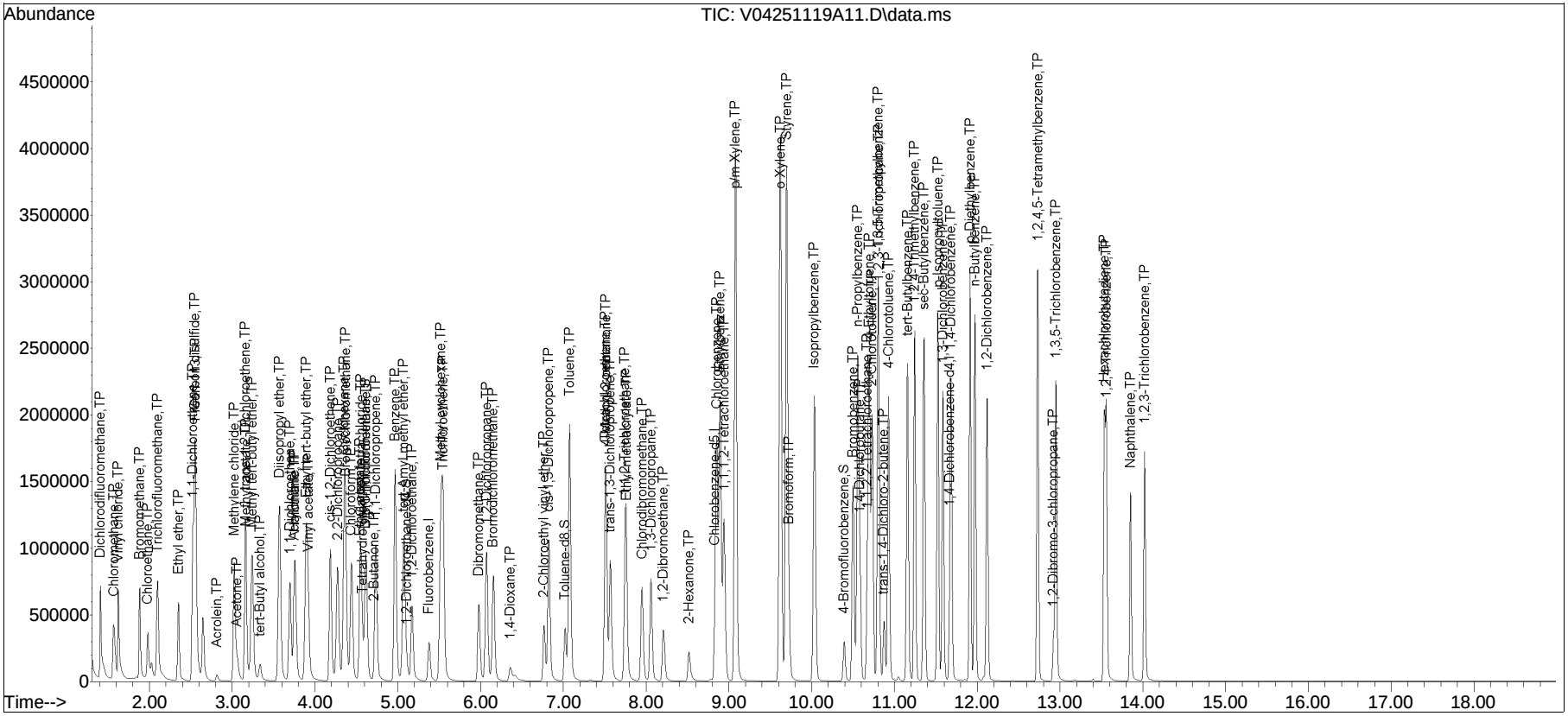
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A11.D
Acq On : 19 Nov 2025 10:29 pm
Operator : VOA104:JIC
Sample : I8260STD100PPB
Misc : WG2144251,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 20 07:52:39 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

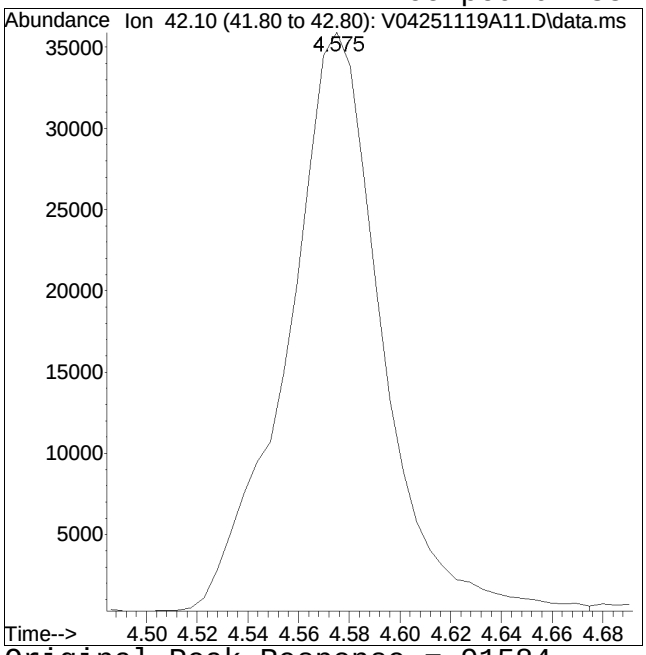
Sub List : 8260-CurveSoil - Megamix plus Diox51119A10.D•

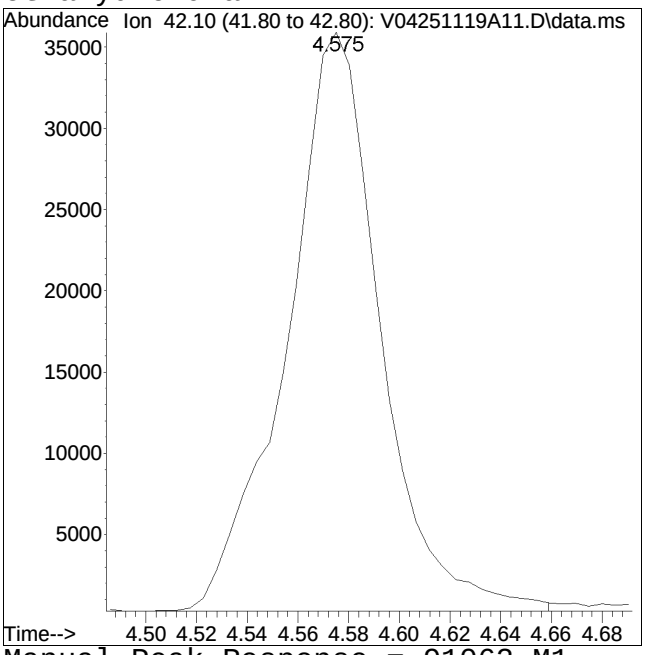


Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A11.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 10:29 pm Instrument : VOA104
Sample : I8260STD100PPB Quant Date : 11/20/2025 7:25 am

Compound #35: Tetrahydrofuran



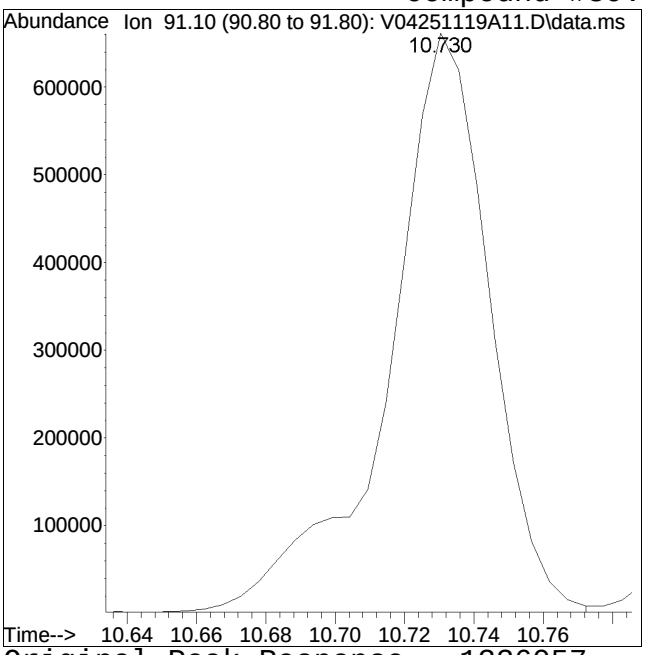


Original Peak Response = 91584 Manual Peak Response = 91062 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

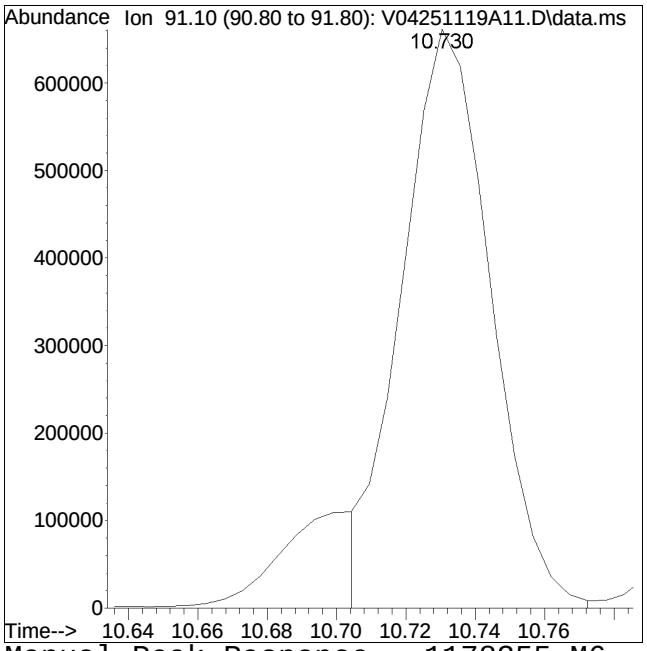
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A11.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 10:29 pm Instrument : VOA104
Sample : I8260STD100PPB Quant Date : 11/20/2025 7:25 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 1336057



Manual Peak Response = 1178355 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A12.D
Acq On : 19 Nov 2025 10:55 pm
Operator : VOA104:JIC
Sample : I8260STD200PPB
Misc : WG2144251,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 20 07:49:58 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.383	96	284230	20.000	ug/L	0.00
Standard Area 1 = 299397			Recovery = 94.93%			
59) Chlorobenzene-d5	8.832	117	229784	20.000	ug/L	0.00
Standard Area 1 = 232239			Recovery = 98.94%			
79) 1,4-Dichlorobenzene-d4	11.669	152	119480	20.000	ug/L	0.00
Standard Area 1 = 124245			Recovery = 96.16%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.612	113	77905	19.085	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.43%			
43) 1,2-Dichloroethane-d4	5.110	65	70161	19.683	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.41%			
60) Toluene-d8	7.024	98	286439	19.248	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.24%			
83) 4-Bromofluorobenzene	10.395	95	105756	20.448	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.408	85	1120491	222.456	ug/L	99
3) Chloromethane	1.576	50	1077173	206.915	ug/L	100
4) Vinyl chloride	1.629	62	1125701	212.111	ug/L	99
5) Bromomethane	1.885	94	683632	229.277	ug/L	96
6) Chloroethane	1.975	64	515162	158.474	ug/L	95
7) Trichlorofluoromethane	2.100	101	1337797	209.241	ug/L	99
8) Ethyl ether	2.352	74	408273	209.772	ug/L	92
10) 1,1-Dichloroethene	2.525	96	736584	206.880	ug/L	94
11) Carbon disulfide	2.551	76	2535032	199.196	ug/L	100
12) Freon-113	2.557	101	766502	205.789	ug/L	79
14) Acrolein	2.813	56	73837	209.840	ug/L	99
15) Methylene chloride	3.028	84	825043	199.964	ug/L	97
17) Acetone	3.060	43	285567	204.915	ug/L	98
18) trans-1,2-Dichloroethene	3.160	96	801128	203.383	ug/L	95
19) Methyl acetate	3.170	43	326803	217.513	ug/L #	92
20) Methyl tert-butyl ether	3.243	73	1995424	197.526	ug/L	96
21) tert-Butyl alcohol	3.338	59	316900	940.509	ug/L	93
22) Diisopropyl ether	3.574	45	2537008	199.538	ug/L	98
23) 1,1-Dichloroethane	3.700	63	1489754	197.179	ug/L	98
24) Halothane	3.757	117	631690	199.653	ug/L	100
25) Acrylonitrile	3.752	53	165947	209.482	ug/L	94

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A12.D
Acq On : 19 Nov 2025 10:55 pm
Operator : VOA104:JIC
Sample : I8260STD200PPB
Misc : WG2144251,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 20 07:49:58 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	3.899	59	2375062	197.809	ug/L		98
27) Vinyl acetate	3.920	43	1460740	193.043	ug/L		99
28) cis-1,2-Dichloroethene	4.187	96	868121	197.342	ug/L		96
29) 2,2-Dichloropropane	4.276	77	1207865	197.196	ug/L		99
30) Bromochloromethane	4.371	128	396073	191.356	ug/L		91
31) Cyclohexane	4.355	56	1233156	202.295	ug/L		93
32) Chloroform	4.444	83	1395854	191.218	ug/L		99
33) Ethyl acetate	4.544	43	518162	208.168	ug/L		98
34) Carbon tetrachloride	4.554	117	1172259	200.876	ug/L		99
35) Tetrahydrofuran	4.575	42	181174	215.318	ug/L		99
37) 1,1,1-Trichloroethane	4.617	97	1196683	197.996	ug/L		99
39) 2-Butanone	4.717	43	222498	210.368	ug/L	#	80
40) 1,1-Dichloropropene	4.738	75	1005174	205.304	ug/L		100
41) Benzene	4.968	78	2924030	201.515	ug/L		98
42) tert-Amyl methyl ether	5.073	73	1983938	202.014	ug/L		94
44) 1,2-Dichloroethane	5.173	62	987405	199.742	ug/L		98
47) Methyl cyclohexane	5.524	83	1306021	216.727	ug/L		91
48) Trichloroethene	5.550	95	821790	206.733	ug/L		98
50) Dibromomethane	5.975	93	488244	208.393	ug/L		99
51) 1,2-Dichloropropane	6.075	63	831993	204.941	ug/L		98
53) 2-Chloroethyl vinyl ether	6.767	63	455099	210.478	ug/L		98
54) Bromodichloromethane	6.159	83	1148766	202.908	ug/L		99
57) 1,4-Dioxane	6.363	88	240868	9557.971	ug/L		96
58) cis-1,3-Dichloropropene	6.824	75	1335257	207.558	ug/L		96
61) Toluene	7.076	92	1896706	198.483	ug/L		99
62) 4-Methyl-2-pentanone	7.516	58	216684	196.403	ug/L		96
63) Tetrachloroethene	7.511	166	951150	208.522	ug/L		99
65) trans-1,3-Dichloropropene	7.569	75	1097113	195.987	ug/L		98
67) Ethyl methacrylate	7.758	69	783096	195.996	ug/L		99
68) 1,1,2-Trichloroethane	7.747	83	532909	195.660	ug/L		99
69) Chlorodibromomethane	7.952	129	925458	199.044	ug/L		99
70) 1,3-Dichloropropane	8.062	76	1014521	195.591	ug/L		99
71) 1,2-Dibromoethane	8.209	107	668602	197.308	ug/L		100
72) 2-Hexanone	8.513	43	387078	209.651	ug/L		99
73) Chlorobenzene	8.853	112	2312738	203.365	ug/L		99
74) Ethylbenzene	8.895	91	3510821	192.659	ug/L		99
75) 1,1,1,2-Tetrachloroethane	8.943	131	844009	191.827	ug/L		99
76) p/m Xylene	9.084	106	2735946	394.372	ug/L		99
77) o Xylene	9.624	106	2805759	397.036	ug/L		99
78) Styrene	9.698	104	4440291	388.995	ug/L		98

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A12.D
Acq On : 19 Nov 2025 10:55 pm
Operator : VOA104:JIC
Sample : I8260STD200PPB
Misc : WG2144251,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 20 07:49:58 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80)	Bromoform	9.724	173	558693	196.277	ug/L		99
82)	Isopropylbenzene	10.033	105	3630793	209.097	ug/L		98
84)	Bromobenzene	10.500	156	1027494	211.229	ug/L		99
85)	n-Propylbenzene	10.557	91	4155626	206.441	ug/L		99
86)	1,4-Dichlorobutane	10.584	55	1002759	195.593	ug/L		97
87)	1,1,2,2-Tetrachloroethane	10.678	83	761604	200.852	ug/L		99
88)	4-Ethyltoluene	10.699	105	3434552	206.399	ug/L		98
89)	2-Chlorotoluene	10.730	91	2379514M6	199.908	ug/L		
90)	1,3,5-Trimethylbenzene	10.809	105	2938096	203.847	ug/L		98
91)	1,2,3-Trichloropropane	10.809	75	540282	200.501	ug/L		98
92)	trans-1,4-Dichloro-2-b...	10.877	53	198914	196.927	ug/L	#	72
93)	4-Chlorotoluene	10.930	91	2481897	207.693	ug/L		96
94)	tert-Butylbenzene	11.160	119	2635517	210.711	ug/L		99
97)	1,2,4-Trimethylbenzene	11.244	105	2951817	205.820	ug/L		98
98)	sec-Butylbenzene	11.360	105	3853604	206.969	ug/L		100
99)	p-Isopropyltoluene	11.527	119	3360394	210.360	ug/L		99
100)	1,3-Dichlorobenzene	11.585	146	1776363	206.550	ug/L		99
101)	1,4-Dichlorobenzene	11.685	146	1787601	208.388	ug/L		99
102)	p-Diethylbenzene	11.915	119	2027775	215.478	ug/L		99
103)	n-Butylbenzene	11.973	91	2918735	204.712	ug/L		99
104)	1,2-Dichlorobenzene	12.120	146	1688723	206.988	ug/L		98
105)	1,2,4,5-Tetramethylben...	12.733	119	3211355	217.106	ug/L		100
106)	1,2-Dibromo-3-chloropr...	12.922	155	139070	210.504	ug/L		100
107)	1,3,5-Trichlorobenzene	12.954	180	1387011	210.200	ug/L		99
108)	Hexachlorobutadiene	13.536	225	717429	207.316	ug/L		99
109)	1,2,4-Trichlorobenzene	13.562	180	1111194	201.016	ug/L		99
110)	Naphthalene	13.850	128	2048742	214.634	ug/L		100
111)	1,2,3-Trichlorobenzene	14.023	180	939160	203.675	ug/L		98

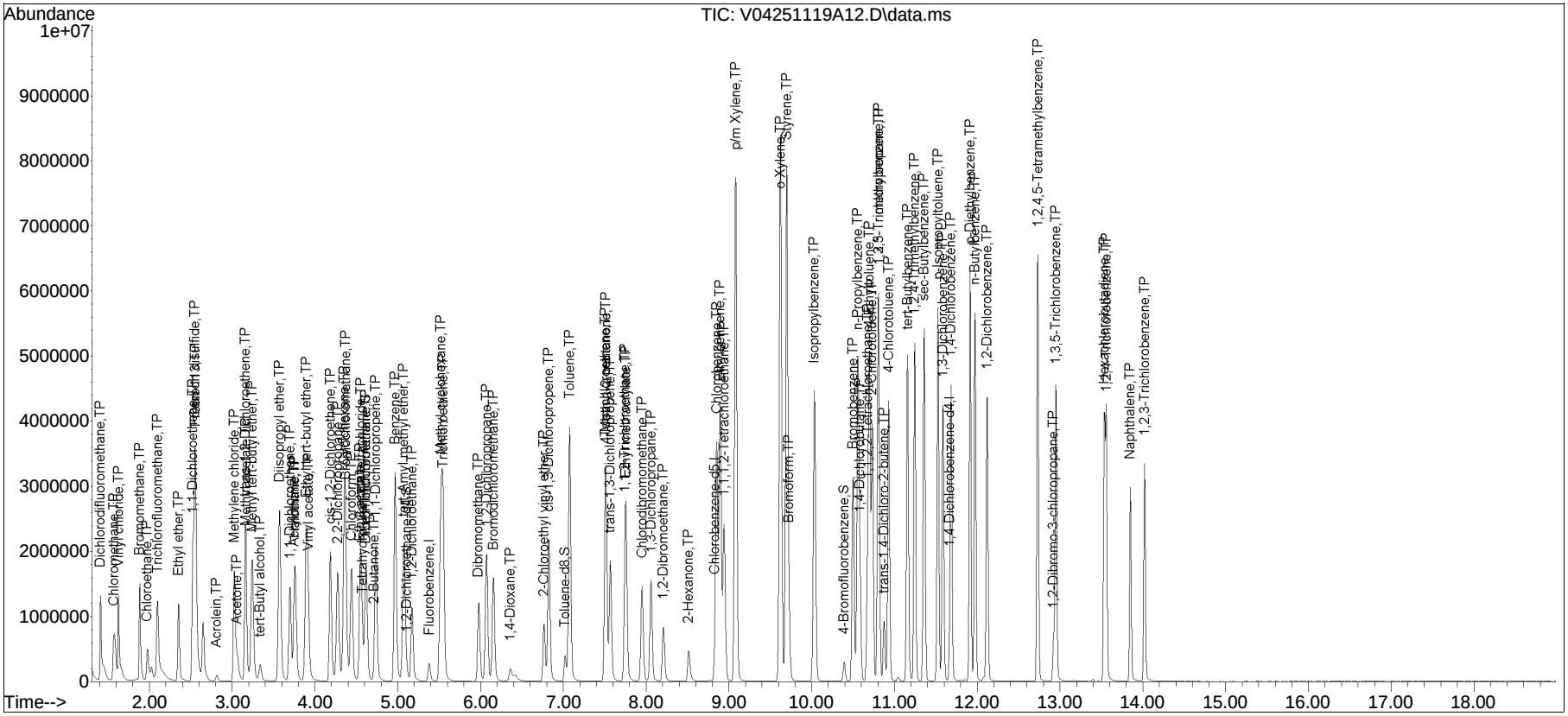
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A12.D
Acq On : 19 Nov 2025 10:55 pm
Operator : VOA104:JIC
Sample : I8260STD200PPB
Misc : WG2144251,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 20 07:49:58 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

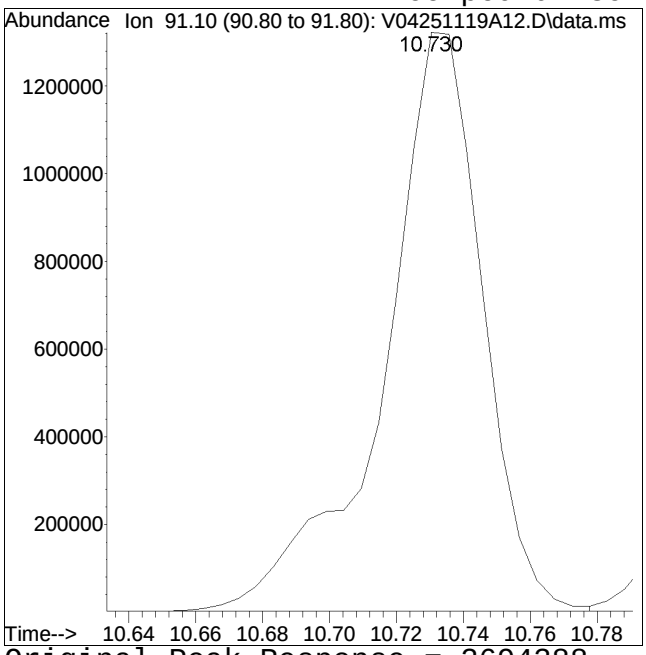
Sub List : 8260-CurveSoil - Megamix plus Diox51119A10.D•



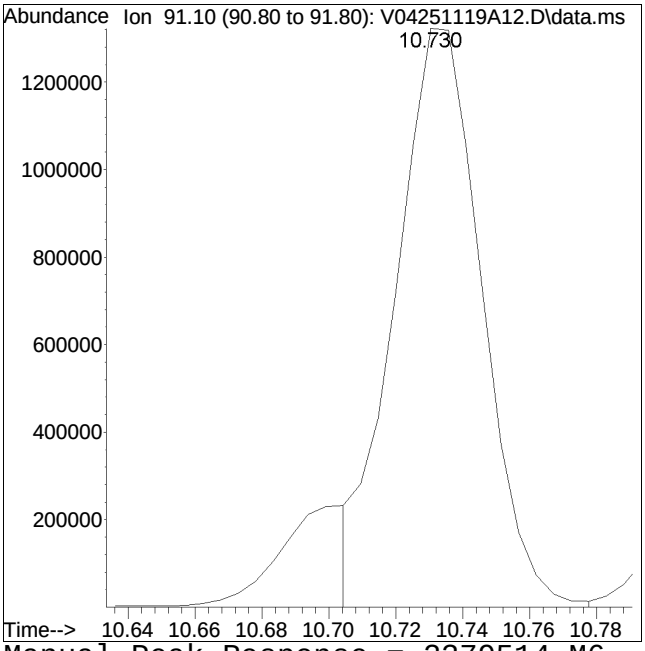
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A12.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 10:55 pm Instrument : VOA104
Sample : I8260STD200PPB Quant Date : 11/20/2025 7:25 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 2694388



Manual Peak Response = 2379514 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A13.D
Acq On : 19 Nov 2025 11:21 pm
Operator : VOA104:JIC
Sample : I8260STD300PPB
Misc : WG2144251,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 20 07:53:35 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.377	96	281487	20.000	ug/L	0.00
Standard Area 1 = 299397			Recovery = 94.02%			
59) Chlorobenzene-d5	8.833	117	229031	20.000	ug/L	0.00
Standard Area 1 = 232239			Recovery = 98.62%			
79) 1,4-Dichlorobenzene-d4	11.669	152	118520	20.000	ug/L	0.00
Standard Area 1 = 124245			Recovery = 95.39%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.612	113	76351	18.887	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.44%			
43) 1,2-Dichloroethane-d4	5.110	65	69227	19.610	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.05%			
60) Toluene-d8	7.024	98	282742	19.062	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.31%			
83) 4-Bromofluorobenzene	10.395	95	104961	20.459	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.408	85	1689333	338.658	ug/L	99
3) Chloromethane	1.571	50	1574215	305.338	ug/L	100
4) Vinyl chloride	1.623	62	1632958	310.690	ug/L	99
5) Bromomethane	1.880	94	1027781	348.056	ug/L	97
6) Chloroethane	1.969	64	539310	167.519	ug/L	95
7) Trichlorofluoromethane	2.095	101	2002544M1	316.264	ug/L	
8) Ethyl ether	2.352	74	601837	312.239	ug/L	91
10) 1,1-Dichloroethene	2.525	96	1081604	306.745	ug/L	93
11) Carbon disulfide	2.551	76	3663842	290.700	ug/L	100
12) Freon-113	2.557	101	1118397	303.191	ug/L	80
14) Acrolein	2.814	56	113281	325.074	ug/L	98
15) Methylene chloride	3.023	84	1199663	293.593	ug/L	96
17) Acetone	3.060	43	388071	281.183	ug/L	98
18) trans-1,2-Dichloroethene	3.160	96	1162061	297.888	ug/L	95
19) Methyl acetate	3.165	43	487556	327.669	ug/L #	93
20) Methyl tert-butyl ether	3.243	73	2919551	291.822	ug/L	96
21) tert-Butyl alcohol	3.338	59	484104	1450.745	ug/L	92
22) Diisopropyl ether	3.574	45	3652583	290.078	ug/L	97
23) 1,1-Dichloroethane	3.700	63	2145323	286.715	ug/L	98
24) Halothane	3.757	117	922753	294.489	ug/L	100
25) Acrylonitrile	3.747	53	248417	316.643	ug/L	95

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A13.D
Acq On : 19 Nov 2025 11:21 pm
Operator : VOA104:JIC
Sample : I8260STD300PPB
Misc : WG2144251,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 20 07:53:35 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	3.899	59	3443769	289.613	ug/L		96
27) Vinyl acetate	3.920	43	2206050	294.380	ug/L		98
28) cis-1,2-Dichloroethene	4.187	96	1269077	291.300	ug/L		95
29) 2,2-Dichloropropane	4.271	77	1753300	289.033	ug/L		99
30) Bromochloromethane	4.371	128	571020	278.567	ug/L		90
31) Cyclohexane	4.355	56	1816124	300.833	ug/L		92
32) Chloroform	4.439	83	2019695	279.374	ug/L		99
33) Ethyl acetate	4.544	43	780964	316.805	ug/L		97
34) Carbon tetrachloride	4.554	117	1735027	300.207	ug/L		100
35) Tetrahydrofuran	4.575	42	270214	324.268	ug/L		98
37) 1,1,1-Trichloroethane	4.617	97	1745996	291.697	ug/L		99
39) 2-Butanone	4.717	43	333268	318.169	ug/L	#	83
40) 1,1-Dichloropropene	4.738	75	1474122	304.019	ug/L		100
41) Benzene	4.968	78	4241188	295.138	ug/L		98
42) tert-Amyl methyl ether	5.073	73	2907465	298.938	ug/L		94
44) 1,2-Dichloroethane	5.173	62	1446609	295.485	ug/L		98
47) Methyl cyclohexane	5.524	83	1950798	326.879	ug/L		91
48) Trichloroethene	5.550	95	1193947	303.281	ug/L		98
50) Dibromomethane	5.975	93	730291	314.741	ug/L		99
51) 1,2-Dichloropropane	6.075	63	1211216	301.261	ug/L		98
53) 2-Chloroethyl vinyl ether	6.767	63	683091	319.000	ug/L		98
54) Bromodichloromethane	6.153	83	1670751	297.982	ug/L		99
57) 1,4-Dioxane	6.363	88	360564	14447.096	ug/L		96
58) cis-1,3-Dichloropropene	6.824	75	1952404	306.448	ug/L		97
61) Toluene	7.076	92	2749393	288.660	ug/L		99
62) 4-Methyl-2-pentanone	7.517	58	325567	296.065	ug/L		97
63) Tetrachloroethene	7.511	166	1396648	307.196	ug/L		99
65) trans-1,3-Dichloropropene	7.569	75	1599735	286.714	ug/L		98
67) Ethyl methacrylate	7.758	69	1155803	290.230	ug/L		98
68) 1,1,2-Trichloroethane	7.747	83	789256	290.731	ug/L		99
69) Chlorodibromomethane	7.952	129	1369324	295.477	ug/L		99
70) 1,3-Dichloropropane	8.062	76	1498564	289.860	ug/L		99
71) 1,2-Dibromoethane	8.209	107	996217	294.955	ug/L		99
72) 2-Hexanone	8.513	43	588459	319.771	ug/L		99
73) Chlorobenzene	8.854	112	3365335	296.896	ug/L		99
74) Ethylbenzene	8.895	91	5058362	278.494	ug/L		98
75) 1,1,1,2-Tetrachloroethane	8.943	131	1224563	279.235	ug/L		99
76) p/m Xylene	9.084	106	3971098	574.295	ug/L		98
77) o Xylene	9.624	106	4089972	580.665	ug/L		97
78) Styrene	9.703	104	6405550	563.008	ug/L		98

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A13.D
Acq On : 19 Nov 2025 11:21 pm
Operator : VOA104:JIC
Sample : I8260STD300PPB
Misc : WG2144251,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 20 07:53:35 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	9.724	173	837178	296.495	ug/L		99
82) Isopropylbenzene	10.033	105	5309700	308.262	ug/L		98
84) Bromobenzene	10.500	156	1522896	315.608	ug/L		99
85) n-Propylbenzene	10.563	91	6002602	300.609	ug/L		98
86) 1,4-Dichlorobutane	10.584	55	1463632	287.801	ug/L		97
87) 1,1,2,2-Tetrachloroethane	10.678	83	1157672	307.776	ug/L		99
88) 4-Ethyltoluene	10.699	105	4975261	301.409	ug/L		98
89) 2-Chlorotoluene	10.736	91	3488176M6	295.423	ug/L		
90) 1,3,5-Trimethylbenzene	10.809	105	4278548	299.253	ug/L		97
91) 1,2,3-Trichloropropane	10.809	75	811198	303.478	ug/L		98
92) trans-1,4-Dichloro-2-b...	10.877	53	306046	305.443	ug/L	#	74
93) 4-Chlorotoluene	10.930	91	3626302	305.919	ug/L		96
94) tert-Butylbenzene	11.160	119	3862347	311.297	ug/L		100
97) 1,2,4-Trimethylbenzene	11.244	105	4278019	300.708	ug/L		98
98) sec-Butylbenzene	11.360	105	5597275	303.052	ug/L		99
99) p-Isopropyltoluene	11.527	119	4850796	306.118	ug/L		98
100) 1,3-Dichlorobenzene	11.590	146	2575181	301.860	ug/L		99
101) 1,4-Dichlorobenzene	11.685	146	2613123	307.090	ug/L		99
102) p-Diethylbenzene	11.915	119	2949625	315.975	ug/L		99
103) n-Butylbenzene	11.978	91	4215822	298.081	ug/L		98
104) 1,2-Dichlorobenzene	12.120	146	2473127	305.588	ug/L		98
105) 1,2,4,5-Tetramethylben...	12.733	119	4648035	316.779	ug/L		99
106) 1,2-Dibromo-3-chloropr...	12.927	155	211712	323.055	ug/L		100
107) 1,3,5-Trichlorobenzene	12.954	180	1977037	302.044	ug/L		99
108) Hexachlorobutadiene	13.541	225	1030276	300.131	ug/L		99
109) 1,2,4-Trichlorobenzene	13.562	180	1583709	288.815	ug/L		100
110) Naphthalene	13.850	128	3038796	320.935	ug/L		100
111) 1,2,3-Trichlorobenzene	14.023	180	1345356	294.129	ug/L		98

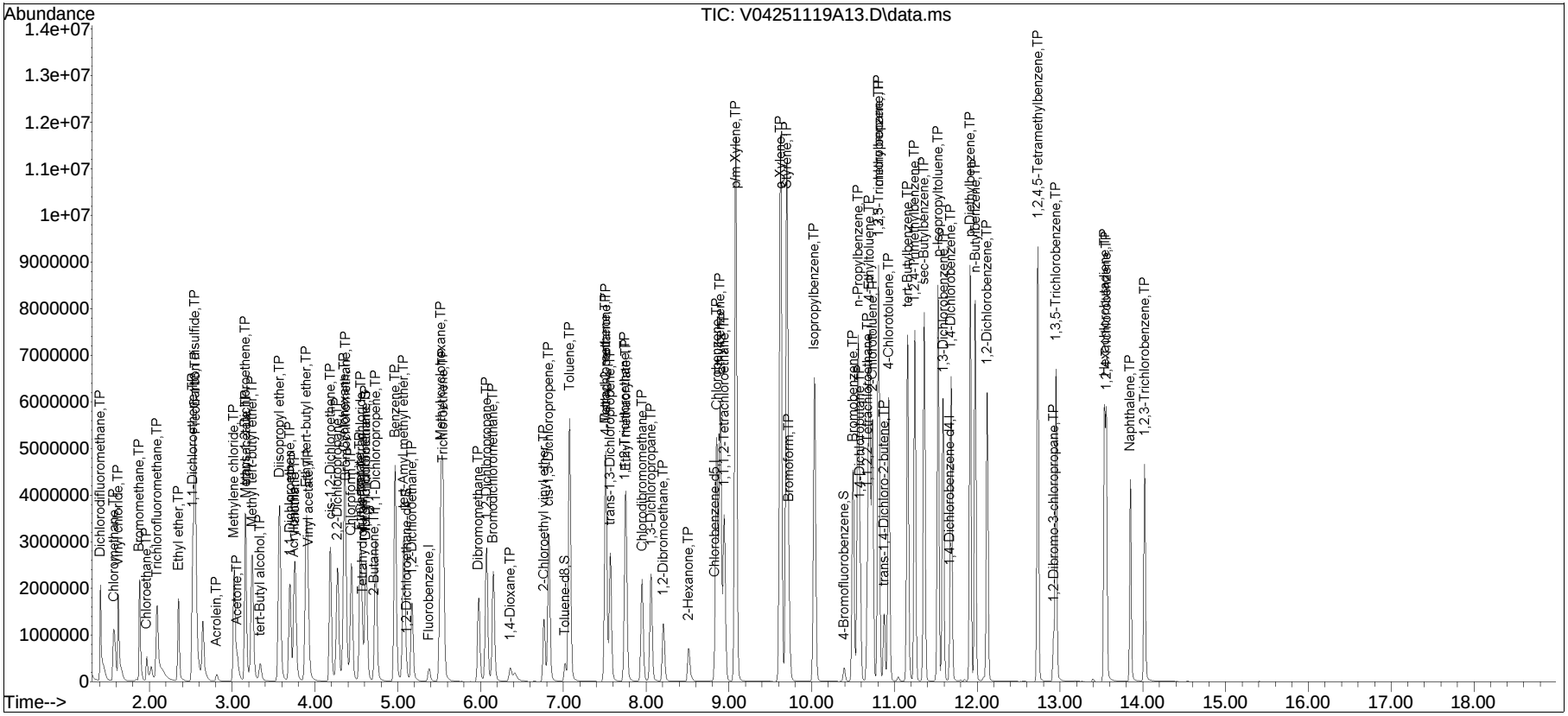
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A13.D
Acq On : 19 Nov 2025 11:21 pm
Operator : VOA104:JIC
Sample : I8260STD300PPB
Misc : WG2144251,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 20 07:53:35 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

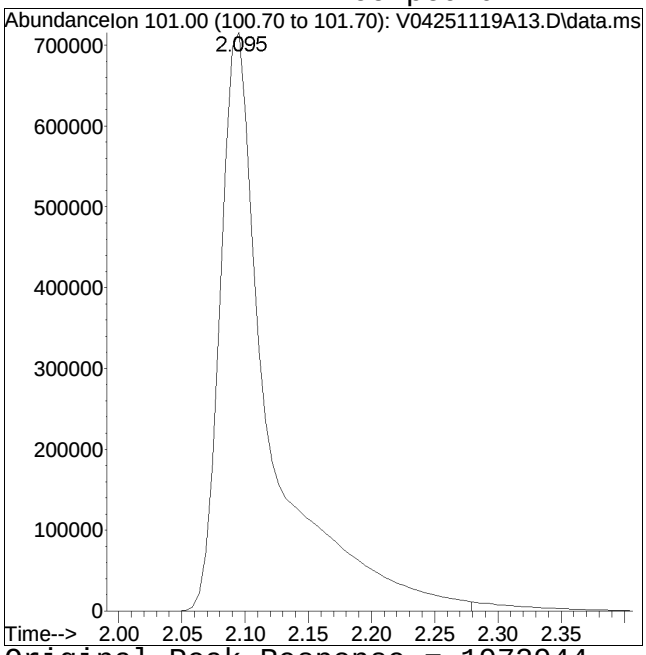
Sub List : 8260-CurveSoil - Megamix plus Diox51119A10.D•

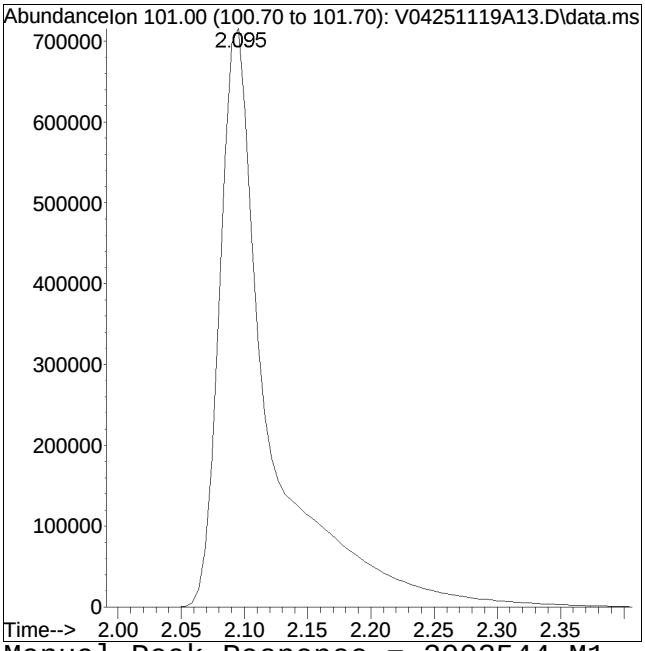


Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A13.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 11:21 pm Instrument : VOA104
Sample : I8260STD300PPB Quant Date : 11/20/2025 7:25 am

Compound #7: Trichlorofluoromethane



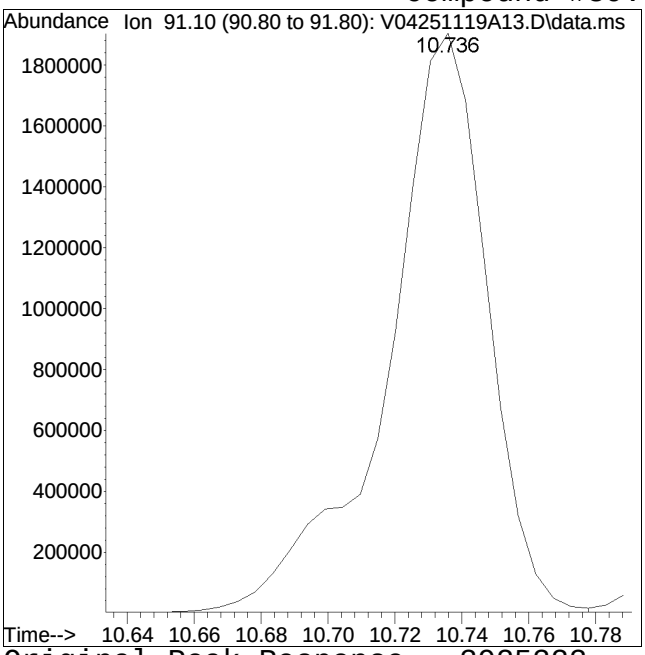


Original Peak Response = 1972944 Manual Peak Response = 2002544 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

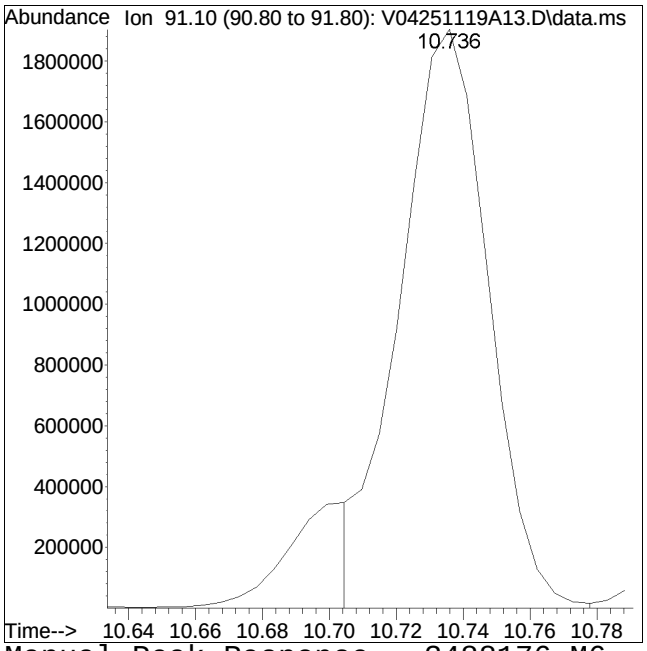
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A13.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 11:21 pm Instrument : VOA104
Sample : I8260STD300PPB Quant Date : 11/20/2025 7:25 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 3925323



Manual Peak Response = 3488176 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A17.D
Acq On : 20 Nov 2025 1:06 am
Operator : VOA104:JIC
Sample : C8260STD40PPB
Misc : WG2144251,ICAL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 20 08:00:47 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene		1.000	1.000	0.0	96	0.00
2	TP	Dichlorodifluoromethane		0.365	0.313	14.2	85	0.00
3	TP	Chloromethane		0.375	0.354	5.6	93	0.00
4	TP	Vinyl chloride		0.368	0.371	-0.8	96	0.00
5	TP	Bromomethane		0.206	0.240	-16.5	110	0.00
6	TP	Chloroethane		0.213	0.220	-3.3	93	0.00
7	TP	Trichlorofluoromethane		0.435	0.491	-12.9	105	0.00
8	TP	Ethyl ether		0.136	0.131	3.7	92	0.00
10	TP	1,1-Dichloroethene		0.250	0.248	0.8	96	0.00
11	TP	Carbon disulfide		0.916	0.888	3.1	96	0.00
12	TP	Freon-113		0.247	0.296	-19.8	109	0.00
14	TP	Acrolein		0.026	0.030	-15.4	116	0.00
15	TP	Methylene chloride		0.314	0.287	8.6	95	0.00
17	TP	Acetone	*	40.000	21.406	46.5#	54	0.00
18	TP	trans-1,2-Dichloroethene		0.280	0.280	0.0	97	0.00
19	TP	Methyl acetate		0.105	0.109	-3.8	99	0.00
20	TP	Methyl tert-butyl ether		0.693	0.662	4.5	90	0.00
21	TP	tert-Butyl alcohol		0.023	0.025	-8.7	100	0.00
22	TP	Diisopropyl ether		0.871	0.857	1.6	92	0.00
23	TP	1,1-Dichloroethane		0.524	0.533	-1.7	97	0.00
24	TP	Halothane		0.217	0.238	-9.7	103	0.00
25	TP	Acrylonitrile		0.055	0.056	-1.8	97	0.00
26	TP	Ethyl tert-butyl ether		0.813	0.830	-2.1	95	0.00
27	TP	Vinyl acetate		0.503	0.481	4.4	87	0.00
28	TP	cis-1,2-Dichloroethene		0.316	0.297	6.0	92	0.00
29	TP	2,2-Dichloropropane		0.431	0.433	-0.5	97	0.00
30	TP	Bromochloromethane		0.147	0.141	4.1	93	0.00
31	TP	Cyclohexane		0.426	0.447	-4.9	101	0.00
32	TP	Chloroform	*	40.000	40.975	-2.4	95	0.00
33	TP	Ethyl acetate		0.172	0.179	-4.1	98	0.00
34	TP	Carbon tetrachloride		0.402	0.422	-5.0	99	0.00
35	TP	Tetrahydrofuran		0.063	0.065	-3.2	97	0.00
36	S	Dibromofluoromethane		0.287	0.292	-1.7	98	0.00
37	TP	1,1,1-Trichloroethane		0.418	0.442	-5.7	100	0.00
39	TP	2-Butanone	*	40.000	38.122	4.7	91	0.00
40	TP	1,1-Dichloropropene		0.330	0.363	-10.0	102	0.00
41	TP	Benzene		0.982	1.015	-3.4	96	0.00
42	TP	tert-Amyl methyl ether		0.683	0.668	2.2	93	0.00
43	S	1,2-Dichloroethane-d4		0.255	0.248	2.7	95	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A17.D
Acq On : 20 Nov 2025 1:06 am
Operator : VOA104:JIC
Sample : C8260STD40PPB
Misc : WG2144251,ICAL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 20 08:00:47 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.348	0.346	0.6	96	0.00
47	TP	Methyl cyclohexane	0.411	0.439	-6.8	100	0.00
48	TP	Trichloroethene	0.261	0.287	-10.0	99	0.00
50	TP	Dibromomethane	0.170	0.163	4.1	95	0.00
51	TP	1,2-Dichloropropane	0.285	0.282	1.1	95	0.00
53	TP	2-Chloroethyl vinyl ether	0.146	0.148	-1.4	94	0.00
54	TP	Bromodichloromethane	0.388	0.385	0.8	93	0.00
57	TP	1,4-Dioxane	*2000.000	2468.283	-23.4#	113	0.00
58	TP	cis-1,3-Dichloropropene	0.419	0.445	-6.2	95	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
60	S	Toluene-d8	1.286	1.286	0.0	97	0.00
61	TP	Toluene	0.854	0.822	3.7	96	0.00
62	TP	4-Methyl-2-pentanone	0.094	0.100	-6.4	102	0.00
63	TP	Tetrachloroethene	* 40.000	39.676	0.8	98	0.00
65	TP	trans-1,3-Dichloropropene	0.463	0.480	-3.7	96	0.00
67	TP	Ethyl methacrylate	0.348	0.347	0.3	97	0.00
68	TP	1,1,2-Trichloroethane	0.253	0.234	7.5	96	0.00
69	TP	Chlorodibromomethane	0.391	0.412	-5.4	99	0.00
70	TP	1,3-Dichloropropane	0.445	0.447	-0.4	96	0.00
71	TP	1,2-Dibromoethane	0.279	0.289	-3.6	96	0.00
72	TP	2-Hexanone	0.159	0.172	-8.2	104	0.00
73	TP	Chlorobenzene	0.958	0.991	-3.4	97	0.00
74	TP	Ethylbenzene	1.532	1.578	-3.0	97	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.365	0.376	-3.0	95	0.00
76	TP	p/m Xylene	0.582	0.603	-3.6	97	0.00
77	TP	o Xylene	0.590	0.612	-3.7	97	0.00
78	TP	Styrene	0.955	0.992	-3.9	97	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
80	TP	Bromoform	0.472	0.478	-1.3	99	0.00
82	TP	Isopropylbenzene	2.881	2.875	0.2	97	0.00
83	S	4-Bromofluorobenzene	0.862	0.847	1.7	96	0.00
84	TP	Bromobenzene	0.805	0.802	0.4	97	0.00
85	TP	n-Propylbenzene	3.290	3.347	-1.7	98	0.00
86	TP	1,4-Dichlorobutane	0.855	0.850	0.6	97	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.668	0.606	9.3	94	0.00
88	TP	4-Ethyltoluene	2.746	2.841	-3.5	100	0.00
89	TP	2-Chlorotoluene	1.962	1.948	0.7	96	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A17.D
Acq On : 20 Nov 2025 1:06 am
Operator : VOA104:JIC
Sample : C8260STD40PPB
Misc : WG2144251,ICAL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 20 08:00:47 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 TP	1,3,5-Trimethylbenzene	2.371	2.363	0.3	96	0.00
91 TP	1,2,3-Trichloropropane	0.462	0.452	2.2	99	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.181	0.180	0.6	105	0.00
93 TP	4-Chlorotoluene	1.991	1.935	2.8	95	0.00
94 TP	tert-Butylbenzene	2.061	2.088	-1.3	98	0.00
97 TP	1,2,4-Trimethylbenzene	2.389	2.443	-2.3	100	0.00
98 TP	sec-Butylbenzene	3.020	3.089	-2.3	97	0.00
99 TP	p-Isopropyltoluene	2.611	2.627	-0.6	97	0.00
100 TP	1,3-Dichlorobenzene	1.417	1.397	1.4	95	0.00
101 TP	1,4-Dichlorobenzene	1.473	1.395	5.3	96	0.00
102 TP	p-Diethylbenzene	1.564	1.494	4.5	93	0.00
103 TP	n-Butylbenzene	2.329	2.237	4.0	92	0.00
104 TP	1,2-Dichlorobenzene	1.361	1.312	3.6	94	0.00
105 TP	1,2,4,5-Tetramethylbenzene	2.428	2.410	0.7	96	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.109	0.109	0.0	97	0.00
107 TP	1,3,5-Trichlorobenzene	1.086	1.024	5.7	91	0.00
108 TP	Hexachlorobutadiene	0.553	0.550	0.5	93	0.00
109 TP	1,2,4-Trichlorobenzene	0.897	0.859	4.2	91	0.00
110 TP	Naphthalene	1.621	1.563	3.6	96	0.00
111 TP	1,2,3-Trichlorobenzene	0.758	0.734	3.2	94	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A17.D
Acq On : 20 Nov 2025 1:06 am
Operator : VOA104:JIC
Sample : C8260STD40PPB
Misc : WG2144251,ICAL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 20 08:00:47 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.377	96	288579	20.000	ug/L	0.00
Standard Area 1 = 299397			Recovery =	96.39%		
59) Chlorobenzene-d5	8.838	117	226053	20.000	ug/L	0.00
Standard Area 1 = 232239			Recovery =	97.34%		
79) 1,4-Dichlorobenzene-d4	11.669	152	122192	20.000	ug/L	0.00
Standard Area 1 = 124245			Recovery =	98.35%		
System Monitoring Compounds						
36) Dibromofluoromethane	4.612	113	84136	20.327	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	101.64%		
43) 1,2-Dichloroethane-d4	5.110	65	71692	19.508	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	97.54%		
60) Toluene-d8	7.024	98	290692	20.006	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	100.03%		
83) 4-Bromofluorobenzene	10.395	95	103525	19.666	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	98.33%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.408	85	180784	34.368	ug/L	99
3) Chloromethane	1.576	50	204043	37.692	ug/L	99
4) Vinyl chloride	1.629	62	214067	40.355	ug/L	99
5) Bromomethane	1.886	94	138521	46.492	ug/L	97
6) Chloroethane	1.985	64	127019	41.327	ug/L	95
7) Trichlorofluoromethane	2.100	101	283176	45.101	ug/L	100
8) Ethyl ether	2.352	74	75575	38.493	ug/L	91
10) 1,1-Dichloroethene	2.530	96	143276	39.777	ug/L	95
11) Carbon disulfide	2.551	76	512326	38.767	ug/L	100
12) Freon-113	2.557	101	170945	47.900	ug/L	92
14) Acrolein	2.819	56	17161	45.308	ug/L	94
15) Methylene chloride	3.029	84	165866	36.572	ug/L	96
17) Acetone	3.070	43	31473	21.406	ug/L	99
18) trans-1,2-Dichloroethene	3.165	96	161631	40.055	ug/L	96
19) Methyl acetate	3.175	43	62710	41.513	ug/L #	91
20) Methyl tert-butyl ether	3.243	73	381953	38.174	ug/L	95
21) tert-Butyl alcohol	3.338	59	70881	210.053	ug/L	92
22) Diisopropyl ether	3.574	45	494786	39.370	ug/L	97
23) 1,1-Dichloroethane	3.700	63	307893	40.724	ug/L	98
24) Halothane	3.757	117	137180	43.803	ug/L	100
25) Acrylonitrile	3.757	53	32396	40.850	ug/L #	92

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A17.D
Acq On : 20 Nov 2025 1:06 am
Operator : VOA104:JIC
Sample : C8260STD40PPB
Misc : WG2144251,ICAL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 20 08:00:47 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	3.899	59	479239	40.849	ug/L		97
27) Vinyl acetate	3.925	43	277611	38.231	ug/L		100
28) cis-1,2-Dichloroethene	4.192	96	171272	37.564	ug/L		93
29) 2,2-Dichloropropane	4.276	77	249870	40.153	ug/L		99
30) Bromochloromethane	4.371	128	81349	38.299	ug/L		90
31) Cyclohexane	4.355	56	258271	42.017	ug/L		92
32) Chloroform	4.444	83	293659	40.975	ug/L		98
33) Ethyl acetate	4.549	43	103274	41.702	ug/L		98
34) Carbon tetrachloride	4.554	117	243604	42.013	ug/L		99
35) Tetrahydrofuran	4.575	42	37716	41.630	ug/L		98
37) 1,1,1-Trichloroethane	4.617	97	255117	42.334	ug/L		99
39) 2-Butanone	4.722	43	40654	38.122	ug/L	#	68
40) 1,1-Dichloropropene	4.738	75	209431	44.034	ug/L		99
41) Benzene	4.968	78	585815	41.333	ug/L		98
42) tert-Amyl methyl ether	5.079	73	385699	39.159	ug/L		94
44) 1,2-Dichloroethane	5.173	62	199955	39.843	ug/L		100
47) Methyl cyclohexane	5.524	83	253320	42.668	ug/L		91
48) Trichloroethene	5.550	95	165781	43.961	ug/L		98
50) Dibromomethane	5.980	93	94033	38.444	ug/L		99
51) 1,2-Dichloropropane	6.075	63	162474	39.555	ug/L		97
53) 2-Chloroethyl vinyl ether	6.772	63	85368	40.653	ug/L		98
54) Bromodichloromethane	6.159	83	222270	39.673	ug/L		98
57) 1,4-Dioxane	6.363	88	60201M1	2468.283	ug/L		
58) cis-1,3-Dichloropropene	6.830	75	256647	42.448	ug/L		96
61) Toluene	7.076	92	371705	38.529	ug/L		100
62) 4-Methyl-2-pentanone	7.522	58	45355	42.895	ug/L		96
63) Tetrachloroethene	7.511	166	181270	39.676	ug/L		98
65) trans-1,3-Dichloropropene	7.574	75	216902	41.432	ug/L		98
67) Ethyl methacrylate	7.763	69	156981	39.904	ug/L		100
68) 1,1,2-Trichloroethane	7.752	83	105772	36.959	ug/L		98
69) Chlorodibromomethane	7.952	129	186323	42.110	ug/L		99
70) 1,3-Dichloropropane	8.062	76	202140	40.174	ug/L		100
71) 1,2-Dibromoethane	8.214	107	130874	41.540	ug/L		100
72) 2-Hexanone	8.523	43	77951	43.321	ug/L		96
73) Chlorobenzene	8.854	112	448020	41.370	ug/L		99
74) Ethylbenzene	8.895	91	713213	41.183	ug/L		100
75) 1,1,1,2-Tetrachloroethane	8.943	131	169839	41.208	ug/L		100
76) p/m Xylene	9.084	106	545297	82.933	ug/L		99
77) o Xylene	9.624	106	553319	82.965	ug/L		99
78) Styrene	9.698	104	897117	83.123	ug/L		99

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A17.D
Acq On : 20 Nov 2025 1:06 am
Operator : VOA104:JIC
Sample : C8260STD40PPB
Misc : WG2144251,ICAL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 20 08:00:47 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80)	Bromoform	9.724	173	116923	40.521	ug/L		100
82)	Isopropylbenzene	10.033	105	702610	39.923	ug/L		99
84)	Bromobenzene	10.505	156	195980	39.852	ug/L		99
85)	n-Propylbenzene	10.557	91	817839	40.690	ug/L		100
86)	1,4-Dichlorobutane	10.584	55	207621	39.750	ug/L		94
87)	1,1,2,2-Tetrachloroethane	10.673	83	148022	36.266	ug/L		99
88)	4-Ethyltoluene	10.699	105	694182	41.381	ug/L		100
89)	2-Chlorotoluene	10.731	91	476112M6	39.718	ug/L		
90)	1,3,5-Trimethylbenzene	10.804	105	577492	39.868	ug/L		99
91)	1,2,3-Trichloropropane	10.809	75	110415	39.079	ug/L		98
92)	trans-1,4-Dichloro-2-b...	10.877	53	43921	39.739	ug/L	#	80
93)	4-Chlorotoluene	10.930	91	472830	38.864	ug/L		96
94)	tert-Butylbenzene	11.160	119	510297	40.533	ug/L		99
97)	1,2,4-Trimethylbenzene	11.244	105	597058	40.907	ug/L		100
98)	sec-Butylbenzene	11.360	105	754994	40.925	ug/L		100
99)	p-Isopropyltoluene	11.527	119	642030	40.250	ug/L		100
100)	1,3-Dichlorobenzene	11.585	146	341332	39.434	ug/L		100
101)	1,4-Dichlorobenzene	11.685	146	341029	37.893	ug/L		99
102)	p-Diethylbenzene	11.915	119	365200	38.230	ug/L		99
103)	n-Butylbenzene	11.973	91	546794	38.429	ug/L		100
104)	1,2-Dichlorobenzene	12.120	146	320618	38.563	ug/L		98
105)	1,2,4,5-Tetramethylben...	12.733	119	588851	39.703	ug/L		99
106)	1,2-Dibromo-3-chloropr...	12.922	155	26735	40.105	ug/L		99
107)	1,3,5-Trichlorobenzene	12.954	180	250291	37.714	ug/L		99
108)	Hexachlorobutadiene	13.536	225	134524	39.794	ug/L		99
109)	1,2,4-Trichlorobenzene	13.562	180	209859	38.289	ug/L		99
110)	Naphthalene	13.855	128	381952	38.564	ug/L		100
111)	1,2,3-Trichlorobenzene	14.023	180	179486	38.760	ug/L		99

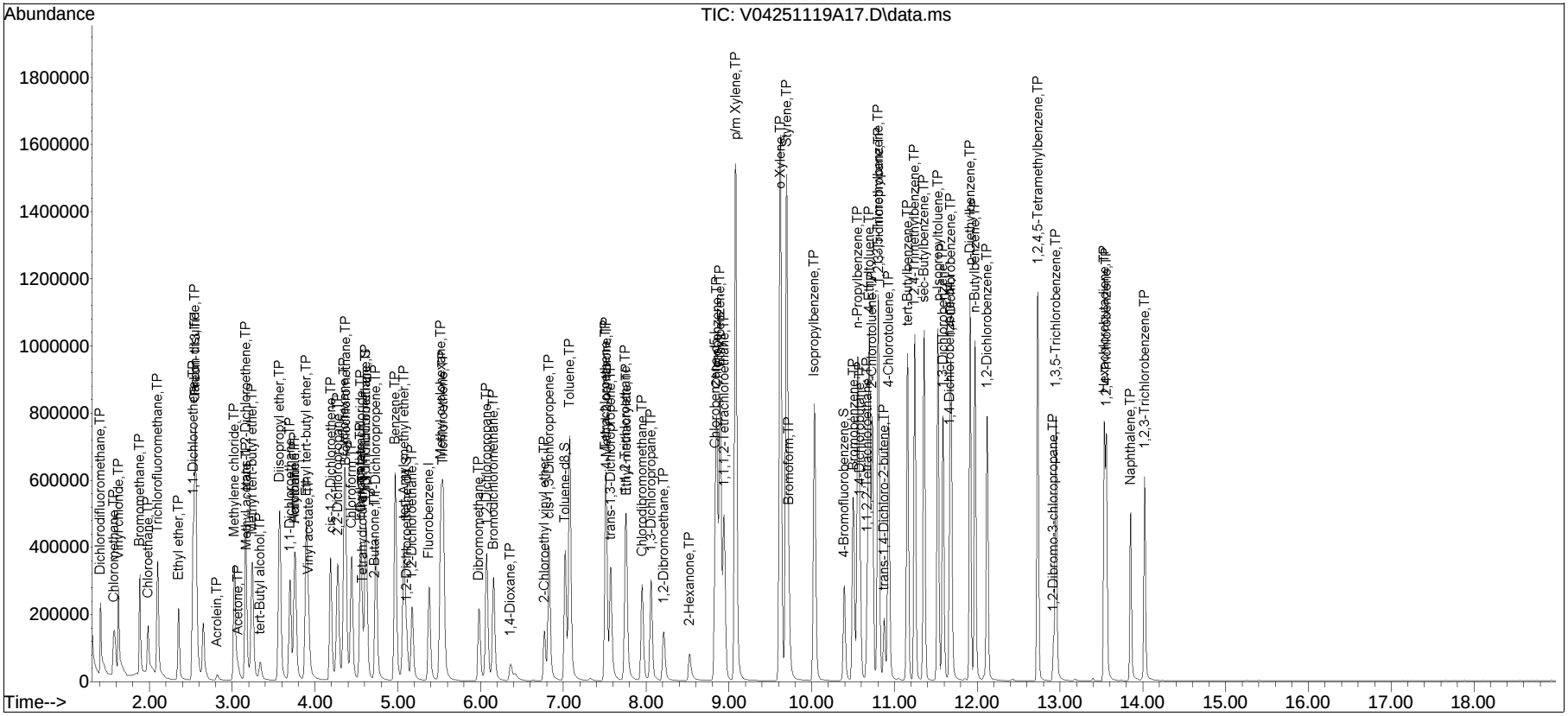
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A17.D
Acq On : 20 Nov 2025 1:06 am
Operator : VOA104:JIC
Sample : C8260STD40PPB
Misc : WG2144251,ICAL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 20 08:00:47 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

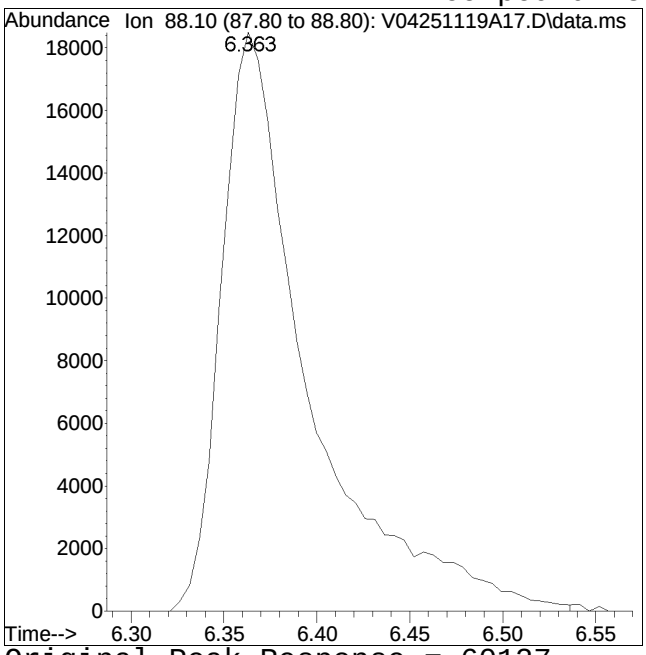
Sub List : 8260-CurveSoil - Megamix plus Diox51119A10.D•

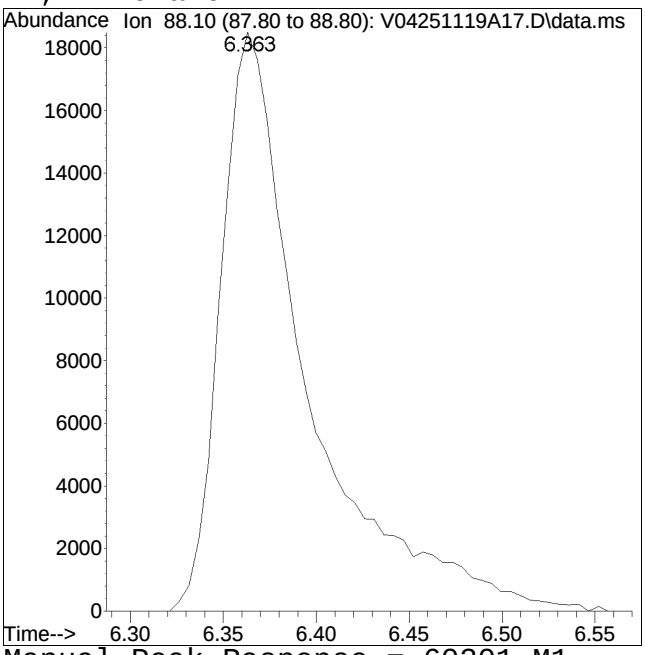


Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A17.D Operator : VOA104:JIC
Date Inj'd : 11/20/2025 1:06 am Instrument : VOA104
Sample : C8260STD40PPB Quant Date : 11/20/2025 8:00 am

Compound #57: 1,4-Dioxane



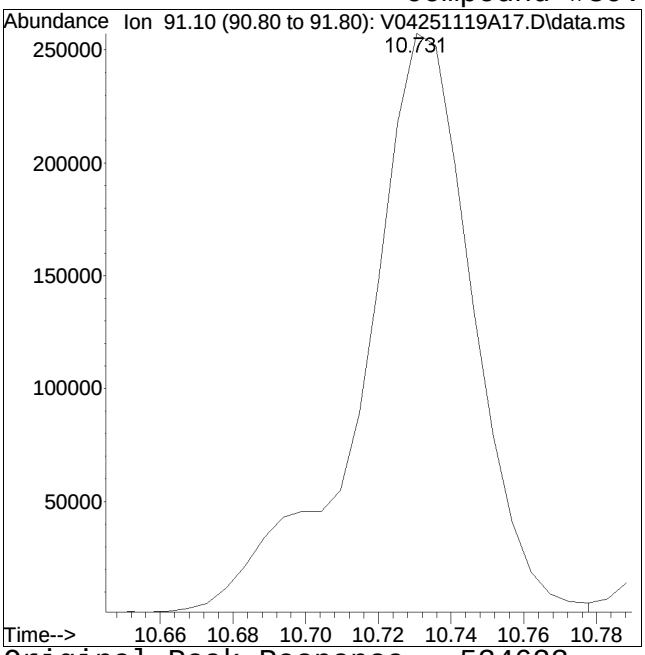


Original Peak Response = 60127 Manual Peak Response = 60201 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

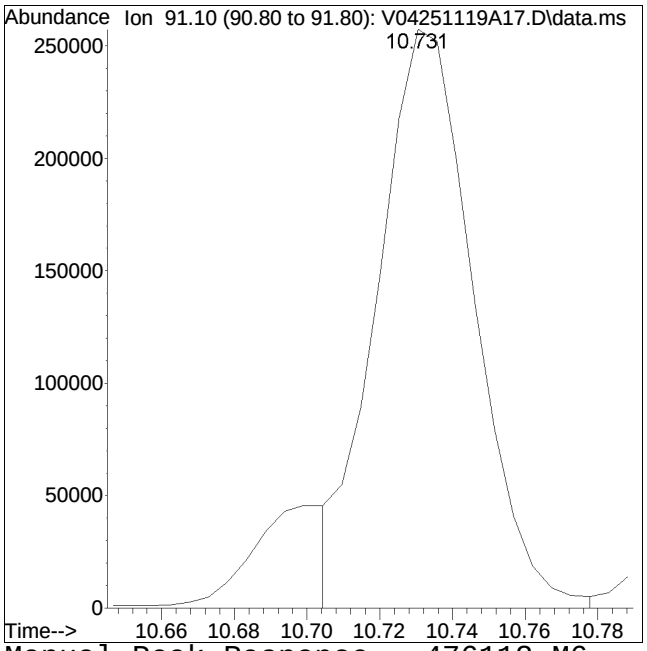
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A17.D Operator : VOA104:JIC
Date Inj'd : 11/20/2025 1:06 am Instrument : VOA104
Sample : C8260STD40PPB Quant Date : 11/20/2025 8:00 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 534623



Manual Peak Response = 476112 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Relative Error Report VOA104

Method Path : K:\VOA104\2025\251119ICAL\
Method File : V104_251119A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Nov 20 07:58:49 2025

	COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
17	TP Acetone	L	ug/L	40.0	40.131	0.3	1.00	1.154	15.4
32	TP Chloroform	L	ug/L	40.0	41.378	3.4	1.00	0.733	-26.7
39	TP 2-Butanone	L	ug/L	40.0	40.152	0.4	4.00	4.393	9.8
57	TP 1,4-Dioxane	L	ug/L	2000.0	2101.138	5.1	40.00	39.469	-1.3
63	TP Tetrachloroethene	L	ug/L	40.0	39.289	-1.8	0.50	0.478	-4.4

Calibration Correlation Report

	COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
17	TP Acetone	Linear	0.997105	0.000000	0.0929832	0.00954355
32	TP Chloroform	Linear	0.999570	0.000000	0.482459	0.0291577
39	TP 2-Butanone	Linear	0.999251	0.000000	0.0785196	-0.00879088
57	TP 1,4-Dioxane	Linear	0.999527	0.000000	0.00170425	-0.0017173
63	TP Tetrachloroethene	Linear	0.999580	0.000000	0.406788	-0.00509252

Response Factor Report VOA100

Method Path : K:\VOA100\2025\251223A\
Method File : V100_251223A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Dec 24 08:02:43 2025
Response Via : Initial Calibration

Calibration Files
0.5 =V00251223A03.D 1.0 =V00251223A05.D 2.0 =V00251223A07.D 4.0 =V00251223A08.D 20 =V00251223A09.D
40 =V00251223A10.D 100 =V00251223A11.D 200 =V00251223A12.D 300 =V00251223A13.D

		Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
1)	I	Fluorobenzene	ISTD										
2)	TP	Dichlorodifluo...	0.251	0.321	0.309	0.276	0.315	0.299	0.303	0.315	0.299		7.90
3)	TP	Chloromethane	0.311	0.338	0.321	0.290	0.316	0.304	0.296	0.309	0.310		4.81
4)	TP	Vinyl chloride	0.258	0.329	0.314	0.297	0.326	0.309	0.310	0.320	0.308		7.35
5)	TP	Bromomethane	0.134	0.157	0.156	0.149	0.165	0.169	0.170	0.185	0.161		9.60
6)	TP	Chloroethane	0.175	0.216	0.207	0.191	0.207	0.198	0.182	0.167	0.193		8.84
7)	TP	Trichlorofluor...	0.370	0.455	0.427	0.389	0.443	0.423	0.433	0.451	0.424		7.10
8)	TP	Ethyl ether	0.135	0.142	0.146	0.153	0.158	0.157	0.164	0.159	0.152		6.47
10)	TP	1,1-Dichloroet...	0.206	0.252	0.248	0.237	0.269	0.257	0.259	0.268	0.250		8.26
11)	TP	Carbon disulfide		1.402	1.144	0.885	0.950	0.894	0.896	0.918	1.013		19.15
12)	TP	Freon-113	0.214	0.256	0.240	0.229	0.268	0.253	0.261	0.270	0.249		7.88
14)	TP	Acrolein		0.015	0.019	0.023	0.023	0.023	0.024	0.024	0.022		16.14
15)	TP	Methylene chlo...	0.324	0.330	0.328	0.299	0.305	0.297	0.296	0.294	0.309		5.03
17)	TP	Acetone		0.177	0.154	0.135	0.133	0.126	0.130	0.119	0.139		14.42
18)	TP	trans-1,2-Dich...	0.247	0.290	0.291	0.280	0.301	0.292	0.291	0.299	0.286		5.95
19)	TP	Methyl acetate	0.235	0.204	0.153	0.176	0.176	0.176	0.186	0.178	0.186		13.16
20)	TP	Methyl tert-bu...	0.727	0.786	0.759	0.817	0.826	0.822	0.849	0.814	0.800		5.04
21)	TP	tert-Butyl alc...	0.027	0.027	0.026	0.033	0.031	0.031	0.035	0.033	0.030		11.51
22)	TP	Diisopropyl ether	0.779	0.873	0.863	0.903	0.940	0.928	0.939	0.917	0.893		6.06
23)	TP	1,1-Dichloroet...	0.463	0.530	0.531	0.510	0.535	0.514	0.510	0.512	0.513		4.40
24)	TP	Halothane	0.190	0.229	0.225	0.210	0.234	0.225	0.228	0.234	0.222		6.75
25)	TP	Acrylonitrile	0.070	0.070	0.077	0.092	0.090	0.088	0.094	0.089	0.084		11.70
26)	TP	Ethyl tert-but...	0.724	0.800	0.804	0.843	0.877	0.865	0.883	0.855	0.832		6.39
27)	TP	Vinyl acetate	0.654	0.674	0.628	0.717	0.729	0.731	0.758	0.733	0.703		6.47
28)	TP	cis-1,2-Dichlo...	0.276	0.326	0.324	0.316	0.331	0.321	0.320	0.325	0.317		5.42
29)	TP	2,2-Dichloropr...	0.409	0.473	0.444	0.415	0.448	0.432	0.435	0.442	0.437		4.50
31)	TP	Bromochloromet...	0.131	0.159	0.154	0.162	0.162	0.157	0.156	0.152	0.154		6.56
32)	TP	Cyclohexane	0.401	0.489	0.446	0.421	0.489	0.464	0.470	0.483	0.458		7.14
33)	TP	Chloroform	0.526	0.572	0.562	0.540	0.562	0.539	0.538	0.540	0.547		2.93
34)	TP	Ethyl acetate	0.289	0.279	0.244	0.276	0.267	0.268	0.287	0.274	0.273		5.19
35)	TP	Carbon tetrach...	0.378	0.462	0.423	0.395	0.454	0.427	0.445	0.453	0.430		6.97

Response Factor Report VOA100

Method Path : K:\VOA100\2025\251223A\
Method File : V100_251223A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Dec 24 08:02:43 2025
Response Via : Initial Calibration

Calibration Files
0.5 =V00251223A03.D 1.0 =V00251223A05.D 2.0 =V00251223A07.D 4.0 =V00251223A08.D 20 =V00251223A09.D
40 =V00251223A10.D 100 =V00251223A11.D 200 =V00251223A12.D 300 =V00251223A13.D

		Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
36)	TP	Tetrahydrofuran		0.134	0.106	0.094	0.091	0.083	0.083	0.088	0.083	0.096	18.00
37)	S	Dibromofluorom...	0.285	0.281	0.282	0.284	0.273	0.275	0.271	0.277	0.272	0.278	1.92
38)	TP	1,1,1-Trichlor...	0.381	0.385	0.455	0.460	0.431	0.481	0.455	0.457	0.471	0.442	8.16
40)	TP	2-Butanone			0.121	0.122	0.116	0.117	0.116	0.125	0.121	0.120	2.84
41)	TP	1,1-Dichloropr...	0.291	0.318	0.390	0.366	0.362	0.397	0.381	0.383	0.393	0.365	10.03
42)	TP	Benzene	0.914	0.959	1.089	1.082	1.075	1.129	1.092	1.085	1.098	1.058	6.75
43)	TP	tert-Amyl meth...		0.702	0.738	0.730	0.786	0.803	0.794	0.825	0.793	0.771	5.52
44)	S	1,2-Dichloroet...	0.287	0.283	0.280	0.280	0.268	0.264	0.267	0.283	0.273	0.276	3.00
45)	TP	1,2-Dichloroet...		0.359	0.378	0.383	0.383	0.387	0.377	0.383	0.375	0.378	2.31
48)	TP	Methyl cyclohe...		0.413	0.480	0.435	0.443	0.520	0.502	0.511	0.531	0.479	9.22
49)	TP	Trichloroethene	0.238	0.259	0.298	0.295	0.290	0.314	0.305	0.311	0.319	0.292	9.20
51)	TP	Dibromomethane		0.170	0.180	0.183	0.187	0.190	0.186	0.192	0.188	0.184	3.81
52)	TP	1,2-Dichloropr...		0.241	0.286	0.282	0.287	0.298	0.290	0.293	0.292	0.284	6.28
54)	TP	2-Chloroethyl ...		0.119	0.137	0.138	0.161	0.162	0.168	0.178	0.174	0.155	13.39
55)	TP	Bromodichlorom...	0.372	0.376	0.429	0.413	0.420	0.432	0.424	0.431	0.429	0.414	5.65
58)	TP	1,4-Dioxane		0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.002	0.002#	15.29
59)	TP	cis-1,3-Dichlo...	0.411	0.416	0.470	0.478	0.488	0.504	0.497	0.506	0.501	0.474	7.72
60)	I	Chlorobenzene-d5	----------	ISTD	----------								
61)	S	Toluene-d8	1.277	1.280	1.286	1.296	1.295	1.297	1.282	1.266	1.288	1.285	0.79
62)	TP	Toluene		0.773	0.884	0.883	0.887	0.940	0.899	0.895	0.920	0.885	5.57
63)	TP	4-Methyl-2-pen...		0.083	0.098	0.100	0.120	0.123	0.122	0.128	0.125	0.112	14.63
64)	TP	Tetrachloroethene	0.355	0.367	0.441	0.410	0.418	0.471	0.450	0.456	0.476	0.427	10.14
66)	TP	trans-1,3-Dich...		0.475	0.520	0.513	0.556	0.575	0.560	0.564	0.560	0.540	6.33
68)	TP	Ethyl methacry...		0.374	0.399	0.407	0.450	0.459	0.441	0.454	0.440	0.428	7.21
69)	TP	1,1,2-Trichlor...		0.229	0.246	0.242	0.265	0.269	0.259	0.263	0.260	0.254	5.36
70)	TP	Chlorodibromom...	0.358	0.362	0.406	0.398	0.430	0.442	0.431	0.440	0.438	0.412	8.00
71)	TP	1,3-Dichloropr...		0.476	0.521	0.505	0.537	0.544	0.524	0.530	0.522	0.520	4.06
72)	TP	1,2-Dibromoethane	0.286	0.262	0.307	0.304	0.331	0.338	0.329	0.338	0.333	0.314	8.49
73)	TP	2-Hexanone		0.209	0.219	0.211	0.234	0.236	0.230	0.244	0.235	0.227	5.65
74)	TP	Chlorobenzene	0.913	0.903	1.043	1.012	1.035	1.078	1.038	1.031	1.049	1.011	6.04
75)	TP	Ethylbenzene		1.529	1.725	1.642	1.661	1.778	1.698	1.678	1.704	1.677	4.33

Method Path : K:\VOA100\2025\251223A\
Method File : V100_251223A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Dec 24 08:02:43 2025
Response Via : Initial Calibration

Calibration Files
0.5 =V00251223A03.D 1.0 =V00251223A05.D 2.0 =V00251223A07.D 4.0 =V00251223A08.D 20 =V00251223A09.D
40 =V00251223A10.D 100 =V00251223A11.D 200 =V00251223A12.D 300 =V00251223A13.D

	Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
76) TP	1,1,1,2-Tetrac...	0.336	0.338	0.372	0.377	0.393	0.413	0.401	0.403	0.405	0.382	7.45
77) TP	p/m Xylene	0.577	0.622	0.676	0.656	0.662	0.709	0.670	0.661	0.670	0.656	5.69
78) TP	o Xylene	0.586	0.598	0.673	0.650	0.664	0.691	0.661	0.653	0.658	0.648	5.27
79) TP	Styrene	0.975	0.985	1.127	1.096	1.141	1.179	1.123	1.101	1.091	1.091	6.25
80) I	1,4-Dichlorobenzene-d4	----------ISTD----------										
81) TP	Bromoform		0.446	0.475	0.464	0.511	0.522	0.531	0.556	0.545	0.506	7.91
83) TP	Isopropylbenzene		2.521	2.997	2.765	2.884	3.113	3.066	3.039	3.115	2.938	7.03
84) S	4-Bromofluorob...	0.796	0.796	0.786	0.785	0.794	0.790	0.800	0.816	0.809	0.797	1.27
85) TP	Bromobenzene		0.689	0.787	0.791	0.825	0.844	0.847	0.855	0.865	0.813	7.08
86) TP	n-Propylbenzene		2.980	3.430	3.146	3.328	3.569	3.472	3.395	3.441	3.345	5.74
87) TP	1,4-Dichlorobu...		0.854	0.895	0.882	0.950	0.942	0.941	0.974	0.946	0.923	4.44
88) TP	1,1,2,2-Tetrac...	0.656	0.624	0.681	0.653	0.725	0.719	0.716	0.742	0.717	0.693	5.86
89) TP	4-Ethyltoluene		2.621	2.925	2.744	2.880	3.044	2.983	2.915	2.961	2.884	4.77
90) TP	2-Chlorotoluene		1.843	2.011	1.978	2.000	2.062	2.029	1.994	2.049	1.996	3.41
91) TP	1,3,5-Trimethy...		2.287	2.547	2.365	2.498	2.621	2.563	2.492	2.527	2.487	4.40
92) TP	1,2,3-Trichlor...		0.501	0.584	0.531	0.574	0.568	0.569	0.574	0.556	0.557	4.96
93) TP	trans-1,4-Dich...		0.198	0.200	0.197	0.228	0.226	0.228	0.225	0.223	0.216	6.71
94) TP	4-Chlorotoluene		1.892	2.122	2.006	2.095	2.149	2.112	2.085	2.100	2.070	4.02
95) TP	tert-Butylbenzene		1.930	2.202	2.004	2.114	2.307	2.257	2.205	2.264	2.160	6.18
98) TP	1,2,4-Trimethy...		2.271	2.482	2.336	2.495	2.589	2.541	2.476	2.499	2.461	4.28
99) TP	sec-Butylbenzene		2.901	3.282	3.002	3.168	3.438	3.351	3.229	3.306	3.210	5.61
100) TP	p-Isopropyltol...		2.479	2.781	2.620	2.763	2.976	2.903	2.801	2.848	2.771	5.70
101) TP	1,3-Dichlorobe...		1.401	1.528	1.475	1.563	1.588	1.575	1.553	1.545	1.529	4.05
102) TP	1,4-Dichlorobe...		1.448	1.591	1.489	1.591	1.591	1.582	1.560	1.554	1.551	3.48
103) TP	p-Diethylbenzene		1.495	1.701	1.569	1.669	1.798	1.759	1.691	1.726	1.676	5.94
104) TP	n-Butylbenzene		2.211	2.552	2.349	2.471	2.645	2.557	2.453	2.491	2.466	5.47
105) TP	1,2-Dichlorobe...		1.294	1.448	1.379	1.488	1.493	1.490	1.472	1.458	1.440	4.84
106) TP	1,2,4,5-Tetram...		2.214	2.397	2.249	2.557	2.678	2.675	2.600	2.622	2.499	7.50
107) TP	1,2-Dibromo-3-...		0.113	0.140	0.130	0.149	0.147	0.149	0.154	0.150	0.141	9.69
108) TP	1,3,5-Trichlor...		1.124	1.243	1.125	1.267	1.275	1.260	1.219	1.223	1.217	4.96
109) TP	Hexachlorobuta...		0.578	0.664	0.593	0.620	0.675	0.663	0.632	0.668	0.637	5.80

Method Path : K:\VOA100\2025\251223A\
Method File : V100_251223A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Dec 24 08:02:43 2025
Response Via : Initial Calibration

Calibration Files
0.5 =V00251223A03.D 1.0 =V00251223A05.D 2.0 =V00251223A07.D 4.0 =V00251223A08.D 20 =V00251223A09.D
40 =V00251223A10.D 100 =V00251223A11.D 200 =V00251223A12.D 300 =V00251223A13.D

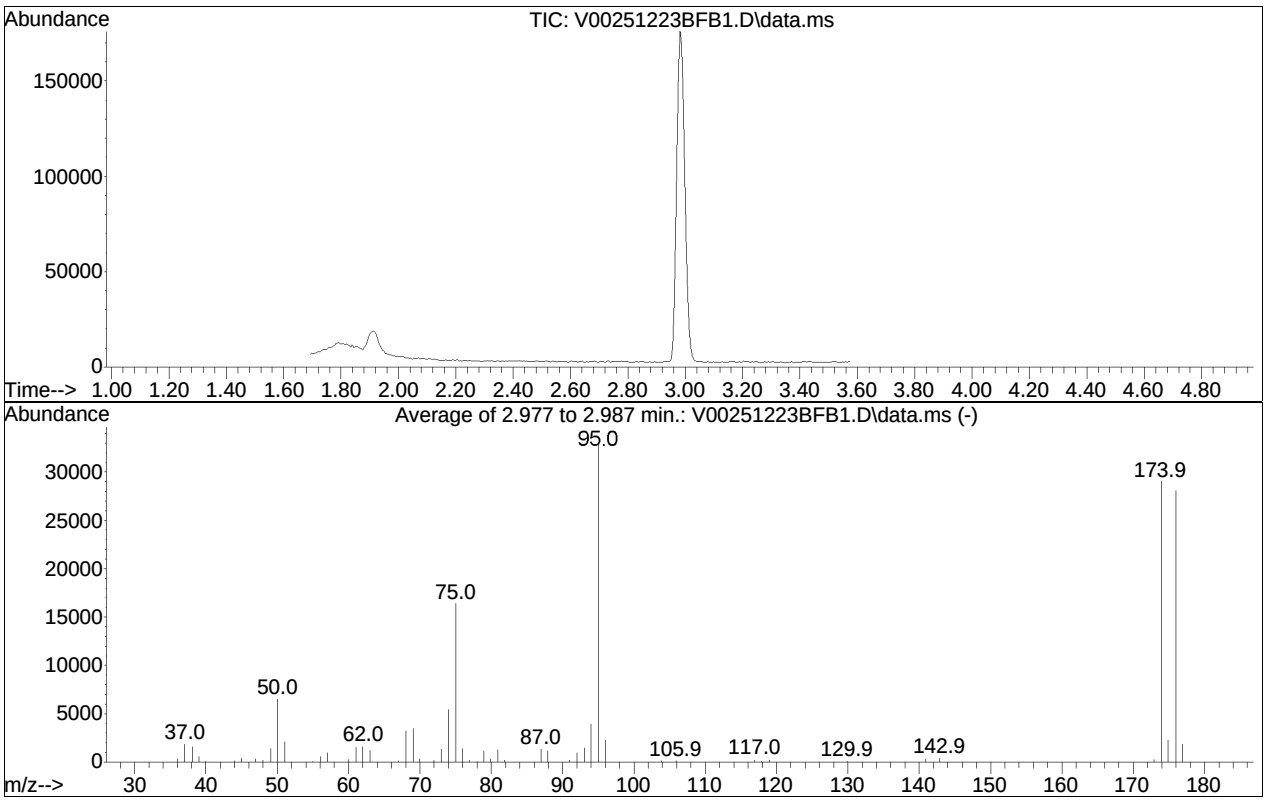
	Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
110) TP	1,2,4-Trichlor...	1.036	1.064	1.012	1.117	1.120	1.119	1.104	1.085	1.082		3.81
111) TP	Naphthalene	2.092	2.115	1.953	2.267	2.260	2.285	2.321	2.254	2.193		5.78
112) TP	1,2,3-Trichlor...	0.939	1.007	0.930	1.033	1.042	1.040	1.018	1.002	1.001		4.37

(#) = Out of Range

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223BFB1.D
Acq On : 23 Dec 2025 02:49 pm
Operator : VOA100:RAW
Sample : WG2158227-1
Misc : WG2158227,ICAL
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Dec 24 08:02:43 2025



Spectrum Information: Average of 2.977 to 2.987 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.8	6530	PASS
75	95	30	60	49.6	16401	PASS
95	95	100	100	100.0	33043	PASS
96	95	5	9	6.9	2286	PASS
173	174	0.00	2	0.8	235	PASS
174	95	50	100	88.0	29075	PASS
175	174	5	9	7.8	2269	PASS
176	174	95	101	96.6	28096	PASS
177	176	5	9	6.6	1846	PASS

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A03.D
Acq On : 23 Dec 2025 04:03 pm
Operator : VOA100:JIC
Sample : I8260STD0.5PPB
Misc : WG2158227,ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 24 07:43:13 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-L0_OH - Level 0.5ppb for Soils OH

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.227	96	232690	20.000 ug/L	0.00
Standard Area 1 = 219329			Recovery = 106.09%		
60) Chlorobenzene-d5	9.793	117	187877	20.000 ug/L	0.00
Standard Area 1 = 172328			Recovery = 109.02%		
80) 1,4-Dichlorobenzene-d4	12.456	152	115790	20.000 ug/L	0.00
Standard Area 1 = 102487			Recovery = 112.98%		
System Monitoring Compounds					
37) Dibromofluoromethane	5.409	113	66348	20.707 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.54%		
44) 1,2-Dichloroethane-d4	5.934	65	66735	21.756 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 108.78%		
61) Toluene-d8	7.937	98	239969	19.698 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.49%		
84) 4-Bromofluorobenzene	11.261	95	92202	20.161 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.81%		
Target Compounds					Qvalue
38) 1,1,1-Trichloroethane	5.441	97	2215	0.396 ug/L #	92
41) 1,1-Dichloropropene	5.567	75	1693	0.366 ug/L	93
42) Benzene	5.808	78	5316	0.405 ug/L	93
49) Trichloroethene	6.411	95	1387	0.380 ug/L	92
55) Bromodichloromethane	7.024	83	2164	0.431 ug/L #	94
59) cis-1,3-Dichloropropene	7.722	75	2392	0.408 ug/L #	55
64) Tetrachloroethene	8.461	166	1668	0.377 ug/L	83
70) Chlorodibromomethane	8.875	129	1682	0.405 ug/L	92
72) 1,2-Dibromoethane	9.158	107	1345	0.423 ug/L	98
74) Chlorobenzene	9.808	112	4288	0.423 ug/L #	68
76) 1,1,1,2-Tetrachloroethane	9.892	131	1580	0.408 ug/L #	65
77) p/m Xylene	10.044	106	5418	0.814 ug/L	94
78) o Xylene	10.574	106	5507	0.848 ug/L	100
79) Styrene	10.631	104	9162	0.827 ug/L	95
88) 1,1,2,2-Tetrachloroethane	11.486	83	1898	0.456 ug/L #	93

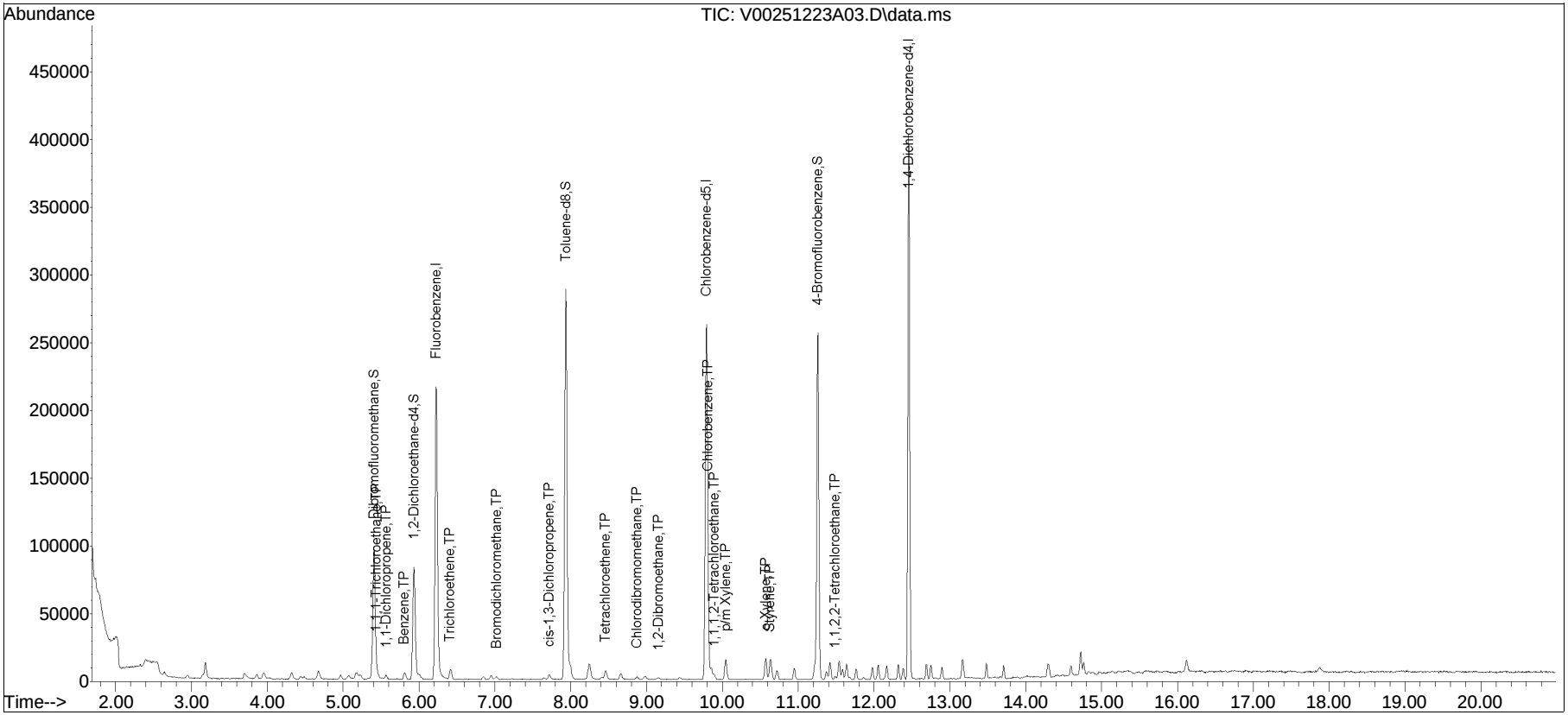
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A03.D
Acq On : 23 Dec 2025 04:03 pm
Operator : VOA100:JIC
Sample : I8260STD0.5PPB
Misc : WG2158227,ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 24 07:43:13 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

Sub List : 8260-L0_OH - Level 0.5ppb for Soils OH0.D•



Manual Integration Report

Data Path	: K:\VOA100\2025\251223A\	QMethod	: V100_251223A_8260.m
Data File	: V00251223A03.D	Operator	: VOA100:JIC
Date Inj'd	: 12/23/2025 4:03 pm	Instrument	: VOA100
Sample	: I8260STD0.5PPB	Quant Date	: 12/24/2025 7:37 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A05.D
Acq On : 23 Dec 2025 04:55 pm
Operator : VOA100:JIC
Sample : I8260STD1PPB
Misc : WG2158227,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 24 08:01:57 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.227	96	226807	20.000 ug/L	0.00
Standard Area 1 = 219329			Recovery = 103.41%		
60) Chlorobenzene-d5	9.793	117	182537	20.000 ug/L	0.00
Standard Area 1 = 172328			Recovery = 105.92%		
80) 1,4-Dichlorobenzene-d4	12.456	152	111846	20.000 ug/L	0.00
Standard Area 1 = 102487			Recovery = 109.13%		
System Monitoring Compounds					
37) Dibromofluoromethane	5.409	113	63647	20.380 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.90%		
44) 1,2-Dichloroethane-d4	5.934	65	64154	21.457 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.29%		
61) Toluene-d8	7.936	98	233691	19.744 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.72%		
84) 4-Bromofluorobenzene	11.261	95	89028	20.154 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.77%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.786	85	2848M1	0.797 ug/L	
3) Chloromethane	2.012	50	3528	0.984 ug/L #	80
4) Vinyl chloride	2.054	62	2925M1	0.790 ug/L	
5) Bromomethane	2.379	94	1519	0.811 ug/L	81
6) Chloroethane	2.505	64	1988	0.849 ug/L	77
7) Trichlorofluoromethane	2.652	101	4195	0.835 ug/L	96
8) Ethyl ether	2.956	74	1529	0.856 ug/L #	84
10) 1,1-Dichloroethene	3.150	96	2333	0.765 ug/L	89
11) Carbon disulfide	3.186	76	19026	1.767 ug/L	97
12) Freon-113	3.192	101	2429	0.800 ug/L	92
14) Acrolein	0.000		0	N.D. d	
15) Methylene chloride	3.700	84	3674	1.062 ug/L	88
17) Acetone	3.732	43	2941	1.956 ug/L #	71
18) trans-1,2-Dichloroethene	3.863	96	2804	0.822 ug/L	93
19) Methyl acetate	3.857	43	2669	1.335 ug/L #	55
20) Methyl tert-butyl ether	3.957	73	8241	0.880 ug/L #	82
21) tert-Butyl alcohol	4.025	59	1509	4.332 ug/L #	60
22) Diisopropyl ether	4.324	45	8830	0.829 ug/L	91
23) 1,1-Dichloroethane	4.450	63	5255	0.867 ug/L	95
24) Halothane	4.487	117	2152	0.810 ug/L	87
25) Acrylonitrile	4.476	53	797	0.784 ug/L #	84

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A05.D
Acq On : 23 Dec 2025 04:55 pm
Operator : VOA100:JIC
Sample : I8260STD1PPB
Misc : WG2158227,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 24 08:01:57 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	8215	0.826	ug/L	#	79
27) Vinyl acetate	4.675	43	7413M1	0.897	ug/L		
28) cis-1,2-Dichloroethene	4.974	96	3132	0.835	ug/L		96
29) 2,2-Dichloropropane	5.069	77	4643	0.914	ug/L	#	74
31) Bromochloromethane	5.163	128	1480	0.805	ug/L	#	82
32) Cyclohexane	5.189	56	4547	0.820	ug/L		99
33) Chloroform	5.231	83	5965	0.935	ug/L		95
34) Ethyl acetate	5.341	43	3280M1	1.083	ug/L		
35) Carbon tetrachloride	5.383	117	4287	0.834	ug/L	#	93
36) Tetrahydrofuran	5.388	42	1516	1.602	ug/L	#	63
38) 1,1,1-Trichloroethane	5.451	97	4368	0.800	ug/L		95
40) 2-Butanone	0.000		0	N.D.	d		
41) 1,1-Dichloropropene	5.572	75	3608	0.801	ug/L		97
42) Benzene	5.813	78	10879	0.850	ug/L		99
43) tert-Amyl methyl ether	5.918	73	7966	0.875	ug/L		94
45) 1,2-Dichloroethane	6.007	62	4069	0.926	ug/L		95
48) Methyl cyclohexane	6.421	83	4681	0.793	ug/L		88
49) Trichloroethene	6.411	95	2934	0.824	ug/L		92
51) Dibromomethane	6.851	93	1926	0.896	ug/L		90
52) 1,2-Dichloropropane	6.946	63	2736	0.809	ug/L		96
54) 2-Chloroethyl vinyl ether	7.648	63	1354	0.737	ug/L	#	100
55) Bromodichloromethane	7.024	83	4265	0.871	ug/L	#	94
58) 1,4-Dioxane	7.239	88	735	24.217	ug/L	#	36
59) cis-1,3-Dichloropropene	7.727	75	4714	0.825	ug/L	#	76
62) Toluene	7.999	92	7058	0.823	ug/L		99
63) 4-Methyl-2-pentanone	8.414	58	758	0.675	ug/L	#	6
64) Tetrachloroethene	8.461	166	3353	0.780	ug/L		87
66) trans-1,3-Dichloropropene	8.466	75	4335	0.827	ug/L	#	78
68) Ethyl methacrylate	8.665	69	3411	0.815	ug/L		85
69) 1,1,2-Trichloroethane	8.655	83	2092	0.854	ug/L		95
70) Chlorodibromomethane	8.875	129	3301	0.818	ug/L		96
71) 1,3-Dichloropropane	8.985	76	4343	0.875	ug/L		98
72) 1,2-Dibromoethane	9.158	107	2391	0.774	ug/L		96
73) 2-Hexanone	9.431	43	1904	0.883	ug/L	#	63
74) Chlorobenzene	9.813	112	8246	0.838	ug/L	#	79
75) Ethylbenzene	9.855	91	13957	0.860	ug/L		100
76) 1,1,1,2-Tetrachloroethane	9.892	131	3088	0.820	ug/L		96
77) p/m Xylene	10.044	106	11345	1.754	ug/L		97
78) o Xylene	10.574	106	10920	1.731	ug/L		95
79) Styrene	10.631	104	17982	1.672	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A05.D
Acq On : 23 Dec 2025 04:55 pm
Operator : VOA100:JIC
Sample : I8260STD1PPB
Misc : WG2158227,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 24 08:01:57 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
81) Bromoform	10.652	173	2496	0.854	ug/L		96
83) Isopropylbenzene	10.946	105	14097	0.810	ug/L		98
85) Bromobenzene	11.371	156	3855	0.817	ug/L		97
86) n-Propylbenzene	11.423	91	16663	0.835	ug/L		99
87) 1,4-Dichlorobutane	11.418	55	4776	0.906	ug/L		93
88) 1,1,2,2-Tetrachloroethane	11.486	83	3491	0.868	ug/L		96
89) 4-Ethyltoluene	11.544	105	14660	0.861	ug/L		100
90) 2-Chlorotoluene	11.580	91	10304	0.893	ug/L		100
91) 1,3,5-Trimethylbenzene	11.638	105	12791	0.873	ug/L		99
92) 1,2,3-Trichloropropane	11.628	75	2804	0.882	ug/L		95
93) trans-1,4-Dichloro-2-b...	11.675	53	1107	0.875	ug/L	#	89
94) 4-Chlorotoluene	11.764	91	10578	0.880	ug/L		99
95) tert-Butylbenzene	11.979	119	10795	0.837	ug/L		96
98) 1,2,4-Trimethylbenzene	12.052	105	12699	0.877	ug/L		99
99) sec-Butylbenzene	12.168	105	16222	0.844	ug/L		99
100) p-Isopropyltoluene	12.320	119	13861	0.833	ug/L		100
101) 1,3-Dichlorobenzene	12.388	146	7836	0.882	ug/L		97
102) 1,4-Dichlorobenzene	12.472	146	8095M3	0.910	ug/L		
103) p-Diethylbenzene	12.692	119	8362	0.831	ug/L		99
104) n-Butylbenzene	12.750	91	12364	0.836	ug/L		99
105) 1,2-Dichlorobenzene	12.896	146	7238	0.867	ug/L		95
106) 1,2,4,5-Tetramethylben...	13.484	119	12383	0.827	ug/L		98
107) 1,2-Dibromo-3-chloropr...	13.662	155	631	0.768	ug/L		93
108) 1,3,5-Trichlorobenzene	13.709	180	6287	0.882	ug/L		96
109) Hexachlorobutadiene	14.286	225	3233	0.857	ug/L		99
110) 1,2,4-Trichlorobenzene	14.302	180	5792	0.924	ug/L		97
111) Naphthalene	14.595	128	11697	0.925	ug/L		100
112) 1,2,3-Trichlorobenzene	14.763	180	5251	0.901	ug/L		96

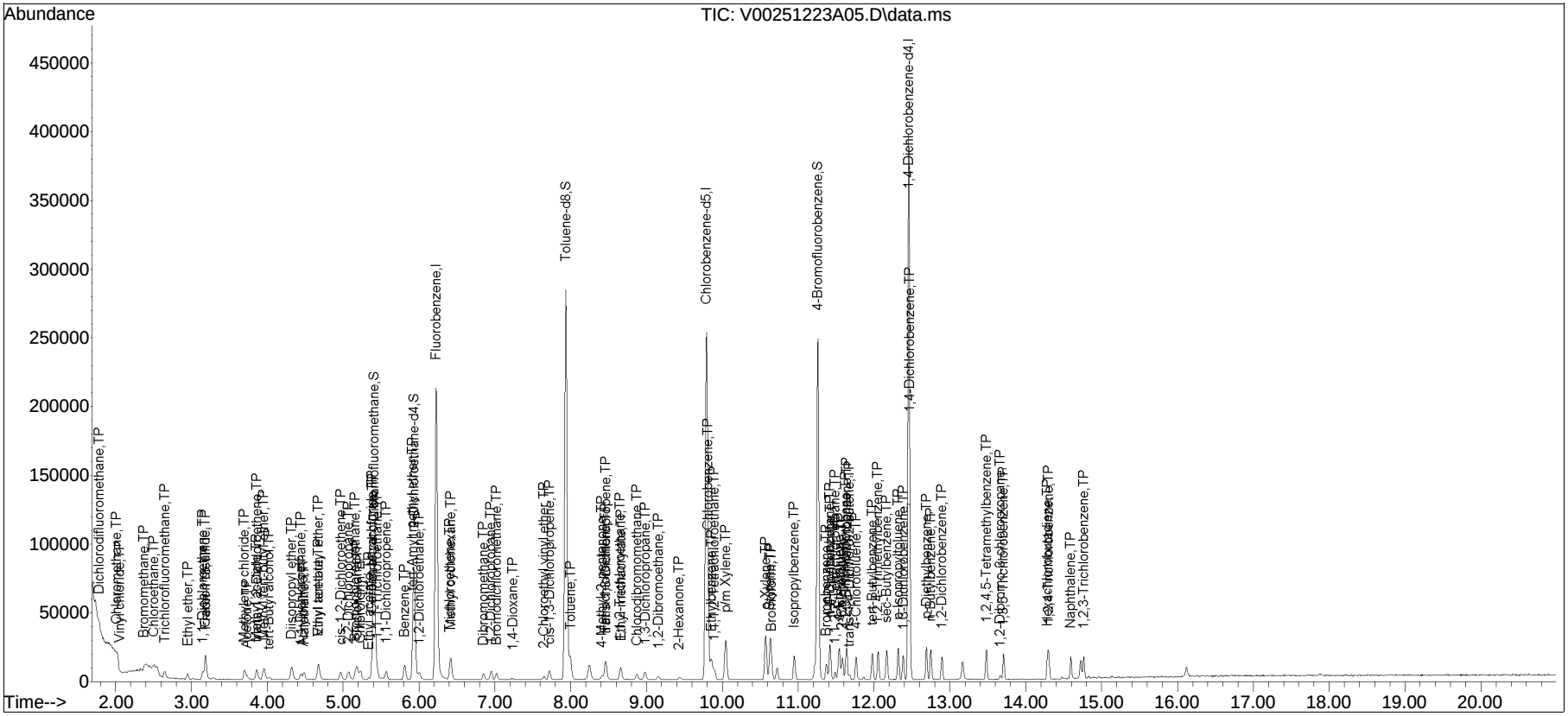
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A05.D
Acq On : 23 Dec 2025 04:55 pm
Operator : VOA100:JIC
Sample : I8260STD1PPB
Misc : WG2158227,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 24 08:01:57 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

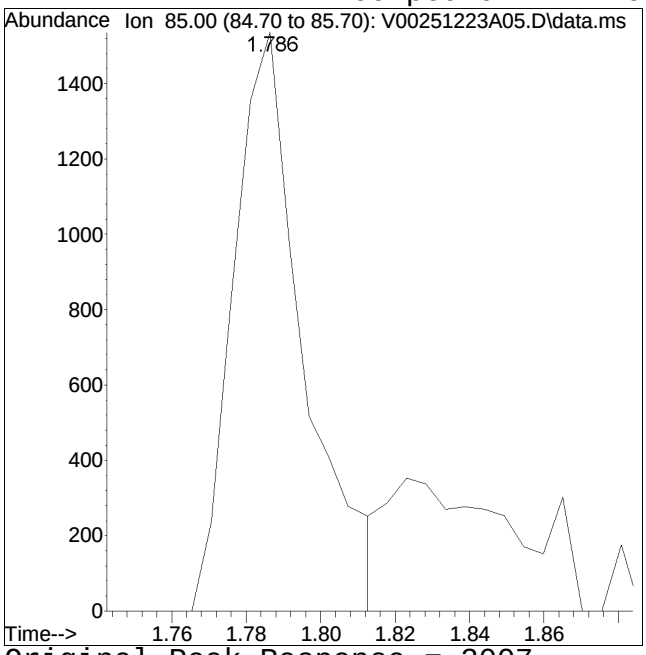
Sub List : 8260-CurveSoil - Megamix plus Diox23A10.D•

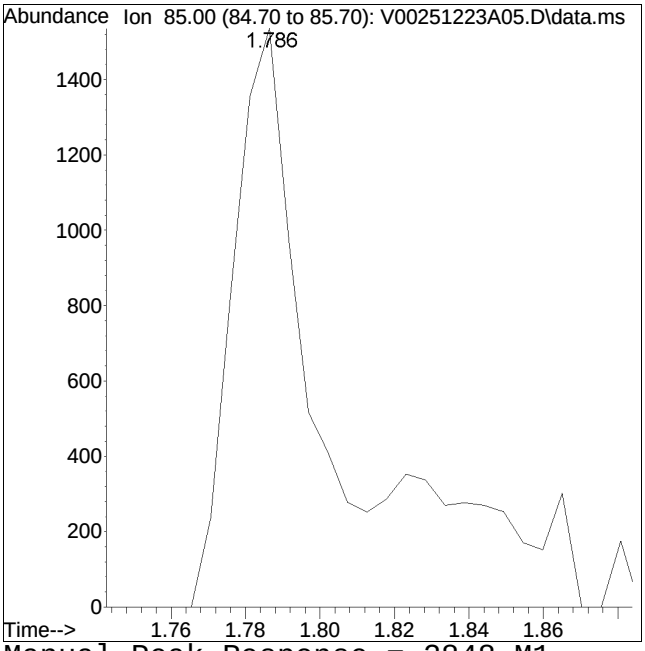


Manual Integration Report

Data Path	: K:\VOA100\2025\251223A\	QMethod	: V100_251223A_8260.m
Data File	: V00251223A05.D	Operator	: VOA100:JIC
Date Inj'd	: 12/23/2025 4:55 pm	Instrument	: VOA100
Sample	: I8260STD1PPB	Quant Date	: 12/24/2025 7:37 am

Compound #2: Dichlorodifluoromethane





Original Peak Response = 2007 Manual Peak Response = 2848 M1

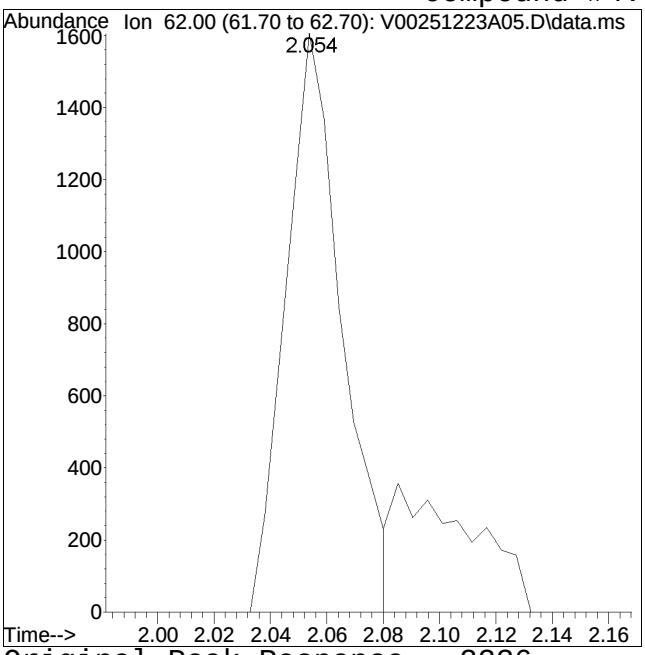
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

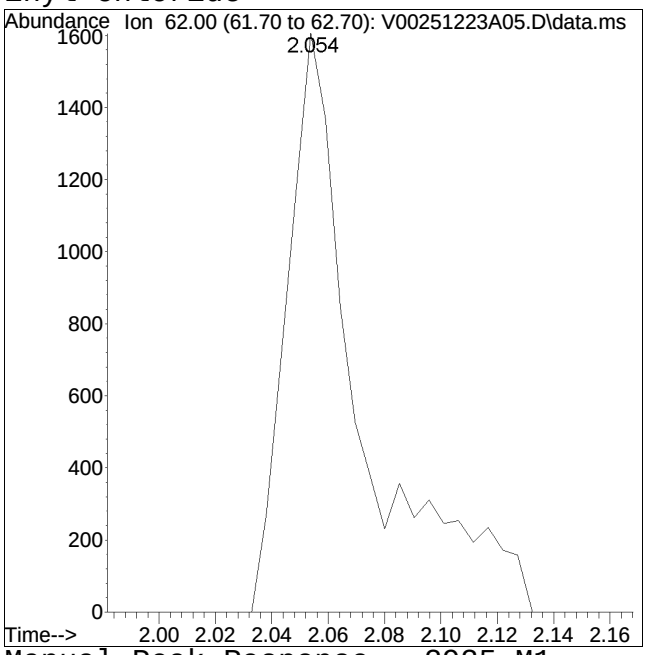
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A05.D
Date Inj'd : 12/23/2025 4:55 pm
Sample : I8260STD1PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:37 am

Compound #4: Vinyl chloride



Original Peak Response = 2236



Manual Peak Response = 2925 M1

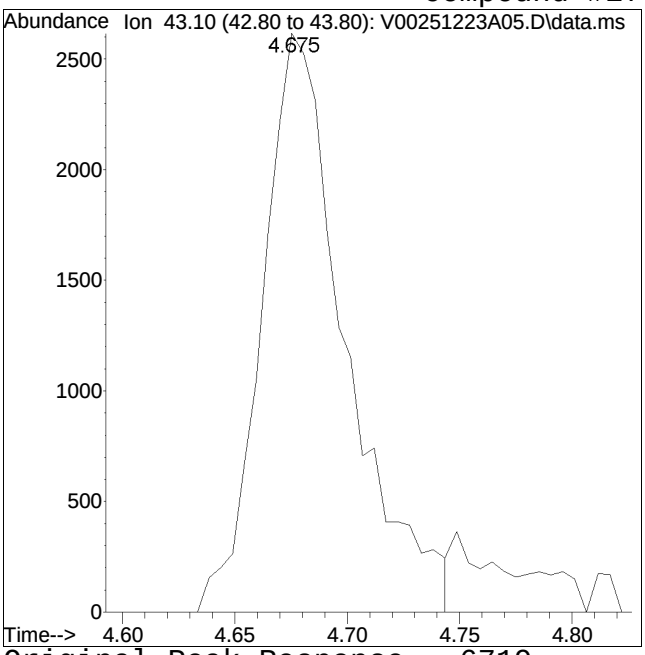
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

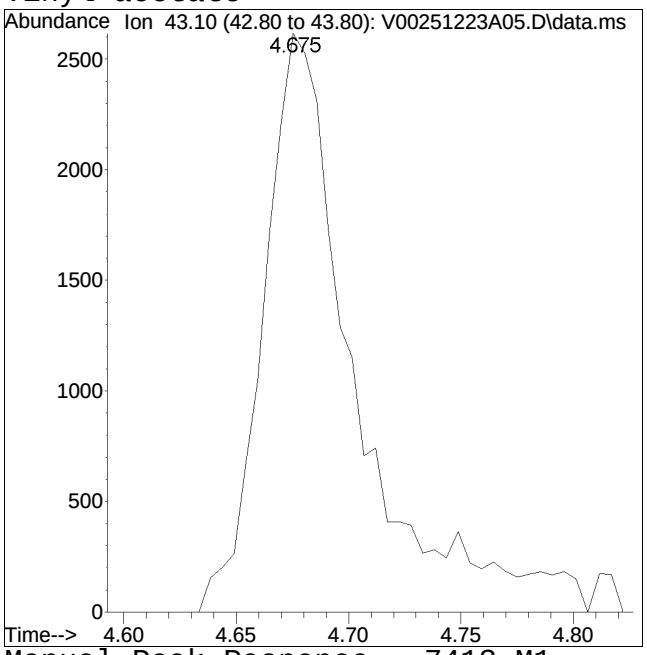
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A05.D
Date Inj'd : 12/23/2025 4:55 pm
Sample : I8260STD1PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:37 am

Compound #27: Vinyl acetate



Original Peak Response = 6719



Manual Peak Response = 7413 M1

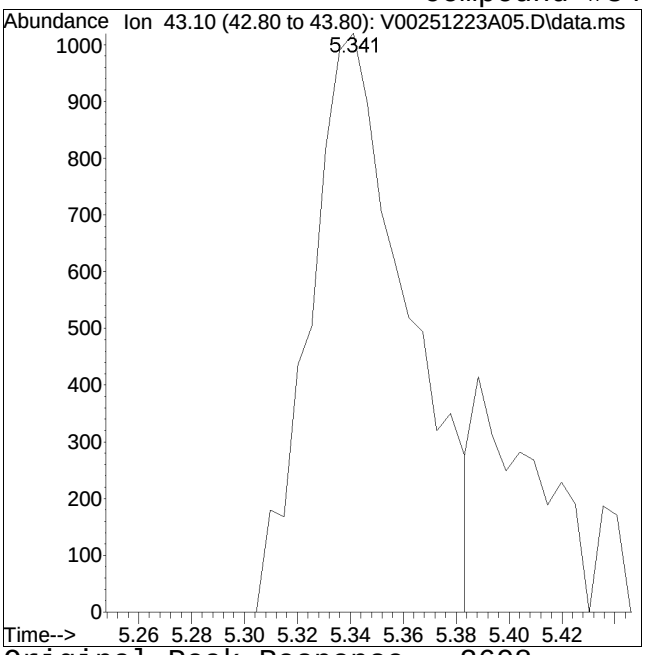
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

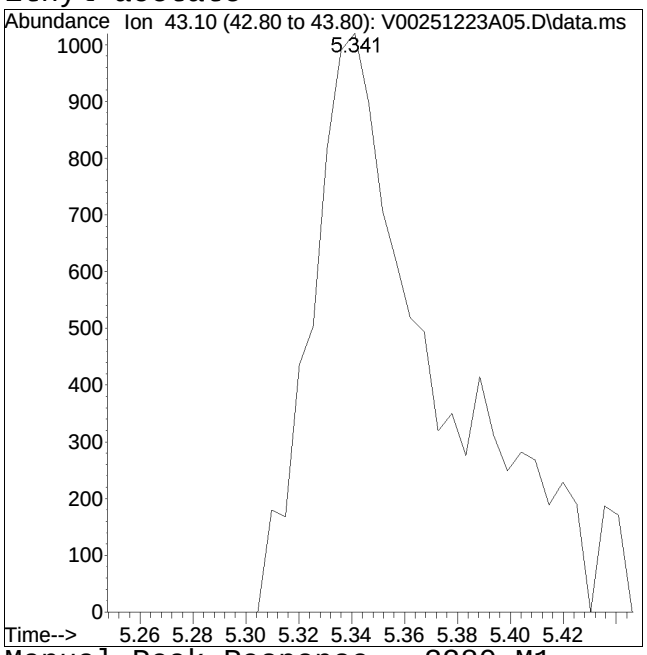
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A05.D
Date Inj'd : 12/23/2025 4:55 pm
Sample : I8260STD1PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:37 am

Compound #34: Ethyl acetate



Original Peak Response = 2608



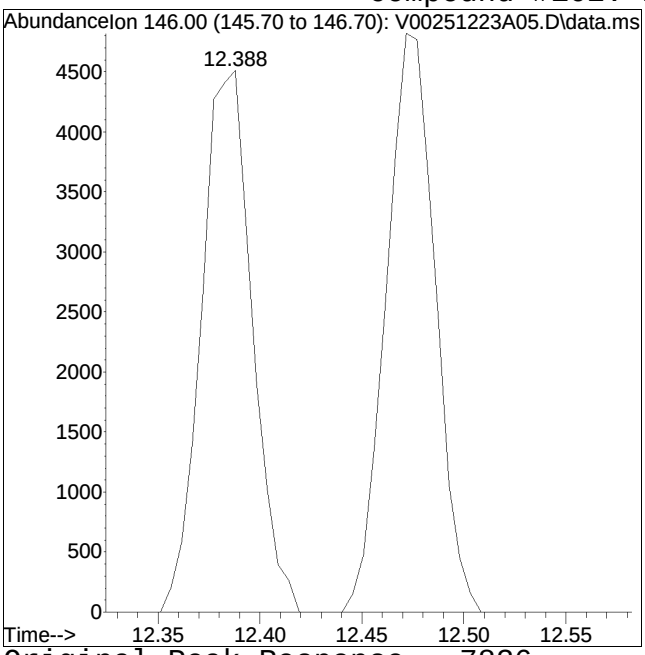
Manual Peak Response = 3280 M1

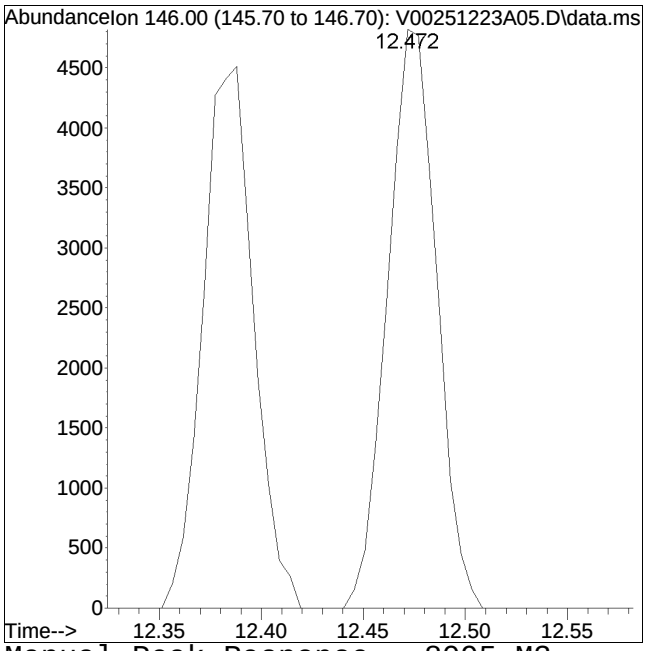
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path	: K:\VOA100\2025\251223A\	QMethod	: V100_251223A_8260.m
Data File	: V00251223A05.D	Operator	: VOA100:JIC
Date Inj'd	: 12/23/2025 4:55 pm	Instrument	: VOA100
Sample	: I8260STD1PPB	Quant Date	: 12/24/2025 7:37 am

Compound #102: 1,4-Dichlorobenzene





Original Peak Response = 7836 Manual Peak Response = 8095 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A07.D
Acq On : 23 Dec 2025 05:48 pm
Operator : VOA100:JIC
Sample : I8260STD2PPB
Misc : WG2158227,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 24 07:46:42 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	214177	20.000	ug/L	0.00
Standard Area 1 = 219329			Recovery = 97.65%			
60) Chlorobenzene-d5	9.793	117	171687	20.000	ug/L	0.00
Standard Area 1 = 172328			Recovery = 99.63%			
80) 1,4-Dichlorobenzene-d4	12.456	152	105250	20.000	ug/L	0.00
Standard Area 1 = 102487			Recovery = 102.70%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	60392	20.478	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.39%			
44) 1,2-Dichloroethane-d4	5.934	65	60051	21.269	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.35%			
61) Toluene-d8	7.937	98	220805	19.834	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.17%			
84) 4-Bromofluorobenzene	11.261	95	82759	19.909	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.787	85	6873	2.037	ug/L	99
3) Chloromethane	2.012	50	7231	2.136	ug/L	95
4) Vinyl chloride	2.054	62	7047	2.017	ug/L	86
5) Bromomethane	2.379	94	3352	1.894	ug/L	94
6) Chloroethane	2.500	64	4619	2.088	ug/L	93
7) Trichlorofluoromethane	2.652	101	9752	2.056	ug/L	99
8) Ethyl ether	2.950	74	3037	1.800	ug/L #	89
10) 1,1-Dichloroethene	3.150	96	5406	1.877	ug/L	88
11) Carbon disulfide	3.186	76	30023	2.952	ug/L	99
12) Freon-113	3.186	101	5477	1.910	ug/L	85
14) Acrolein	3.459	56	319	1.280	ug/L	92
15) Methylene chloride	3.700	84	7072	2.165	ug/L	85
17) Acetone	3.737	43	3795	2.672	ug/L #	59
18) trans-1,2-Dichloroethene	3.863	96	6215	1.929	ug/L	96
19) Methyl acetate	3.863	43	4378	2.319	ug/L #	71
20) Methyl tert-butyl ether	3.957	73	16830	1.903	ug/L #	90
21) tert-Butyl alcohol	4.020	59	2866	8.713	ug/L #	61
22) Diisopropyl ether	4.319	45	18694	1.858	ug/L	94
23) 1,1-Dichloroethane	4.445	63	11347	1.982	ug/L	100
24) Halothane	4.487	117	4907	1.957	ug/L	98
25) Acrylonitrile	4.476	53	1503	1.565	ug/L	94

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A07.D
Acq On : 23 Dec 2025 05:48 pm
Operator : VOA100:JIC
Sample : I8260STD2PPB
Misc : WG2158227,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 24 07:46:42 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	17133	1.824	ug/L	#	78
27) Vinyl acetate	4.675	43	14439	1.850	ug/L	#	88
28) cis-1,2-Dichloroethene	4.964	96	6981	1.971	ug/L		95
29) 2,2-Dichloropropane	5.069	77	10123	2.111	ug/L	#	82
31) Bromochloromethane	5.163	128	3405	1.962	ug/L		88
32) Cyclohexane	5.184	56	10476	2.000	ug/L		98
33) Chloroform	5.231	83	12255	2.035	ug/L		97
34) Ethyl acetate	5.341	43	5980M1	2.090	ug/L		
35) Carbon tetrachloride	5.388	117	9893	2.037	ug/L		97
36) Tetrahydrofuran	5.388	42	2271	2.541	ug/L	#	66
38) 1,1,1-Trichloroethane	5.446	97	9755	1.893	ug/L		96
40) 2-Butanone	5.514	43	2587	2.056	ug/L	#	76
41) 1,1-Dichloropropene	5.567	75	8348	1.962	ug/L		99
42) Benzene	5.813	78	23320	1.928	ug/L		97
43) tert-Amyl methyl ether	5.923	73	15805	1.838	ug/L		95
45) 1,2-Dichloroethane	6.007	62	8105	1.954	ug/L		99
48) Methyl cyclohexane	6.421	83	10273	1.844	ug/L		91
49) Trichloroethene	6.416	95	6372	1.896	ug/L		93
51) Dibromomethane	6.851	93	3856	1.899	ug/L	#	87
52) 1,2-Dichloropropane	6.956	63	6120	1.916	ug/L		99
54) 2-Chloroethyl vinyl ether	7.643	63	2943	1.696	ug/L	#	100
55) Bromodichloromethane	7.024	83	9183	1.986	ug/L	#	97
58) 1,4-Dioxane	7.224	88	1904	66.434	ug/L	#	90
59) cis-1,3-Dichloropropene	7.716	75	10062	1.865	ug/L	#	82
62) Toluene	7.994	92	15173	1.880	ug/L		99
63) 4-Methyl-2-pentanone	8.414	58	1680	1.590	ug/L	#	29
64) Tetrachloroethene	8.461	166	7578	1.875	ug/L		93
66) trans-1,3-Dichloropropene	8.466	75	8927	1.810	ug/L		86
68) Ethyl methacrylate	8.660	69	6852M1	1.740	ug/L		
69) 1,1,2-Trichloroethane	8.650	83	4216	1.829	ug/L		98
70) Chlorodibromomethane	8.870	129	6972	1.838	ug/L		98
71) 1,3-Dichloropropane	8.980	76	8953	1.919	ug/L		99
72) 1,2-Dibromoethane	9.153	107	5267	1.814	ug/L		97
73) 2-Hexanone	9.431	43	3760M1	1.854	ug/L		
74) Chlorobenzene	9.814	112	17904	1.935	ug/L		91
75) Ethylbenzene	9.856	91	29609	1.940	ug/L		99
76) 1,1,1,2-Tetrachloroethane	9.898	131	6394	1.805	ug/L		97
77) p/m Xylene	10.044	106	23226	3.818	ug/L		99
78) o Xylene	10.574	106	23112	3.894	ug/L		98
79) Styrene	10.632	104	38700	3.825	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A07.D
Acq On : 23 Dec 2025 05:48 pm
Operator : VOA100:JIC
Sample : I8260STD2PPB
Misc : WG2158227,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 24 07:46:42 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.658	173	5003	1.820	ug/L	99
83) Isopropylbenzene	10.946	105	31547	1.926	ug/L	99
85) Bromobenzene	11.376	156	8283	1.865	ug/L	100
86) n-Propylbenzene	11.418	91	36102	1.922	ug/L	97
87) 1,4-Dichlorobutane	11.418	55	9421	1.899	ug/L	95
88) 1,1,2,2-Tetrachloroethane	11.486	83	7168	1.893	ug/L	98
89) 4-Ethyltoluene	11.544	105	30786	1.922	ug/L	100
90) 2-Chlorotoluene	11.581	91	21164M6	1.950	ug/L	
91) 1,3,5-Trimethylbenzene	11.638	105	26807	1.943	ug/L	97
92) 1,2,3-Trichloropropane	11.622	75	6148M6	2.056	ug/L	
93) trans-1,4-Dichloro-2-b...	11.675	53	2105	1.768	ug/L	95
94) 4-Chlorotoluene	11.759	91	22332	1.975	ug/L	97
95) tert-Butylbenzene	11.979	119	23180	1.910	ug/L	96
98) 1,2,4-Trimethylbenzene	12.052	105	26122	1.917	ug/L	99
99) sec-Butylbenzene	12.168	105	34539	1.909	ug/L	99
100) p-Isopropyltoluene	12.320	119	29268	1.869	ug/L	97
101) 1,3-Dichlorobenzene	12.383	146	16083	1.925	ug/L	98
102) 1,4-Dichlorobenzene	12.472	146	16749	2.001	ug/L	96
103) p-Diethylbenzene	12.692	119	17907	1.892	ug/L	97
104) n-Butylbenzene	12.750	91	26863	1.930	ug/L	98
105) 1,2-Dichlorobenzene	12.891	146	15239	1.940	ug/L	98
106) 1,2,4,5-Tetramethylben...	13.479	119	25224	1.790	ug/L	99
107) 1,2-Dibromo-3-chloropr...	13.662	155	1469	1.901	ug/L	97
108) 1,3,5-Trichlorobenzene	13.709	180	13084	1.950	ug/L	97
109) Hexachlorobutadiene	14.286	225	6990	1.969	ug/L	98
110) 1,2,4-Trichlorobenzene	14.302	180	11201	1.900	ug/L	97
111) Naphthalene	14.595	128	22261	1.872	ug/L	100
112) 1,2,3-Trichlorobenzene	14.763	180	10597	1.933	ug/L	99

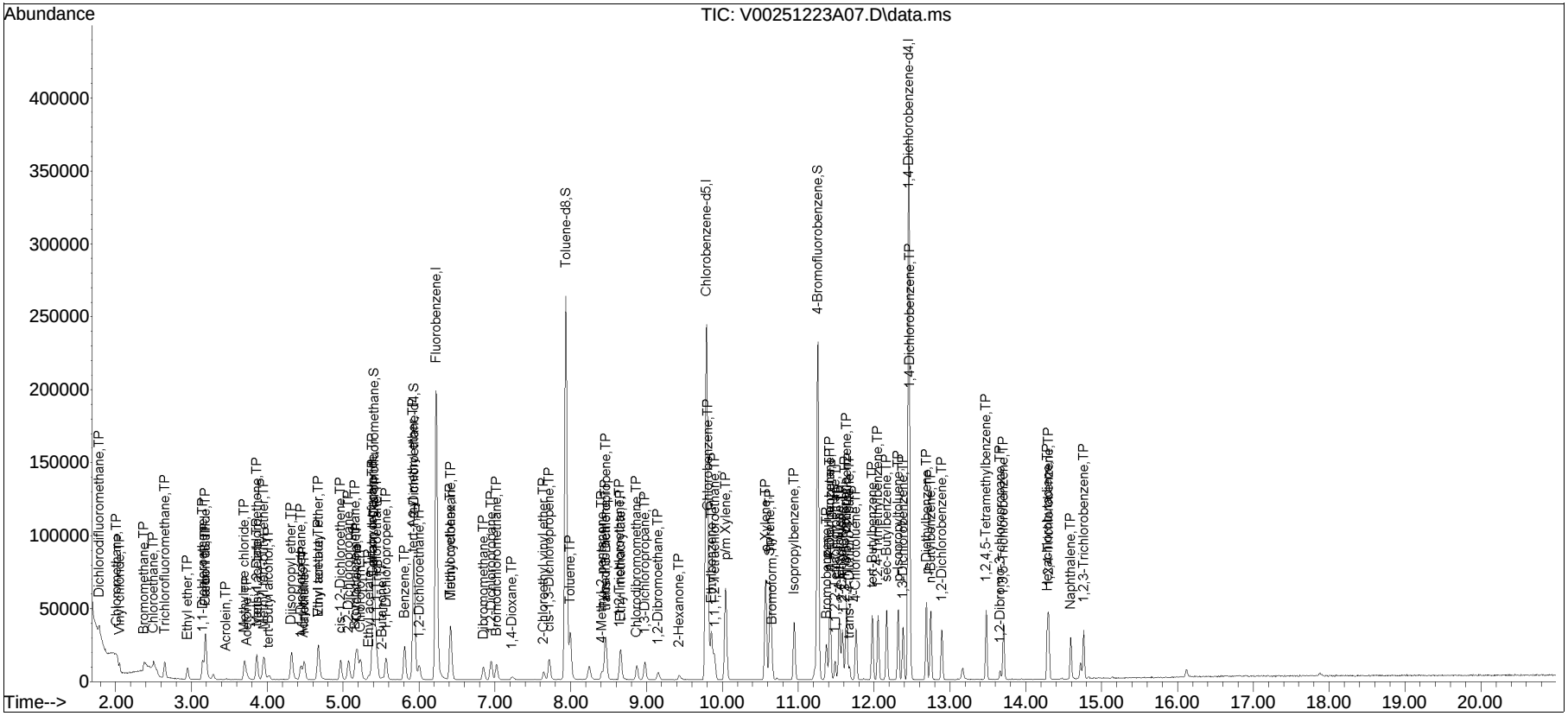
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A07.D
Acq On : 23 Dec 2025 05:48 pm
Operator : VOA100:JIC
Sample : I8260STD2PPB
Misc : WG2158227,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 24 07:46:42 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

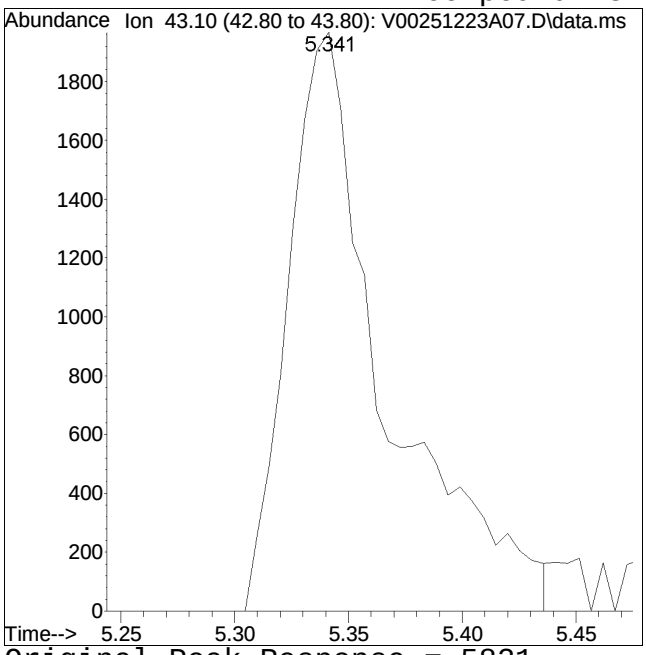
Sub List : 8260-CurveSoil - Megamix plus Diox23A10.D•

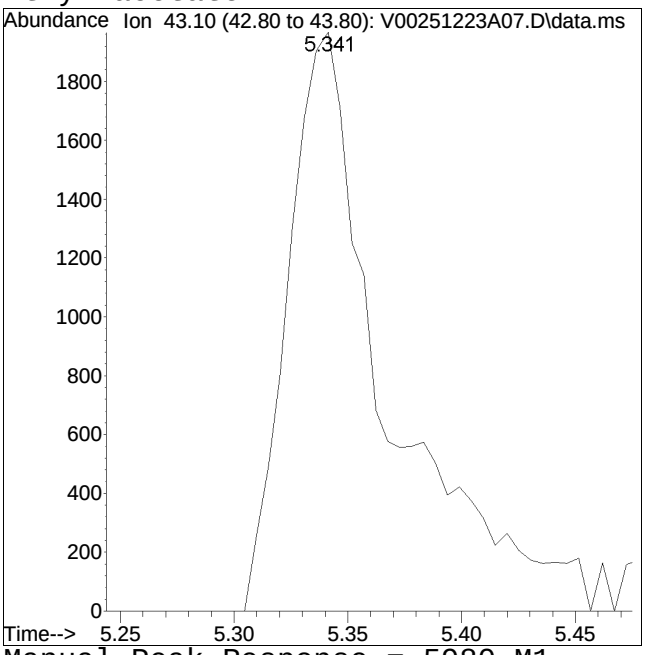


Manual Integration Report

Data Path	: K:\VOA100\2025\251223A\	QMethod	: V100_251223A_8260.m
Data File	: V00251223A07.D	Operator	: VOA100:JIC
Date Inj'd	: 12/23/2025 5:48 pm	Instrument	: VOA100
Sample	: I8260STD2PPB	Quant Date	: 12/24/2025 7:37 am

Compound #34: Ethyl acetate





Original Peak Response = 5821 Manual Peak Response = 5980 M1

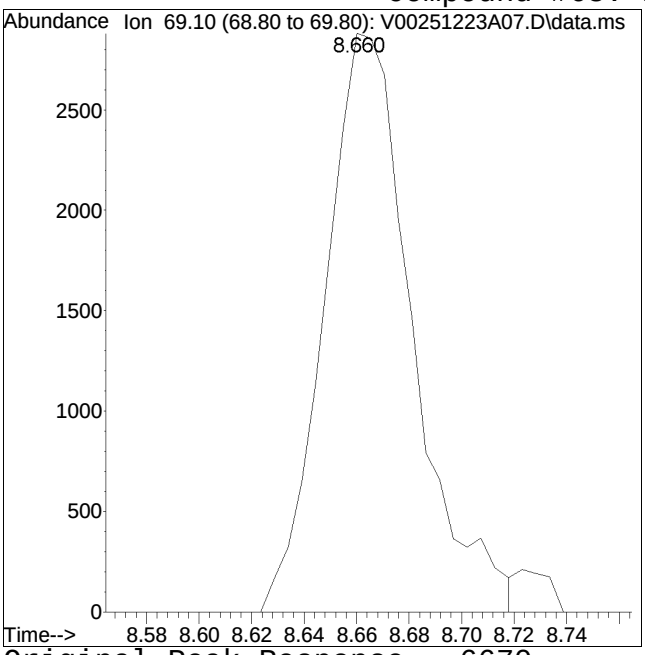
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

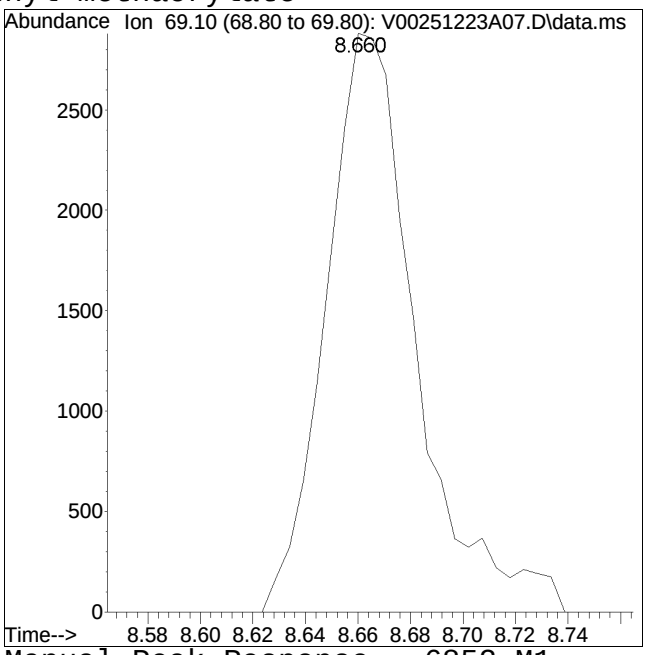
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A07.D
Date Inj'd : 12/23/2025 5:48 pm
Sample : I8260STD2PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:37 am

Compound #68: Ethyl methacrylate



Original Peak Response = 6670



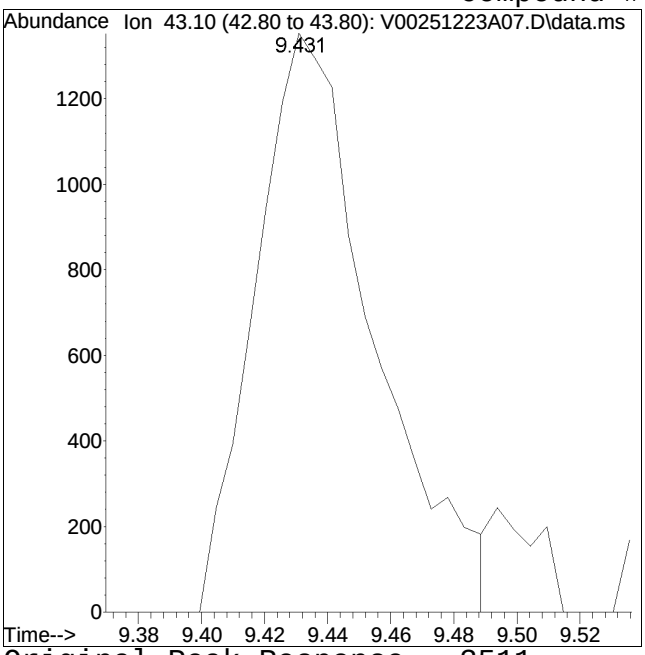
Manual Peak Response = 6852 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

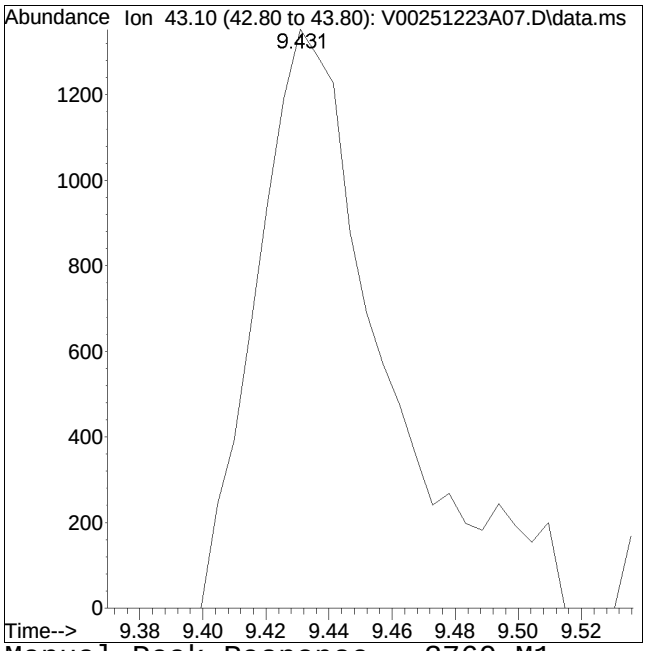
Manual Integration Report

Data Path	: K:\VOA100\2025\251223A\	QMethod	: V100_251223A_8260.m
Data File	: V00251223A07.D	Operator	: VOA100:JIC
Date Inj'd	: 12/23/2025 5:48 pm	Instrument	: VOA100
Sample	: I8260STD2PPB	Quant Date	: 12/24/2025 7:37 am

Compound #73: 2-Hexanone



Original Peak Response = 3511



Manual Peak Response = 3760 M1

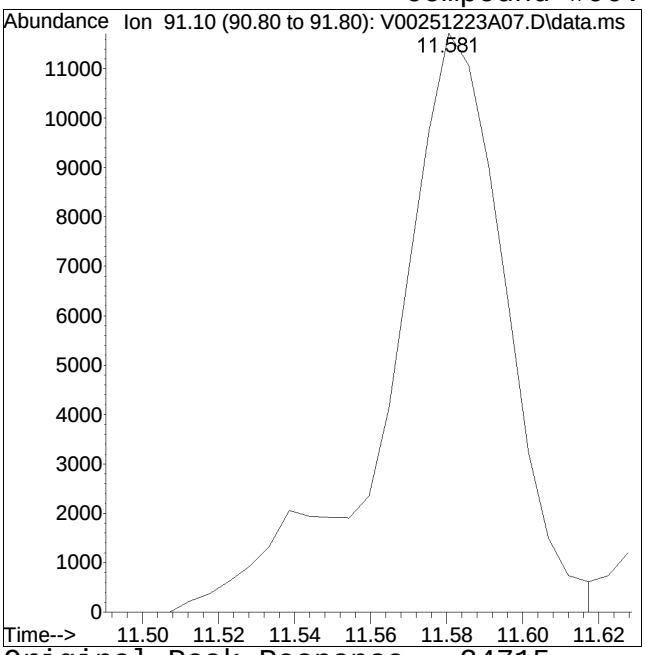
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

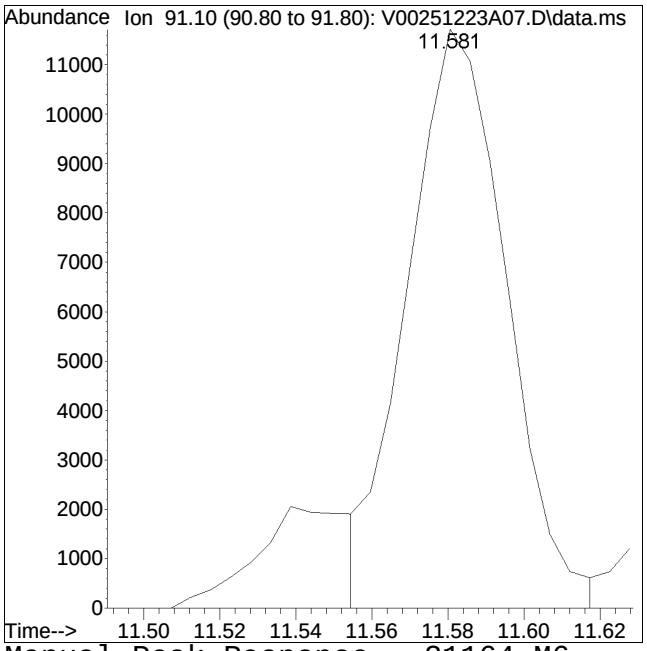
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A07.D
Date Inj'd : 12/23/2025 5:48 pm
Sample : I8260STD2PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:37 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 24715



Manual Peak Response = 21164 M6

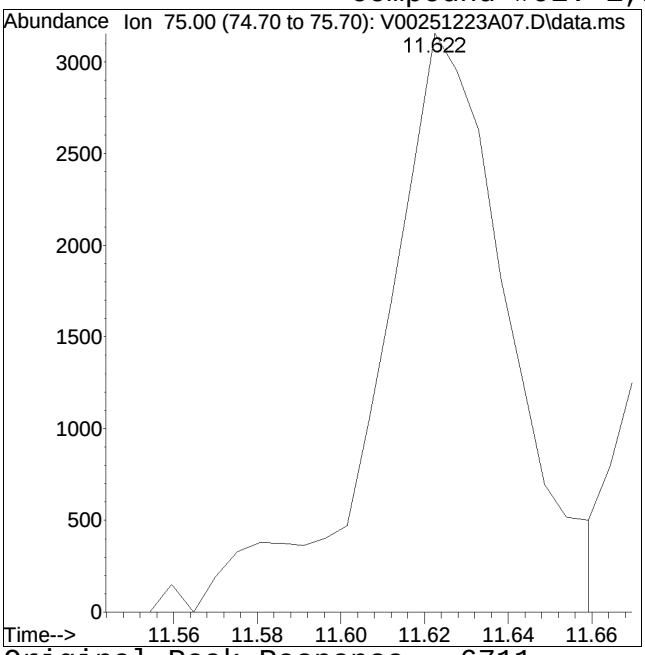
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

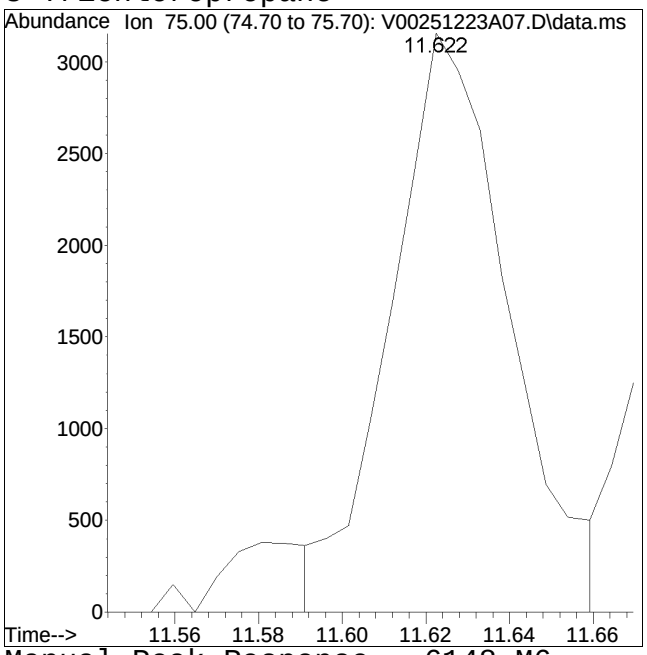
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A07.D
Date Inj'd : 12/23/2025 5:48 pm
Sample : I8260STD2PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:37 am

Compound #92: 1,2,3-Trichloropropane



Original Peak Response = 6711



Manual Peak Response = 6148 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A08.D
Acq On : 23 Dec 2025 06:14 pm
Operator : VOA100:JIC
Sample : I8260STD4PPB
Misc : WG2158227,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 24 07:48:26 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.227	96	218832	20.000 ug/L	0.00
Standard Area 1 = 219329			Recovery = 99.77%		
60) Chlorobenzene-d5	9.793	117	175171	20.000 ug/L	0.00
Standard Area 1 = 172328			Recovery = 101.65%		
80) 1,4-Dichlorobenzene-d4	12.456	152	106202	20.000 ug/L	0.00
Standard Area 1 = 102487			Recovery = 103.62%		
System Monitoring Compounds					
37) Dibromofluoromethane	5.404	113	62175	20.634 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.17%		
44) 1,2-Dichloroethane-d4	5.934	65	61287	21.245 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.23%		
61) Toluene-d8	7.937	98	226995	19.984 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.92%		
84) 4-Bromofluorobenzene	11.261	95	83393	19.881 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.41%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.781	85	13513M1	3.919 ug/L	
3) Chloromethane	2.007	50	14028	4.055 ug/L	97
4) Vinyl chloride	2.054	62	13747	3.850 ug/L	91
5) Bromomethane	2.379	94	6833	3.779 ug/L	97
6) Chloroethane	2.505	64	9041	4.000 ug/L	85
7) Trichlorofluoromethane	2.646	101	18672	3.852 ug/L	98
8) Ethyl ether	2.950	74	6378	3.700 ug/L #	87
10) 1,1-Dichloroethene	3.150	96	10872	3.694 ug/L	88
11) Carbon disulfide	3.186	76	50078	4.820 ug/L	98
12) Freon-113	3.186	101	10483	3.578 ug/L	88
14) Acrolein	3.459	56	829	3.255 ug/L	97
15) Methylene chloride	3.700	84	14346	4.298 ug/L	89
17) Acetone	3.732	43	6748	4.650 ug/L #	85
18) trans-1,2-Dichloroethene	3.863	96	12728	3.866 ug/L	94
19) Methyl acetate	3.852	43	6711	3.479 ug/L #	83
20) Methyl tert-butyl ether	3.952	73	33209	3.674 ug/L #	91
21) tert-Butyl alcohol	4.025	59	5650	16.812 ug/L #	78
22) Diisopropyl ether	4.324	45	37780	3.675 ug/L	94
23) 1,1-Dichloroethane	4.445	63	23248	3.974 ug/L	99
24) Halothane	4.487	117	9849	3.844 ug/L	96
25) Acrylonitrile	4.471	53	3359	3.423 ug/L	92

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A08.D
Acq On : 23 Dec 2025 06:14 pm
Operator : VOA100:JIC
Sample : I8260STD4PPB
Misc : WG2158227,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 24 07:48:26 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	35204	3.668	ug/L	#	81
27) Vinyl acetate	4.675	43	27476	3.446	ug/L	#	90
28) cis-1,2-Dichloroethene	4.969	96	14173	3.916	ug/L		96
29) 2,2-Dichloropropane	5.074	77	19430	3.965	ug/L		85
31) Bromochloromethane	5.163	128	6729	3.795	ug/L		91
32) Cyclohexane	5.184	56	19535	3.651	ug/L		96
33) Chloroform	5.231	83	24617	4.001	ug/L		96
34) Ethyl acetate	5.336	43	10681	3.654	ug/L	#	87
35) Carbon tetrachloride	5.383	117	18494	3.727	ug/L		98
36) Tetrahydrofuran	5.383	42	4133	4.526	ug/L	#	72
38) 1,1,1-Trichloroethane	5.446	97	20147	3.826	ug/L		97
40) 2-Butanone	5.514	43	5334M1	4.150	ug/L		
41) 1,1-Dichloropropene	5.567	75	15999	3.681	ug/L		98
42) Benzene	5.808	78	47361	3.833	ug/L		98
43) tert-Amyl methyl ether	5.923	73	31930	3.635	ug/L		95
45) 1,2-Dichloroethane	6.002	62	16783	3.961	ug/L		97
48) Methyl cyclohexane	6.416	83	19020	3.341	ug/L		98
49) Trichloroethene	6.411	95	12900	3.757	ug/L		92
51) Dibromomethane	6.851	93	8001	3.856	ug/L		91
52) 1,2-Dichloropropane	6.951	63	12341	3.782	ug/L		99
54) 2-Chloroethyl vinyl ether	7.643	63	6060	3.417	ug/L	#	100
55) Bromodichloromethane	7.024	83	18070	3.824	ug/L		99
58) 1,4-Dioxane	7.224	88	5228	178.534	ug/L	#	93
59) cis-1,3-Dichloropropene	7.716	75	20915	3.793	ug/L	#	84
62) Toluene	8.000	92	30947	3.758	ug/L		96
63) 4-Methyl-2-pentanone	8.414	58	3512	3.258	ug/L	#	41
64) Tetrachloroethene	8.456	166	14352	3.481	ug/L		93
66) trans-1,3-Dichloropropene	8.471	75	17975	3.572	ug/L		88
68) Ethyl methacrylate	8.660	69	14265	3.550	ug/L		91
69) 1,1,2-Trichloroethane	8.655	83	8487	3.608	ug/L		100
70) Chlorodibromomethane	8.875	129	13961	3.607	ug/L		97
71) 1,3-Dichloropropane	8.980	76	17709	3.720	ug/L		100
72) 1,2-Dibromoethane	9.158	107	10634	3.589	ug/L		98
73) 2-Hexanone	9.431	43	7375M1	3.564	ug/L		
74) Chlorobenzene	9.814	112	35455	3.755	ug/L		98
75) Ethylbenzene	9.856	91	57531	3.694	ug/L		99
76) 1,1,1,2-Tetrachloroethane	9.898	131	13211	3.656	ug/L		99
77) p/m Xylene	10.044	106	45946	7.403	ug/L		98
78) o Xylene	10.569	106	45523	7.518	ug/L		97
79) Styrene	10.632	104	76782	7.437	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A08.D
Acq On : 23 Dec 2025 06:14 pm
Operator : VOA100:JIC
Sample : I8260STD4PPB
Misc : WG2158227,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 24 07:48:26 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.653	173	9858	3.554	ug/L	99
83) Isopropylbenzene	10.946	105	58740	3.554	ug/L	98
85) Bromobenzene	11.371	156	16803	3.749	ug/L	98
86) n-Propylbenzene	11.418	91	66823	3.526	ug/L	97
87) 1,4-Dichlorobutane	11.418	55	18733	3.743	ug/L	98
88) 1,1,2,2-Tetrachloroethane	11.486	83	13863	3.629	ug/L	98
89) 4-Ethyltoluene	11.544	105	58276	3.605	ug/L	98
90) 2-Chlorotoluene	11.581	91	42015M6	3.837	ug/L	
91) 1,3,5-Trimethylbenzene	11.638	105	50227	3.609	ug/L	96
92) 1,2,3-Trichloropropane	11.628	75	11278	3.737	ug/L	98
93) trans-1,4-Dichloro-2-b...	11.675	53	4191	3.488	ug/L	98
94) 4-Chlorotoluene	11.759	91	42610	3.734	ug/L	96
95) tert-Butylbenzene	11.979	119	42564	3.475	ug/L	96
98) 1,2,4-Trimethylbenzene	12.052	105	49618	3.609	ug/L	99
99) sec-Butylbenzene	12.168	105	63768	3.493	ug/L	99
100) p-Isopropyltoluene	12.320	119	55643	3.521	ug/L	98
101) 1,3-Dichlorobenzene	12.383	146	31331	3.716	ug/L	98
102) 1,4-Dichlorobenzene	12.472	146	31620	3.744	ug/L	98
103) p-Diethylbenzene	12.692	119	33323	3.489	ug/L	98
104) n-Butylbenzene	12.750	91	49903	3.553	ug/L	99
105) 1,2-Dichlorobenzene	12.897	146	29293	3.695	ug/L	97
106) 1,2,4,5-Tetramethylben...	13.479	119	47769	3.359	ug/L	98
107) 1,2-Dibromo-3-chloropr...	13.667	155	2764	3.545	ug/L	93
108) 1,3,5-Trichlorobenzene	13.709	180	23885	3.528	ug/L	96
109) Hexachlorobutadiene	14.286	225	12585	3.513	ug/L	98
110) 1,2,4-Trichlorobenzene	14.302	180	21503	3.614	ug/L	97
111) Naphthalene	14.595	128	41483	3.456	ug/L	100
112) 1,2,3-Trichlorobenzene	14.763	180	19746	3.569	ug/L	98

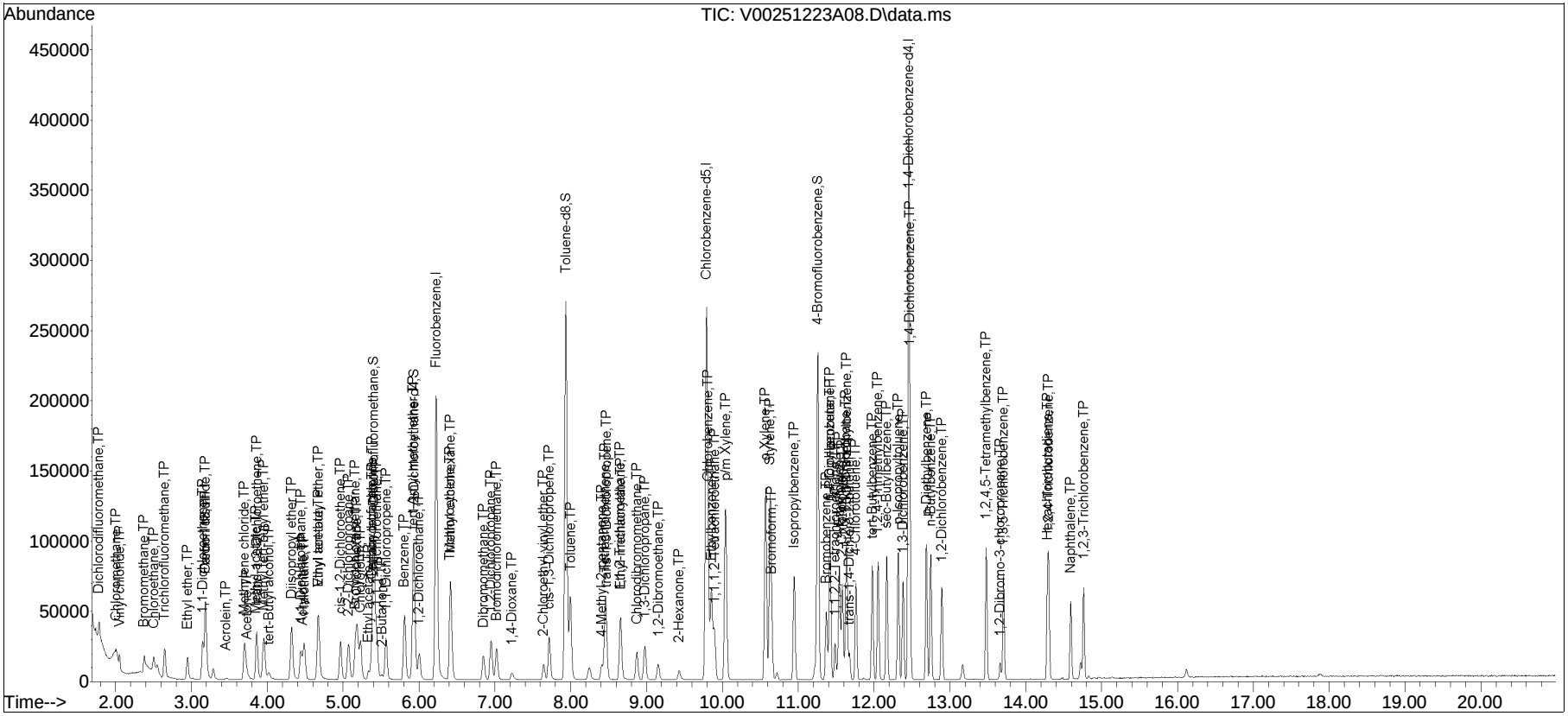
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A08.D
Acq On : 23 Dec 2025 06:14 pm
Operator : VOA100:JIC
Sample : I8260STD4PPB
Misc : WG2158227,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 24 07:48:26 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

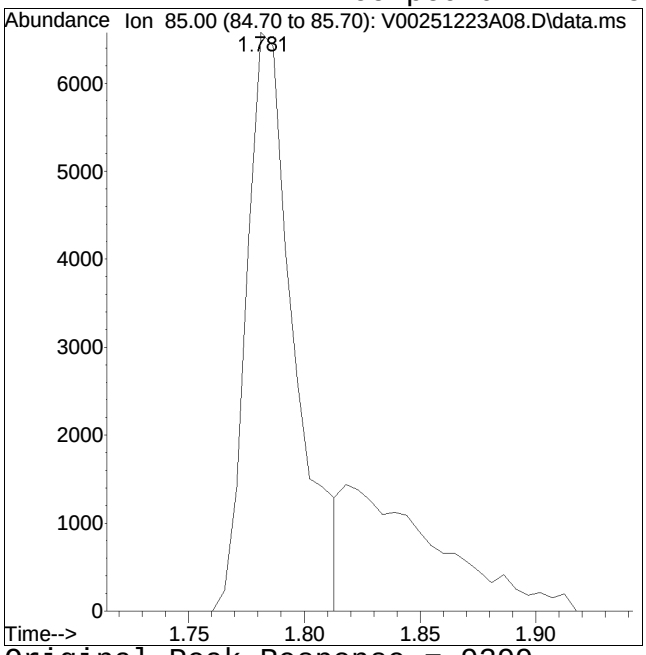
Sub List : 8260-CurveSoil - Megamix plus Diox23A10.D•

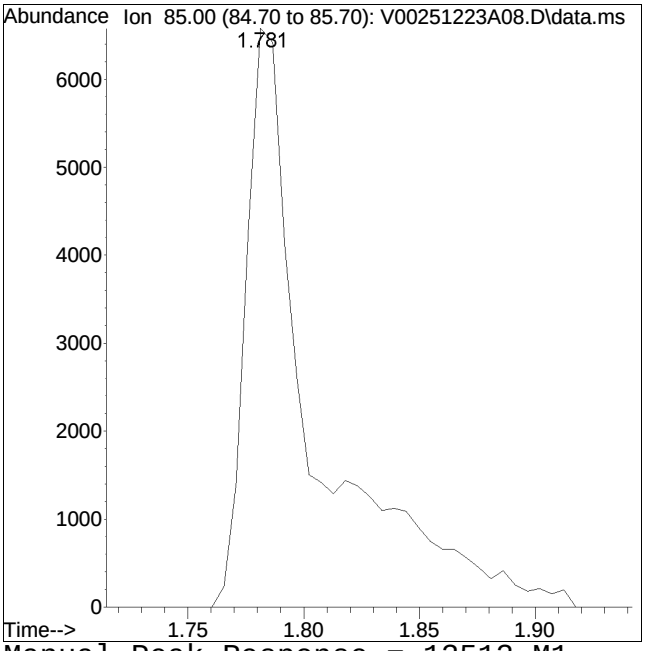


Manual Integration Report

Data Path	: K:\VOA100\2025\251223A\	QMethod	: V100_251223A_8260.m
Data File	: V00251223A08.D	Operator	: VOA100:JIC
Date Inj'd	: 12/23/2025 6:14 pm	Instrument	: VOA100
Sample	: I8260STD4PPB	Quant Date	: 12/24/2025 7:37 am

Compound #2: Dichlorodifluoromethane





Original Peak Response = 9399 Manual Peak Response = 13513 M1

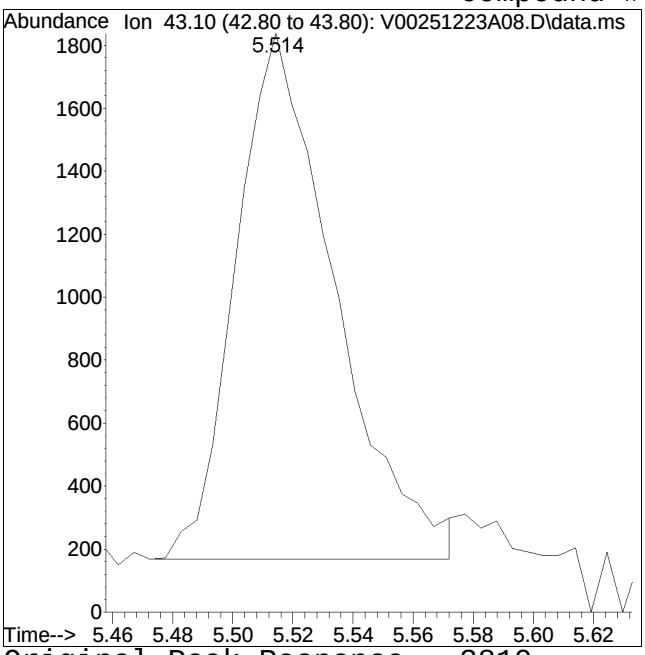
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

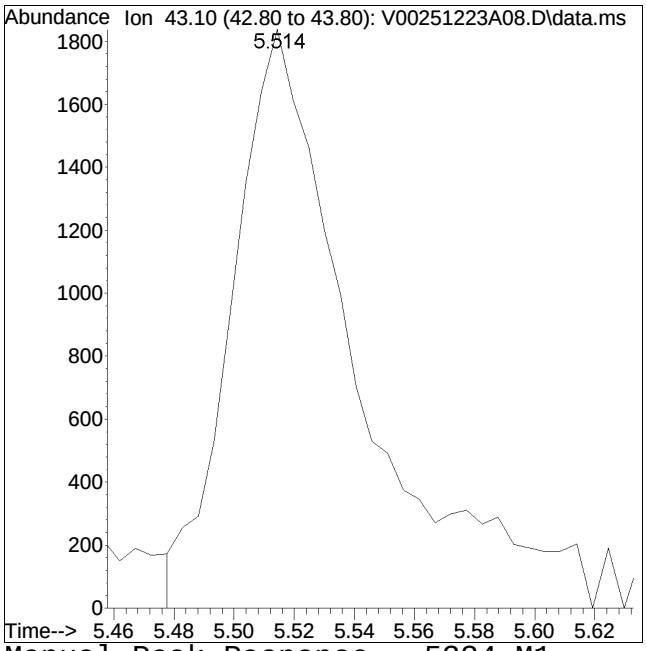
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A08.D
Date Inj'd : 12/23/2025 6:14 pm
Sample : I8260STD4PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:37 am

Compound #40: 2-Butanone



Original Peak Response = 3810



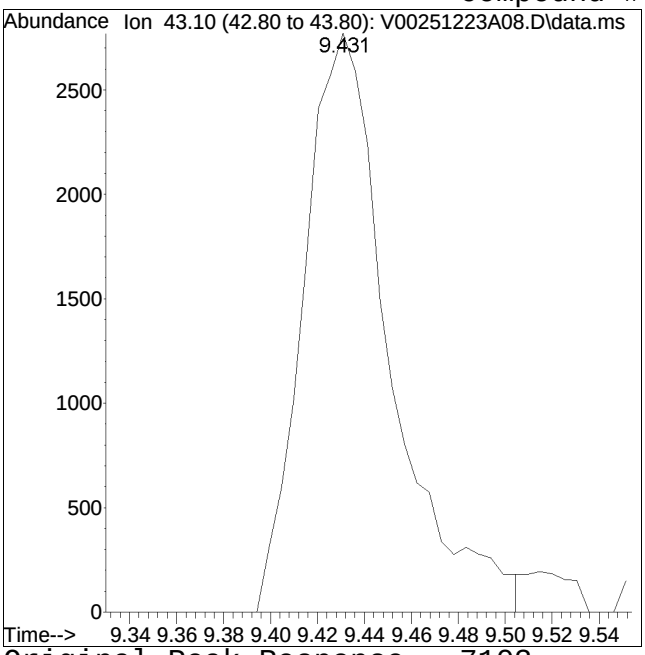
Manual Peak Response = 5334 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

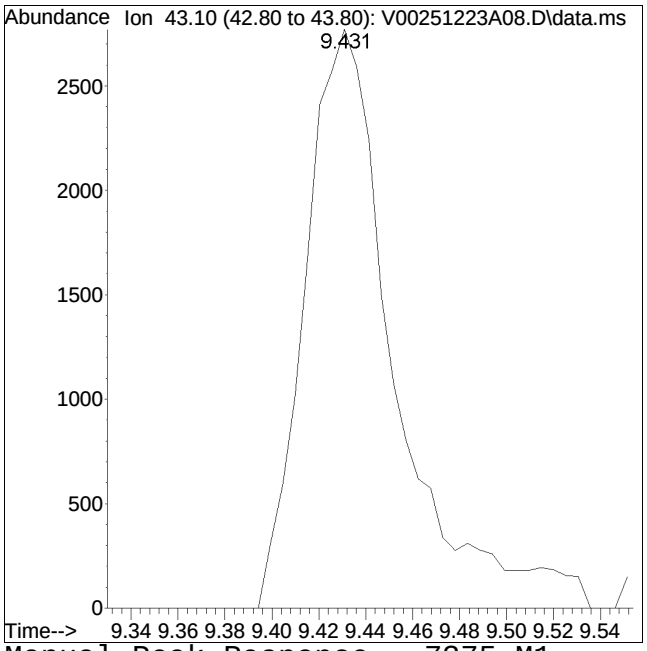
Manual Integration Report

Data Path	: K:\VOA100\2025\251223A\	QMethod	: V100_251223A_8260.m
Data File	: V00251223A08.D	Operator	: VOA100:JIC
Date Inj'd	: 12/23/2025 6:14 pm	Instrument	: VOA100
Sample	: I8260STD4PPB	Quant Date	: 12/24/2025 7:37 am

Compound #73: 2-Hexanone



Original Peak Response = 7103



Manual Peak Response = 7375 M1

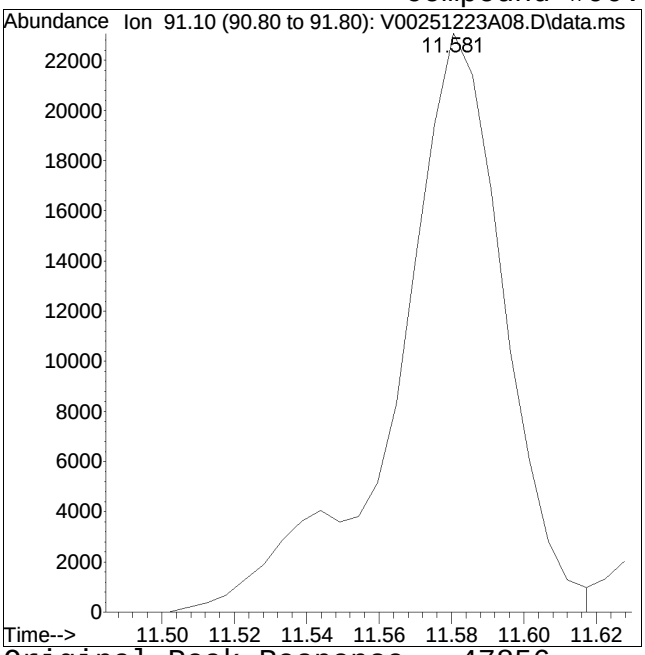
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

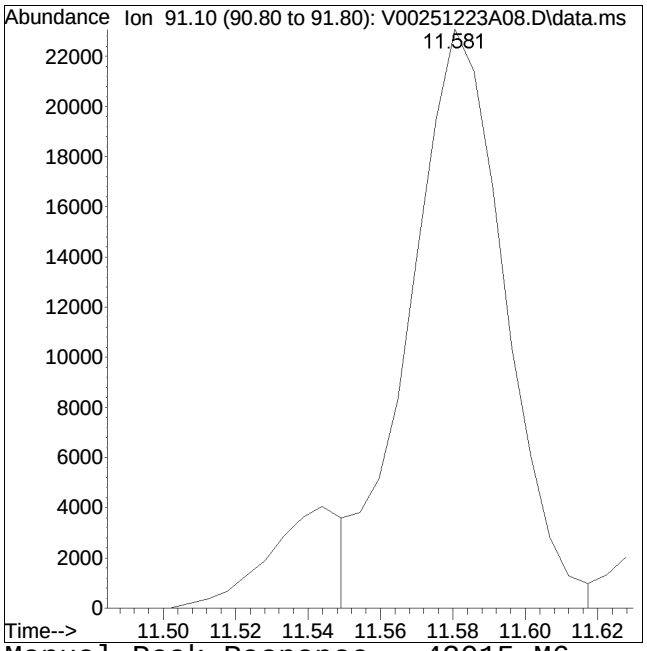
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A08.D
Date Inj'd : 12/23/2025 6:14 pm
Sample : I8260STD4PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:37 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 47856



Manual Peak Response = 42015 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A09.D
Acq On : 23 Dec 2025 06:40 pm
Operator : VOA100:JIC
Sample : I8260STD20PPB
Misc : WG2158227,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 24 07:49:01 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	219176	20.000	ug/L	0.00
Standard Area 1 = 219329			Recovery = 99.93%			
60) Chlorobenzene-d5	9.793	117	172332	20.000	ug/L	0.00
Standard Area 1 = 172328			Recovery = 100.00%			
80) 1,4-Dichlorobenzene-d4	12.456	152	101371	20.000	ug/L	0.00
Standard Area 1 = 102487			Recovery = 98.91%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.410	113	59847	19.830	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.15%			
44) 1,2-Dichloroethane-d4	5.934	65	58797	20.350	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.75%			
61) Toluene-d8	7.937	98	223097	19.965	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.83%			
84) 4-Bromofluorobenzene	11.261	95	80536	20.115	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.57%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.787	85	60579	17.543	ug/L #	84
3) Chloromethane	2.012	50	63561	18.344	ug/L	98
4) Vinyl chloride	2.054	62	65204	18.234	ug/L	87
5) Bromomethane	2.379	94	32764	18.092	ug/L	99
6) Chloroethane	2.500	64	41906	18.512	ug/L	84
7) Trichlorofluoromethane	2.646	101	85250	17.559	ug/L	98
8) Ethyl ether	2.951	74	33586	19.454	ug/L	88
10) 1,1-Dichloroethene	3.150	96	51855	17.590	ug/L	87
11) Carbon disulfide	3.186	76	193868	18.629	ug/L	100
12) Freon-113	3.192	101	50141	17.086	ug/L	86
14) Acrolein	3.454	56	5146	20.175	ug/L	96
15) Methylene chloride	3.700	84	65522	19.600	ug/L	84
17) Acetone	3.732	43	29609	20.373	ug/L	90
18) trans-1,2-Dichloroethene	3.863	96	61426	18.626	ug/L	95
19) Methyl acetate	3.858	43	38676	20.016	ug/L #	82
20) Methyl tert-butyl ether	3.957	73	179034	19.777	ug/L	94
21) tert-Butyl alcohol	4.025	59	36553	108.596	ug/L	94
22) Diisopropyl ether	4.324	45	197879	19.218	ug/L	94
23) 1,1-Dichloroethane	4.445	63	111740	19.070	ug/L	99
24) Halothane	4.487	117	46134	17.979	ug/L	99
25) Acrylonitrile	4.471	53	20234	20.587	ug/L #	90

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A09.D
Acq On : 23 Dec 2025 06:40 pm
Operator : VOA100:JIC
Sample : I8260STD20PPB
Misc : WG2158227,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 24 07:49:01 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	184865	19.230	ug/L	#	76
27) Vinyl acetate	4.670	43	157208	19.687	ug/L	#	93
28) cis-1,2-Dichloroethene	4.969	96	69303	19.117	ug/L		96
29) 2,2-Dichloropropane	5.074	77	91060	18.553	ug/L		88
31) Bromochloromethane	5.163	128	35397	19.931	ug/L		93
32) Cyclohexane	5.189	56	92337	17.228	ug/L		97
33) Chloroform	5.231	83	118275	19.192	ug/L		98
34) Ethyl acetate	5.331	43	60545	20.680	ug/L	#	90
35) Carbon tetrachloride	5.383	117	86634	17.431	ug/L		99
36) Tetrahydrofuran	5.383	42	20041	21.914	ug/L	#	80
38) 1,1,1-Trichloroethane	5.441	97	94572	17.931	ug/L		97
40) 2-Butanone	5.509	43	25328	19.673	ug/L		98
41) 1,1-Dichloropropene	5.567	75	79389	18.236	ug/L		98
42) Benzene	5.813	78	235536	19.033	ug/L		97
43) tert-Amyl methyl ether	5.923	73	172198	19.573	ug/L		95
45) 1,2-Dichloroethane	6.002	62	83849	19.756	ug/L		99
48) Methyl cyclohexane	6.421	83	97073	17.026	ug/L		96
49) Trichloroethene	6.416	95	63593	18.490	ug/L		93
51) Dibromomethane	6.846	93	40904	19.683	ug/L	#	89
52) 1,2-Dichloropropane	6.951	63	62973	19.270	ug/L		98
54) 2-Chloroethyl vinyl ether	7.643	63	35335	19.894	ug/L	#	100
55) Bromodichloromethane	7.024	83	91957	19.431	ug/L		99
58) 1,4-Dioxane	7.224	88	30543	1041.392	ug/L	#	94
59) cis-1,3-Dichloropropene	7.716	75	107066	19.388	ug/L	#	84
62) Toluene	7.994	92	152904	18.875	ug/L		95
63) 4-Methyl-2-pentanone	8.409	58	20601	19.423	ug/L	#	50
64) Tetrachloroethene	8.456	166	71981	17.744	ug/L		93
66) trans-1,3-Dichloropropene	8.466	75	95861	19.364	ug/L		89
68) Ethyl methacrylate	8.660	69	77578	19.622	ug/L		91
69) 1,1,2-Trichloroethane	8.655	83	45627	19.719	ug/L		99
70) Chlorodibromomethane	8.875	129	74146	19.472	ug/L		98
71) 1,3-Dichloropropane	8.975	76	92511	19.751	ug/L		99
72) 1,2-Dibromoethane	9.153	107	57093	19.585	ug/L		98
73) 2-Hexanone	9.420	43	40329	19.812	ug/L	#	81
74) Chlorobenzene	9.808	112	178435	19.208	ug/L		97
75) Ethylbenzene	9.856	91	286299	18.685	ug/L		98
76) 1,1,1,2-Tetrachloroethane	9.898	131	67704	19.044	ug/L		100
77) p/m Xylene	10.039	106	228149	37.364	ug/L		98
78) o Xylene	10.569	106	228711	38.394	ug/L		97
79) Styrene	10.632	104	393105	38.705	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A09.D
Acq On : 23 Dec 2025 06:40 pm
Operator : VOA100:JIC
Sample : I8260STD20PPB
Misc : WG2158227,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 24 07:49:01 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.653	173	51844	19.581	ug/L	97
83) Isopropylbenzene	10.946	105	292354	18.531	ug/L	97
85) Bromobenzene	11.371	156	83672	19.558	ug/L	99
86) n-Propylbenzene	11.418	91	337351	18.651	ug/L	96
87) 1,4-Dichlorobutane	11.418	55	96332	20.166	ug/L	98
88) 1,1,2,2-Tetrachloroethane	11.486	83	73535	20.167	ug/L	98
89) 4-Ethyltoluene	11.544	105	291898	18.919	ug/L	98
90) 2-Chlorotoluene	11.581	91	202699M6	19.393	ug/L	
91) 1,3,5-Trimethylbenzene	11.638	105	253179	19.057	ug/L	97
92) 1,2,3-Trichloropropane	11.623	75	58176	20.197	ug/L	97
93) trans-1,4-Dichloro-2-b...	11.675	53	23144	20.181	ug/L	97
94) 4-Chlorotoluene	11.759	91	212357	19.495	ug/L	96
95) tert-Butylbenzene	11.979	119	214325	18.333	ug/L	96
98) 1,2,4-Trimethylbenzene	12.052	105	252892	19.273	ug/L	98
99) sec-Butylbenzene	12.168	105	321175	18.432	ug/L	99
100) p-Isopropyltoluene	12.320	119	280047	18.567	ug/L	98
101) 1,3-Dichlorobenzene	12.383	146	158472	19.691	ug/L	98
102) 1,4-Dichlorobenzene	12.472	146	161259	20.003	ug/L	98
103) p-Diethylbenzene	12.692	119	169169	18.559	ug/L	98
104) n-Butylbenzene	12.745	91	250449	18.683	ug/L	98
105) 1,2-Dichlorobenzene	12.891	146	150820	19.930	ug/L	98
106) 1,2,4,5-Tetramethylben...	13.479	119	259218	19.095	ug/L	98
107) 1,2-Dibromo-3-chloropr...	13.662	155	15119	20.314	ug/L	88
108) 1,3,5-Trichlorobenzene	13.709	180	128410	19.873	ug/L	96
109) Hexachlorobutadiene	14.286	225	62892	18.394	ug/L	98
110) 1,2,4-Trichlorobenzene	14.302	180	113247	19.941	ug/L	97
111) Naphthalene	14.595	128	229827	20.062	ug/L	100
112) 1,2,3-Trichlorobenzene	14.763	180	104697	19.826	ug/L	98

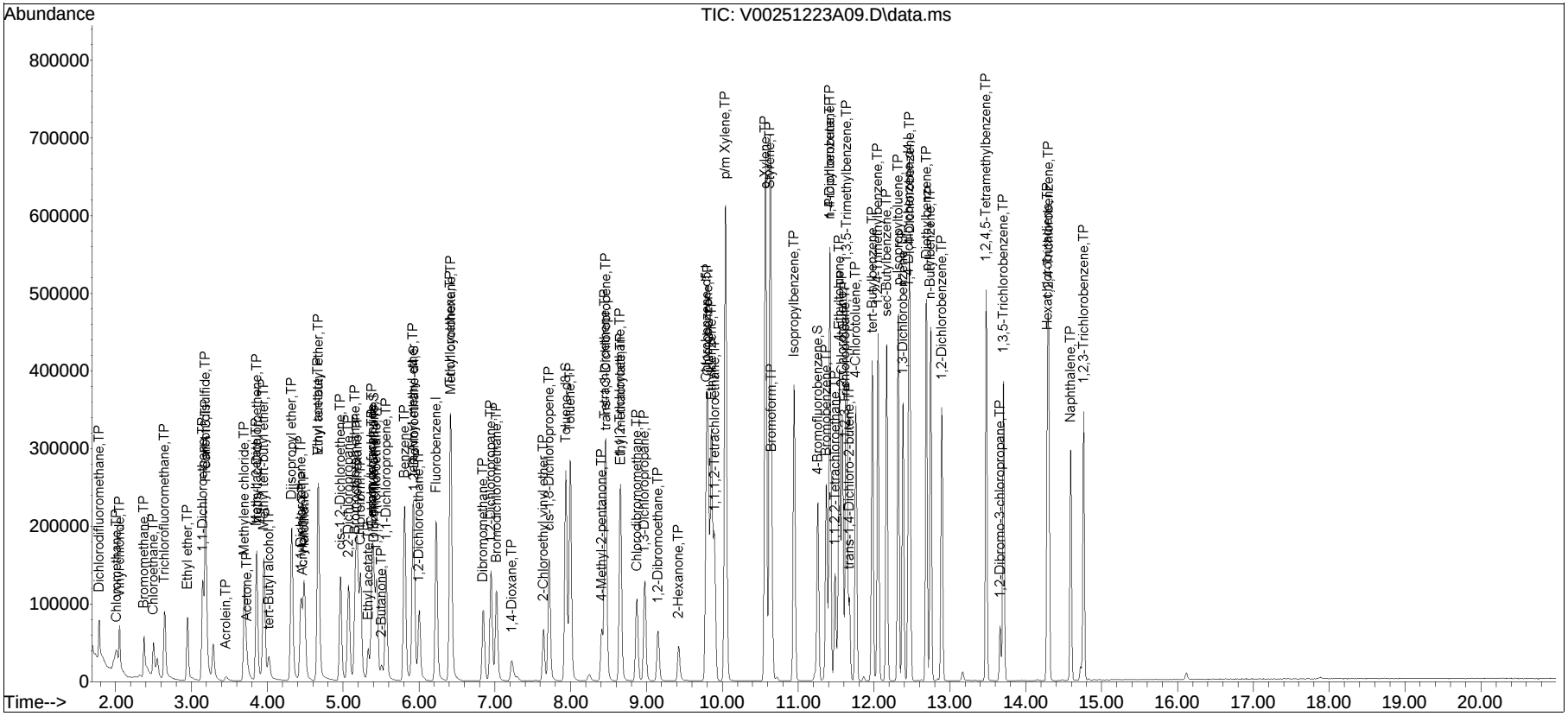
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A09.D
Acq On : 23 Dec 2025 06:40 pm
Operator : VOA100:JIC
Sample : I8260STD20PPB
Misc : WG2158227,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 24 07:49:01 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

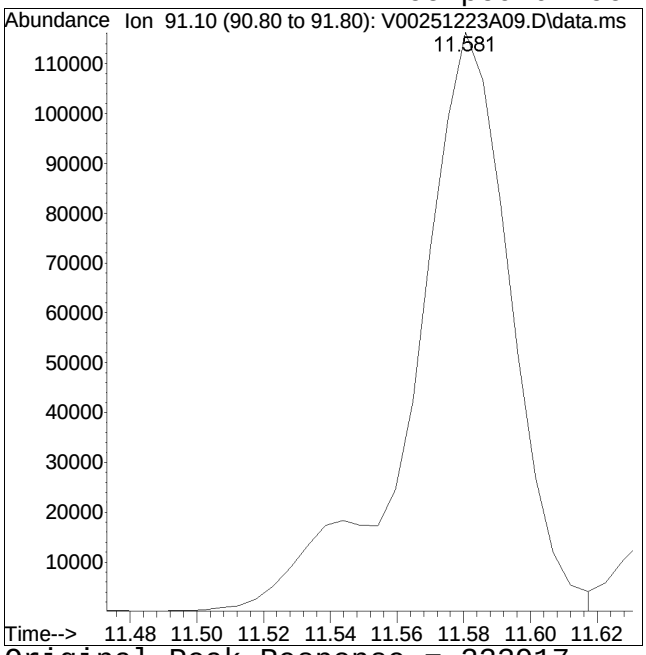
Sub List : 8260-CurveSoil - Megamix plus Diox23A10.D•



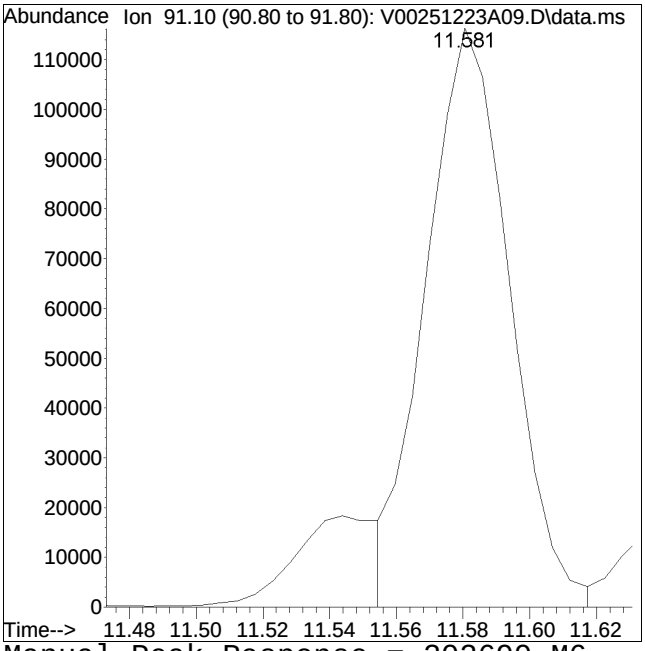
Manual Integration Report

Data Path	: K:\VOA100\2025\251223A\	QMethod	: V100_251223A_8260.m
Data File	: V00251223A09.D	Operator	: VOA100:JIC
Date Inj'd	: 12/23/2025 6:40 pm	Instrument	: VOA100
Sample	: I8260STD20PPB	Quant Date	: 12/24/2025 7:37 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 233917



Manual Peak Response = 202699 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A10.D
Acq On : 23 Dec 2025 07:06 pm
Operator : VOA100:JIC
Sample : I8260STD40PPB
Misc : WG2158227,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 24 07:36:00 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	219329	20.000	ug/L	0.00
Standard Area 1 = 219329			Recovery = 100.00%			
60) Chlorobenzene-d5	9.793	117	172328	20.000	ug/L	0.00
Standard Area 1 = 172328			Recovery = 100.00%			
80) 1,4-Dichlorobenzene-d4	12.456	152	102487	20.000	ug/L	0.00
Standard Area 1 = 102487			Recovery = 100.00%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	60402	18.115	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 90.57%			
44) 1,2-Dichloroethane-d4	5.934	65	57827	19.181	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.91%			
61) Toluene-d8	7.936	98	223486	21.458	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.29%			
84) 4-Bromofluorobenzene	11.255	95	80956	20.445	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.23%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.781	85	138227	41.897	ug/L #	80
3) Chloromethane	2.012	50	138697	37.929	ug/L	96
4) Vinyl chloride	2.054	62	143140	28.315	ug/L	85
5) Bromomethane	2.379	94	72490	13.970	ug/L	100
6) Chloroethane	2.499	64	90614	22.418	ug/L	87
7) Trichlorofluoromethane	2.646	101	194337	34.815	ug/L	98
8) Ethyl ether	2.950	74	69105	36.147	ug/L	88
10) 1,1-Dichloroethene	3.150	96	118001	39.727	ug/L	85
11) Carbon disulfide	3.186	76	416566	39.570	ug/L	100
12) Freon-113	3.192	101	117468	41.780	ug/L	87
14) Acrolein	3.454	56	10210	24.193	ug/L	97
15) Methylene chloride	3.700	84	133810	37.223	ug/L	85
17) Acetone	3.726	43	58175	35.304	ug/L	91
18) trans-1,2-Dichloroethene	3.863	96	132006	37.694	ug/L	95
19) Methyl acetate	3.852	43	77346	40.285	ug/L #	83
20) Methyl tert-butyl ether	3.957	73	362361	38.466	ug/L	95
21) tert-Butyl alcohol	4.020	59	67366	190.715	ug/L	88
22) Diisopropyl ether	4.324	45	412153	43.212	ug/L	94
23) 1,1-Dichloroethane	4.445	63	234540	38.730	ug/L	98
24) Halothane	4.487	117	102714	40.556	ug/L	99
25) Acrylonitrile	4.466	53	39342	42.809	ug/L	94

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A10.D
Acq On : 23 Dec 2025 07:06 pm
Operator : VOA100:JIC
Sample : I8260STD40PPB
Misc : WG2158227,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 24 07:36:00 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.670	59	384813	43.486	ug/L	#	77
27) Vinyl acetate	4.670	43	319645	45.784	ug/L	#	93
28) cis-1,2-Dichloroethene	4.964	96	145113	37.826	ug/L		95
29) 2,2-Dichloropropane	5.074	77	196458	39.378	ug/L		87
31) Bromochloromethane	5.163	128	71088	37.278	ug/L		94
32) Cyclohexane	5.189	56	214537	47.975	ug/L		97
33) Chloroform	5.231	83	246677	37.800	ug/L		98
34) Ethyl acetate	5.331	43	117192	41.715	ug/L	#	90
35) Carbon tetrachloride	5.388	117	198942	42.184	ug/L		99
36) Tetrahydrofuran	5.383	42	36607	37.005	ug/L	#	85
38) 1,1,1-Trichloroethane	5.441	97	211121	42.756	ug/L		97
40) 2-Butanone	5.509	43	51533	41.986	ug/L		96
41) 1,1-Dichloropropene	5.567	75	174262	43.973	ug/L		97
42) Benzene	5.813	78	495351	38.613	ug/L		97
43) tert-Amyl methyl ether	5.923	73	352146	38.813	ug/L		96
45) 1,2-Dichloroethane	6.007	62	169886	41.188	ug/L		100
48) Methyl cyclohexane	6.421	83	228217	41.390	ug/L		96
49) Trichloroethene	6.416	95	137667	38.679	ug/L		93
51) Dibromomethane	6.846	93	83182	37.336	ug/L	#	88
52) 1,2-Dichloropropane	6.951	63	130809	39.389	ug/L		99
54) 2-Chloroethyl vinyl ether	7.643	63	71096	39.024	ug/L	#	100
55) Bromodichloromethane	7.024	83	189436	38.419	ug/L		100
58) 1,4-Dioxane	7.223	88	58699	2106.390	ug/L	#	94
59) cis-1,3-Dichloropropene	7.716	75	221041	40.543	ug/L	#	85
62) Toluene	7.999	92	324019	46.782	ug/L		95
63) 4-Methyl-2-pentanone	8.408	58	42425	50.846	ug/L	#	56
64) Tetrachloroethene	8.456	166	162259	54.660	ug/L		92
66) trans-1,3-Dichloropropene	8.466	75	198018	47.711	ug/L		89
68) Ethyl methacrylate	8.660	69	158143	48.989	ug/L		91
69) 1,1,2-Trichloroethane	8.655	83	92554	44.186	ug/L		100
70) Chlorodibromomethane	8.870	129	152307	47.405	ug/L		98
71) 1,3-Dichloropropane	8.975	76	187353	46.594	ug/L		100
72) 1,2-Dibromoethane	9.153	107	116605	47.034	ug/L		99
73) 2-Hexanone	9.420	43	81422	50.955	ug/L	#	82
74) Chlorobenzene	9.813	112	371568	44.668	ug/L		98
75) Ethylbenzene	9.855	91	612885	44.994	ug/L		98
76) 1,1,1,2-Tetrachloroethane	9.897	131	142199	48.102	ug/L		99
77) p/m Xylene	10.044	106	488475	89.411	ug/L		97
78) o Xylene	10.568	106	476544	87.885	ug/L		97
79) Styrene	10.631	104	812496	87.180	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A10.D
Acq On : 23 Dec 2025 07:06 pm
Operator : VOA100:JIC
Sample : I8260STD40PPB
Misc : WG2158227,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 24 07:36:00 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.652	173	107072	44.240	ug/L	100
83) Isopropylbenzene	10.946	105	638010	44.871	ug/L	97
85) Bromobenzene	11.371	156	173011	47.387	ug/L	99
86) n-Propylbenzene	11.418	91	731460	42.637	ug/L	95
87) 1,4-Dichlorobutane	11.418	55	193185	47.662	ug/L	100
88) 1,1,2,2-Tetrachloroethane	11.486	83	147460	42.066	ug/L	97
89) 4-Ethyltoluene	11.544	105	623936	44.576	ug/L	97
90) 2-Chlorotoluene	11.580	91	422696M6	43.362	ug/L	
91) 1,3,5-Trimethylbenzene	11.638	105	537272	44.517	ug/L	97
92) 1,2,3-Trichloropropane	11.628	75	116486	42.182	ug/L	98
93) trans-1,4-Dichloro-2-b...	11.675	53	46378	50.612	ug/L	98
94) 4-Chlorotoluene	11.764	91	440510	43.721	ug/L	96
95) tert-Butylbenzene	11.979	119	472775	44.298	ug/L	96
98) 1,2,4-Trimethylbenzene	12.052	105	530639	44.696	ug/L	98
99) sec-Butylbenzene	12.168	105	704659	44.837	ug/L	99
100) p-Isopropyltoluene	12.320	119	609950	43.895	ug/L	98
101) 1,3-Dichlorobenzene	12.383	146	325461	44.803	ug/L	98
102) 1,4-Dichlorobenzene	12.472	146	326018	44.388	ug/L	97
103) p-Diethylbenzene	12.692	119	368621	44.194	ug/L	97
104) n-Butylbenzene	12.750	91	542100	44.530	ug/L	97
105) 1,2-Dichlorobenzene	12.891	146	306025	45.214	ug/L	97
106) 1,2,4,5-Tetramethylben...	13.478	119	548998	43.811	ug/L	98
107) 1,2-Dibromo-3-chloropr...	13.667	155	30098	47.859	ug/L	92
108) 1,3,5-Trichlorobenzene	13.709	180	261303	51.360	ug/L	97
109) Hexachlorobutadiene	14.286	225	138270	62.987	ug/L	98
110) 1,2,4-Trichlorobenzene	14.302	180	229662	50.524	ug/L	98
111) Naphthalene	14.595	128	463275	43.412	ug/L	100
112) 1,2,3-Trichlorobenzene	14.763	180	213553	52.135	ug/L	98

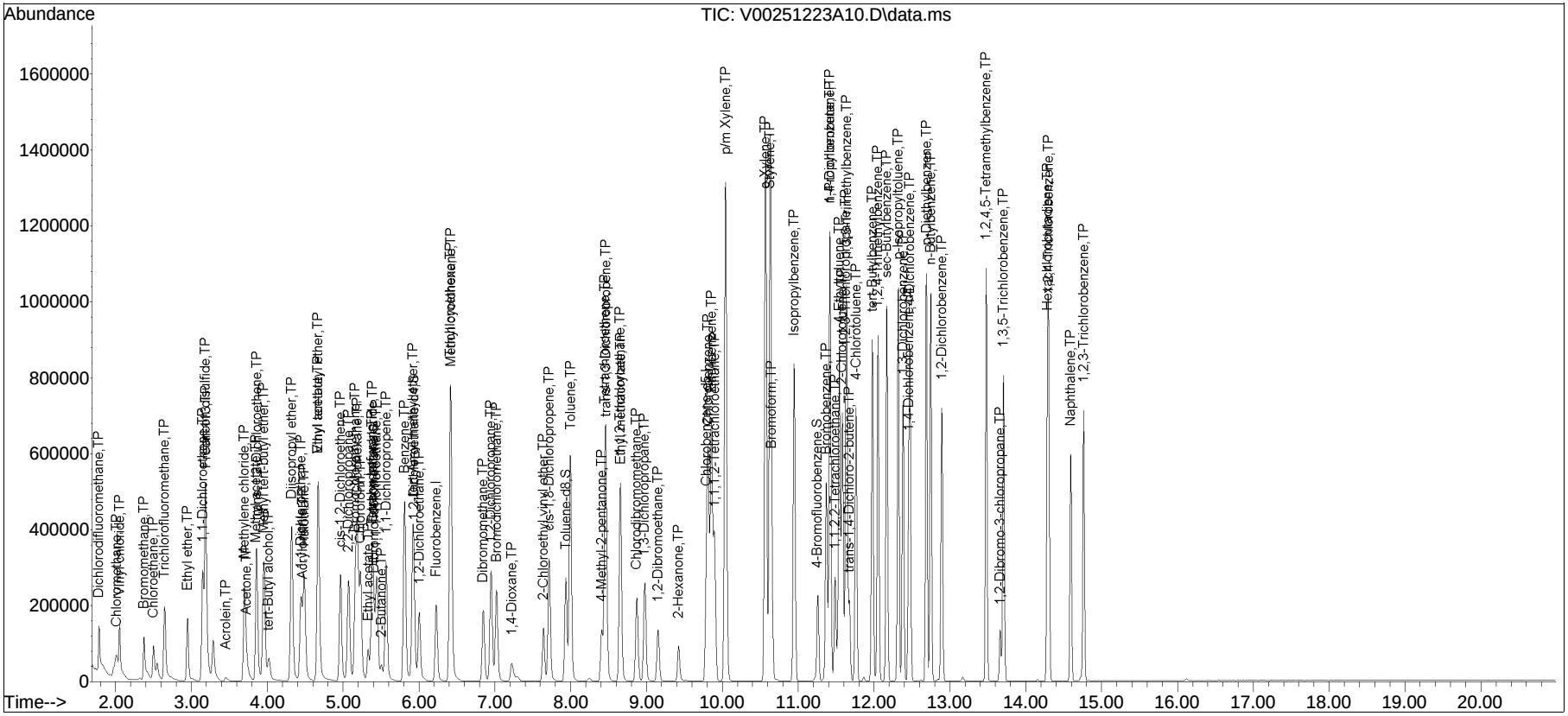
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A10.D
Acq On : 23 Dec 2025 07:06 pm
Operator : VOA100:JIC
Sample : I8260STD40PPB
Misc : WG2158227,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 24 07:36:00 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

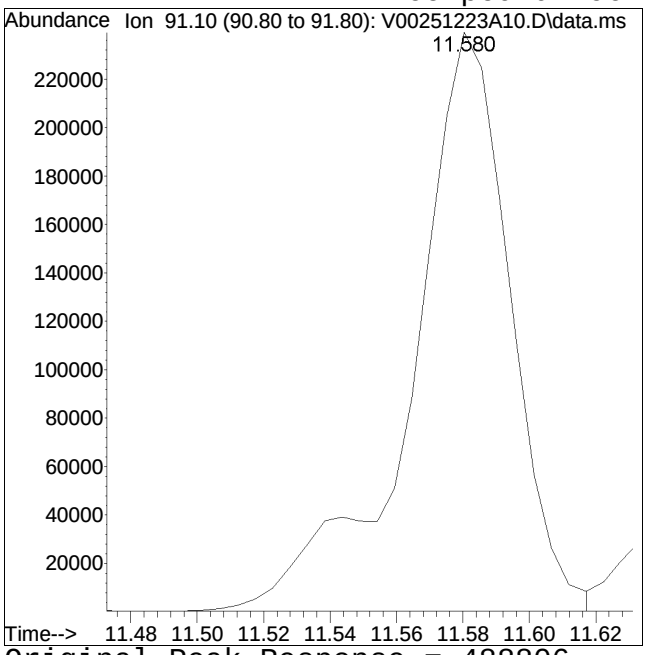
Sub List : 8260-CurveSoil - Megamix plus Diox23A10.D•



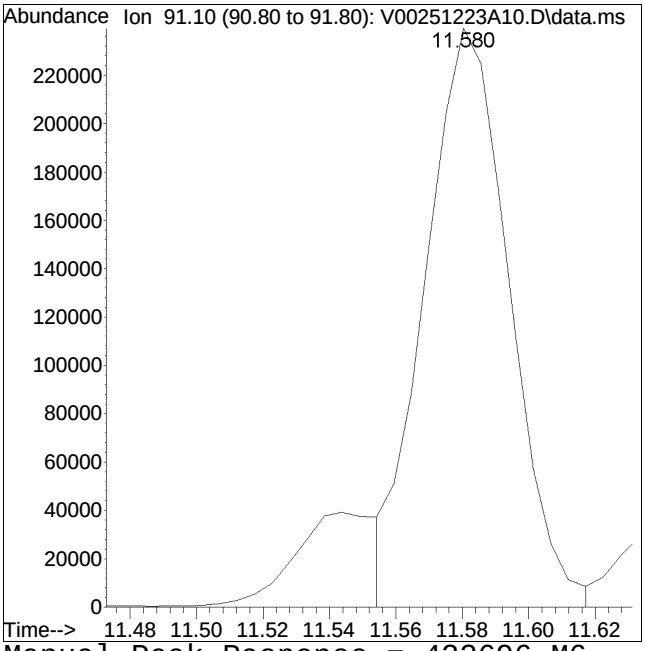
Manual Integration Report

Data Path	: K:\VOA100\2025\251223A\	QMethod	: V100_251223A_8260.m
Data File	: V00251223A10.D	Operator	: VOA100:JIC
Date Inj'd	: 12/23/2025 7:06 pm	Instrument	: VOA100
Sample	: I8260STD40PPB	Quant Date	: 12/24/2025 7:34 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 488806



Manual Peak Response = 422696 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A11.D
Acq On : 23 Dec 2025 07:32 pm
Operator : VOA100:JIC
Sample : I8260STD100PPB
Misc : WG2158227,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 24 07:55:09 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	215905	20.000	ug/L	0.00
Standard Area 1 = 219329			Recovery = 98.44%			
60) Chlorobenzene-d5	9.793	117	172894	20.000	ug/L	0.00
Standard Area 1 = 172328			Recovery = 100.33%			
80) 1,4-Dichlorobenzene-d4	12.461	152	99429	20.000	ug/L	0.00
Standard Area 1 = 102487			Recovery = 97.02%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.404	113	58450	19.661	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.31%			
44) 1,2-Dichloroethane-d4	5.934	65	57607	20.240	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.20%			
61) Toluene-d8	7.937	98	221656	19.771	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.86%			
84) 4-Bromofluorobenzene	11.261	95	79574	20.263	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.781	85	322593	94.832	ug/L #	82
3) Chloromethane	2.012	50	327728	96.015	ug/L	97
4) Vinyl chloride	2.054	62	333066	94.550	ug/L	85
5) Bromomethane	2.374	94	182537	102.321	ug/L	100
6) Chloroethane	2.494	64	213216	95.613	ug/L	88
7) Trichlorofluoromethane	2.646	101	456538M1	95.459	ug/L	
8) Ethyl ether	2.950	74	169687	99.777	ug/L	88
10) 1,1-Dichloroethene	3.150	96	277254	95.474	ug/L	86
11) Carbon disulfide	3.186	76	965629	94.193	ug/L	100
12) Freon-113	3.186	101	273178	94.497	ug/L	86
14) Acrolein	3.454	56	25126	99.998	ug/L	94
15) Methylene chloride	3.700	84	320536	97.338	ug/L	86
17) Acetone	3.726	43	135760	94.826	ug/L	91
18) trans-1,2-Dichloroethene	3.863	96	314775	96.895	ug/L	95
19) Methyl acetate	3.852	43	190331	99.992	ug/L #	83
20) Methyl tert-butyl ether	3.957	73	887629	99.537	ug/L	95
21) tert-Butyl alcohol	4.020	59	168753	508.949	ug/L	89
22) Diisopropyl ether	4.324	45	1001690	98.757	ug/L	94
23) 1,1-Dichloroethane	4.445	63	555406	96.225	ug/L	98
24) Halothane	4.487	117	243102	96.173	ug/L	99
25) Acrylonitrile	4.471	53	95516	98.654	ug/L	92

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A11.D
Acq On : 23 Dec 2025 07:32 pm
Operator : VOA100:JIC
Sample : I8260STD100PPB
Misc : WG2158227,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 24 07:55:09 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.670	59	934090	98.635	ug/L	#	77
27) Vinyl acetate	4.670	43	788891	100.286	ug/L	#	93
28) cis-1,2-Dichloroethene	4.964	96	346953	97.153	ug/L		95
29) 2,2-Dichloropropane	5.074	77	466489	96.486	ug/L		88
31) Bromochloromethane	5.158	128	169361	96.808	ug/L		96
32) Cyclohexane	5.184	56	501194	94.929	ug/L		97
33) Chloroform	5.231	83	581351	95.764	ug/L		98
34) Ethyl acetate	5.331	43	289657	100.434	ug/L	#	90
35) Carbon tetrachloride	5.383	117	461451	94.252	ug/L		98
36) Tetrahydrofuran	5.378	42	90083	99.994	ug/L	#	84
38) 1,1,1-Trichloroethane	5.446	97	491316	94.563	ug/L		97
40) 2-Butanone	5.509	43	125348M4	98.838	ug/L		
41) 1,1-Dichloropropene	5.567	75	410894	95.812	ug/L		98
42) Benzene	5.813	78	1178770	96.696	ug/L		97
43) tert-Amyl methyl ether	5.923	73	856646	98.849	ug/L		96
45) 1,2-Dichloroethane	6.002	62	406999	97.348	ug/L		99
48) Methyl cyclohexane	6.421	83	542420	96.579	ug/L		96
49) Trichloroethene	6.411	95	329482	97.251	ug/L		93
51) Dibromomethane	6.846	93	200761	98.072	ug/L	#	88
52) 1,2-Dichloropropane	6.951	63	312670	97.127	ug/L		98
54) 2-Chloroethyl vinyl ether	7.643	63	180979	103.437	ug/L	#	100
55) Bromodichloromethane	7.024	83	458089	98.261	ug/L		99
58) 1,4-Dioxane	7.224	88	141340	4892.127	ug/L	#	95
59) cis-1,3-Dichloropropene	7.716	75	536229	98.576	ug/L	#	84
62) Toluene	7.994	92	777035	95.611	ug/L		95
63) 4-Methyl-2-pentanone	8.408	58	105433	99.081	ug/L	#	57
64) Tetrachloroethene	8.456	166	388792	95.531	ug/L		92
66) trans-1,3-Dichloropropene	8.466	75	484358	97.521	ug/L		90
68) Ethyl methacrylate	8.660	69	380959	96.043	ug/L		91
69) 1,1,2-Trichloroethane	8.655	83	224059	96.517	ug/L		100
70) Chlorodibromomethane	8.875	129	372278	97.450	ug/L		98
71) 1,3-Dichloropropane	8.980	76	452752	96.346	ug/L		99
72) 1,2-Dibromoethane	9.153	107	284145	97.154	ug/L		98
73) 2-Hexanone	9.420	43	199143	97.512	ug/L	#	82
74) Chlorobenzene	9.814	112	897131	96.262	ug/L		97
75) Ethylbenzene	9.856	91	1467573	95.468	ug/L		98
76) 1,1,1,2-Tetrachloroethane	9.892	131	346878	97.256	ug/L		99
77) p/m Xylene	10.044	106	1159126	189.214	ug/L		97
78) o Xylene	10.574	106	1143181	191.284	ug/L		97
79) Styrene	10.632	104	1940949	190.484	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A11.D
Acq On : 23 Dec 2025 07:32 pm
Operator : VOA100:JIC
Sample : I8260STD100PPB
Misc : WG2158227,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 24 07:55:09 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.652	173	263750	101.562	ug/L	99
83) Isopropylbenzene	10.946	105	1524380	98.510	ug/L	97
85) Bromobenzene	11.371	156	421263	100.391	ug/L	99
86) n-Propylbenzene	11.418	91	1725966	97.288	ug/L	95
87) 1,4-Dichlorobutane	11.418	55	467943	99.870	ug/L	100
88) 1,1,2,2-Tetrachloroethane	11.486	83	355963	99.528	ug/L	97
89) 4-Ethyltoluene	11.544	105	1482848	97.988	ug/L	97
90) 2-Chlorotoluene	11.580	91	1008786M6	98.398	ug/L	
91) 1,3,5-Trimethylbenzene	11.638	105	1274112	97.775	ug/L	97
92) 1,2,3-Trichloropropane	11.628	75	282632	100.038	ug/L	97
93) trans-1,4-Dichloro-2-b...	11.675	53	113291	100.716	ug/L	98
94) 4-Chlorotoluene	11.764	91	1050141	98.290	ug/L	96
95) tert-Butylbenzene	11.979	119	1122171	97.863	ug/L	96
98) 1,2,4-Trimethylbenzene	12.052	105	1263169	98.147	ug/L	98
99) sec-Butylbenzene	12.168	105	1666136	97.487	ug/L	98
100) p-Isopropyltoluene	12.320	119	1443213	97.556	ug/L	98
101) 1,3-Dichlorobenzene	12.383	146	782884	99.178	ug/L	98
102) 1,4-Dichlorobenzene	12.472	146	786453	99.460	ug/L	97
103) p-Diethylbenzene	12.692	119	874329	97.794	ug/L	98
104) n-Butylbenzene	12.750	91	1271305	96.691	ug/L	97
105) 1,2-Dichlorobenzene	12.891	146	740989	99.832	ug/L	97
106) 1,2,4,5-Tetramethylben...	13.478	119	1329649	99.858	ug/L	98
107) 1,2-Dibromo-3-chloropr...	13.667	155	73975	101.336	ug/L	93
108) 1,3,5-Trichlorobenzene	13.709	180	626191	98.805	ug/L	97
109) Hexachlorobutadiene	14.286	225	329849	98.356	ug/L	98
110) 1,2,4-Trichlorobenzene	14.302	180	556275	99.866	ug/L	98
111) Naphthalene	14.595	128	1135783	101.082	ug/L	100
112) 1,2,3-Trichlorobenzene	14.763	180	516789	99.775	ug/L	99

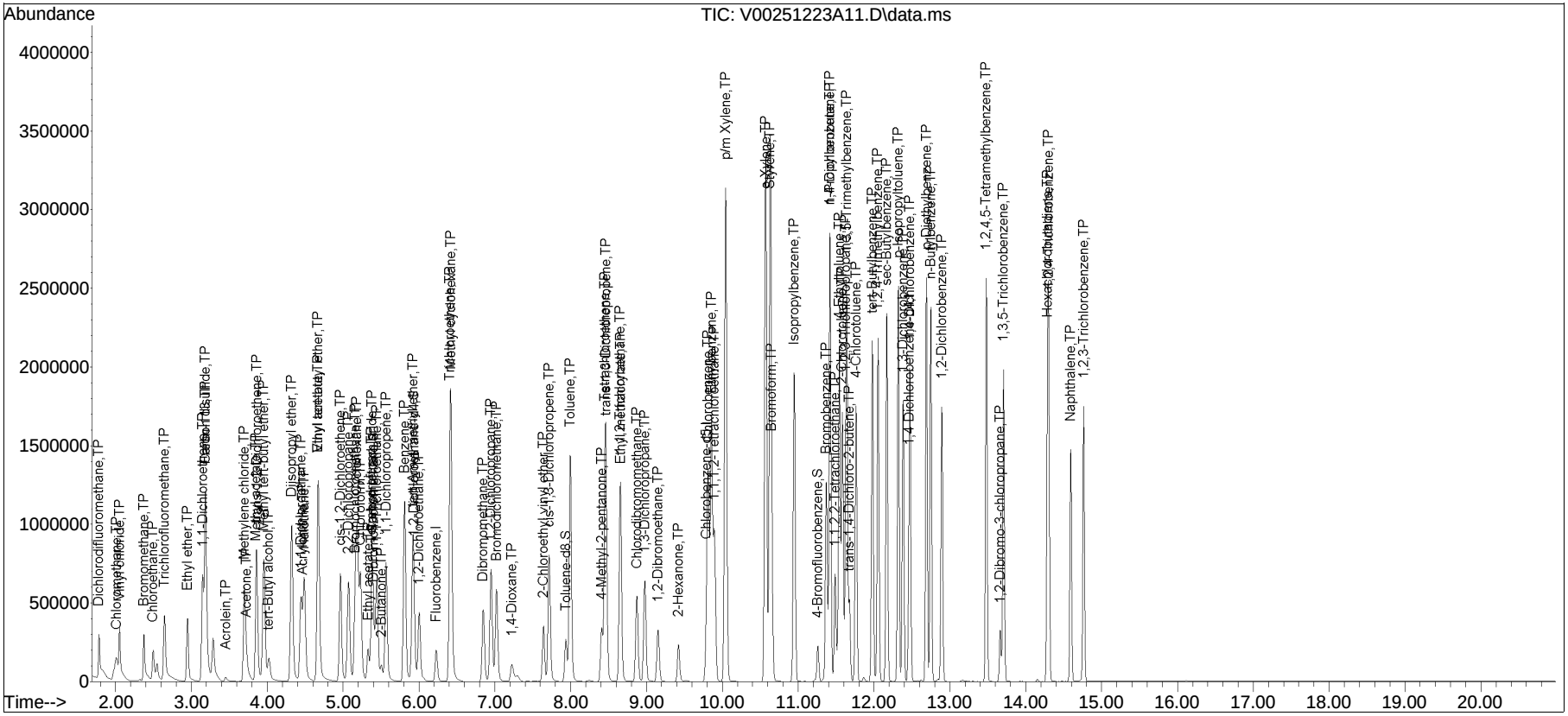
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A11.D
Acq On : 23 Dec 2025 07:32 pm
Operator : VOA100:JIC
Sample : I8260STD100PPB
Misc : WG2158227,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 24 07:55:09 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox23A10.D•

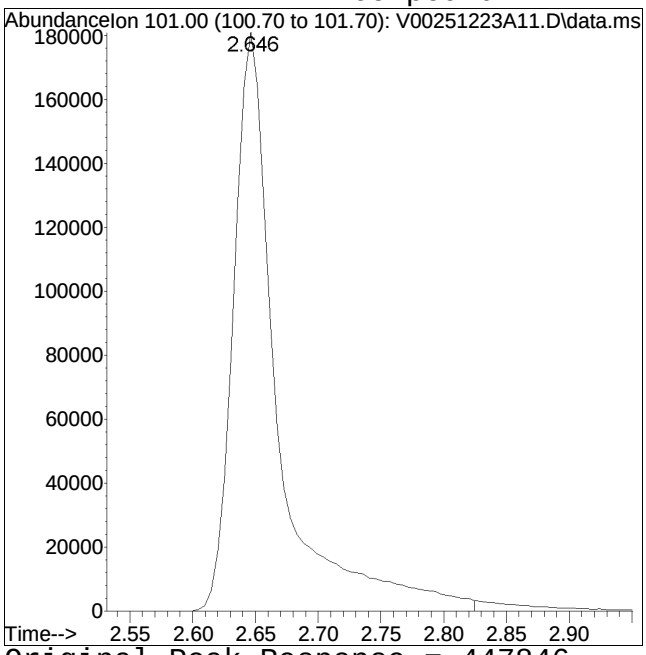


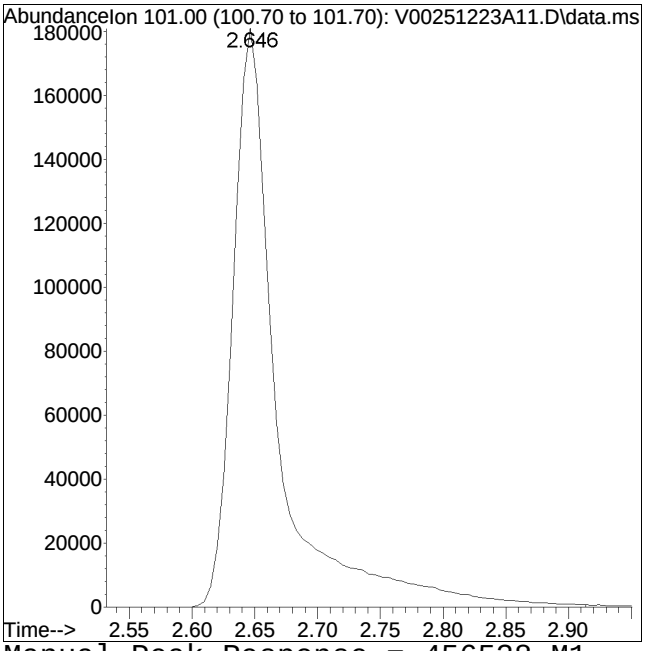
Manual Integration Report

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A11.D
Date Inj'd : 12/23/2025 7:32 pm
Sample : I8260STD100PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:52 am

Compound #7: Trichlorofluoromethane





Original Peak Response = 447846 Manual Peak Response = 456538 M1

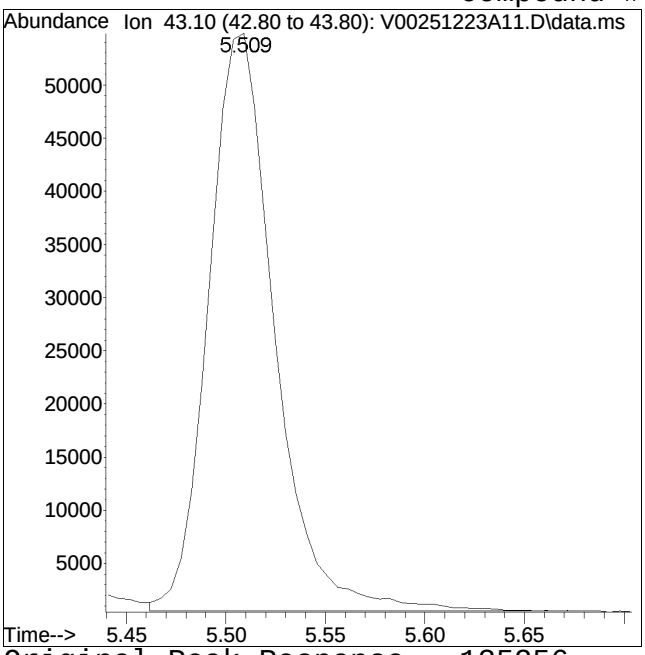
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

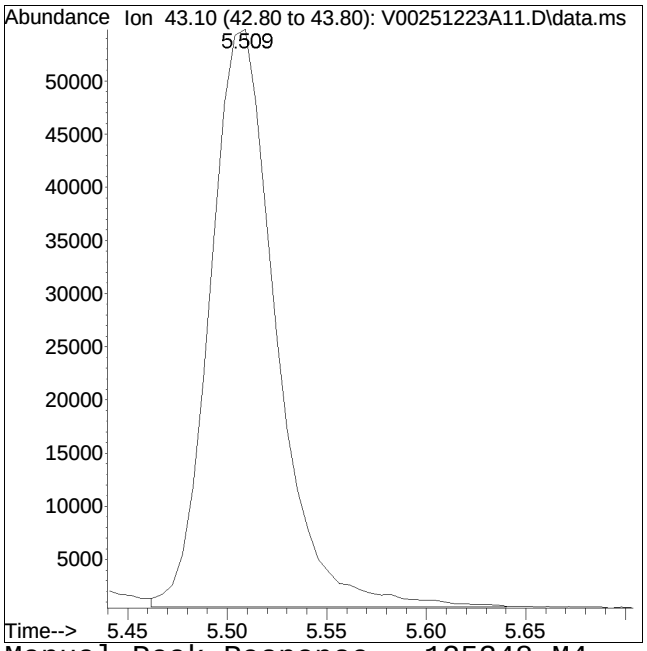
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A11.D
Date Inj'd : 12/23/2025 7:32 pm
Sample : I8260STD100PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:52 am

Compound #40: 2-Butanone



Original Peak Response = 125256



Manual Peak Response = 125348 M4

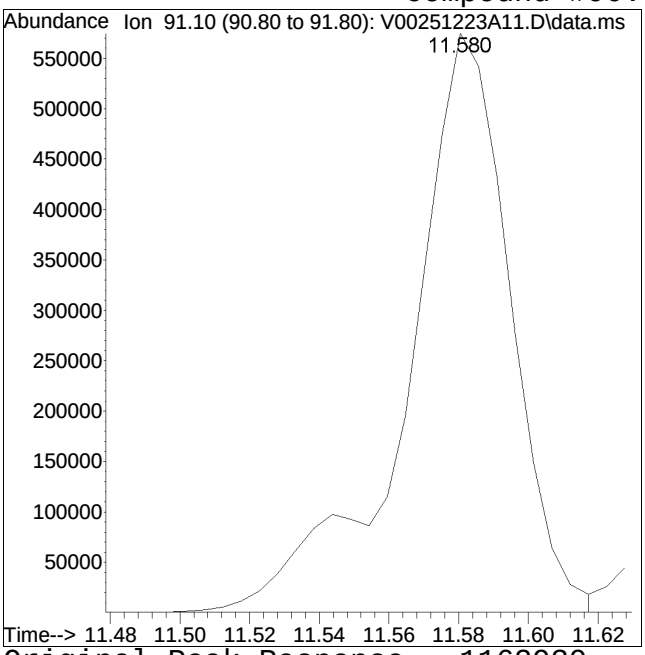
M4 = Poor automated baseline construction.

Manual Integration Report

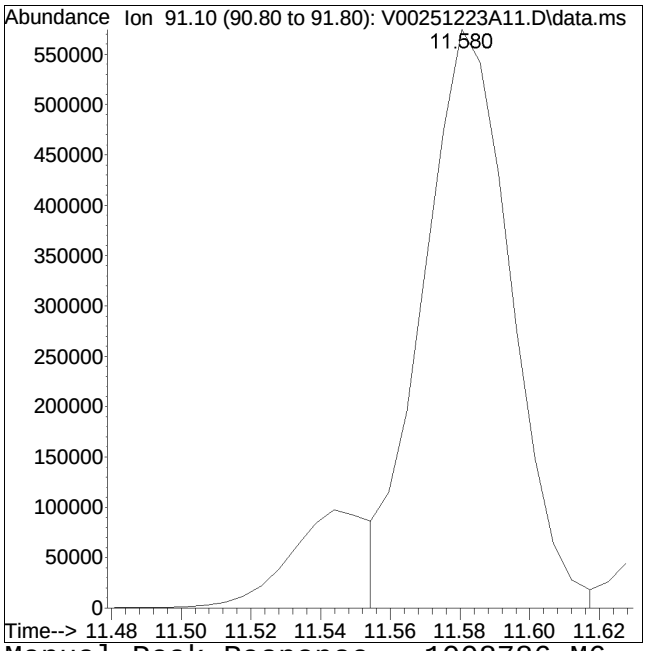
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A11.D
Date Inj'd : 12/23/2025 7:32 pm
Sample : I8260STD100PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:52 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 1162939



Manual Peak Response = 1008786 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A12.D
Acq On : 23 Dec 2025 07:58 pm
Operator : VOA100:JIC
Sample : I8260STD200PPB
Misc : WG2158227,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 24 07:51:59 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.233	96	223476	20.000	ug/L	0.00
Standard Area 1 = 219329			Recovery = 101.89%			
60) Chlorobenzene-d5	9.793	117	182647	20.000	ug/L	0.00
Standard Area 1 = 172328			Recovery = 105.99%			
80) 1,4-Dichlorobenzene-d4	12.461	152	104211	20.000	ug/L	0.00
Standard Area 1 = 102487			Recovery = 101.68%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	61916	20.121	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.60%			
44) 1,2-Dichloroethane-d4	5.934	65	63194	21.451	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.26%			
61) Toluene-d8	7.937	98	231228	19.524	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.62%			
84) 4-Bromofluorobenzene	11.261	95	85019	20.656	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.781	85	677807	192.503	ug/L #	84
3) Chloromethane	2.012	50	660454	186.939	ug/L	97
4) Vinyl chloride	2.054	62	692018	189.794	ug/L	85
5) Bromomethane	2.374	94	380829	206.242	ug/L	100
6) Chloroethane	2.484	64	407413	176.508	ug/L	89
7) Trichlorofluoromethane	2.641	101	968555M1	195.656	ug/L	
8) Ethyl ether	2.950	74	365591	207.688	ug/L	88
10) 1,1-Dichloroethene	3.150	96	579881	192.920	ug/L	86
11) Carbon disulfide	3.181	76	2002333	188.702	ug/L	100
12) Freon-113	3.186	101	582440	194.651	ug/L	86
14) Acrolein	3.454	56	54526	209.654	ug/L	94
15) Methylene chloride	3.700	84	661081	193.951	ug/L	86
17) Acetone	3.726	43	290557	196.074	ug/L	93
18) trans-1,2-Dichloroethene	3.863	96	650273	193.387	ug/L	95
19) Methyl acetate	3.852	43	415422	210.852	ug/L #	82
20) Methyl tert-butyl ether	3.957	73	1897799	205.605	ug/L	94
21) tert-Butyl alcohol	4.025	59	391463	1140.631	ug/L	90
22) Diisopropyl ether	4.324	45	2097437	199.782	ug/L	94
23) 1,1-Dichloroethane	4.445	63	1139361	190.708	ug/L	98
24) Halothane	4.487	117	508492	194.348	ug/L	100
25) Acrylonitrile	4.471	53	209767	209.318	ug/L #	91

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A12.D
Acq On : 23 Dec 2025 07:58 pm
Operator : VOA100:JIC
Sample : I8260STD200PPB
Misc : WG2158227,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 24 07:51:59 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	1972524	201.232	ug/L	#	76
27) Vinyl acetate	4.670	43	1693510	207.991	ug/L	#	94
28) cis-1,2-Dichloroethene	4.969	96	715354	193.526	ug/L		95
29) 2,2-Dichloropropane	5.074	77	972468	194.326	ug/L		88
31) Bromochloromethane	5.163	128	348036	192.200	ug/L		96
32) Cyclohexane	5.189	56	1049994	192.136	ug/L		97
33) Chloroform	5.231	83	1202634	191.395	ug/L		98
34) Ethyl acetate	5.331	43	641479	214.887	ug/L	#	90
35) Carbon tetrachloride	5.383	117	994087	196.166	ug/L		99
36) Tetrahydrofuran	5.383	42	197711	212.027	ug/L	#	85
38) 1,1,1-Trichloroethane	5.446	97	1021374	189.923	ug/L		97
40) 2-Butanone	5.509	43	279277	212.753	ug/L		98
41) 1,1-Dichloropropene	5.567	75	856224	192.890	ug/L		97
42) Benzene	5.813	78	2423742	192.087	ug/L		97
43) tert-Amyl methyl ether	5.923	73	1844129	205.586	ug/L		95
45) 1,2-Dichloroethane	6.007	62	855252	197.634	ug/L		99
48) Methyl cyclohexane	6.421	83	1142864	196.595	ug/L		96
49) Trichloroethene	6.416	95	694928	198.169	ug/L		93
51) Dibromomethane	6.846	93	429825	202.856	ug/L	#	88
52) 1,2-Dichloropropane	6.951	63	654420	196.401	ug/L		98
54) 2-Chloroethyl vinyl ether	7.643	63	398522	220.056	ug/L	#	100
55) Bromodichloromethane	7.024	83	962290	199.420	ug/L		99
58) 1,4-Dioxane	7.229	88	293334	9809.048	ug/L	#	94
59) cis-1,3-Dichloropropene	7.722	75	1129694	200.638	ug/L	#	84
62) Toluene	7.994	92	1634067	190.328	ug/L		94
63) 4-Methyl-2-pentanone	8.408	58	234373	208.492	ug/L	#	58
64) Tetrachloroethene	8.456	166	832809	193.705	ug/L		92
66) trans-1,3-Dichloropropene	8.466	75	1030597	196.421	ug/L		90
68) Ethyl methacrylate	8.660	69	829928	198.059	ug/L		91
69) 1,1,2-Trichloroethane	8.655	83	480700	196.012	ug/L		99
70) Chlorodibromomethane	8.875	129	804146	199.259	ug/L		99
71) 1,3-Dichloropropane	8.980	76	968389	195.071	ug/L		99
72) 1,2-Dibromoethane	9.153	107	617617	199.897	ug/L		98
73) 2-Hexanone	9.420	43	445084	206.302	ug/L	#	83
74) Chlorobenzene	9.814	112	1883191	191.276	ug/L		98
75) Ethylbenzene	9.855	91	3064480	188.704	ug/L		97
76) 1,1,1,2-Tetrachloroethane	9.897	131	735168	195.116	ug/L		99
77) p/m Xylene	10.044	106	2415052	373.179	ug/L		96
78) o Xylene	10.574	106	2385578	377.854	ug/L		96
79) Styrene	10.637	104	4021575	373.601	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A12.D
Acq On : 23 Dec 2025 07:58 pm
Operator : VOA100:JIC
Sample : I8260STD200PPB
Misc : WG2158227,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 24 07:51:59 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.658	173	579872	213.045	ug/L	99
83) Isopropylbenzene	10.946	105	3167089	195.276	ug/L	97
85) Bromobenzene	11.371	156	890526	202.483	ug/L	99
86) n-Propylbenzene	11.423	91	3538307	190.292	ug/L	95
87) 1,4-Dichlorobutane	11.418	55	1014503	206.583	ug/L	100
88) 1,1,2,2-Tetrachloroethane	11.486	83	773658	206.391	ug/L	97
89) 4-Ethyltoluene	11.544	105	3038129	191.550	ug/L	97
90) 2-Chlorotoluene	11.586	91	2077521M6	193.345	ug/L	
91) 1,3,5-Trimethylbenzene	11.643	105	2596447	190.108	ug/L	97
92) 1,2,3-Trichloropropane	11.628	75	597955	201.934	ug/L	95
93) trans-1,4-Dichloro-2-b...	11.675	53	234721	199.093	ug/L	97
94) 4-Chlorotoluene	11.764	91	2172837	194.038	ug/L	96
95) tert-Butylbenzene	11.979	119	2298261	191.232	ug/L	97
98) 1,2,4-Trimethylbenzene	12.052	105	2579927	191.260	ug/L	98
99) sec-Butylbenzene	12.168	105	3365373	187.875	ug/L	98
100) p-Isopropyltoluene	12.320	119	2919396	188.284	ug/L	98
101) 1,3-Dichlorobenzene	12.383	146	1618826	195.666	ug/L	98
102) 1,4-Dichlorobenzene	12.477	146	1625341	196.118	ug/L	98
103) p-Diethylbenzene	12.692	119	1762557	188.095	ug/L	98
104) n-Butylbenzene	12.750	91	2555941	185.476	ug/L	97
105) 1,2-Dichlorobenzene	12.896	146	1533560	197.133	ug/L	97
106) 1,2,4,5-Tetramethylben...	13.484	119	2709232	194.129	ug/L	98
107) 1,2-Dibromo-3-chloropr...	13.667	155	159969	209.080	ug/L	92
108) 1,3,5-Trichlorobenzene	13.709	180	1270524	191.273	ug/L	97
109) Hexachlorobutadiene	14.286	225	658709	187.405	ug/L	98
110) 1,2,4-Trichlorobenzene	14.302	180	1150542	197.074	ug/L	98
111) Naphthalene	14.595	128	2418784	205.387	ug/L	100
112) 1,2,3-Trichlorobenzene	14.763	180	1060903	195.427	ug/L	99

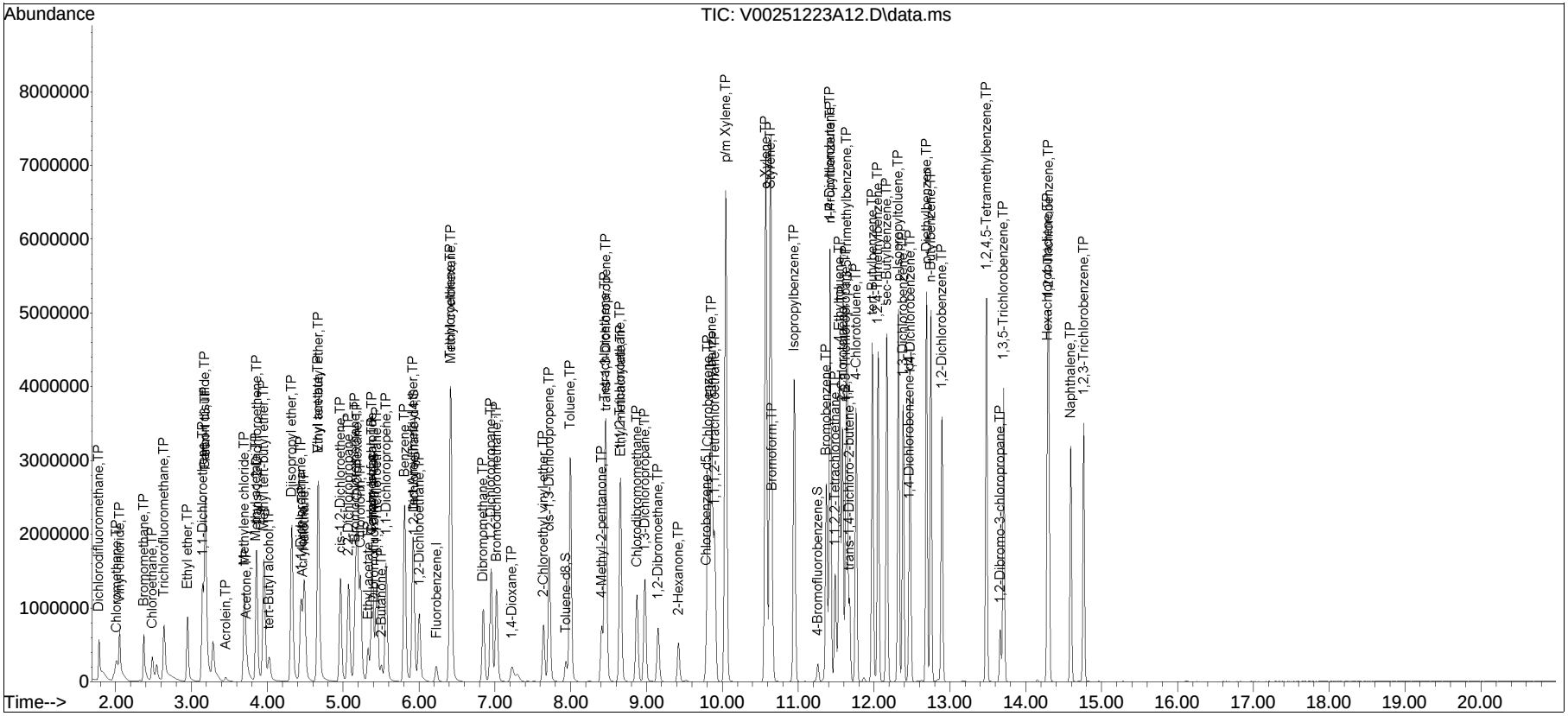
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A12.D
Acq On : 23 Dec 2025 07:58 pm
Operator : VOA100:JIC
Sample : I8260STD200PPB
Misc : WG2158227,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 24 07:51:59 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

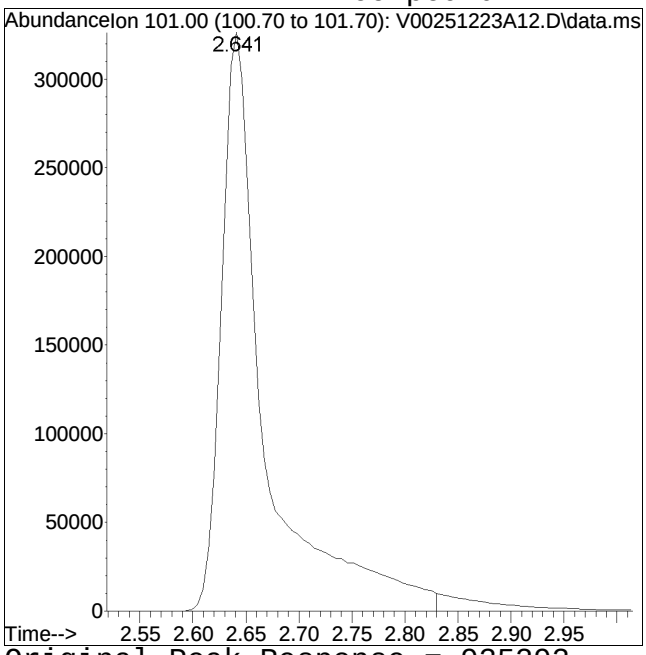
Sub List : 8260-CurveSoil - Megamix plus Diox23A10.D•

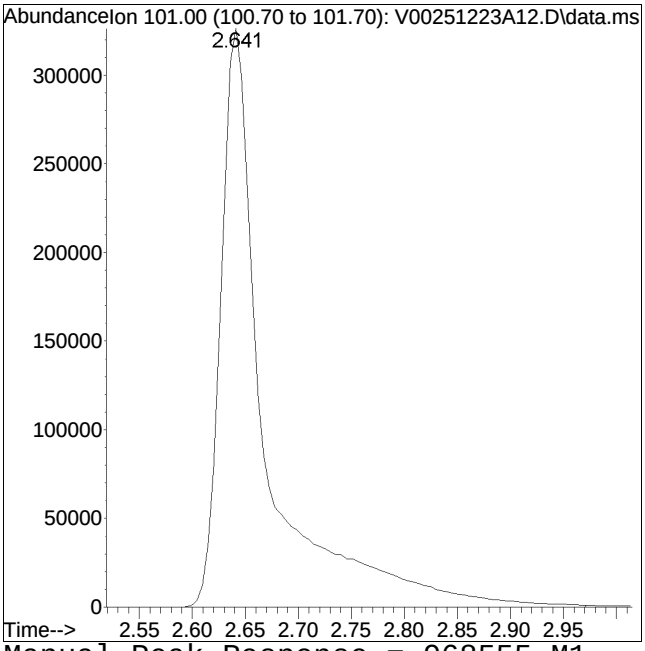


Manual Integration Report

Data Path	: K:\VOA100\2025\251223A\	QMethod	: V100_251223A_8260.m
Data File	: V00251223A12.D	Operator	: VOA100:JIC
Date Inj'd	: 12/23/2025 7:58 pm	Instrument	: VOA100
Sample	: I8260STD200PPB	Quant Date	: 12/24/2025 7:38 am

Compound #7: Trichlorofluoromethane





Original Peak Response = 935292 Manual Peak Response = 968555 M1

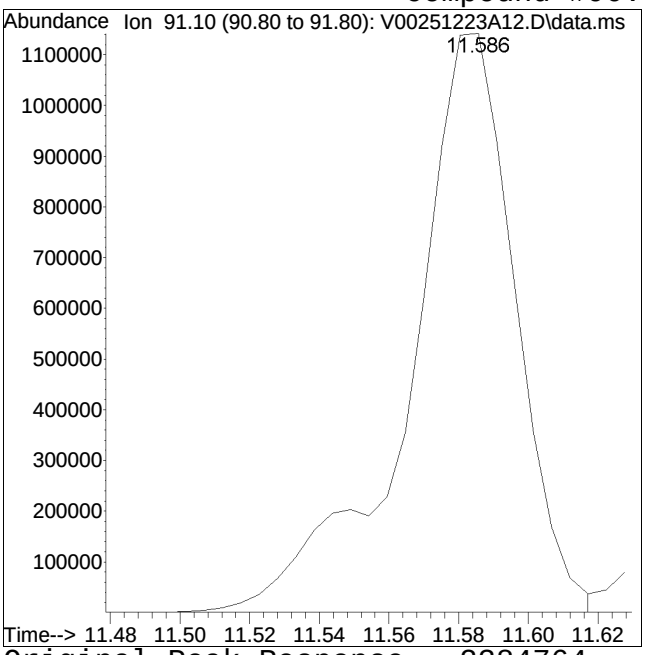
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

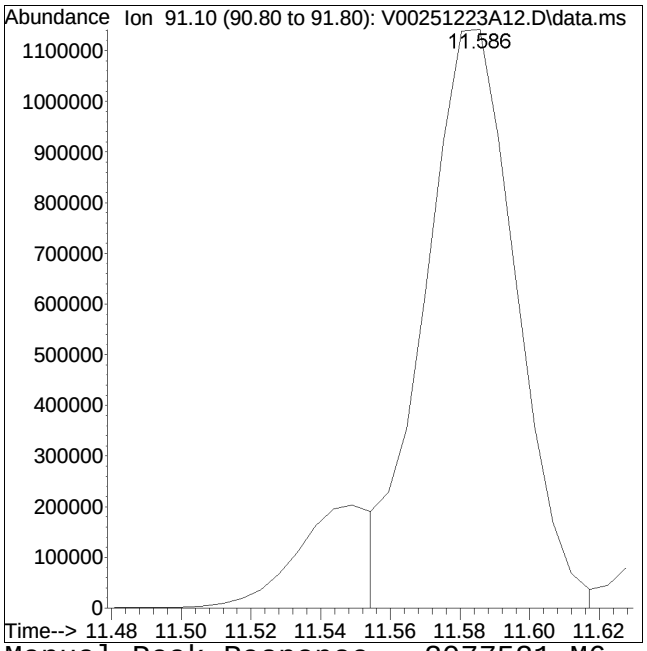
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A12.D
Date Inj'd : 12/23/2025 7:58 pm
Sample : I8260STD200PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:38 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 2384764



Manual Peak Response = 2077521 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A13.D
Acq On : 23 Dec 2025 08:24 pm
Operator : VOA100:JIC
Sample : I8260STD300PPB
Misc : WG2158227,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 24 07:57:36 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	217189	20.000	ug/L	0.00
Standard Area 1 = 219329			Recovery = 99.02%			
60) Chlorobenzene-d5	9.792	117	175350	20.000	ug/L	0.00
Standard Area 1 = 172328			Recovery = 101.75%			
80) 1,4-Dichlorobenzene-d4	12.461	152	99555	20.000	ug/L	0.00
Standard Area 1 = 102487			Recovery = 97.14%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.404	113	59162	19.782	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.91%			
44) 1,2-Dichloroethane-d4	5.934	65	59384	20.741	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.71%			
61) Toluene-d8	7.936	98	225897	19.867	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.34%			
84) 4-Bromofluorobenzene	11.261	95	80557	20.488	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.781	85	1024639	299.431	ug/L #	81
3) Chloromethane	2.012	50	1007940	293.553	ug/L	97
4) Vinyl chloride	2.054	62	1043460	294.465	ug/L	85
5) Bromomethane	2.368	94	603331	336.198	ug/L	100
6) Chloroethane	2.473	64	542562	241.865	ug/L	90
7) Trichlorofluoromethane	2.630	101	1470050M1	305.559	ug/L	
8) Ethyl ether	2.945	74	516447	301.880	ug/L	88
10) 1,1-Dichloroethene	3.144	96	873988	299.184	ug/L	86
11) Carbon disulfide	3.176	76	2989306	289.871	ug/L	99
12) Freon-113	3.181	101	878740	302.175	ug/L	86
14) Acrolein	3.454	56	77568	306.885	ug/L	93
15) Methylene chloride	3.700	84	957428	289.025	ug/L	86
17) Acetone	3.726	43	386632	268.460	ug/L	91
18) trans-1,2-Dichloroethene	3.857	96	975316	298.449	ug/L	94
19) Methyl acetate	3.852	43	579743	302.772	ug/L #	83
20) Methyl tert-butyl ether	3.957	73	2652850	295.726	ug/L	94
21) tert-Butyl alcohol	4.030	59	533415	1599.236	ug/L	90
22) Diisopropyl ether	4.324	45	2986847	292.734	ug/L	94
23) 1,1-Dichloroethane	4.445	63	1669280	287.495	ug/L	98
24) Halothane	4.487	117	763300	300.181	ug/L	100
25) Acrylonitrile	4.466	53	288979	296.707	ug/L	92

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A13.D
Acq On : 23 Dec 2025 08:24 pm
Operator : VOA100:JIC
Sample : I8260STD300PPB
Misc : WG2158227,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 24 07:57:36 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	2784916	292.335	ug/L	#	76
27) Vinyl acetate	4.670	43	2388262	301.809	ug/L	#	94
28) cis-1,2-Dichloroethene	4.964	96	1058498	294.647	ug/L		94
29) 2,2-Dichloropropane	5.069	77	1441325	296.354	ug/L		88
31) Bromochloromethane	5.158	128	494998	281.271	ug/L		98
32) Cyclohexane	5.184	56	1574808M6	296.513	ug/L		
33) Chloroform	5.231	83	1759507	288.125	ug/L		98
34) Ethyl acetate	5.331	43	893769	308.067	ug/L	#	90
35) Carbon tetrachloride	5.383	117	1474860	299.463	ug/L		99
36) Tetrahydrofuran	5.378	42	271859	299.984	ug/L		86
38) 1,1,1-Trichloroethane	5.446	97	1535170	293.727	ug/L		97
40) 2-Butanone	5.504	43	392936M4	308.003	ug/L		
41) 1,1-Dichloropropene	5.567	75	1280827	296.897	ug/L		97
42) Benzene	5.813	78	3575813	291.595	ug/L		97
43) tert-Amyl methyl ether	5.923	73	2584056	296.413	ug/L		95
45) 1,2-Dichloroethane	6.002	62	1222928	290.778	ug/L		99
48) Methyl cyclohexane	6.421	83	1729917	306.193	ug/L		96
49) Trichloroethene	6.416	95	1040321	305.250	ug/L		93
51) Dibromomethane	6.846	93	612642	297.506	ug/L	#	88
52) 1,2-Dichloropropane	6.951	63	951347	293.778	ug/L		98
54) 2-Chloroethyl vinyl ether	7.643	63	567098	322.204	ug/L	#	100
55) Bromodichloromethane	7.024	83	1396599	297.802	ug/L		99
58) 1,4-Dioxane	7.229	88	402444	13847.232	ug/L	#	95
59) cis-1,3-Dichloropropene	7.716	75	1632905	298.405	ug/L	#	84
62) Toluene	7.994	92	2418789	293.452	ug/L		93
63) 4-Methyl-2-pentanone	8.414	58	329065	304.909	ug/L	#	59
64) Tetrachloroethene	8.456	166	1252102	303.348	ug/L		92
66) trans-1,3-Dichloropropene	8.466	75	1472279	292.278	ug/L		90
68) Ethyl methacrylate	8.660	69	1157699	287.777	ug/L		92
69) 1,1,2-Trichloroethane	8.655	83	684119	290.567	ug/L		99
70) Chlorodibromomethane	8.875	129	1150898	297.048	ug/L		98
71) 1,3-Dichloropropane	8.980	76	1373332	288.154	ug/L		99
72) 1,2-Dibromoethane	9.153	107	876831	295.603	ug/L		98
73) 2-Hexanone	9.420	43	616807	297.795	ug/L	#	83
74) Chlorobenzene	9.813	112	2758154	291.803	ug/L		98
75) Ethylbenzene	9.861	91	4482714	287.523	ug/L		97
76) 1,1,1,2-Tetrachloroethane	9.897	131	1065433	294.537	ug/L		100
77) p/m Xylene	10.049	106	3524565	567.288	ug/L		96
78) o Xylene	10.574	106	3459040	570.680	ug/L		95
79) Styrene	10.637	104	5736653	555.108	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A13.D
Acq On : 23 Dec 2025 08:24 pm
Operator : VOA100:JIC
Sample : I8260STD300PPB
Misc : WG2158227,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 24 07:57:36 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.658	173	814293	313.163	ug/L	99
83) Isopropylbenzene	10.951	105	4651023	300.183	ug/L	97
85) Bromobenzene	11.371	156	1291808	307.461	ug/L	100
86) n-Propylbenzene	11.423	91	5138226	289.260	ug/L	94
87) 1,4-Dichlorobutane	11.423	55	1412768	301.136	ug/L	99
88) 1,1,2,2-Tetrachloroethane	11.491	83	1071281	299.154	ug/L	97
89) 4-Ethyltoluene	11.549	105	4421382	291.799	ug/L	97
90) 2-Chlorotoluene	11.586	91	3059531M6	298.052	ug/L	
91) 1,3,5-Trimethylbenzene	11.643	105	3773912	289.243	ug/L	97
92) 1,2,3-Trichloropropane	11.628	75	829736	293.313	ug/L	95
93) trans-1,4-Dichloro-2-b...	11.680	53	333422	296.038	ug/L	98
94) 4-Chlorotoluene	11.764	91	3135313	293.083	ug/L	95
95) tert-Butylbenzene	11.979	119	3380679	294.452	ug/L	97
98) 1,2,4-Trimethylbenzene	12.057	105	3731426	289.562	ug/L	98
99) sec-Butylbenzene	12.168	105	4936199	288.456	ug/L	97
100) p-Isopropyltoluene	12.325	119	4252436	287.084	ug/L	99
101) 1,3-Dichlorobenzene	12.383	146	2307645	291.968	ug/L	98
102) 1,4-Dichlorobenzene	12.477	146	2320301	293.068	ug/L	97
103) p-Diethylbenzene	12.692	119	2577258	287.901	ug/L	98
104) n-Butylbenzene	12.750	91	3719668	282.547	ug/L	96
105) 1,2-Dichlorobenzene	12.896	146	2176701	292.892	ug/L	97
106) 1,2,4,5-Tetramethylben...	13.484	119	3916129	293.732	ug/L	99
107) 1,2-Dibromo-3-chloropr...	13.667	155	224113	306.616	ug/L	92
108) 1,3,5-Trichlorobenzene	13.709	180	1825737	287.713	ug/L	97
109) Hexachlorobutadiene	14.291	225	996848	296.870	ug/L	98
110) 1,2,4-Trichlorobenzene	14.307	180	1620896	290.624	ug/L	98
111) Naphthalene	14.595	128	3366472	299.228	ug/L	100
112) 1,2,3-Trichlorobenzene	14.763	180	1495878	288.440	ug/L	99

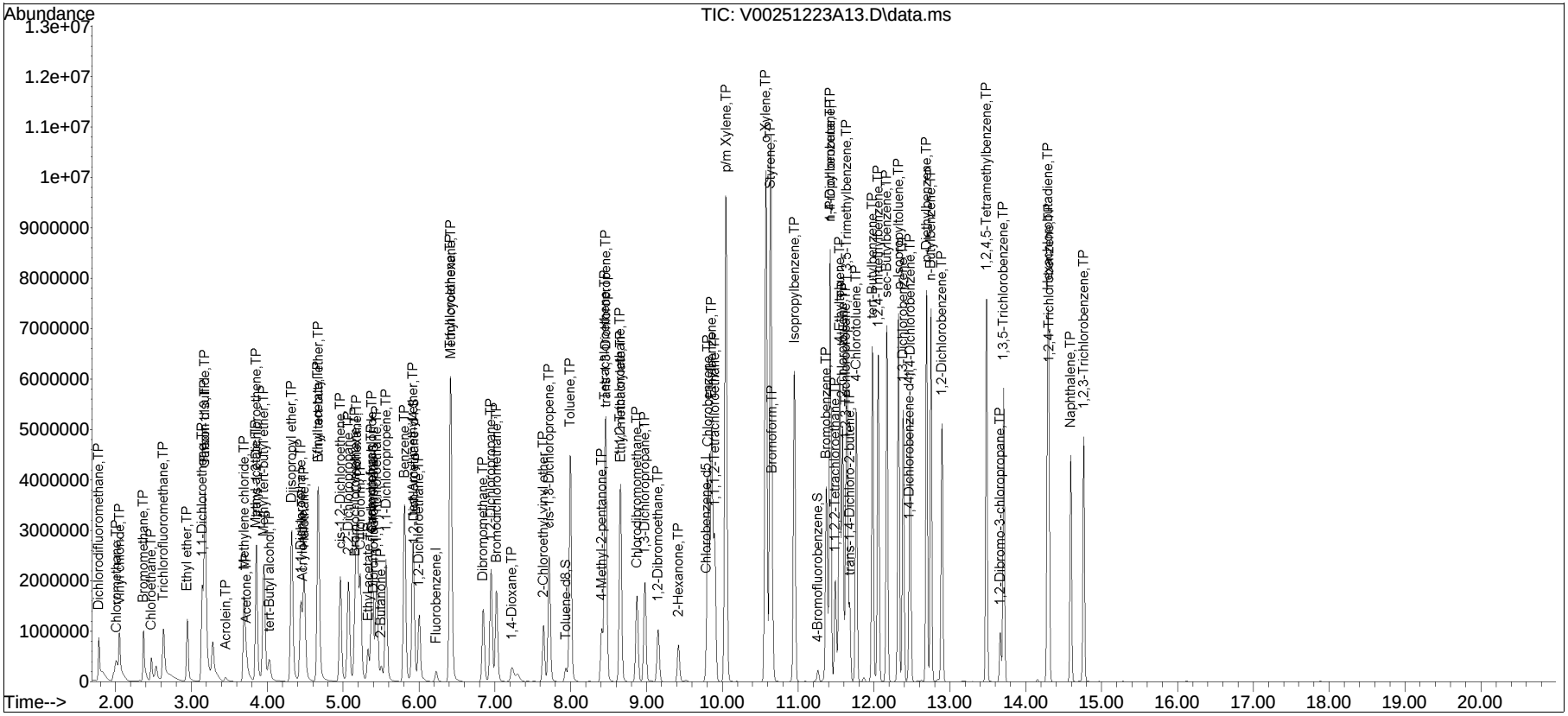
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A13.D
Acq On : 23 Dec 2025 08:24 pm
Operator : VOA100:JIC
Sample : I8260STD300PPB
Misc : WG2158227,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 24 07:57:36 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

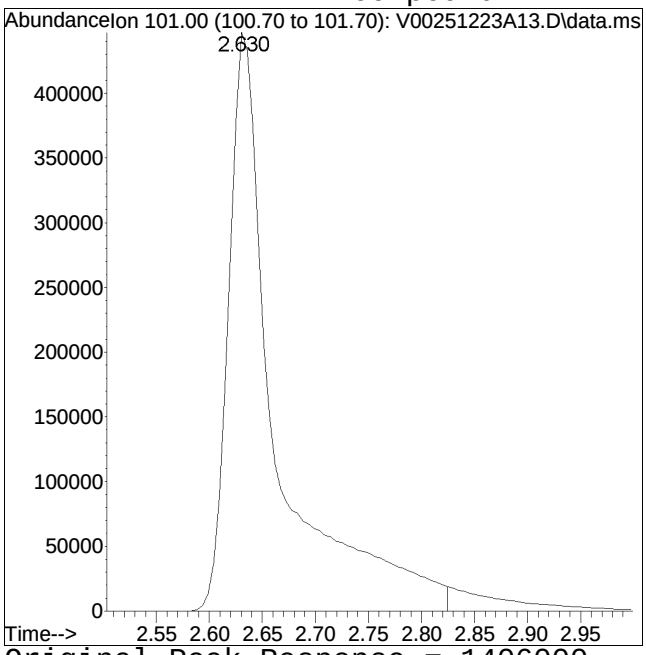
Sub List : 8260-CurveSoil - Megamix plus Diox23A10.D•

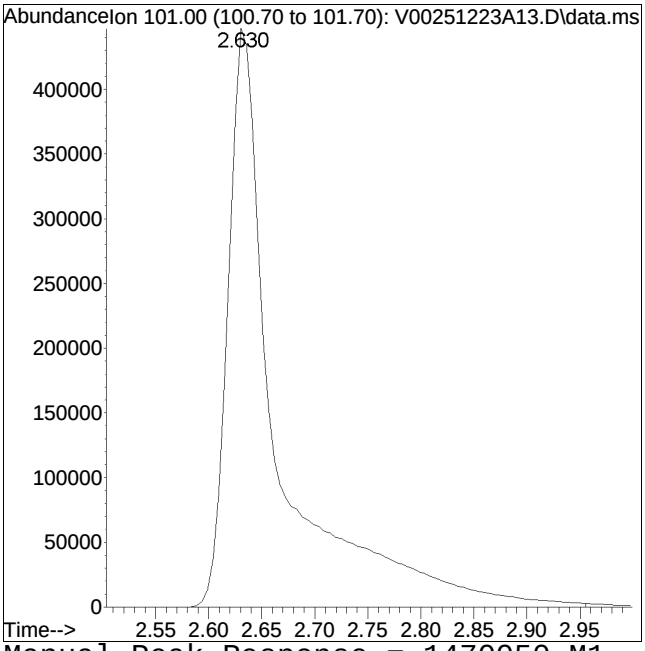


Manual Integration Report

Data Path	: K:\VOA100\2025\251223A\	QMethod	: V100_251223A_8260.m
Data File	: V00251223A13.D	Operator	: VOA100:JIC
Date Inj'd	: 12/23/2025 8:24 pm	Instrument	: VOA100
Sample	: I8260STD300PPB	Quant Date	: 12/24/2025 7:38 am

Compound #7: Trichlorofluoromethane





Original Peak Response = 1406000 Manual Peak Response = 1470050 M1

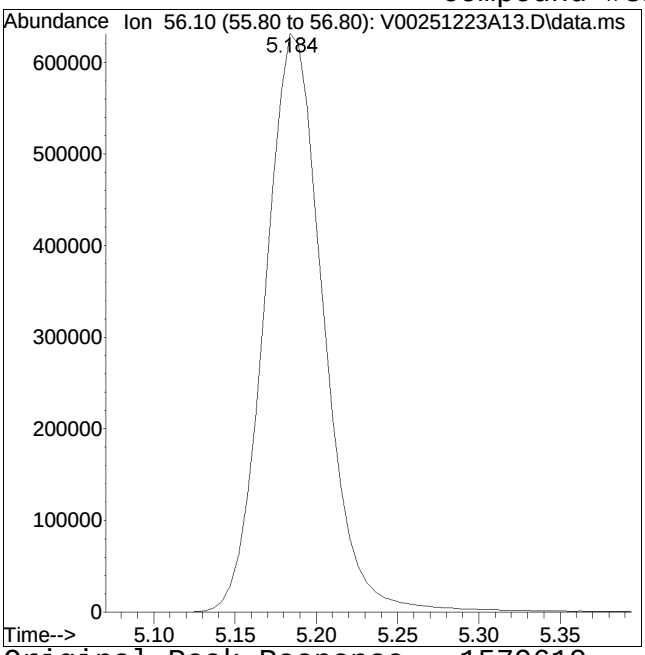
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

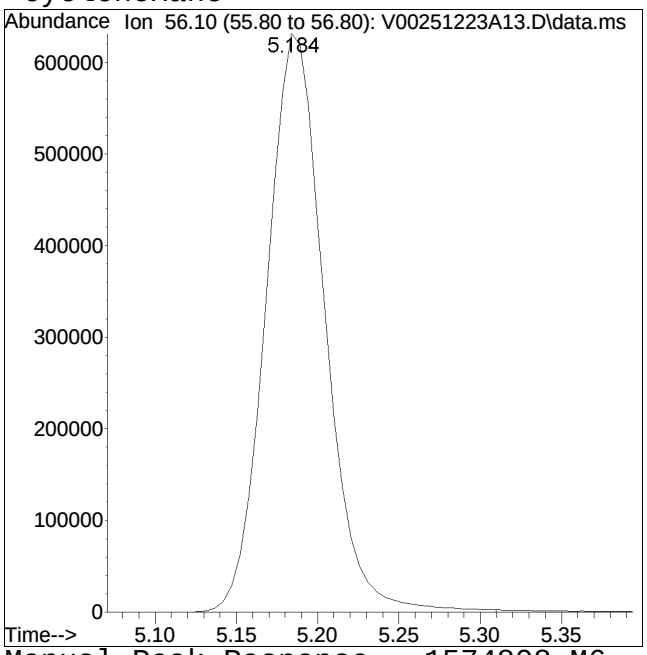
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A13.D
Date Inj'd : 12/23/2025 8:24 pm
Sample : I8260STD300PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:38 am

Compound #32: Cyclohexane



Original Peak Response = 1579619



Manual Peak Response = 1574808 M6

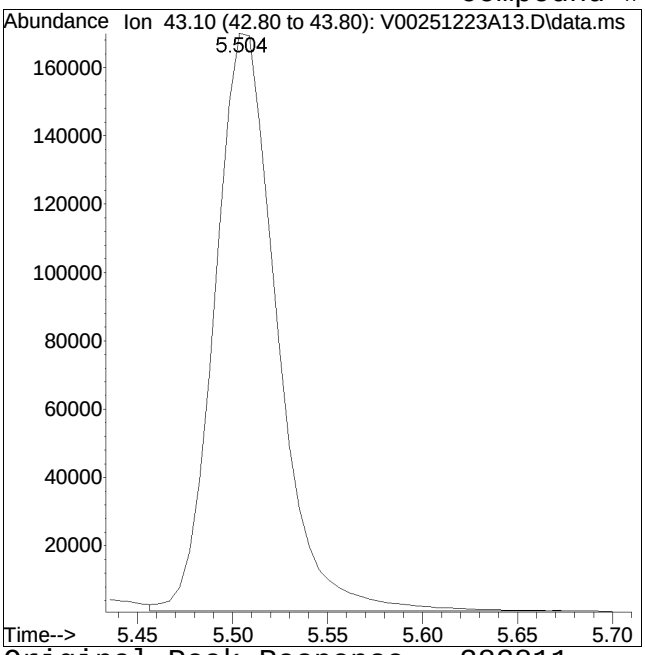
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

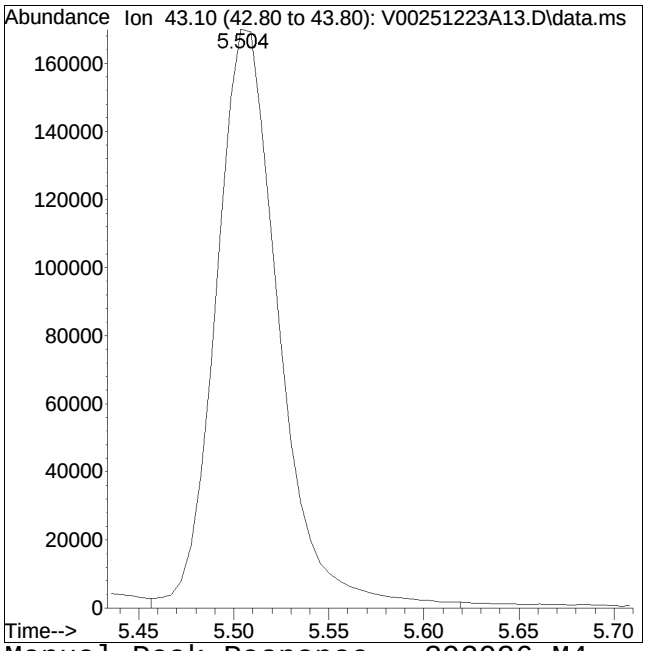
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A13.D
Date Inj'd : 12/23/2025 8:24 pm
Sample : I8260STD300PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:38 am

Compound #40: 2-Butanone



Original Peak Response = 383811



Manual Peak Response = 392936 M4

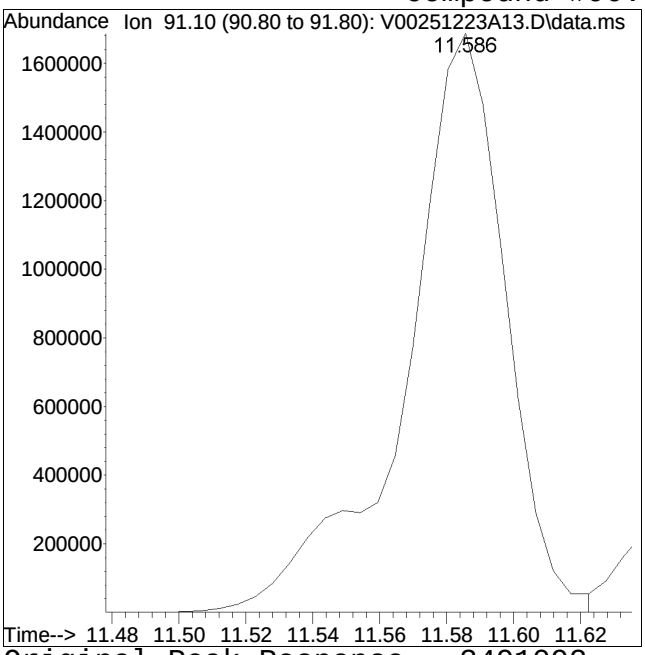
M4 = Poor automated baseline construction.

Manual Integration Report

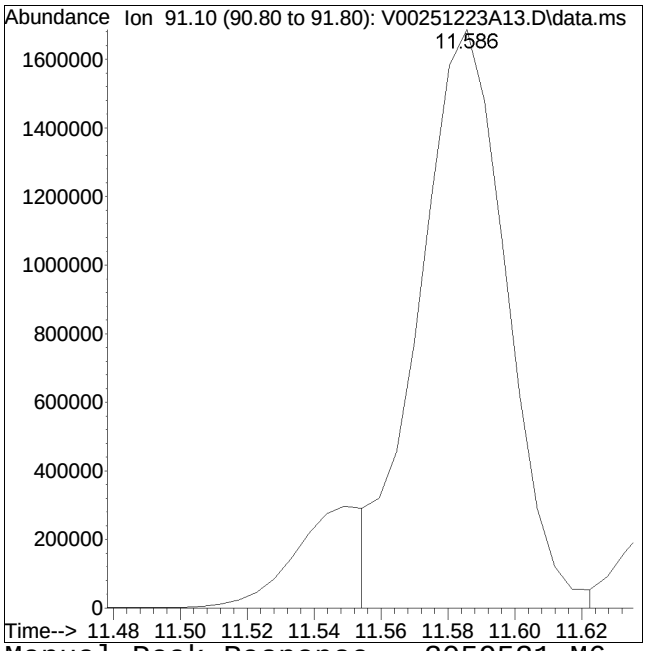
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A13.D
Date Inj'd : 12/23/2025 8:24 pm
Sample : I8260STD300PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:38 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 3491092



Manual Peak Response = 3059531 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A18.D
Acq On : 23 Dec 2025 10:35 pm
Operator : VOA100:JIC
Sample : C8260STD40PPB
Misc : WG2158227,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 24 08:03:13 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	94	0.00
2	TP	Dichlorodifluoromethane	0.299	0.334	-11.7	100	0.00
3	TP	Chloromethane	0.310	0.338	-9.0	101	0.00
4	TP	Vinyl chloride	0.308	0.338	-9.7	98	0.00
5	TP	Bromomethane	0.161	0.225	-39.8#	129	0.00
6	TP	Chloroethane	0.193	0.201	-4.1	92	0.00
7	TP	Trichlorofluoromethane	0.424	0.458	-8.0	98	0.00
8	TP	Ethyl ether	0.152	0.152	0.0	91	0.00
10	TP	1,1-Dichloroethene	0.250	0.252	-0.8	89	0.00
11	TP	Carbon disulfide	1.013	0.759	25.1#	75	0.00
12	TP	Freon-113	0.249	0.278	-11.6	98	0.00
14	TP	Acrolein	0.022	0.042	-90.9#	171	0.00
15	TP	Methylene chloride	0.309	0.315	-1.9	98	0.00
17	TP	Acetone	0.139	0.072	48.2#	51	0.00
18	TP	trans-1,2-Dichloroethene	0.286	0.295	-3.1	92	0.00
19	TP	Methyl acetate	0.186	0.175	5.9	94	0.00
20	TP	Methyl tert-butyl ether	0.800	0.764	4.5	87	0.00
21	TP	tert-Butyl alcohol	0.030	0.031	-3.3	95	0.00
22	TP	Diisopropyl ether	0.893	0.913	-2.2	92	0.00
23	TP	1,1-Dichloroethane	0.513	0.522	-1.8	92	0.00
24	TP	Halothane	0.222	0.231	-4.1	93	0.00
25	TP	Acrylonitrile	0.084	0.090	-7.1	95	-0.01
26	TP	Ethyl tert-butyl ether	0.832	0.859	-3.2	92	0.00
27	TP	Vinyl acetate	0.703	0.659	6.3	85	0.00
28	TP	cis-1,2-Dichloroethene	0.317	0.313	1.3	89	-0.01
29	TP	2,2-Dichloropropane	0.437	0.432	1.1	91	0.00
31	TP	Bromochloromethane	0.154	0.156	-1.3	91	0.00
32	TP	Cyclohexane	0.458	0.481	-5.0	93	0.00
33	TP	Chloroform	0.547	0.544	0.5	91	0.00
34	TP	Ethyl acetate	0.273	0.271	0.7	96	-0.01
35	TP	Carbon tetrachloride	0.430	0.428	0.5	89	0.00
36	TP	Tetrahydrofuran	0.096	0.085	11.5	96	0.00
37	S	Dibromofluoromethane	0.278	0.273	1.8	94	0.00
38	TP	1,1,1-Trichloroethane	0.442	0.466	-5.4	91	0.00
40	TP	2-Butanone	0.120	0.112	6.7	90	0.00
41	TP	1,1-Dichloropropene	0.365	0.401	-9.9	95	0.00
42	TP	Benzene	1.058	1.106	-4.5	92	0.00
43	TP	tert-Amyl methyl ether	0.771	0.767	0.5	90	0.00
44	S	1,2-Dichloroethane-d4	0.276	0.265	4.0	95	0.00

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A18.D
Acq On : 23 Dec 2025 10:35 pm
Operator : VOA100:JIC
Sample : C8260STD40PPB
Misc : WG2158227,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 24 08:03:13 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	TP	1,2-Dichloroethane	0.378	0.380	-0.5	93	0.00
48	TP	Methyl cyclohexane	0.479	0.497	-3.8	90	0.00
49	TP	Trichloroethene	0.292	0.304	-4.1	91	0.00
51	TP	Dibromomethane	0.184	0.185	-0.5	92	0.00
52	TP	1,2-Dichloropropane	0.284	0.293	-3.2	93	0.00
54	TP	2-Chloroethyl vinyl ether	0.155	0.153	1.3	89	0.00
55	TP	Bromodichloromethane	0.414	0.408	1.4	89	0.00
58	TP	1,4-Dioxane	0.00243	0.00309#	-27.2#	109	-0.01
59	TP	cis-1,3-Dichloropropene	0.474	0.487	-2.7	91	-0.01
60	I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
61	S	Toluene-d8	1.285	1.311	-2.0	95	0.00
62	TP	Toluene	0.885	0.925	-4.5	92	0.00
63	TP	4-Methyl-2-pentanone	0.112	0.119	-6.2	91	0.00
64	TP	Tetrachloroethene	0.427	0.460	-7.7	91	0.00
66	TP	trans-1,3-Dichloropropene	0.540	0.566	-4.8	92	0.00
68	TP	Ethyl methacrylate	0.428	0.449	-4.9	92	0.00
69	TP	1,1,2-Trichloroethane	0.254	0.265	-4.3	92	0.00
70	TP	Chlorodibromomethane	0.412	0.449	-9.0	95	0.00
71	TP	1,3-Dichloropropane	0.520	0.546	-5.0	94	0.00
72	TP	1,2-Dibromoethane	0.314	0.335	-6.7	93	0.00
73	TP	2-Hexanone	0.227	0.232	-2.2	92	0.00
74	TP	Chlorobenzene	1.011	1.069	-5.7	93	0.00
75	TP	Ethylbenzene	1.677	1.762	-5.1	93	0.00
76	TP	1,1,1,2-Tetrachloroethane	0.382	0.406	-6.3	92	0.00
77	TP	p/m Xylene	0.656	0.691	-5.3	91	0.00
78	TP	o Xylene	0.648	0.676	-4.3	91	0.00
79	TP	Styrene	1.091	1.157	-6.0	92	0.00
80	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
81	TP	Bromoform	0.506	0.538	-6.3	94	0.00
83	TP	Isopropylbenzene	2.938	3.089	-5.1	91	0.00
84	S	4-Bromofluorobenzene	0.797	0.800	-0.4	93	0.00
85	TP	Bromobenzene	0.813	0.856	-5.3	93	0.00
86	TP	n-Propylbenzene	3.345	3.570	-6.7	92	0.00
87	TP	1,4-Dichlorobutane	0.923	0.985	-6.7	96	0.00
88	TP	1,1,2,2-Tetrachloroethane	0.693	0.713	-2.9	91	0.00
89	TP	4-Ethyltoluene	2.884	3.137	-8.8	94	0.00
90	TP	2-Chlorotoluene	1.996	2.062	-3.3	92	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A18.D
Acq On : 23 Dec 2025 10:35 pm
Operator : VOA100:JIC
Sample : C8260STD40PPB
Misc : WG2158227,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 24 08:03:13 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 TP	1,3,5-Trimethylbenzene	2.487	2.602	-4.6	91	0.00
92 TP	1,2,3-Trichloropropane	0.557	0.592	-6.3	95	0.00
93 TP	trans-1,4-Dichloro-2-butene	0.216	0.225	-4.2	91	0.00
94 TP	4-Chlorotoluene	2.070	2.131	-2.9	91	0.00
95 TP	tert-Butylbenzene	2.160	2.312	-7.0	92	0.00
98 TP	1,2,4-Trimethylbenzene	2.461	2.644	-7.4	94	0.00
99 TP	sec-Butylbenzene	3.210	3.441	-7.2	92	0.00
100 TP	p-Isopropyltoluene	2.771	2.960	-6.8	91	0.00
101 TP	1,3-Dichlorobenzene	1.529	1.589	-3.9	92	0.00
102 TP	1,4-Dichlorobenzene	1.551	1.608	-3.7	93	0.00
103 TP	p-Diethylbenzene	1.676	1.741	-3.9	89	0.00
104 TP	n-Butylbenzene	2.466	2.601	-5.5	90	0.00
105 TP	1,2-Dichlorobenzene	1.440	1.522	-5.7	93	0.00
106 TP	1,2,4,5-Tetramethylbenzene	2.499	2.724	-9.0	93	0.00
107 TP	1,2-Dibromo-3-chloropropane	0.141	0.154	-9.2	96	0.00
108 TP	1,3,5-Trichlorobenzene	1.217	1.212	0.4	87	0.00
109 TP	Hexachlorobutadiene	0.637	0.664	-4.2	90	0.00
110 TP	1,2,4-Trichlorobenzene	1.082	1.107	-2.3	90	0.00
111 TP	Naphthalene	2.193	2.347	-7.0	95	0.00
112 TP	1,2,3-Trichlorobenzene	1.001	1.058	-5.7	93	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 1 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A18.D
Acq On : 23 Dec 2025 10:35 pm
Operator : VOA100:JIC
Sample : C8260STD40PPB
Misc : WG2158227,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 24 08:03:13 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	207117	20.000	ug/L	0.00
Standard Area 1 = 219329			Recovery = 94.43%			
60) Chlorobenzene-d5	9.792	117	161118	20.000	ug/L	0.00
Standard Area 1 = 172328			Recovery = 93.49%			
80) 1,4-Dichlorobenzene-d4	12.456	152	93845	20.000	ug/L	0.00
Standard Area 1 = 102487			Recovery = 91.57%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.404	113	56484	19.632	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.16%			
44) 1,2-Dichloroethane-d4	5.934	65	54969	19.224	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.12%			
61) Toluene-d8	7.936	98	211199	20.398	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.99%			
84) 4-Bromofluorobenzene	11.261	95	75047	20.066	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.33%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.781	85	138471	44.777	ug/L #	82
3) Chloromethane	2.012	50	140110	43.575	ug/L	97
4) Vinyl chloride	2.054	62	139931	43.883	ug/L	86
5) Bromomethane	2.374	94	93173	55.969	ug/L	99
6) Chloroethane	2.499	64	83423	41.802	ug/L	87
7) Trichlorofluoromethane	2.646	101	189628	43.194	ug/L	98
8) Ethyl ether	2.950	74	63143	40.232	ug/L	88
10) 1,1-Dichloroethene	3.150	96	104556	40.452	ug/L	87
11) Carbon disulfide	3.181	76	314494	29.991	ug/L	99
12) Freon-113	3.186	101	115160	44.718	ug/L	85
14) Acrolein	3.454	56	17498	77.776	ug/L	91
15) Methylene chloride	3.700	84	130559	40.791	ug/L	85
17) Acetone	3.731	43	29633	20.575	ug/L	91
18) trans-1,2-Dichloroethene	3.863	96	122046	41.146	ug/L	94
19) Methyl acetate	3.852	43	72635	37.759	ug/L #	83
20) Methyl tert-butyl ether	3.957	73	316366	38.187	ug/L	95
21) tert-Butyl alcohol	4.020	59	63989	204.004	ug/L	91
22) Diisopropyl ether	4.324	45	378250	40.923	ug/L	94
23) 1,1-Dichloroethane	4.445	63	216378	40.714	ug/L	98
24) Halothane	4.486	117	95736	41.652	ug/L	100
25) Acrylonitrile	4.466	53	37470	43.186	ug/L	92

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A18.D
Acq On : 23 Dec 2025 10:35 pm
Operator : VOA100:JIC
Sample : C8260STD40PPB
Misc : WG2158227,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 24 08:03:13 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	355898	41.330	ug/L	#	81
27) Vinyl acetate	4.670	43	272866	37.486	ug/L	#	93
28) cis-1,2-Dichloroethene	4.964	96	129690	39.453	ug/L		95
29) 2,2-Dichloropropane	5.068	77	179008	39.521	ug/L		87
31) Bromochloromethane	5.158	128	64464	40.442	ug/L		94
32) Cyclohexane	5.184	56	199162	41.987	ug/L		96
33) Chloroform	5.226	83	225490	39.776	ug/L		98
34) Ethyl acetate	5.331	43	112331	39.704	ug/L	#	90
35) Carbon tetrachloride	5.383	117	177419	39.885	ug/L		98
36) Tetrahydrofuran	5.383	42	35142	35.515	ug/L	#	84
38) 1,1,1-Trichloroethane	5.446	97	193082	42.184	ug/L		98
40) 2-Butanone	5.504	43	46387	37.444	ug/L		98
41) 1,1-Dichloropropene	5.567	75	165922	43.951	ug/L		97
42) Benzene	5.813	78	458086	41.809	ug/L		97
43) tert-Amyl methyl ether	5.923	73	317746	39.781	ug/L		96
45) 1,2-Dichloroethane	6.002	62	157397	40.187	ug/L		99
48) Methyl cyclohexane	6.421	83	205780	41.451	ug/L		96
49) Trichloroethene	6.411	95	125819	41.594	ug/L		93
51) Dibromomethane	6.846	93	76618	40.119	ug/L	#	88
52) 1,2-Dichloropropane	6.951	63	121330	41.308	ug/L		99
54) 2-Chloroethyl vinyl ether	7.643	63	63425	39.558	ug/L	#	100
55) Bromodichloromethane	7.019	83	168893	39.407	ug/L		99
58) 1,4-Dioxane	7.229	88	64048	2549.140	ug/L	#	94
59) cis-1,3-Dichloropropene	7.716	75	201905	41.090	ug/L	#	84
62) Toluene	7.994	92	298129	41.811	ug/L		95
63) 4-Methyl-2-pentanone	8.408	58	38472	42.489	ug/L	#	55
64) Tetrachloroethene	8.455	166	148353	43.119	ug/L		92
66) trans-1,3-Dichloropropene	8.466	75	182332	41.884	ug/L		91
68) Ethyl methacrylate	8.660	69	144776	41.986	ug/L		91
69) 1,1,2-Trichloroethane	8.655	83	85431	41.735	ug/L		99
70) Chlorodibromomethane	8.875	129	144612	43.606	ug/L		98
71) 1,3-Dichloropropane	8.980	76	175827	41.980	ug/L		99
72) 1,2-Dibromoethane	9.153	107	108038	42.673	ug/L		97
73) 2-Hexanone	9.425	43	74893	40.933	ug/L	#	83
74) Chlorobenzene	9.813	112	344549	42.289	ug/L		97
75) Ethylbenzene	9.855	91	567807	42.032	ug/L		98
76) 1,1,1,2-Tetrachloroethane	9.892	131	130687	42.461	ug/L		99
77) p/m Xylene	10.044	106	445061	84.238	ug/L		97
78) o Xylene	10.568	106	435352	83.369	ug/L		97
79) Styrene	10.631	104	745561	84.850	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A18.D
Acq On : 23 Dec 2025 10:35 pm
Operator : VOA100:JIC
Sample : C8260STD40PPB
Misc : WG2158227,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 24 08:03:13 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.652	173	100897	42.456	ug/L	98
83) Isopropylbenzene	10.946	105	579742	42.060	ug/L	98
85) Bromobenzene	11.371	156	160715	42.130	ug/L	99
86) n-Propylbenzene	11.418	91	670082	42.692	ug/L	95
87) 1,4-Dichlorobutane	11.418	55	184942	42.698	ug/L	99
88) 1,1,2,2-Tetrachloroethane	11.486	83	133902	41.197	ug/L	98
89) 4-Ethyltoluene	11.544	105	588717	43.503	ug/L	98
90) 2-Chlorotoluene	11.580	91	387026M6	41.332	ug/L	
91) 1,3,5-Trimethylbenzene	11.638	105	488276	41.835	ug/L	97
92) 1,2,3-Trichloropropane	11.622	75	111068	42.490	ug/L	97
93) trans-1,4-Dichloro-2-b...	11.675	53	42313	41.791	ug/L	96
94) 4-Chlorotoluene	11.764	91	399892	41.170	ug/L	95
95) tert-Butylbenzene	11.979	119	433958	42.807	ug/L	96
98) 1,2,4-Trimethylbenzene	12.052	105	496238	42.974	ug/L	98
99) sec-Butylbenzene	12.168	105	645765	42.878	ug/L	99
100) p-Isopropyltoluene	12.320	119	555656	42.733	ug/L	98
101) 1,3-Dichlorobenzene	12.383	146	298231	41.579	ug/L	97
102) 1,4-Dichlorobenzene	12.472	146	301781	41.479	ug/L	97
103) p-Diethylbenzene	12.692	119	326732	41.545	ug/L	98
104) n-Butylbenzene	12.750	91	488271	42.196	ug/L	98
105) 1,2-Dichlorobenzene	12.891	146	285687	42.275	ug/L	97
106) 1,2,4,5-Tetramethylben...	13.478	119	511332	43.607	ug/L	98
107) 1,2-Dibromo-3-chloropr...	13.667	155	28899	43.568	ug/L	89
108) 1,3,5-Trichlorobenzene	13.709	180	227553	39.853	ug/L	97
109) Hexachlorobutadiene	14.286	225	124685	41.741	ug/L	98
110) 1,2,4-Trichlorobenzene	14.301	180	207823	40.923	ug/L	97
111) Naphthalene	14.595	128	440497	42.800	ug/L	100
112) 1,2,3-Trichlorobenzene	14.763	180	198504	42.255	ug/L	99

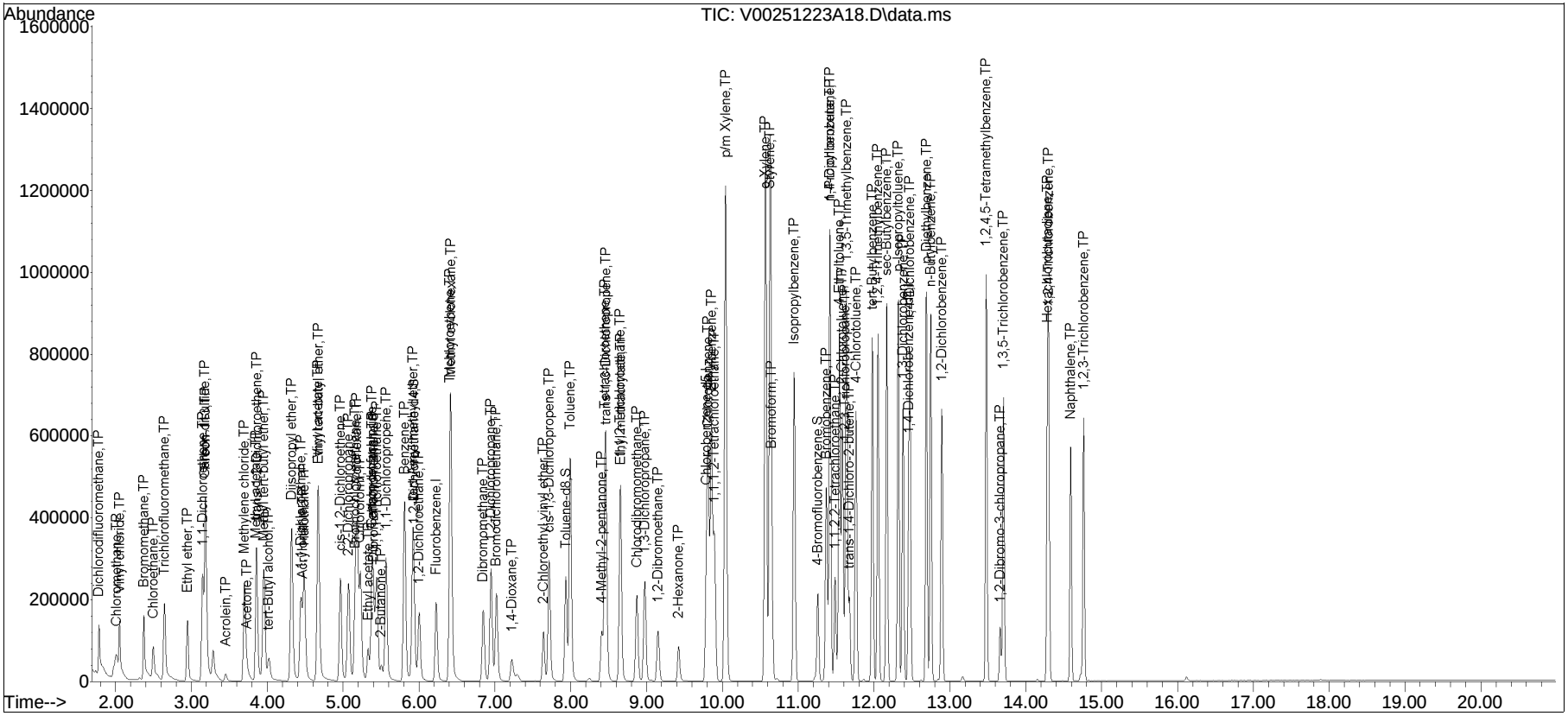
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A18.D
Acq On : 23 Dec 2025 10:35 pm
Operator : VOA100:JIC
Sample : C8260STD40PPB
Misc : WG2158227,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 24 08:03:13 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

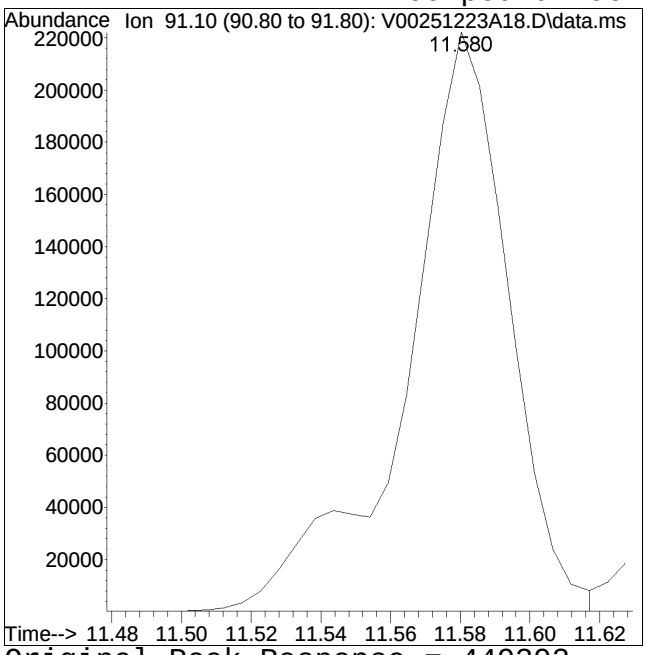
Sub List : 8260-CurveSoil - Megamix plus Diox23A10.D•



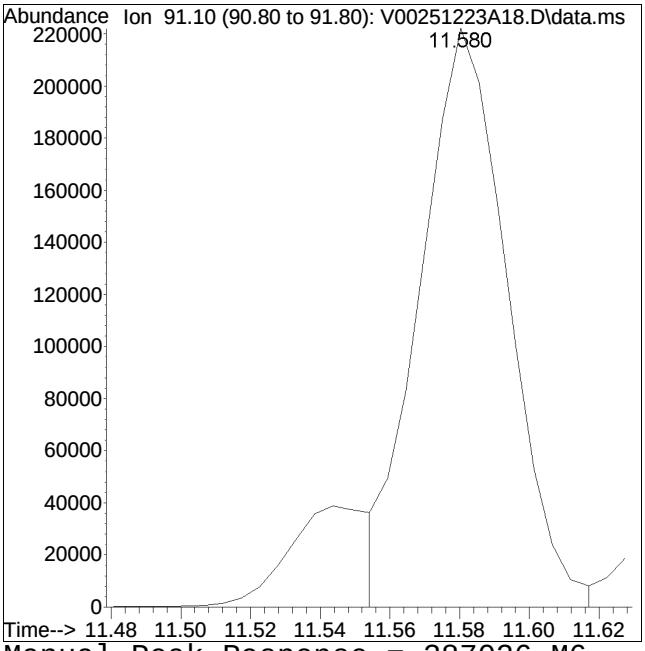
Manual Integration Report

Data Path	: K:\VOA100\2025\251223A\	QMethod	: V100_251223A_8260.m
Data File	: V00251223A18.D	Operator	: VOA100:JIC
Date Inj'd	: 12/23/2025 10:35 pm	Instrument	: VOA100
Sample	: C8260STD40PPB	Quant Date	: 12/24/2025 8:03 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 449392



Manual Peak Response = 387026 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Continuing Calibration

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: VOA100		Calibration Date	: 12/28/25 15:43	
Lab File ID	: V00251228A01		Init. Calib. Date(s)	: 12/23/25	12/23/25
Sample No	: WG2159676-2		Init. Calib. Times	: 16:03	20:24
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	73	0
Dichlorodifluoromethane	0.299	0.267	-	10.7	20	62	0
Chloromethane	0.31	0.35	-	-12.9	20	81	-.01
Vinyl chloride	0.308	0.356	-	-15.6	20	80	0
Bromomethane	0.161	0.226	-	-40.4*	20	100	0
Chloroethane	0.193	0.229	-	-18.7	20	81	0
Trichlorofluoromethane	0.424	0.444	-	-4.7	20	73	0
Ethyl ether	0.152	0.167	-	-9.9	20	78	0
1,1-Dichloroethene	0.25	0.262	-	-4.8	20	71	0
Carbon disulfide	1.013	0.999	-	1.4	20	77	0
Freon-113	0.249	0.266	-	-6.8	20	72	0
Acrolein	0.022	0.024	-	-9.1	20	75	0
Methylene chloride	0.309	0.326	-	-5.5	20	78	0
Acetone	0.139	0.141	-	-1.4	20	78	0
trans-1,2-Dichloroethene	0.286	0.305	-	-6.6	20	74	0
Methyl acetate	0.186	0.194	-	-4.3	20	80	0
Methyl tert-butyl ether	0.8	0.882	-	-10.2	20	78	0
tert-Butyl alcohol	0.03	0.031	-	-3.3	20	74	0
Diisopropyl ether	0.893	1.085	-	-21.5*	20	84	0
1,1-Dichloroethane	0.513	0.566	-	-10.3	20	77	0
Halothane	0.222	0.233	-	-5	20	73	0
Acrylonitrile	0.084	0.098	-	-16.7	20	80	0
Ethyl tert-butyl ether	0.832	0.961	-	-15.5	20	80	0
Vinyl acetate	0.703	0.84	-	-19.5	20	84	0
cis-1,2-Dichloroethene	0.317	0.339	-	-6.9	20	75	0
2,2-Dichloropropane	0.437	0.487	-	-11.4	20	79	0
Bromochloromethane	0.154	0.166	-	-7.8	20	75	0
Cyclohexane	0.458	0.522	-	-14	20	78	0
Chloroform	0.547	0.588	-	-7.5	20	76	0
Ethyl acetate	0.273	0.294	-	-7.7	20	80	0
Carbon tetrachloride	0.43	0.448	-	-4.2	20	72	0
Tetrahydrofuran	0.096	0.104	-	-8.3	20	90	0
Dibromofluoromethane	0.278	0.283	-	-1.8	20	75	0
1,1,1-Trichloroethane	0.442	0.493	-	-11.5	20	75	0
2-Butanone	0.12	0.121	-	-0.8	20	75	0
1,1-Dichloropropene	0.365	0.415	-	-13.7	20	76	0
Benzene	1.058	1.19	-	-12.5	20	77	0
tert-Amyl methyl ether	0.771	0.858	-	-11.3	20	78	.01
1,2-Dichloroethane-d4	0.276	0.278	-	-0.7	20	77	0
1,2-Dichloroethane	0.378	0.415	-	-9.8	20	78	0
Methyl cyclohexane	0.479	0.531	-	-10.9	20	74	0
Trichloroethene	0.292	0.327	-	-12	20	76	.01
Dibromomethane	0.184	0.197	-	-7.1	20	76	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: VOA100		Calibration Date	: 12/28/25 15:43	
Lab File ID	: V00251228A01		Init. Calib. Date(s)	: 12/23/25	12/23/25
Sample No	: WG2159676-2		Init. Calib. Times	: 16:03	20:24
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.284	0.32	-	-12.7	20	78	.01
2-Chloroethyl vinyl ether	0.155	0.114	-	26.5*	20	51	0
Bromodichloromethane	0.414	0.458	-	-10.6	20	77	0
1,4-Dioxane	0.00243	0.00269*	-	-10.7	20	73	-.01
cis-1,3-Dichloropropene	0.474	0.537	-	-13.3	20	78	0
Chlorobenzene-d5	1	1	-	0	20	83	0
Toluene-d8	1.285	1.244	-	3.2	20	80	0
Toluene	0.885	0.862	-	2.6	20	76	0
4-Methyl-2-pentanone	0.112	0.112	-	0	20	75	0
Tetrachloroethene	0.427	0.406	-	4.9	20	72	0
trans-1,3-Dichloropropene	0.54	0.537	-	0.6	20	78	0
Ethyl methacrylate	0.428	0.412	-	3.7	20	75	0
1,1,2-Trichloroethane	0.254	0.249	-	2	20	77	0
Chlorodibromomethane	0.412	0.393	-	4.6	20	74	0
1,3-Dichloropropane	0.52	0.505	-	2.9	20	77	0
1,2-Dibromoethane	0.314	0.305	-	2.9	20	75	0
2-Hexanone	0.227	0.216	-	4.8	20	76	0
Chlorobenzene	1.011	0.978	-	3.3	20	75	0
Ethylbenzene	1.677	1.633	-	2.6	20	76	0
1,1,1,2-Tetrachloroethane	0.382	0.371	-	2.9	20	75	.01
p/m Xylene	0.656	0.639	-	2.6	20	75	0
o Xylene	0.648	0.631	-	2.6	20	76	0
Styrene	1.091	1.077	-	1.3	20	76	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	84	.01
Bromoform	0.506	0.454	-	10.3	20	73	0
Isopropylbenzene	2.938	2.795	-	4.9	20	75	.01
4-Bromofluorobenzene	0.797	0.757	-	5	20	80	0
Bromobenzene	0.813	0.717	-	11.8	20	71	0
n-Propylbenzene	3.345	3.17	-	5.2	20	75	0
1,4-Dichlorobutane	0.923	0.864	-	6.4	20	77	0
1,1,2,2-Tetrachloroethane	0.693	0.646	-	6.8	20	75	0
4-Ethyltoluene	2.884	2.735	-	5.2	20	75	0
2-Chlorotoluene	1.996	1.839	-	7.9	20	75	0
1,3,5-Trimethylbenzene	2.487	2.357	-	5.2	20	75	0
1,2,3-Trichloropropane	0.557	0.498	-	10.6	20	74	0
trans-1,4-Dichloro-2-buten	0.216	0.2	-	7.4	20	74	0
4-Chlorotoluene	2.07	1.95	-	5.8	20	76	0
tert-Butylbenzene	2.16	2.021	-	6.4	20	73	0
1,2,4-Trimethylbenzene	2.461	2.366	-	3.9	20	77	0
sec-Butylbenzene	3.21	3.09	-	3.7	20	75	0
p-Isopropyltoluene	2.771	2.695	-	2.7	20	76	0
1,3-Dichlorobenzene	1.529	1.445	-	5.5	20	76	0
1,4-Dichlorobenzene	1.551	1.472	-	5.1	20	78	.01

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		**Lab Number**	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E EXCAVATION	
Instrument ID	: VOA100		**Calibration Date**	: 12/28/25 15:43	
Lab File ID	: V00251228A01		**Init. Calib. Date(s)**	: 12/23/25	12/23/25
Sample No	: WG2159676-2		**Init. Calib. Times**	: 16:03	20:24
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.676	1.654	-	1.3	20	77	0
n-Butylbenzene	2.466	2.484	-	-0.7	20	79	0
1,2-Dichlorobenzene	1.44	1.365	-	5.2	20	77	0
1,2,4,5-Tetramethylbenzene	2.499	2.493	-	0.2	20	78	0
1,2-Dibromo-3-chloropropan	0.141	0.124	-	12.1	20	71	.01
1,3,5-Trichlorobenzene	1.217	1.189	-	2.3	20	78	0
Hexachlorobutadiene	0.637	0.575	-	9.7	20	71	.01
1,2,4-Trichlorobenzene	1.082	1.049	-	3	20	79	.01
Naphthalene	2.193	2.045	-	6.7	20	76	0
1,2,3-Trichlorobenzene	1.001	0.956	-	4.5	20	77	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: VOA100		Calibration Date	: 12/28/25 15:43	
Lab File ID	: V00251228A01		Init. Calib. Date(s)	: 12/23/25	12/23/25
Sample No	: WG2159678-2		Init. Calib. Times	: 16:03	20:24
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	73	0
Dichlorodifluoromethane	0.299	0.267	-	10.7	20	62	0
Chloromethane	0.31	0.35	-	-12.9	20	81	-.01
Vinyl chloride	0.308	0.356	-	-15.6	20	80	0
Bromomethane	0.161	0.226	-	-40.4*	20	100	0
Chloroethane	0.193	0.229	-	-18.7	20	81	0
Trichlorofluoromethane	0.424	0.444	-	-4.7	20	73	0
Ethyl ether	0.152	0.167	-	-9.9	20	78	0
1,1-Dichloroethene	0.25	0.262	-	-4.8	20	71	0
Carbon disulfide	1.013	0.999	-	1.4	20	77	0
Freon-113	0.249	0.266	-	-6.8	20	72	0
Acrolein	0.022	0.024	-	-9.1	20	75	0
Methylene chloride	0.309	0.326	-	-5.5	20	78	0
Acetone	0.139	0.141	-	-1.4	20	78	0
trans-1,2-Dichloroethene	0.286	0.305	-	-6.6	20	74	0
Methyl acetate	0.186	0.194	-	-4.3	20	80	0
Methyl tert-butyl ether	0.8	0.882	-	-10.2	20	78	0
tert-Butyl alcohol	0.03	0.031	-	-3.3	20	74	0
Diisopropyl ether	0.893	1.085	-	-21.5*	20	84	0
1,1-Dichloroethane	0.513	0.566	-	-10.3	20	77	0
Halothane	0.222	0.233	-	-5	20	73	0
Acrylonitrile	0.084	0.098	-	-16.7	20	80	0
Ethyl tert-butyl ether	0.832	0.961	-	-15.5	20	80	0
Vinyl acetate	0.703	0.84	-	-19.5	20	84	0
cis-1,2-Dichloroethene	0.317	0.339	-	-6.9	20	75	0
2,2-Dichloropropane	0.437	0.487	-	-11.4	20	79	0
Bromochloromethane	0.154	0.166	-	-7.8	20	75	0
Cyclohexane	0.458	0.522	-	-14	20	78	0
Chloroform	0.547	0.588	-	-7.5	20	76	0
Ethyl acetate	0.273	0.294	-	-7.7	20	80	0
Carbon tetrachloride	0.43	0.448	-	-4.2	20	72	0
Tetrahydrofuran	0.096	0.104	-	-8.3	20	90	0
Dibromofluoromethane	0.278	0.283	-	-1.8	20	75	0
1,1,1-Trichloroethane	0.442	0.493	-	-11.5	20	75	0
2-Butanone	0.12	0.121	-	-0.8	20	75	0
1,1-Dichloropropene	0.365	0.415	-	-13.7	20	76	0
Benzene	1.058	1.19	-	-12.5	20	77	0
tert-Amyl methyl ether	0.771	0.858	-	-11.3	20	78	.01
1,2-Dichloroethane-d4	0.276	0.278	-	-0.7	20	77	0
1,2-Dichloroethane	0.378	0.415	-	-9.8	20	78	0
Methyl cyclohexane	0.479	0.531	-	-10.9	20	74	0
Trichloroethene	0.292	0.327	-	-12	20	76	.01
Dibromomethane	0.184	0.197	-	-7.1	20	76	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: VOA100		Calibration Date	: 12/28/25 15:43	
Lab File ID	: V00251228A01		Init. Calib. Date(s)	: 12/23/25	12/23/25
Sample No	: WG2159678-2		Init. Calib. Times	: 16:03	20:24
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.284	0.32	-	-12.7	20	78	.01
2-Chloroethyl vinyl ether	0.155	0.114	-	26.5*	20	51	0
Bromodichloromethane	0.414	0.458	-	-10.6	20	77	0
1,4-Dioxane	0.00243	0.00269*	-	-10.7	20	73	-.01
cis-1,3-Dichloropropene	0.474	0.537	-	-13.3	20	78	0
Chlorobenzene-d5	1	1	-	0	20	83	0
Toluene-d8	1.285	1.244	-	3.2	20	80	0
Toluene	0.885	0.862	-	2.6	20	76	0
4-Methyl-2-pentanone	0.112	0.112	-	0	20	75	0
Tetrachloroethene	0.427	0.406	-	4.9	20	72	0
trans-1,3-Dichloropropene	0.54	0.537	-	0.6	20	78	0
Ethyl methacrylate	0.428	0.412	-	3.7	20	75	0
1,1,2-Trichloroethane	0.254	0.249	-	2	20	77	0
Chlorodibromomethane	0.412	0.393	-	4.6	20	74	0
1,3-Dichloropropane	0.52	0.505	-	2.9	20	77	0
1,2-Dibromoethane	0.314	0.305	-	2.9	20	75	0
2-Hexanone	0.227	0.216	-	4.8	20	76	0
Chlorobenzene	1.011	0.978	-	3.3	20	75	0
Ethylbenzene	1.677	1.633	-	2.6	20	76	0
1,1,1,2-Tetrachloroethane	0.382	0.371	-	2.9	20	75	.01
p/m Xylene	0.656	0.639	-	2.6	20	75	0
o Xylene	0.648	0.631	-	2.6	20	76	0
Styrene	1.091	1.077	-	1.3	20	76	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	84	.01
Bromoform	0.506	0.454	-	10.3	20	73	0
Isopropylbenzene	2.938	2.795	-	4.9	20	75	.01
4-Bromofluorobenzene	0.797	0.757	-	5	20	80	0
Bromobenzene	0.813	0.717	-	11.8	20	71	0
n-Propylbenzene	3.345	3.17	-	5.2	20	75	0
1,4-Dichlorobutane	0.923	0.864	-	6.4	20	77	0
1,1,2,2-Tetrachloroethane	0.693	0.646	-	6.8	20	75	0
4-Ethyltoluene	2.884	2.735	-	5.2	20	75	0
2-Chlorotoluene	1.996	1.839	-	7.9	20	75	0
1,3,5-Trimethylbenzene	2.487	2.357	-	5.2	20	75	0
1,2,3-Trichloropropane	0.557	0.498	-	10.6	20	74	0
trans-1,4-Dichloro-2-buten	0.216	0.2	-	7.4	20	74	0
4-Chlorotoluene	2.07	1.95	-	5.8	20	76	0
tert-Butylbenzene	2.16	2.021	-	6.4	20	73	0
1,2,4-Trimethylbenzene	2.461	2.366	-	3.9	20	77	0
sec-Butylbenzene	3.21	3.09	-	3.7	20	75	0
p-Isopropyltoluene	2.771	2.695	-	2.7	20	76	0
1,3-Dichlorobenzene	1.529	1.445	-	5.5	20	76	0
1,4-Dichlorobenzene	1.551	1.472	-	5.1	20	78	.01

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		**Lab Number**	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E EXCAVATION	
Instrument ID	: VOA100		**Calibration Date**	: 12/28/25 15:43	
Lab File ID	: V00251228A01		**Init. Calib. Date(s)**	: 12/23/25	12/23/25
Sample No	: WG2159678-2		**Init. Calib. Times**	: 16:03	20:24
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.676	1.654	-	1.3	20	77	0
n-Butylbenzene	2.466	2.484	-	-0.7	20	79	0
1,2-Dichlorobenzene	1.44	1.365	-	5.2	20	77	0
1,2,4,5-Tetramethylbenzene	2.499	2.493	-	0.2	20	78	0
1,2-Dibromo-3-chloropropan	0.141	0.124	-	12.1	20	71	.01
1,3,5-Trichlorobenzene	1.217	1.189	-	2.3	20	78	0
Hexachlorobutadiene	0.637	0.575	-	9.7	20	71	.01
1,2,4-Trichlorobenzene	1.082	1.049	-	3	20	79	.01
Naphthalene	2.193	2.045	-	6.7	20	76	0
1,2,3-Trichlorobenzene	1.001	0.956	-	4.5	20	77	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: VOA104		Calibration Date	: 12/29/25 05:17	
Lab File ID	: V04251229A01		Init. Calib. Date(s)	: 11/19/25	11/19/25
Sample No	: WG2159734-2		Init. Calib. Times	: 18:33	23:21
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	123	0
Dichlorodifluoromethane	0.365	0.297	-	18.6	20	103	0
Chloromethane	0.375	0.341	-	9.1	20	115	0
Vinyl chloride	0.368	0.366	-	0.5	20	121	0
Bromomethane	0.206	0.275	-	-33.5*	20	162	0
Chloroethane	0.213	0.206	-	3.3	20	111	0
Trichlorofluoromethane	0.435	0.469	-	-7.8	20	129	0
Ethyl ether	0.136	0.151	-	-11	20	136	0
1,1-Dichloroethene	0.25	0.298	-	-19.2	20	147	0
Carbon disulfide	0.916	1.053	-	-15	20	145	0
Freon-113	0.247	0.302	-	-22.3*	20	142	0
Acrolein	0.026	0.016	-	38.5*	20	80	0
Methylene chloride	0.314	0.324	-	-3.2	20	138	0
Acetone	40	23.78	-	40.5*	20	76	0
trans-1,2-Dichloroethene	0.28	0.316	-	-12.9	20	141	0
Methyl acetate	0.105	0.095	-	9.5	20	111	0
Methyl tert-butyl ether	0.693	0.731	-	-5.5	20	127	0
tert-Butyl alcohol	0.023	0.021	-	8.7	20	108	0
Diisopropyl ether	0.871	0.776	-	10.9	20	107	0
1,1-Dichloroethane	0.524	0.527	-	-0.6	20	122	0
Halothane	0.217	0.232	-	-6.9	20	129	0
Acrylonitrile	0.055	0.051	-	7.3	20	113	0
Ethyl tert-butyl ether	0.813	0.756	-	7	20	110	0
Vinyl acetate	0.503	0.455	-	9.5	20	105	0
cis-1,2-Dichloroethene	0.316	0.327	-	-3.5	20	130	0
2,2-Dichloropropane	0.431	0.454	-	-5.3	20	130	0
Bromochloromethane	0.147	0.134	-	8.8	20	114	0
Cyclohexane	0.426	0.431	-	-1.2	20	124	0
Chloroform	40	40.92	-	-2.3	20	122	0
Ethyl acetate	0.172	0.143	-	16.9	20	101	0
Carbon tetrachloride	0.402	0.396	-	1.5	20	119	0
Tetrahydrofuran	0.063	0.054	-	14.3	20	103	0
Dibromofluoromethane	0.287	0.263	-	8.4	20	113	0
1,1,1-Trichloroethane	0.418	0.435	-	-4.1	20	126	0
2-Butanone	40	28.432	-	28.9*	20	85	0
1,1-Dichloropropene	0.33	0.38	-	-15.2	20	136	0
Benzene	0.982	1.054	-	-7.3	20	127	0
tert-Amyl methyl ether	0.683	0.659	-	3.5	20	118	0
1,2-Dichloroethane-d4	0.255	0.212	-	16.9	20	104	0
1,2-Dichloroethane	0.348	0.287	-	17.5	20	102	0
Methyl cyclohexane	0.411	0.473	-	-15.1	20	138	0
Trichloroethene	0.261	0.293	-	-12.3	20	129	0
Dibromomethane	0.17	0.151	-	11.2	20	113	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: VOA104		Calibration Date	: 12/29/25 05:17	
Lab File ID	: V04251229A01		Init. Calib. Date(s)	: 11/19/25	11/19/25
Sample No	: WG2159734-2		Init. Calib. Times	: 18:33	23:21
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.285	0.263	-	7.7	20	114	0
Bromodichloromethane	0.388	0.372	-	4.1	20	115	0
1,4-Dioxane	2000	2115.681	-	-5.8	20	124	0
cis-1,3-Dichloropropene	0.419	0.439	-	-4.8	20	120	0
Chlorobenzene-d5	1	1	-	0	20	110	0
Toluene-d8	1.286	1.403	-	-9.1	20	119	0
Toluene	0.854	0.94	-	-10.1	20	124	0
4-Methyl-2-pentanone	0.094	0.09	-	4.3	20	103	0
Tetrachloroethene	40	44.258	-	-10.6	20	124	0
trans-1,3-Dichloropropene	0.463	0.511	-	-10.4	20	115	0
Ethyl methacrylate	0.348	0.367	-	-5.5	20	116	0
1,1,2-Trichloroethane	0.253	0.254	-	-0.4	20	118	0
Chlorodibromomethane	0.391	0.375	-	4.1	20	102	0
1,3-Dichloropropane	0.445	0.489	-	-9.9	20	119	0
1,2-Dibromoethane	0.279	0.298	-	-6.8	20	111	0
2-Hexanone	0.159	0.139	-	12.6	20	95	0
Chlorobenzene	0.958	1.04	-	-8.6	20	115	0
Ethylbenzene	1.532	1.8	-	-17.5	20	124	0
1,1,1,2-Tetrachloroethane	0.365	0.358	-	1.9	20	103	0
p/m Xylene	0.582	0.667	-	-14.6	20	121	0
o Xylene	0.59	0.652	-	-10.5	20	116	0
Styrene	0.955	1.025	-	-7.3	20	113	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	102	0
Bromoform	0.472	0.451	-	4.4	20	96	0
Isopropylbenzene	2.881	3.434	-	-19.2	20	120	0
4-Bromofluorobenzene	0.862	0.956	-	-10.9	20	112	0
Bromobenzene	0.805	0.839	-	-4.2	20	105	0
n-Propylbenzene	3.29	4.17	-	-26.7*	20	126	0
1,4-Dichlorobutane	0.855	0.823	-	3.7	20	97	0
1,1,2,2-Tetrachloroethane	0.668	0.716	-	-7.2	20	114	0
4-Ethyltoluene	2.746	3.357	-	-22.3*	20	122	0
2-Chlorotoluene	1.962	2.355	-	-20	20	120	0
1,3,5-Trimethylbenzene	2.371	2.789	-	-17.6	20	117	0
1,2,3-Trichloropropane	0.462	0.486	-	-5.2	20	109	0
trans-1,4-Dichloro-2-buten	0.181	0.153	-	15.5	20	92	0
4-Chlorotoluene	1.991	2.387	-	-19.9	20	121	0
tert-Butylbenzene	2.061	2.333	-	-13.2	20	113	0
1,2,4-Trimethylbenzene	2.389	2.724	-	-14	20	115	0
sec-Butylbenzene	3.02	3.696	-	-22.4*	20	120	0
p-Isopropyltoluene	2.611	3.067	-	-17.5	20	116	0
1,3-Dichlorobenzene	1.417	1.54	-	-8.7	20	109	0
1,4-Dichlorobenzene	1.473	1.559	-	-5.8	20	110	0
p-Diethylbenzene	1.564	1.85	-	-18.3	20	119	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		**Lab Number**	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E EXCAVATION	
Instrument ID	: VOA104		**Calibration Date**	: 12/29/25 05:17	
Lab File ID	: V04251229A01		**Init. Calib. Date(s)**	: 11/19/25	11/19/25
Sample No	: WG2159734-2		**Init. Calib. Times**	: 18:33	23:21
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	2.329	3	-	-28.8*	20	128	0
1,2-Dichlorobenzene	1.361	1.417	-	-4.1	20	105	0
1,2,4,5-Tetramethylbenzene	2.428	2.836	-	-16.8	20	116	0
1,2-Dibromo-3-chloropropan	0.109	0.105	-	3.7	20	96	0
1,3,5-Trichlorobenzene	1.086	1.311	-	-20.7*	20	120	0
Hexachlorobutadiene	0.553	0.725	-	-31.1*	20	127	0
1,2,4-Trichlorobenzene	0.897	1.072	-	-19.5	20	118	0
Naphthalene	1.621	1.722	-	-6.2	20	109	0
1,2,3-Trichlorobenzene	0.758	0.835	-	-10.2	20	110	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: VOA104		Calibration Date	: 12/29/25 05:17	
Lab File ID	: V04251229A01		Init. Calib. Date(s)	: 11/19/25	11/19/25
Sample No	: WG2160213-2		Init. Calib. Times	: 18:33	23:21
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	123	0
Dichlorodifluoromethane	0.365	0.297	-	18.6	20	103	0
Chloromethane	0.375	0.341	-	9.1	20	115	0
Vinyl chloride	0.368	0.366	-	0.5	20	121	0
Bromomethane	0.206	0.275	-	-33.5*	20	162	0
Chloroethane	0.213	0.206	-	3.3	20	111	0
Trichlorofluoromethane	0.435	0.469	-	-7.8	20	129	0
Ethyl ether	0.136	0.151	-	-11	20	136	0
1,1-Dichloroethene	0.25	0.298	-	-19.2	20	147	0
Carbon disulfide	0.916	1.053	-	-15	20	145	0
Freon-113	0.247	0.302	-	-22.3*	20	142	0
Acrolein	0.026	0.016	-	38.5*	20	80	0
Methylene chloride	0.314	0.324	-	-3.2	20	138	0
Acetone	40	23.78	-	40.5*	20	76	0
trans-1,2-Dichloroethene	0.28	0.316	-	-12.9	20	141	0
Methyl acetate	0.105	0.095	-	9.5	20	111	0
Methyl tert-butyl ether	0.693	0.731	-	-5.5	20	127	0
tert-Butyl alcohol	0.023	0.021	-	8.7	20	108	0
Diisopropyl ether	0.871	0.776	-	10.9	20	107	0
1,1-Dichloroethane	0.524	0.527	-	-0.6	20	122	0
Halothane	0.217	0.232	-	-6.9	20	129	0
Acrylonitrile	0.055	0.051	-	7.3	20	113	0
Ethyl tert-butyl ether	0.813	0.756	-	7	20	110	0
Vinyl acetate	0.503	0.455	-	9.5	20	105	0
cis-1,2-Dichloroethene	0.316	0.327	-	-3.5	20	130	0
2,2-Dichloropropane	0.431	0.454	-	-5.3	20	130	0
Bromochloromethane	0.147	0.134	-	8.8	20	114	0
Cyclohexane	0.426	0.431	-	-1.2	20	124	0
Chloroform	40	40.92	-	-2.3	20	122	0
Ethyl acetate	0.172	0.143	-	16.9	20	101	0
Carbon tetrachloride	0.402	0.396	-	1.5	20	119	0
Tetrahydrofuran	0.063	0.054	-	14.3	20	103	0
Dibromofluoromethane	0.287	0.263	-	8.4	20	113	0
1,1,1-Trichloroethane	0.418	0.435	-	-4.1	20	126	0
2-Butanone	40	28.432	-	28.9*	20	85	0
1,1-Dichloropropene	0.33	0.38	-	-15.2	20	136	0
Benzene	0.982	1.054	-	-7.3	20	127	0
tert-Amyl methyl ether	0.683	0.659	-	3.5	20	118	0
1,2-Dichloroethane-d4	0.255	0.212	-	16.9	20	104	0
1,2-Dichloroethane	0.348	0.287	-	17.5	20	102	0
Methyl cyclohexane	0.411	0.473	-	-15.1	20	138	0
Trichloroethene	0.261	0.293	-	-12.3	20	129	0
Dibromomethane	0.17	0.151	-	11.2	20	113	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: VOA104		Calibration Date	: 12/29/25 05:17	
Lab File ID	: V04251229A01		Init. Calib. Date(s)	: 11/19/25	11/19/25
Sample No	: WG2160213-2		Init. Calib. Times	: 18:33	23:21
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.285	0.263	-	7.7	20	114	0
Bromodichloromethane	0.388	0.372	-	4.1	20	115	0
1,4-Dioxane	2000	2115.681	-	-5.8	20	124	0
cis-1,3-Dichloropropene	0.419	0.439	-	-4.8	20	120	0
Chlorobenzene-d5	1	1	-	0	20	110	0
Toluene-d8	1.286	1.403	-	-9.1	20	119	0
Toluene	0.854	0.94	-	-10.1	20	124	0
4-Methyl-2-pentanone	0.094	0.09	-	4.3	20	103	0
Tetrachloroethene	40	44.258	-	-10.6	20	124	0
trans-1,3-Dichloropropene	0.463	0.511	-	-10.4	20	115	0
Ethyl methacrylate	0.348	0.367	-	-5.5	20	116	0
1,1,2-Trichloroethane	0.253	0.254	-	-0.4	20	118	0
Chlorodibromomethane	0.391	0.375	-	4.1	20	102	0
1,3-Dichloropropane	0.445	0.489	-	-9.9	20	119	0
1,2-Dibromoethane	0.279	0.298	-	-6.8	20	111	0
2-Hexanone	0.159	0.139	-	12.6	20	95	0
Chlorobenzene	0.958	1.04	-	-8.6	20	115	0
Ethylbenzene	1.532	1.8	-	-17.5	20	124	0
1,1,1,2-Tetrachloroethane	0.365	0.358	-	1.9	20	103	0
p/m Xylene	0.582	0.667	-	-14.6	20	121	0
o Xylene	0.59	0.652	-	-10.5	20	116	0
Styrene	0.955	1.025	-	-7.3	20	113	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	102	0
Bromoform	0.472	0.451	-	4.4	20	96	0
Isopropylbenzene	2.881	3.434	-	-19.2	20	120	0
4-Bromofluorobenzene	0.862	0.956	-	-10.9	20	112	0
Bromobenzene	0.805	0.839	-	-4.2	20	105	0
n-Propylbenzene	3.29	4.17	-	-26.7*	20	126	0
1,4-Dichlorobutane	0.855	0.823	-	3.7	20	97	0
1,1,2,2-Tetrachloroethane	0.668	0.716	-	-7.2	20	114	0
4-Ethyltoluene	2.746	3.357	-	-22.3*	20	122	0
2-Chlorotoluene	1.962	2.355	-	-20	20	120	0
1,3,5-Trimethylbenzene	2.371	2.789	-	-17.6	20	117	0
1,2,3-Trichloropropane	0.462	0.486	-	-5.2	20	109	0
trans-1,4-Dichloro-2-buten	0.181	0.153	-	15.5	20	92	0
4-Chlorotoluene	1.991	2.387	-	-19.9	20	121	0
tert-Butylbenzene	2.061	2.333	-	-13.2	20	113	0
1,2,4-Trimethylbenzene	2.389	2.724	-	-14	20	115	0
sec-Butylbenzene	3.02	3.696	-	-22.4*	20	120	0
p-Isopropyltoluene	2.611	3.067	-	-17.5	20	116	0
1,3-Dichlorobenzene	1.417	1.54	-	-8.7	20	109	0
1,4-Dichlorobenzene	1.473	1.559	-	-5.8	20	110	0
p-Diethylbenzene	1.564	1.85	-	-18.3	20	119	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		**Lab Number**	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E EXCAVATION	
Instrument ID	: VOA104		**Calibration Date**	: 12/29/25 05:17	
Lab File ID	: V04251229A01		**Init. Calib. Date(s)**	: 11/19/25	11/19/25
Sample No	: WG2160213-2		**Init. Calib. Times**	: 18:33	23:21
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	2.329	3	-	-28.8*	20	128	0
1,2-Dichlorobenzene	1.361	1.417	-	-4.1	20	105	0
1,2,4,5-Tetramethylbenzene	2.428	2.836	-	-16.8	20	116	0
1,2-Dibromo-3-chloropropan	0.109	0.105	-	3.7	20	96	0
1,3,5-Trichlorobenzene	1.086	1.311	-	-20.7*	20	120	0
Hexachlorobutadiene	0.553	0.725	-	-31.1*	20	127	0
1,2,4-Trichlorobenzene	0.897	1.072	-	-19.5	20	118	0
Naphthalene	1.621	1.722	-	-6.2	20	109	0
1,2,3-Trichlorobenzene	0.758	0.835	-	-10.2	20	110	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: VOA123		Calibration Date	: 12/31/25 06:52	
Lab File ID	: V23251231A01		Init. Calib. Date(s)	: 11/03/25	11/04/25
Sample No	: WG2160756-2		Init. Calib. Times	: 20:17	00:11
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	66	0
Dichlorodifluoromethane	0.22	0.198	-	10	20	58	0
Chloromethane	0.24	0.249	-	-3.8	20	67	0
Vinyl chloride	0.26	0.201	-	22.7*	20	49	0
Bromomethane	0.166	0.156	-	6	20	63	0
Chloroethane	0.18	0.123	-	31.7*	20	45	0
Trichlorofluoromethane	0.393	0.372	-	5.3	20	61	0
Ethyl ether	0.132	0.137	-	-3.8	20	66	0
1,1-Dichloroethene	0.208	0.212	-	-1.9	20	66	0
Carbon disulfide	0.767	0.722	-	5.9	20	65	0
Freon-113	0.211	0.229	-	-8.5	20	70	0
Acrolein	0.026	0.019	-	26.9*	20	47	0
Methylene chloride	0.27	0.268	-	0.7	20	66	0
Acetone	40	60.586	-	-51.5*	20	95	0
trans-1,2-Dichloroethene	0.243	0.255	-	-4.9	20	66	0
Methyl acetate	0.104	0.135	-	-29.8*	20	83	0
Methyl tert-butyl ether	0.694	0.751	-	-8.2	20	70	0
tert-Butyl alcohol	0.019	0.021	-	-10.5	20	66	-.01
Diisopropyl ether	0.75	0.916	-	-22.1*	20	79	0
1,1-Dichloroethane	0.447	0.502	-	-12.3	20	71	0
Halothane	0.181	0.191	-	-5.5	20	67	0
Acrylonitrile	0.054	0.07	-	-29.6*	20	84	0
Ethyl tert-butyl ether	0.76	0.881	-	-15.9	20	74	0
Vinyl acetate	0.517	0.594	-	-14.9	20	73	0
cis-1,2-Dichloroethene	0.279	0.281	-	-0.7	20	64	0
2,2-Dichloropropane	0.368	0.422	-	-14.7	20	73	0
Bromochloromethane	0.125	0.132	-	-5.6	20	66	0
Cyclohexane	0.373	0.437	-	-17.2	20	76	0
Chloroform	0.547	0.506	-	7.5	20	68	0
Ethyl acetate	0.175	0.199	-	-13.7	20	74	0
Carbon tetrachloride	0.355	0.408	-	-14.9	20	74	0
Tetrahydrofuran	0.055	0.061	-	-10.9	20	74	0
Dibromofluoromethane	0.252	0.267	-	-6	20	69	0
1,1,1-Trichloroethane	0.378	0.454	-	-20.1*	20	74	0
2-Butanone	0.076	0.078	-	-2.6	20	73	0
1,1-Dichloropropene	0.295	0.34	-	-15.3	20	72	0
Benzene	0.932	0.968	-	-3.9	20	65	0
tert-Amyl methyl ether	0.674	0.697	-	-3.4	20	66	0
1,2-Dichloroethane-d4	0.258	0.282	-	-9.3	20	73	0
1,2-Dichloroethane	0.34	0.392	-	-15.3	20	74	0
Methyl cyclohexane	0.403	0.409	-	-1.5	20	65	0
Trichloroethene	0.256	0.276	-	-7.8	20	67	0
Dibromomethane	0.152	0.154	-	-1.3	20	64	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: VOA123		Calibration Date	: 12/31/25 06:52	
Lab File ID	: V23251231A01		Init. Calib. Date(s)	: 11/03/25	11/04/25
Sample No	: WG2160756-2		Init. Calib. Times	: 20:17	00:11
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.257	0.274	-	-6.6	20	68	0
Bromodichloromethane	0.36	0.393	-	-9.2	20	67	0
1,4-Dioxane	0.00149	0.0015*	-	-0.7	20	61	0
cis-1,3-Dichloropropene	0.396	0.421	-	-6.3	20	64	0
Chlorobenzene-d5	1	1	-	0	20	68	0
Toluene-d8	1.353	1.3	-	3.9	20	66	0
Toluene	0.85	0.837	-	1.5	20	65	0
4-Methyl-2-pentanone	0.091	0.096	-	-5.5	20	66	0
Tetrachloroethene	0.366	0.411	-	-12.3	20	71	0
trans-1,3-Dichloropropene	0.479	0.507	-	-5.8	20	66	0
Ethyl methacrylate	0.361	0.345	-	4.4	20	60	0
1,1,2-Trichloroethane	0.244	0.239	-	2	20	64	0
Chlorodibromomethane	0.351	0.384	-	-9.4	20	68	0
1,3-Dichloropropane	0.482	0.48	-	0.4	20	65	0
1,2-Dibromoethane	0.271	0.281	-	-3.7	20	64	0
2-Hexanone	0.162	0.145	-	10.5	20	62	0
Chlorobenzene	0.972	0.961	-	1.1	20	64	0
Ethylbenzene	1.683	1.656	-	1.6	20	66	0
1,1,1,2-Tetrachloroethane	0.355	0.384	-	-8.2	20	67	0
p/m Xylene	0.629	0.627	-	0.3	20	64	0
o Xylene	0.635	0.614	-	3.3	20	62	0
Styrene	1.07	1.014	-	5.2	20	60	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	71	0
Bromoform	0.434	0.433	-	0.2	20	68	0
Isopropylbenzene	2.998	2.897	-	3.4	20	66	0
4-Bromofluorobenzene	0.894	0.836	-	6.5	20	66	0
Bromobenzene	0.808	0.751	-	7.1	20	63	0
n-Propylbenzene	3.569	3.338	-	6.5	20	64	0
1,4-Dichlorobutane	0.911	0.906	-	0.5	20	69	0
1,1,2,2-Tetrachloroethane	0.66	0.595	-	9.8	20	61	0
4-Ethyltoluene	2.97	2.853	-	3.9	20	65	0
2-Chlorotoluene	2.229	2.08	-	6.7	20	64	0
1,3,5-Trimethylbenzene	2.635	2.495	-	5.3	20	64	0
1,2,3-Trichloropropane	0.522	0.469	-	10.2	20	63	0
trans-1,4-Dichloro-2-buten	0.184	0.163	-	11.4	20	61	0
4-Chlorotoluene	2.265	2.12	-	6.4	20	64	0
tert-Butylbenzene	2.206	2.108	-	4.4	20	65	0
1,2,4-Trimethylbenzene	2.619	2.494	-	4.8	20	65	0
sec-Butylbenzene	3.3	3.104	-	5.9	20	64	0
p-Isopropyltoluene	2.858	2.759	-	3.5	20	65	0
1,3-Dichlorobenzene	1.528	1.476	-	3.4	20	65	0
1,4-Dichlorobenzene	1.565	1.482	-	5.3	20	65	0
p-Diethylbenzene	1.692	1.663	-	1.7	20	66	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		**Lab Number**	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E EXCAVATION	
Instrument ID	: VOA123		**Calibration Date**	: 12/31/25 06:52	
Lab File ID	: V23251231A01		**Init. Calib. Date(s)**	: 11/03/25	11/04/25
Sample No	: WG2160756-2		**Init. Calib. Times**	: 20:17	00:11
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	2.564	2.538	-	1	20	66	0
1,2-Dichlorobenzene	1.432	1.388	-	3.1	20	65	0
1,2,4,5-Tetramethylbenzene	2.755	2.744	-	0.4	20	67	0
1,2-Dibromo-3-chloropropan	0.101	0.098	-	3	20	67	0
1,3,5-Trichlorobenzene	1.176	1.264	-	-7.5	20	73	0
Hexachlorobutadiene	0.586	0.647	-	-10.4	20	75	0
1,2,4-Trichlorobenzene	1.032	1.105	-	-7.1	20	71	0
Naphthalene	1.978	1.888	-	4.6	20	65	0
1,2,3-Trichlorobenzene	0.884	0.959	-	-8.5	20	71	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A01.D
Acq On : 28 Dec 2025 03:43 pm
Operator : VOA100:RAW
Sample : WG2159676-2
Misc : WG2159676,ICAL22914
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 16:21:23 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	73	0.00
2	TP	Dichlorodifluoromethane	0.299	0.267	10.7	62	0.00
3	TP	Chloromethane	0.310	0.350	-12.9	81	-0.01
4	TP	Vinyl chloride	0.308	0.356	-15.6	80	0.00
5	TP	Bromomethane	0.161	0.226	-40.4#	100	0.00
6	TP	Chloroethane	0.193	0.229	-18.7	81	0.00
7	TP	Trichlorofluoromethane	0.424	0.444	-4.7	73	0.00
8	TP	Ethyl ether	0.152	0.167	-9.9	78	0.00
10	TP	1,1-Dichloroethene	0.250	0.262	-4.8	71	0.00
11	TP	Carbon disulfide	1.013	0.999	1.4	77	0.00
12	TP	Freon-113	0.249	0.266	-6.8	72	0.00
14	TP	Acrolein	0.022	0.024	-9.1	75	0.00
15	TP	Methylene chloride	0.309	0.326	-5.5	78	0.00
17	TP	Acetone	0.139	0.141	-1.4	78	0.00
18	TP	trans-1,2-Dichloroethene	0.286	0.305	-6.6	74	0.00
19	TP	Methyl acetate	0.186	0.194	-4.3	80	0.00
20	TP	Methyl tert-butyl ether	0.800	0.882	-10.2	78	0.00
21	TP	tert-Butyl alcohol	0.030	0.031	-3.3	74	0.00
22	TP	Diisopropyl ether	0.893	1.085	-21.5#	84	0.00
23	TP	1,1-Dichloroethane	0.513	0.566	-10.3	77	0.00
24	TP	Halothane	0.222	0.233	-5.0	73	0.00
25	TP	Acrylonitrile	0.084	0.098	-16.7	80	0.00
26	TP	Ethyl tert-butyl ether	0.832	0.961	-15.5	80	0.00
27	TP	Vinyl acetate	0.703	0.840	-19.5	84	0.00
28	TP	cis-1,2-Dichloroethene	0.317	0.339	-6.9	75	0.00
29	TP	2,2-Dichloropropane	0.437	0.487	-11.4	79	0.00
31	TP	Bromochloromethane	0.154	0.166	-7.8	75	0.00
32	TP	Cyclohexane	0.458	0.522	-14.0	78	0.00
33	TP	Chloroform	0.547	0.588	-7.5	76	0.00
34	TP	Ethyl acetate	0.273	0.294	-7.7	80	0.00
35	TP	Carbon tetrachloride	0.430	0.448	-4.2	72	0.00
36	TP	Tetrahydrofuran	0.096	0.104	-8.3	90	0.00
37	S	Dibromofluoromethane	0.278	0.283	-1.8	75	0.00
38	TP	1,1,1-Trichloroethane	0.442	0.493	-11.5	75	0.00
40	TP	2-Butanone	0.120	0.121	-0.8	75	0.00
41	TP	1,1-Dichloropropene	0.365	0.415	-13.7	76	0.00
42	TP	Benzene	1.058	1.190	-12.5	77	0.00
43	TP	tert-Amyl methyl ether	0.771	0.858	-11.3	78	0.01
44	S	1,2-Dichloroethane-d4	0.276	0.278	-0.7	77	0.00

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A01.D
Acq On : 28 Dec 2025 03:43 pm
Operator : VOA100:RAW
Sample : WG2159676-2
Misc : WG2159676,ICAL22914
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 16:21:23 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	TP	1,2-Dichloroethane	0.378	0.415	-9.8	78	0.00
48	TP	Methyl cyclohexane	0.479	0.531	-10.9	74	0.00
49	TP	Trichloroethene	0.292	0.327	-12.0	76	0.01
51	TP	Dibromomethane	0.184	0.197	-7.1	76	0.00
52	TP	1,2-Dichloropropane	0.284	0.320	-12.7	78	0.01
54	TP	2-Chloroethyl vinyl ether	0.155	0.114	26.5#	51	0.00
55	TP	Bromodichloromethane	0.414	0.458	-10.6	77	0.00
58	TP	1,4-Dioxane	0.00243	0.00269#	-10.7	73	-0.01
59	TP	cis-1,3-Dichloropropene	0.474	0.537	-13.3	78	0.00
60	I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
61	S	Toluene-d8	1.285	1.244	3.2	80	0.00
62	TP	Toluene	0.885	0.862	2.6	76	0.00
63	TP	4-Methyl-2-pentanone	0.112	0.112	0.0	75	0.00
64	TP	Tetrachloroethene	0.427	0.406	4.9	72	0.00
66	TP	trans-1,3-Dichloropropene	0.540	0.537	0.6	78	0.00
68	TP	Ethyl methacrylate	0.428	0.412	3.7	75	0.00
69	TP	1,1,2-Trichloroethane	0.254	0.249	2.0	77	0.00
70	TP	Chlorodibromomethane	0.412	0.393	4.6	74	0.00
71	TP	1,3-Dichloropropane	0.520	0.505	2.9	77	0.00
72	TP	1,2-Dibromoethane	0.314	0.305	2.9	75	0.00
73	TP	2-Hexanone	0.227	0.216	4.8	76	0.00
74	TP	Chlorobenzene	1.011	0.978	3.3	75	0.00
75	TP	Ethylbenzene	1.677	1.633	2.6	76	0.00
76	TP	1,1,1,2-Tetrachloroethane	0.382	0.371	2.9	75	0.01
77	TP	p/m Xylene	0.656	0.639	2.6	75	0.00
78	TP	o Xylene	0.648	0.631	2.6	76	0.00
79	TP	Styrene	1.091	1.077	1.3	76	0.00
80	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.01
81	TP	Bromoform	0.506	0.454	10.3	73	0.00
83	TP	Isopropylbenzene	2.938	2.795	4.9	75	0.01
84	S	4-Bromofluorobenzene	0.797	0.757	5.0	80	0.00
85	TP	Bromobenzene	0.813	0.717	11.8	71	0.00
86	TP	n-Propylbenzene	3.345	3.170	5.2	75	0.00
87	TP	1,4-Dichlorobutane	0.923	0.864	6.4	77	0.00
88	TP	1,1,2,2-Tetrachloroethane	0.693	0.646	6.8	75	0.00
89	TP	4-Ethyltoluene	2.884	2.735	5.2	75	0.00
90	TP	2-Chlorotoluene	1.996	1.839	7.9	75	0.00

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A01.D
Acq On : 28 Dec 2025 03:43 pm
Operator : VOA100:RAW
Sample : WG2159676-2
Misc : WG2159676,ICAL22914
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 16:21:23 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 TP	1,3,5-Trimethylbenzene	2.487	2.357	5.2	75	0.00
92 TP	1,2,3-Trichloropropane	0.557	0.498	10.6	74	0.00
93 TP	trans-1,4-Dichloro-2-butene	0.216	0.200	7.4	74	0.00
94 TP	4-Chlorotoluene	2.070	1.950	5.8	76	0.00
95 TP	tert-Butylbenzene	2.160	2.021	6.4	73	0.00
98 TP	1,2,4-Trimethylbenzene	2.461	2.366	3.9	77	0.00
99 TP	sec-Butylbenzene	3.210	3.090	3.7	75	0.00
100 TP	p-Isopropyltoluene	2.771	2.695	2.7	76	0.00
101 TP	1,3-Dichlorobenzene	1.529	1.445	5.5	76	0.00
102 TP	1,4-Dichlorobenzene	1.551	1.472	5.1	78	0.01
103 TP	p-Diethylbenzene	1.676	1.654	1.3	77	0.00
104 TP	n-Butylbenzene	2.466	2.484	-0.7	79	0.00
105 TP	1,2-Dichlorobenzene	1.440	1.365	5.2	77	0.00
106 TP	1,2,4,5-Tetramethylbenzene	2.499	2.493	0.2	78	0.00
107 TP	1,2-Dibromo-3-chloropropane	0.141	0.124	12.1	71	0.01
108 TP	1,3,5-Trichlorobenzene	1.217	1.189	2.3	78	0.00
109 TP	Hexachlorobutadiene	0.637	0.575	9.7	71	0.01
110 TP	1,2,4-Trichlorobenzene	1.082	1.049	3.0	79	0.01
111 TP	Naphthalene	2.193	2.045	6.7	76	0.00
112 TP	1,2,3-Trichlorobenzene	1.001	0.956	4.5	77	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 1 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A01.D
Acq On : 28 Dec 2025 03:43 pm
Operator : VOA100:RAW
Sample : WG2159676-2
Misc : WG2159676,ICAL22914
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 16:21:23 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.232	96	159908	20.000	ug/L	0.00
Standard Area 1 = 159908			Recovery = 100.00%			
60) Chlorobenzene-d5	9.798	117	142938	20.000	ug/L	0.00
Standard Area 1 = 142938			Recovery = 100.00%			
80) 1,4-Dichlorobenzene-d4	12.466	152	85973	20.000	ug/L	0.01
Standard Area 1 = 85973			Recovery = 100.00%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	45261	20.375	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.88%			
44) 1,2-Dichloroethane-d4	5.939	65	44442	20.131	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.66%			
61) Toluene-d8	7.942	98	177756	19.352	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.76%			
84) 4-Bromofluorobenzene	11.266	95	65055	18.987	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.93%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.781	85	85277	35.717	ug/L #	81
3) Chloromethane	2.001	50	112092	45.153	ug/L	96
4) Vinyl chloride	2.054	62	113922	46.273	ug/L	86
5) Bromomethane	2.379	94	72406	56.335	ug/L	100
6) Chloroethane	2.505	64	73158	47.481	ug/L	86
7) Trichlorofluoromethane	2.646	101	142099	41.924	ug/L	99
8) Ethyl ether	2.950	74	53567	44.207	ug/L	88
10) 1,1-Dichloroethene	3.150	96	83820	42.003	ug/L	90
11) Carbon disulfide	3.186	76	319616	39.477	ug/L	99
12) Freon-113	3.192	101	85038	42.770	ug/L	95
14) Acrolein	3.454	56	7624	43.892	ug/L	98
15) Methylene chloride	3.705	84	104114	42.132	ug/L	80
17) Acetone	3.726	43	45221	40.667	ug/L	90
18) trans-1,2-Dichloroethene	3.863	96	97475	42.564	ug/L	98
19) Methyl acetate	3.852	43	62082	41.801	ug/L #	81
20) Methyl tert-butyl ether	3.957	73	282158	44.113	ug/L	93
21) tert-Butyl alcohol	4.025	59	49824	205.740	ug/L #	83
22) Diisopropyl ether	4.324	45	347126	48.643	ug/L	93
23) 1,1-Dichloroethane	4.445	63	180958	44.101	ug/L	99
24) Halothane	4.487	117	74667	42.076	ug/L	98
25) Acrylonitrile	4.471	53	31405	46.882	ug/L	93

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A01.D
Acq On : 28 Dec 2025 03:43 pm
Operator : VOA100:RAW
Sample : WG2159676-2
Misc : WG2159676,ICAL22914
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 16:21:23 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	307215	46.209	ug/L	#	75
27) Vinyl acetate	4.675	43	268557	47.786	ug/L	#	91
28) cis-1,2-Dichloroethene	4.969	96	108522	42.760	ug/L		97
29) 2,2-Dichloropropane	5.074	77	155764	44.542	ug/L		86
31) Bromochloromethane	5.163	128	53103	43.150	ug/L		88
32) Cyclohexane	5.189	56	166937	45.584	ug/L		93
33) Chloroform	5.231	83	187945	42.940	ug/L		97
34) Ethyl acetate	5.336	43	93907	42.991	ug/L	#	89
35) Carbon tetrachloride	5.388	117	143343	41.738	ug/L		99
36) Tetrahydrofuran	5.383	42	33128M1	43.363	ug/L		
38) 1,1,1-Trichloroethane	5.446	97	157825	44.661	ug/L		98
40) 2-Butanone	5.509	43	38722	40.484	ug/L		95
41) 1,1-Dichloropropene	5.572	75	132627	45.503	ug/L		98
42) Benzene	5.813	78	380723	45.007	ug/L		97
43) tert-Amyl methyl ether	5.928	73	274457	44.506	ug/L		96
45) 1,2-Dichloroethane	6.007	62	132594	43.848	ug/L		100
48) Methyl cyclohexane	6.421	83	169857	44.316	ug/L		93
49) Trichloroethene	6.421	95	104458	44.727	ug/L		94
51) Dibromomethane	6.851	93	63051	42.762	ug/L		94
52) 1,2-Dichloropropane	6.956	63	102491	45.196	ug/L		99
54) 2-Chloroethyl vinyl ether	7.648	63	36524	29.505	ug/L	#	100
55) Bromodichloromethane	7.029	83	146353	44.229	ug/L		100
58) 1,4-Dioxane	7.229	88	42944	2213.789	ug/L	#	94
59) cis-1,3-Dichloropropene	7.721	75	171885	45.308	ug/L	#	83
62) Toluene	7.999	92	246497	38.967	ug/L		95
63) 4-Methyl-2-pentanone	8.414	58	31878	39.684	ug/L	#	50
64) Tetrachloroethene	8.461	166	116086	38.032	ug/L		93
66) trans-1,3-Dichloropropene	8.471	75	153547	39.757	ug/L		88
68) Ethyl methacrylate	8.665	69	117863	38.529	ug/L		91
69) 1,1,2-Trichloroethane	8.660	83	71190	39.201	ug/L		99
70) Chlorodibromomethane	8.880	129	112464	38.225	ug/L		99
71) 1,3-Dichloropropane	8.985	76	144316	38.839	ug/L		99
72) 1,2-Dibromoethane	9.158	107	87110	38.783	ug/L		98
73) 2-Hexanone	9.431	43	61797	38.071	ug/L	#	79
74) Chlorobenzene	9.819	112	279627	38.686	ug/L		98
75) Ethylbenzene	9.861	91	466789	38.949	ug/L		99
76) 1,1,1,2-Tetrachloroethane	9.903	131	106143	38.873	ug/L		100
77) p/m Xylene	10.049	106	365495	77.977	ug/L		99
78) o Xylene	10.574	106	360800	77.880	ug/L		98
79) Styrene	10.637	104	615568	78.966	ug/L		98

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A01.D
Acq On : 28 Dec 2025 03:43 pm
Operator : VOA100:RAW
Sample : WG2159676-2
Misc : WG2159676,ICAL22914
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 16:21:23 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.658	173	78104	35.874	ug/L	99
83) Isopropylbenzene	10.956	105	480668	38.066	ug/L	99
85) Bromobenzene	11.376	156	123340	35.293	ug/L	100
86) n-Propylbenzene	11.423	91	545052	37.906	ug/L	97
87) 1,4-Dichlorobutane	11.423	55	148511	37.427	ug/L	99
88) 1,1,2,2-Tetrachloroethane	11.491	83	111014	37.282	ug/L	97
89) 4-Ethyltoluene	11.549	105	470220	37.928	ug/L	98
90) 2-Chlorotoluene	11.586	91	316144M6	36.854	ug/L	
91) 1,3,5-Trimethylbenzene	11.643	105	405324	37.907	ug/L	98
92) 1,2,3-Trichloropropane	11.633	75	85637	35.761	ug/L	97
93) trans-1,4-Dichloro-2-b...	11.680	53	34389	37.075	ug/L	99
94) 4-Chlorotoluene	11.769	91	335274	37.678	ug/L	97
95) tert-Butylbenzene	11.984	119	347468	37.414	ug/L	96
98) 1,2,4-Trimethylbenzene	12.057	105	406757	38.451	ug/L	99
99) sec-Butylbenzene	12.173	105	531342	38.511	ug/L	100
100) p-Isopropyltoluene	12.325	119	463344	38.896	ug/L	99
101) 1,3-Dichlorobenzene	12.388	146	248515	37.820	ug/L	98
102) 1,4-Dichlorobenzene	12.482	146	253156	37.982	ug/L	98
103) p-Diethylbenzene	12.697	119	284406	39.474	ug/L	98
104) n-Butylbenzene	12.755	91	427148	40.294	ug/L	99
105) 1,2-Dichlorobenzene	12.902	146	234685	37.907	ug/L	98
106) 1,2,4,5-Tetramethylben...	13.489	119	428678	39.905	ug/L	99
107) 1,2-Dibromo-3-chloropr...	13.672	155	21356	35.144	ug/L	91
108) 1,3,5-Trichlorobenzene	13.714	180	204477	39.091	ug/L	97
109) Hexachlorobutadiene	14.296	225	98862	36.127	ug/L	98
110) 1,2,4-Trichlorobenzene	14.312	180	180327	38.760	ug/L	98
111) Naphthalene	14.600	128	351655	37.297	ug/L	100
112) 1,2,3-Trichlorobenzene	14.768	180	164303	38.177	ug/L	99

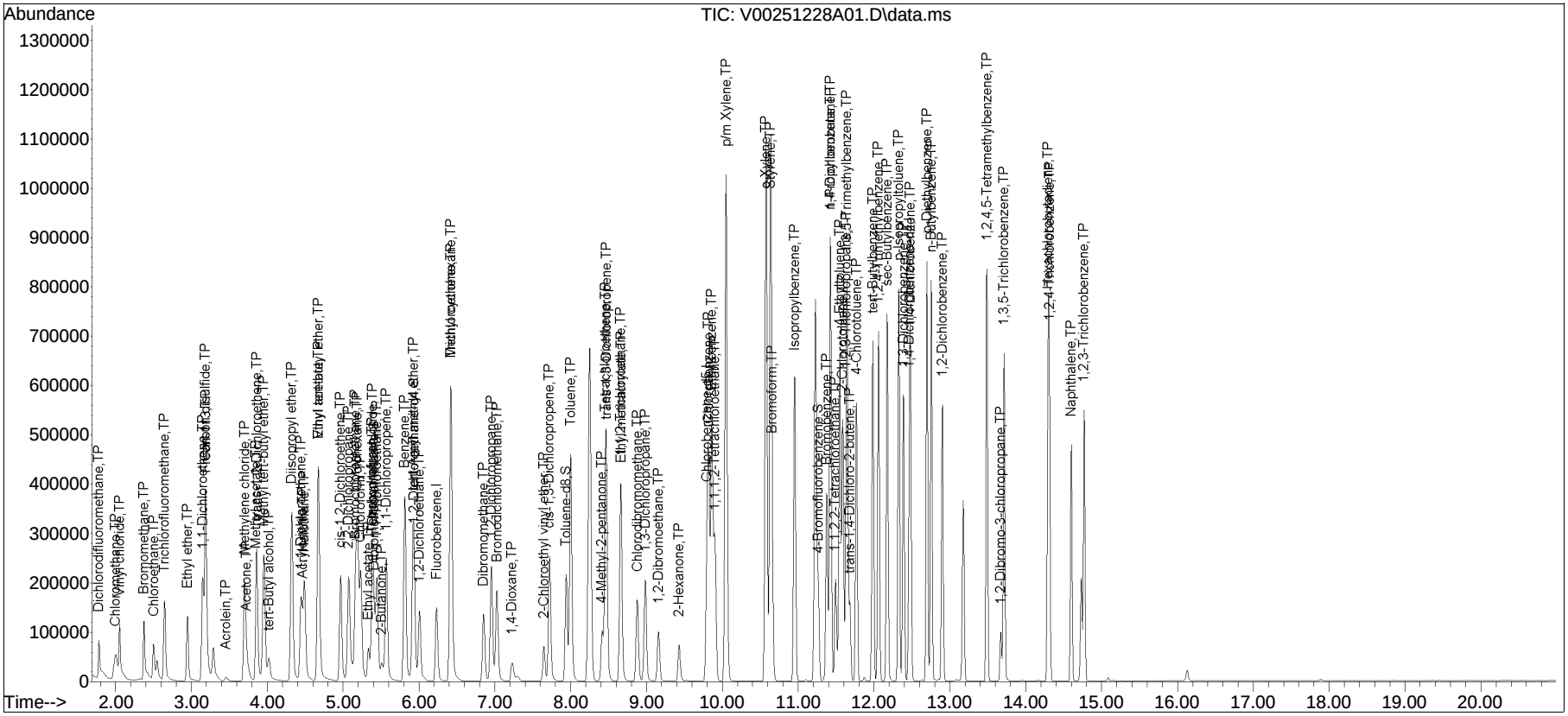
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A01.D
Acq On : 28 Dec 2025 03:43 pm
Operator : VOA100:RAW
Sample : WG2159676-2
Misc : WG2159676,ICAL22914
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 16:21:23 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox28A01.D•

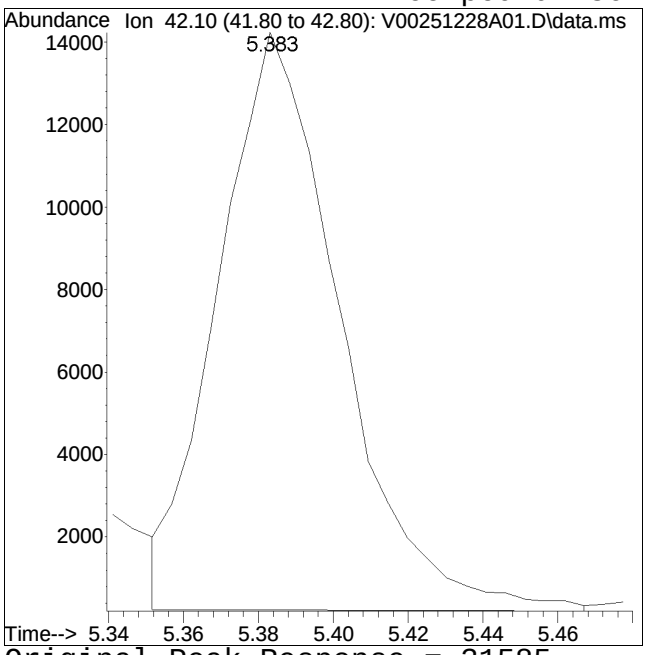


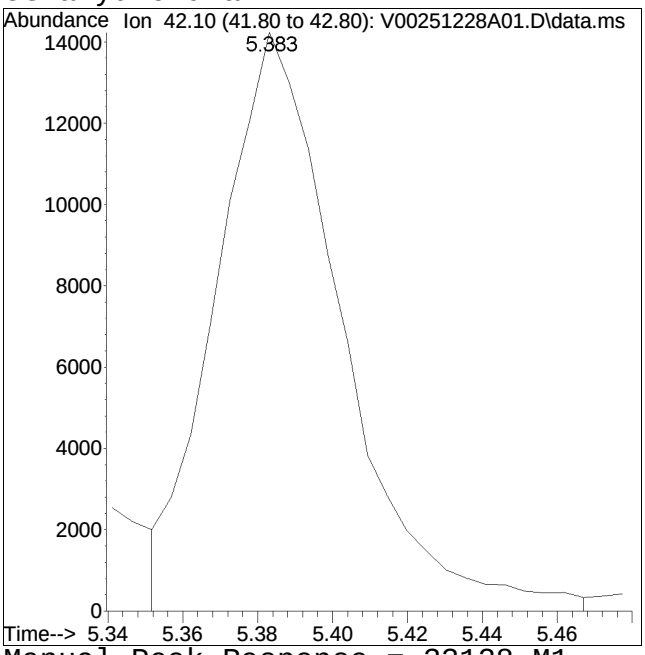
Manual Integration Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A01.D
Date Inj'd : 12/28/2025 3:43 pm
Sample : WG2159676-2

QMethod : V100_251223A_8260.m
Operator : VOA100:RAW
Instrument : VOA100
Quant Date : 12/28/2025 4:19 pm

Compound #36: Tetrahydrofuran





Original Peak Response = 31585 Manual Peak Response = 33128 M1

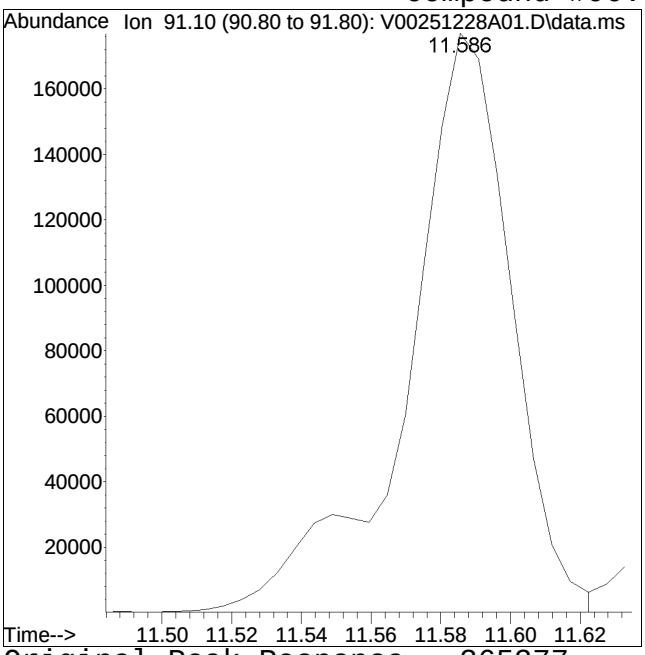
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

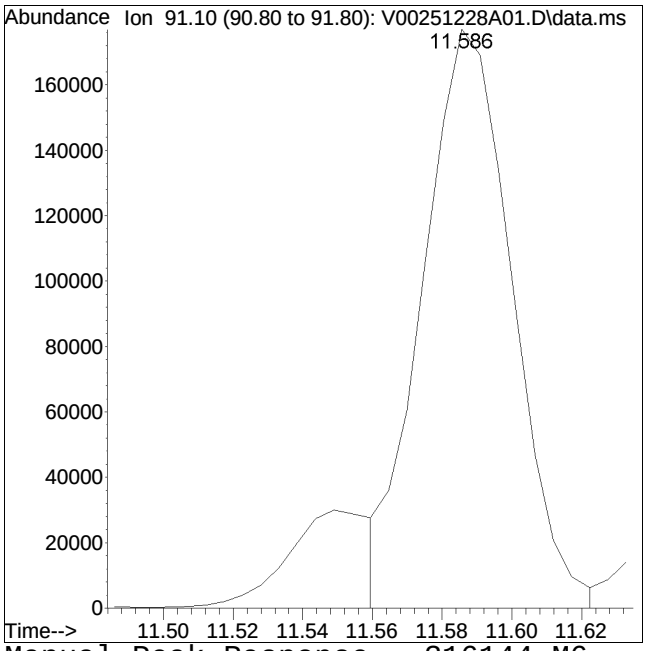
Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A01.D
Date Inj'd : 12/28/2025 3:43 pm
Sample : WG2159676-2

QMethod : V100_251223A_8260.m
Operator : VOA100:RAW
Instrument : VOA100
Quant Date : 12/28/2025 4:19 pm

Compound #90: 2-Chlorotoluene



Original Peak Response = 365377



Manual Peak Response = 316144 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A01.D
Acq On : 28 Dec 2025 03:43 pm
Operator : VOA100:RAW
Sample : WG2159678-2
Misc : WG2159678,ICAL22914
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 16:21:23 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	73	0.00
2	TP	Dichlorodifluoromethane	0.299	0.267	10.7	62	0.00
3	TP	Chloromethane	0.310	0.350	-12.9	81	-0.01
4	TP	Vinyl chloride	0.308	0.356	-15.6	80	0.00
5	TP	Bromomethane	0.161	0.226	-40.4#	100	0.00
6	TP	Chloroethane	0.193	0.229	-18.7	81	0.00
7	TP	Trichlorofluoromethane	0.424	0.444	-4.7	73	0.00
8	TP	Ethyl ether	0.152	0.167	-9.9	78	0.00
10	TP	1,1-Dichloroethene	0.250	0.262	-4.8	71	0.00
11	TP	Carbon disulfide	1.013	0.999	1.4	77	0.00
12	TP	Freon-113	0.249	0.266	-6.8	72	0.00
14	TP	Acrolein	0.022	0.024	-9.1	75	0.00
15	TP	Methylene chloride	0.309	0.326	-5.5	78	0.00
17	TP	Acetone	0.139	0.141	-1.4	78	0.00
18	TP	trans-1,2-Dichloroethene	0.286	0.305	-6.6	74	0.00
19	TP	Methyl acetate	0.186	0.194	-4.3	80	0.00
20	TP	Methyl tert-butyl ether	0.800	0.882	-10.2	78	0.00
21	TP	tert-Butyl alcohol	0.030	0.031	-3.3	74	0.00
22	TP	Diisopropyl ether	0.893	1.085	-21.5#	84	0.00
23	TP	1,1-Dichloroethane	0.513	0.566	-10.3	77	0.00
24	TP	Halothane	0.222	0.233	-5.0	73	0.00
25	TP	Acrylonitrile	0.084	0.098	-16.7	80	0.00
26	TP	Ethyl tert-butyl ether	0.832	0.961	-15.5	80	0.00
27	TP	Vinyl acetate	0.703	0.840	-19.5	84	0.00
28	TP	cis-1,2-Dichloroethene	0.317	0.339	-6.9	75	0.00
29	TP	2,2-Dichloropropane	0.437	0.487	-11.4	79	0.00
31	TP	Bromochloromethane	0.154	0.166	-7.8	75	0.00
32	TP	Cyclohexane	0.458	0.522	-14.0	78	0.00
33	TP	Chloroform	0.547	0.588	-7.5	76	0.00
34	TP	Ethyl acetate	0.273	0.294	-7.7	80	0.00
35	TP	Carbon tetrachloride	0.430	0.448	-4.2	72	0.00
36	TP	Tetrahydrofuran	0.096	0.104	-8.3	90	0.00
37	S	Dibromofluoromethane	0.278	0.283	-1.8	75	0.00
38	TP	1,1,1-Trichloroethane	0.442	0.493	-11.5	75	0.00
40	TP	2-Butanone	0.120	0.121	-0.8	75	0.00
41	TP	1,1-Dichloropropene	0.365	0.415	-13.7	76	0.00
42	TP	Benzene	1.058	1.190	-12.5	77	0.00
43	TP	tert-Amyl methyl ether	0.771	0.858	-11.3	78	0.01
44	S	1,2-Dichloroethane-d4	0.276	0.278	-0.7	77	0.00

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A01.D
Acq On : 28 Dec 2025 03:43 pm
Operator : VOA100:RAW
Sample : WG2159678-2
Misc : WG2159678,ICAL22914
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 16:21:23 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	TP	1,2-Dichloroethane	0.378	0.415	-9.8	78	0.00
48	TP	Methyl cyclohexane	0.479	0.531	-10.9	74	0.00
49	TP	Trichloroethene	0.292	0.327	-12.0	76	0.01
51	TP	Dibromomethane	0.184	0.197	-7.1	76	0.00
52	TP	1,2-Dichloropropane	0.284	0.320	-12.7	78	0.01
54	TP	2-Chloroethyl vinyl ether	0.155	0.114	26.5#	51	0.00
55	TP	Bromodichloromethane	0.414	0.458	-10.6	77	0.00
58	TP	1,4-Dioxane	0.00243	0.00269#	-10.7	73	-0.01
59	TP	cis-1,3-Dichloropropene	0.474	0.537	-13.3	78	0.00
60	I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
61	S	Toluene-d8	1.285	1.244	3.2	80	0.00
62	TP	Toluene	0.885	0.862	2.6	76	0.00
63	TP	4-Methyl-2-pentanone	0.112	0.112	0.0	75	0.00
64	TP	Tetrachloroethene	0.427	0.406	4.9	72	0.00
66	TP	trans-1,3-Dichloropropene	0.540	0.537	0.6	78	0.00
68	TP	Ethyl methacrylate	0.428	0.412	3.7	75	0.00
69	TP	1,1,2-Trichloroethane	0.254	0.249	2.0	77	0.00
70	TP	Chlorodibromomethane	0.412	0.393	4.6	74	0.00
71	TP	1,3-Dichloropropane	0.520	0.505	2.9	77	0.00
72	TP	1,2-Dibromoethane	0.314	0.305	2.9	75	0.00
73	TP	2-Hexanone	0.227	0.216	4.8	76	0.00
74	TP	Chlorobenzene	1.011	0.978	3.3	75	0.00
75	TP	Ethylbenzene	1.677	1.633	2.6	76	0.00
76	TP	1,1,1,2-Tetrachloroethane	0.382	0.371	2.9	75	0.01
77	TP	p/m Xylene	0.656	0.639	2.6	75	0.00
78	TP	o Xylene	0.648	0.631	2.6	76	0.00
79	TP	Styrene	1.091	1.077	1.3	76	0.00
80	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.01
81	TP	Bromoform	0.506	0.454	10.3	73	0.00
83	TP	Isopropylbenzene	2.938	2.795	4.9	75	0.01
84	S	4-Bromofluorobenzene	0.797	0.757	5.0	80	0.00
85	TP	Bromobenzene	0.813	0.717	11.8	71	0.00
86	TP	n-Propylbenzene	3.345	3.170	5.2	75	0.00
87	TP	1,4-Dichlorobutane	0.923	0.864	6.4	77	0.00
88	TP	1,1,2,2-Tetrachloroethane	0.693	0.646	6.8	75	0.00
89	TP	4-Ethyltoluene	2.884	2.735	5.2	75	0.00
90	TP	2-Chlorotoluene	1.996	1.839	7.9	75	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A01.D
Acq On : 28 Dec 2025 03:43 pm
Operator : VOA100:RAW
Sample : WG2159678-2
Misc : WG2159678,ICAL22914
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 16:21:23 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 TP	1,3,5-Trimethylbenzene	2.487	2.357	5.2	75	0.00
92 TP	1,2,3-Trichloropropane	0.557	0.498	10.6	74	0.00
93 TP	trans-1,4-Dichloro-2-butene	0.216	0.200	7.4	74	0.00
94 TP	4-Chlorotoluene	2.070	1.950	5.8	76	0.00
95 TP	tert-Butylbenzene	2.160	2.021	6.4	73	0.00
98 TP	1,2,4-Trimethylbenzene	2.461	2.366	3.9	77	0.00
99 TP	sec-Butylbenzene	3.210	3.090	3.7	75	0.00
100 TP	p-Isopropyltoluene	2.771	2.695	2.7	76	0.00
101 TP	1,3-Dichlorobenzene	1.529	1.445	5.5	76	0.00
102 TP	1,4-Dichlorobenzene	1.551	1.472	5.1	78	0.01
103 TP	p-Diethylbenzene	1.676	1.654	1.3	77	0.00
104 TP	n-Butylbenzene	2.466	2.484	-0.7	79	0.00
105 TP	1,2-Dichlorobenzene	1.440	1.365	5.2	77	0.00
106 TP	1,2,4,5-Tetramethylbenzene	2.499	2.493	0.2	78	0.00
107 TP	1,2-Dibromo-3-chloropropane	0.141	0.124	12.1	71	0.01
108 TP	1,3,5-Trichlorobenzene	1.217	1.189	2.3	78	0.00
109 TP	Hexachlorobutadiene	0.637	0.575	9.7	71	0.01
110 TP	1,2,4-Trichlorobenzene	1.082	1.049	3.0	79	0.01
111 TP	Naphthalene	2.193	2.045	6.7	76	0.00
112 TP	1,2,3-Trichlorobenzene	1.001	0.956	4.5	77	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 1 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A01.D
Acq On : 28 Dec 2025 03:43 pm
Operator : VOA100:RAW
Sample : WG2159678-2
Misc : WG2159678,ICAL22914
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 16:21:23 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.232	96	159908	20.000	ug/L	0.00
Standard Area 1 = 159908			Recovery = 100.00%			
60) Chlorobenzene-d5	9.798	117	142938	20.000	ug/L	0.00
Standard Area 1 = 142938			Recovery = 100.00%			
80) 1,4-Dichlorobenzene-d4	12.466	152	85973	20.000	ug/L	0.01
Standard Area 1 = 85973			Recovery = 100.00%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	45261	20.375	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.88%			
44) 1,2-Dichloroethane-d4	5.939	65	44442	20.131	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.66%			
61) Toluene-d8	7.942	98	177756	19.352	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.76%			
84) 4-Bromofluorobenzene	11.266	95	65055	18.987	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.93%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.781	85	85277	35.717	ug/L #	81
3) Chloromethane	2.001	50	112092	45.153	ug/L	96
4) Vinyl chloride	2.054	62	113922	46.273	ug/L	86
5) Bromomethane	2.379	94	72406	56.335	ug/L	100
6) Chloroethane	2.505	64	73158	47.481	ug/L	86
7) Trichlorofluoromethane	2.646	101	142099	41.924	ug/L	99
8) Ethyl ether	2.950	74	53567	44.207	ug/L	88
10) 1,1-Dichloroethene	3.150	96	83820	42.003	ug/L	90
11) Carbon disulfide	3.186	76	319616	39.477	ug/L	99
12) Freon-113	3.192	101	85038	42.770	ug/L	95
14) Acrolein	3.454	56	7624	43.892	ug/L	98
15) Methylene chloride	3.705	84	104114	42.132	ug/L	80
17) Acetone	3.726	43	45221	40.667	ug/L	90
18) trans-1,2-Dichloroethene	3.863	96	97475	42.564	ug/L	98
19) Methyl acetate	3.852	43	62082	41.801	ug/L #	81
20) Methyl tert-butyl ether	3.957	73	282158	44.113	ug/L	93
21) tert-Butyl alcohol	4.025	59	49824	205.740	ug/L #	83
22) Diisopropyl ether	4.324	45	347126	48.643	ug/L	93
23) 1,1-Dichloroethane	4.445	63	180958	44.101	ug/L	99
24) Halothane	4.487	117	74667	42.076	ug/L	98
25) Acrylonitrile	4.471	53	31405	46.882	ug/L	93

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A01.D
Acq On : 28 Dec 2025 03:43 pm
Operator : VOA100:RAW
Sample : WG2159678-2
Misc : WG2159678,ICAL22914
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 16:21:23 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	307215	46.209	ug/L	#	75
27) Vinyl acetate	4.675	43	268557	47.786	ug/L	#	91
28) cis-1,2-Dichloroethene	4.969	96	108522	42.760	ug/L		97
29) 2,2-Dichloropropane	5.074	77	155764	44.542	ug/L		86
31) Bromochloromethane	5.163	128	53103	43.150	ug/L		88
32) Cyclohexane	5.189	56	166937	45.584	ug/L		93
33) Chloroform	5.231	83	187945	42.940	ug/L		97
34) Ethyl acetate	5.336	43	93907	42.991	ug/L	#	89
35) Carbon tetrachloride	5.388	117	143343	41.738	ug/L		99
36) Tetrahydrofuran	5.383	42	33128M1	43.363	ug/L		
38) 1,1,1-Trichloroethane	5.446	97	157825	44.661	ug/L		98
40) 2-Butanone	5.509	43	38722	40.484	ug/L		95
41) 1,1-Dichloropropene	5.572	75	132627	45.503	ug/L		98
42) Benzene	5.813	78	380723	45.007	ug/L		97
43) tert-Amyl methyl ether	5.928	73	274457	44.506	ug/L		96
45) 1,2-Dichloroethane	6.007	62	132594	43.848	ug/L		100
48) Methyl cyclohexane	6.421	83	169857	44.316	ug/L		93
49) Trichloroethene	6.421	95	104458	44.727	ug/L		94
51) Dibromomethane	6.851	93	63051	42.762	ug/L		94
52) 1,2-Dichloropropane	6.956	63	102491	45.196	ug/L		99
54) 2-Chloroethyl vinyl ether	7.648	63	36524	29.505	ug/L	#	100
55) Bromodichloromethane	7.029	83	146353	44.229	ug/L		100
58) 1,4-Dioxane	7.229	88	42944	2213.789	ug/L	#	94
59) cis-1,3-Dichloropropene	7.721	75	171885	45.308	ug/L	#	83
62) Toluene	7.999	92	246497	38.967	ug/L		95
63) 4-Methyl-2-pentanone	8.414	58	31878	39.684	ug/L	#	50
64) Tetrachloroethene	8.461	166	116086	38.032	ug/L		93
66) trans-1,3-Dichloropropene	8.471	75	153547	39.757	ug/L		88
68) Ethyl methacrylate	8.665	69	117863	38.529	ug/L		91
69) 1,1,2-Trichloroethane	8.660	83	71190	39.201	ug/L		99
70) Chlorodibromomethane	8.880	129	112464	38.225	ug/L		99
71) 1,3-Dichloropropane	8.985	76	144316	38.839	ug/L		99
72) 1,2-Dibromoethane	9.158	107	87110	38.783	ug/L		98
73) 2-Hexanone	9.431	43	61797	38.071	ug/L	#	79
74) Chlorobenzene	9.819	112	279627	38.686	ug/L		98
75) Ethylbenzene	9.861	91	466789	38.949	ug/L		99
76) 1,1,1,2-Tetrachloroethane	9.903	131	106143	38.873	ug/L		100
77) p/m Xylene	10.049	106	365495	77.977	ug/L		99
78) o Xylene	10.574	106	360800	77.880	ug/L		98
79) Styrene	10.637	104	615568	78.966	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A01.D
Acq On : 28 Dec 2025 03:43 pm
Operator : VOA100:RAW
Sample : WG2159678-2
Misc : WG2159678,ICAL22914
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 16:21:23 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.658	173	78104	35.874	ug/L	99
83) Isopropylbenzene	10.956	105	480668	38.066	ug/L	99
85) Bromobenzene	11.376	156	123340	35.293	ug/L	100
86) n-Propylbenzene	11.423	91	545052	37.906	ug/L	97
87) 1,4-Dichlorobutane	11.423	55	148511	37.427	ug/L	99
88) 1,1,2,2-Tetrachloroethane	11.491	83	111014	37.282	ug/L	97
89) 4-Ethyltoluene	11.549	105	470220	37.928	ug/L	98
90) 2-Chlorotoluene	11.586	91	316144M6	36.854	ug/L	
91) 1,3,5-Trimethylbenzene	11.643	105	405324	37.907	ug/L	98
92) 1,2,3-Trichloropropane	11.633	75	85637	35.761	ug/L	97
93) trans-1,4-Dichloro-2-b...	11.680	53	34389	37.075	ug/L	99
94) 4-Chlorotoluene	11.769	91	335274	37.678	ug/L	97
95) tert-Butylbenzene	11.984	119	347468	37.414	ug/L	96
98) 1,2,4-Trimethylbenzene	12.057	105	406757	38.451	ug/L	99
99) sec-Butylbenzene	12.173	105	531342	38.511	ug/L	100
100) p-Isopropyltoluene	12.325	119	463344	38.896	ug/L	99
101) 1,3-Dichlorobenzene	12.388	146	248515	37.820	ug/L	98
102) 1,4-Dichlorobenzene	12.482	146	253156	37.982	ug/L	98
103) p-Diethylbenzene	12.697	119	284406	39.474	ug/L	98
104) n-Butylbenzene	12.755	91	427148	40.294	ug/L	99
105) 1,2-Dichlorobenzene	12.902	146	234685	37.907	ug/L	98
106) 1,2,4,5-Tetramethylben...	13.489	119	428678	39.905	ug/L	99
107) 1,2-Dibromo-3-chloropr...	13.672	155	21356	35.144	ug/L	91
108) 1,3,5-Trichlorobenzene	13.714	180	204477	39.091	ug/L	97
109) Hexachlorobutadiene	14.296	225	98862	36.127	ug/L	98
110) 1,2,4-Trichlorobenzene	14.312	180	180327	38.760	ug/L	98
111) Naphthalene	14.600	128	351655	37.297	ug/L	100
112) 1,2,3-Trichlorobenzene	14.768	180	164303	38.177	ug/L	99

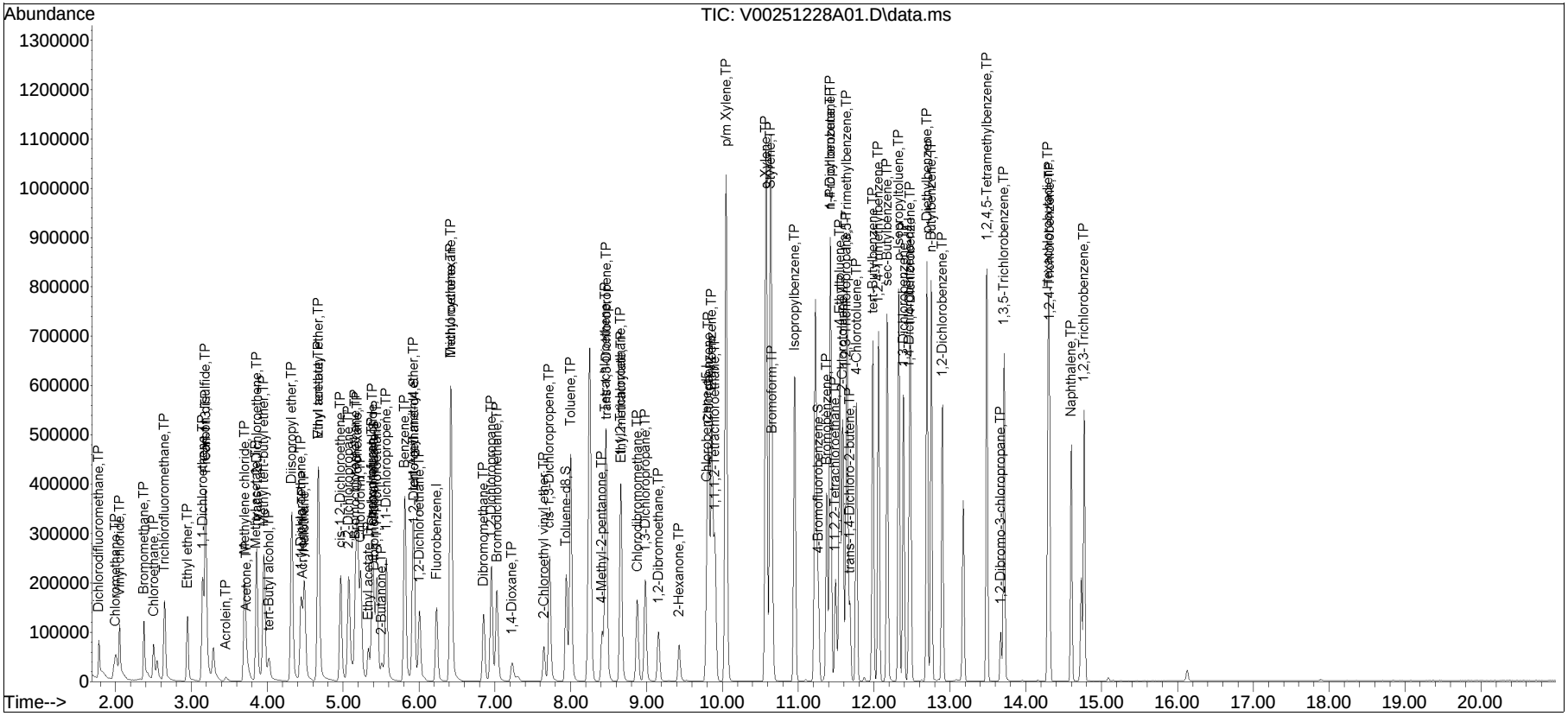
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A01.D
Acq On : 28 Dec 2025 03:43 pm
Operator : VOA100:RAW
Sample : WG2159678-2
Misc : WG2159678,ICAL22914
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 16:21:23 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox28A01.D•

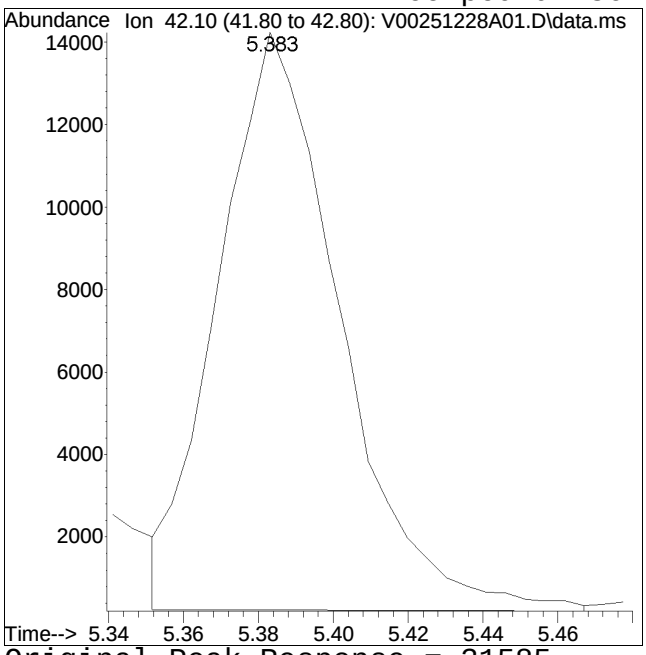


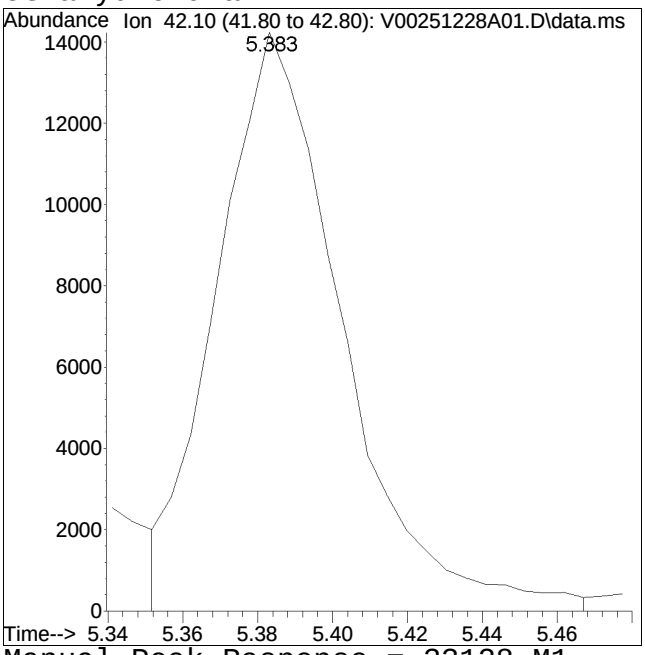
Manual Integration Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A01.D
Date Inj'd : 12/28/2025 3:43 pm
Sample : WG2159678-2

QMethod : V100_251223A_8260.m
Operator : VOA100:RAW
Instrument : VOA100
Quant Date : 12/28/2025 4:19 pm

Compound #36: Tetrahydrofuran





Original Peak Response = 31585 Manual Peak Response = 33128 M1

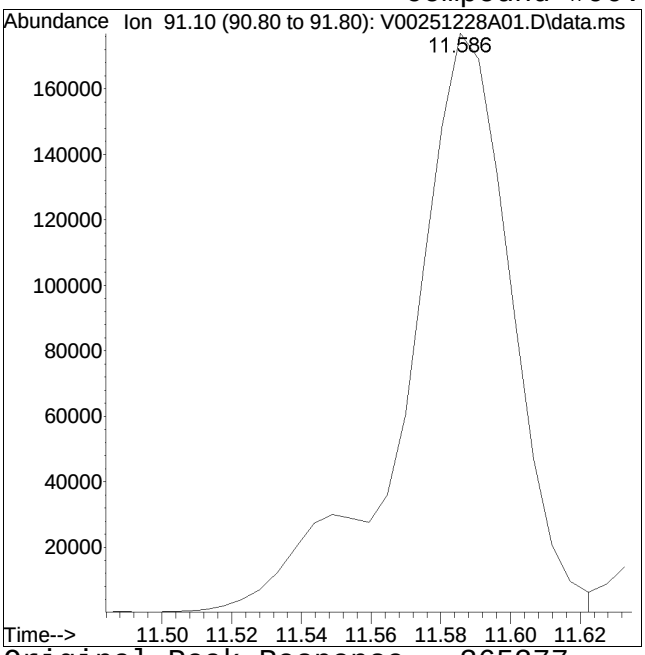
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

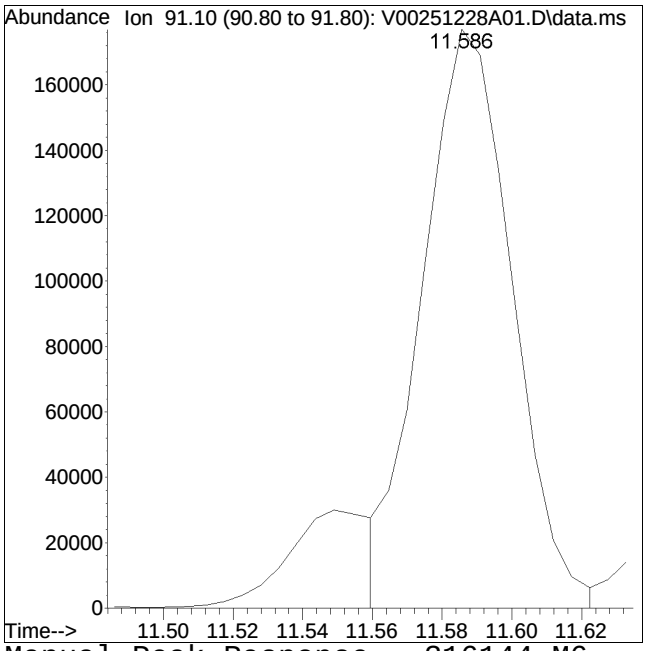
Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A01.D
Date Inj'd : 12/28/2025 3:43 pm
Sample : WG2159678-2

QMethod : V100_251223A_8260.m
Operator : VOA100:RAW
Instrument : VOA100
Quant Date : 12/28/2025 4:19 pm

Compound #90: 2-Chlorotoluene



Original Peak Response = 365377



Manual Peak Response = 316144 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A01.D
Acq On : 29 Dec 2025 5:17 am
Operator : VOA104:MJV
Sample : WG2159734-2
Misc : WG2159734,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 29 05:46:38 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene		1.000	1.000	0.0	123	0.00
2	TP	Dichlorodifluoromethane		0.365	0.297	18.6	103	0.00
3	TP	Chloromethane		0.375	0.341	9.1	115	0.00
4	TP	Vinyl chloride		0.368	0.366	0.5	121	0.00
5	TP	Bromomethane		0.206	0.275	-33.5#	162	0.00
6	TP	Chloroethane		0.213	0.206	3.3	111	0.00
7	TP	Trichlorofluoromethane		0.435	0.469	-7.8	129	0.00
8	TP	Ethyl ether		0.136	0.151	-11.0	136	0.00
10	TP	1,1-Dichloroethene		0.250	0.298	-19.2	147	0.00
11	TP	Carbon disulfide		0.916	1.053	-15.0	145	0.00
12	TP	Freon-113		0.247	0.302	-22.3#	142	0.00
14	TP	Acrolein		0.026	0.016	38.5#	80	0.00
15	TP	Methylene chloride		0.314	0.324	-3.2	138	0.00
17	TP	Acetone	*	40.000	23.780	40.5#	76	0.00
18	TP	trans-1,2-Dichloroethene		0.280	0.316	-12.9	141	0.00
19	TP	Methyl acetate		0.105	0.095	9.5	111	0.00
20	TP	Methyl tert-butyl ether		0.693	0.731	-5.5	127	0.00
21	TP	tert-Butyl alcohol		0.023	0.021	8.7	108	0.00
22	TP	Diisopropyl ether		0.871	0.776	10.9	107	0.00
23	TP	1,1-Dichloroethane		0.524	0.527	-0.6	122	0.00
24	TP	Halothane		0.217	0.232	-6.9	129	0.00
25	TP	Acrylonitrile		0.055	0.051	7.3	113	0.00
26	TP	Ethyl tert-butyl ether		0.813	0.756	7.0	110	0.00
27	TP	Vinyl acetate		0.503	0.455	9.5	105	0.00
28	TP	cis-1,2-Dichloroethene		0.316	0.327	-3.5	130	0.00
29	TP	2,2-Dichloropropane		0.431	0.454	-5.3	130	0.00
30	TP	Bromochloromethane		0.147	0.134	8.8	114	0.00
31	TP	Cyclohexane		0.426	0.431	-1.2	124	0.00
32	TP	Chloroform	*	40.000	40.920	-2.3	122	0.00
33	TP	Ethyl acetate		0.172	0.143	16.9	101	0.00
34	TP	Carbon tetrachloride		0.402	0.396	1.5	119	0.00
35	TP	Tetrahydrofuran		0.063	0.054	14.3	103	0.00
36	S	Dibromofluoromethane		0.287	0.263	8.4	113	0.00
37	TP	1,1,1-Trichloroethane		0.418	0.435	-4.1	126	0.00
39	TP	2-Butanone	*	40.000	28.432	28.9#	85	0.00
40	TP	1,1-Dichloropropene		0.330	0.380	-15.2	136	0.00
41	TP	Benzene		0.982	1.054	-7.3	127	0.00
42	TP	tert-Amyl methyl ether		0.683	0.659	3.5	118	0.00
43	S	1,2-Dichloroethane-d4		0.255	0.212	16.9	104	0.00

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A01.D
Acq On : 29 Dec 2025 5:17 am
Operator : VOA104:MJV
Sample : WG2159734-2
Misc : WG2159734,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 29 05:46:38 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.348	0.287	17.5	102	0.00
47	TP	Methyl cyclohexane	0.411	0.473	-15.1	138	0.00
48	TP	Trichloroethene	0.261	0.293	-12.3	129	0.00
50	TP	Dibromomethane	0.170	0.151	11.2	113	0.00
51	TP	1,2-Dichloropropane	0.285	0.263	7.7	114	0.00
54	TP	Bromodichloromethane	0.388	0.372	4.1	115	0.00
57	TP	1,4-Dioxane	*2000.000	2115.681	-5.8	124	0.00
58	TP	cis-1,3-Dichloropropene	0.419	0.439	-4.8	120	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
60	S	Toluene-d8	1.286	1.403	-9.1	119	0.00
61	TP	Toluene	0.854	0.940	-10.1	124	0.00
62	TP	4-Methyl-2-pentanone	0.094	0.090	4.3	103	0.00
63	TP	Tetrachloroethene	* 40.000	44.258	-10.6	124	0.00
65	TP	trans-1,3-Dichloropropene	0.463	0.511	-10.4	115	0.00
67	TP	Ethyl methacrylate	0.348	0.367	-5.5	116	0.00
68	TP	1,1,2-Trichloroethane	0.253	0.254	-0.4	118	0.00
69	TP	Chlorodibromomethane	0.391	0.375	4.1	102	0.00
70	TP	1,3-Dichloropropane	0.445	0.489	-9.9	119	0.00
71	TP	1,2-Dibromoethane	0.279	0.298	-6.8	111	0.00
72	TP	2-Hexanone	0.159	0.139	12.6	95	0.00
73	TP	Chlorobenzene	0.958	1.040	-8.6	115	0.00
74	TP	Ethylbenzene	1.532	1.800	-17.5	124	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.365	0.358	1.9	103	0.00
76	TP	p/m Xylene	0.582	0.667	-14.6	121	0.00
77	TP	o Xylene	0.590	0.652	-10.5	116	0.00
78	TP	Styrene	0.955	1.025	-7.3	113	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
80	TP	Bromoform	0.472	0.451	4.4	96	0.00
82	TP	Isopropylbenzene	2.881	3.434	-19.2	120	0.00
83	S	4-Bromofluorobenzene	0.862	0.956	-10.9	112	0.00
84	TP	Bromobenzene	0.805	0.839	-4.2	105	0.00
85	TP	n-Propylbenzene	3.290	4.170	-26.7#	126	0.00
86	TP	1,4-Dichlorobutane	0.855	0.823	3.7	97	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.668	0.716	-7.2	114	0.00
88	TP	4-Ethyltoluene	2.746	3.357	-22.3#	122	0.00
89	TP	2-Chlorotoluene	1.962	2.355	-20.0#	120	0.00
90	TP	1,3,5-Trimethylbenzene	2.371	2.789	-17.6	117	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A01.D
Acq On : 29 Dec 2025 5:17 am
Operator : VOA104:MJV
Sample : WG2159734-2
Misc : WG2159734,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 29 05:46:38 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 TP	1,2,3-Trichloropropane	0.462	0.486	-5.2	109	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.181	0.153	15.5	92	0.00
93 TP	4-Chlorotoluene	1.991	2.387	-19.9	121	0.00
94 TP	tert-Butylbenzene	2.061	2.333	-13.2	113	0.00
97 TP	1,2,4-Trimethylbenzene	2.389	2.724	-14.0	115	0.00
98 TP	sec-Butylbenzene	3.020	3.696	-22.4#	120	0.00
99 TP	p-Isopropyltoluene	2.611	3.067	-17.5	116	0.00
100 TP	1,3-Dichlorobenzene	1.417	1.540	-8.7	109	0.00
101 TP	1,4-Dichlorobenzene	1.473	1.559	-5.8	110	0.00
102 TP	p-Diethylbenzene	1.564	1.850	-18.3	119	0.00
103 TP	n-Butylbenzene	2.329	3.000	-28.8#	128	0.00
104 TP	1,2-Dichlorobenzene	1.361	1.417	-4.1	105	0.00
105 TP	1,2,4,5-Tetramethylbenzene	2.428	2.836	-16.8	116	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.109	0.105	3.7	96	0.00
107 TP	1,3,5-Trichlorobenzene	1.086	1.311	-20.7#	120	0.00
108 TP	Hexachlorobutadiene	0.553	0.725	-31.1#	127	0.00
109 TP	1,2,4-Trichlorobenzene	0.897	1.072	-19.5	118	0.00
110 TP	Naphthalene	1.621	1.722	-6.2	109	0.00
111 TP	1,2,3-Trichlorobenzene	0.758	0.835	-10.2	110	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A01.D
Acq On : 29 Dec 2025 5:17 am
Operator : VOA104:MJV
Sample : WG2159734-2
Misc : WG2159734,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 29 05:46:38 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.377	96	369388	20.000	ug/L	0.00
59) Chlorobenzene-d5	8.833	117	254827	20.000	ug/L	0.00
79) 1,4-Dichlorobenzene-d4	11.669	152	126132	20.000	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.612	113	97205	18.347	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 91.74%			
43) 1,2-Dichloroethane-d4	5.110	65	78400	16.666	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 83.33%			
60) Toluene-d8	7.024	98	357595	21.831	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 109.16%			
83) 4-Bromofluorobenzene	10.395	95	120630	22.199	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 111.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.408	85	219482	32.597	ug/L	98
3) Chloromethane	1.571	50	252279	36.407	ug/L	99
4) Vinyl chloride	1.629	62	270561	39.847	ug/L	98
5) Bromomethane	1.886	94	202958	53.217	ug/L	96
6) Chloroethane	1.985	64	152499	38.763	ug/L	96
7) Trichlorofluoromethane	2.101	101	346191	43.075	ug/L	98
8) Ethyl ether	2.352	74	111560	44.391	ug/L	78
10) 1,1-Dichloroethene	2.525	96	220019	47.720	ug/L	82
11) Carbon disulfide	2.551	76	778152	46.000	ug/L	99
12) Freon-113	2.557	101	222766	48.765	ug/L #	70
14) Acrolein	2.819	56	11794	24.326	ug/L	97
15) Methylene chloride	3.023	84	239516	41.258	ug/L	83
17) Acetone	3.065	43	44364	23.780	ug/L #	84
18) trans-1,2-Dichloroethene	3.160	96	233610	45.228	ug/L	88
19) Methyl acetate	3.170	43	70062	36.233	ug/L #	85
20) Methyl tert-butyl ether	3.244	73	539825	42.149	ug/L	89
21) tert-Butyl alcohol	3.338	59	76544	177.211	ug/L	93
22) Diisopropyl ether	3.569	45	573642	35.659	ug/L	95
23) 1,1-Dichloroethane	3.700	63	389305	40.227	ug/L	97
24) Halothane	3.757	117	171325	42.738	ug/L	99
25) Acrylonitrile	3.757	53	37706	37.145	ug/L	95
26) Ethyl tert-butyl ether	3.894	59	558533	37.192	ug/L	96
27) Vinyl acetate	3.925	43	335942	36.143	ug/L #	95
28) cis-1,2-Dichloroethene	4.187	96	241214	41.330	ug/L	85
29) 2,2-Dichloropropane	4.271	77	335243	42.087	ug/L	87

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A01.D
Acq On : 29 Dec 2025 5:17 am
Operator : VOA104:MJV
Sample : WG2159734-2
Misc : WG2159734,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 29 05:46:38 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
30) Bromochloromethane	4.371	128	99075	36.441	ug/L		89
31) Cyclohexane	4.355	56	318380	40.464	ug/L		79
32) Chloroform	4.439	83	375397	40.920	ug/L		95
33) Ethyl acetate	4.549	43	105472	33.272	ug/L	#	94
34) Carbon tetrachloride	4.554	117	292216	39.372	ug/L		99
35) Tetrahydrofuran	4.575	42	39844	34.358	ug/L	#	88
37) 1,1,1-Trichloroethane	4.617	97	321236	41.645	ug/L		95
39) 2-Butanone	4.722	43	37985	28.432	ug/L	#	47
40) 1,1-Dichloropropene	4.738	75	280596	46.091	ug/L		98
41) Benzene	4.968	78	778717	42.924	ug/L		94
42) tert-Amyl methyl ether	5.073	73	487113	38.636	ug/L		91
44) 1,2-Dichloroethane	5.173	62	211689	32.953	ug/L		96
47) Methyl cyclohexane	5.519	83	349317	45.966	ug/L	#	79
48) Trichloroethene	5.545	95	216264	44.802	ug/L		96
50) Dibromomethane	5.980	93	111603	35.645	ug/L		97
51) 1,2-Dichloropropane	6.075	63	194661	37.023	ug/L		98
54) Bromodichloromethane	6.153	83	274750	38.312	ug/L		100
57) 1,4-Dioxane	6.363	88	65960	2115.681	ug/L		87
58) cis-1,3-Dichloropropene	6.825	75	324631	41.946	ug/L	#	89
61) Toluene	7.076	92	478969	44.041	ug/L		99
62) 4-Methyl-2-pentanone	7.522	58	46094	38.671	ug/L	#	94
63) Tetrachloroethene	7.511	166	228091	44.258	ug/L		99
65) trans-1,3-Dichloropropene	7.569	75	260449	44.132	ug/L		89
67) Ethyl methacrylate	7.763	69	186926	42.151	ug/L		99
68) 1,1,2-Trichloroethane	7.747	83	129689	40.199	ug/L		97
69) Chlorodibromomethane	7.952	129	190980	38.289	ug/L		99
70) 1,3-Dichloropropane	8.062	76	249319	43.956	ug/L		100
71) 1,2-Dibromoethane	8.214	107	152021	42.803	ug/L		99
72) 2-Hexanone	8.529	43	70782	34.895	ug/L		97
73) Chlorobenzene	8.854	112	529900	43.405	ug/L		98
74) Ethylbenzene	8.896	91	917167	46.980	ug/L		98
75) 1,1,1,2-Tetrachloroethane	8.943	131	182376	39.253	ug/L		98
76) p/m Xylene	9.079	106	679676	91.699	ug/L		96
77) o Xylene	9.619	106	664951	88.445	ug/L		96
78) Styrene	9.698	104	1045119	85.902	ug/L		98
80) Bromoform	9.724	173	113893	38.238	ug/L		99
82) Isopropylbenzene	10.033	105	866352	47.689	ug/L		99
84) Bromobenzene	10.505	156	211583	41.681	ug/L		99
85) n-Propylbenzene	10.558	91	1051995	50.705	ug/L		97
86) 1,4-Dichlorobutane	10.584	55	207621	38.508	ug/L		98
87) 1,1,2,2-Tetrachloroethane	10.673	83	180572	42.859	ug/L		99

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A01.D
Acq On : 29 Dec 2025 5:17 am
Operator : VOA104:MJV
Sample : WG2159734-2
Misc : WG2159734,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 29 05:46:38 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
88) 4-Ethyltoluene	10.694	105	846948	48.910	ug/L		98
89) 2-Chlorotoluene	10.731	91	594053M6	48.009	ug/L		
90) 1,3,5-Trimethylbenzene	10.804	105	703559	47.054	ug/L		99
91) 1,2,3-Trichloropropane	10.809	75	122562	42.023	ug/L		95
92) trans-1,4-Dichloro-2-b...	10.877	53	38539	33.781	ug/L	#	57
93) 4-Chlorotoluene	10.930	91	602209	47.952	ug/L		98
94) tert-Butylbenzene	11.161	119	588415	45.278	ug/L		97
97) 1,2,4-Trimethylbenzene	11.244	105	687200	45.612	ug/L		99
98) sec-Butylbenzene	11.360	105	932344	48.959	ug/L		97
99) p-Isopropyltoluene	11.522	119	773654	46.987	ug/L		98
100) 1,3-Dichlorobenzene	11.585	146	388520	43.483	ug/L		99
101) 1,4-Dichlorobenzene	11.685	146	393343	42.340	ug/L		99
102) p-Diethylbenzene	11.916	119	466694	47.329	ug/L		97
103) n-Butylbenzene	11.973	91	756733	51.522	ug/L		98
104) 1,2-Dichlorobenzene	12.120	146	357335	41.637	ug/L		98
105) 1,2,4,5-Tetramethylben...	12.733	119	715463	46.733	ug/L		98
106) 1,2-Dibromo-3-chloropr...	12.922	155	26483	38.486	ug/L		99
107) 1,3,5-Trichlorobenzene	12.954	180	330717	48.276	ug/L		99
108) Hexachlorobutadiene	13.536	225	182906	52.416	ug/L		99
109) 1,2,4-Trichlorobenzene	13.562	180	270475	47.806	ug/L		99
110) Naphthalene	13.855	128	434408	42.491	ug/L		100
111) 1,2,3-Trichlorobenzene	14.023	180	210551	44.049	ug/L		98

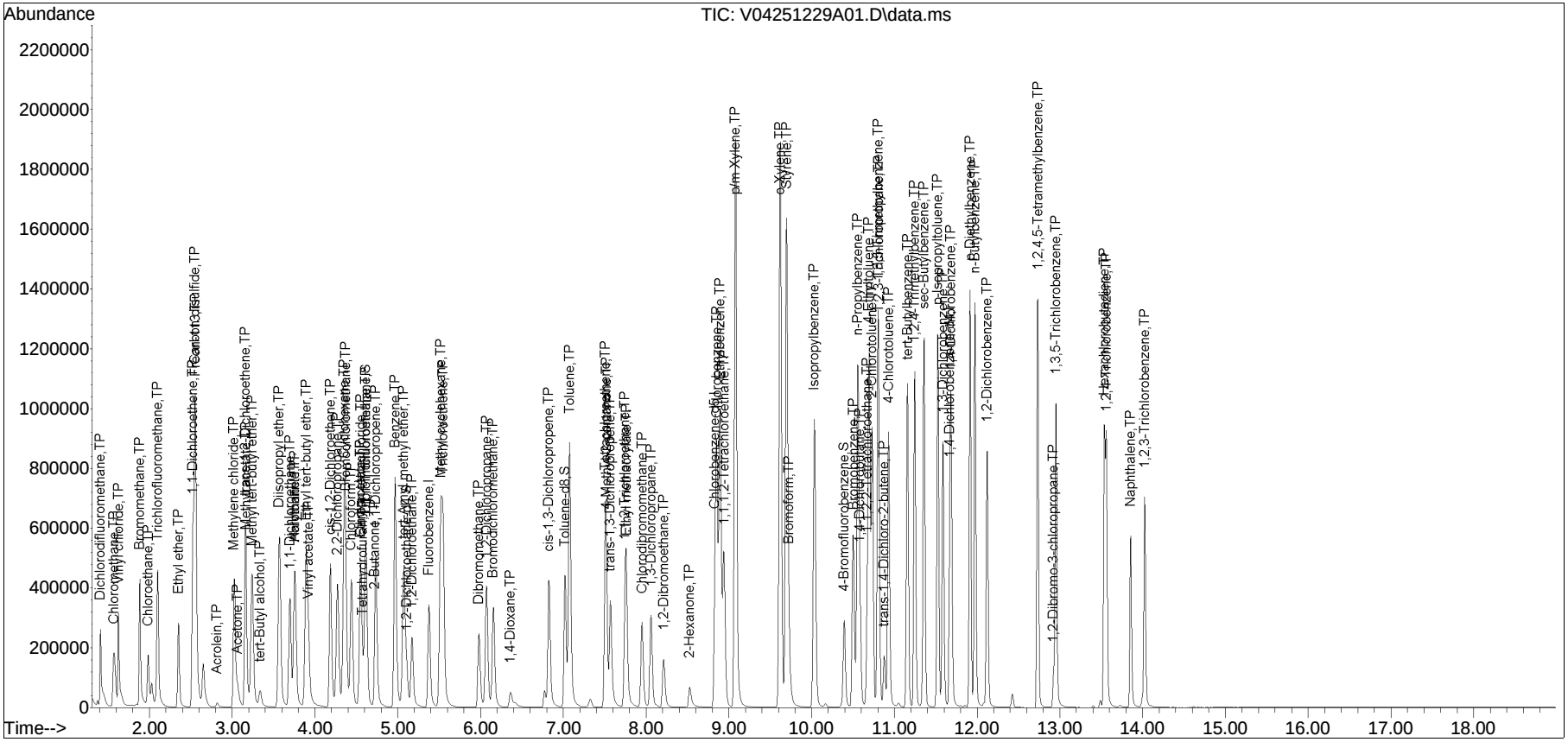
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A01.D
Acq On : 29 Dec 2025 5:17 am
Operator : VOA104:MJV
Sample : WG2159734-2
Misc : WG2159734,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 29 05:46:38 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

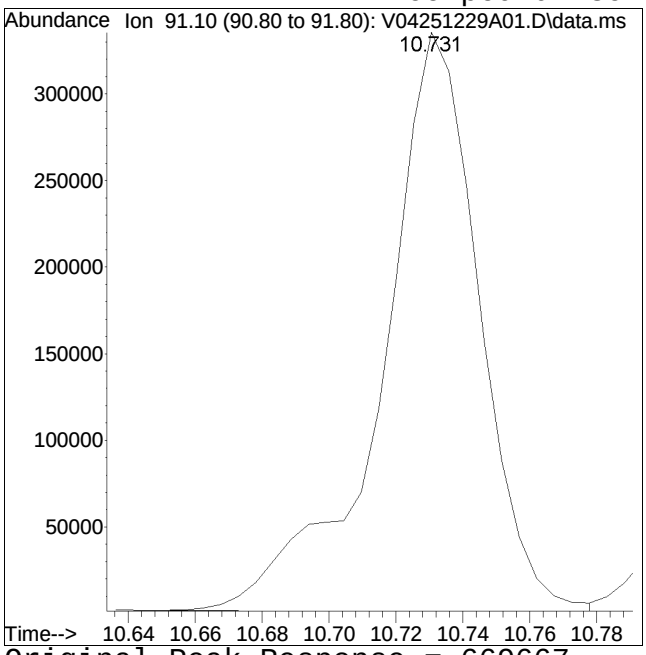


Manual Integration Report

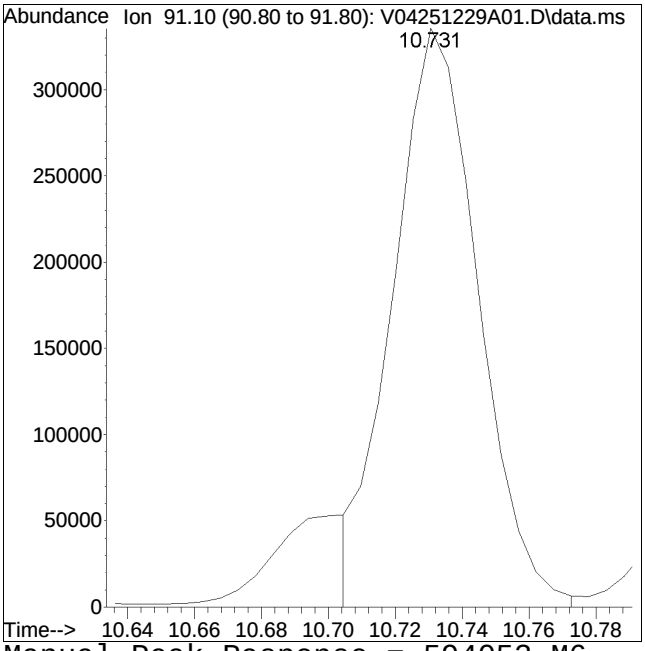
Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A01.D
Date Inj'd : 12/29/2025 5:17 am
Sample : WG2159734-2

QMethod : V104_251119A_8260.m
Operator : VOA104:MJV
Instrument : VOA104
Quant Date : 12/29/2025 5:44 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 669667



Manual Peak Response = 594053 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A01.D
Acq On : 29 Dec 2025 5:17 am
Operator : VOA104:MJV
Sample : WG2160213-2
Misc : WG2160213,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 29 05:46:38 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene		1.000	1.000	0.0	123	0.00
2	TP	Dichlorodifluoromethane		0.365	0.297	18.6	103	0.00
3	TP	Chloromethane		0.375	0.341	9.1	115	0.00
4	TP	Vinyl chloride		0.368	0.366	0.5	121	0.00
5	TP	Bromomethane		0.206	0.275	-33.5#	162	0.00
6	TP	Chloroethane		0.213	0.206	3.3	111	0.00
7	TP	Trichlorofluoromethane		0.435	0.469	-7.8	129	0.00
8	TP	Ethyl ether		0.136	0.151	-11.0	136	0.00
10	TP	1,1-Dichloroethene		0.250	0.298	-19.2	147	0.00
11	TP	Carbon disulfide		0.916	1.053	-15.0	145	0.00
12	TP	Freon-113		0.247	0.302	-22.3#	142	0.00
14	TP	Acrolein		0.026	0.016	38.5#	80	0.00
15	TP	Methylene chloride		0.314	0.324	-3.2	138	0.00
17	TP	Acetone	*	40.000	23.780	40.5#	76	0.00
18	TP	trans-1,2-Dichloroethene		0.280	0.316	-12.9	141	0.00
19	TP	Methyl acetate		0.105	0.095	9.5	111	0.00
20	TP	Methyl tert-butyl ether		0.693	0.731	-5.5	127	0.00
21	TP	tert-Butyl alcohol		0.023	0.021	8.7	108	0.00
22	TP	Diisopropyl ether		0.871	0.776	10.9	107	0.00
23	TP	1,1-Dichloroethane		0.524	0.527	-0.6	122	0.00
24	TP	Halothane		0.217	0.232	-6.9	129	0.00
25	TP	Acrylonitrile		0.055	0.051	7.3	113	0.00
26	TP	Ethyl tert-butyl ether		0.813	0.756	7.0	110	0.00
27	TP	Vinyl acetate		0.503	0.455	9.5	105	0.00
28	TP	cis-1,2-Dichloroethene		0.316	0.327	-3.5	130	0.00
29	TP	2,2-Dichloropropane		0.431	0.454	-5.3	130	0.00
30	TP	Bromochloromethane		0.147	0.134	8.8	114	0.00
31	TP	Cyclohexane		0.426	0.431	-1.2	124	0.00
32	TP	Chloroform	*	40.000	40.920	-2.3	122	0.00
33	TP	Ethyl acetate		0.172	0.143	16.9	101	0.00
34	TP	Carbon tetrachloride		0.402	0.396	1.5	119	0.00
35	TP	Tetrahydrofuran		0.063	0.054	14.3	103	0.00
36	S	Dibromofluoromethane		0.287	0.263	8.4	113	0.00
37	TP	1,1,1-Trichloroethane		0.418	0.435	-4.1	126	0.00
39	TP	2-Butanone	*	40.000	28.432	28.9#	85	0.00
40	TP	1,1-Dichloropropene		0.330	0.380	-15.2	136	0.00
41	TP	Benzene		0.982	1.054	-7.3	127	0.00
42	TP	tert-Amyl methyl ether		0.683	0.659	3.5	118	0.00
43	S	1,2-Dichloroethane-d4		0.255	0.212	16.9	104	0.00

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A01.D
Acq On : 29 Dec 2025 5:17 am
Operator : VOA104:MJV
Sample : WG2160213-2
Misc : WG2160213,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 29 05:46:38 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.348	0.287	17.5	102	0.00
47	TP	Methyl cyclohexane	0.411	0.473	-15.1	138	0.00
48	TP	Trichloroethene	0.261	0.293	-12.3	129	0.00
50	TP	Dibromomethane	0.170	0.151	11.2	113	0.00
51	TP	1,2-Dichloropropane	0.285	0.263	7.7	114	0.00
54	TP	Bromodichloromethane	0.388	0.372	4.1	115	0.00
57	TP	1,4-Dioxane	*2000.000	2115.681	-5.8	124	0.00
58	TP	cis-1,3-Dichloropropene	0.419	0.439	-4.8	120	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	110	0.00
60	S	Toluene-d8	1.286	1.403	-9.1	119	0.00
61	TP	Toluene	0.854	0.940	-10.1	124	0.00
62	TP	4-Methyl-2-pentanone	0.094	0.090	4.3	103	0.00
63	TP	Tetrachloroethene	* 40.000	44.258	-10.6	124	0.00
65	TP	trans-1,3-Dichloropropene	0.463	0.511	-10.4	115	0.00
67	TP	Ethyl methacrylate	0.348	0.367	-5.5	116	0.00
68	TP	1,1,2-Trichloroethane	0.253	0.254	-0.4	118	0.00
69	TP	Chlorodibromomethane	0.391	0.375	4.1	102	0.00
70	TP	1,3-Dichloropropane	0.445	0.489	-9.9	119	0.00
71	TP	1,2-Dibromoethane	0.279	0.298	-6.8	111	0.00
72	TP	2-Hexanone	0.159	0.139	12.6	95	0.00
73	TP	Chlorobenzene	0.958	1.040	-8.6	115	0.00
74	TP	Ethylbenzene	1.532	1.800	-17.5	124	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.365	0.358	1.9	103	0.00
76	TP	p/m Xylene	0.582	0.667	-14.6	121	0.00
77	TP	o Xylene	0.590	0.652	-10.5	116	0.00
78	TP	Styrene	0.955	1.025	-7.3	113	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
80	TP	Bromoform	0.472	0.451	4.4	96	0.00
82	TP	Isopropylbenzene	2.881	3.434	-19.2	120	0.00
83	S	4-Bromofluorobenzene	0.862	0.956	-10.9	112	0.00
84	TP	Bromobenzene	0.805	0.839	-4.2	105	0.00
85	TP	n-Propylbenzene	3.290	4.170	-26.7#	126	0.00
86	TP	1,4-Dichlorobutane	0.855	0.823	3.7	97	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.668	0.716	-7.2	114	0.00
88	TP	4-Ethyltoluene	2.746	3.357	-22.3#	122	0.00
89	TP	2-Chlorotoluene	1.962	2.355	-20.0#	120	0.00
90	TP	1,3,5-Trimethylbenzene	2.371	2.789	-17.6	117	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A01.D
Acq On : 29 Dec 2025 5:17 am
Operator : VOA104:MJV
Sample : WG2160213-2
Misc : WG2160213,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 29 05:46:38 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 TP	1,2,3-Trichloropropane	0.462	0.486	-5.2	109	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.181	0.153	15.5	92	0.00
93 TP	4-Chlorotoluene	1.991	2.387	-19.9	121	0.00
94 TP	tert-Butylbenzene	2.061	2.333	-13.2	113	0.00
97 TP	1,2,4-Trimethylbenzene	2.389	2.724	-14.0	115	0.00
98 TP	sec-Butylbenzene	3.020	3.696	-22.4#	120	0.00
99 TP	p-Isopropyltoluene	2.611	3.067	-17.5	116	0.00
100 TP	1,3-Dichlorobenzene	1.417	1.540	-8.7	109	0.00
101 TP	1,4-Dichlorobenzene	1.473	1.559	-5.8	110	0.00
102 TP	p-Diethylbenzene	1.564	1.850	-18.3	119	0.00
103 TP	n-Butylbenzene	2.329	3.000	-28.8#	128	0.00
104 TP	1,2-Dichlorobenzene	1.361	1.417	-4.1	105	0.00
105 TP	1,2,4,5-Tetramethylbenzene	2.428	2.836	-16.8	116	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.109	0.105	3.7	96	0.00
107 TP	1,3,5-Trichlorobenzene	1.086	1.311	-20.7#	120	0.00
108 TP	Hexachlorobutadiene	0.553	0.725	-31.1#	127	0.00
109 TP	1,2,4-Trichlorobenzene	0.897	1.072	-19.5	118	0.00
110 TP	Naphthalene	1.621	1.722	-6.2	109	0.00
111 TP	1,2,3-Trichlorobenzene	0.758	0.835	-10.2	110	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A01.D
Acq On : 29 Dec 2025 5:17 am
Operator : VOA104:MJV
Sample : WG2160213-2
Misc : WG2160213,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 29 05:46:38 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.377	96	369388	20.000	ug/L	0.00
59) Chlorobenzene-d5	8.833	117	254827	20.000	ug/L	0.00
79) 1,4-Dichlorobenzene-d4	11.669	152	126132	20.000	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.612	113	97205	18.347	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 91.74%			
43) 1,2-Dichloroethane-d4	5.110	65	78400	16.666	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 83.33%			
60) Toluene-d8	7.024	98	357595	21.831	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 109.16%			
83) 4-Bromofluorobenzene	10.395	95	120630	22.199	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 111.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.408	85	219482	32.597	ug/L	98
3) Chloromethane	1.571	50	252279	36.407	ug/L	99
4) Vinyl chloride	1.629	62	270561	39.847	ug/L	98
5) Bromomethane	1.886	94	202958	53.217	ug/L	96
6) Chloroethane	1.985	64	152499	38.763	ug/L	96
7) Trichlorofluoromethane	2.101	101	346191	43.075	ug/L	98
8) Ethyl ether	2.352	74	111560	44.391	ug/L	78
10) 1,1-Dichloroethene	2.525	96	220019	47.720	ug/L	82
11) Carbon disulfide	2.551	76	778152	46.000	ug/L	99
12) Freon-113	2.557	101	222766	48.765	ug/L #	70
14) Acrolein	2.819	56	11794	24.326	ug/L	97
15) Methylene chloride	3.023	84	239516	41.258	ug/L	83
17) Acetone	3.065	43	44364	23.780	ug/L #	84
18) trans-1,2-Dichloroethene	3.160	96	233610	45.228	ug/L	88
19) Methyl acetate	3.170	43	70062	36.233	ug/L #	85
20) Methyl tert-butyl ether	3.244	73	539825	42.149	ug/L	89
21) tert-Butyl alcohol	3.338	59	76544	177.211	ug/L	93
22) Diisopropyl ether	3.569	45	573642	35.659	ug/L	95
23) 1,1-Dichloroethane	3.700	63	389305	40.227	ug/L	97
24) Halothane	3.757	117	171325	42.738	ug/L	99
25) Acrylonitrile	3.757	53	37706	37.145	ug/L	95
26) Ethyl tert-butyl ether	3.894	59	558533	37.192	ug/L	96
27) Vinyl acetate	3.925	43	335942	36.143	ug/L #	95
28) cis-1,2-Dichloroethene	4.187	96	241214	41.330	ug/L	85
29) 2,2-Dichloropropane	4.271	77	335243	42.087	ug/L	87

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A01.D
Acq On : 29 Dec 2025 5:17 am
Operator : VOA104:MJV
Sample : WG2160213-2
Misc : WG2160213,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 29 05:46:38 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
30) Bromochloromethane	4.371	128	99075	36.441	ug/L		89
31) Cyclohexane	4.355	56	318380	40.464	ug/L		79
32) Chloroform	4.439	83	375397	40.920	ug/L		95
33) Ethyl acetate	4.549	43	105472	33.272	ug/L	#	94
34) Carbon tetrachloride	4.554	117	292216	39.372	ug/L		99
35) Tetrahydrofuran	4.575	42	39844	34.358	ug/L	#	88
37) 1,1,1-Trichloroethane	4.617	97	321236	41.645	ug/L		95
39) 2-Butanone	4.722	43	37985	28.432	ug/L	#	47
40) 1,1-Dichloropropene	4.738	75	280596	46.091	ug/L		98
41) Benzene	4.968	78	778717	42.924	ug/L		94
42) tert-Amyl methyl ether	5.073	73	487113	38.636	ug/L		91
44) 1,2-Dichloroethane	5.173	62	211689	32.953	ug/L		96
47) Methyl cyclohexane	5.519	83	349317	45.966	ug/L	#	79
48) Trichloroethene	5.545	95	216264	44.802	ug/L		96
50) Dibromomethane	5.980	93	111603	35.645	ug/L		97
51) 1,2-Dichloropropane	6.075	63	194661	37.023	ug/L		98
54) Bromodichloromethane	6.153	83	274750	38.312	ug/L		100
57) 1,4-Dioxane	6.363	88	65960	2115.681	ug/L		87
58) cis-1,3-Dichloropropene	6.825	75	324631	41.946	ug/L	#	89
61) Toluene	7.076	92	478969	44.041	ug/L		99
62) 4-Methyl-2-pentanone	7.522	58	46094	38.671	ug/L	#	94
63) Tetrachloroethene	7.511	166	228091	44.258	ug/L		99
65) trans-1,3-Dichloropropene	7.569	75	260449	44.132	ug/L		89
67) Ethyl methacrylate	7.763	69	186926	42.151	ug/L		99
68) 1,1,2-Trichloroethane	7.747	83	129689	40.199	ug/L		97
69) Chlorodibromomethane	7.952	129	190980	38.289	ug/L		99
70) 1,3-Dichloropropane	8.062	76	249319	43.956	ug/L		100
71) 1,2-Dibromoethane	8.214	107	152021	42.803	ug/L		99
72) 2-Hexanone	8.529	43	70782	34.895	ug/L		97
73) Chlorobenzene	8.854	112	529900	43.405	ug/L		98
74) Ethylbenzene	8.896	91	917167	46.980	ug/L		98
75) 1,1,1,2-Tetrachloroethane	8.943	131	182376	39.253	ug/L		98
76) p/m Xylene	9.079	106	679676	91.699	ug/L		96
77) o Xylene	9.619	106	664951	88.445	ug/L		96
78) Styrene	9.698	104	1045119	85.902	ug/L		98
80) Bromoform	9.724	173	113893	38.238	ug/L		99
82) Isopropylbenzene	10.033	105	866352	47.689	ug/L		99
84) Bromobenzene	10.505	156	211583	41.681	ug/L		99
85) n-Propylbenzene	10.558	91	1051995	50.705	ug/L		97
86) 1,4-Dichlorobutane	10.584	55	207621	38.508	ug/L		98
87) 1,1,2,2-Tetrachloroethane	10.673	83	180572	42.859	ug/L		99

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A01.D
Acq On : 29 Dec 2025 5:17 am
Operator : VOA104:MJV
Sample : WG2160213-2
Misc : WG2160213,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 29 05:46:38 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
88) 4-Ethyltoluene	10.694	105	846948	48.910	ug/L		98
89) 2-Chlorotoluene	10.731	91	594053M6	48.009	ug/L		
90) 1,3,5-Trimethylbenzene	10.804	105	703559	47.054	ug/L		99
91) 1,2,3-Trichloropropane	10.809	75	122562	42.023	ug/L		95
92) trans-1,4-Dichloro-2-b...	10.877	53	38539	33.781	ug/L	#	57
93) 4-Chlorotoluene	10.930	91	602209	47.952	ug/L		98
94) tert-Butylbenzene	11.161	119	588415	45.278	ug/L		97
97) 1,2,4-Trimethylbenzene	11.244	105	687200	45.612	ug/L		99
98) sec-Butylbenzene	11.360	105	932344	48.959	ug/L		97
99) p-Isopropyltoluene	11.522	119	773654	46.987	ug/L		98
100) 1,3-Dichlorobenzene	11.585	146	388520	43.483	ug/L		99
101) 1,4-Dichlorobenzene	11.685	146	393343	42.340	ug/L		99
102) p-Diethylbenzene	11.916	119	466694	47.329	ug/L		97
103) n-Butylbenzene	11.973	91	756733	51.522	ug/L		98
104) 1,2-Dichlorobenzene	12.120	146	357335	41.637	ug/L		98
105) 1,2,4,5-Tetramethylben...	12.733	119	715463	46.733	ug/L		98
106) 1,2-Dibromo-3-chloropr...	12.922	155	26483	38.486	ug/L		99
107) 1,3,5-Trichlorobenzene	12.954	180	330717	48.276	ug/L		99
108) Hexachlorobutadiene	13.536	225	182906	52.416	ug/L		99
109) 1,2,4-Trichlorobenzene	13.562	180	270475	47.806	ug/L		99
110) Naphthalene	13.855	128	434408	42.491	ug/L		100
111) 1,2,3-Trichlorobenzene	14.023	180	210551	44.049	ug/L		98

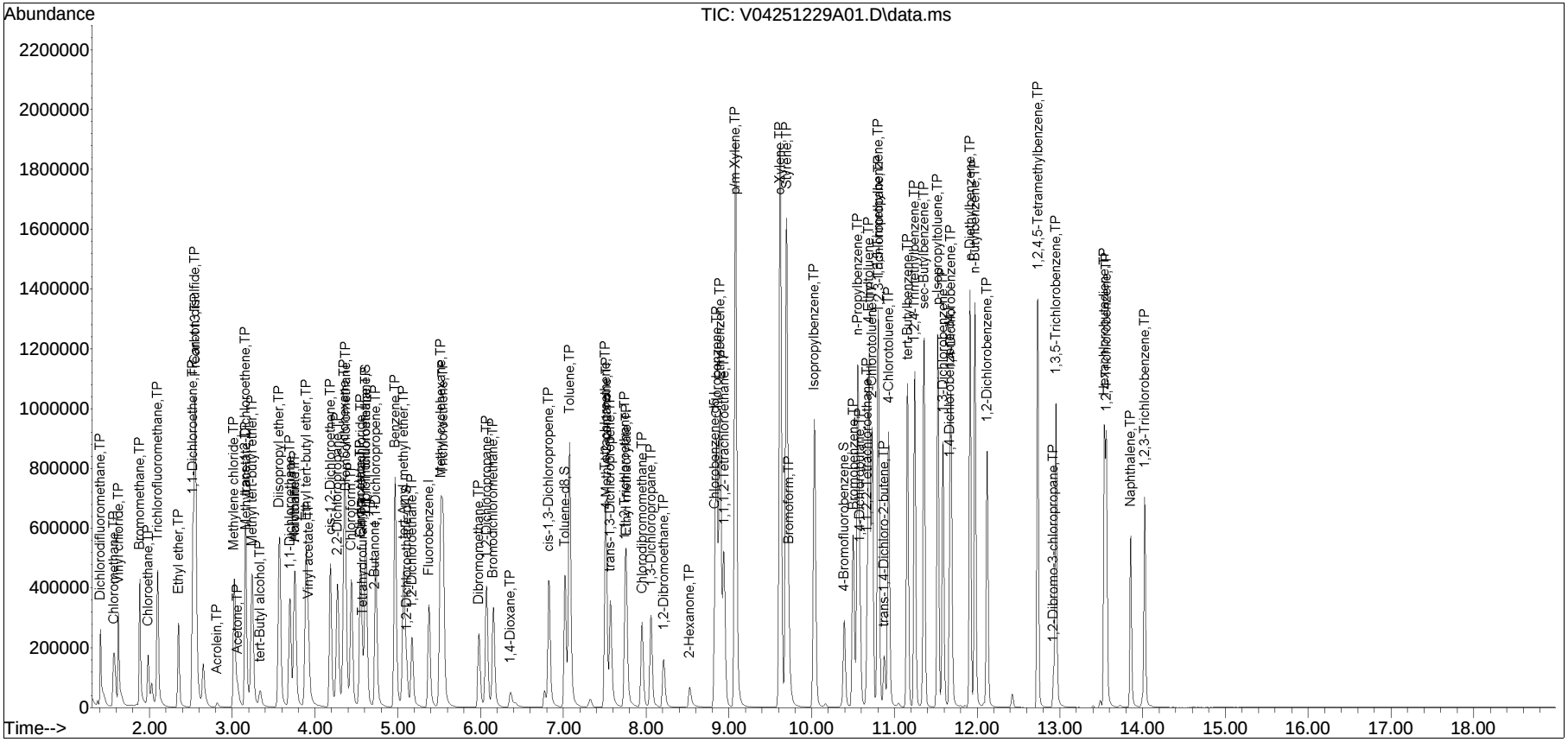
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A01.D
Acq On : 29 Dec 2025 5:17 am
Operator : VOA104:MJV
Sample : WG2160213-2
Misc : WG2160213,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 29 05:46:38 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

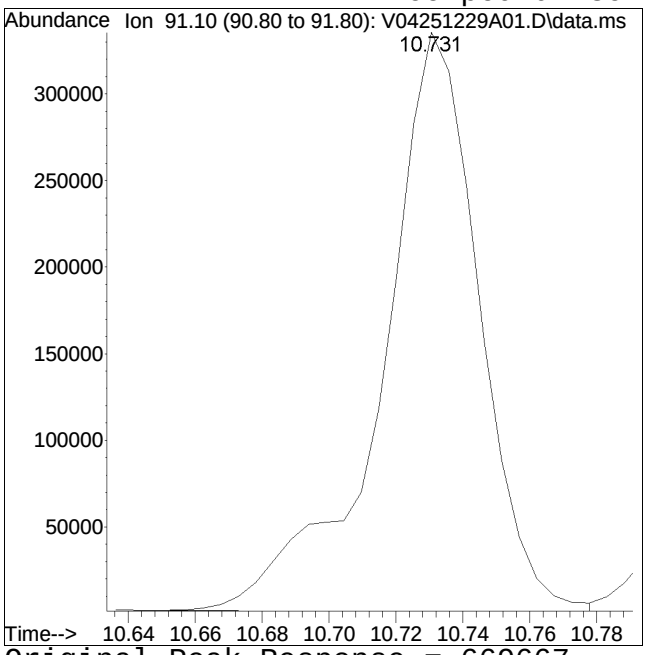
Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO



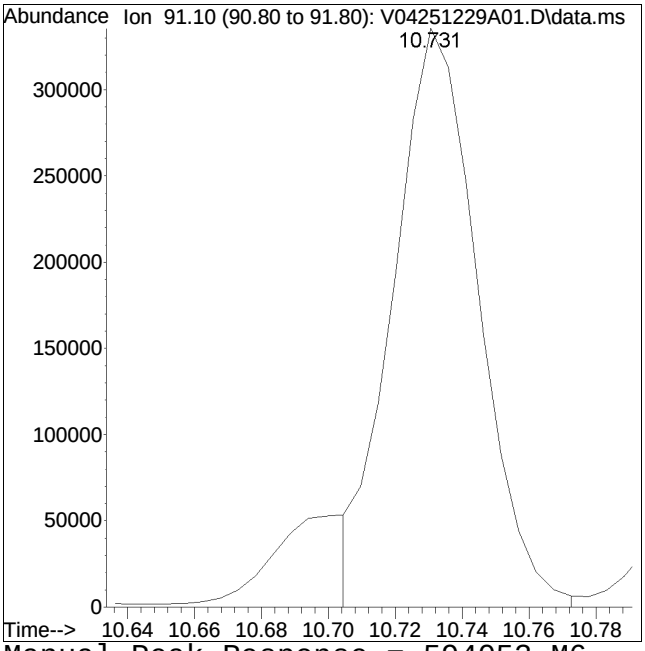
Manual Integration Report

Data Path	: K:\VOA104\2025\251229A\	QMethod	: V104_251119A_8260.m
Data File	: V04251229A01.D	Operator	: VOA104:MJV
Date Inj'd	: 12/29/2025 5:17 am	Instrument	: VOA104
Sample	: WG2160213-2	Quant Date	: 12/29/2025 5:44 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 669667



Manual Peak Response = 594053 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A01.D
Acq On : 31 Dec 2025 06:52 am
Operator : VOA123:MJV
Sample : WG2160756-2
Misc : WG2160756,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 31 07:43:16 2025
Quant Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	66	0.00
2	TP	Dichlorodifluoromethane	0.220	0.198	10.0	58	0.00
3	TP	Chloromethane	0.240	0.249	-3.8	67	0.00
4	TC	Vinyl chloride	0.260	0.201	22.7#	49#	0.00
5	TP	Bromomethane	0.166	0.156	6.0	63	0.00
6	TP	Chloroethane	0.180	0.123	31.7#	45#	0.00
7	TP	Trichlorofluoromethane	0.393	0.372	5.3	61	0.00
8	TP	Ethyl ether	0.132	0.137	-3.8	66	0.00
10	TC	1,1-Dichloroethene	0.208	0.212	-1.9	66	0.00
11	TP	Carbon disulfide	0.767	0.722	5.9	65	0.00
12	TP	Freon-113	0.211	0.229	-8.5	70	0.00
14	TP	Acrolein	0.026	0.019	26.9#	47#	0.00
15	TP	Methylene chloride	0.270	0.268	0.7	66	0.00
17	TP	Acetone	* 40.000	60.586	-51.5#	95	0.00
18	TP	trans-1,2-Dichloroethene	0.243	0.255	-4.9	66	0.00
19	TP	Methyl acetate	0.104	0.135	-29.8#	83	0.00
20	TP	Methyl tert-butyl ether	0.694	0.751	-8.2	70	0.00
21	TP	tert-Butyl alcohol	0.019	0.021	-10.5	66	-0.01
22	TP	Diisopropyl ether	0.750	0.916	-22.1#	79	0.00
23	TP	1,1-Dichloroethane	0.447	0.502	-12.3	71	0.00
24	TP	Halothane	0.181	0.191	-5.5	67	0.00
25	TP	Acrylonitrile	0.054	0.070	-29.6#	84	0.00
26	TP	Ethyl tert-butyl ether	0.760	0.881	-15.9	74	0.00
27	TP	Vinyl acetate	0.517	0.594	-14.9	73	0.00
28	TP	cis-1,2-Dichloroethene	0.279	0.281	-0.7	64	0.00
29	TP	2,2-Dichloropropane	0.368	0.422	-14.7	73	0.00
30	TP	Bromochloromethane	0.125	0.132	-5.6	66	0.00
31	TP	Cyclohexane	0.373	0.437	-17.2	76	0.00
32	TC	Chloroform	0.547	0.506	7.5	68	0.00
33	TP	Ethyl acetate	0.175	0.199	-13.7	74	0.00
34	TP	Carbon tetrachloride	0.355	0.408	-14.9	74	0.00
35	TP	Tetrahydrofuran	0.055	0.061	-10.9	74	0.00
36	S	Dibromofluoromethane	0.252	0.267	-6.0	69	0.00
37	TP	1,1,1-Trichloroethane	0.378	0.454	-20.1#	74	0.00
39	TP	2-Butanone	0.076	0.078	-2.6	73	0.00
40	TP	1,1-Dichloropropene	0.295	0.340	-15.3	72	0.00
41	TP	Benzene	0.932	0.968	-3.9	65	0.00
42	TP	tert-Amyl methyl ether	0.674	0.697	-3.4	66	0.00
43	S	1,2-Dichloroethane-d4	0.258	0.282	-9.3	73	0.00

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A01.D
Acq On : 31 Dec 2025 06:52 am
Operator : VOA123:MJV
Sample : WG2160756-2
Misc : WG2160756,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 31 07:43:16 2025
Quant Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.340	0.392	-15.3	74	0.00
47	TP	Methyl cyclohexane	0.403	0.409	-1.5	65	0.00
48	TP	Trichloroethene	0.256	0.276	-7.8	67	0.00
50	TP	Dibromomethane	0.152	0.154	-1.3	64	0.00
51	TC	1,2-Dichloropropane	0.257	0.274	-6.6	68	0.00
54	TP	Bromodichloromethane	0.360	0.393	-9.2	67	0.00
57	TP	1,4-Dioxane	0.00149	0.00150#	-0.7	61	0.00
58	TP	cis-1,3-Dichloropropene	0.396	0.421	-6.3	64	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	68	0.00
60	S	Toluene-d8	1.353	1.300	3.9	66	0.00
61	TC	Toluene	0.850	0.837	1.5	65	0.00
62	TP	4-Methyl-2-pentanone	0.091	0.096	-5.5	66	0.00
63	TP	Tetrachloroethene	0.366	0.411	-12.3	71	0.00
65	TP	trans-1,3-Dichloropropene	0.479	0.507	-5.8	66	0.00
67	TP	Ethyl methacrylate	0.361	0.345	4.4	60	0.00
68	TP	1,1,2-Trichloroethane	0.244	0.239	2.0	64	0.00
69	TP	Chlorodibromomethane	0.351	0.384	-9.4	68	0.00
70	TP	1,3-Dichloropropane	0.482	0.480	0.4	65	0.00
71	TP	1,2-Dibromoethane	0.271	0.281	-3.7	64	0.00
72	TP	2-Hexanone	0.162	0.145	10.5	62	0.00
73	TP	Chlorobenzene	0.972	0.961	1.1	64	0.00
74	TC	Ethylbenzene	1.683	1.656	1.6	66	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.355	0.384	-8.2	67	0.00
76	TP	p/m Xylene	0.629	0.627	0.3	64	0.00
77	TP	o Xylene	0.635	0.614	3.3	62	0.00
78	TP	Styrene	1.070	1.014	5.2	60	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	71	0.00
80	TP	Bromoform	0.434	0.433	0.2	68	0.00
82	TP	Isopropylbenzene	2.998	2.897	3.4	66	0.00
83	S	4-Bromofluorobenzene	0.894	0.836	6.5	66	0.00
84	TP	Bromobenzene	0.808	0.751	7.1	63	0.00
85	TP	n-Propylbenzene	3.569	3.338	6.5	64	0.00
86	TP	1,4-Dichlorobutane	0.911	0.906	0.5	69	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.660	0.595	9.8	61	0.00
88	TP	4-Ethyltoluene	2.970	2.853	3.9	65	0.00
89	TP	2-Chlorotoluene	2.229	2.080	6.7	64	0.00
90	TP	1,3,5-Trimethylbenzene	2.635	2.495	5.3	64	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A01.D
Acq On : 31 Dec 2025 06:52 am
Operator : VOA123:MJV
Sample : WG2160756-2
Misc : WG2160756,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 31 07:43:16 2025
Quant Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 TP	1,2,3-Trichloropropane	0.522	0.469	10.2	63	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.184	0.163	11.4	61	0.00
93 TP	4-Chlorotoluene	2.265	2.120	6.4	64	0.00
94 TP	tert-Butylbenzene	2.206	2.108	4.4	65	0.00
97 TP	1,2,4-Trimethylbenzene	2.619	2.494	4.8	65	0.00
98 TP	sec-Butylbenzene	3.300	3.104	5.9	64	0.00
99 TP	p-Isopropyltoluene	2.858	2.759	3.5	65	0.00
100 TP	1,3-Dichlorobenzene	1.528	1.476	3.4	65	0.00
101 TP	1,4-Dichlorobenzene	1.565	1.482	5.3	65	0.00
102 TP	p-Diethylbenzene	1.692	1.663	1.7	66	0.00
103 TP	n-Butylbenzene	2.564	2.538	1.0	66	0.00
104 TP	1,2-Dichlorobenzene	1.432	1.388	3.1	65	0.00
105 TP	1,2,4,5-Tetramethylbenzene	2.755	2.744	0.4	67	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.101	0.098	3.0	67	0.00
107 TP	1,3,5-Trichlorobenzene	1.176	1.264	-7.5	73	0.00
108 TP	Hexachlorobutadiene	0.586	0.647	-10.4	75	0.00
109 TP	1,2,4-Trichlorobenzene	1.032	1.105	-7.1	71	0.00
110 TP	Naphthalene	1.978	1.888	4.6	65	0.00
111 TP	1,2,3-Trichlorobenzene	0.884	0.959	-8.5	71	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 1 CCC's out = 1

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A01.D
Acq On : 31 Dec 2025 06:52 am
Operator : VOA123:MJV
Sample : WG2160756-2
Misc : WG2160756,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 31 07:43:16 2025
Quant Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251231A\V23251231A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.520	96	133028	20.000	ug/L	0.00
Standard Area 1 = 133028			Recovery = 100.00%			
59) Chlorobenzene-d5	8.990	117	99393	20.000	ug/L	0.00
Standard Area 1 = 99393			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	11.803	152	56524	20.000	ug/L	0.00
Standard Area 1 = 56524			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.734	113	35496	21.183	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.92%			
43) 1,2-Dichloroethane-d4	5.239	65	37567	21.903	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 109.51%			
60) Toluene-d8	7.174	98	129199	19.221	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.10%			
83) 4-Bromofluorobenzene	10.537	95	47241	18.694	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.47%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.468	85	52764M1	36.011	ug/L	
3) Chloromethane	1.666	50	66171M1	41.522	ug/L	
4) Vinyl chloride	1.694	62	53423M1	30.883	ug/L	
5) Bromomethane	1.962	94	41448	37.460	ug/L	88
6) Chloroethane	2.074	64	32669	27.249	ug/L	91
7) Trichlorofluoromethane	2.194	101	98907M1	37.801	ug/L	
8) Ethyl ether	2.456	74	36476	41.690	ug/L #	76
10) 1,1-Dichloroethene	2.631	96	56506	40.819	ug/L	82
11) Carbon disulfide	2.656	76	192072	37.661	ug/L	98
12) Freon-113	2.665	101	60839	43.317	ug/L	94
14) Acrolein	2.919	56	4954	28.414	ug/L	97
15) Methylene chloride	3.131	84	71344	39.701	ug/L	78
17) Acetone	3.172	43	25113	60.586	ug/L	91
18) trans-1,2-Dichloroethene	3.276	96	67785	41.886	ug/L	90
19) Methyl acetate	3.281	43	35935	51.889	ug/L #	88
20) Methyl tert-butyl ether	3.362	73	199939	43.325	ug/L	92
21) tert-Butyl alcohol	3.440	59	27462	217.140	ug/L	96
22) Diisopropyl ether	3.699	45	243831	48.902	ug/L	95
23) 1,1-Dichloroethane	3.819	63	133545	44.875	ug/L	98
24) Halothane	3.870	117	50720	42.083	ug/L	99
25) Acrylonitrile	3.867	53	18650M1	51.995	ug/L	

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A01.D
Acq On : 31 Dec 2025 06:52 am
Operator : VOA123:MJV
Sample : WG2160756-2
Misc : WG2160756,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 31 07:43:16 2025
Quant Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251231A\V23251231A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.029	59	234483	46.405	ug/L		91
27) Vinyl acetate	4.045	43	157936	45.889	ug/L	#	92
28) cis-1,2-Dichloroethene	4.310	96	74841	40.351	ug/L		88
29) 2,2-Dichloropropane	4.405	77	112199	45.808	ug/L		91
30) Bromochloromethane	4.497	128	35227	42.528	ug/L		87
31) Cyclohexane	4.500	56	116329	46.900	ug/L		84
32) Chloroform	4.564	83	134673	37.000	ug/L		97
33) Ethyl acetate	4.675	43	53064	45.577	ug/L	#	90
34) Carbon tetrachloride	4.692	117	108618	46.062	ug/L		99
35) Tetrahydrofuran	4.715	42	16300M6	44.203	ug/L		
37) 1,1,1-Trichloroethane	4.756	97	120798	48.003	ug/L		98
39) 2-Butanone	4.848	43	20638	40.850	ug/L	#	57
40) 1,1-Dichloropropene	4.879	75	90403	46.142	ug/L		98
41) Benzene	5.111	78	257571	41.535	ug/L	#	93
42) tert-Amyl methyl ether	5.222	73	185573	41.385	ug/L	#	90
44) 1,2-Dichloroethane	5.306	62	104242	46.083	ug/L		98
47) Methyl cyclohexane	5.679	83	108944	40.671	ug/L	#	79
48) Trichloroethene	5.693	95	73450	43.149	ug/L		99
50) Dibromomethane	6.117	93	41029	40.566	ug/L		96
51) 1,2-Dichloropropane	6.212	63	72850	42.675	ug/L		98
54) Bromodichloromethane	6.290	83	104485	43.593	ug/L		99
57) 1,4-Dioxane	6.505	88	19963M1	2016.624	ug/L		
58) cis-1,3-Dichloropropene	6.971	75	112042	42.490	ug/L	#	89
61) Toluene	7.227	92	166380	39.377	ug/L		99
62) 4-Methyl-2-pentanone	7.665	58	19061	42.371	ug/L		84
63) Tetrachloroethene	7.671	166	81695	44.948	ug/L		98
65) trans-1,3-Dichloropropene	7.707	75	100725	42.322	ug/L		99
67) Ethyl methacrylate	7.910	69	68573	38.215	ug/L		88
68) 1,1,2-Trichloroethane	7.888	83	47451	39.101	ug/L		99
69) Chlorodibromomethane	8.094	129	76314	43.775	ug/L		99
70) 1,3-Dichloropropane	8.203	76	95469	39.845	ug/L		100
71) 1,2-Dibromoethane	8.357	107	55888	41.490	ug/L		99
72) 2-Hexanone	8.669	43	28810M1	35.678	ug/L		
73) Chlorobenzene	9.009	112	191100	39.577	ug/L		88
74) Ethylbenzene	9.054	91	329098	39.346	ug/L		98
75) 1,1,1,2-Tetrachloroethane	9.093	131	76432	43.321	ug/L		97
76) p/m Xylene	9.241	106	249299	79.717	ug/L		95
77) o Xylene	9.782	106	244211	77.376	ug/L		96
78) Styrene	9.854	104	403067	75.790	ug/L		96
80) Bromoform	9.868	173	48968	39.911	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A01.D
Acq On : 31 Dec 2025 06:52 am
Operator : VOA123:MJV
Sample : WG2160756-2
Misc : WG2160756,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 31 07:43:16 2025
Quant Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251231A\V23251231A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
82) Isopropylbenzene	10.194	105	327537	38.656	ug/L	98
84) Bromobenzene	10.649	156	84860	37.152	ug/L	100
85) n-Propylbenzene	10.707	91	377329	37.409	ug/L	100
86) 1,4-Dichlorobutane	10.719	55	102477	39.810	ug/L	94
87) 1,1,2,2-Tetrachloroethane	10.802	83	67316	36.102	ug/L	100
88) 4-Ethyltoluene	10.841	105	322493	38.420	ug/L	98
89) 2-Chlorotoluene	10.878	91	235182M6	37.340	ug/L	
90) 1,3,5-Trimethylbenzene	10.947	105	282000	37.873	ug/L	97
91) 1,2,3-Trichloropropane	10.942	75	53035	35.979	ug/L	97
92) trans-1,4-Dichloro-2-b...	11.009	53	18414	35.348	ug/L	83
93) 4-Chlorotoluene	11.070	91	239616	37.434	ug/L	99
94) tert-Butylbenzene	11.301	119	238304	38.225	ug/L	97
97) 1,2,4-Trimethylbenzene	11.382	105	281930	38.095	ug/L	98
98) sec-Butylbenzene	11.499	105	350854	37.620	ug/L	100
99) p-Isopropyltoluene	11.661	119	311931	38.619	ug/L	98
100) 1,3-Dichlorobenzene	11.722	146	166846	38.636	ug/L	99
101) 1,4-Dichlorobenzene	11.817	146	167578	37.876	ug/L	99
102) p-Diethylbenzene	12.049	119	188041	39.320	ug/L	99
103) n-Butylbenzene	12.107	91	286866	39.591	ug/L	99
104) 1,2-Dichlorobenzene	12.247	146	156965	38.777	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.860	119	310184	39.834	ug/L	98
106) 1,2-Dibromo-3-chloropr...	13.047	155	11130	39.014	ug/L	98
107) 1,3,5-Trichlorobenzene	13.081	180	142930	42.989	ug/L	99
108) Hexachlorobutadiene	13.672	225	73104	44.144	ug/L	100
109) 1,2,4-Trichlorobenzene	13.688	180	124955	42.835	ug/L	99
110) Naphthalene	13.979	128	213444	38.179	ug/L	100
111) 1,2,3-Trichlorobenzene	14.151	180	108447	43.416	ug/L	99

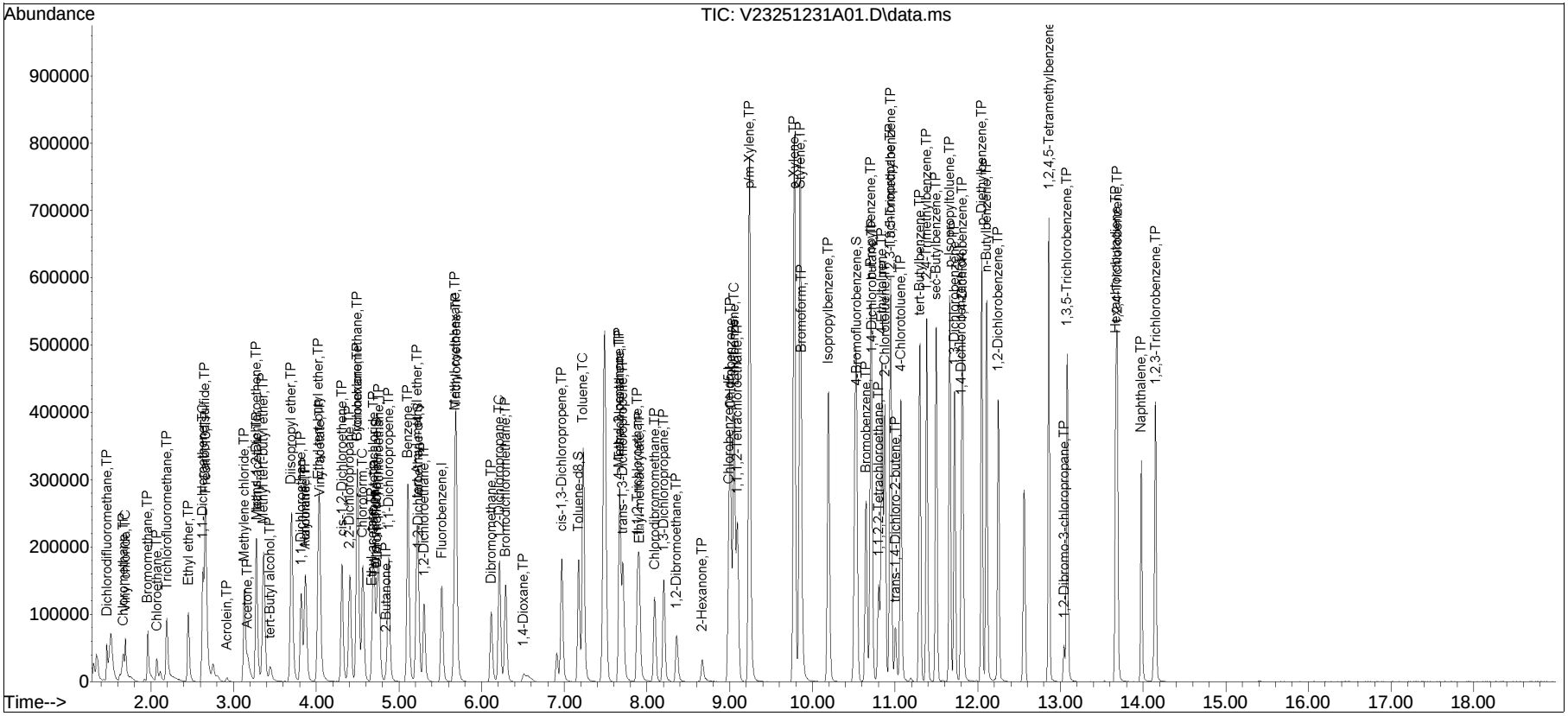
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A01.D
Acq On : 31 Dec 2025 06:52 am
Operator : VOA123:MJV
Sample : WG2160756-2
Misc : WG2160756,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 31 07:43:16 2025
Quant Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

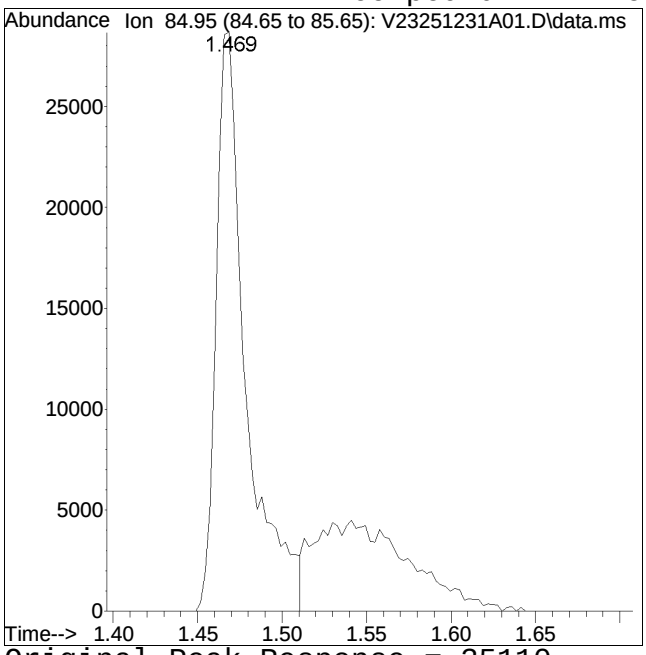
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

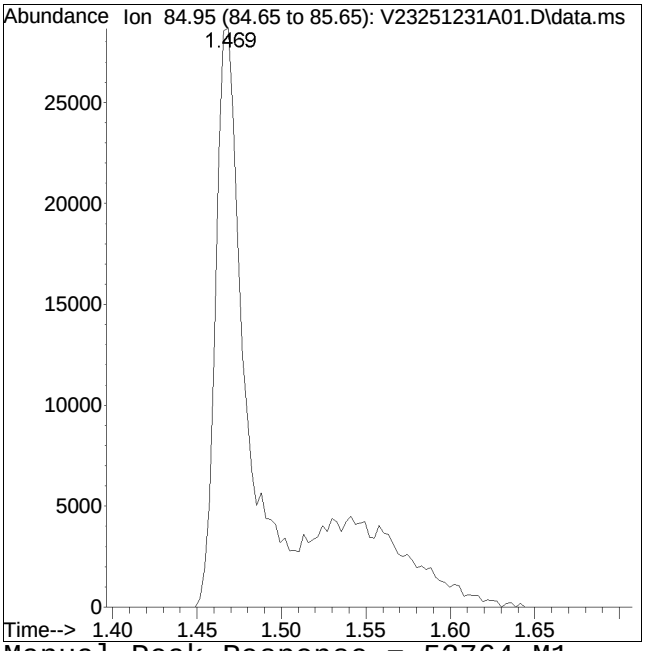


Manual Integration Report

Data Path	: K:\VOA123\2025\251231A\	QMethod	: V123_251103N_8260.m
Data File	: V23251231A01.D	Operator	: VOA123:MJV
Date Inj'd	: 12/31/2025 6:52 am	Instrument	: VOA123
Sample	: WG2160756-2	Quant Date	: 12/31/2025 7:41 am

Compound #2: Dichlorodifluoromethane





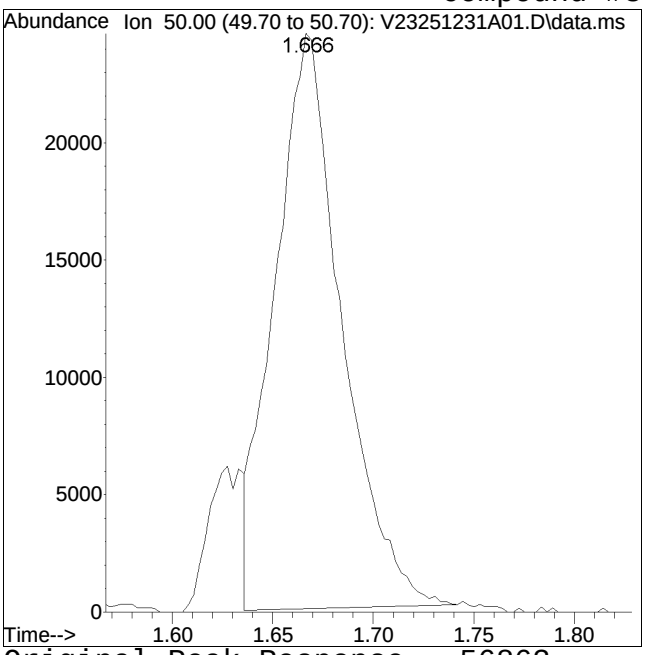
Original Peak Response = 35110 Manual Peak Response = 52764 M1

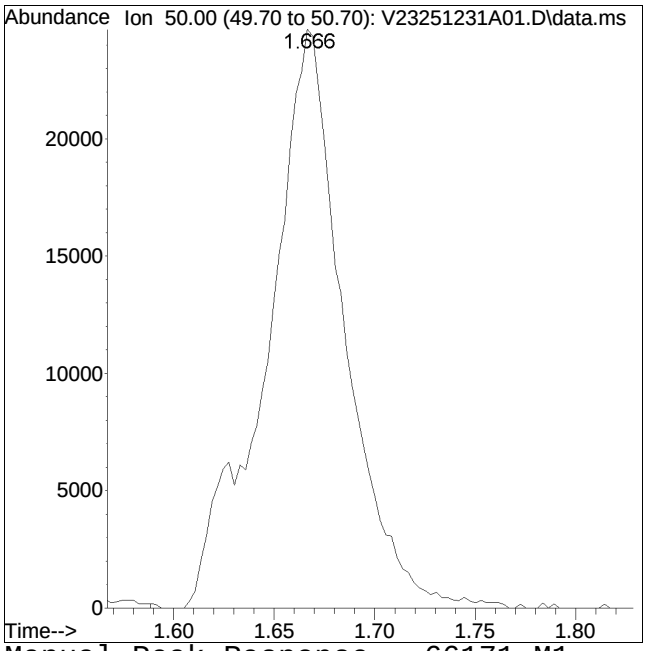
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path	: K:\VOA123\2025\251231A\	QMethod	: V123_251103N_8260.m
Data File	: V23251231A01.D	Operator	: VOA123:MJV
Date Inj'd	: 12/31/2025 6:52 am	Instrument	: VOA123
Sample	: WG2160756-2	Quant Date	: 12/31/2025 7:41 am

Compound #3: Chloromethane





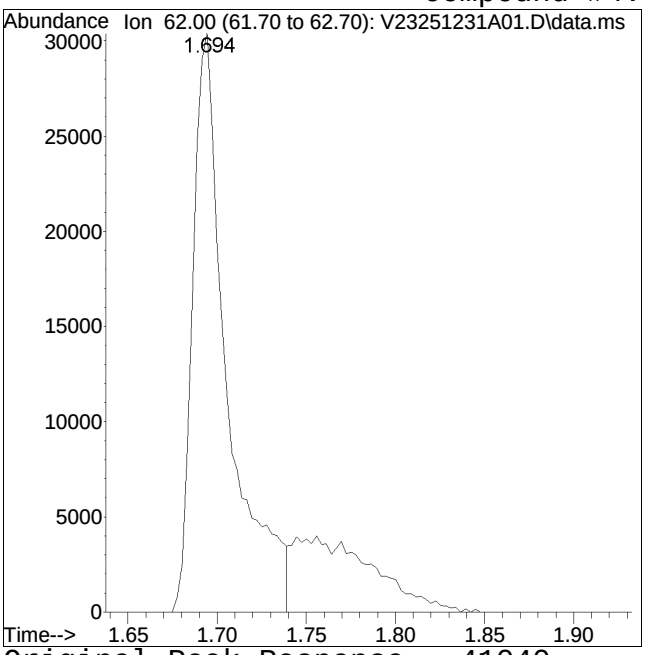
Original Peak Response = 56863 Manual Peak Response = 66171 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

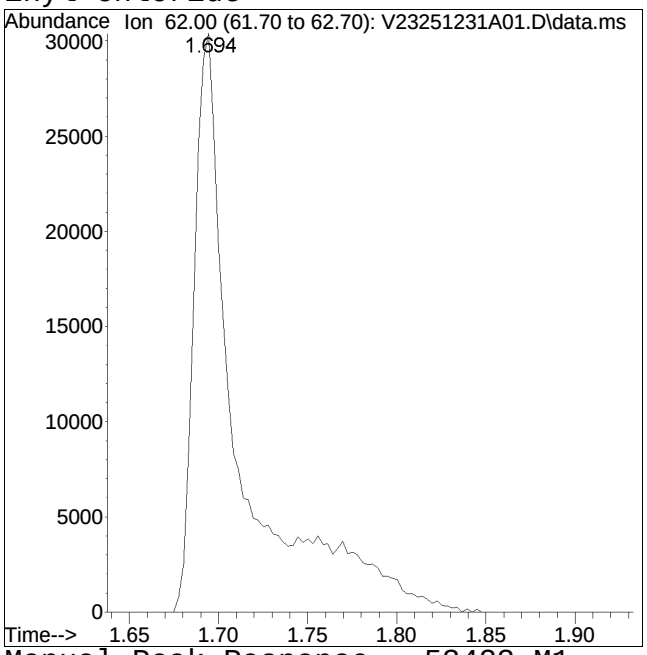
Manual Integration Report

Data Path	: K:\VOA123\2025\251231A\	QMethod	: V123_251103N_8260.m
Data File	: V23251231A01.D	Operator	: VOA123:MJV
Date Inj'd	: 12/31/2025 6:52 am	Instrument	: VOA123
Sample	: WG2160756-2	Quant Date	: 12/31/2025 7:41 am

Compound #4: Vinyl chloride



Original Peak Response = 41040



Manual Peak Response = 53423 M1

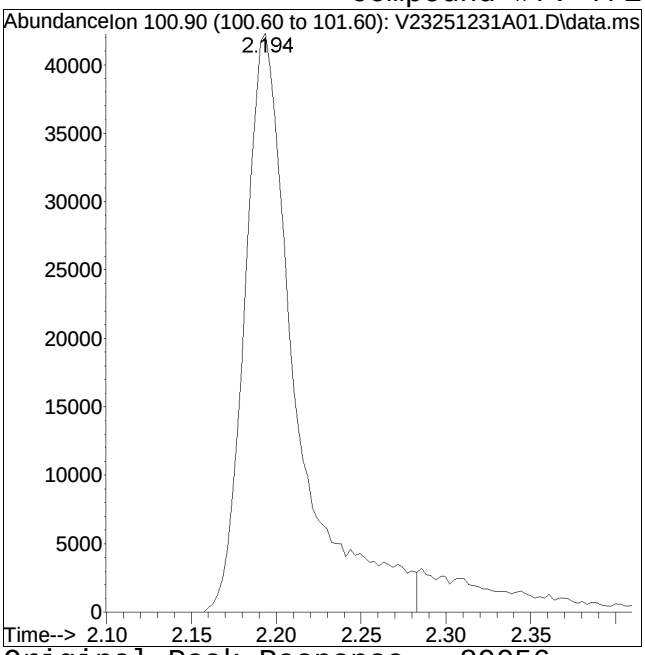
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

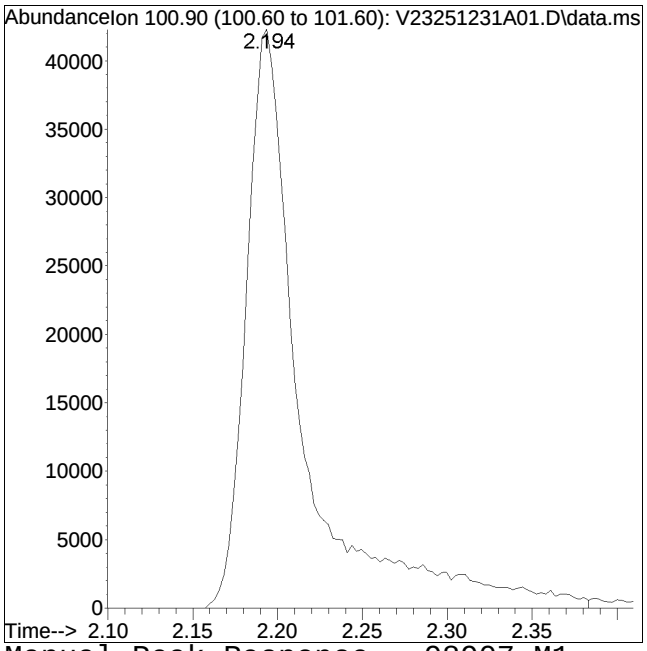
Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A01.D
Date Inj'd : 12/31/2025 6:52 am
Sample : WG2160756-2

QMethod : V123_251103N_8260.m
Operator : VOA123:MJV
Instrument : VOA123
Quant Date : 12/31/2025 7:41 am

Compound #7: Trichlorofluoromethane



Original Peak Response = 89056



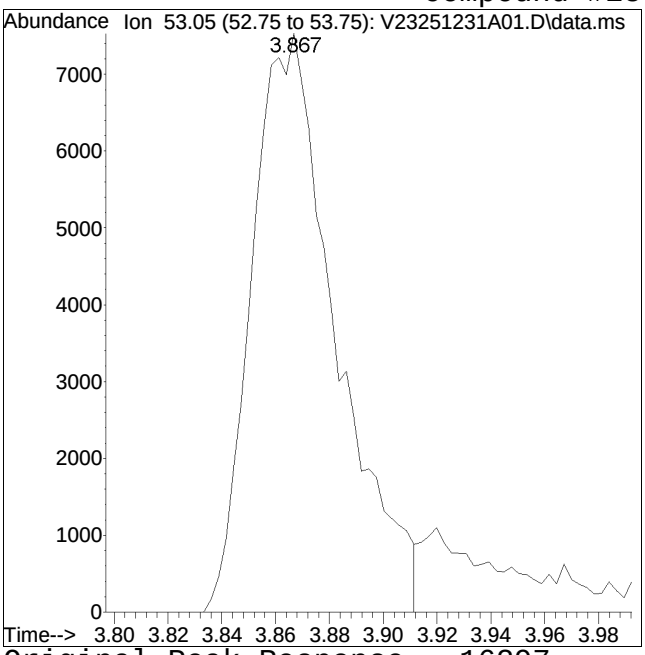
Manual Peak Response = 98907 M1

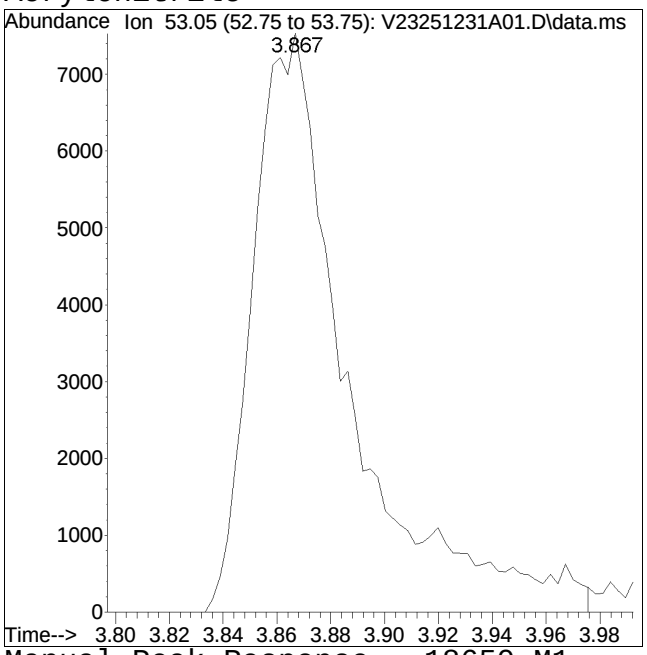
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path	: K:\VOA123\2025\251231A\	QMethod	: V123_251103N_8260.m
Data File	: V23251231A01.D	Operator	: VOA123:MJV
Date Inj'd	: 12/31/2025 6:52 am	Instrument	: VOA123
Sample	: WG2160756-2	Quant Date	: 12/31/2025 7:41 am

Compound #25: Acrylonitrile





Original Peak Response = 16297 Manual Peak Response = 18650 M1

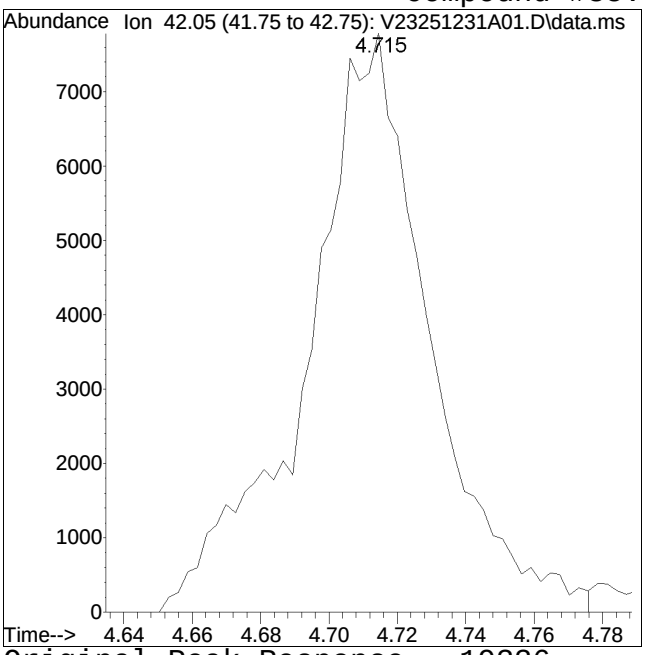
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

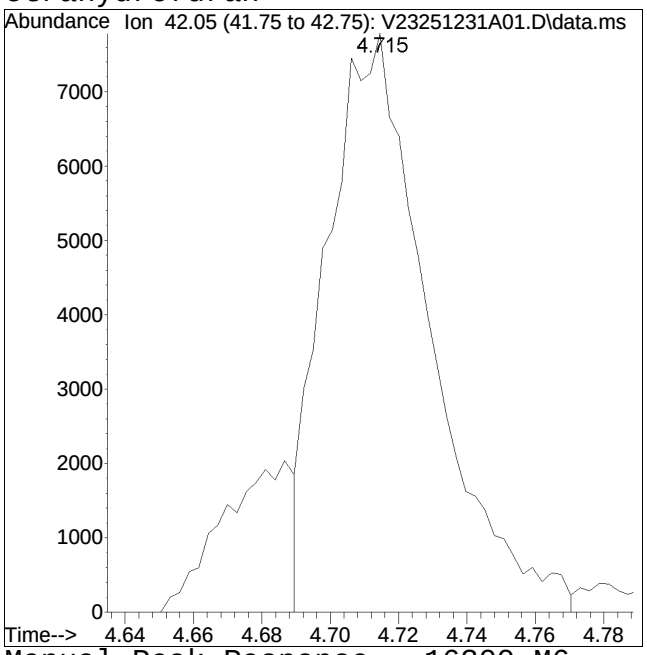
Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A01.D
Date Inj'd : 12/31/2025 6:52 am
Sample : WG2160756-2

QMethod : V123_251103N_8260.m
Operator : VOA123:MJV
Instrument : VOA123
Quant Date : 12/31/2025 7:41 am

Compound #35: Tetrahydrofuran



Original Peak Response = 19336



Manual Peak Response = 16300 M6

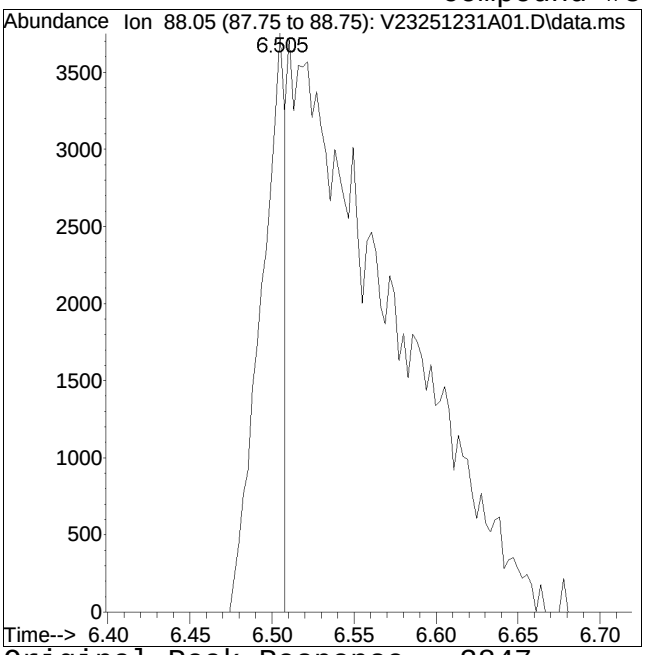
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

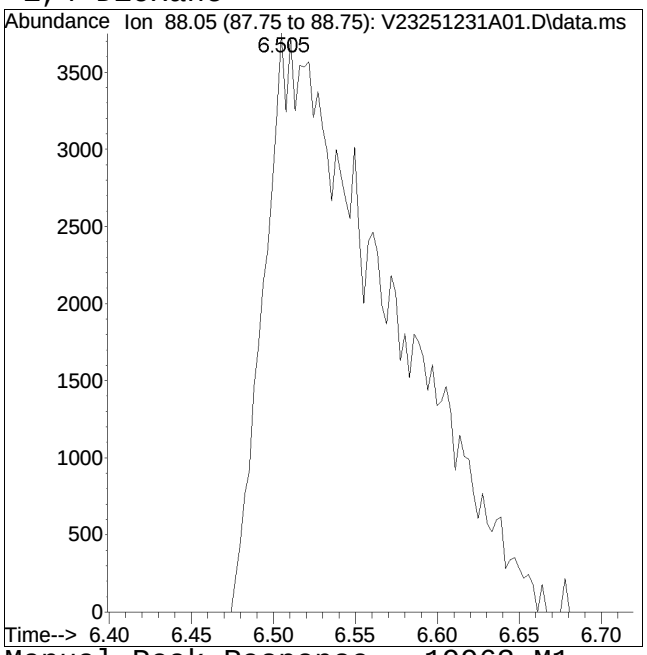
Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A01.D
Date Inj'd : 12/31/2025 6:52 am
Sample : WG2160756-2

QMethod : V123_251103N_8260.m
Operator : VOA123:MJV
Instrument : VOA123
Quant Date : 12/31/2025 7:41 am

Compound #57: 1,4-Dioxane



Original Peak Response = 3847



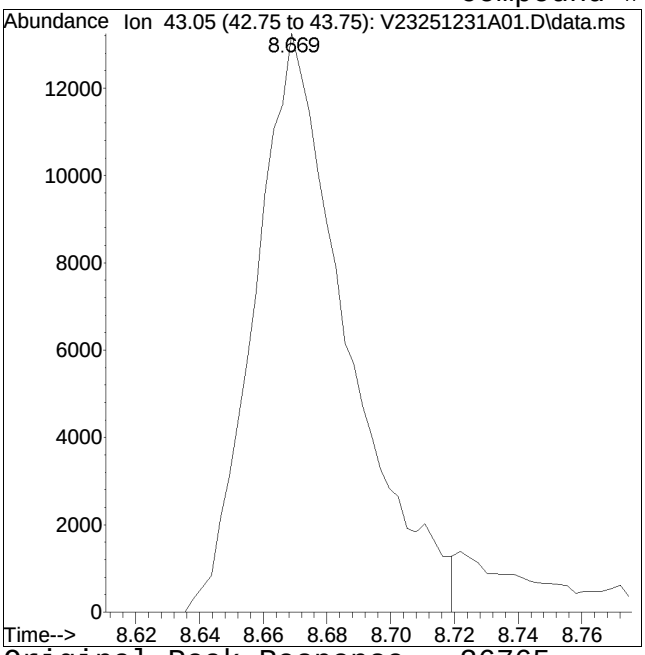
Manual Peak Response = 19963 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

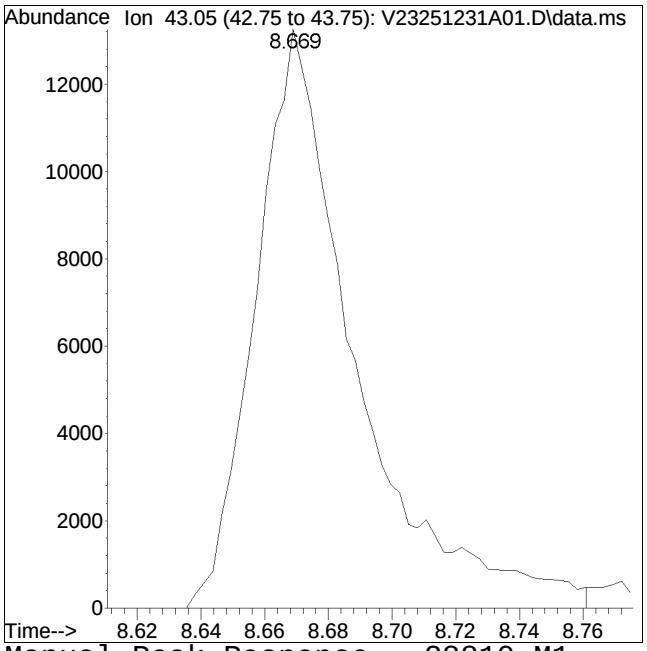
Manual Integration Report

Data Path	: K:\VOA123\2025\251231A\	QMethod	: V123_251103N_8260.m
Data File	: V23251231A01.D	Operator	: VOA123:MJV
Date Inj'd	: 12/31/2025 6:52 am	Instrument	: VOA123
Sample	: WG2160756-2	Quant Date	: 12/31/2025 7:41 am

Compound #72: 2-Hexanone



Original Peak Response = 26765



Manual Peak Response = 28810 M1

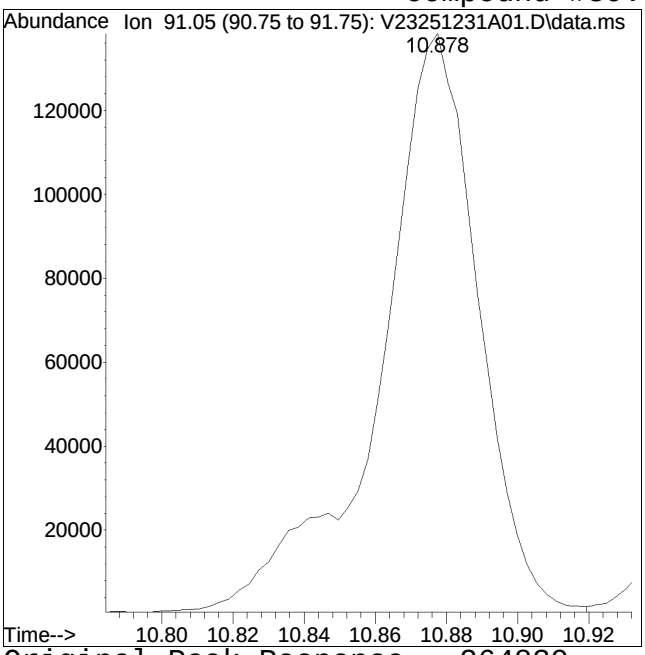
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

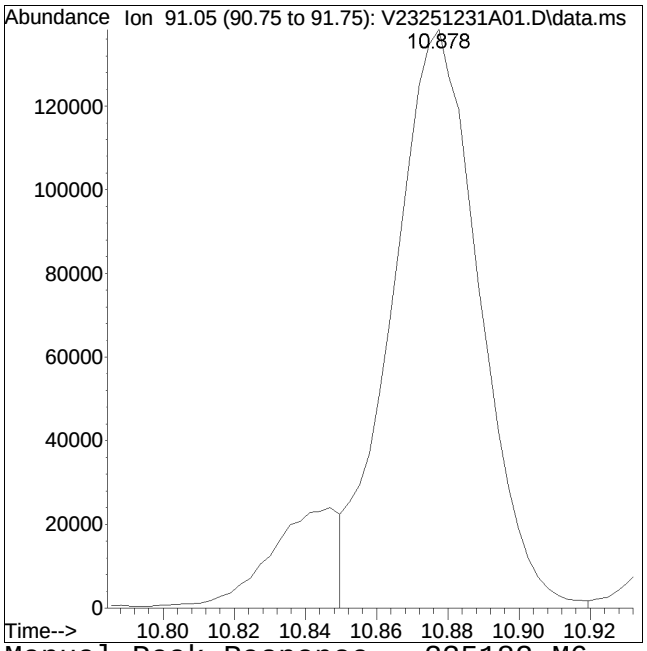
Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A01.D
Date Inj'd : 12/31/2025 6:52 am
Sample : WG2160756-2

QMethod : V123_251103N_8260.m
Operator : VOA123:MJV
Instrument : VOA123
Quant Date : 12/31/2025 7:41 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 264839



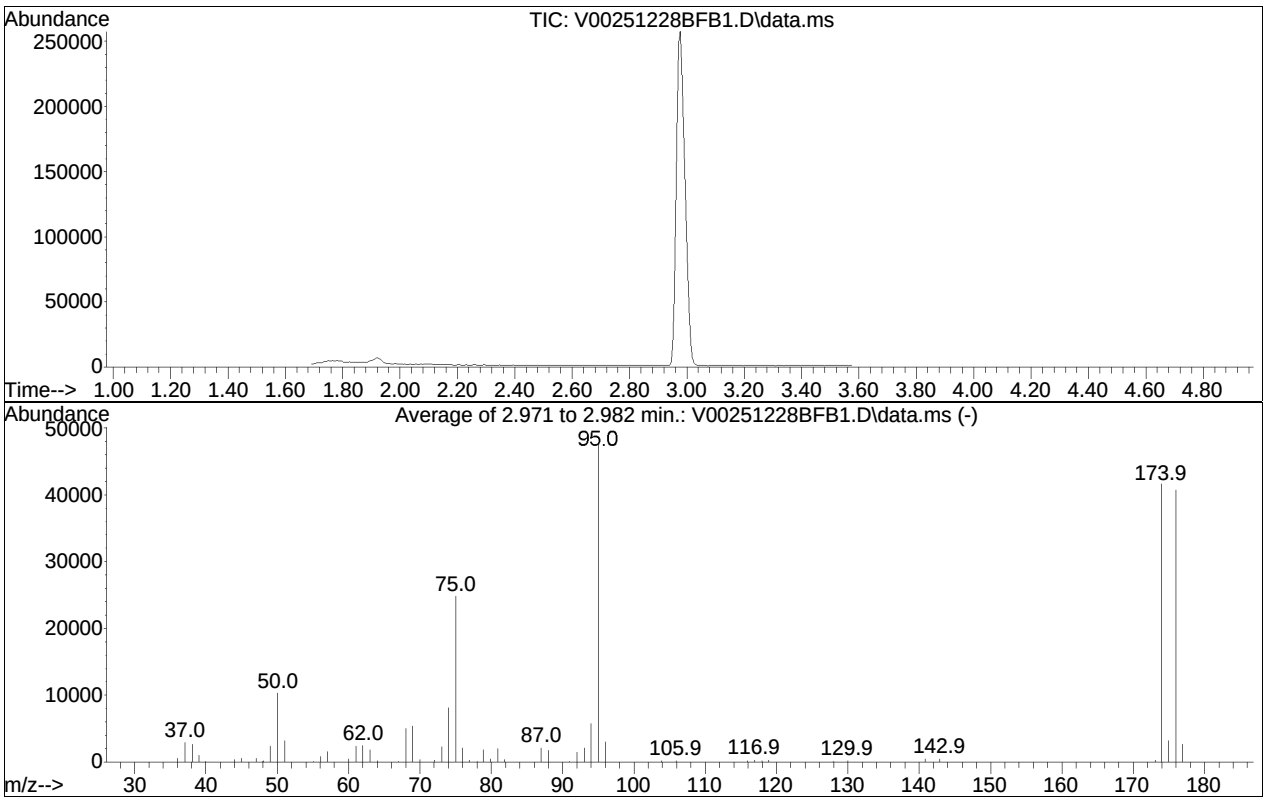
Manual Peak Response = 235182 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228BFB1.D
Acq On : 28 Dec 2025 03:15 pm
Operator : VOA100:RAW
Sample : WG2159676-1
Misc : WG2159676,ICAL22914
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Dec 24 08:02:43 2025



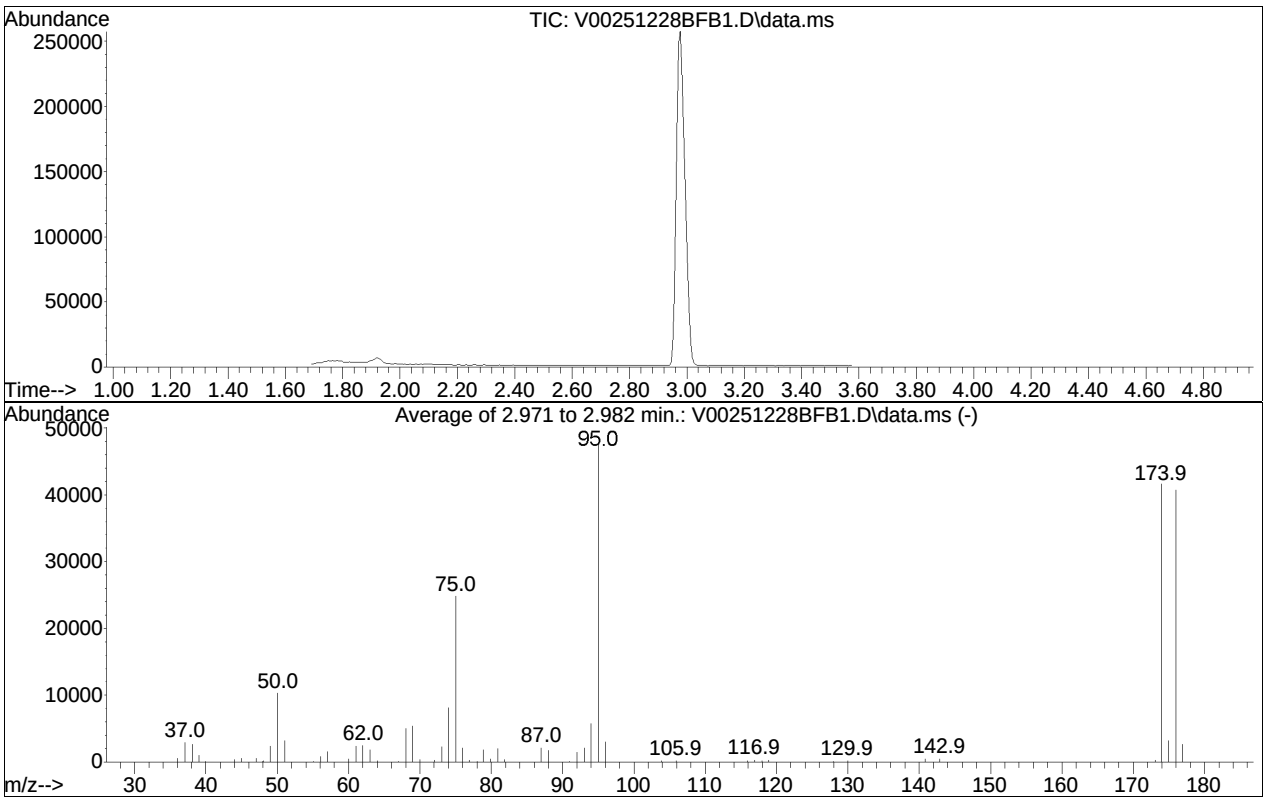
Spectrum Information: Average of 2.971 to 2.982 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.7	10374	PASS
75	95	30	60	51.9	24835	PASS
95	95	100	100	100.0	47808	PASS
96	95	5	9	6.3	2995	PASS
173	174	0.00	2	0.7	306	PASS
174	95	50	100	87.0	41605	PASS
175	174	5	9	7.8	3226	PASS
176	174	95	101	97.9	40723	PASS
177	176	5	9	6.6	2680	PASS

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228BFB1.D
Acq On : 28 Dec 2025 03:15 pm
Operator : VOA100:RAW
Sample : WG2159678-1
Misc : WG2159678,ICAL22914
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Dec 24 08:02:43 2025



Spectrum Information: Average of 2.971 to 2.982 min.

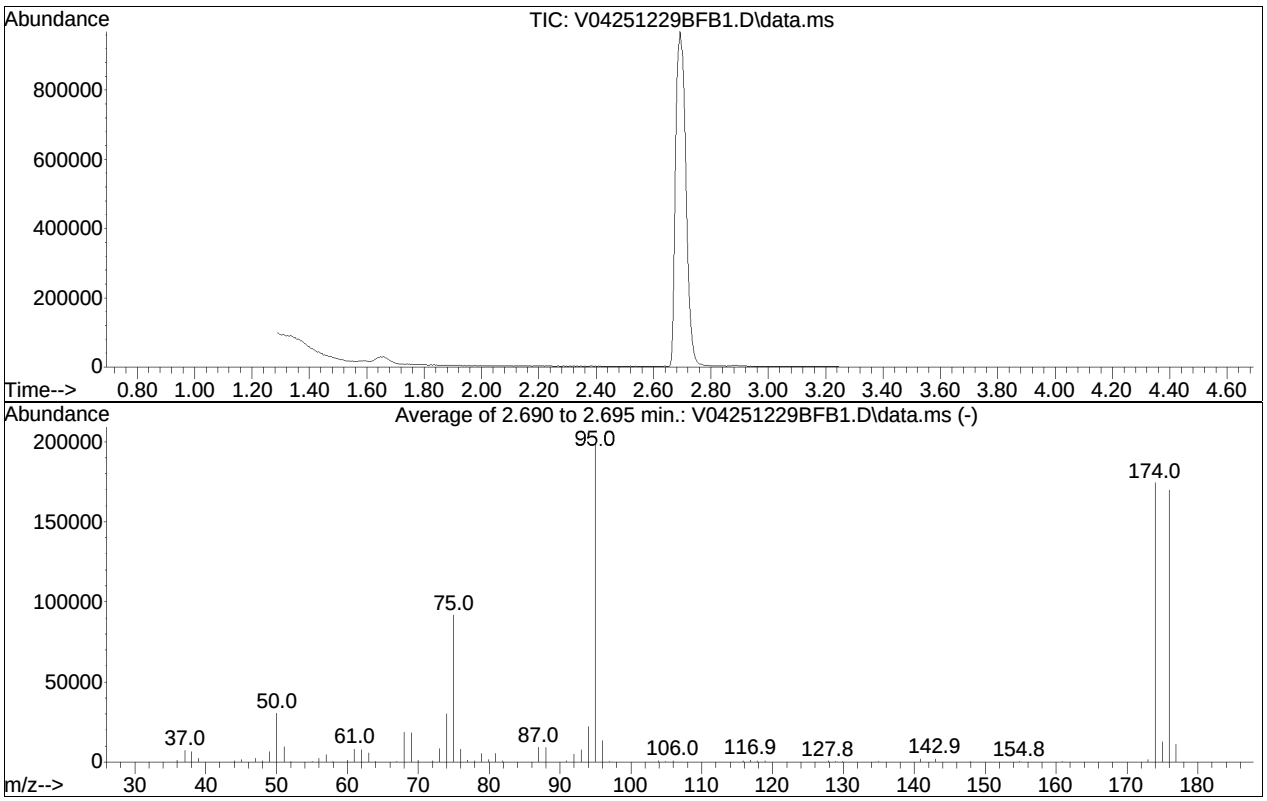
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.7	10374	PASS
75	95	30	60	51.9	24835	PASS
95	95	100	100	100.0	47808	PASS
96	95	5	9	6.3	2995	PASS
173	174	0.00	2	0.7	306	PASS
174	95	50	100	87.0	41605	PASS
175	174	5	9	7.8	3226	PASS
176	174	95	101	97.9	40723	PASS
177	176	5	9	6.6	2680	PASS

BFB

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229BFB1.D
Acq On : 29 Dec 2025 4:56 am
Operator : VOA104:MJV
Sample : WG2159734-1
Misc : WG2159734,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Nov 20 07:58:49 2025



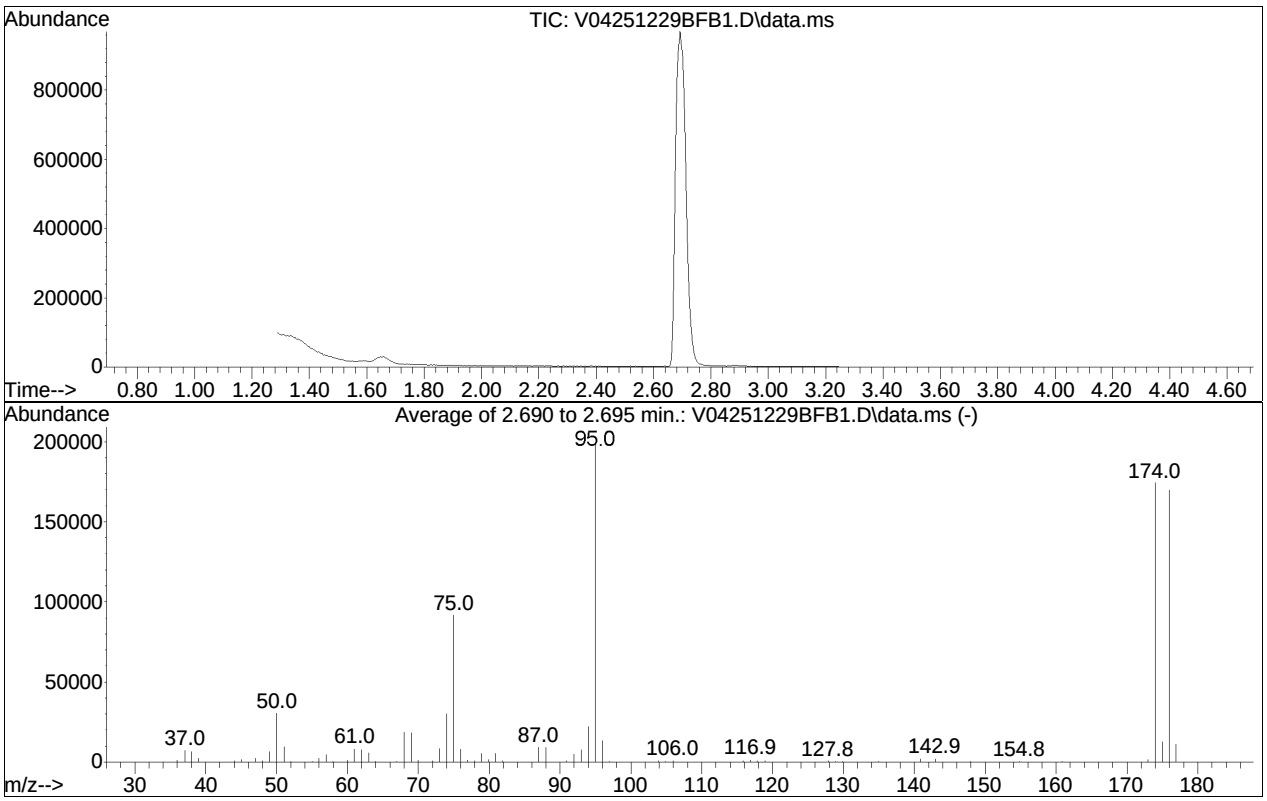
AutoFind: Scans 503, 504, 505; Background Corrected with Scan 488

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.4	30749	PASS
75	95	30	60	46.0	91771	PASS
95	95	100	100	100.0	199381	PASS
96	95	5	9	6.6	13135	PASS
173	174	0.00	2	0.9	1583	PASS
174	95	50	100	87.6	174592	PASS
175	174	5	9	7.2	12584	PASS
176	174	95	101	97.4	170005	PASS
177	176	5	9	6.5	11114	PASS

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229BFB1.D
Acq On : 29 Dec 2025 4:56 am
Operator : VOA104:MJV
Sample : WG2160213-1
Misc : WG2160213,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Nov 20 07:58:49 2025



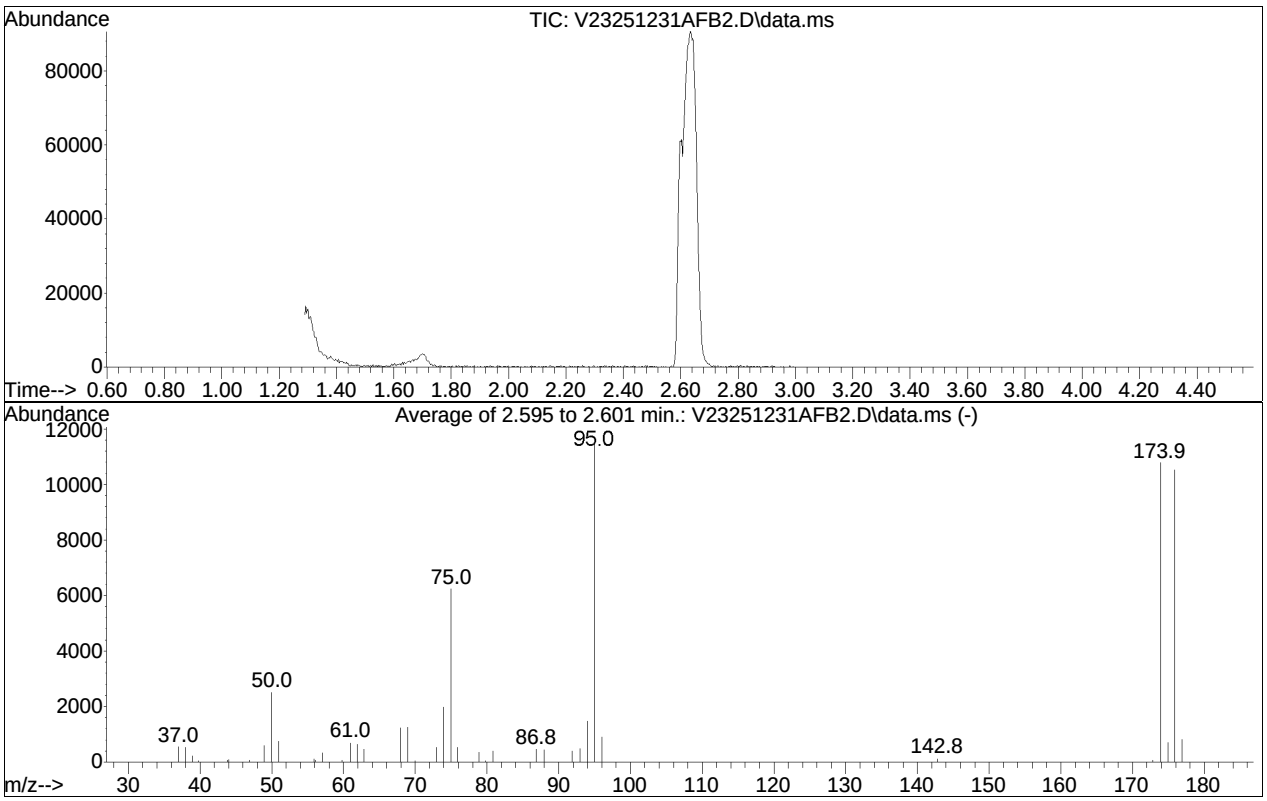
Spectrum Information: Average of 2.690 to 2.695 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.4	30749	PASS
75	95	30	60	46.0	91771	PASS
95	95	100	100	100.0	199381	PASS
96	95	5	9	6.6	13135	PASS
173	174	0.00	2	0.9	1583	PASS
174	95	50	100	87.6	174592	PASS
175	174	5	9	7.2	12584	PASS
176	174	95	101	97.4	170005	PASS
177	176	5	9	6.5	11114	PASS

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231AFB2.D
Acq On : 31 Dec 2025 06:30 am
Operator : VOA123:MJV
Sample : WG2160756-1
Misc : WG2160756,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Title : VOLATILES BY GC/MS
Last Update : Tue Nov 04 12:36:05 2025



AutoFind: Scans 469, 470, 471; Background Corrected with Scan 460

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.9	2517	PASS
75	95	30	60	54.3	6252	PASS
95	95	100	100	100.0	11509	PASS
96	95	5	9	7.9	905	PASS
173	174	0.00	2	0.6	62	PASS
174	95	50	100	93.8	10790	PASS
175	174	5	9	6.7	718	PASS
176	174	95	101	97.6	10534	PASS
177	176	5	9	7.7	812	PASS

Volatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A05.D
Acq On : 28 Dec 2025 05:27 pm
Operator : VOA100:RAW
Sample : WG2159676-5,31,5,5
Misc : WG2159676,ICAL22914
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 28 20:58:10 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	149711	20.000	ug/L	0.00
Standard Area 1 = 159908			Recovery = 93.62%			
60) Chlorobenzene-d5	9.793	117	134288	20.000	ug/L	0.00
Standard Area 1 = 142938			Recovery = 93.95%			
80) 1,4-Dichlorobenzene-d4	12.461	152	83041	20.000	ug/L	0.00
Standard Area 1 = 85973			Recovery = 96.59%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.404	113	43263	20.802	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.01%			
44) 1,2-Dichloroethane-d4	5.934	65	43723	21.154	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.77%			
61) Toluene-d8	7.936	98	162970	18.885	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.42%			
84) 4-Bromofluorobenzene	11.261	95	64719	19.556	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.78%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.368	94	690	0.573	ug/L	90
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.155	76	11616	1.532	ug/L	95
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.684	84	1658	0.717	ug/L	81
17) Acetone	0.000		0	N.D.	d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	3.920	43	55	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Cyclohexane	0.000		0	N.D.		
33) Chloroform	5.226	83	50	N.D.		
35) Carbon tetrachloride	0.000		0	N.D.		
38) 1,1,1-Trichloroethane	0.000		0	N.D.		

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A05.D
Acq On : 28 Dec 2025 05:27 pm
Operator : VOA100:RAW
Sample : WG2159676-5,31,5,5
Misc : WG2159676,ICAL22914
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 28 20:58:10 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2-Butanone	0.000		0	N.D.		
42) Benzene	0.000		0	N.D.		
45) 1,2-Dichloroethane	0.000		0	N.D.		
48) Methyl cyclohexane	0.000		0	N.D.		
49) Trichloroethene	0.000		0	N.D.		
52) 1,2-Dichloropropane	0.000		0	N.D.		
55) Bromodichloromethane	0.000		0	N.D.		
59) cis-1,3-Dichloropropene	0.000		0	N.D.		
62) Toluene	0.000		0	N.D.		
63) 4-Methyl-2-pentanone	0.000		0	N.D.		
64) Tetrachloroethene	0.000		0	N.D.		
66) trans-1,3-Dichloropropene	0.000		0	N.D.		
69) 1,1,2-Trichloroethane	0.000		0	N.D.		
70) Chlorodibromomethane	0.000		0	N.D.		
72) 1,2-Dibromoethane	0.000		0	N.D.		
73) 2-Hexanone	0.000		0	N.D.		
74) Chlorobenzene	0.000		0	N.D.		
75) Ethylbenzene	0.000		0	N.D.		
77) p/m Xylene	0.000		0	N.D.		
78) o Xylene	0.000		0	N.D.		
79) Styrene	10.652	104	108	N.D.		
81) Bromoform	0.000		0	N.D.		
83) Isopropylbenzene	10.951	105	49	N.D.		
86) n-Propylbenzene	11.428	91	48	N.D.		
88) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
91) 1,3,5-Trimethylbenzene	11.549	105	111	N.D.		
95) tert-Butylbenzene	0.000		0	N.D.		
98) 1,2,4-Trimethylbenzene	12.058	105	222	N.D.		
99) sec-Butylbenzene	12.168	105	205	N.D.		
100) p-Isopropyltoluene	12.330	119	854	N.D.		
101) 1,3-Dichlorobenzene	12.393	146	51	N.D.		
102) 1,4-Dichlorobenzene	12.477	146	284	N.D.		
104) n-Butylbenzene	12.755	91	185	N.D.		
105) 1,2-Dichlorobenzene	12.907	146	52	N.D.		
107) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
110) 1,2,4-Trichlorobenzene	14.312	180	329	N.D.		
111) Naphthalene	14.600	128	1363	0.150	ug/L	100

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

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A05.D
Acq On : 28 Dec 2025 05:27 pm
Operator : VOA100:RAW
Sample : WG2159676-5,31,5,5
Misc : WG2159676,ICAL22914
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 28 20:58:10 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

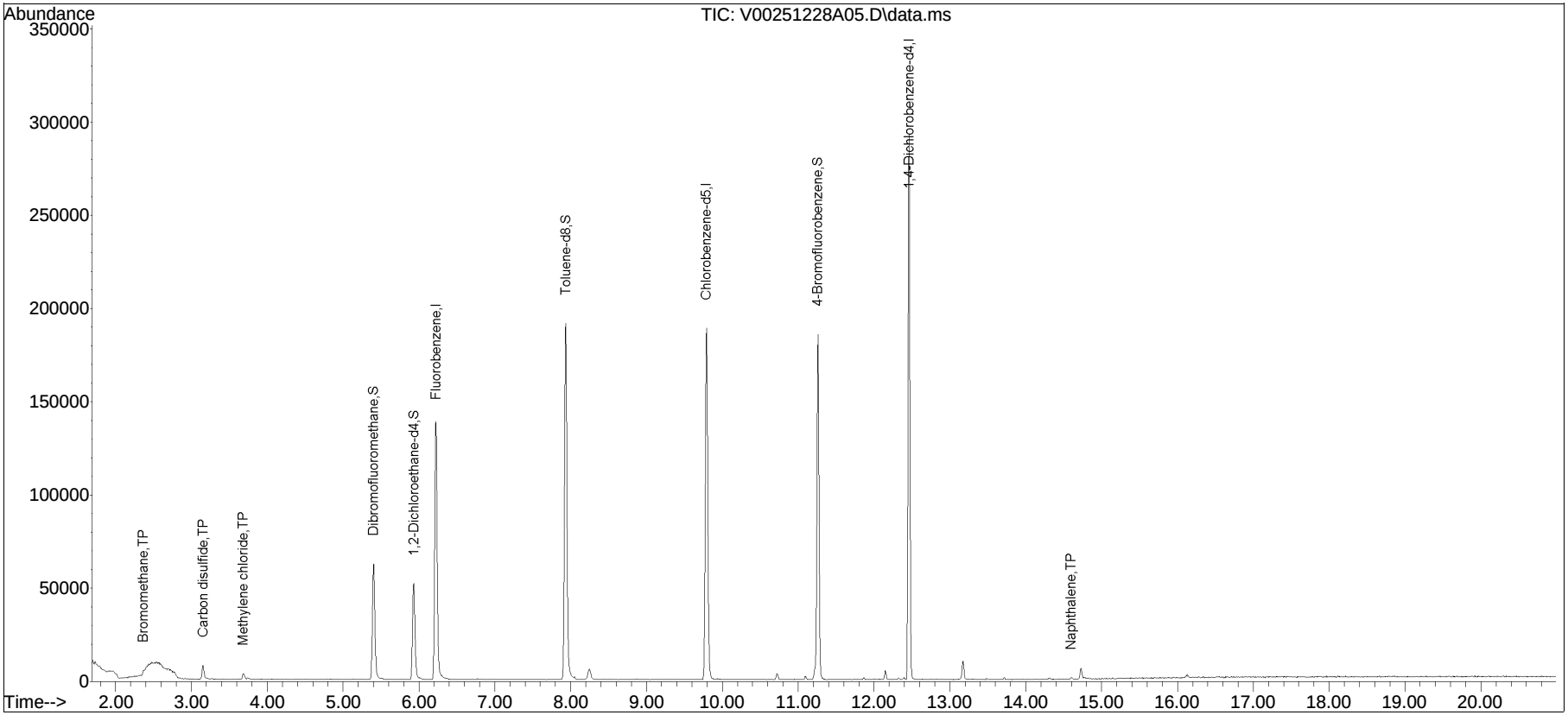
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

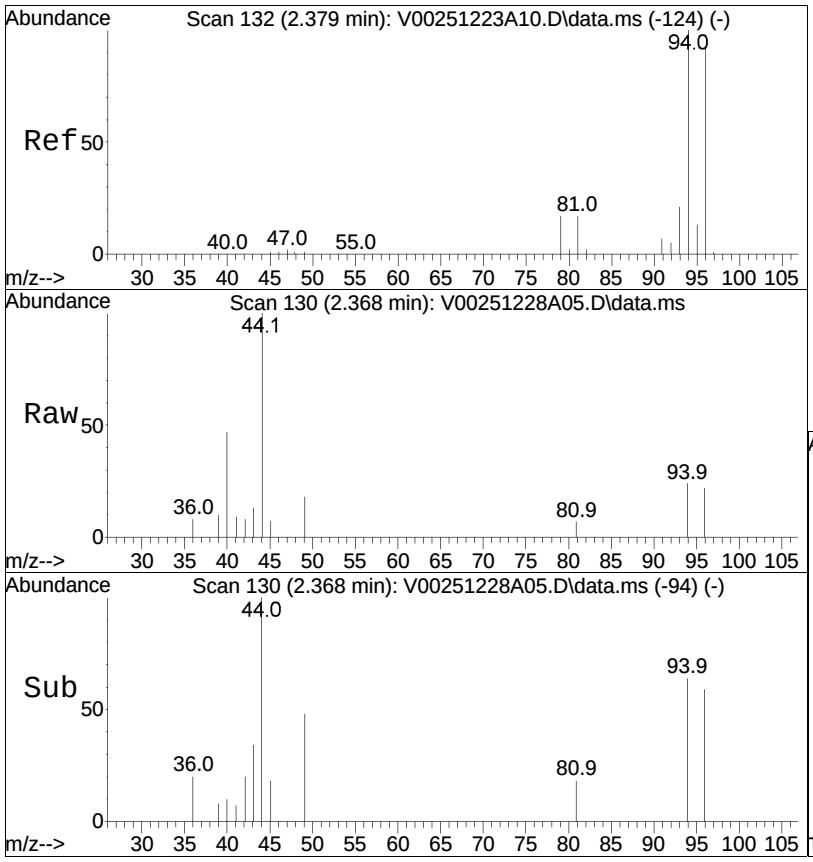
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A05.D
Acq On : 28 Dec 2025 05:27 pm
Operator : VOA100:RAW
Sample : WG2159676-5,31,5,5
Misc : WG2159676,ICAL22914
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 28 20:58:10 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox28A01.D•

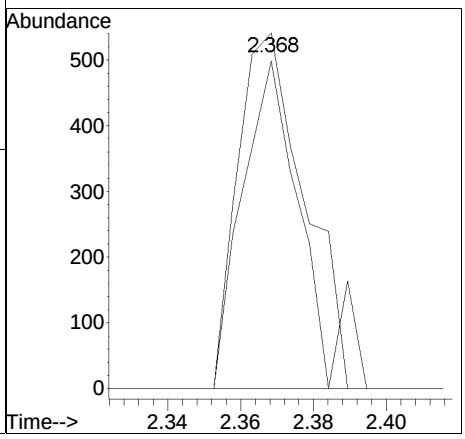


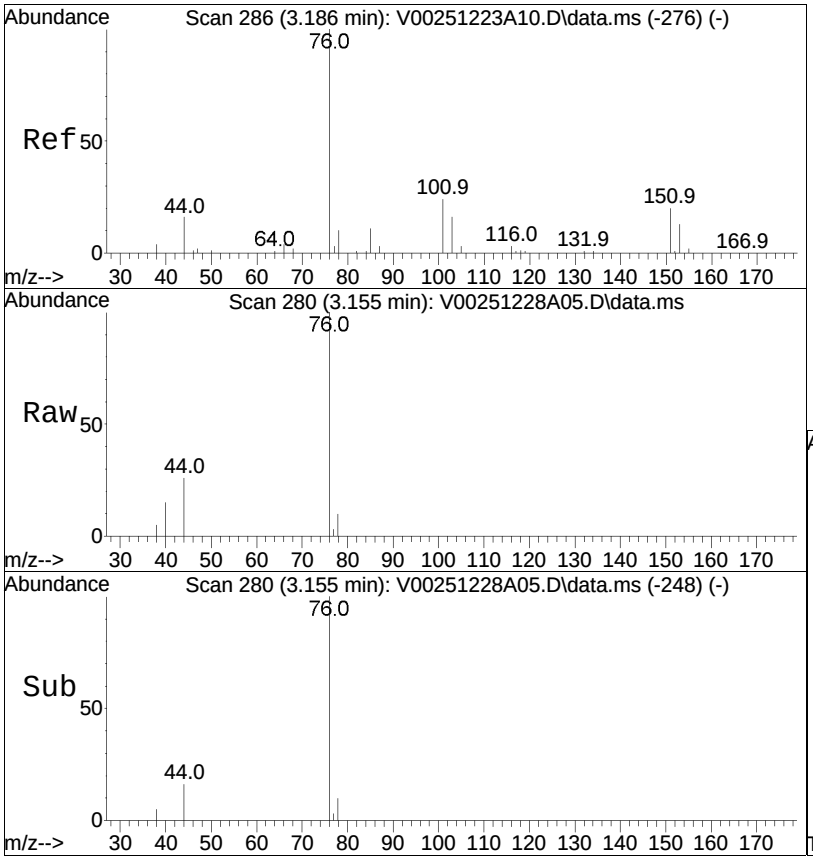


#5
Bromomethane
Concen: 0.57 ug/L
RT: 2.368 min Scan# 130
Delta R.T. -0.010 min
Lab File: V00251228A05.D
Acq: 28 Dec 2025 05:27 pm

Tgt Ion: 94 Resp: 690

Ion	Ratio	Lower	Upper
94	100		
96	82.9	72.4	112.4

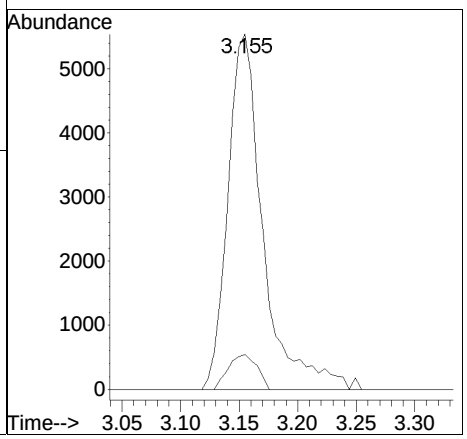


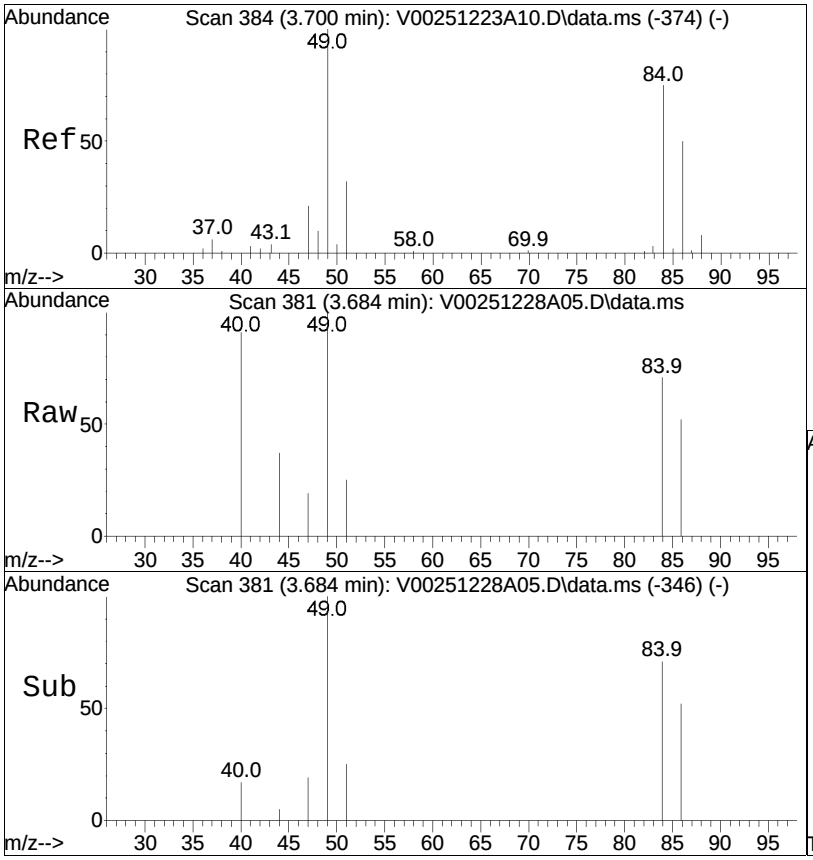


#11
Carbon disulfide
Concen: 1.53 ug/L
RT: 3.155 min Scan# 280
Delta R.T. -0.031 min
Lab File: V00251228A05.D
Acq: 28 Dec 2025 05:27 pm

Tgt Ion: 76 Resp: 11616

Ion	Ratio	Lower	Upper
76	100		
78	8.0	6.4	13.4

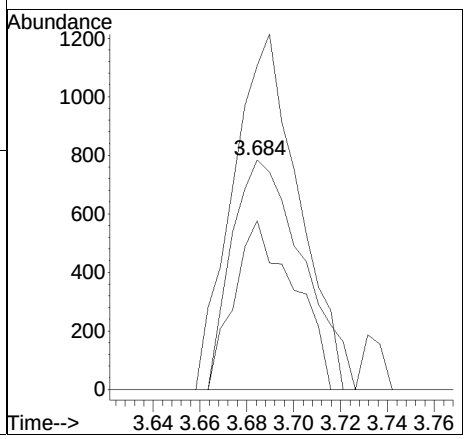


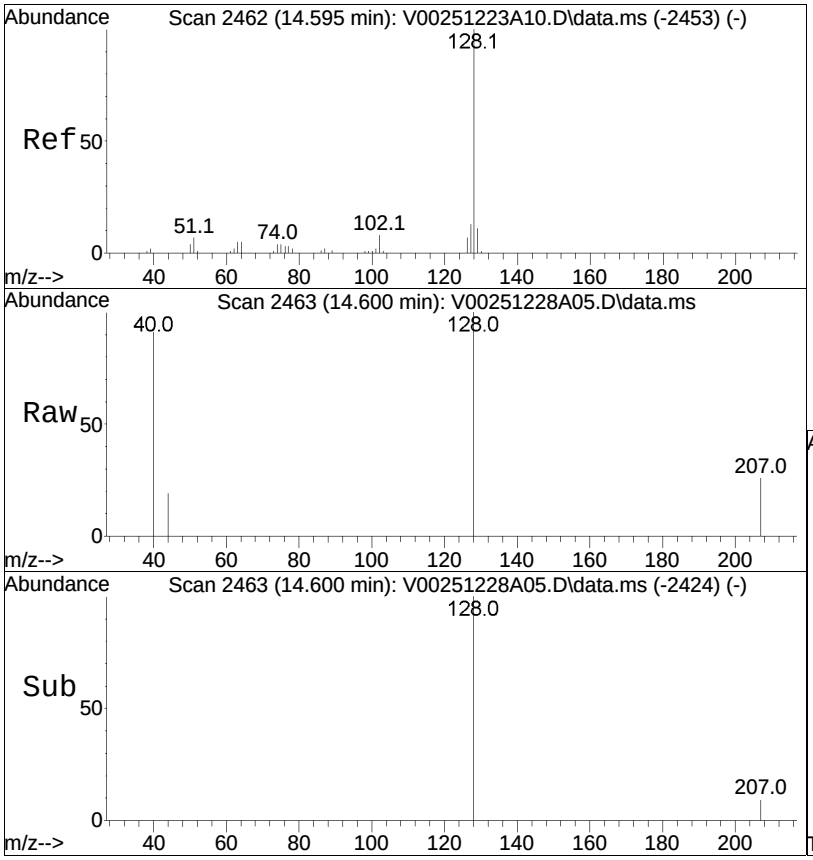


#15
Methylene chloride
Concen: 0.72 ug/L
RT: 3.684 min Scan# 381
Delta R.T. -0.016 min
Lab File: V00251228A05.D
Acq: 28 Dec 2025 05:27 pm

Tgt Ion: 84 Resp: 1658

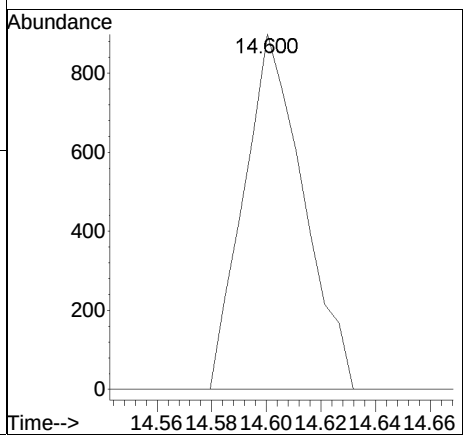
Ion	Ratio	Lower	Upper
84	100		
86	62.3	39.6	82.2
49	142.3	72.7	150.9





#111
Naphthalene
Concen: 0.15 ug/L
RT: 14.600 min Scan# 2463
Delta R.T. 0.005 min
Lab File: V00251228A05.D
Acq: 28 Dec 2025 05:27 pm

Tgt Ion:128 Resp: 1363



Manual Integration Report

Data Path	: K:\VOA100\2025\251228A\	QMethod	: V100_251223A_8260.m
Data File	: V00251228A05.D	Operator	: VOA100:RAW
Date Inj'd	: 12/28/2025 5:27 pm	Instrument	: VOA100
Sample	: WG2159676-5,31,5,5	Quant Date	: 12/28/2025 8:57 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A05.D
Acq On : 28 Dec 2025 05:27 pm
Operator : VOA100:RAW
Sample : WG2159676-5,31,5,5
Misc : WG2159676,ICAL22914
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V00251228A05.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.442	125	144	145	rBV7	6196	21843	4.55%	0.940%
2	3.155	272	280	299	rVB	7614	15989	3.33%	0.688%
3	5.404	699	709	738	rBV	62197	144368	30.05%	6.214%
4	5.934	800	810	832	rBV	51578	120767	25.14%	5.198%
5	6.222	855	865	891	rBV	138620	316691	65.92%	13.630%
6	7.936	1180	1192	1212	rBV	190976	428546	89.20%	18.445%
7	8.246	1238	1251	1263	rBV2	5708	16119	3.36%	0.694%
8	9.793	1534	1546	1568	rVB	188498	415635	86.51%	17.889%
9	11.261	1810	1826	1840	rBV	185123	345129	71.84%	14.854%
10	12.461	2046	2055	2075	rBV	292351	480442	100.00%	20.678%
11	13.174	2180	2191	2199	rBV	9900	17887	3.72%	0.770%

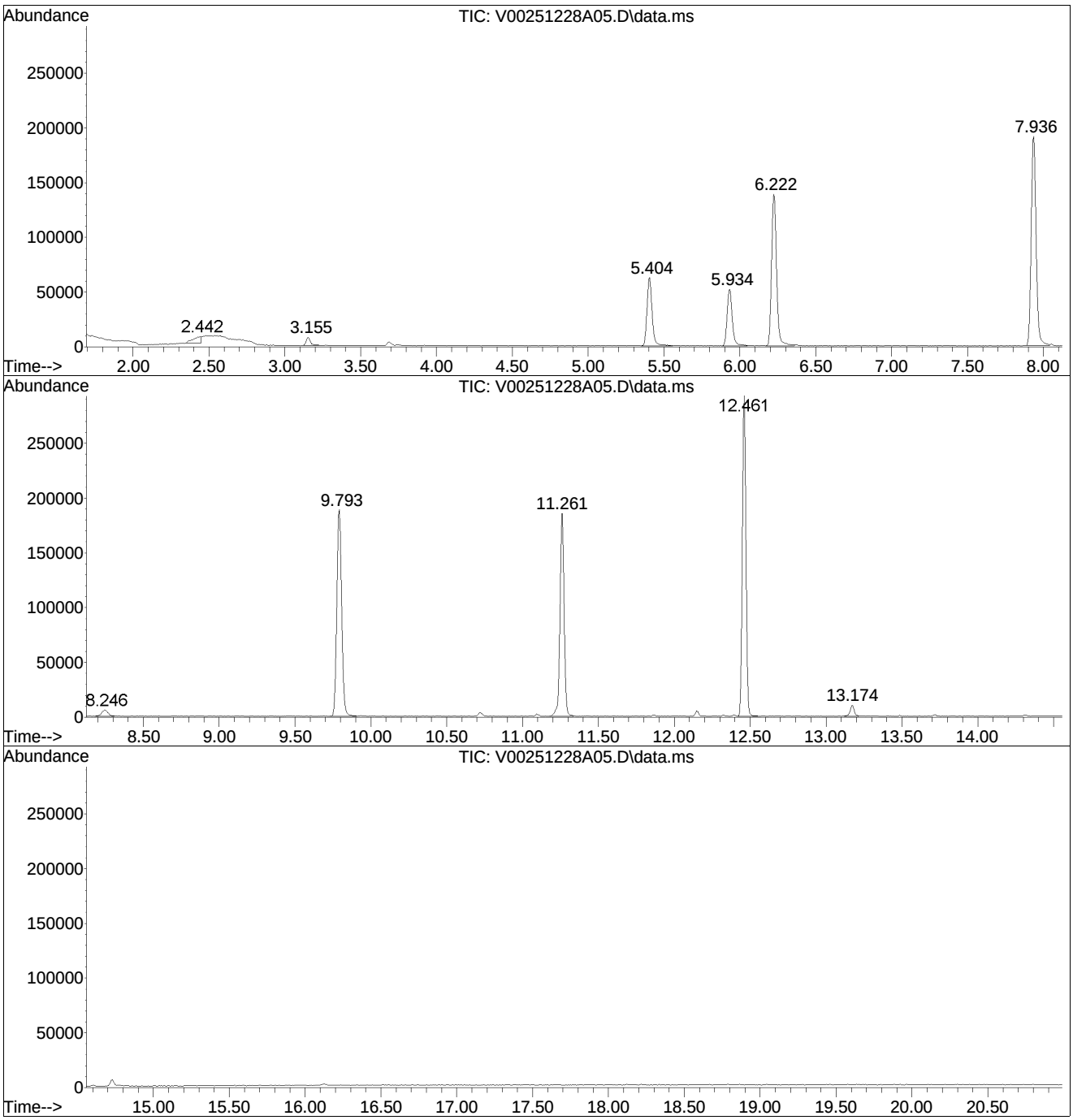
Sum of corrected areas: 2323416

LSC Report - Integrated Chromatogram

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A05.D
Acq On : 28 Dec 2025 05:27 pm
Operator : VOA100:RAW
Sample : WG2159676-5,31,5,5
Misc : WG2159676,ICAL22914
ALS Vial : 8 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A05.D
Acq On : 28 Dec 2025 05:27 pm
Operator : VOA100:RAW
Sample : WG2159676-5,31,5,5
Misc : WG2159676,ICAL22914
ALS Vial : 8 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A05.D
Acq On : 28 Dec 2025 05:27 pm
Operator : VOA100:RAW
Sample : WG2159676-5,31,5,5
Misc : WG2159676,ICAL22914
ALS Vial : 8 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A05.D
Acq On : 28 Dec 2025 05:27 pm
Operator : VOA100:RAW
Sample : WG2159678-5,31h,15,15,0.1
Misc : WG2159678,ICAL22914
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 28 20:58:10 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	149711	20.000	ug/L	0.00
Standard Area 1 = 159908			Recovery = 93.62%			
60) Chlorobenzene-d5	9.793	117	134288	20.000	ug/L	0.00
Standard Area 1 = 142938			Recovery = 93.95%			
80) 1,4-Dichlorobenzene-d4	12.461	152	83041	20.000	ug/L	0.00
Standard Area 1 = 85973			Recovery = 96.59%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.404	113	43263	20.802	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.01%			
44) 1,2-Dichloroethane-d4	5.934	65	43723	21.154	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.77%			
61) Toluene-d8	7.936	98	162970	18.885	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.42%			
84) 4-Bromofluorobenzene	11.261	95	64719	19.556	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.78%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.368	94	690	0.573	ug/L	90
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.155	76	11616	1.532	ug/L	95
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.684	84	1658	0.717	ug/L	81
17) Acetone	0.000		0	N.D.	d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	3.920	43	55	N.D.		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Cyclohexane	0.000		0	N.D.		
33) Chloroform	5.226	83	50	N.D.		
35) Carbon tetrachloride	0.000		0	N.D.		
38) 1,1,1-Trichloroethane	0.000		0	N.D.		

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A05.D
Acq On : 28 Dec 2025 05:27 pm
Operator : VOA100:RAW
Sample : WG2159678-5,31h,15,15,0.1
Misc : WG2159678,ICAL22914
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 28 20:58:10 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2-Butanone	0.000		0	N.D.		
42) Benzene	0.000		0	N.D.		
45) 1,2-Dichloroethane	0.000		0	N.D.		
48) Methyl cyclohexane	0.000		0	N.D.		
49) Trichloroethene	0.000		0	N.D.		
52) 1,2-Dichloropropane	0.000		0	N.D.		
55) Bromodichloromethane	0.000		0	N.D.		
59) cis-1,3-Dichloropropene	0.000		0	N.D.		
62) Toluene	0.000		0	N.D.		
63) 4-Methyl-2-pentanone	0.000		0	N.D.		
64) Tetrachloroethene	0.000		0	N.D.		
66) trans-1,3-Dichloropropene	0.000		0	N.D.		
69) 1,1,2-Trichloroethane	0.000		0	N.D.		
70) Chlorodibromomethane	0.000		0	N.D.		
72) 1,2-Dibromoethane	0.000		0	N.D.		
73) 2-Hexanone	0.000		0	N.D.		
74) Chlorobenzene	0.000		0	N.D.		
75) Ethylbenzene	0.000		0	N.D.		
77) p/m Xylene	0.000		0	N.D.		
78) o Xylene	0.000		0	N.D.		
79) Styrene	10.652	104	108	N.D.		
81) Bromoform	0.000		0	N.D.		
83) Isopropylbenzene	10.951	105	49	N.D.		
86) n-Propylbenzene	11.428	91	48	N.D.		
88) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
91) 1,3,5-Trimethylbenzene	11.549	105	111	N.D.		
95) tert-Butylbenzene	0.000		0	N.D.		
98) 1,2,4-Trimethylbenzene	12.058	105	222	N.D.		
99) sec-Butylbenzene	12.168	105	205	N.D.		
100) p-Isopropyltoluene	12.330	119	854	N.D.		
101) 1,3-Dichlorobenzene	12.393	146	51	N.D.		
102) 1,4-Dichlorobenzene	12.477	146	284	N.D.		
104) n-Butylbenzene	12.755	91	185	N.D.		
105) 1,2-Dichlorobenzene	12.907	146	52	N.D.		
107) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
110) 1,2,4-Trichlorobenzene	14.312	180	329	N.D.		
111) Naphthalene	14.600	128	1363	0.150	ug/L	100

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

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A05.D
Acq On : 28 Dec 2025 05:27 pm
Operator : VOA100:RAW
Sample : WG2159678-5,31h,15,15,0.1
Misc : WG2159678,ICAL22914
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 28 20:58:10 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

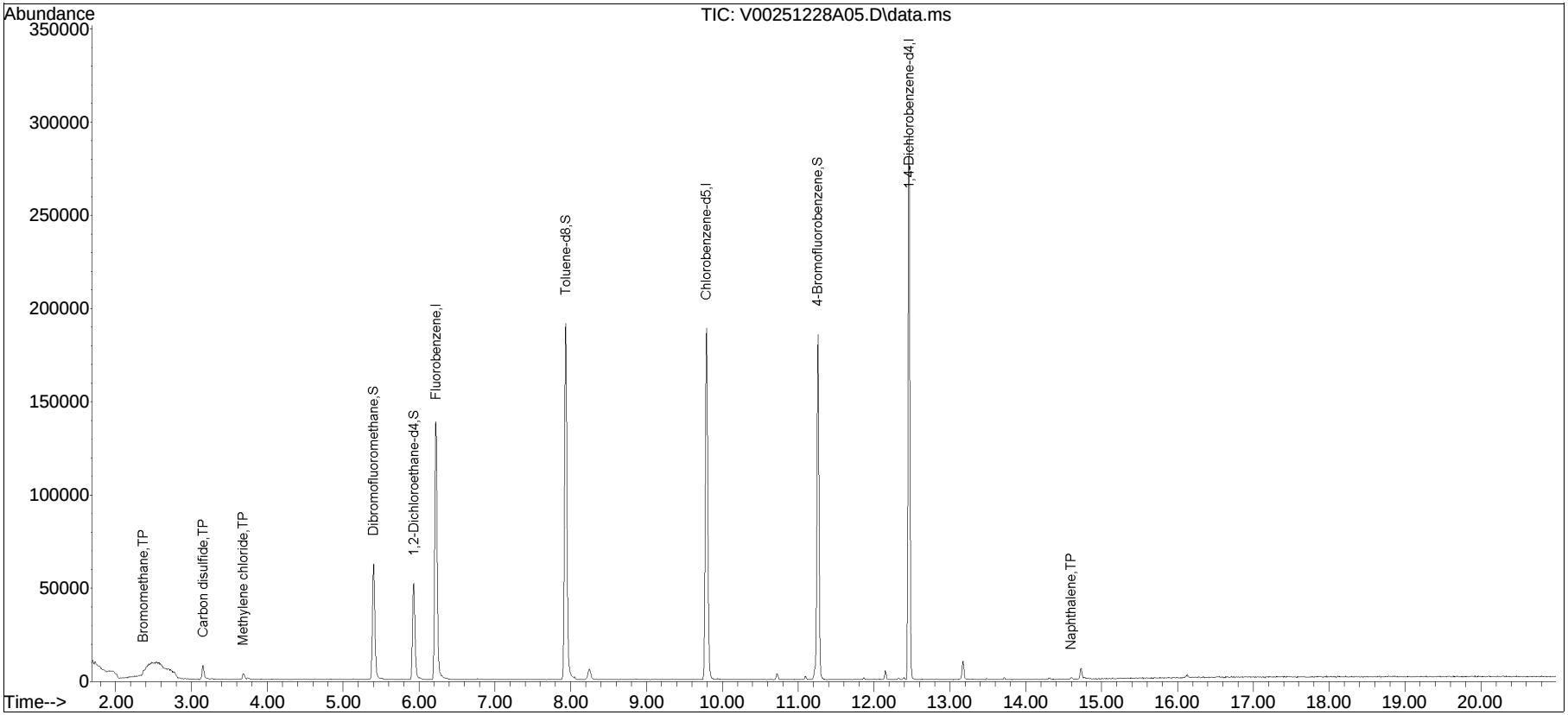
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

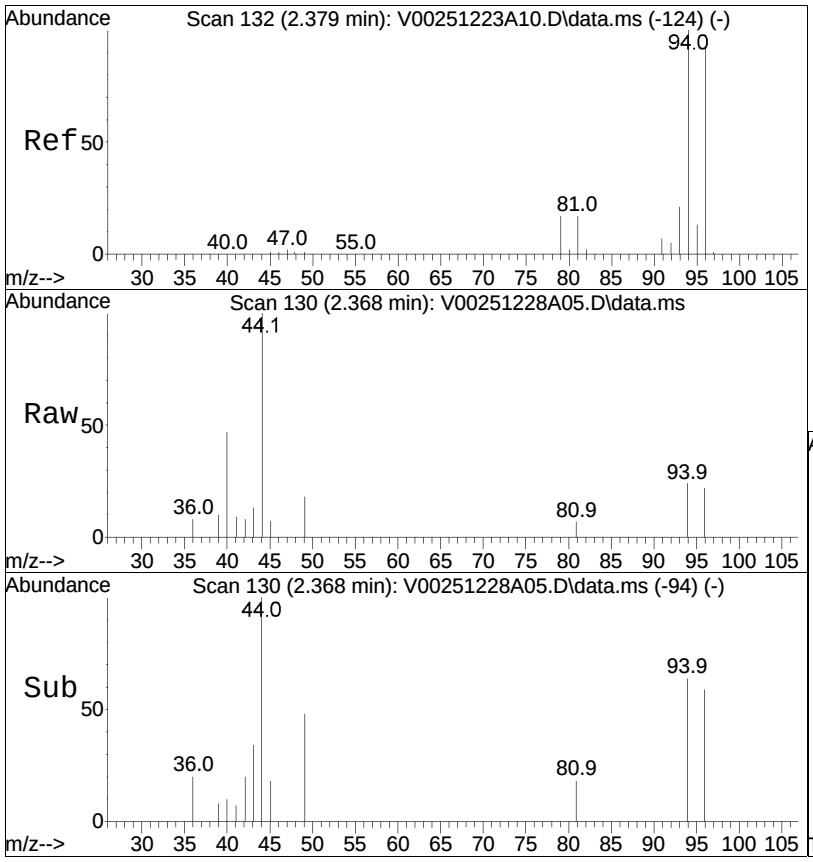
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A05.D
Acq On : 28 Dec 2025 05:27 pm
Operator : VOA100:RAW
Sample : WG2159678-5,31h,15,15,0.1
Misc : WG2159678,ICAL22914
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 28 20:58:10 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox28A01.D•

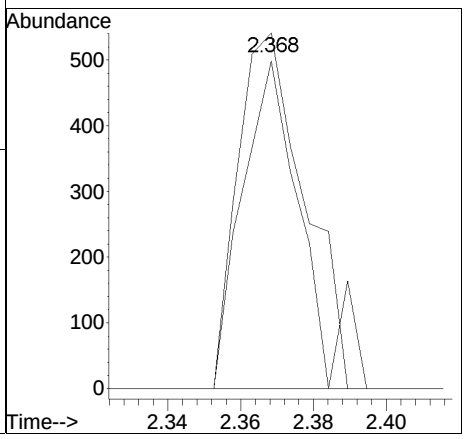


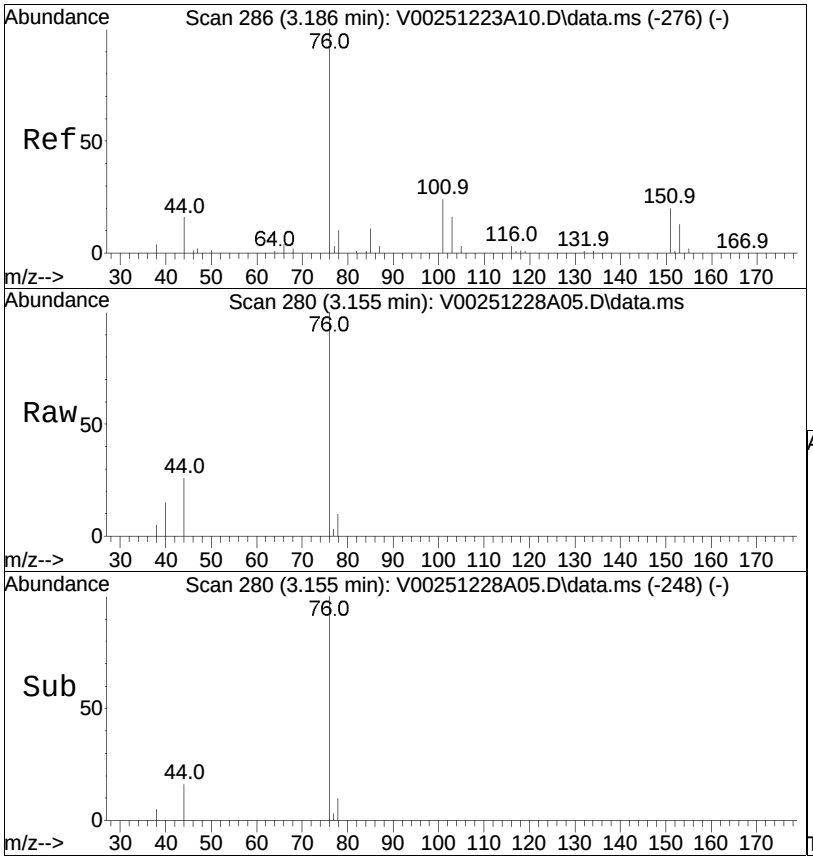


#5
Bromomethane
Concen: 0.57 ug/L
RT: 2.368 min Scan# 130
Delta R.T. -0.010 min
Lab File: V00251228A05.D
Acq: 28 Dec 2025 05:27 pm

Tgt Ion: 94 Resp: 690

Ion	Ratio	Lower	Upper
94	100		
96	82.9	72.4	112.4

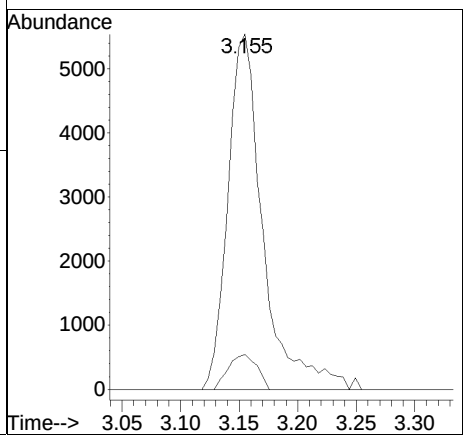


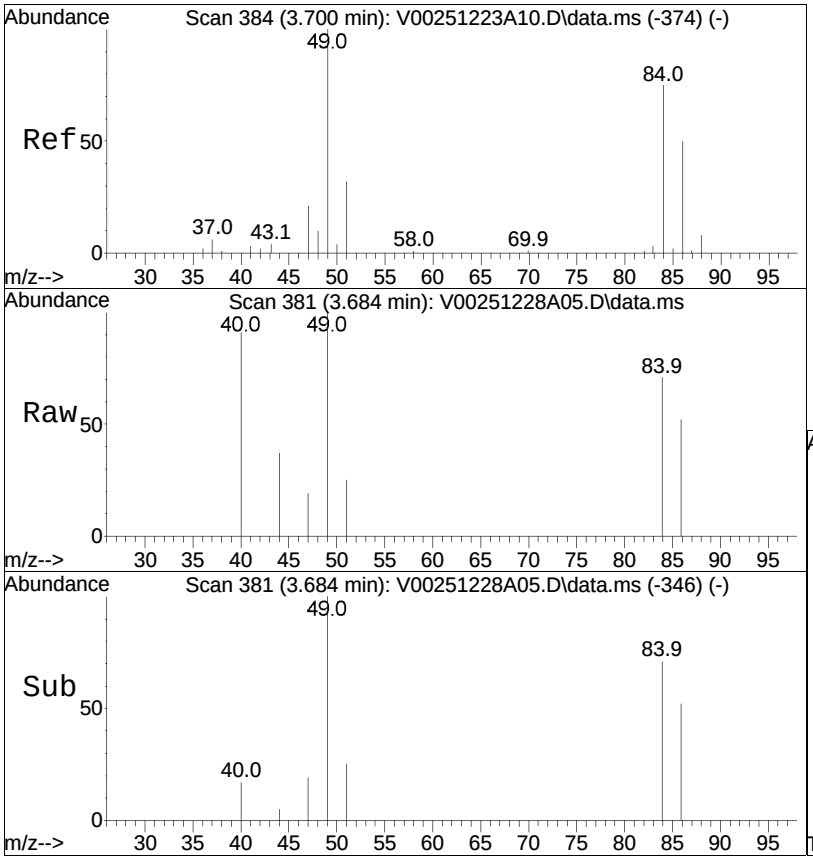


#11
Carbon disulfide
Concen: 1.53 ug/L
RT: 3.155 min Scan# 280
Delta R.T. -0.031 min
Lab File: V00251228A05.D
Acq: 28 Dec 2025 05:27 pm

Tgt Ion: 76 Resp: 11616

Ion	Ratio	Lower	Upper
76	100		
78	8.0	6.4	13.4

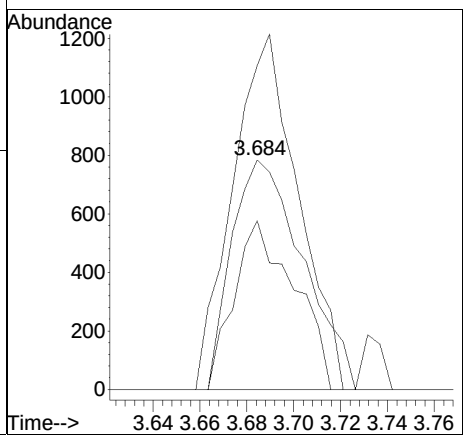


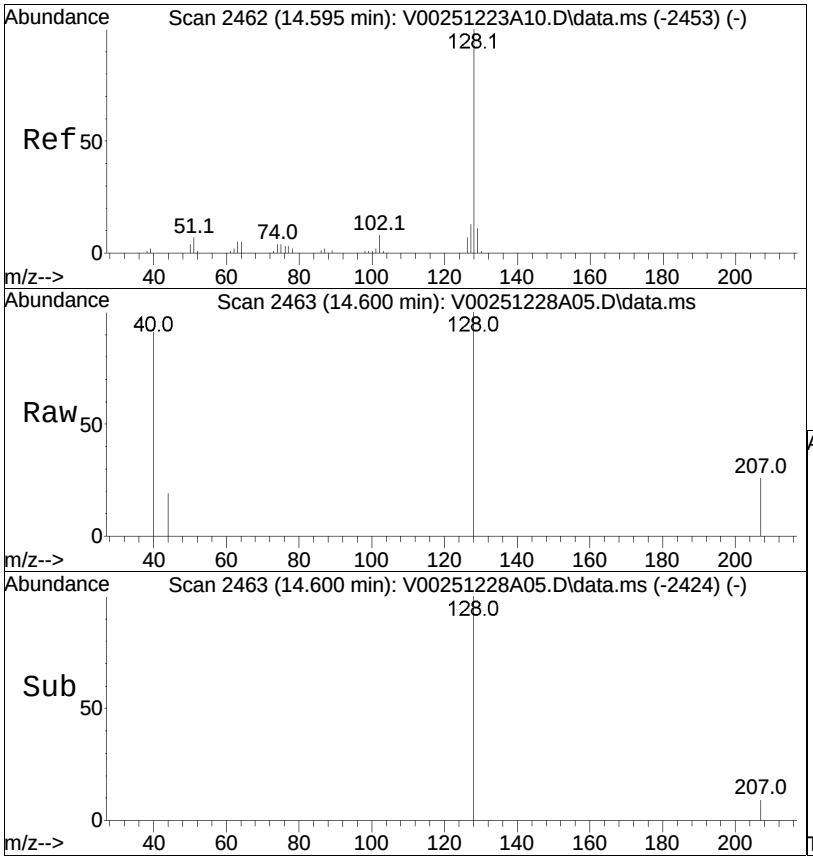


#15
Methylene chloride
Concen: 0.72 ug/L
RT: 3.684 min Scan# 381
Delta R.T. -0.016 min
Lab File: V00251228A05.D
Acq: 28 Dec 2025 05:27 pm

Tgt Ion: 84 Resp: 1658

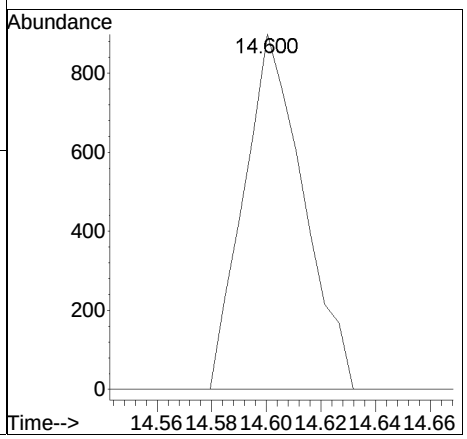
Ion	Ratio	Lower	Upper
84	100		
86	62.3	39.6	82.2
49	142.3	72.7	150.9





#111
Naphthalene
Concen: 0.15 ug/L
RT: 14.600 min Scan# 2463
Delta R.T. 0.005 min
Lab File: V00251228A05.D
Acq: 28 Dec 2025 05:27 pm

Tgt Ion:128 Resp: 1363



Manual Integration Report

Data Path	: K:\VOA100\2025\251228A\	QMethod	: V100_251223A_8260.m
Data File	: V00251228A05.D	Operator	: VOA100:RAW
Date Inj'd	: 12/28/2025 5:27 pm	Instrument	: VOA100
Sample	: WG2159678-5,31h,15,15,0.1	Quant Date	: 12/28/2025 8:57 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A05.D
Acq On : 28 Dec 2025 05:27 pm
Operator : VOA100:RAW
Sample : WG2159678-5,31h,15,15,0.1
Misc : WG2159678,ICAL22914
ALS Vial : 8 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V00251228A05.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.442	125	144	145	rBV7	6196	21843	4.55%	0.940%
2	3.155	272	280	299	rVB	7614	15989	3.33%	0.688%
3	5.404	699	709	738	rBV	62197	144368	30.05%	6.214%
4	5.934	800	810	832	rBV	51578	120767	25.14%	5.198%
5	6.222	855	865	891	rBV	138620	316691	65.92%	13.630%
6	7.936	1180	1192	1212	rBV	190976	428546	89.20%	18.445%
7	8.246	1238	1251	1263	rBV2	5708	16119	3.36%	0.694%
8	9.793	1534	1546	1568	rVB	188498	415635	86.51%	17.889%
9	11.261	1810	1826	1840	rBV	185123	345129	71.84%	14.854%
10	12.461	2046	2055	2075	rBV	292351	480442	100.00%	20.678%
11	13.174	2180	2191	2199	rBV	9900	17887	3.72%	0.770%

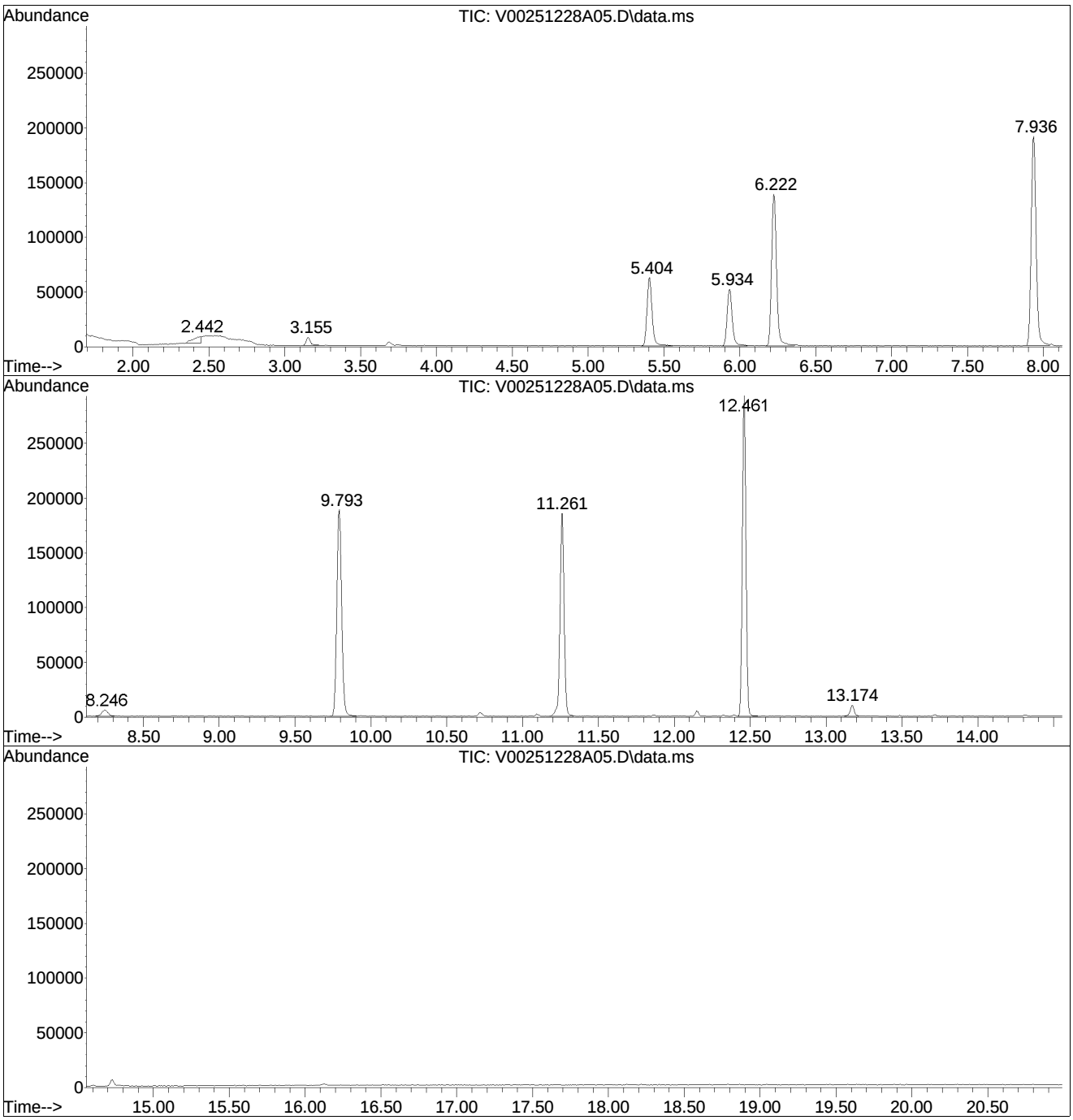
Sum of corrected areas: 2323416

LSC Report - Integrated Chromatogram

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A05.D
Acq On : 28 Dec 2025 05:27 pm
Operator : VOA100:RAW
Sample : WG2159678-5,31h,15,15,0.1
Misc : WG2159678,ICAL22914
ALS Vial : 8 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A05.D
Acq On : 28 Dec 2025 05:27 pm
Operator : VOA100:RAW
Sample : WG2159678-5,31h,15,15,0.1
Misc : WG2159678,ICAL22914
ALS Vial : 8 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A05.D
Acq On : 28 Dec 2025 05:27 pm
Operator : VOA100:RAW
Sample : WG2159678-5,31h,15,15,0.1
Misc : WG2159678,ICAL22914
ALS Vial : 8 Sample Multiplier: 1

Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A05.D
Acq On : 29 Dec 2025 7:03 am
Operator : VOA104:MJV
Sample : WG2159734-5,31,5,5
Misc : WG2159734,ICAL22828
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 29 07:54:45 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251229A\V04251229A01.D
Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.377	96	360908	20.000 ug/L	0.00
Standard Area 1 = 369388			Recovery = 97.70%		
59) Chlorobenzene-d5	8.838	117	260796	20.000 ug/L	0.00
Standard Area 1 = 254827			Recovery = 102.34%		
79) 1,4-Dichlorobenzene-d4	11.674	152	145287	20.000 ug/L	0.00
Standard Area 1 = 126132			Recovery = 115.19%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.612	113	95201	18.391 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 91.95%		
43) 1,2-Dichloroethane-d4	5.110	65	80210	17.451 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 87.26%		
60) Toluene-d8	7.024	98	348651	20.798 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.99%		
83) 4-Bromofluorobenzene	10.400	95	131725	21.045 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.23%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	1.587	50	119	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.880	94	1008	0.271 ug/L #	59
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.530	76	2012	0.122 ug/L #	86
12) Freon-113	0.000		0	N.D.	
15) Methylene chloride	3.018	84	1076	0.190 ug/L	83
17) Acetone	3.086	43	1168	Below Cal #	46
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	3.254	73	50	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
31) Cyclohexane	0.000		0	N.D.	
32) Chloroform	4.449	83	559	Below Cal #	74
34) Carbon tetrachloride	0.000		0	N.D.	
37) 1,1,1-Trichloroethane	0.000		0	N.D.	

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A05.D
Acq On : 29 Dec 2025 7:03 am
Operator : VOA104:MJV
Sample : WG2159734-5,31,5,5
Misc : WG2159734,ICAL22828
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 29 07:54:45 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251229A\V04251229A01.D
Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 2-Butanone	0.000		0	N.D.		
41) Benzene	4.984	78	201	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
47) Methyl cyclohexane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.087	92	49	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	8.859	112	100	N.D.		
74) Ethylbenzene	8.832	91	385	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	9.823	104	61	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.075	105	116	N.D.		
85) n-Propylbenzene	10.631	91	470	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
90) 1,3,5-Trimethylbenzene	10.814	105	48	N.D.		
94) tert-Butylbenzene	11.187	119	352	N.D.		
97) 1,2,4-Trimethylbenzene	11.286	105	883	N.D.		
98) sec-Butylbenzene	11.370	105	1152	N.D.		
99) p-Isopropyltoluene	11.543	119	1305	N.D.		
100) 1,3-Dichlorobenzene	11.617	146	736	N.D.		
101) 1,4-Dichlorobenzene	11.690	146	1021	N.D.		
103) n-Butylbenzene	12.026	91	1254	N.D.		
104) 1,2-Dichlorobenzene	12.167	146	585	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	13.593	180	2554	0.392	ug/L #	82
110) Naphthalene	13.887	128	9199	0.781	ug/L	100

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

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A05.D
Acq On : 29 Dec 2025 7:03 am
Operator : VOA104:MJV
Sample : WG2159734-5,31,5,5
Misc : WG2159734,ICAL22828
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 29 07:54:45 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251229A\V04251229A01.D
Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

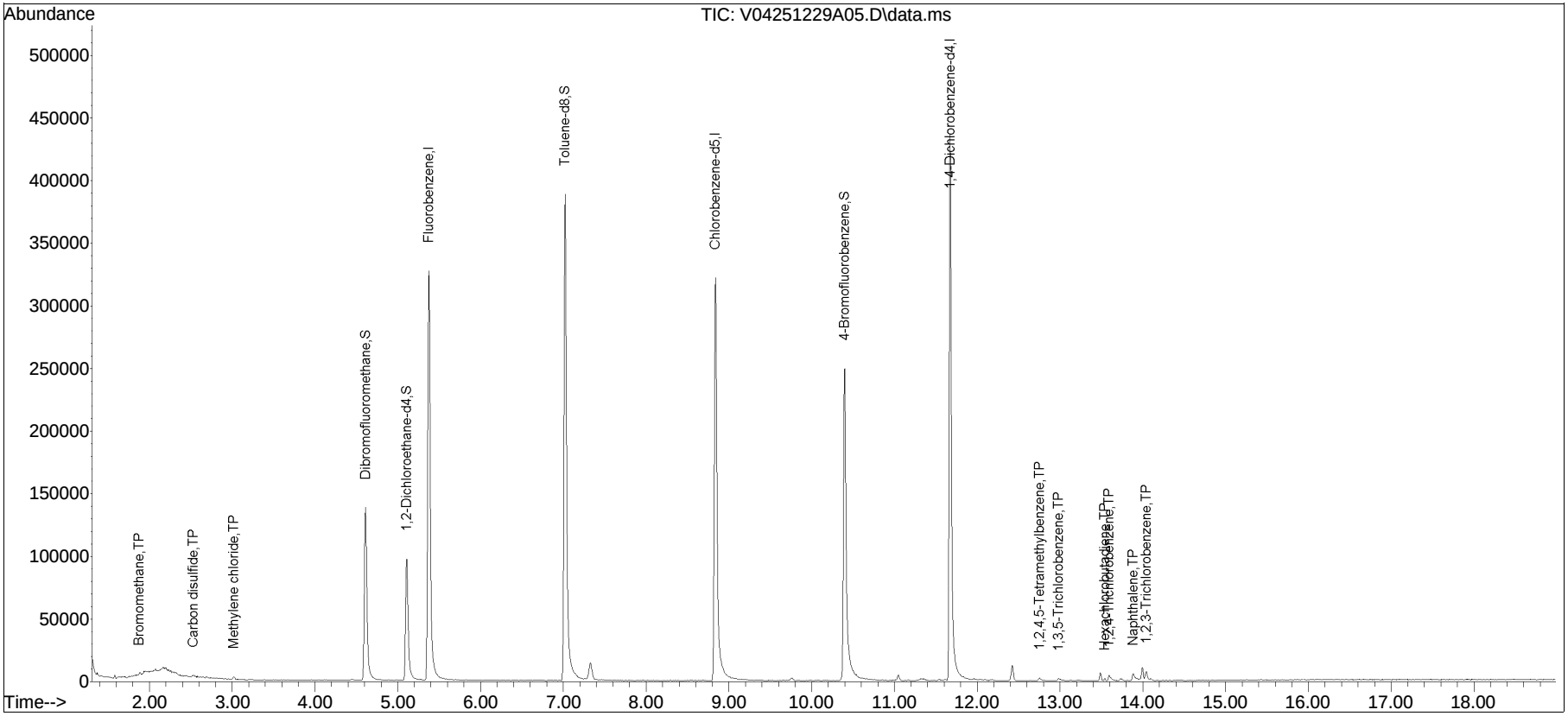
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

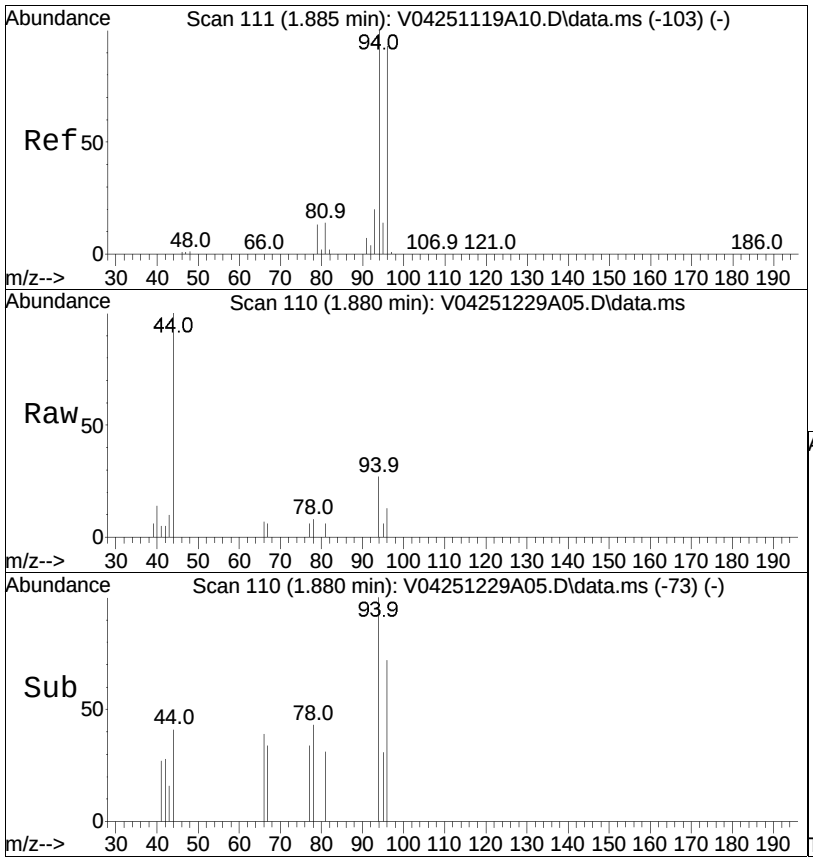
Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A05.D
Acq On : 29 Dec 2025 7:03 am
Operator : VOA104:MJV
Sample : WG2159734-5,31,5,5
Misc : WG2159734,ICAL22828
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 29 07:54:45 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODOD•

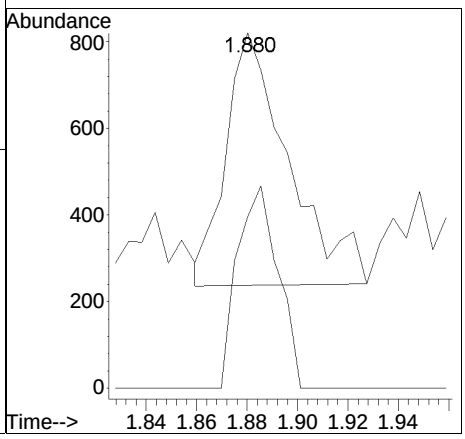


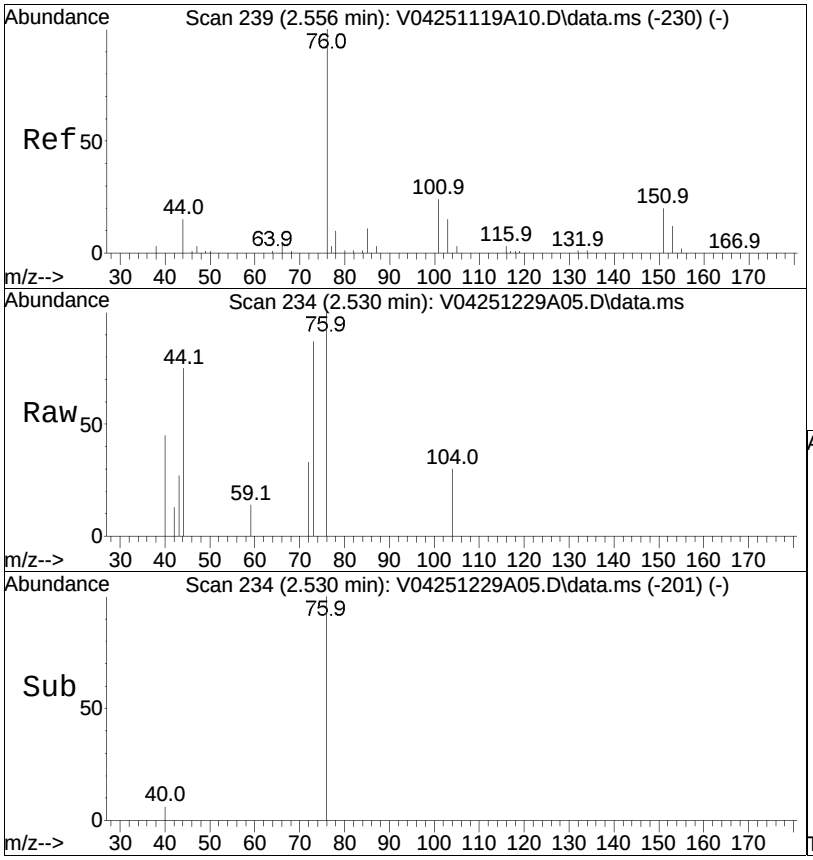


#5
Bromomethane
Concen: 0.27 ug/L
RT: 1.880 min Scan# 110
Delta R.T. -0.005 min
Lab File: V04251229A05.D
Acq: 29 Dec 2025 7:03 am

Tgt Ion: 94 Resp: 1008

Ion	Ratio	Lower	Upper
94	100		
96	51.8	71.0	111.0#

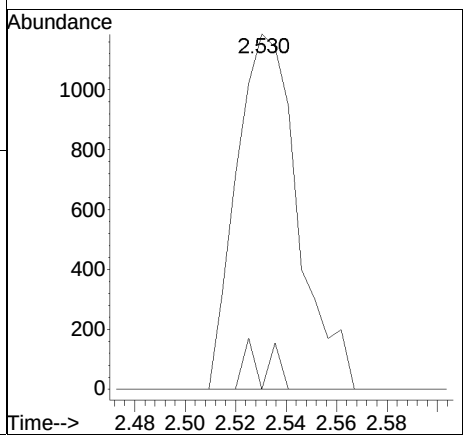


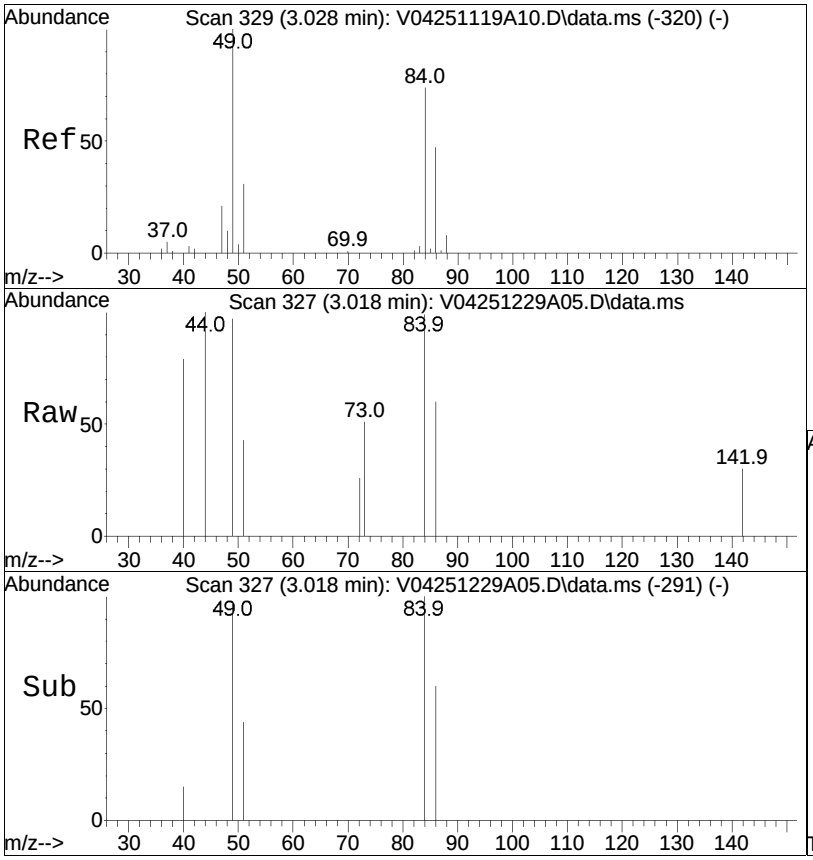


#11
Carbon disulfide
Concen: 0.12 ug/L
RT: 2.530 min Scan# 234
Delta R.T. -0.026 min
Lab File: V04251229A05.D
Acq: 29 Dec 2025 7:03 am

Tgt Ion: 76 Resp: 2012

Ion	Ratio	Lower	Upper
76	100		
78	5.1	6.6	13.8#

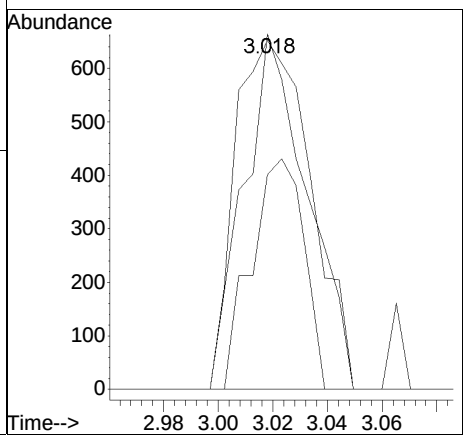


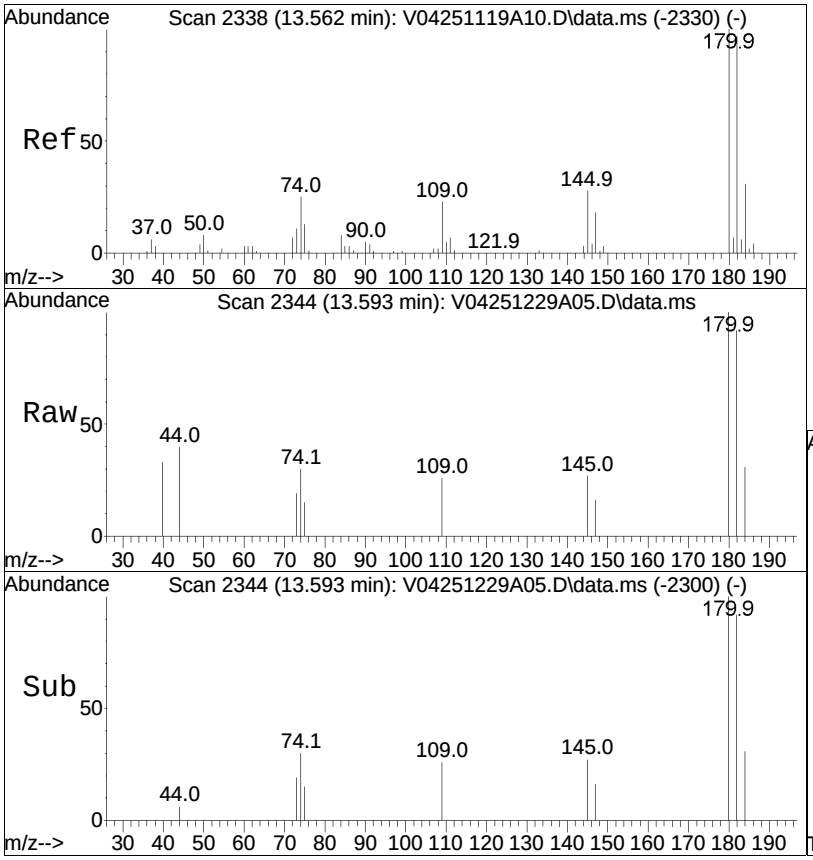


#15
Methylene chloride
Concen: 0.19 ug/L
RT: 3.018 min Scan# 327
Delta R.T. -0.010 min
Lab File: V04251229A05.D
Acq: 29 Dec 2025 7:03 am

Tgt Ion: 84 Resp: 1076

Ion	Ratio	Lower	Upper
84	100		
86	53.7	41.3	85.9
49	116.4	91.0	189.0

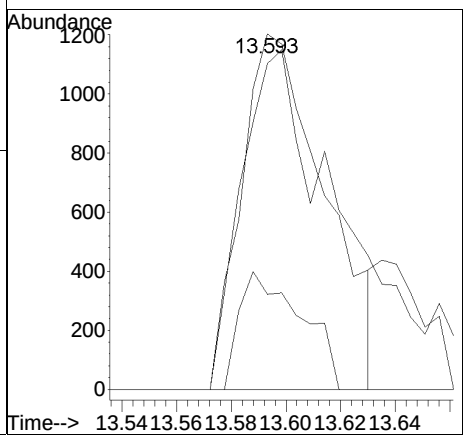


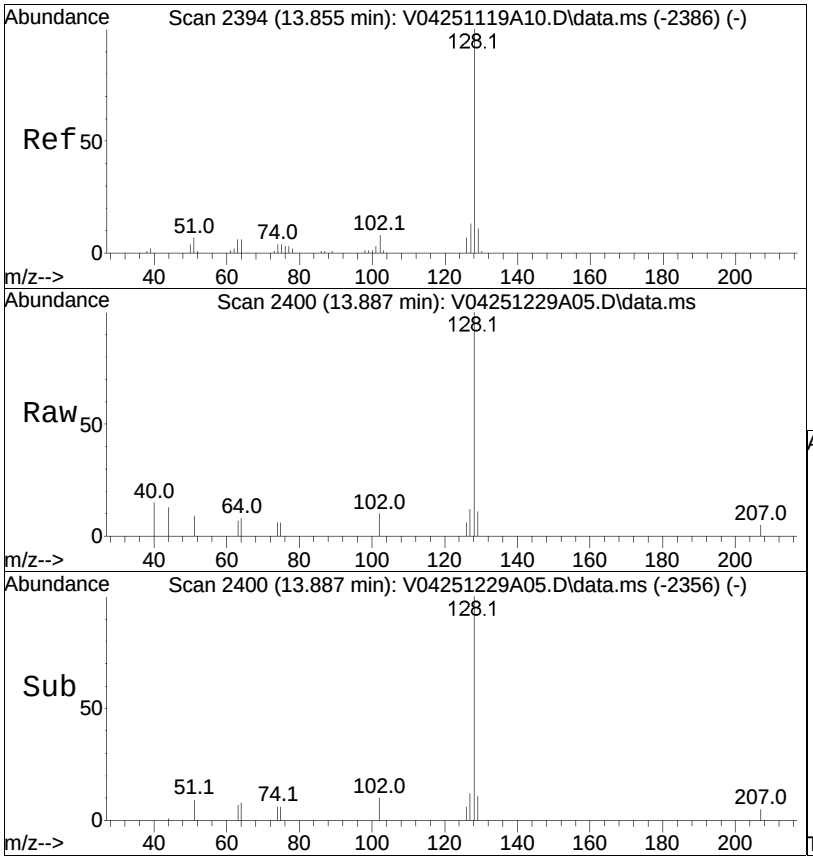


#109
1,2,4-Trichlorobenzene
Concen: 0.39 ug/L
RT: 13.593 min Scan# 2344
Delta R.T. 0.032 min
Lab File: V04251229A05.D
Acq: 29 Dec 2025 7:03 am

Tgt Ion:180 Resp: 2554

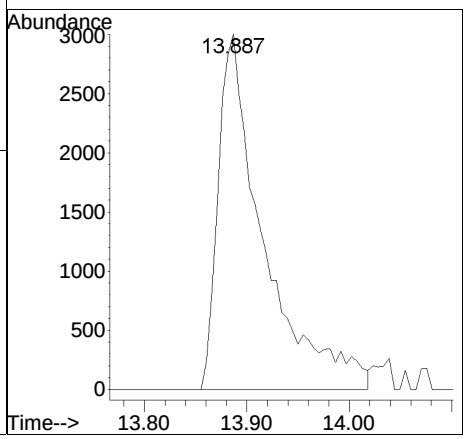
Ion	Ratio	Lower	Upper
180	100		
182	113.0	77.0	115.4
145	24.8	28.4	42.6#





#110
Naphthalene
Concen: 0.78 ug/L
RT: 13.887 min Scan# 2400
Delta R.T. 0.032 min
Lab File: V04251229A05.D
Acq: 29 Dec 2025 7:03 am

Tgt Ion:128 Resp: 9199



Manual Integration Report

Data Path	: K:\VOA104\2025\251229A\	QMethod	: V104_251119A_8260.m
Data File	: V04251229A05.D	Operator	: VOA104:MJV
Date Inj'd	: 12/29/2025 7:03 am	Instrument	: VOA104
Sample	: WG2159734-5,31,5,5	Quant Date	: 12/29/2025 7:54 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A05.D
Acq On : 29 Dec 2025 7:03 am
Operator : VOA104:MJV
Sample : WG2159734-5,31,5,5
Misc : WG2159734,ICAL22828
ALS Vial : 5 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V04251229A05.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.612	620	631	660	rBV	137929	309422	35.28%	7.070%
2	5.110	716	726	750	rBV	96763	219660	25.04%	5.019%
3	5.377	768	777	803	rBV	326821	717269	81.78%	16.389%
4	7.024	1081	1091	1133	rBV	388303	877089	100.00%	20.041%
5	7.328	1139	1149	1168	rVB2	13798	39532	4.51%	0.903%
6	8.838	1428	1437	1473	rBV	321630	760781	86.74%	17.383%
7	10.400	1723	1735	1783	rBV	249145	618974	70.57%	14.143%
8	11.674	1971	1978	2021	rBV	435690	833777	95.06%	19.051%

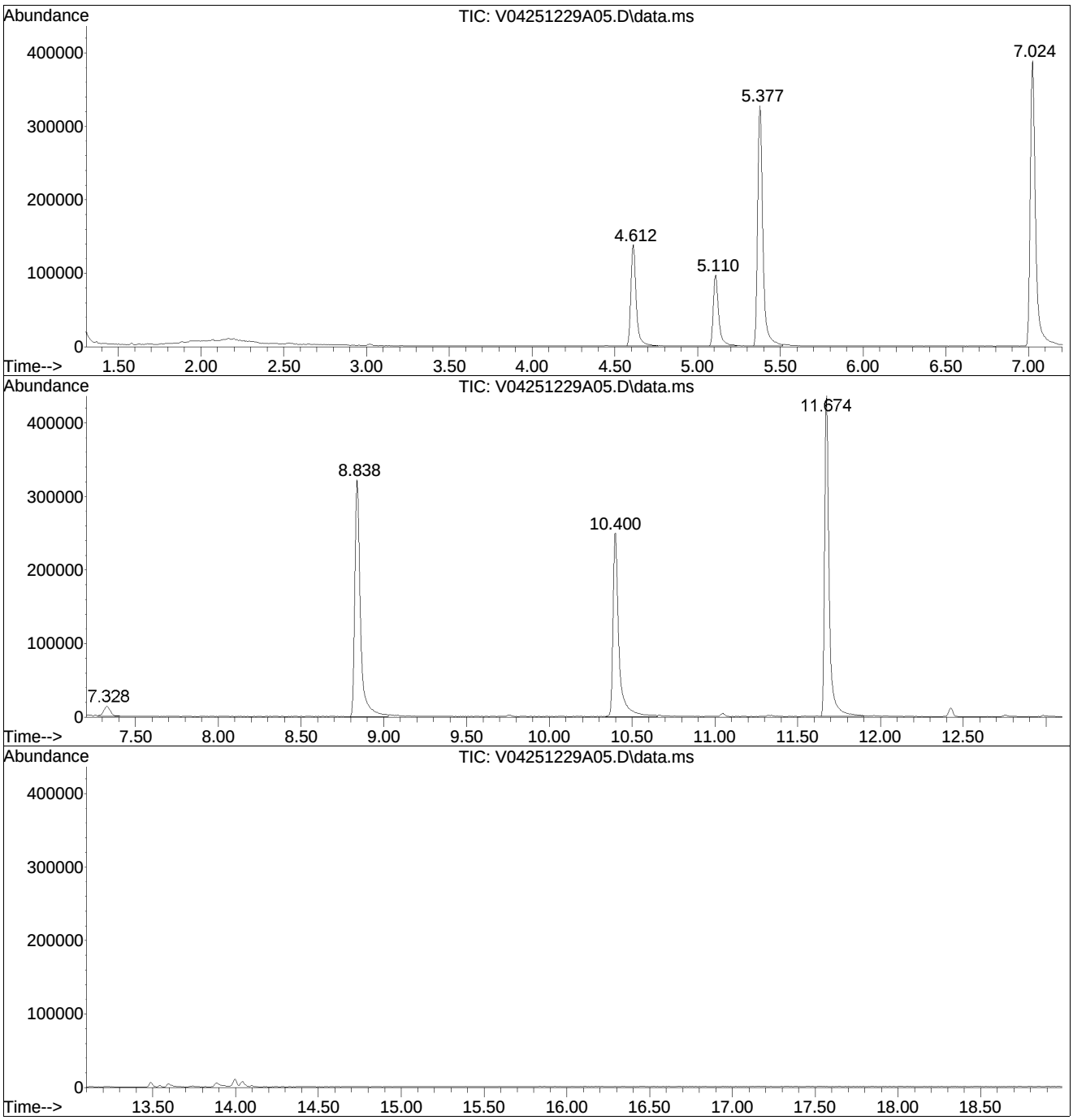
Sum of corrected areas: 4376504

LSC Report - Integrated Chromatogram

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A05.D
Acq On : 29 Dec 2025 7:03 am
Operator : VOA104:MJV
Sample : WG2159734-5,31,5,5
Misc : WG2159734,ICAL22828
ALS Vial : 5 Sample Multiplier: 1

Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A05.D
Acq On : 29 Dec 2025 7:03 am
Operator : VOA104:MJV
Sample : WG2159734-5,31,5,5
Misc : WG2159734,ICAL22828
ALS Vial : 5 Sample Multiplier: 1

Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A05.D
Acq On : 29 Dec 2025 7:03 am
Operator : VOA104:MJV
Sample : WG2159734-5,31,5,5
Misc : WG2159734,ICAL22828
ALS Vial : 5 Sample Multiplier: 1

Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A05.D
Acq On : 29 Dec 2025 7:03 am
Operator : VOA104:MJV
Sample : WG2160213-5,31h,15,15,0.1
Misc : WG2160213,ICAL22828
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 29 07:54:45 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251229A\V04251229A01.D
Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.377	96	360908	20.000 ug/L	0.00
Standard Area 1 = 369388			Recovery = 97.70%		
59) Chlorobenzene-d5	8.838	117	260796	20.000 ug/L	0.00
Standard Area 1 = 254827			Recovery = 102.34%		
79) 1,4-Dichlorobenzene-d4	11.674	152	145287	20.000 ug/L	0.00
Standard Area 1 = 126132			Recovery = 115.19%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.612	113	95201	18.391 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 91.95%		
43) 1,2-Dichloroethane-d4	5.110	65	80210	17.451 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 87.26%		
60) Toluene-d8	7.024	98	348651	20.798 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.99%		
83) 4-Bromofluorobenzene	10.400	95	131725	21.045 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.23%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.	
3) Chloromethane	1.587	50	119	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.880	94	1008	0.271 ug/L #	59
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.530	76	2012	0.122 ug/L #	86
12) Freon-113	0.000		0	N.D.	
15) Methylene chloride	3.018	84	1076	0.190 ug/L	83
17) Acetone	3.086	43	1168	Below Cal #	46
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	3.254	73	50	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
31) Cyclohexane	0.000		0	N.D.	
32) Chloroform	4.449	83	559	Below Cal #	74
34) Carbon tetrachloride	0.000		0	N.D.	
37) 1,1,1-Trichloroethane	0.000		0	N.D.	

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A05.D
Acq On : 29 Dec 2025 7:03 am
Operator : VOA104:MJV
Sample : WG2160213-5,31h,15,15,0.1
Misc : WG2160213,ICAL22828
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 29 07:54:45 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251229A\V04251229A01.D
Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 2-Butanone	0.000		0	N.D.		
41) Benzene	4.984	78	201	N.D.		
44) 1,2-Dichloroethane	0.000		0	N.D.		
47) Methyl cyclohexane	0.000		0	N.D.		
48) Trichloroethene	0.000		0	N.D.		
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.087	92	49	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	8.859	112	100	N.D.		
74) Ethylbenzene	8.832	91	385	N.D.		
76) p/m Xylene	0.000		0	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	9.823	104	61	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	10.075	105	116	N.D.		
85) n-Propylbenzene	10.631	91	470	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
90) 1,3,5-Trimethylbenzene	10.814	105	48	N.D.		
94) tert-Butylbenzene	11.187	119	352	N.D.		
97) 1,2,4-Trimethylbenzene	11.286	105	883	N.D.		
98) sec-Butylbenzene	11.370	105	1152	N.D.		
99) p-Isopropyltoluene	11.543	119	1305	N.D.		
100) 1,3-Dichlorobenzene	11.617	146	736	N.D.		
101) 1,4-Dichlorobenzene	11.690	146	1021	N.D.		
103) n-Butylbenzene	12.026	91	1254	N.D.		
104) 1,2-Dichlorobenzene	12.167	146	585	N.D.		
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	13.593	180	2554	0.392	ug/L #	82
110) Naphthalene	13.887	128	9199	0.781	ug/L	100

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

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A05.D
Acq On : 29 Dec 2025 7:03 am
Operator : VOA104:MJV
Sample : WG2160213-5,31h,15,15,0.1
Misc : WG2160213,ICAL22828
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 29 07:54:45 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251229A\V04251229A01.D
Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

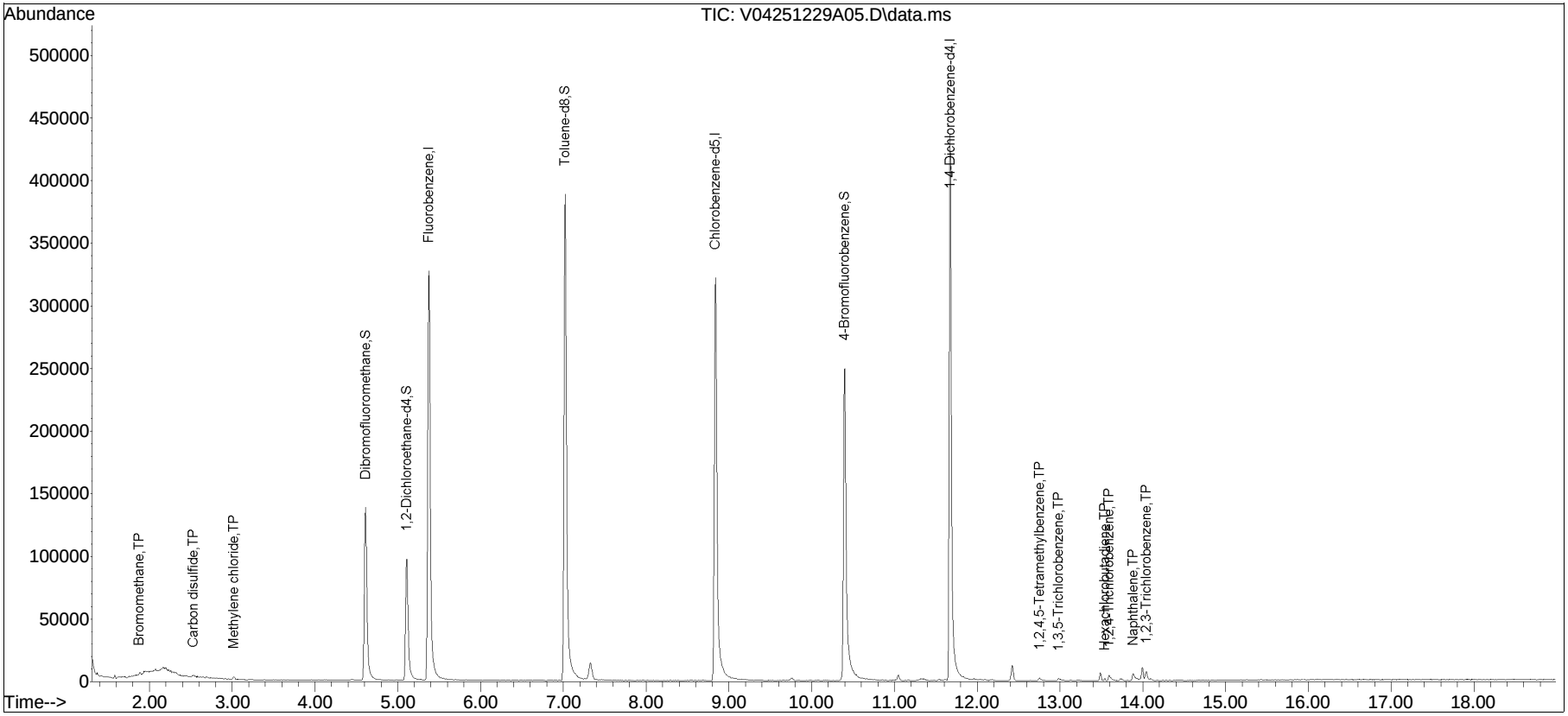
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

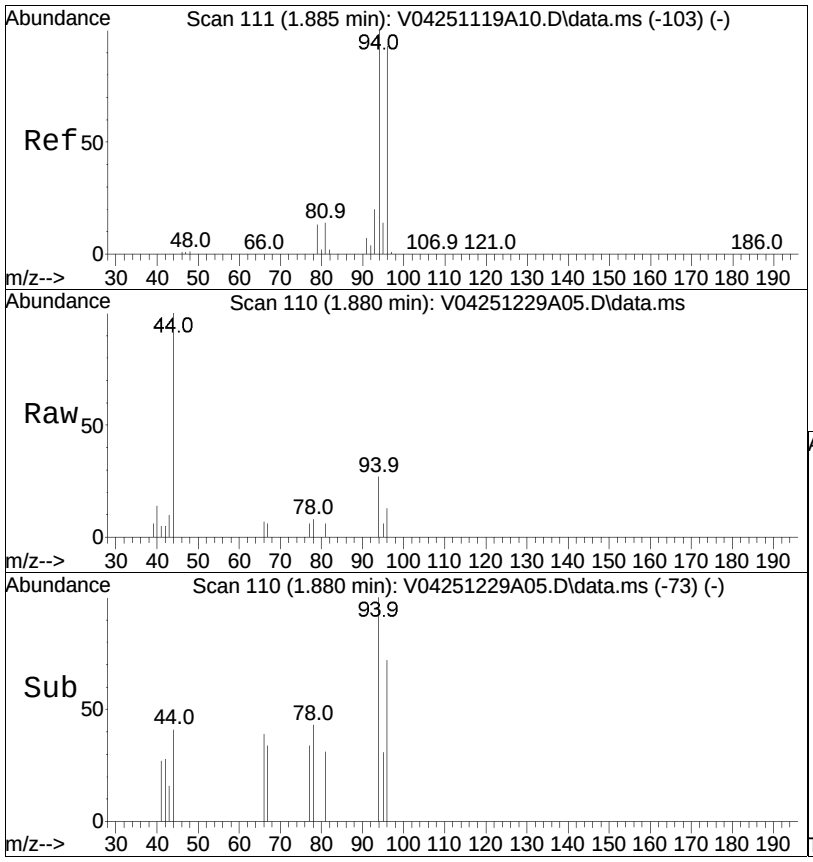
Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A05.D
Acq On : 29 Dec 2025 7:03 am
Operator : VOA104:MJV
Sample : WG2160213-5,31h,15,15,0.1
Misc : WG2160213,ICAL22828
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 29 07:54:45 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODOD•

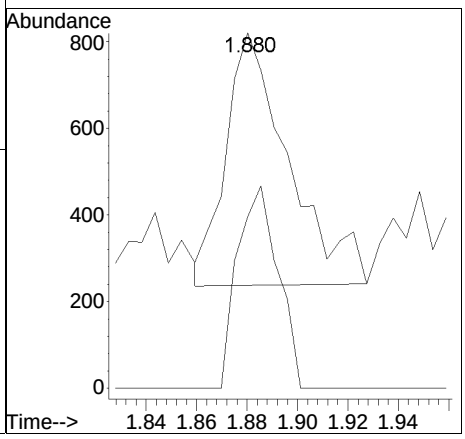


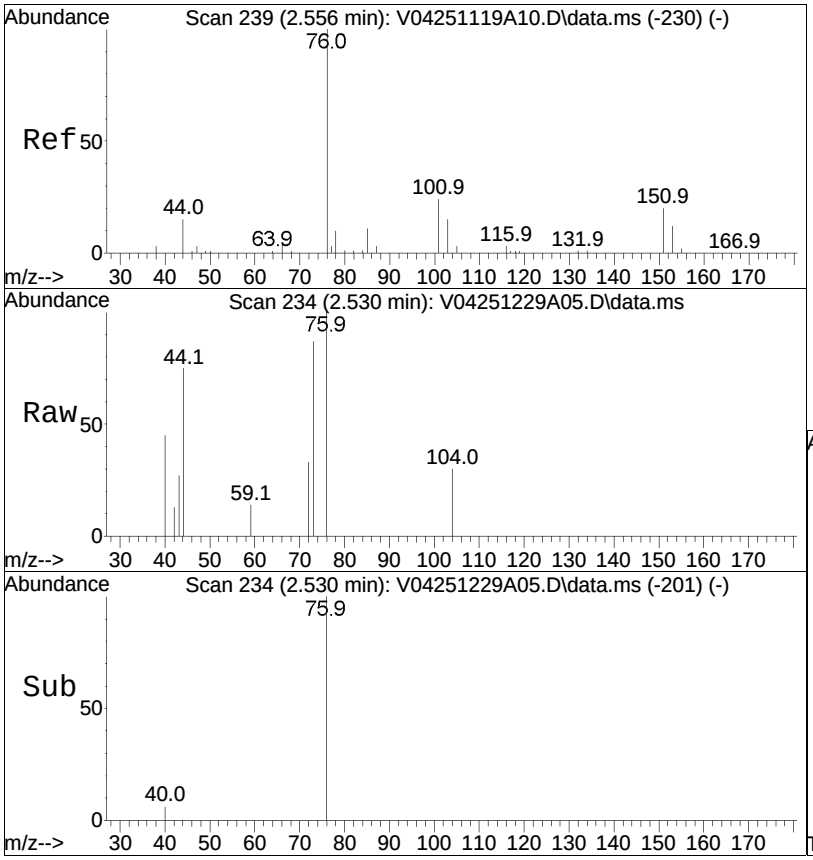


#5
Bromomethane
Concen: 0.27 ug/L
RT: 1.880 min Scan# 110
Delta R.T. -0.005 min
Lab File: V04251229A05.D
Acq: 29 Dec 2025 7:03 am

Tgt Ion: 94 Resp: 1008

Ion	Ratio	Lower	Upper
94	100		
96	51.8	71.0	111.0#

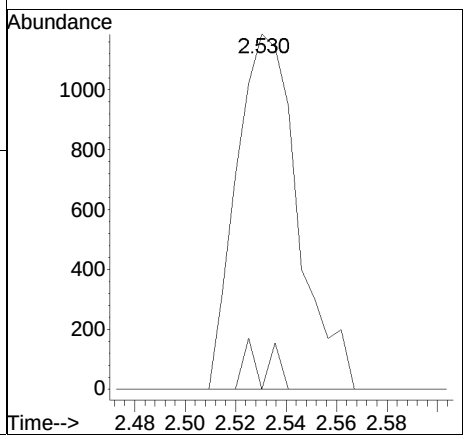


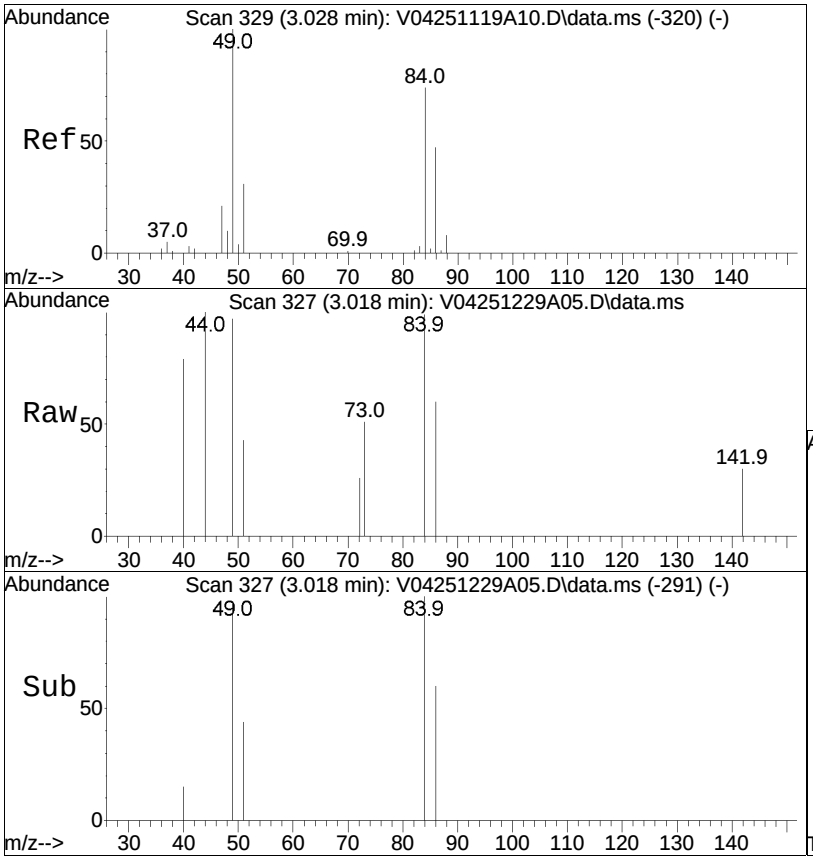


#11
Carbon disulfide
Concen: 0.12 ug/L
RT: 2.530 min Scan# 234
Delta R.T. -0.026 min
Lab File: V04251229A05.D
Acq: 29 Dec 2025 7:03 am

Tgt Ion: 76 Resp: 2012

Ion	Ratio	Lower	Upper
76	100		
78	5.1	6.6	13.8#

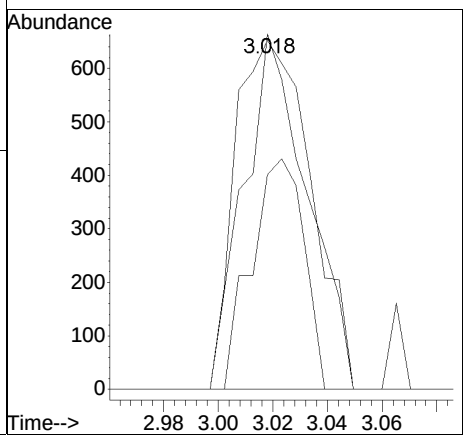


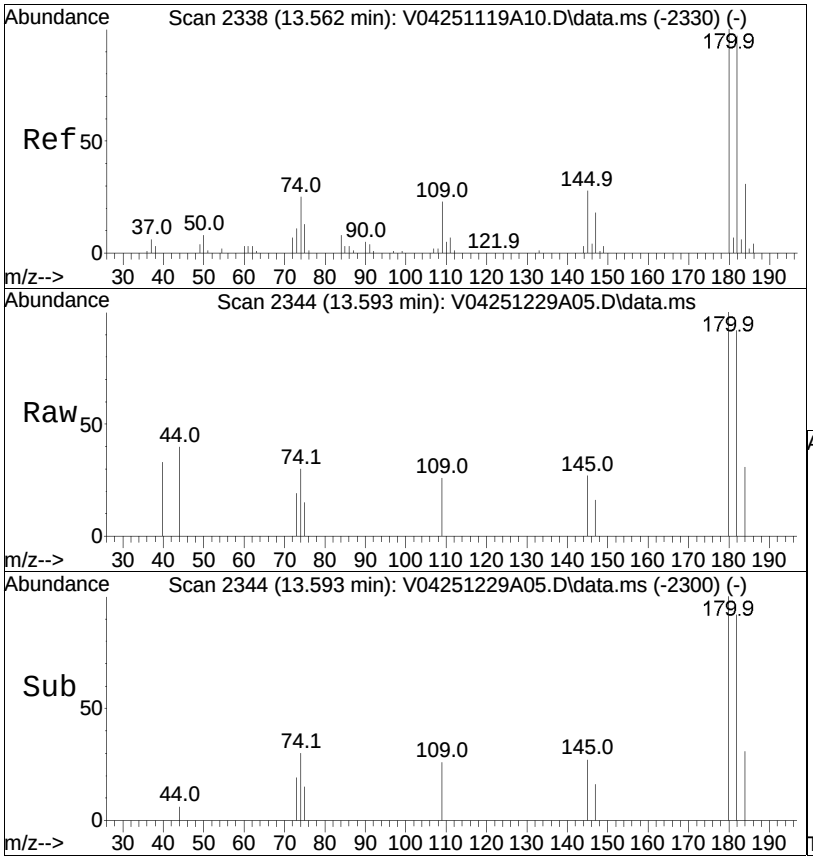


#15
Methylene chloride
Concen: 0.19 ug/L
RT: 3.018 min Scan# 327
Delta R.T. -0.010 min
Lab File: V04251229A05.D
Acq: 29 Dec 2025 7:03 am

Tgt Ion: 84 Resp: 1076

Ion	Ratio	Lower	Upper
84	100		
86	53.7	41.3	85.9
49	116.4	91.0	189.0

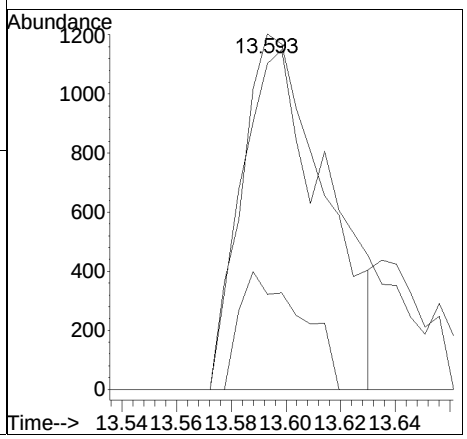


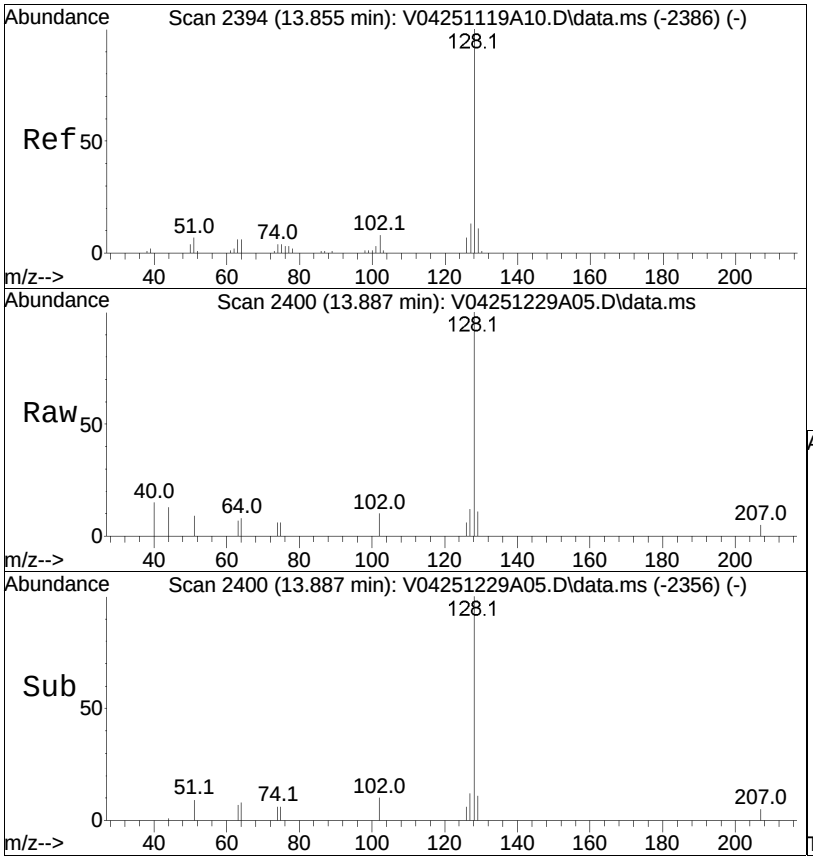


#109
1,2,4-Trichlorobenzene
Concen: 0.39 ug/L
RT: 13.593 min Scan# 2344
Delta R.T. 0.032 min
Lab File: V04251229A05.D
Acq: 29 Dec 2025 7:03 am

Tgt Ion:180 Resp: 2554

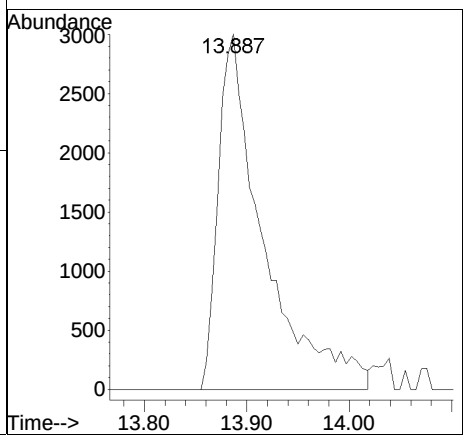
Ion	Ratio	Lower	Upper
180	100		
182	113.0	77.0	115.4
145	24.8	28.4	42.6#





#110
Naphthalene
Concen: 0.78 ug/L
RT: 13.887 min Scan# 2400
Delta R.T. 0.032 min
Lab File: V04251229A05.D
Acq: 29 Dec 2025 7:03 am

Tgt Ion:128 Resp: 9199



Manual Integration Report

Data Path	: K:\VOA104\2025\251229A\	QMethod	: V104_251119A_8260.m
Data File	: V04251229A05.D	Operator	: VOA104:MJV
Date Inj'd	: 12/29/2025 7:03 am	Instrument	: VOA104
Sample	: WG2160213-5,31h,15,15,0.1	Quant Date	: 12/29/2025 7:54 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A05.D
Acq On : 29 Dec 2025 7:03 am
Operator : VOA104:MJV
Sample : WG2160213-5,31h,15,15,0.1
Misc : WG2160213,ICAL22828
ALS Vial : 5 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V04251229A05.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.612	620	631	660	rBV	137929	309422	35.28%	7.070%
2	5.110	716	726	750	rBV	96763	219660	25.04%	5.019%
3	5.377	768	777	803	rBV	326821	717269	81.78%	16.389%
4	7.024	1081	1091	1133	rBV	388303	877089	100.00%	20.041%
5	7.328	1139	1149	1168	rVB2	13798	39532	4.51%	0.903%
6	8.838	1428	1437	1473	rBV	321630	760781	86.74%	17.383%
7	10.400	1723	1735	1783	rBV	249145	618974	70.57%	14.143%
8	11.674	1971	1978	2021	rBV	435690	833777	95.06%	19.051%

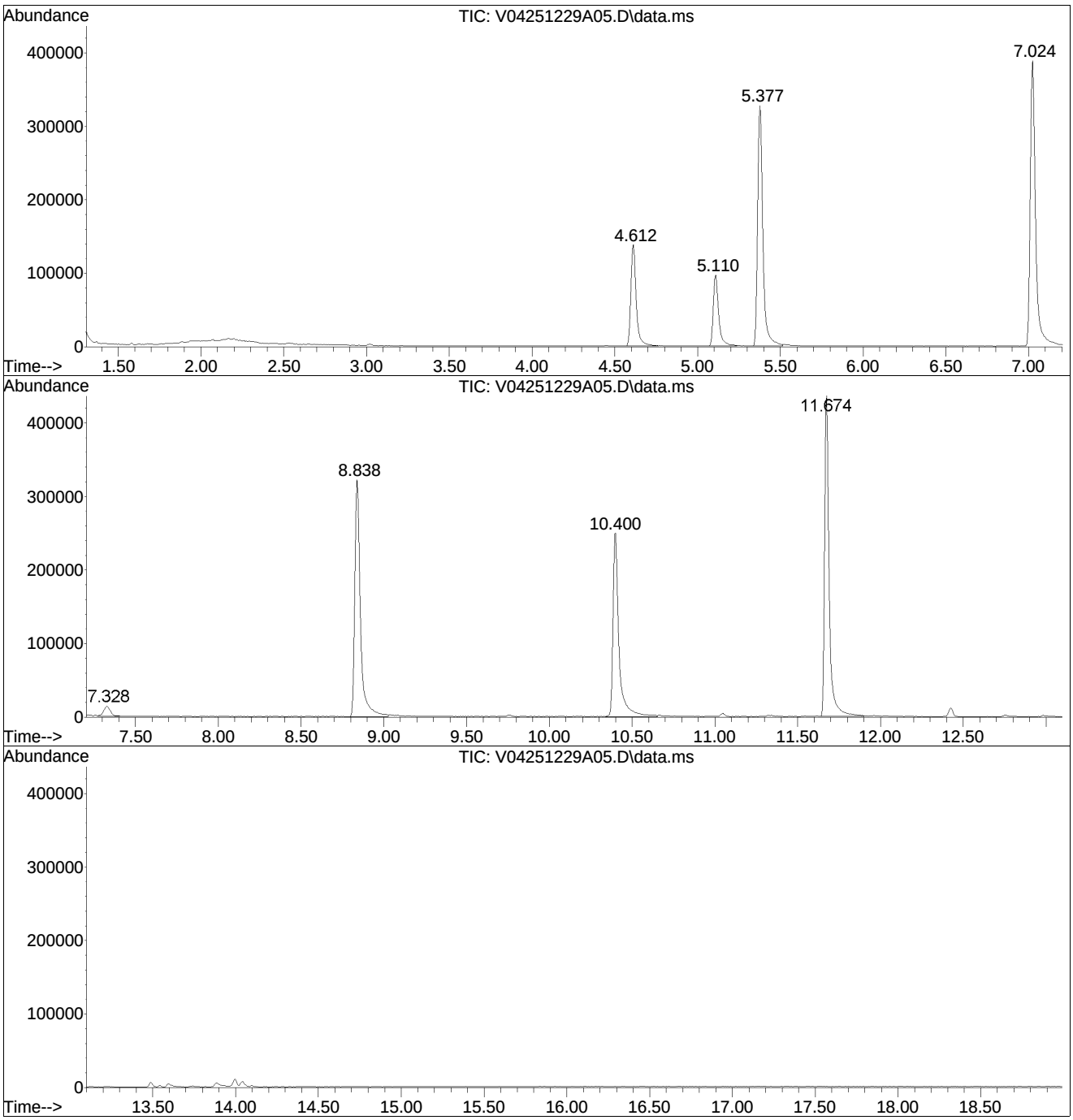
Sum of corrected areas: 4376504

LSC Report - Integrated Chromatogram

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A05.D
Acq On : 29 Dec 2025 7:03 am
Operator : VOA104:MJV
Sample : WG2160213-5,31h,15,15,0.1
Misc : WG2160213,ICAL22828
ALS Vial : 5 Sample Multiplier: 1

Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A05.D
Acq On : 29 Dec 2025 7:03 am
Operator : VOA104:MJV
Sample : WG2160213-5,31h,15,15,0.1
Misc : WG2160213,ICAL22828
ALS Vial : 5 Sample Multiplier: 1

Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A05.D
Acq On : 29 Dec 2025 7:03 am
Operator : VOA104:MJV
Sample : WG2160213-5,31h,15,15,0.1
Misc : WG2160213,ICAL22828
ALS Vial : 5 Sample Multiplier: 1

Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A05.D
Acq On : 31 Dec 2025 08:36 am
Operator : VOA123:BAD
Sample : WG2160756-5,31H,15,15,0.100
Misc : WG2160756,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 31 12:33:02 2025
Quant Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251231A\V23251231A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.518	96	126974	20.000 ug/L	0.00
Standard Area 1 = 133028			Recovery = 95.45%		
59) Chlorobenzene-d5	8.995	117	87884	20.000 ug/L	0.00
Standard Area 1 = 99393			Recovery = 88.42%		
79) 1,4-Dichlorobenzene-d4	11.806	152	47714	20.000 ug/L	0.00
Standard Area 1 = 56524			Recovery = 84.41%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.731	113	33341	20.846 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.23%		
43) 1,2-Dichloroethane-d4	5.239	65	36253	22.145 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 110.73%		
60) Toluene-d8	7.174	98	119101	20.040 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.20%		
83) 4-Bromofluorobenzene	10.540	95	39882	18.696 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.48%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.301	85	57	N.D.	
3) Chloromethane	1.524	50	26	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	0.000		0	N.D.	
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.640	76	415	N.D.	
12) Freon-113	0.000		0	N.D.	
15) Methylene chloride	3.128	84	535M1	0.312 ug/L	
17) Acetone	0.000		0	N.D. d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
19) Methyl acetate	3.220	43	54	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	0.000		0	N.D.	
31) Cyclohexane	0.000		0	N.D.	
32) Chloroform	4.567	83	36	N.D.	
34) Carbon tetrachloride	0.000		0	N.D.	
37) 1,1,1-Trichloroethane	0.000		0	N.D.	

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A05.D
Acq On : 31 Dec 2025 08:36 am
Operator : VOA123:BAD
Sample : WG2160756-5,31H,15,15,0.100
Misc : WG2160756,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 31 12:33:02 2025
Quant Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251231A\V23251231A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39)	2-Butanone	0.000		0	N.D.		
41)	Benzene	0.000		0	N.D.		
44)	1,2-Dichloroethane	0.000		0	N.D.		
47)	Methyl cyclohexane	0.000		0	N.D.		
48)	Trichloroethene	0.000		0	N.D.		
51)	1,2-Dichloropropane	0.000		0	N.D.		
54)	Bromodichloromethane	0.000		0	N.D.		
58)	cis-1,3-Dichloropropene	0.000		0	N.D.		
61)	Toluene	0.000		0	N.D.		
62)	4-Methyl-2-pentanone	0.000		0	N.D.		
63)	Tetrachloroethene	0.000		0	N.D.		
65)	trans-1,3-Dichloropropene	0.000		0	N.D.		
68)	1,1,2-Trichloroethane	0.000		0	N.D.		
69)	Chlorodibromomethane	0.000		0	N.D.		
71)	1,2-Dibromoethane	0.000		0	N.D.		
72)	2-Hexanone	0.000		0	N.D.		
73)	Chlorobenzene	0.000		0	N.D.		
74)	Ethylbenzene	0.000		0	N.D.		
76)	p/m Xylene	0.000		0	N.D.		
77)	o Xylene	0.000		0	N.D.		
78)	Styrene	0.000		0	N.D.		
80)	Bromoform	0.000		0	N.D.		
82)	Isopropylbenzene	0.000		0	N.D.		
85)	n-Propylbenzene	10.548	91	27	N.D.		
87)	1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
90)	1,3,5-Trimethylbenzene	0.000		0	N.D.		
94)	tert-Butylbenzene	0.000		0	N.D.		
97)	1,2,4-Trimethylbenzene	0.000		0	N.D.		
98)	sec-Butylbenzene	0.000		0	N.D.		
99)	p-Isopropyltoluene	0.000		0	N.D.		
100)	1,3-Dichlorobenzene	11.814	146	81	N.D.		
101)	1,4-Dichlorobenzene	11.831	146	38	N.D.		
103)	n-Butylbenzene	0.000		0	N.D.		
104)	1,2-Dichlorobenzene	0.000		0	N.D.		
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109)	1,2,4-Trichlorobenzene	13.744	180	31	N.D.		
110)	Naphthalene	14.029	128	251	N.D.		

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

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A05.D
Acq On : 31 Dec 2025 08:36 am
Operator : VOA123:BAD
Sample : WG2160756-5,31H,15,15,0.100
Misc : WG2160756,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 31 12:33:02 2025
Quant Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251231A\V23251231A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

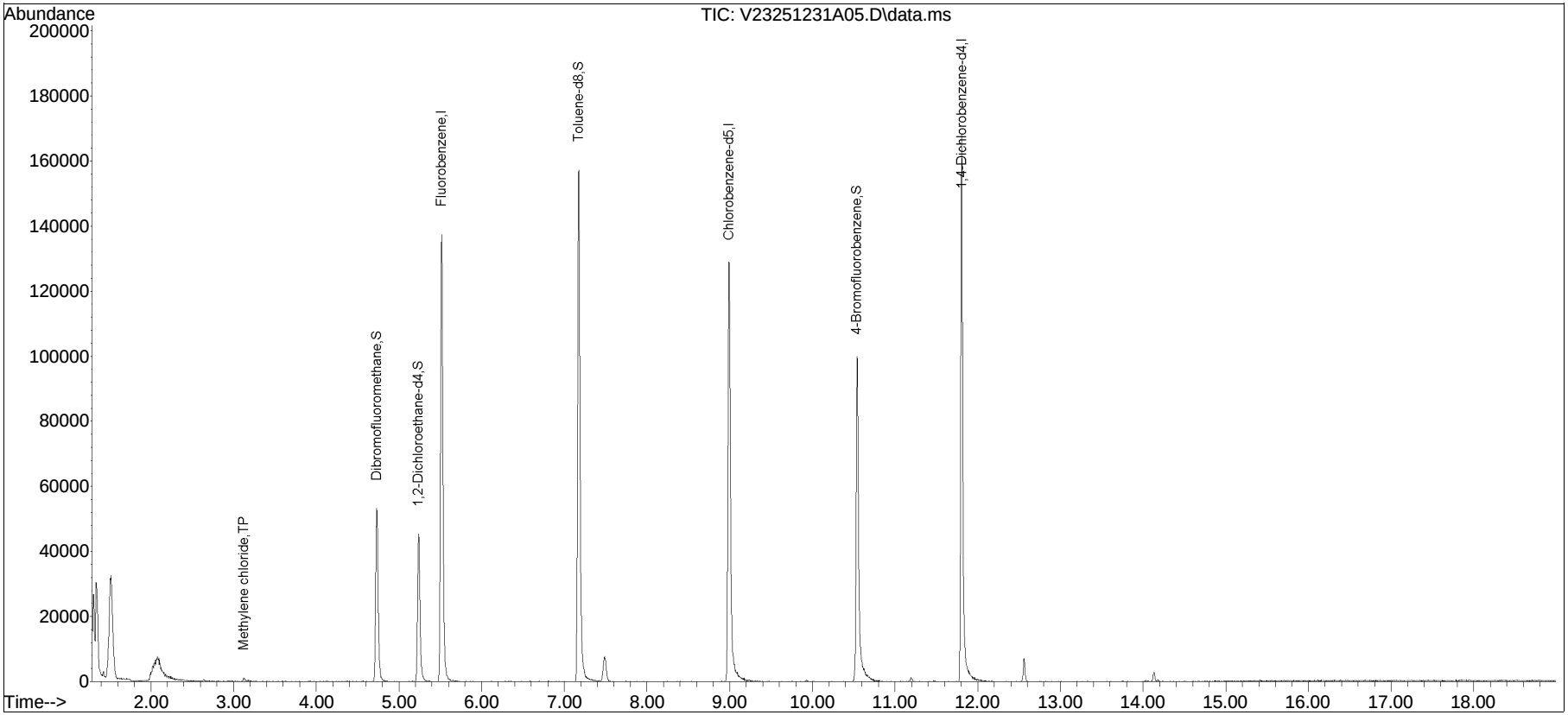
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

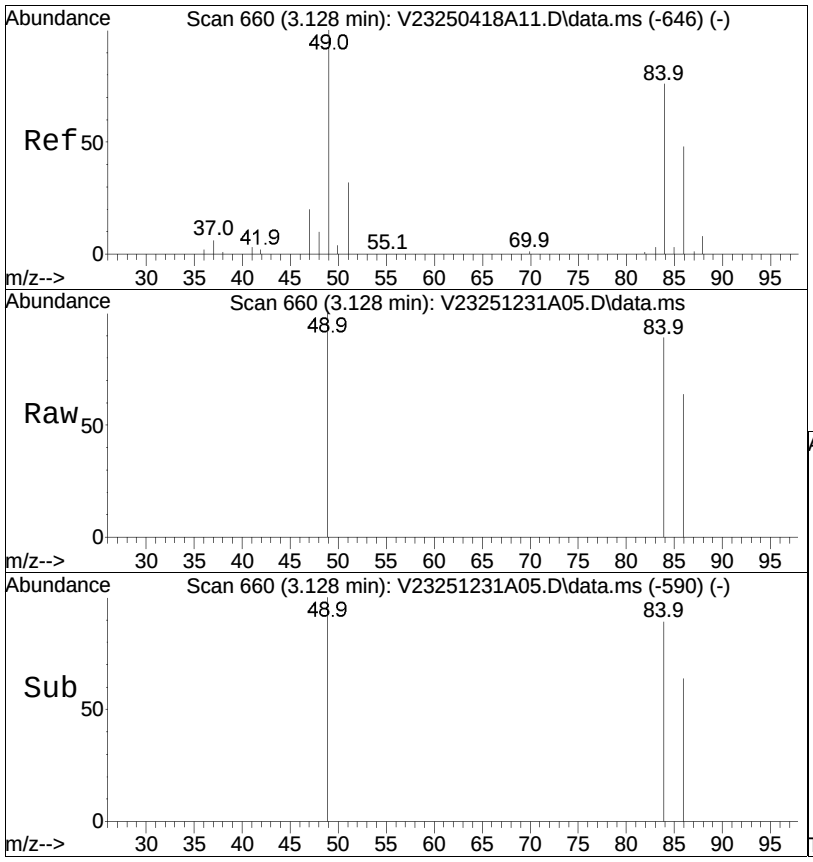
Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A05.D
Acq On : 31 Dec 2025 08:36 am
Operator : VOA123:BAD
Sample : WG2160756-5,31H,15,15,0.100
Misc : WG2160756,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 31 12:33:02 2025
Quant Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

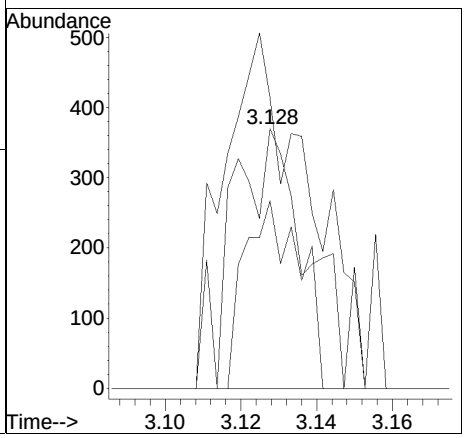




#15
Methylene chloride
Concen: 0.31 ug/L M1
RT: 3.128 min Scan# 660
Delta R.T. -0.006 min
Lab File: V23251231A05.D
Acq: 31 Dec 2025 08:36 am

Tgt Ion: 84 Resp: 535

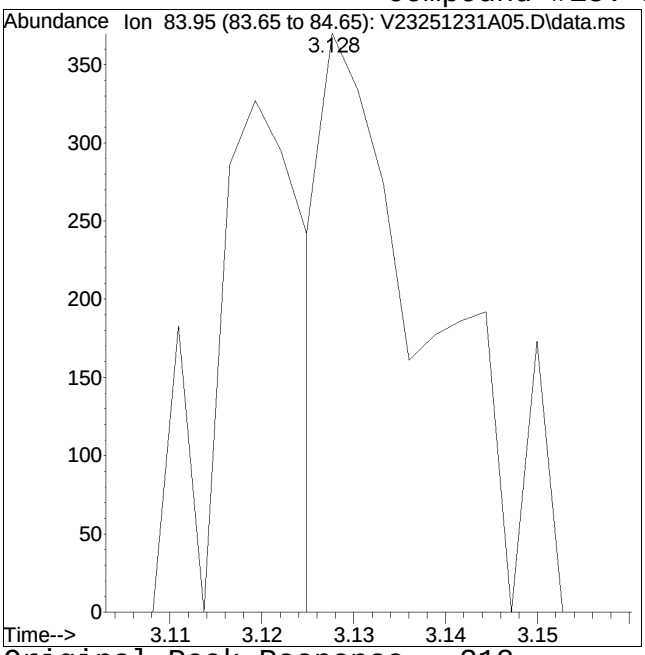
Ion	Ratio	Lower	Upper
84	100		
86	51.2	42.0	87.2
49	146.5	74.0	153.6



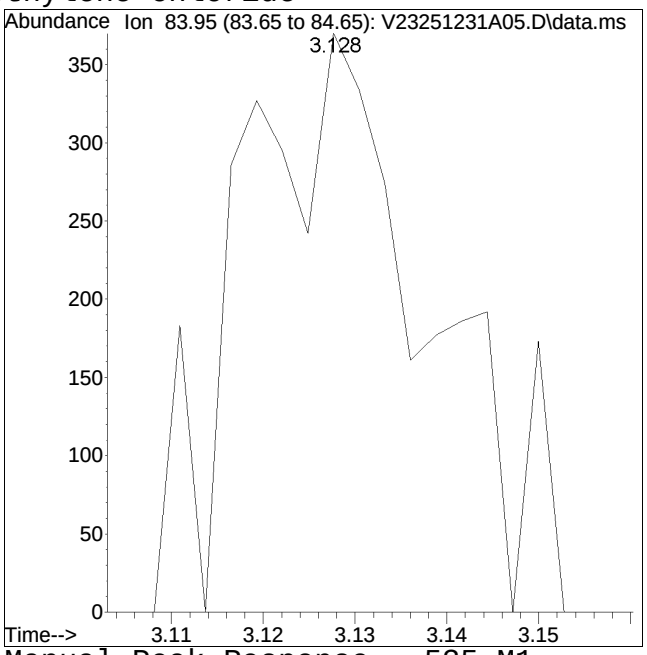
Manual Integration Report

Data Path : K:\VOA123\2025\251231A\ QMethod : V123_251103N_8260.m
Data File : V23251231A05.D Operator : VOA123:BAD
Date Inj'd : 12/31/2025 8:36 am Instrument : VOA123
Sample : WG2160756-5,31H,15,15,0.10 Quant Date : 12/31/2025 12:31 pm

Compound #15: Methylene chloride



Original Peak Response = 312



Manual Peak Response = 535 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

LSC Area Percent Report

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A05.D
Acq On : 31 Dec 2025 08:36 am
Operator : VOA123:BAD
Sample : WG2160756-5,31H,15,15,0.100
Misc : WG2160756,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V23251231A05.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.307	3	7	14	rVB2	14443	13526	4.24%	0.766%
2	1.337	14	18	45	rVB2	28838	54673	17.14%	3.098%
3	1.519	60	83	109	rVB3	31895	96841	30.36%	5.487%
4	4.731	1220	1235	1265	rBV3	53261	109754	34.41%	6.219%
5	5.239	1402	1417	1446	rBV3	45353	94028	29.48%	5.328%
6	5.518	1500	1517	1547	rBV2	137406	274964	86.20%	15.580%
7	7.174	2096	2111	2141	rBV	157374	318968	100.00%	18.074%
8	7.486	2204	2223	2245	rBB2	7763	19559	6.13%	1.108%
9	8.992	2748	2763	2798	rBV2	129134	275131	86.26%	15.590%
10	10.543	3299	3319	3346	rBV3	100018	207856	65.17%	11.778%
11	11.806	3759	3772	3805	rBV2	168177	289149	90.65%	16.384%
12	12.559	4031	4042	4059	rBB	7196	10352	3.25%	0.587%

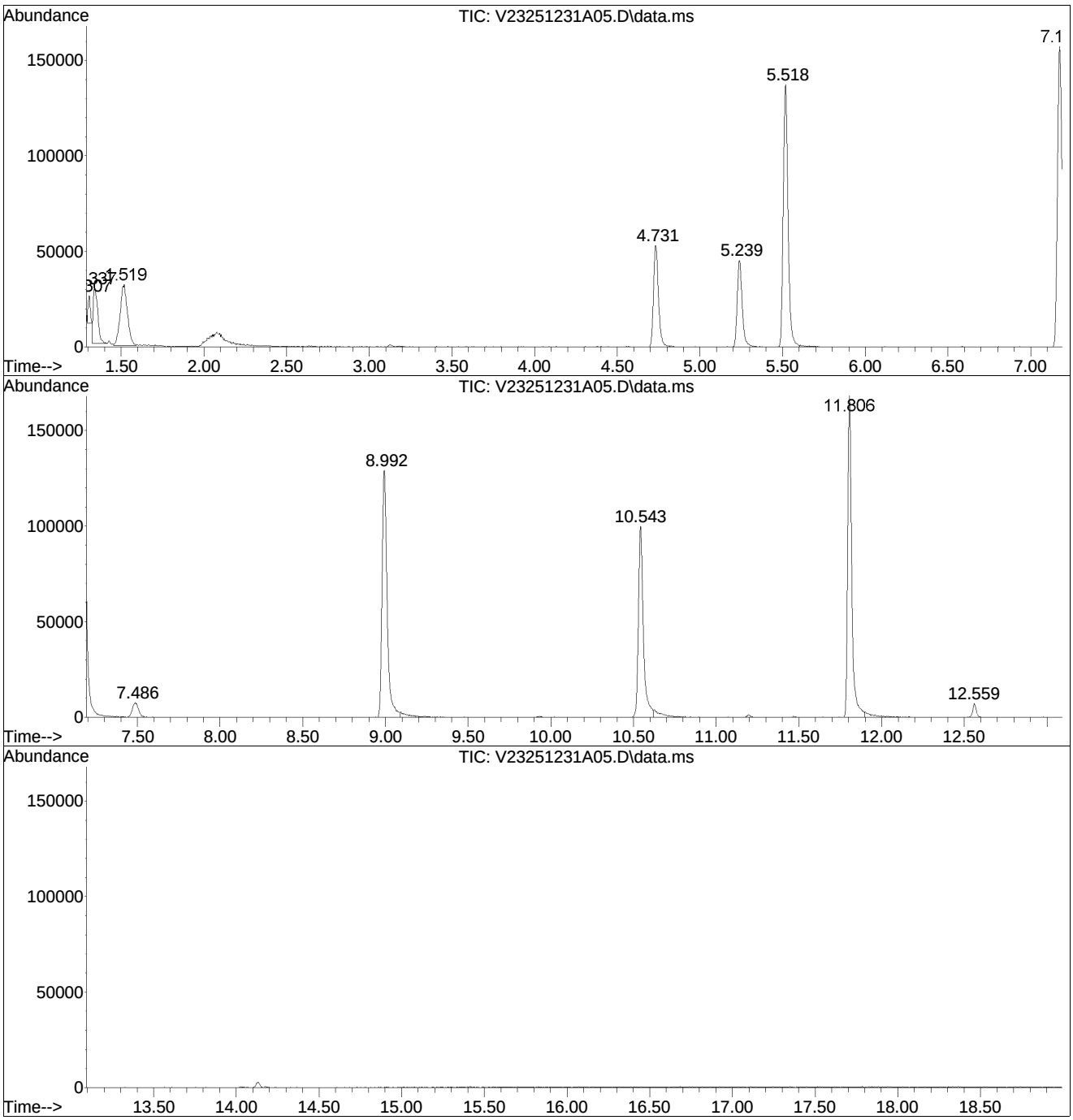
Sum of corrected areas: 1764801

LSC Report - Integrated Chromatogram

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A05.D
Acq On : 31 Dec 2025 08:36 am
Operator : VOA123:BAD
Sample : WG2160756-5,31H,15,15,0.100
Misc : WG2160756,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A05.D
Acq On : 31 Dec 2025 08:36 am
Operator : VOA123:BAD
Sample : WG2160756-5,31H,15,15,0.100
Misc : WG2160756,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS

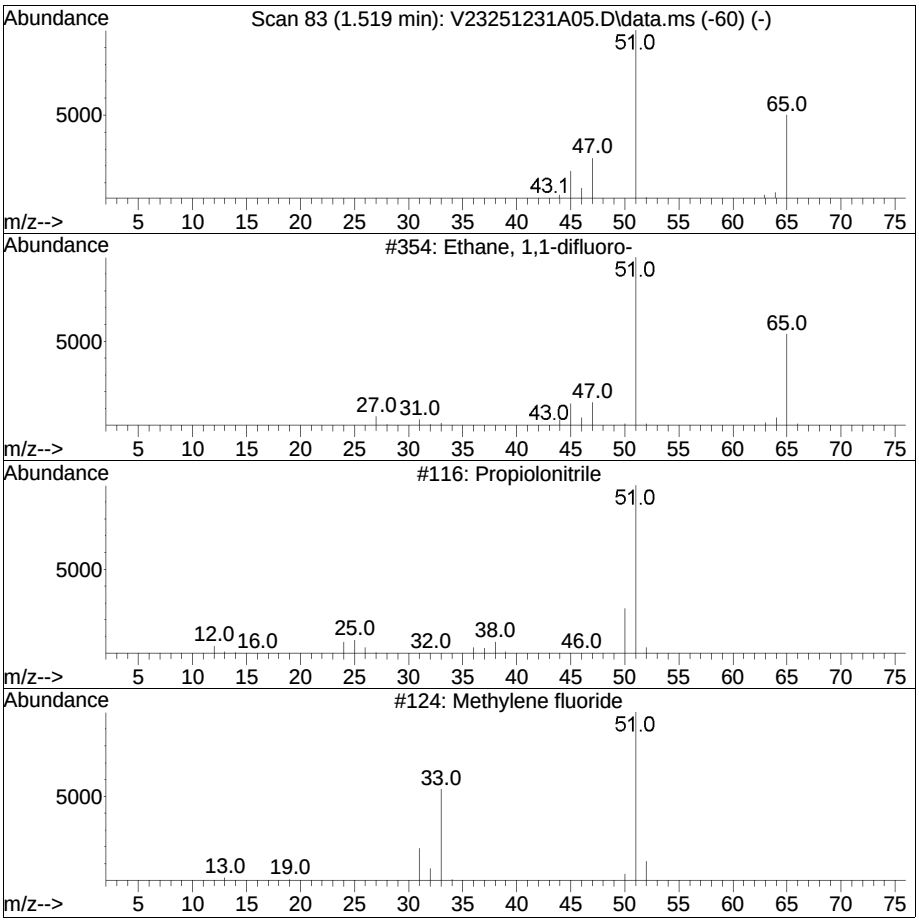
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

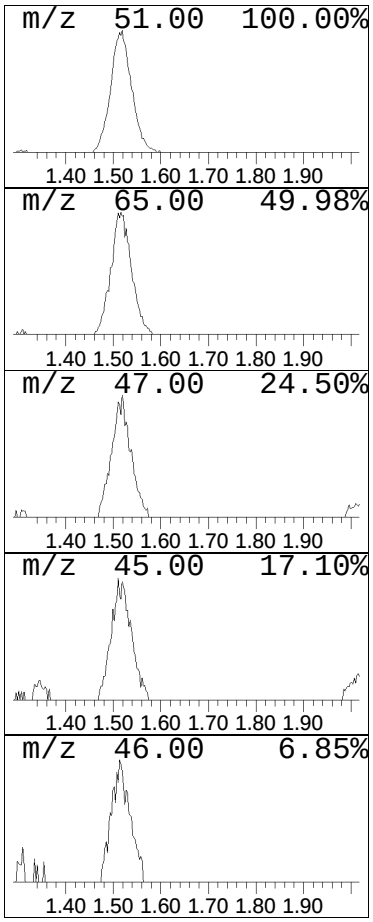
****

Peak Number 2 Unknown Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.519	7.04 ug/L	96841	Fluorobenzene	5.518

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1-difluoro-	66	C2H4F2	000075-37-6	91
2	Propiolonitrile	51	C3HN	001070-71-9	3
3	Methylene fluoride	52	CH2F2	000075-10-5	1
4	2-Chloroethanol	80	C2H5ClO	000107-07-3	1
5	n-Propyl chloride	78	C3H7Cl	000540-54-5	1





Tentatively Identified Compound (LSC) summary

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A05.D
Acq On : 31 Dec 2025 08:36 am
Operator : VOA123:BAD
Sample : WG2160756-5,31H,15,15,0.100
Misc : WG2160756,ICAL22792
ALS Vial : 5 Sample Multiplier: 1

Quant Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	1.519	7.0	ug/L	96841	1	5.518	274964	20.0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A01.D
Acq On : 28 Dec 2025 03:43 pm
Operator : VOA100:RAW
Sample : WG2159676-3,31,5,5
Misc : WG2159676,ICAL22914
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 16:21:23 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.232	96	159908	20.000	ug/L	0.00
Standard Area 1 = 159908			Recovery = 100.00%			
60) Chlorobenzene-d5	9.798	117	142938	20.000	ug/L	0.00
Standard Area 1 = 142938			Recovery = 100.00%			
80) 1,4-Dichlorobenzene-d4	12.466	152	85973	20.000	ug/L	0.01
Standard Area 1 = 85973			Recovery = 100.00%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	45261	20.375	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.88%			
44) 1,2-Dichloroethane-d4	5.939	65	44442	20.131	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.66%			
61) Toluene-d8	7.942	98	177756	19.352	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.76%			
84) 4-Bromofluorobenzene	11.266	95	65055	18.987	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.93%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.781	85	85277	35.717	ug/L #	81
3) Chloromethane	2.001	50	112092	45.153	ug/L	96
4) Vinyl chloride	2.054	62	113922	46.273	ug/L	86
5) Bromomethane	2.379	94	72406	56.335	ug/L	100
6) Chloroethane	2.505	64	73158	47.481	ug/L	86
7) Trichlorofluoromethane	2.646	101	142099	41.924	ug/L	99
10) 1,1-Dichloroethene	3.150	96	83820	42.003	ug/L	90
11) Carbon disulfide	3.186	76	319616	39.477	ug/L	99
12) Freon-113	3.192	101	85038	42.770	ug/L	95
15) Methylene chloride	3.705	84	104114	42.132	ug/L	80
17) Acetone	3.726	43	45221	40.667	ug/L	90
18) trans-1,2-Dichloroethene	3.863	96	97475	42.564	ug/L	98
19) Methyl acetate	3.852	43	62082	41.801	ug/L #	81
20) Methyl tert-butyl ether	3.957	73	282158	44.113	ug/L	93
23) 1,1-Dichloroethane	4.445	63	180958	44.101	ug/L	99
28) cis-1,2-Dichloroethene	4.969	96	108522	42.760	ug/L	97
32) Cyclohexane	5.189	56	166937	45.584	ug/L	93
33) Chloroform	5.231	83	187945	42.940	ug/L	97
35) Carbon tetrachloride	5.388	117	143343	41.738	ug/L	99
38) 1,1,1-Trichloroethane	5.446	97	157825	44.661	ug/L	98

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A01.D
Acq On : 28 Dec 2025 03:43 pm
Operator : VOA100:RAW
Sample : WG2159676-3,31,5,5
Misc : WG2159676,ICAL22914
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 16:21:23 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) 2-Butanone	5.509	43	38722	40.484	ug/L		95
42) Benzene	5.813	78	380723	45.007	ug/L		97
45) 1,2-Dichloroethane	6.007	62	132594	43.848	ug/L		100
48) Methyl cyclohexane	6.421	83	169857	44.316	ug/L		93
49) Trichloroethene	6.421	95	104458	44.727	ug/L		94
52) 1,2-Dichloropropane	6.956	63	102491	45.196	ug/L		99
55) Bromodichloromethane	7.029	83	146353	44.229	ug/L		100
59) cis-1,3-Dichloropropene	7.721	75	171885	45.308	ug/L	#	83
62) Toluene	7.999	92	246497	38.967	ug/L		95
63) 4-Methyl-2-pentanone	8.414	58	31878	39.684	ug/L	#	50
64) Tetrachloroethene	8.461	166	116086	38.032	ug/L		93
66) trans-1,3-Dichloropropene	8.471	75	153547	39.757	ug/L		88
69) 1,1,2-Trichloroethane	8.660	83	71190	39.201	ug/L		99
70) Chlorodibromomethane	8.880	129	112464	38.225	ug/L		99
72) 1,2-Dibromoethane	9.158	107	87110	38.783	ug/L		98
73) 2-Hexanone	9.431	43	61797	38.071	ug/L	#	79
74) Chlorobenzene	9.819	112	279627	38.686	ug/L		98
75) Ethylbenzene	9.861	91	466789	38.949	ug/L		99
77) p/m Xylene	10.049	106	365495	77.977	ug/L		99
78) o Xylene	10.574	106	360800	77.880	ug/L		98
79) Styrene	10.637	104	615568	78.966	ug/L		98
81) Bromoform	10.658	173	78104	35.874	ug/L		99
83) Isopropylbenzene	10.956	105	480668	38.066	ug/L		99
86) n-Propylbenzene	11.423	91	545052	37.906	ug/L		97
88) 1,1,2,2-Tetrachloroethane	11.491	83	111014	37.282	ug/L		97
91) 1,3,5-Trimethylbenzene	11.643	105	405324	37.907	ug/L		98
95) tert-Butylbenzene	11.984	119	347468	37.414	ug/L		96
98) 1,2,4-Trimethylbenzene	12.057	105	406757	38.451	ug/L		99
99) sec-Butylbenzene	12.173	105	531342	38.511	ug/L		100
100) p-Isopropyltoluene	12.325	119	463344	38.896	ug/L		99
101) 1,3-Dichlorobenzene	12.388	146	248515	37.820	ug/L		98
102) 1,4-Dichlorobenzene	12.482	146	253156	37.982	ug/L		98
104) n-Butylbenzene	12.755	91	427148	40.294	ug/L		99
105) 1,2-Dichlorobenzene	12.902	146	234685	37.907	ug/L		98
107) 1,2-Dibromo-3-chloropr...	13.672	155	21356	35.144	ug/L		91
110) 1,2,4-Trichlorobenzene	14.312	180	180327	38.760	ug/L		98
111) Naphthalene	14.600	128	351655	37.297	ug/L		100

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

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A01.D
Acq On : 28 Dec 2025 03:43 pm
Operator : VOA100:RAW
Sample : WG2159676-3,31,5,5
Misc : WG2159676,ICAL22914
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 16:21:23 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

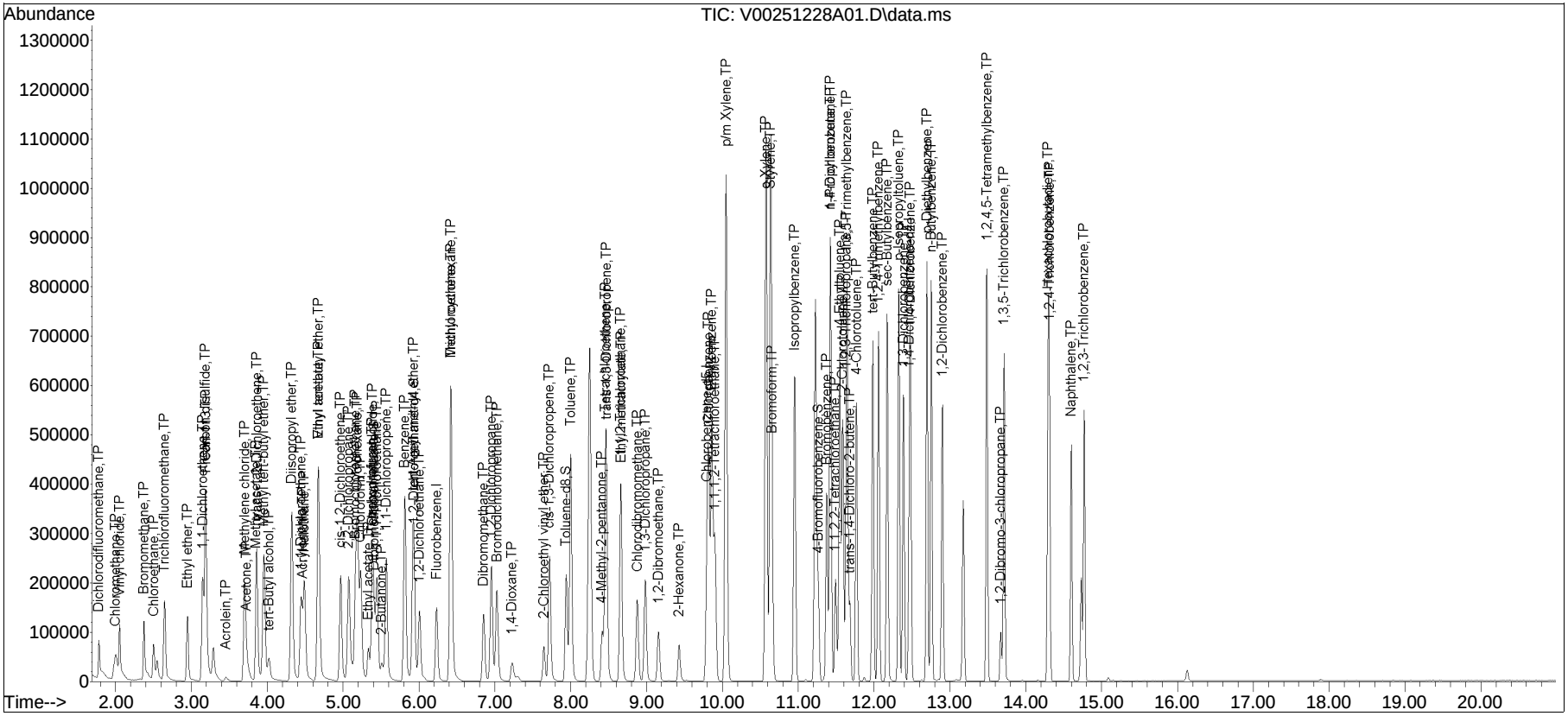
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

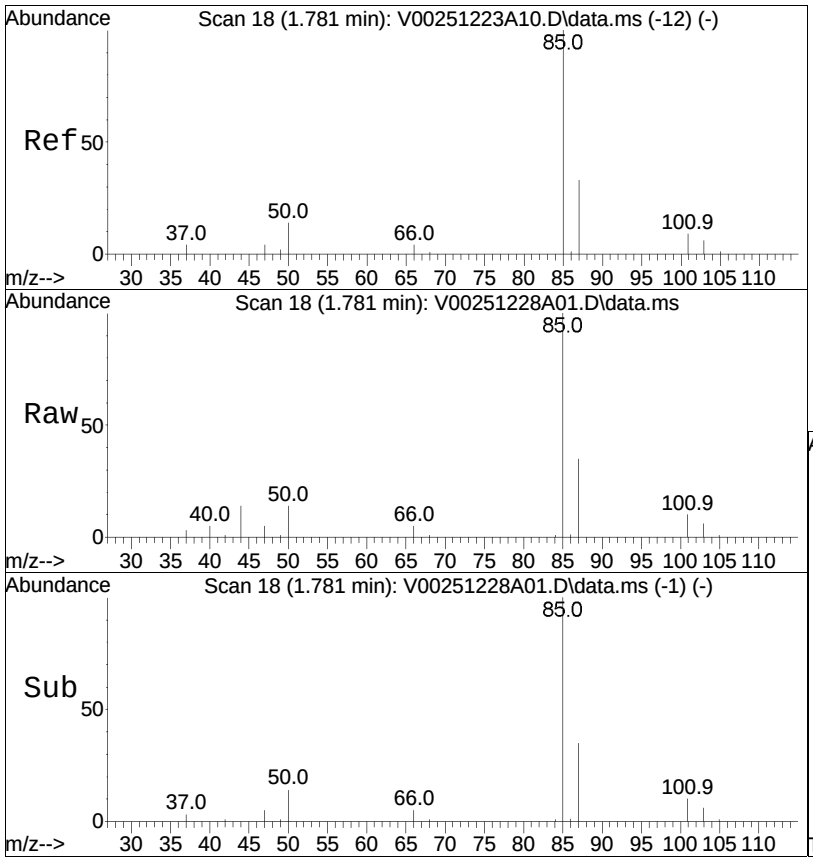
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A01.D
Acq On : 28 Dec 2025 03:43 pm
Operator : VOA100:RAW
Sample : WG2159676-3,31,5,5
Misc : WG2159676,ICAL22914
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 16:21:23 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox28A01.D•

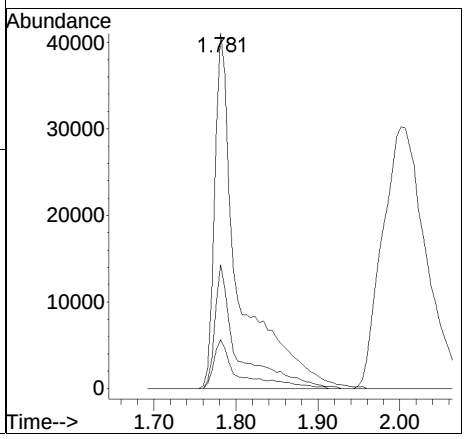


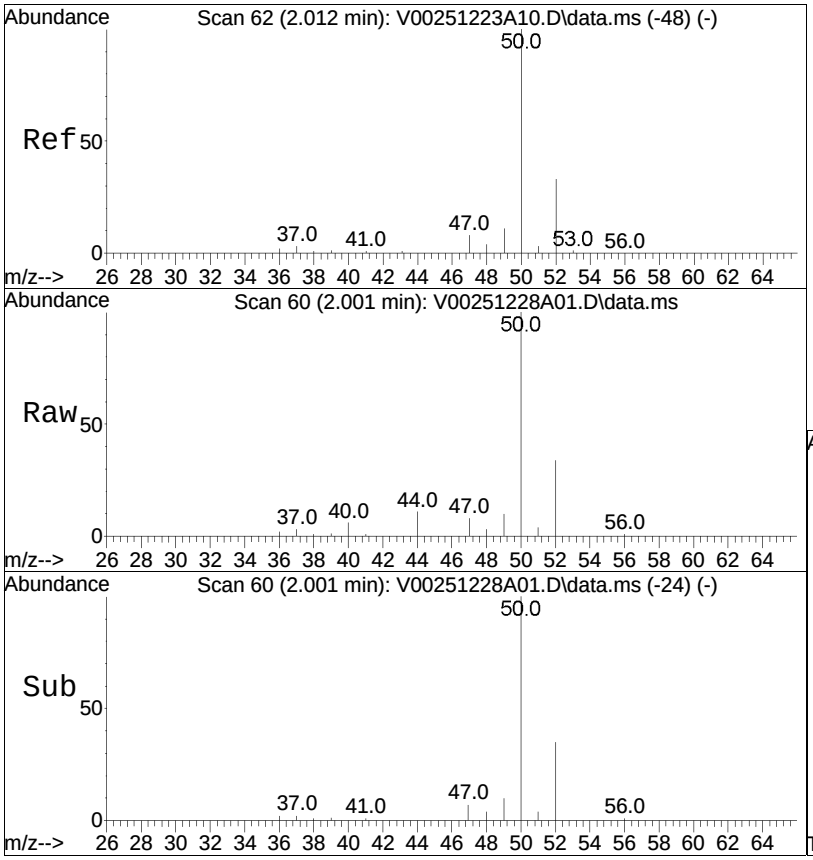


#2
Dichlorodifluoromethane
Concen: 35.72 ug/L
RT: 1.781 min Scan# 18
Delta R.T. -0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 85 Resp: 85277

Ion	Ratio	Lower	Upper
85	100		
87	33.0	14.6	30.2#
50	13.8	6.1	12.7#

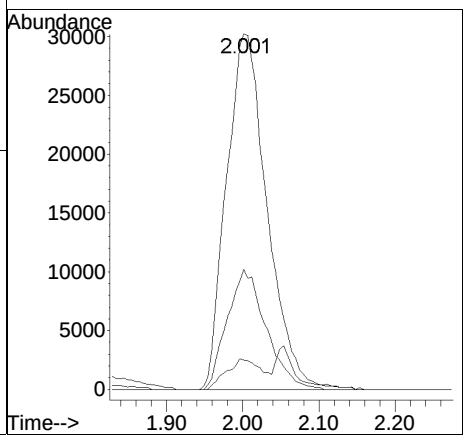


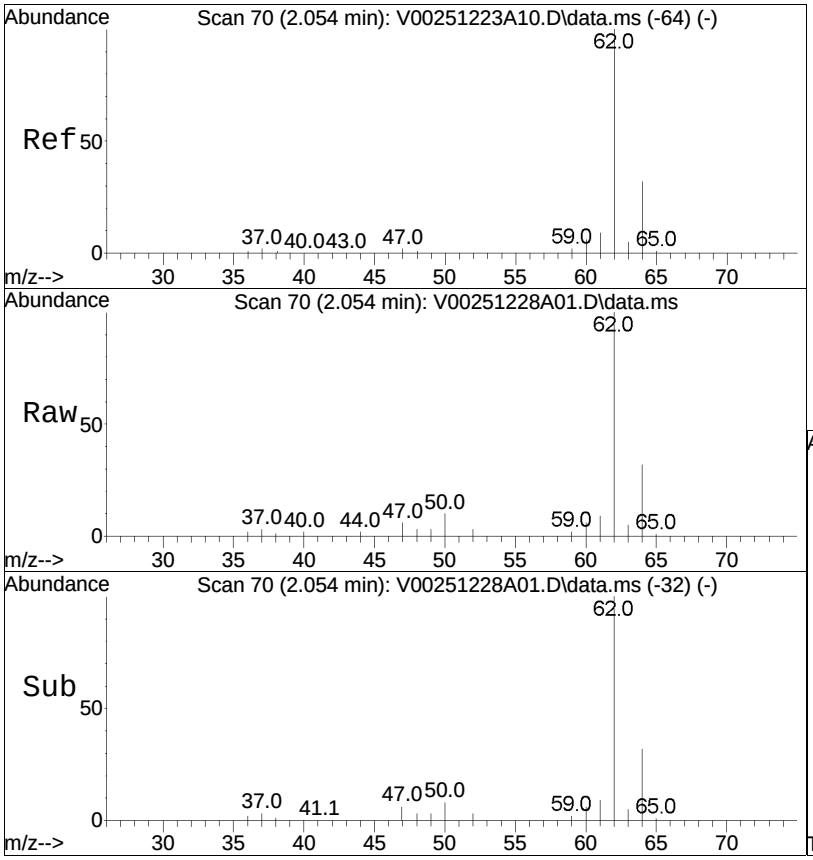


#3
Chloromethane
Concen: 45.15 ug/L
RT: 2.001 min Scan# 60
Delta R.T. -0.010 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 50 Resp: 112092

Ion	Ratio	Lower	Upper
50	100		
52	32.2	14.2	54.2
47	6.7	0.0	28.0

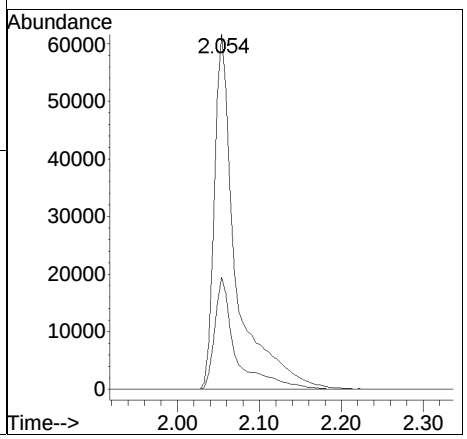


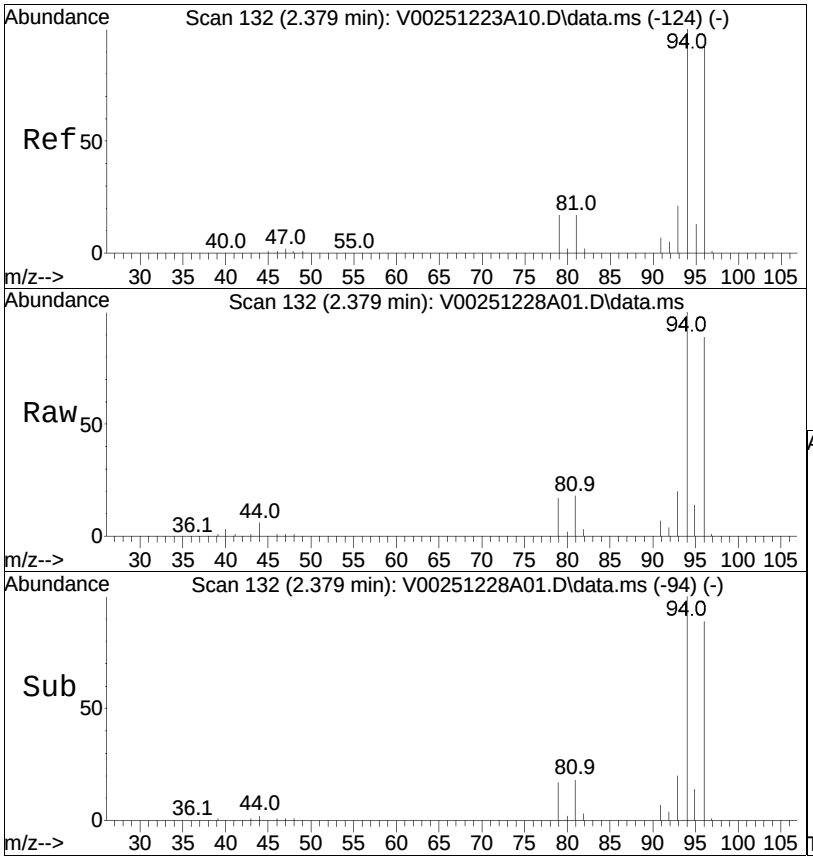


#4
Vinyl chloride
Concen: 46.27 ug/L
RT: 2.054 min Scan# 70
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 62 Resp: 113922

Ion	Ratio	Lower	Upper
62	100		
64	31.1	4.4	44.4

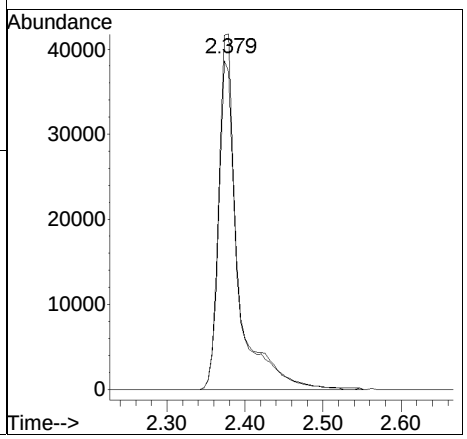


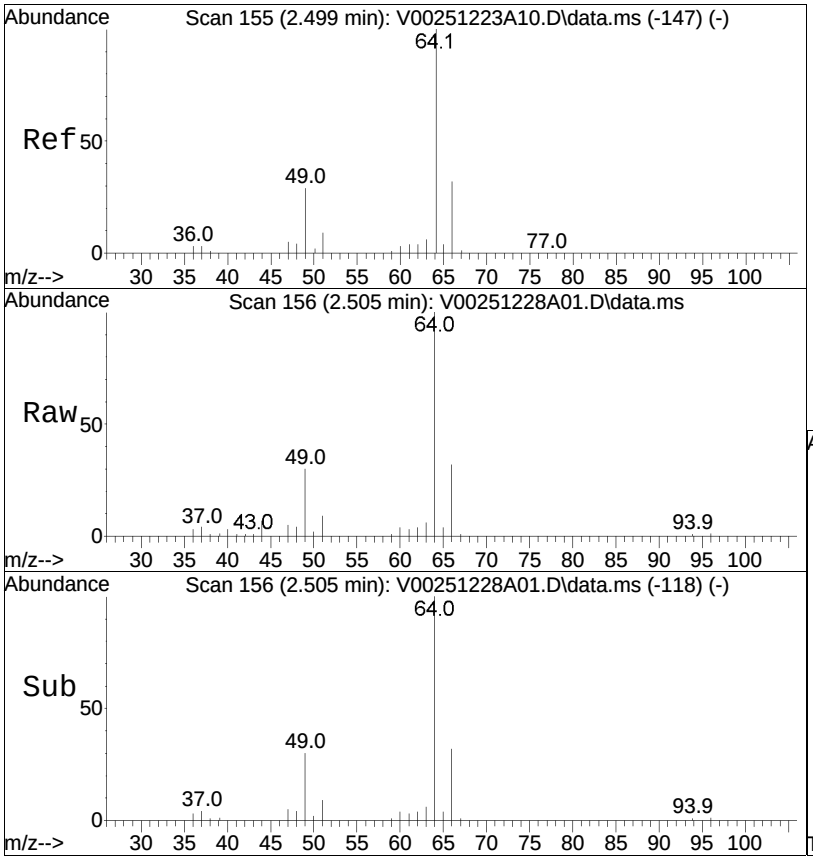


#5
Bromomethane
Concen: 56.34 ug/L
RT: 2.379 min Scan# 132
Delta R.T. 0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 94 Resp: 72406

Ion	Ratio	Lower	Upper
94	100		
96	91.9	72.4	112.4

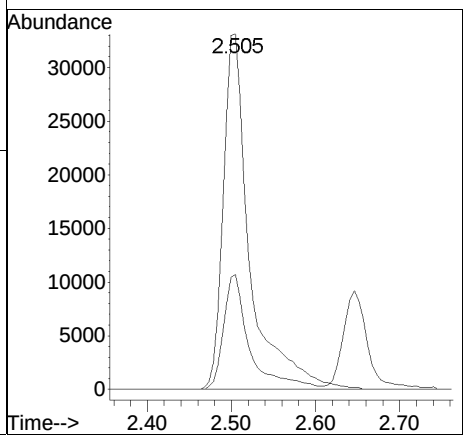


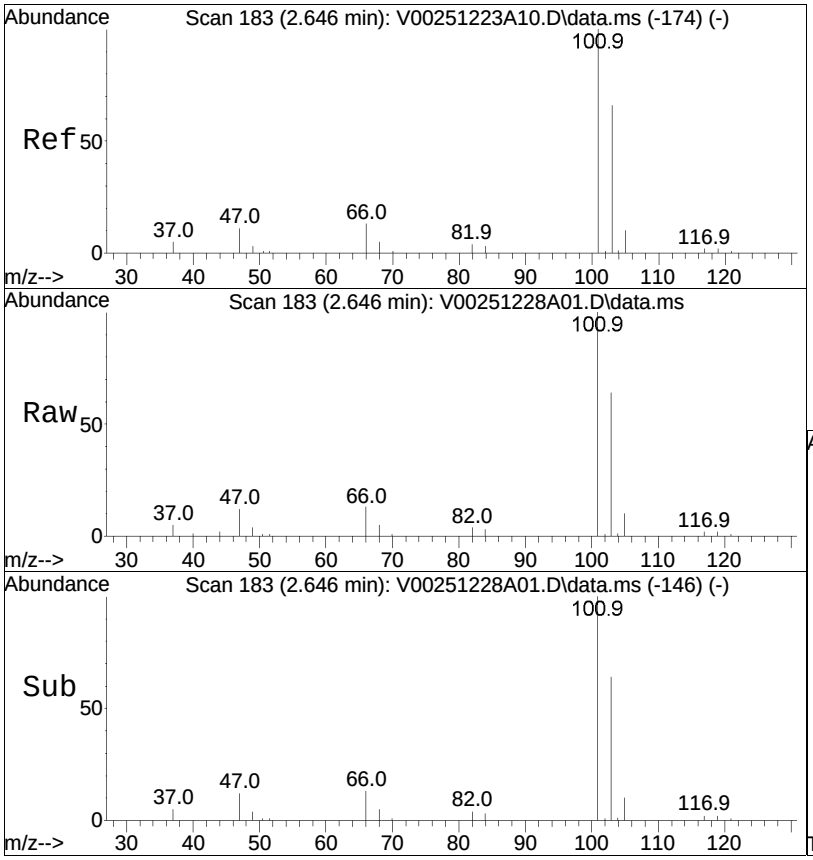


#6
Chloroethane
Concen: 47.48 ug/L
RT: 2.505 min Scan# 156
Delta R.T. 0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 64 Resp: 73158

Ion	Ratio	Lower	Upper
64	100		
66	31.7	4.8	44.8

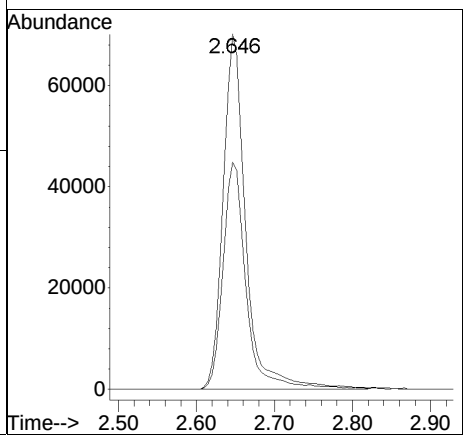


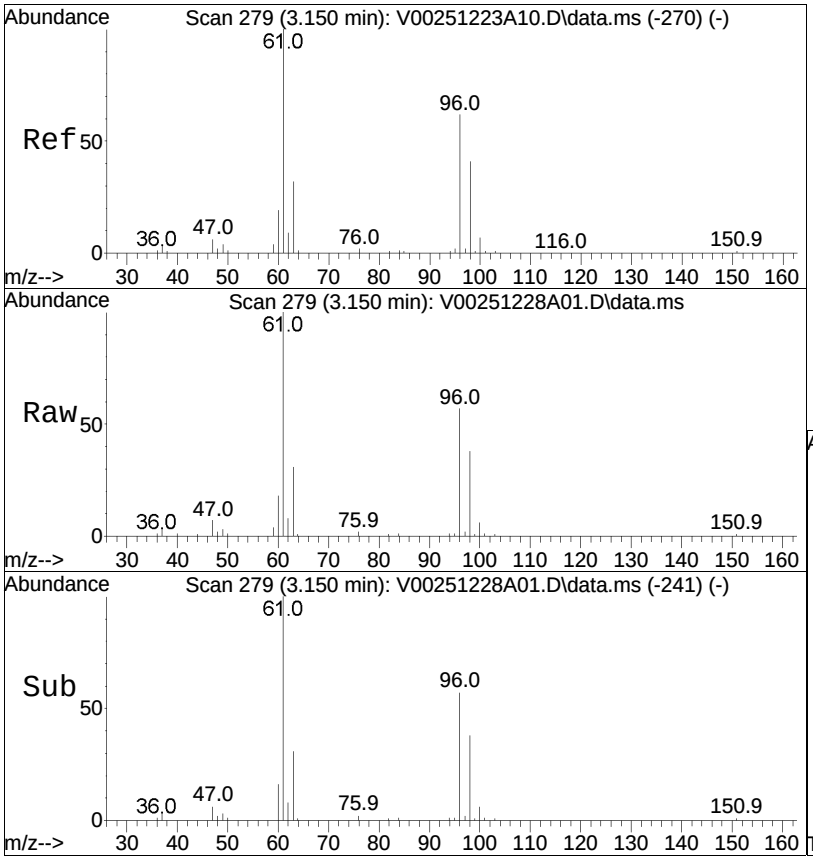


#7
Trichlorofluoromethane
Concen: 41.92 ug/L
RT: 2.646 min Scan# 183
Delta R.T. -0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:101 Resp: 142099

Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.5	77.3

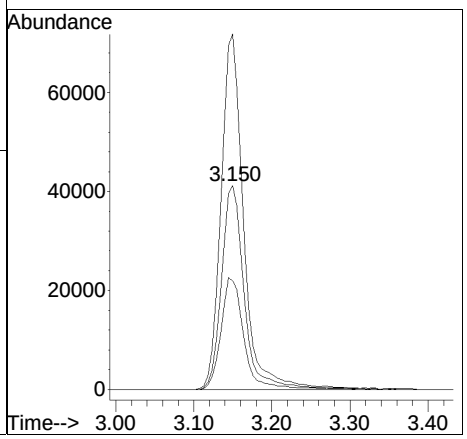


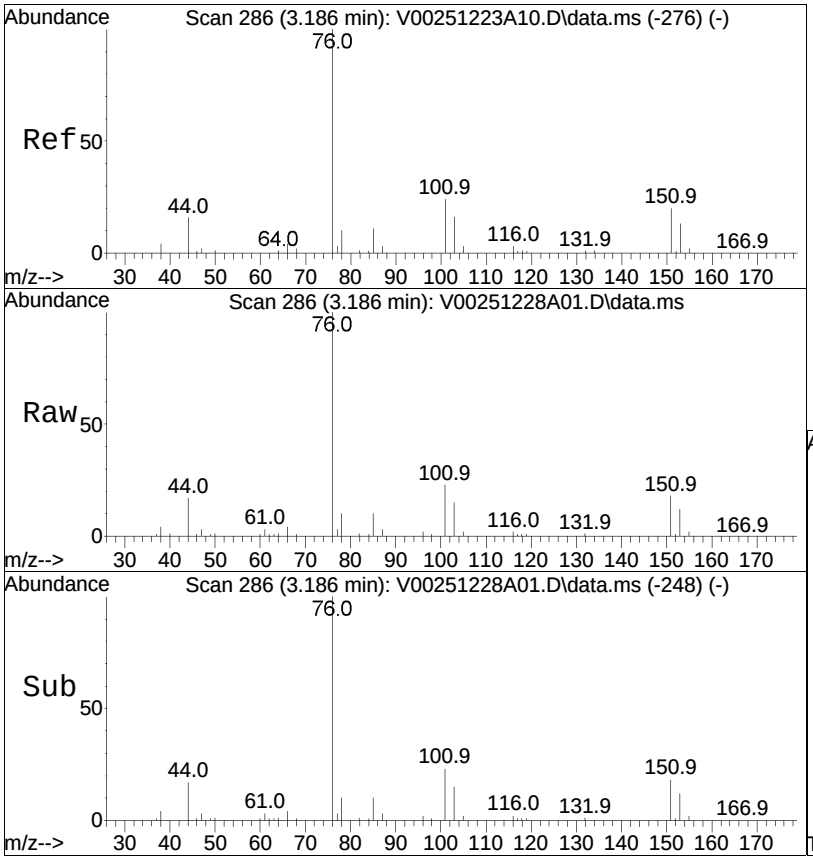


#10
1,1-Dichloroethene
Concen: 42.00 ug/L
RT: 3.150 min Scan# 279
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 96 Resp: 83820

Ion	Ratio	Lower	Upper
96	100		
61	170.6	149.4	224.2
63	54.6	47.0	70.6

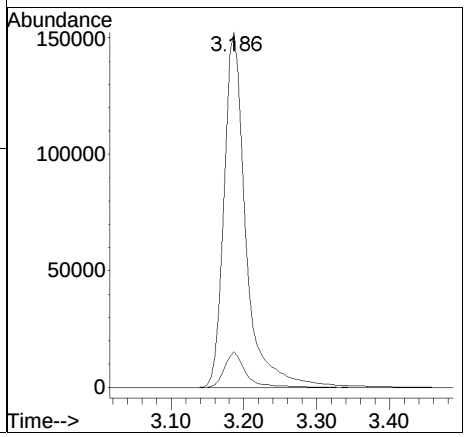


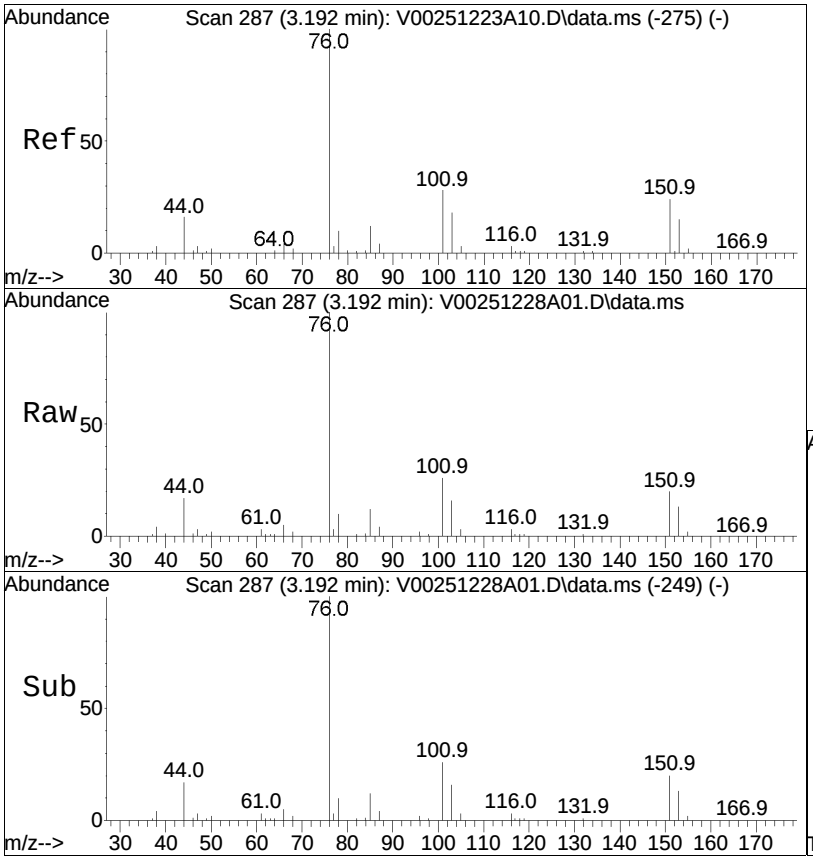


#11
Carbon disulfide
Concen: 39.48 ug/L
RT: 3.186 min Scan# 286
Delta R.T. 0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 76 Resp: 319616

Ion	Ratio	Lower	Upper
76	100		
78	9.7	6.4	13.4

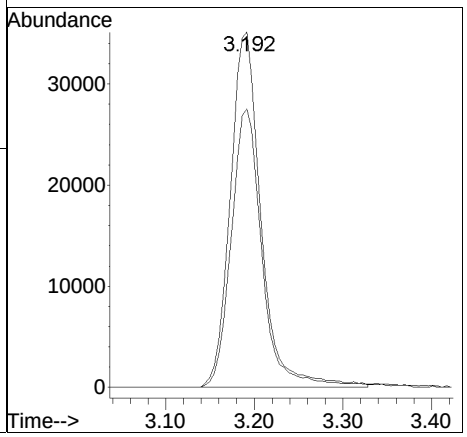


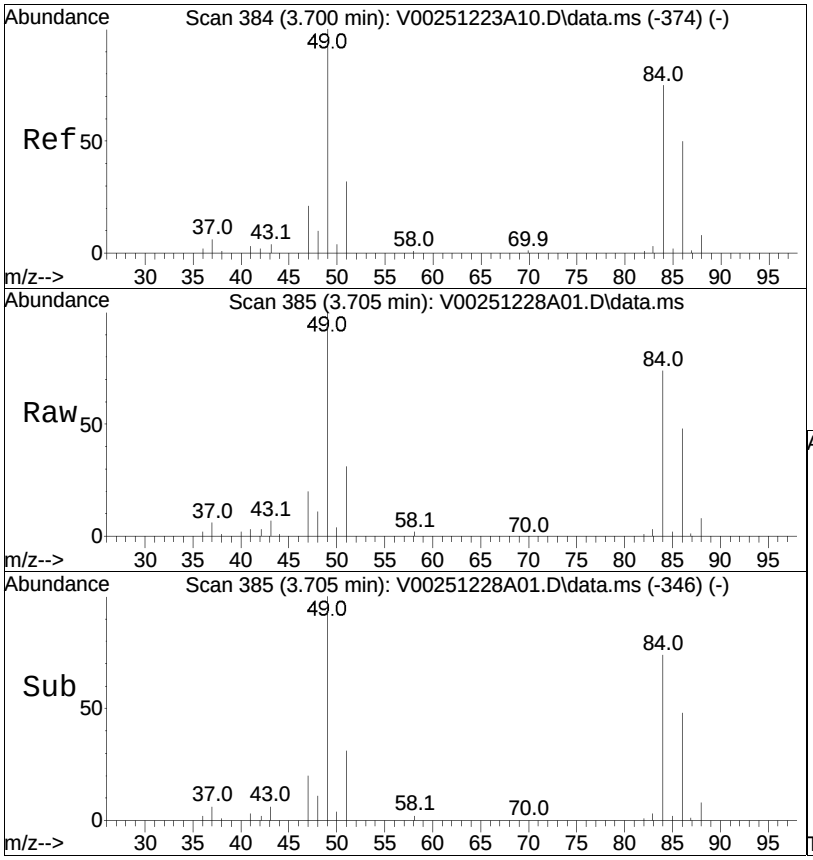


#12
Freon-113
Concen: 42.77 ug/L
RT: 3.192 min Scan# 287
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:101 Resp: 85038

Ion	Ratio	Lower	Upper
101	100		
151	77.9	58.9	88.3

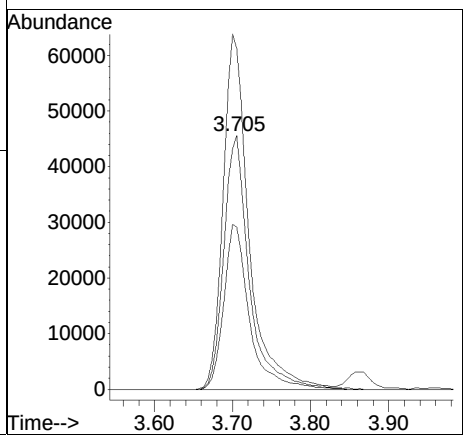


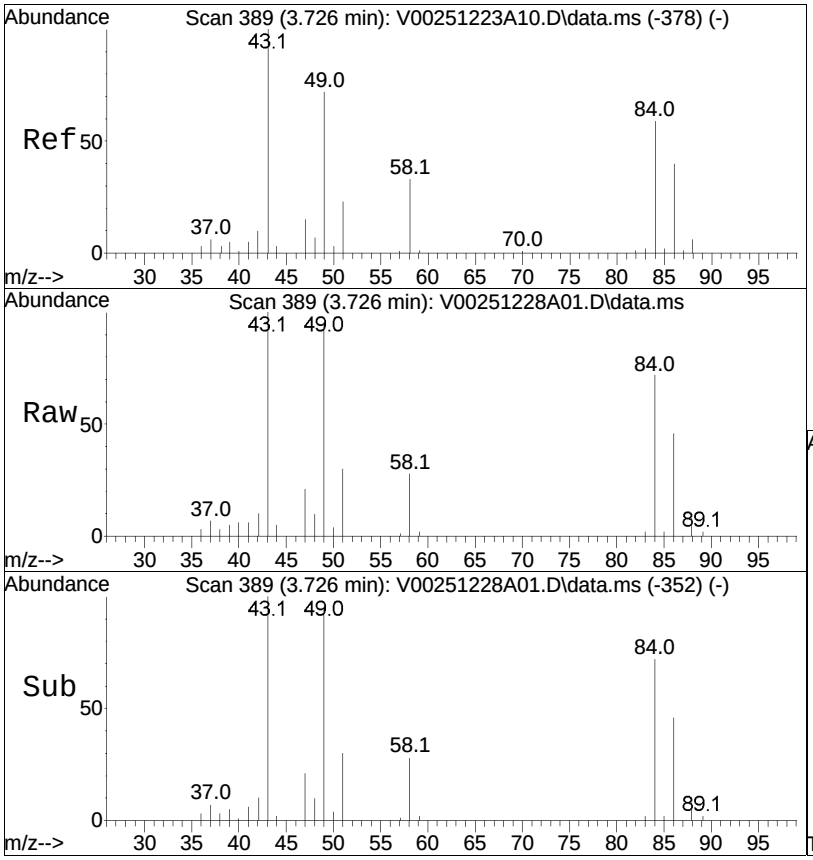


#15
Methylene chloride
Concen: 42.13 ug/L
RT: 3.705 min Scan# 385
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 84 Resp: 104114

Ion	Ratio	Lower	Upper
84	100		
86	65.3	39.6	82.2
49	141.3	72.7	150.9

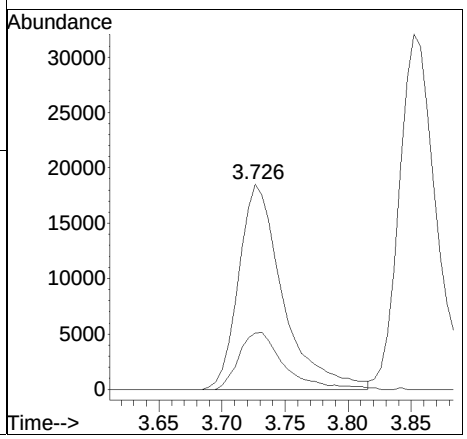


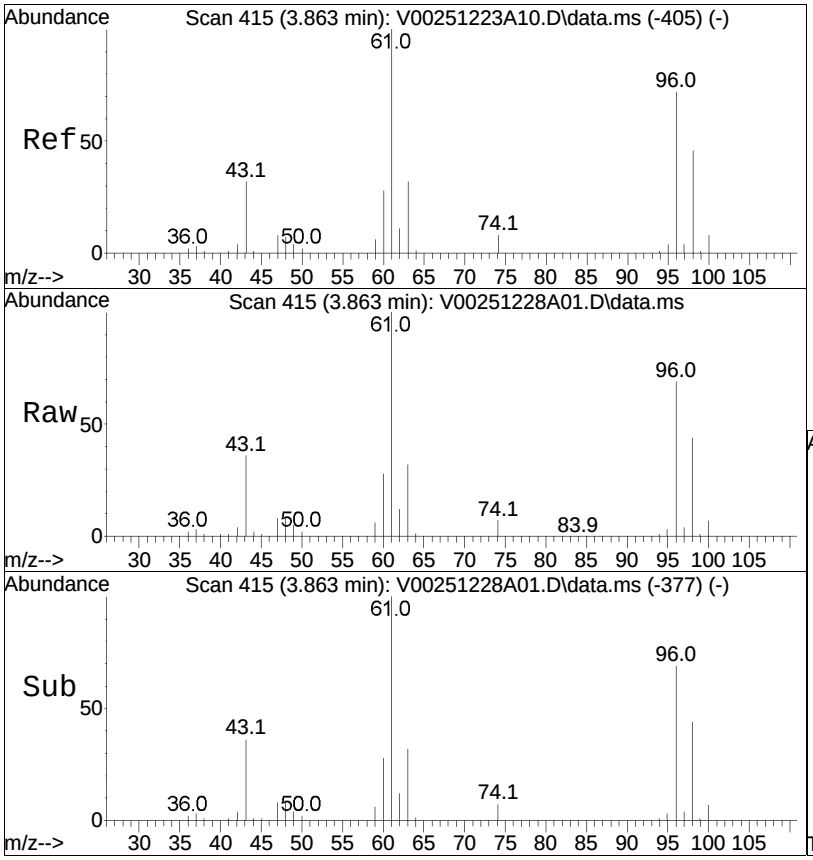


#17
Acetone
Concen: 40.67 ug/L
RT: 3.726 min Scan# 389
Delta R.T. -0.006 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 43 Resp: 45221

Ion	Ratio	Lower	Upper
43	100		
58	28.5	27.2	40.8

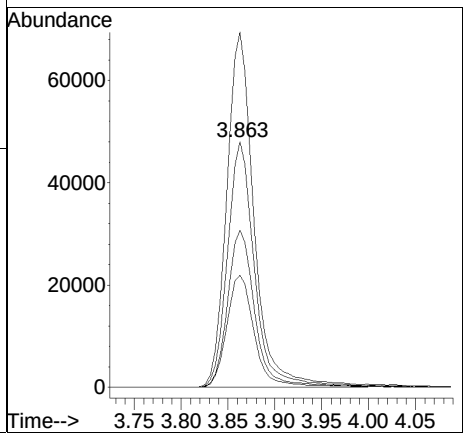


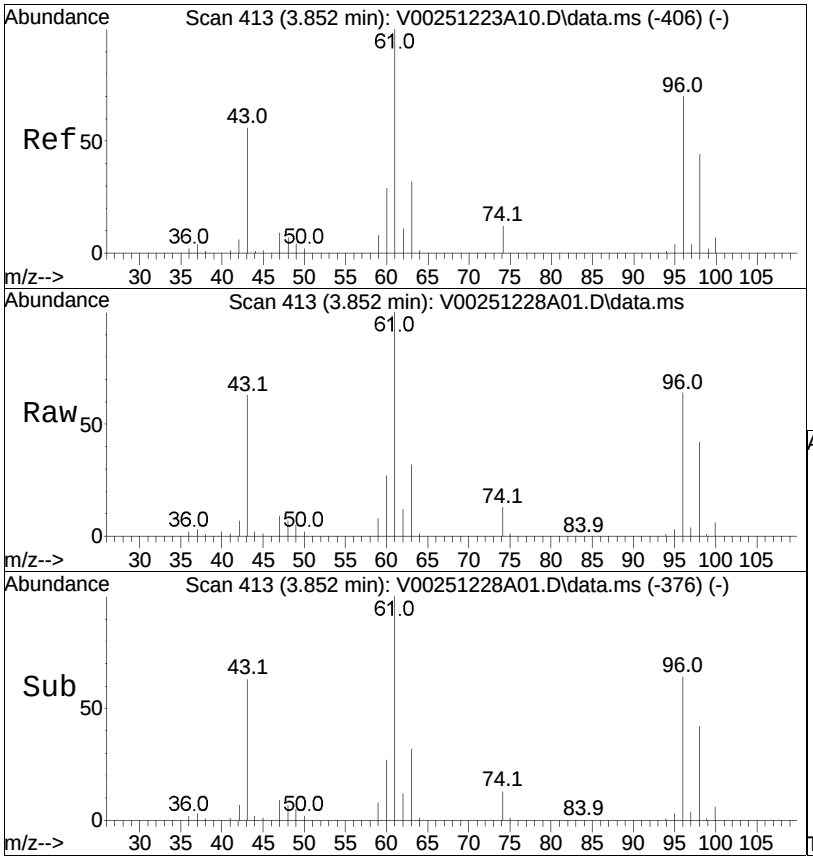


#18
trans-1,2-Dichloroethene
Concen: 42.56 ug/L
RT: 3.863 min Scan# 415
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 96 Resp: 97475

Ion	Ratio	Lower	Upper
96	100		
61	146.1	96.5	200.5
98	64.5	40.6	84.2
63	45.8	30.2	62.8

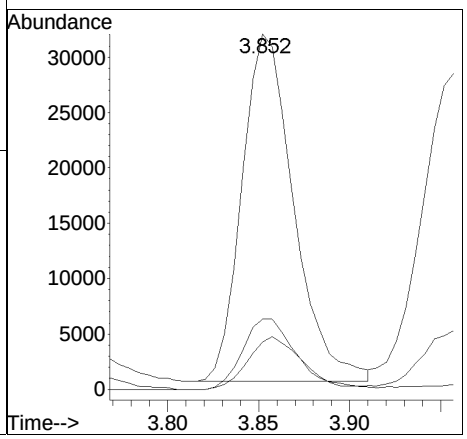


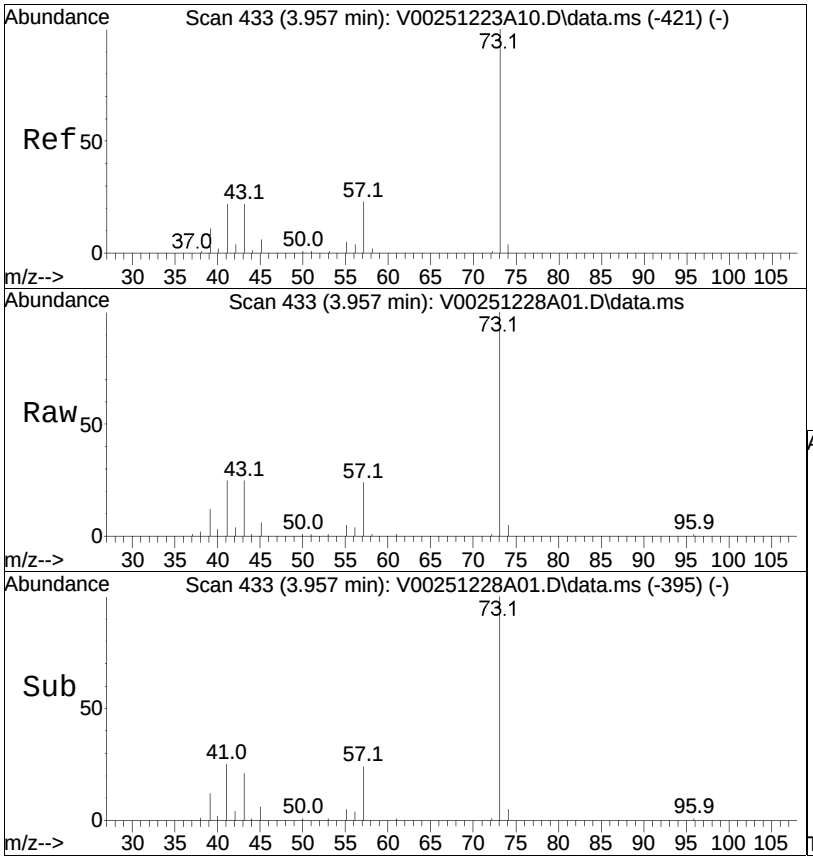


#19
Methyl acetate
Concen: 41.80 ug/L
RT: 3.852 min Scan# 413
Delta R.T. -0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 43 Resp: 62082

Ion	Ratio	Lower	Upper
43	100		
74	20.9	22.7	34.1#
59	16.0	22.9	34.3#

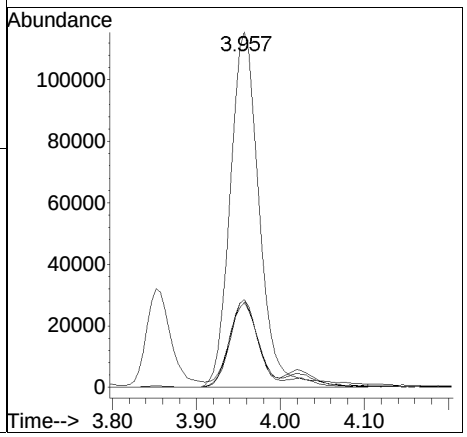


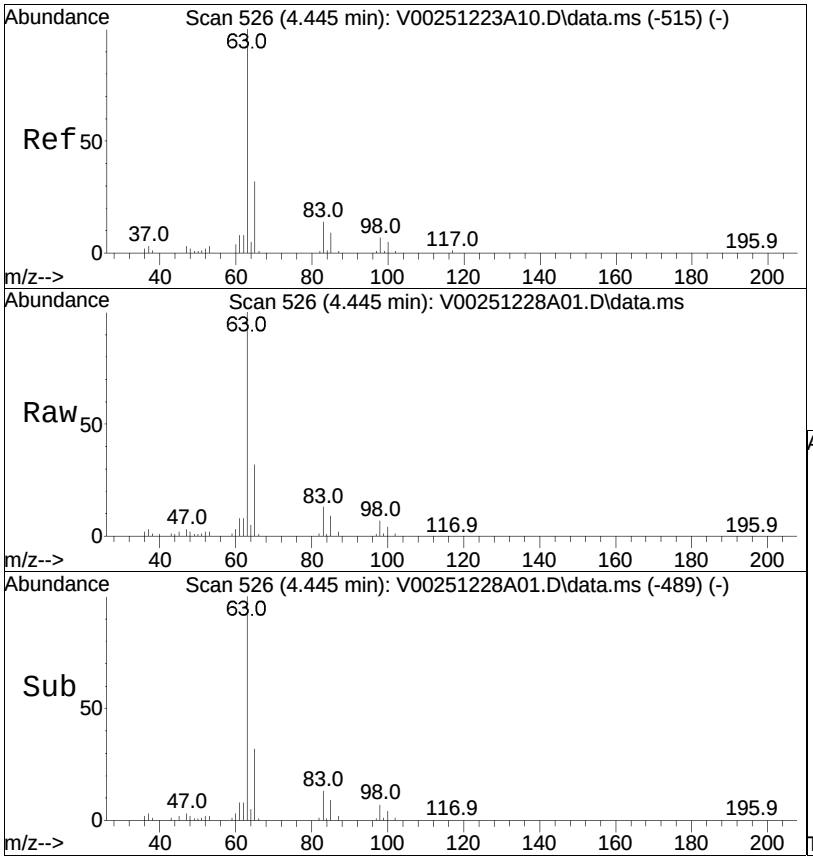


#20
Methyl tert-butyl ether
Concen: 44.11 ug/L
RT: 3.957 min Scan# 433
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 73 Resp: 282158

Ion	Ratio	Lower	Upper
73	100		
57	23.0	14.7	30.5
43	23.3	12.5	26.1
41	23.8	11.6	24.0

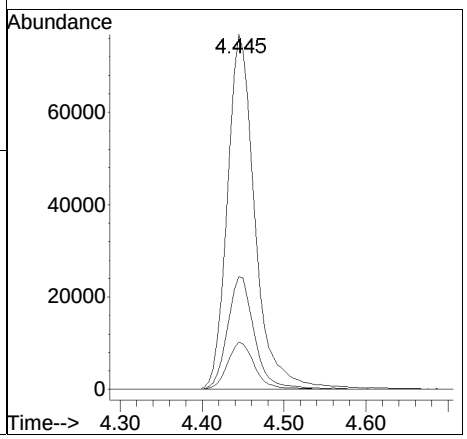


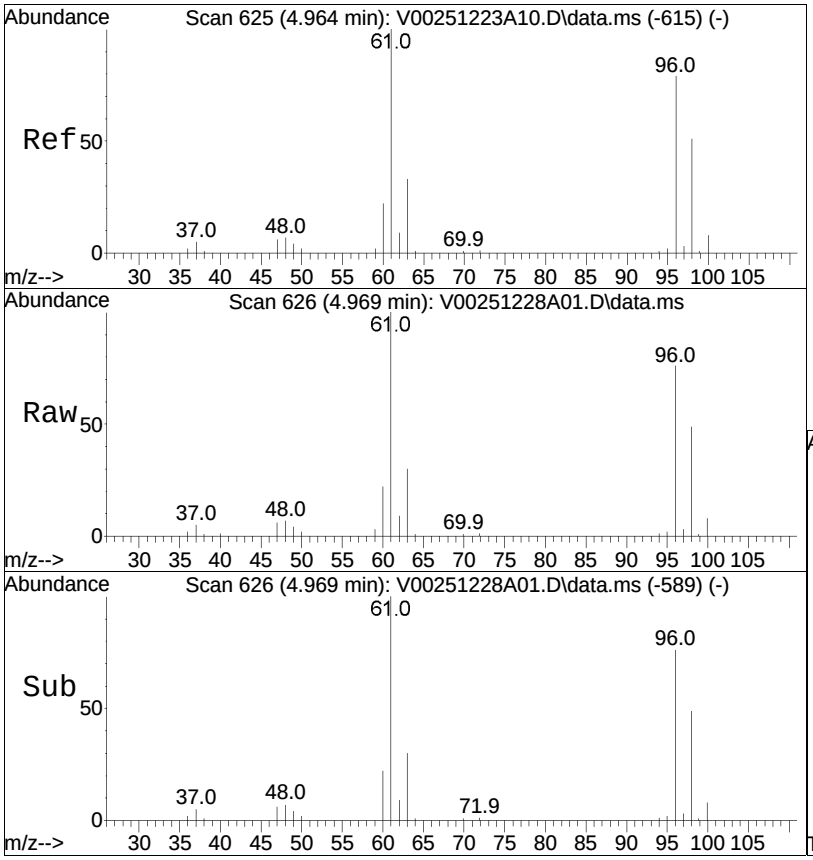


#23
1,1-Dichloroethane
Concen: 44.10 ug/L
RT: 4.445 min Scan# 526
Delta R.T. -0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 63 Resp: 180958

Ion	Ratio	Lower	Upper
63	100		
65	30.9	10.4	50.4
83	13.0	0.0	32.6

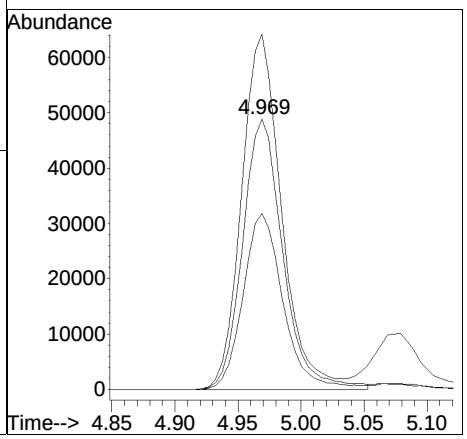


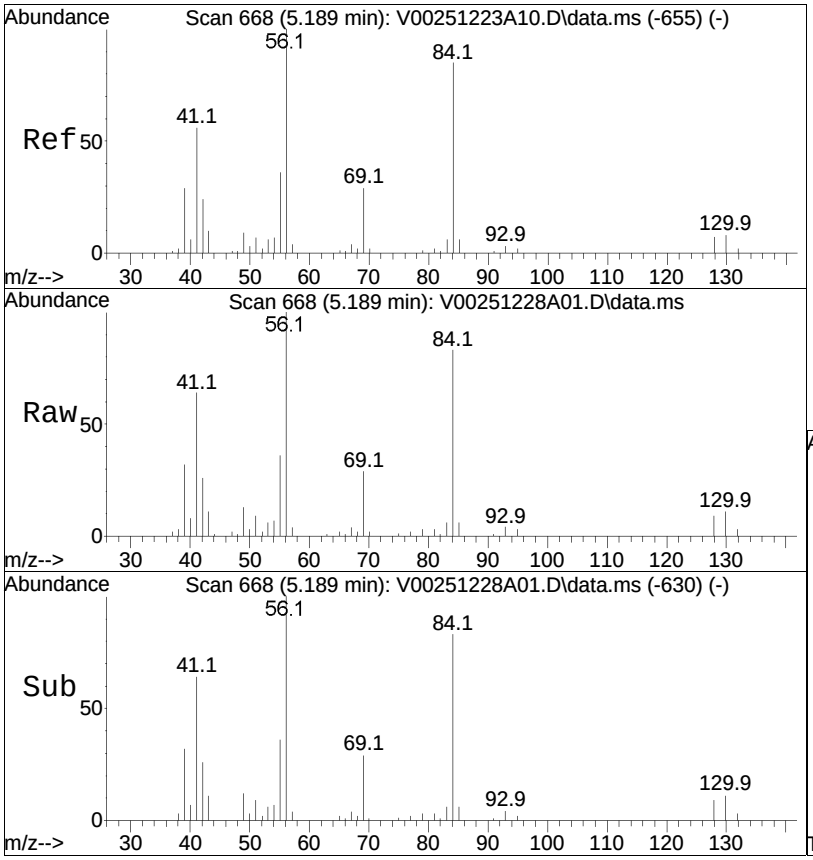


#28
cis-1,2-Dichloroethene
Concen: 42.76 ug/L
RT: 4.969 min Scan# 626
Delta R.T. -0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 96 Resp: 108522

Ion	Ratio	Lower	Upper
96	100		
61	130.2	107.8	161.8
98	64.6	51.4	77.0

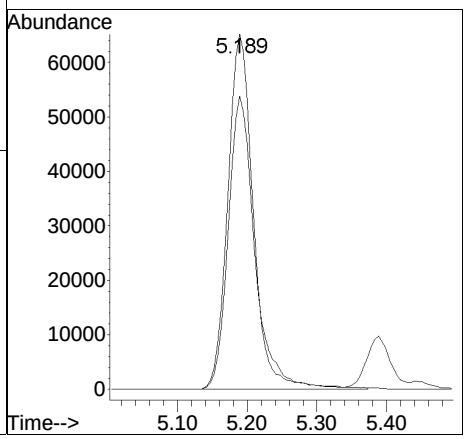


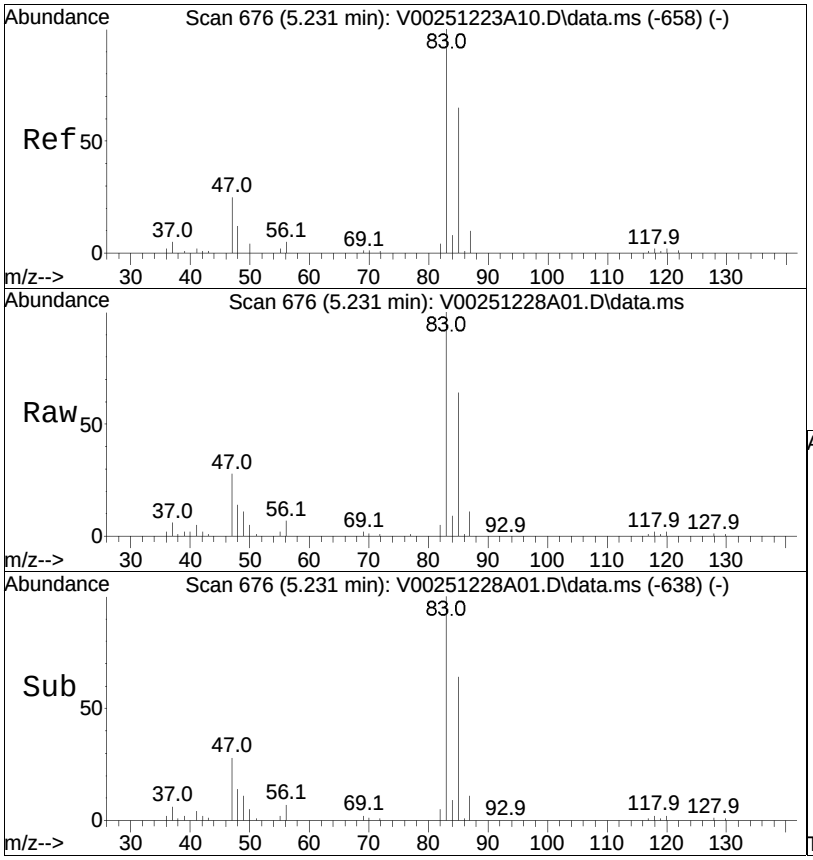


#32
Cyclohexane
Concen: 45.58 ug/L
RT: 5.189 min Scan# 668
Delta R.T. 0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 56 Resp: 166937

Ion	Ratio	Lower	Upper
56	100		
84	85.7	60.3	125.1

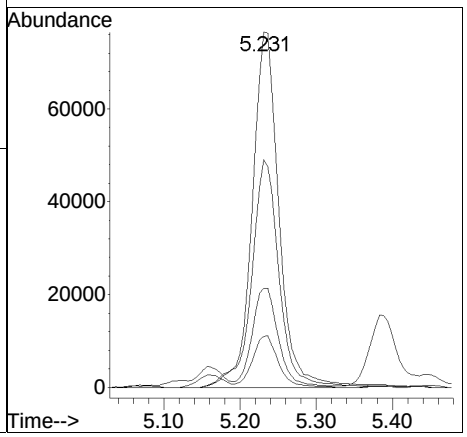


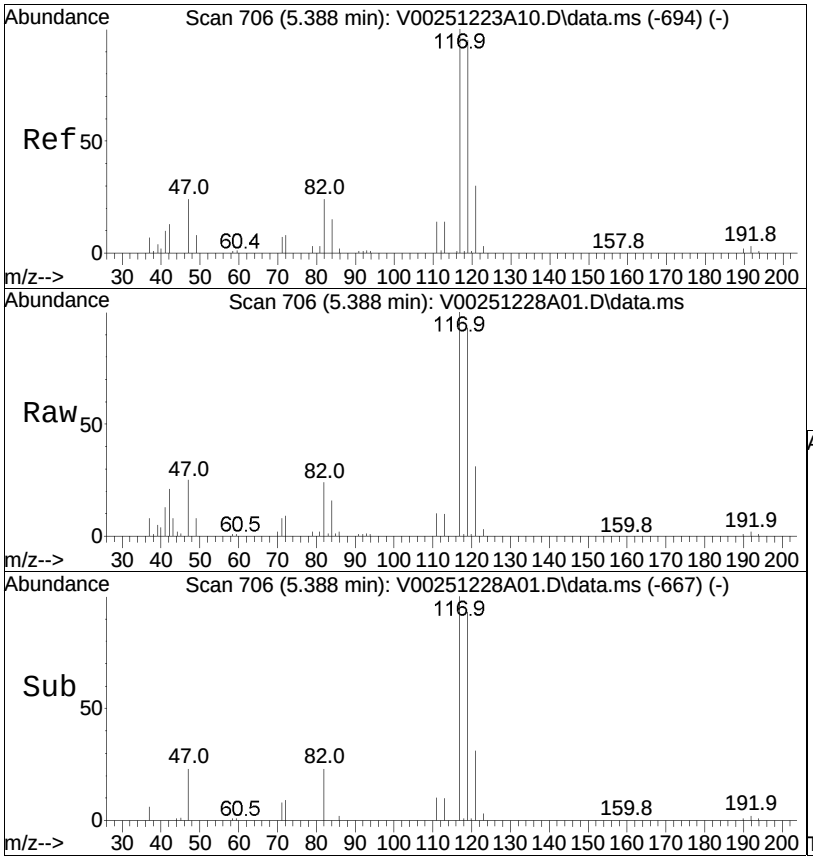


#33
Chloroform
Concen: 42.94 ug/L
RT: 5.231 min Scan# 676
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 83 Resp: 187945

Ion	Ratio	Lower	Upper
83	100		
85	65.8	43.3	89.9
47	26.4	14.4	29.8
48	14.0	7.5	15.7

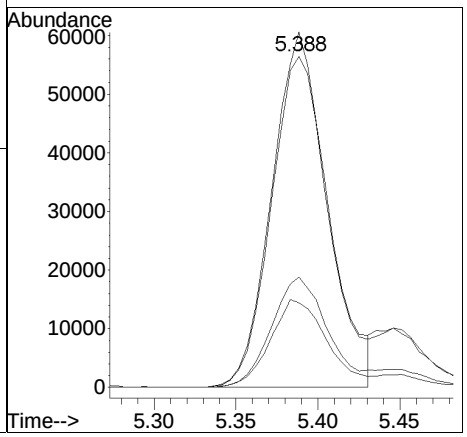


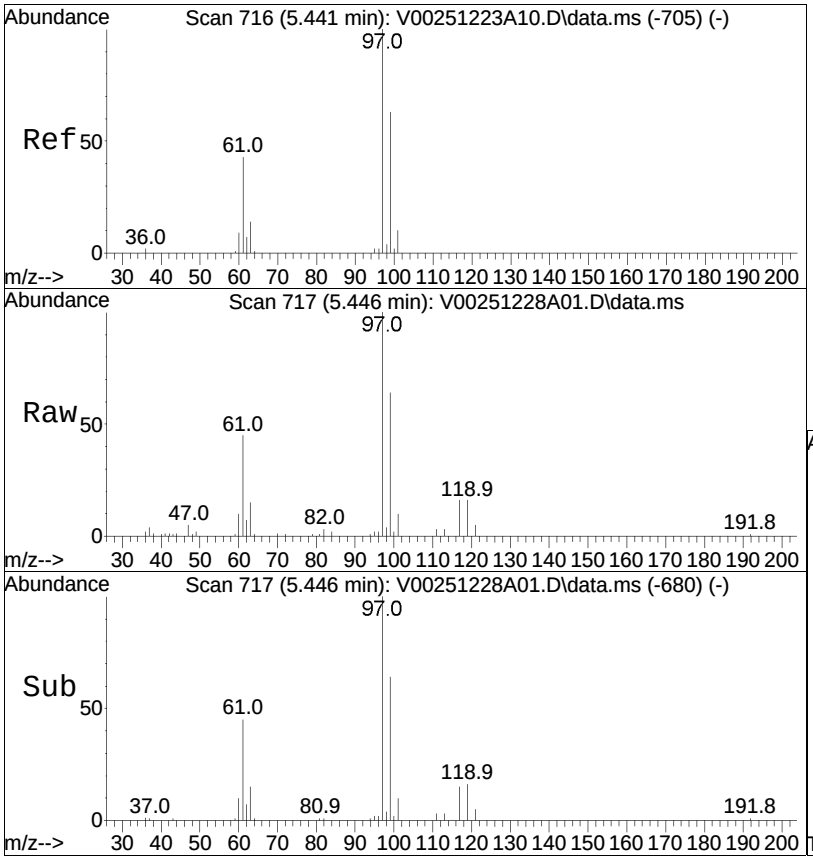


#35
Carbon tetrachloride
Concen: 41.74 ug/L
RT: 5.388 min Scan# 706
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:117 Resp: 143343

Ion	Ratio	Lower	Upper
117	100		
119	95.7	62.7	130.3
121	32.1	20.5	42.7
82	25.1	17.4	36.2

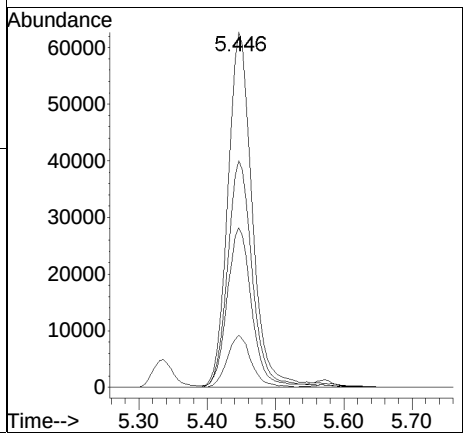


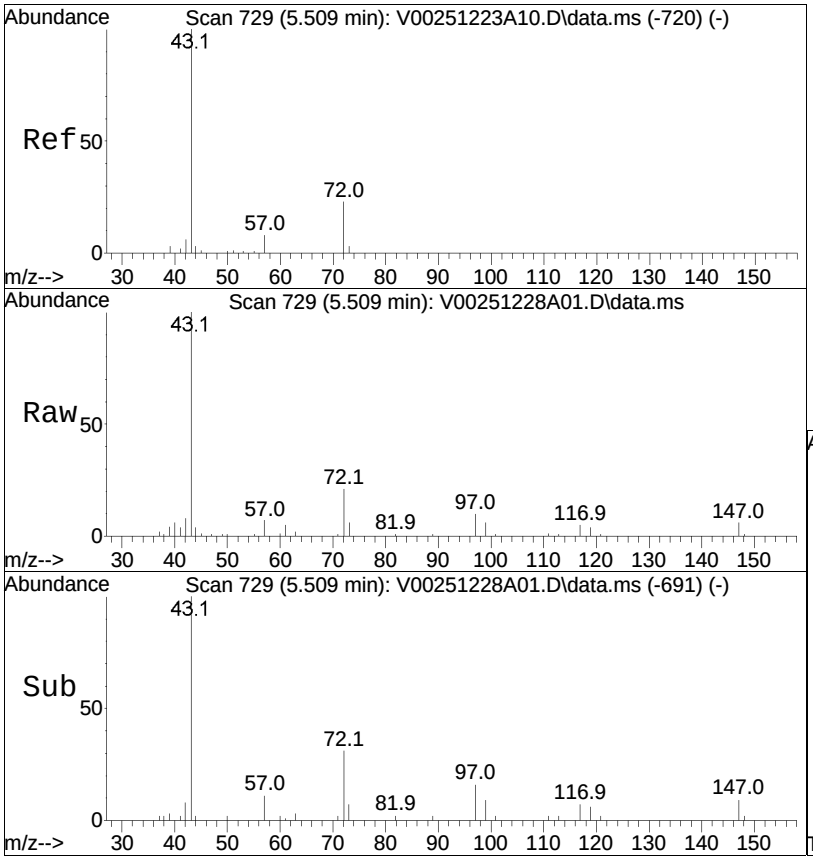


#38
1,1,1-Trichloroethane
Concen: 44.66 ug/L
RT: 5.446 min Scan# 717
Delta R.T. -0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 97 Resp: 157825

Ion	Ratio	Lower	Upper
97	100		
99	63.7	41.5	86.3
61	44.8	30.6	63.6
63	14.4	9.9	20.5

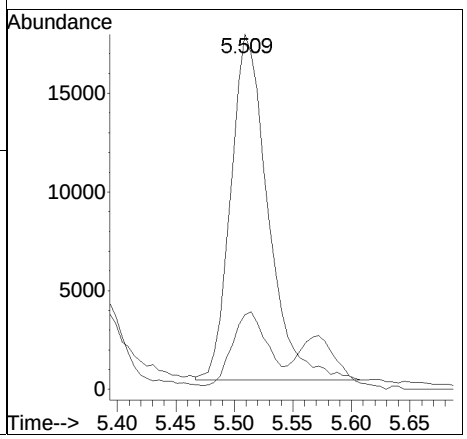


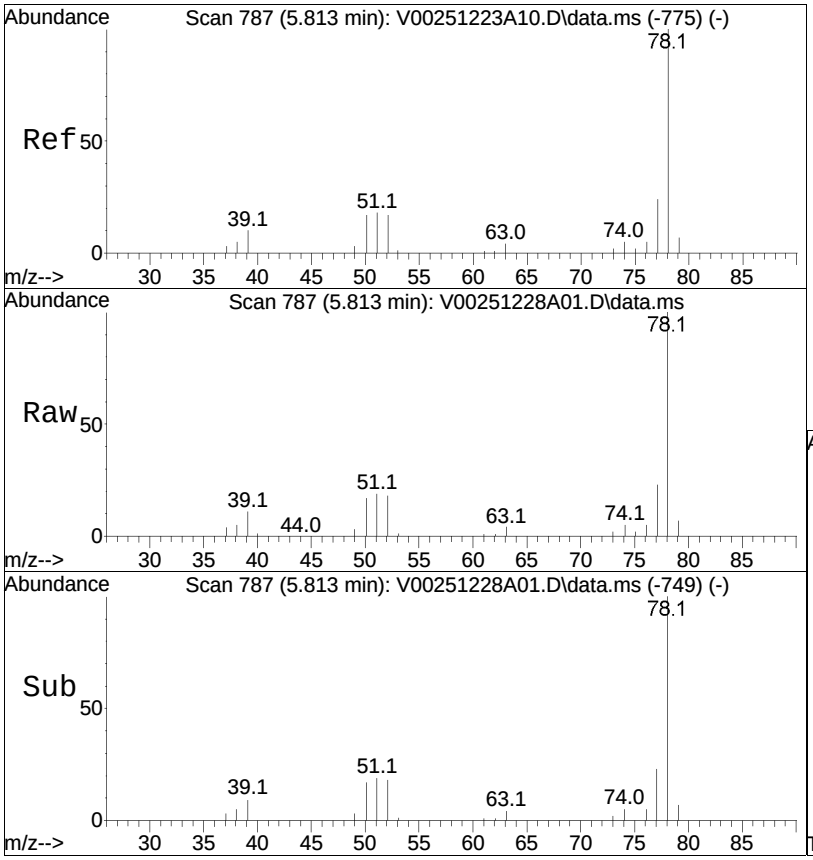


#40
2-Butanone
Concen: 40.48 ug/L
RT: 5.509 min Scan# 729
Delta R.T. 0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 43 Resp: 38722

Ion	Ratio	Lower	Upper
43	100		
72	21.9	19.4	29.0

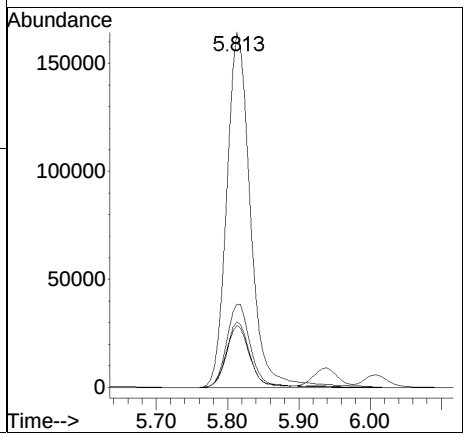


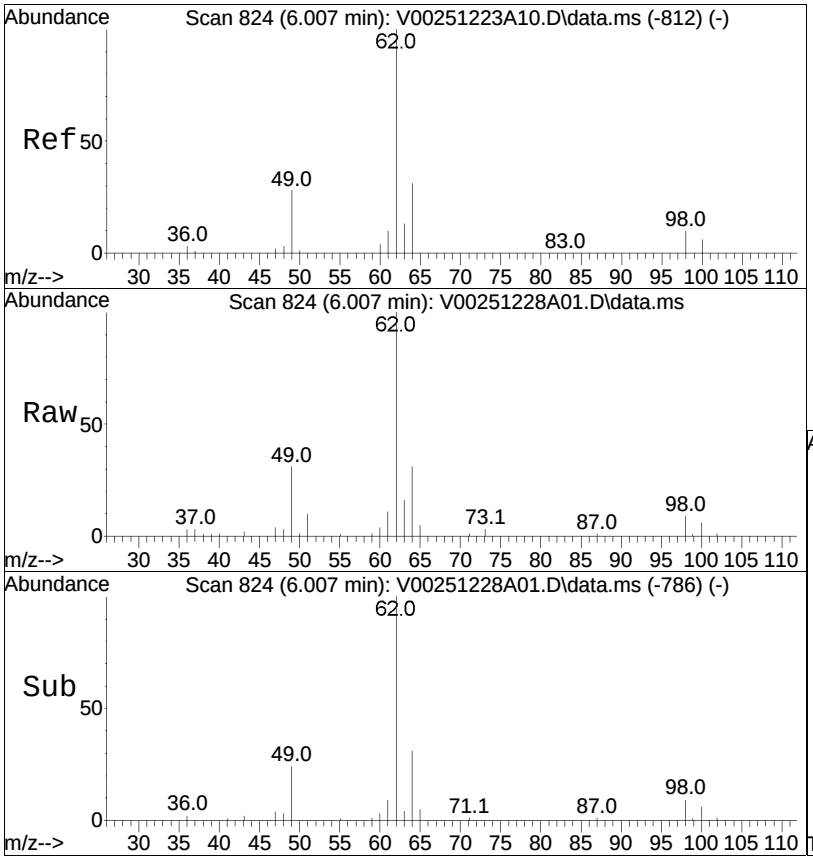


#42
Benzene
Concen: 45.01 ug/L
RT: 5.813 min Scan# 787
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 78 Resp: 380723

Ion	Ratio	Lower	Upper
78	100		
77	23.8	15.6	32.4
51	18.1	10.2	21.2
52	17.2	9.6	19.8

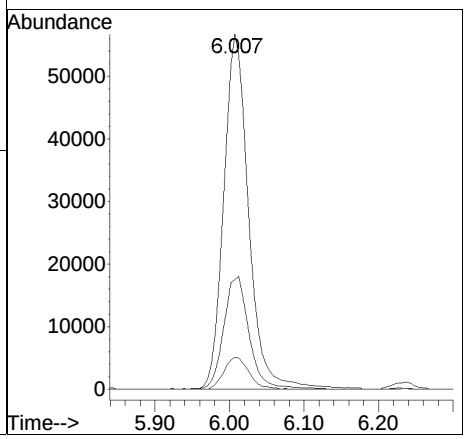


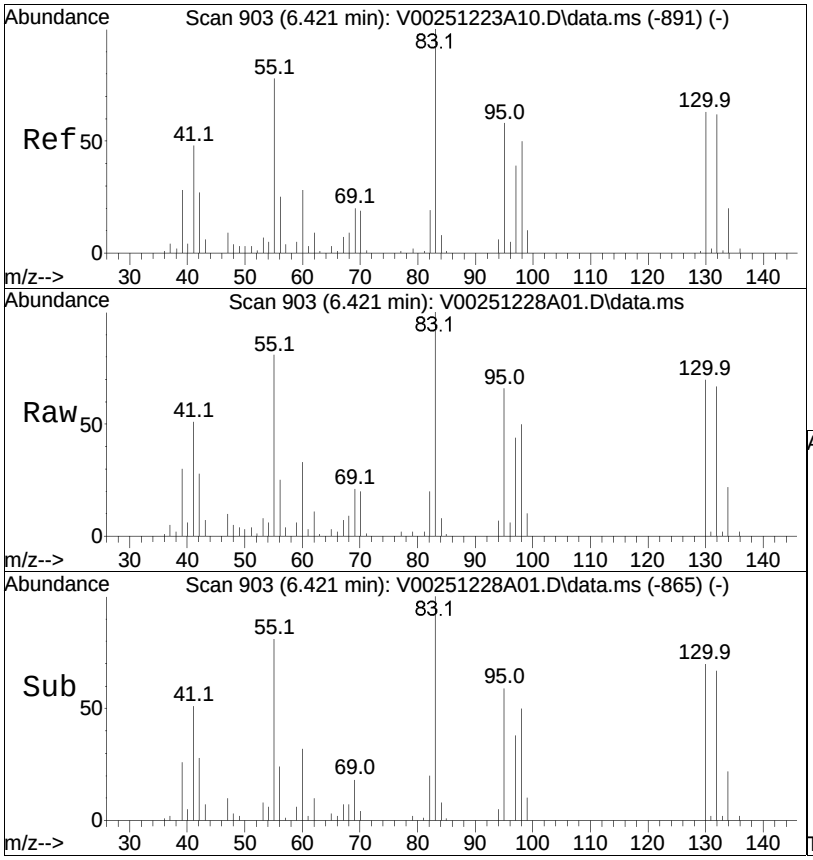


#45
1,2-Dichloroethane
Concen: 43.85 ug/L
RT: 6.007 min Scan# 824
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 62 Resp: 132594

Ion	Ratio	Lower	Upper
62	100		
64	32.5	12.6	52.6
98	9.1	0.0	28.7

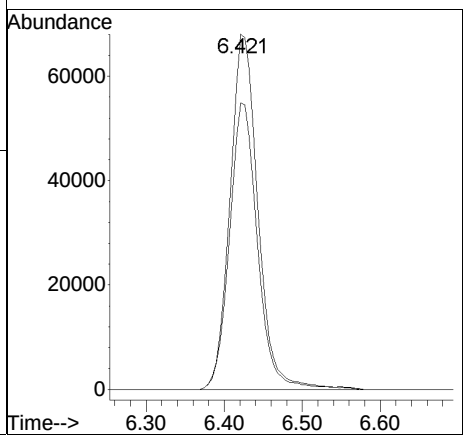


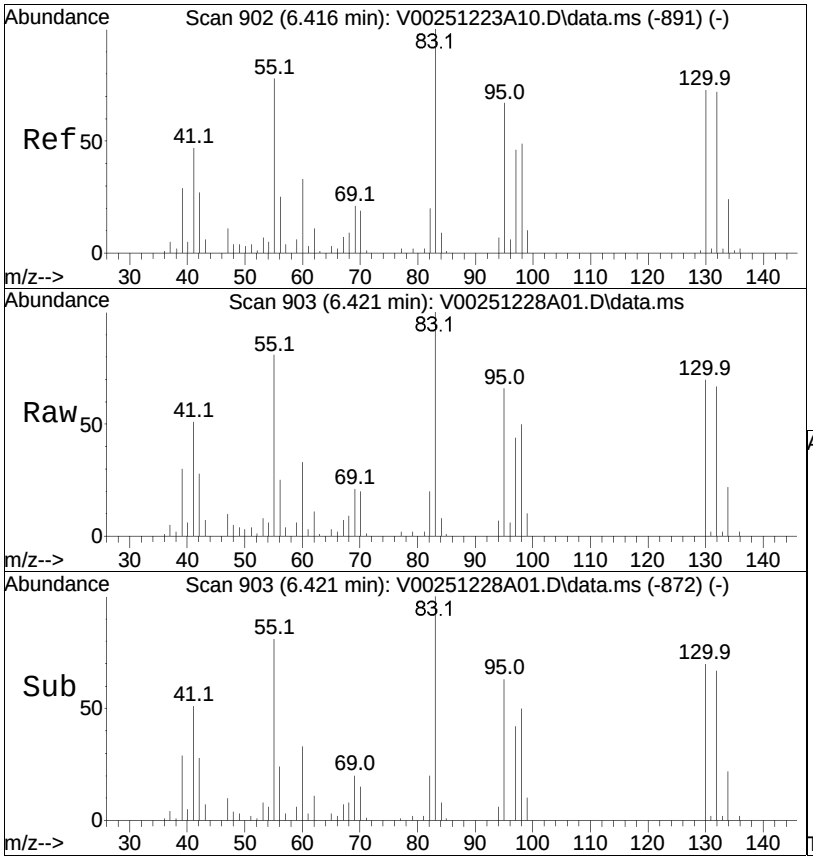


#48
Methyl cyclohexane
Concen: 44.32 ug/L
RT: 6.421 min Scan# 903
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 83 Resp: 169857

Ion	Ratio	Lower	Upper
83	100		
55	80.6	60.0	90.0

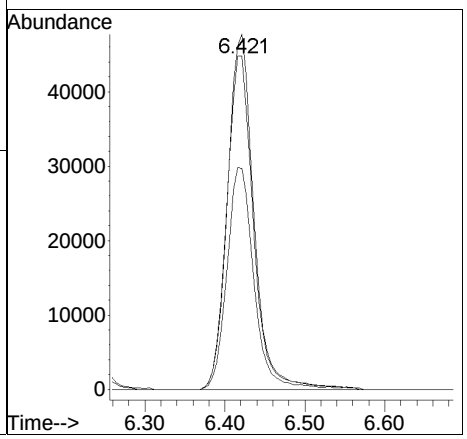


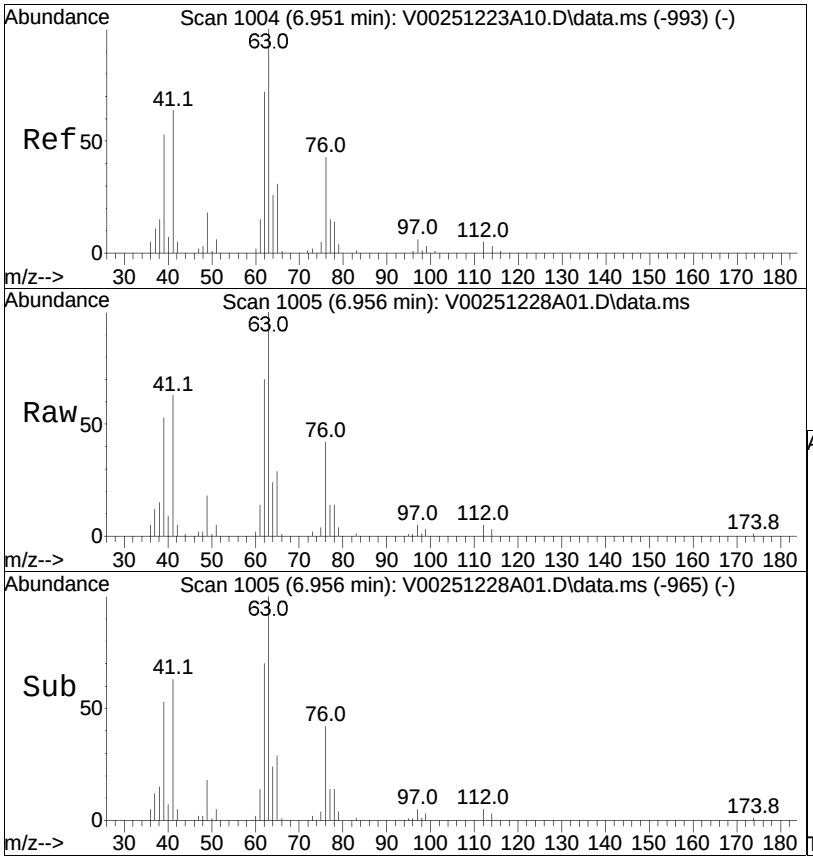


#49
Trichloroethene
Concen: 44.73 ug/L
RT: 6.421 min Scan# 903
Delta R.T. 0.010 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 95 Resp: 104458

Ion	Ratio	Lower	Upper
95	100		
97	66.8	54.2	81.4
130	105.3	77.0	115.6

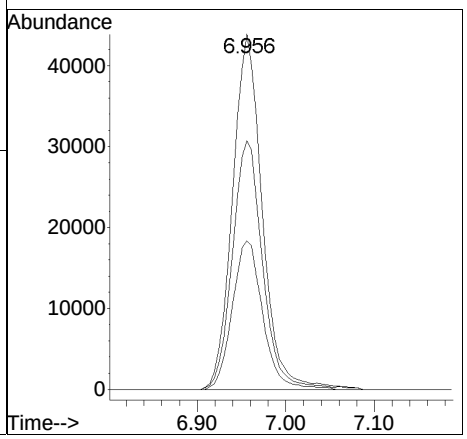


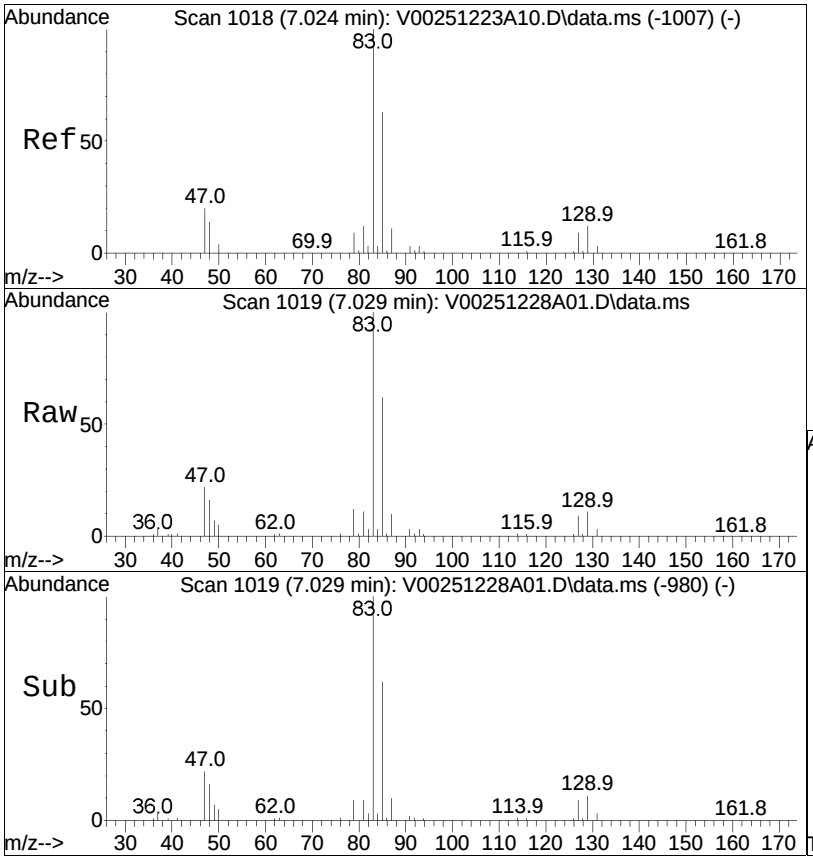


#52
1,2-Dichloropropane
Concen: 45.20 ug/L
RT: 6.956 min Scan# 1005
Delta R.T. 0.010 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 63 Resp: 102491

Ion	Ratio	Lower	Upper
63	100		
62	71.3	57.8	86.8
76	42.7	34.0	51.0

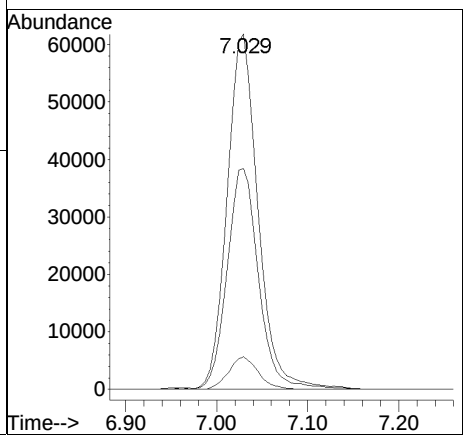


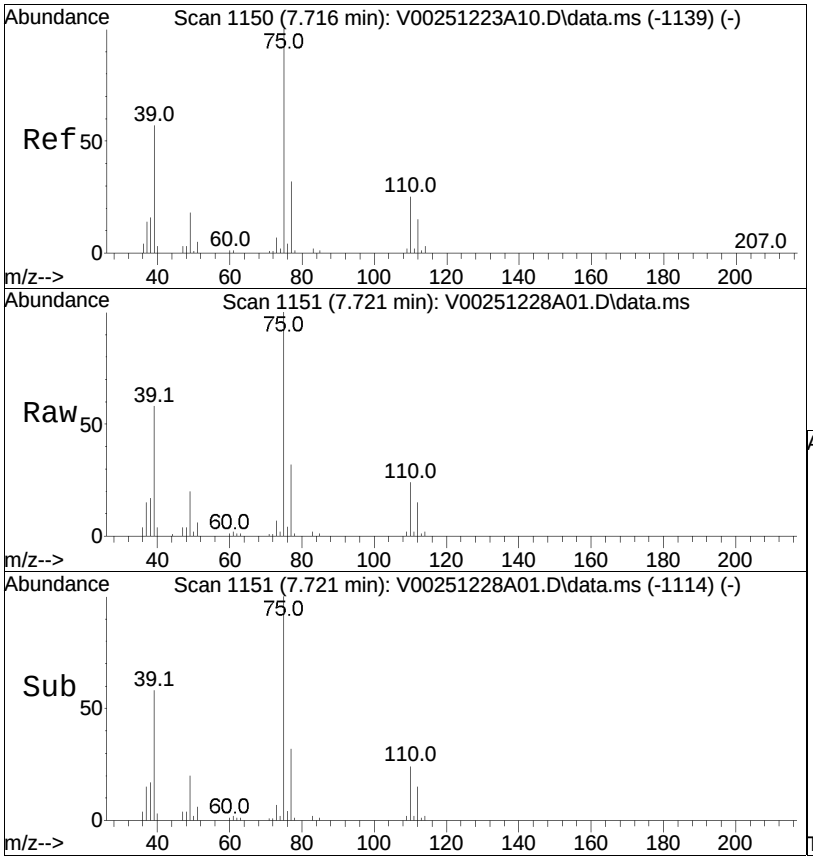


#55
Bromodichloromethane
Concen: 44.23 ug/L
RT: 7.029 min Scan# 1019
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 83 Resp: 146353

Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.9	76.3
127	8.8	6.6	9.8

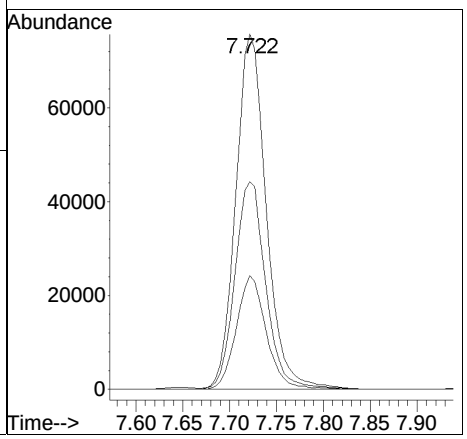


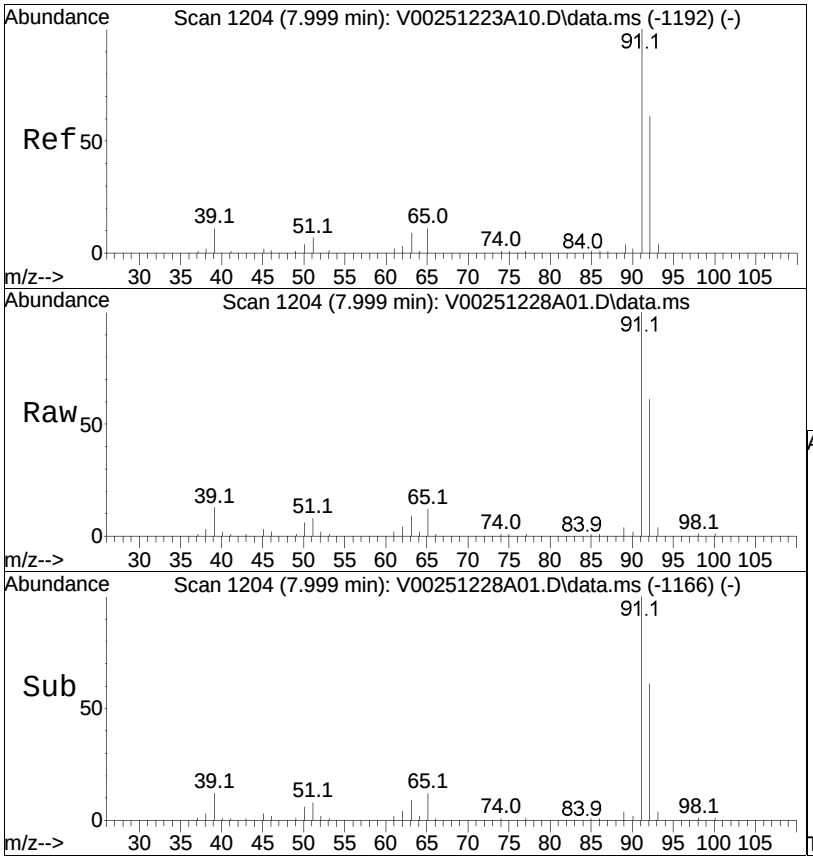


#59
cis-1,3-Dichloropropene
Concen: 45.31 ug/L
RT: 7.721 min Scan# 1151
Delta R.T. -0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 75 Resp: 171885

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.7	38.5
39	59.1	32.3	48.5#

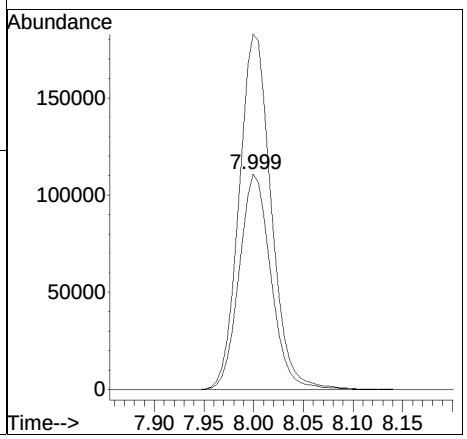


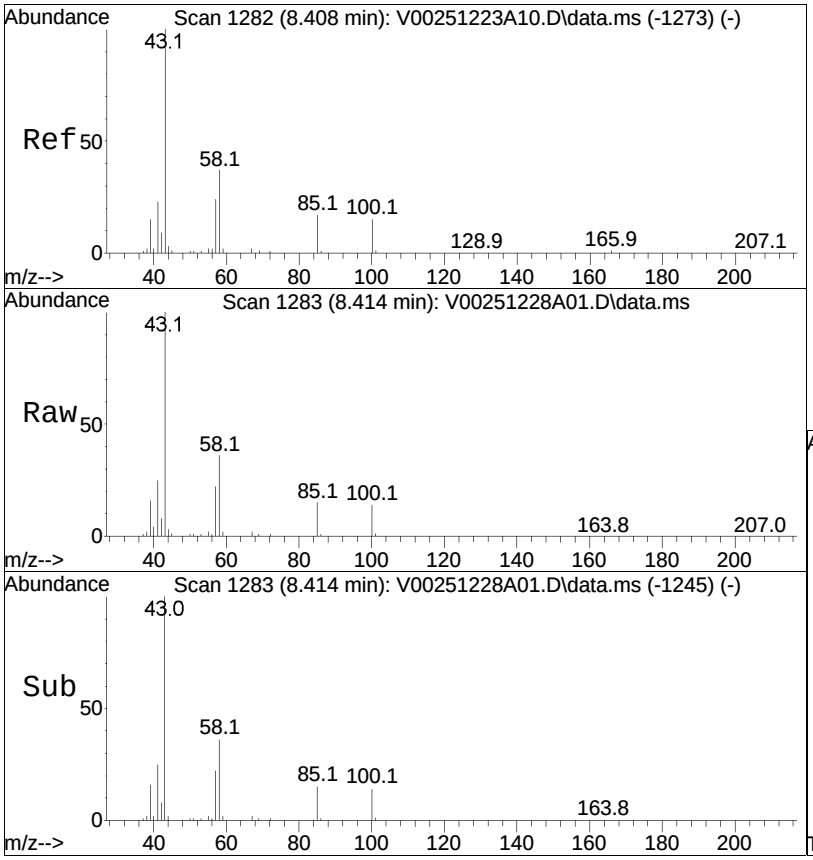


#62
Toluene
Concen: 38.97 ug/L
RT: 7.999 min Scan# 1204
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 92 Resp: 246497

Ion	Ratio	Lower	Upper
92	100		
91	166.3	138.2	207.2

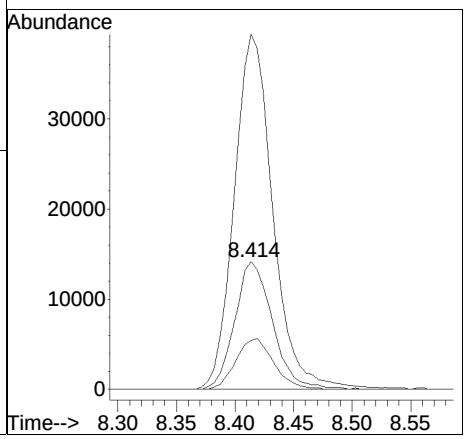


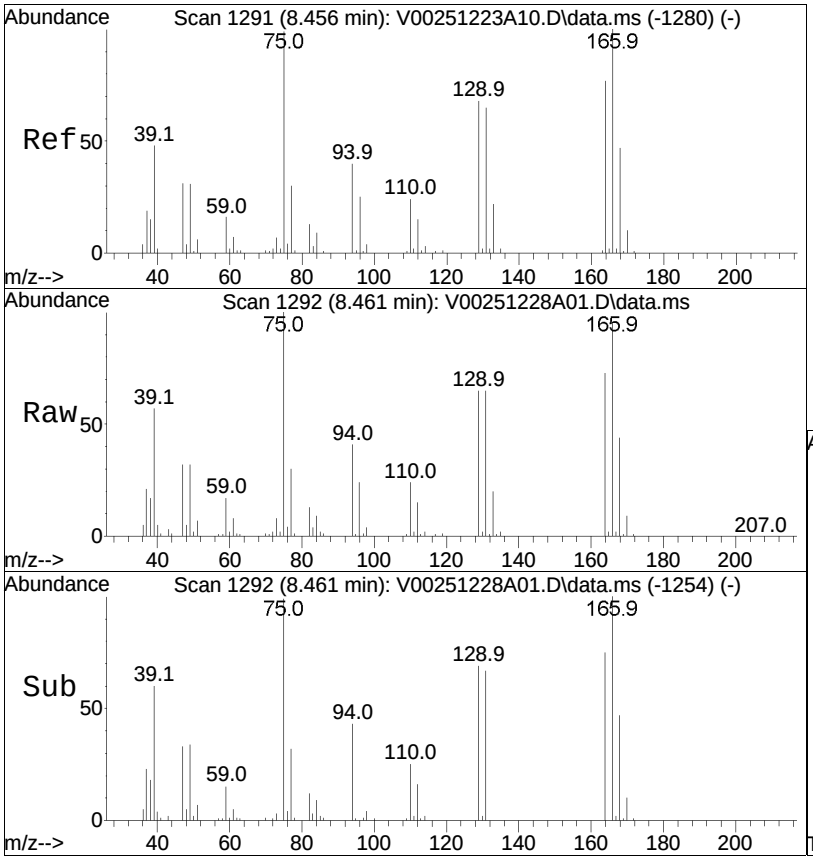


#63
4-Methyl-2-pentanone
Concen: 39.68 ug/L
RT: 8.414 min Scan# 1283
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 58 Resp: 31878

Ion	Ratio	Lower	Upper
58	100		
100	39.8	31.2	46.8
43	284.1	156.5	234.7#

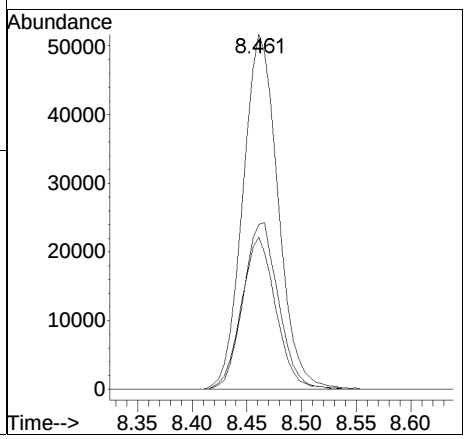


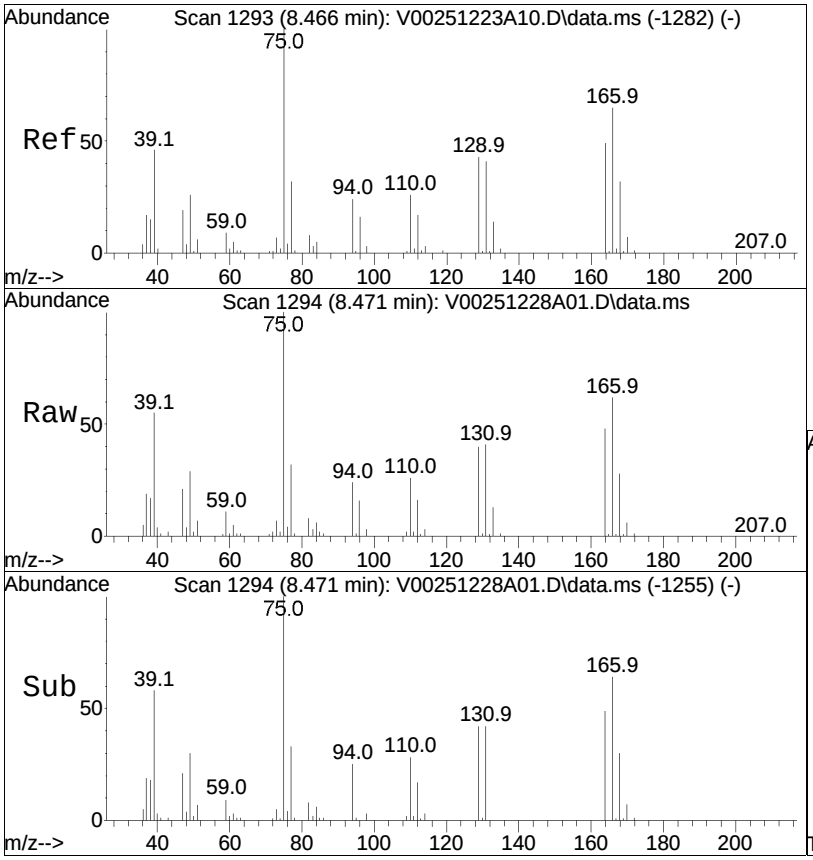


#64
Tetrachloroethene
Concen: 38.03 ug/L
RT: 8.461 min Scan# 1292
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:166 Resp: 116086

Ion	Ratio	Lower	Upper
166	100		
168	47.0	29.2	69.2
94	41.9	29.0	69.0

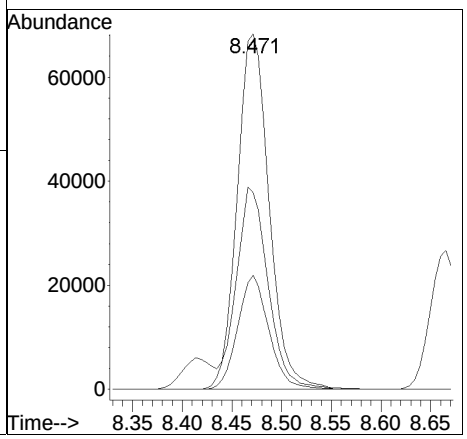


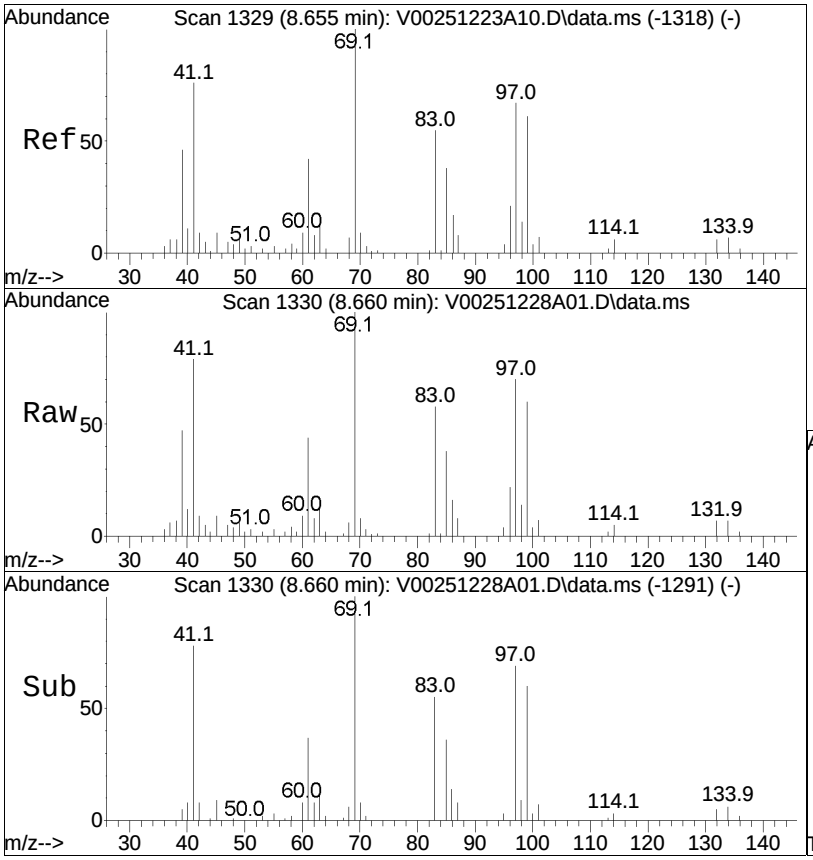


#66
trans-1,3-Dichloropropene
Concen: 39.76 ug/L
RT: 8.471 min Scan# 1294
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 75 Resp: 153547

Ion	Ratio	Lower	Upper
75	100		
77	31.3	11.8	51.8
39	56.5	23.7	63.7

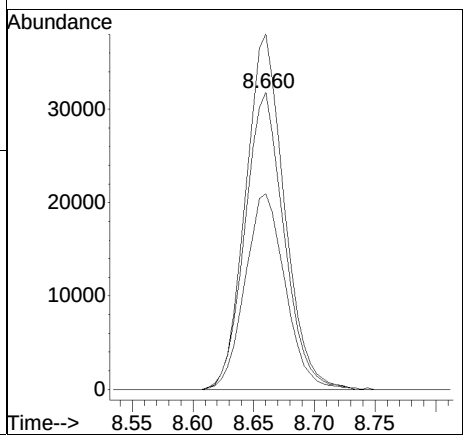


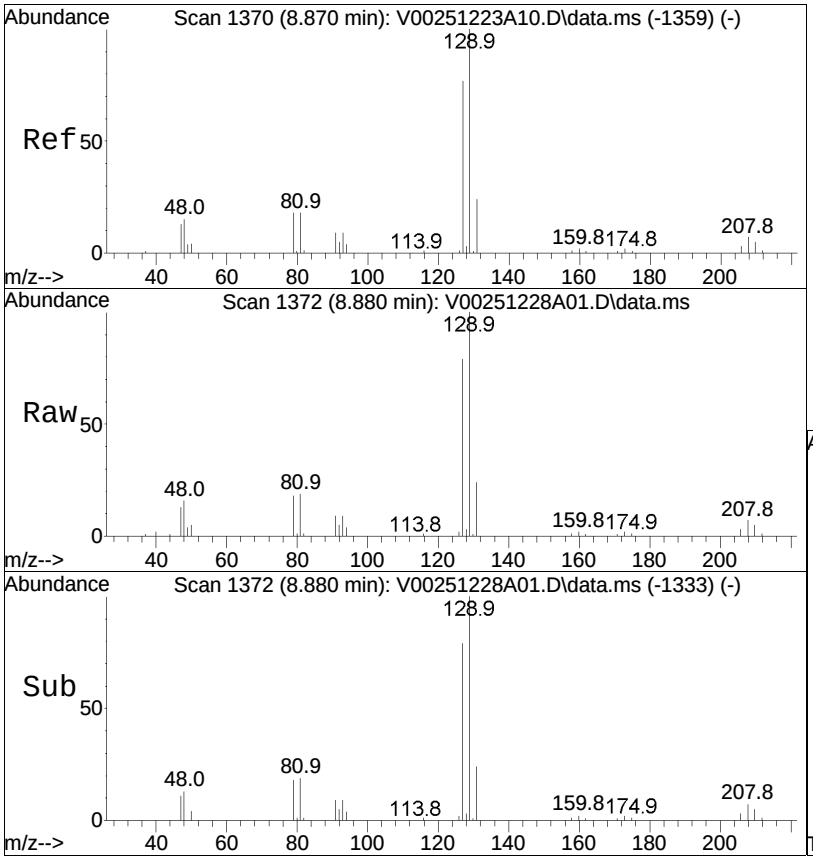


#69
1,1,2-Trichloroethane
Concen: 39.20 ug/L
RT: 8.660 min Scan# 1330
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 83 Resp: 71190

Ion	Ratio	Lower	Upper
83	100		
97	118.6	98.8	138.8
85	67.8	46.5	86.5

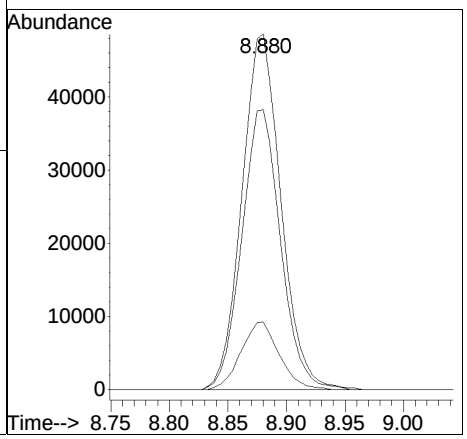


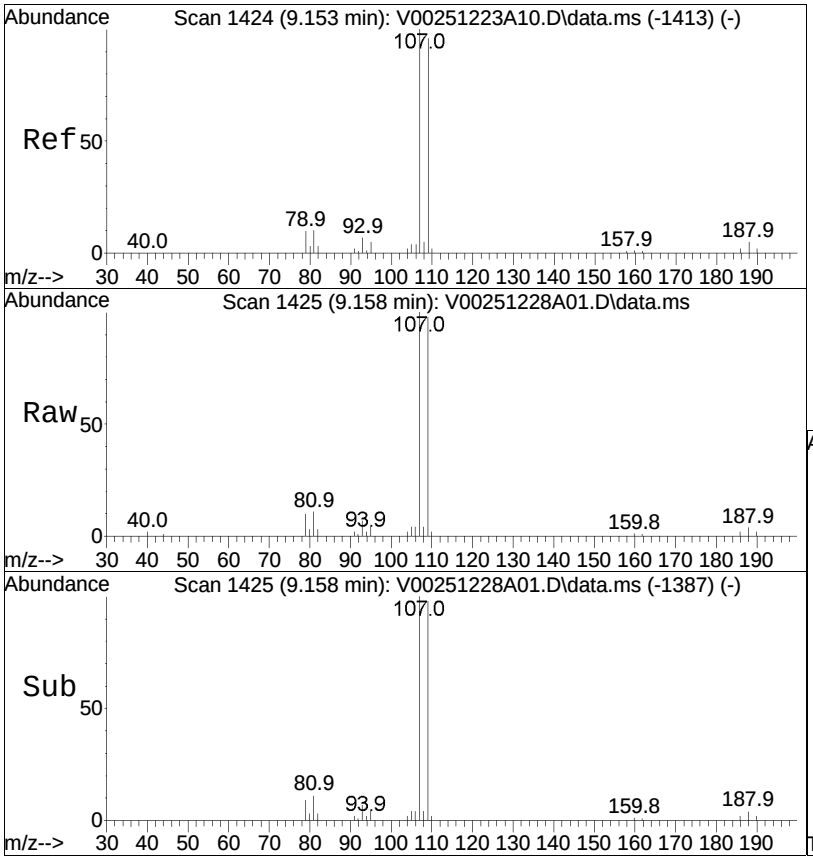


#70
Chlorodibromomethane
Concen: 38.23 ug/L
RT: 8.880 min Scan# 1372
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:129 Resp: 112464

Ion	Ratio	Lower	Upper
129	100		
81	18.5	0.1	40.1
127	78.1	58.4	98.4

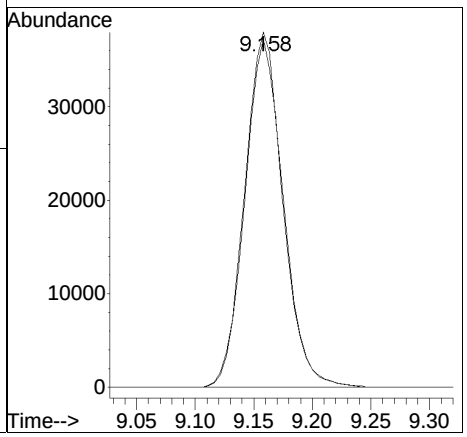


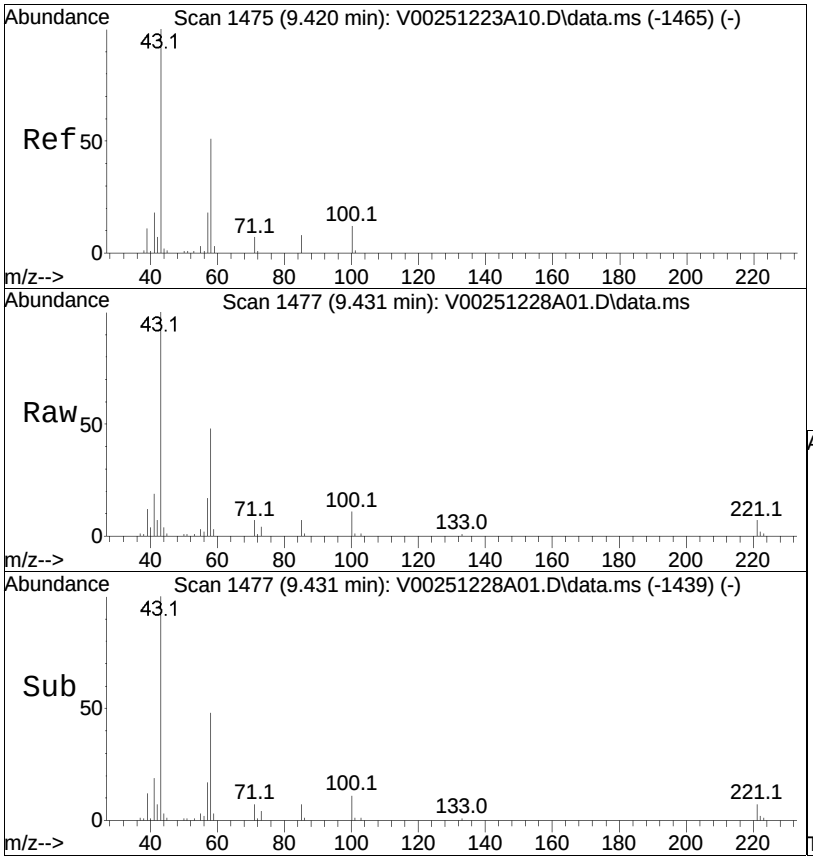


#72
1,2-Dibromoethane
Concen: 38.78 ug/L
RT: 9.158 min Scan# 1425
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:107 Resp: 87110

Ion	Ratio	Lower	Upper
107	100		
109	96.4	75.4	113.0

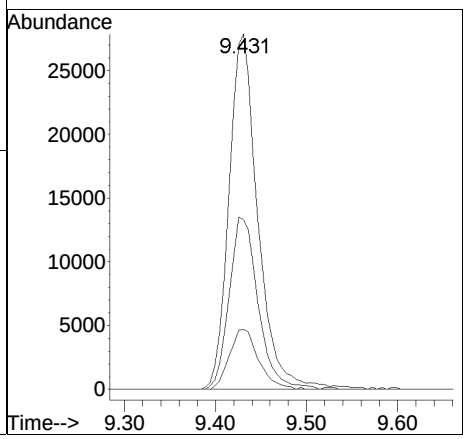


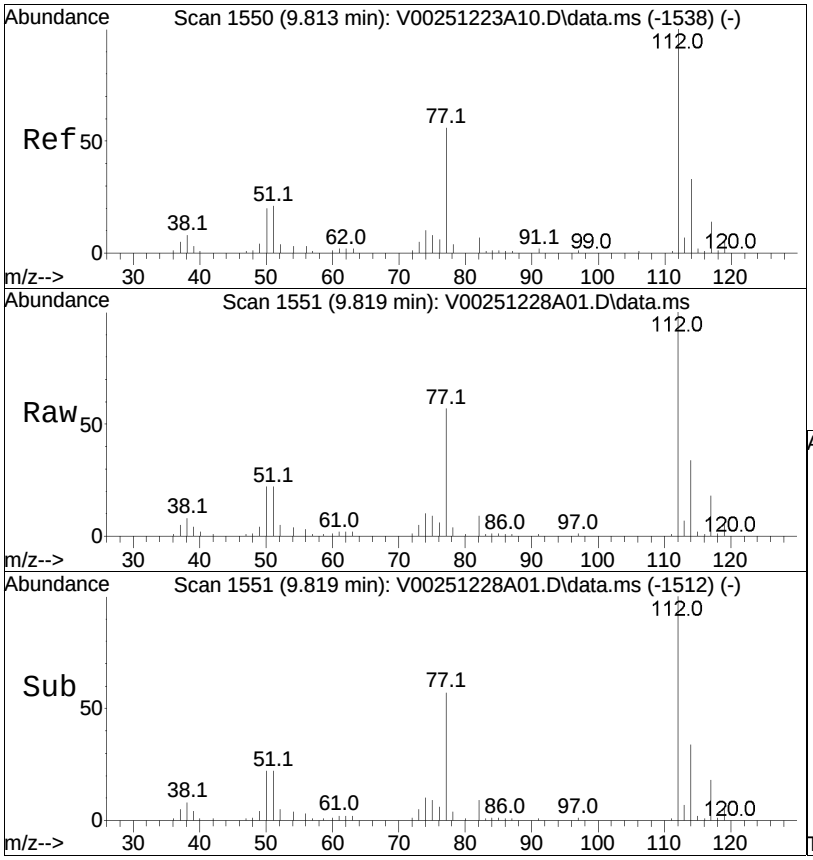


#73
2-Hexanone
Concen: 38.07 ug/L
RT: 9.431 min Scan# 1477
Delta R.T. 0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 43 Resp: 61797

Ion	Ratio	Lower	Upper
43	100		
58	48.4	54.2	81.4#
57	17.1	17.8	26.6#

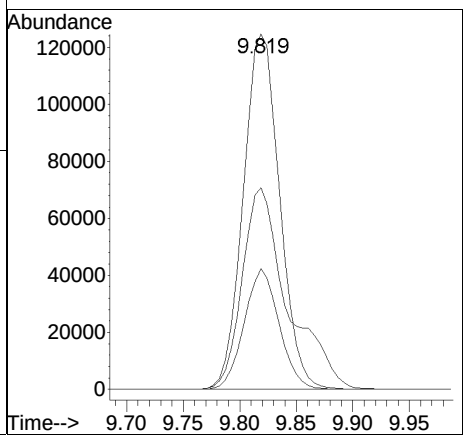


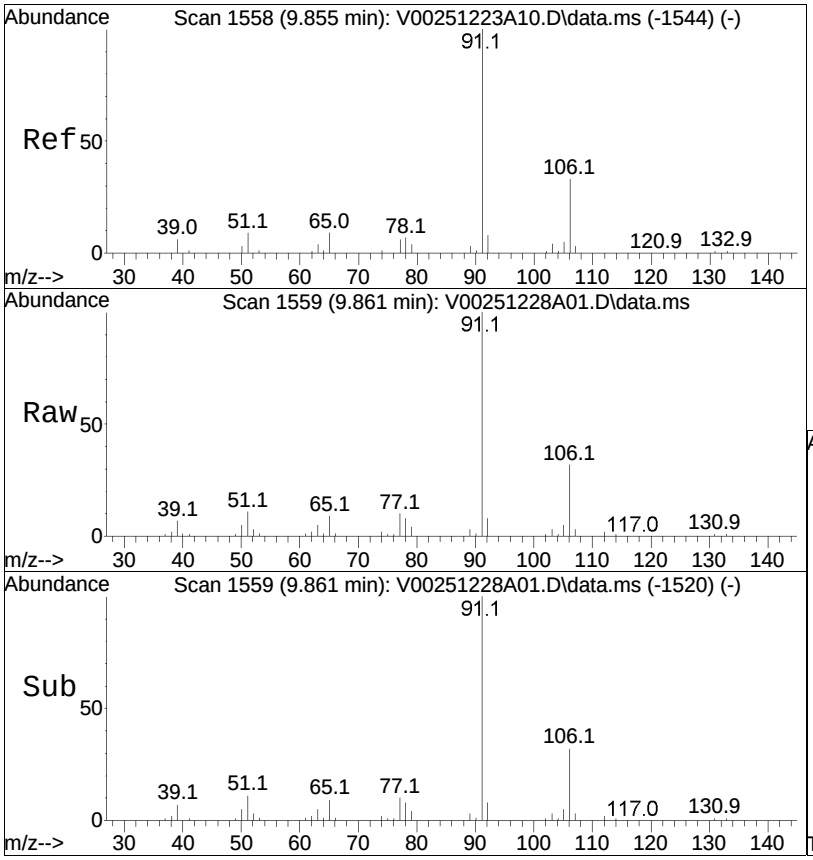


#74
Chlorobenzene
Concen: 38.69 ug/L
RT: 9.819 min Scan# 1551
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:112 Resp: 279627

Ion	Ratio	Lower	Upper
112	100		
77	70.9	57.9	86.9
114	32.6	25.7	38.5

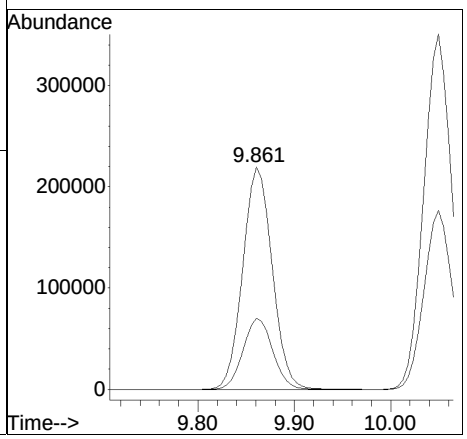


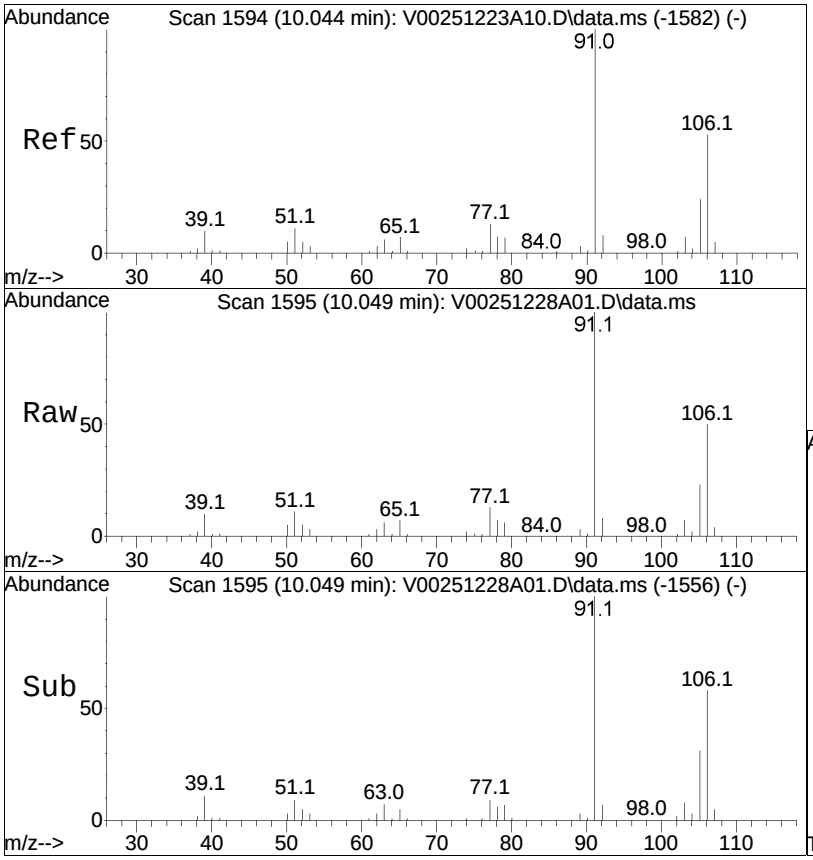


#75
Ethylbenzene
Concen: 38.95 ug/L
RT: 9.861 min Scan# 1559
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 91 Resp: 466789

Ion	Ratio	Lower	Upper
91	100		
106	32.1	25.1	37.7

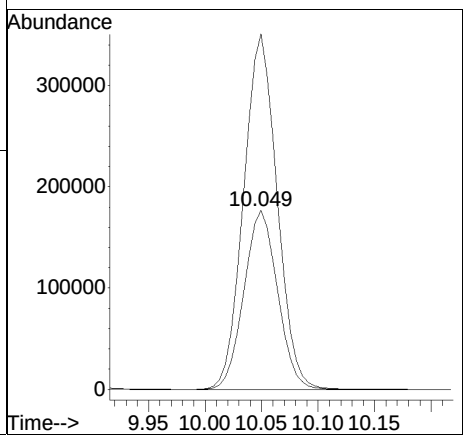


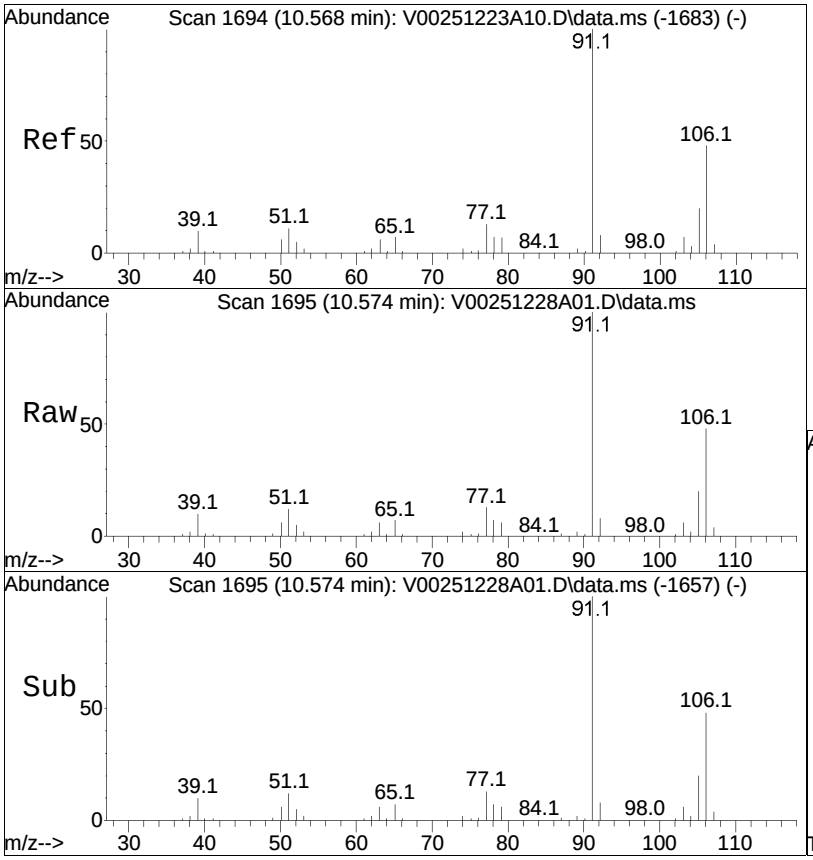


#77
p/m Xylene
Concen: 77.98 ug/L
RT: 10.049 min Scan# 1595
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:106 Resp: 365495

Ion	Ratio	Lower	Upper
106	100		
91	197.7	159.5	239.3

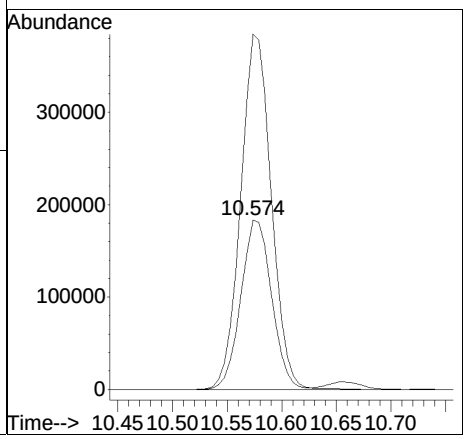


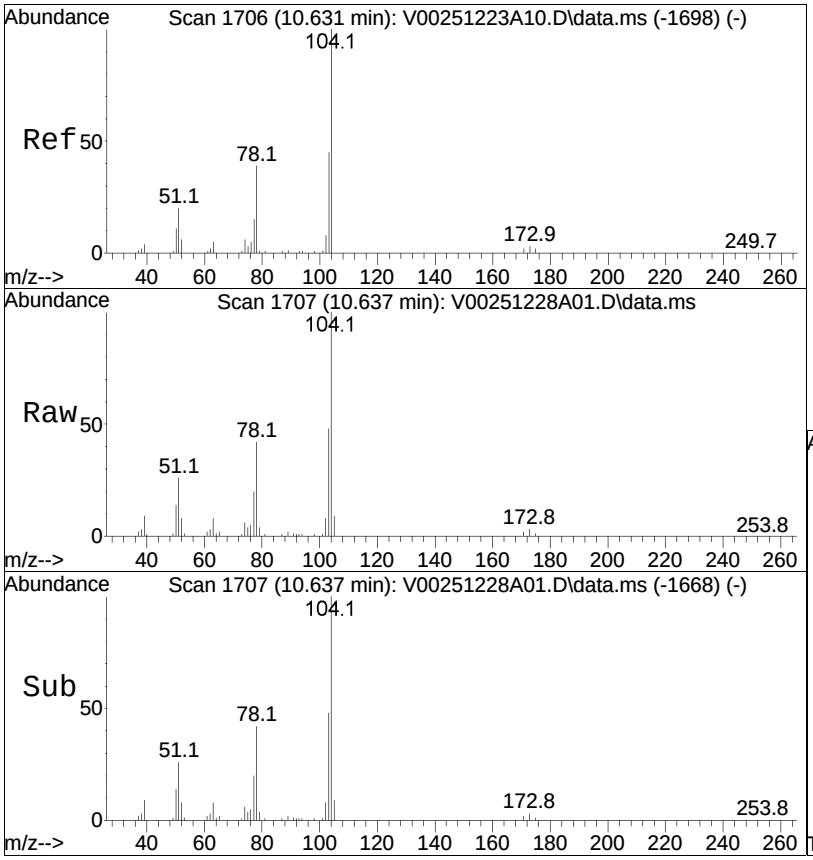


#78
o Xylene
Concen: 77.88 ug/L
RT: 10.574 min Scan# 1695
Delta R.T. 0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:106 Resp: 360800

Ion	Ratio	Lower	Upper
106	100		
91	206.9	168.6	252.8

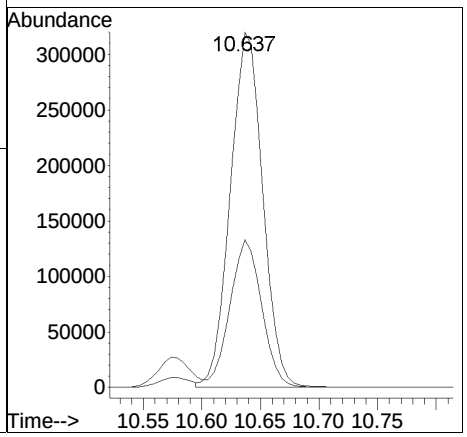


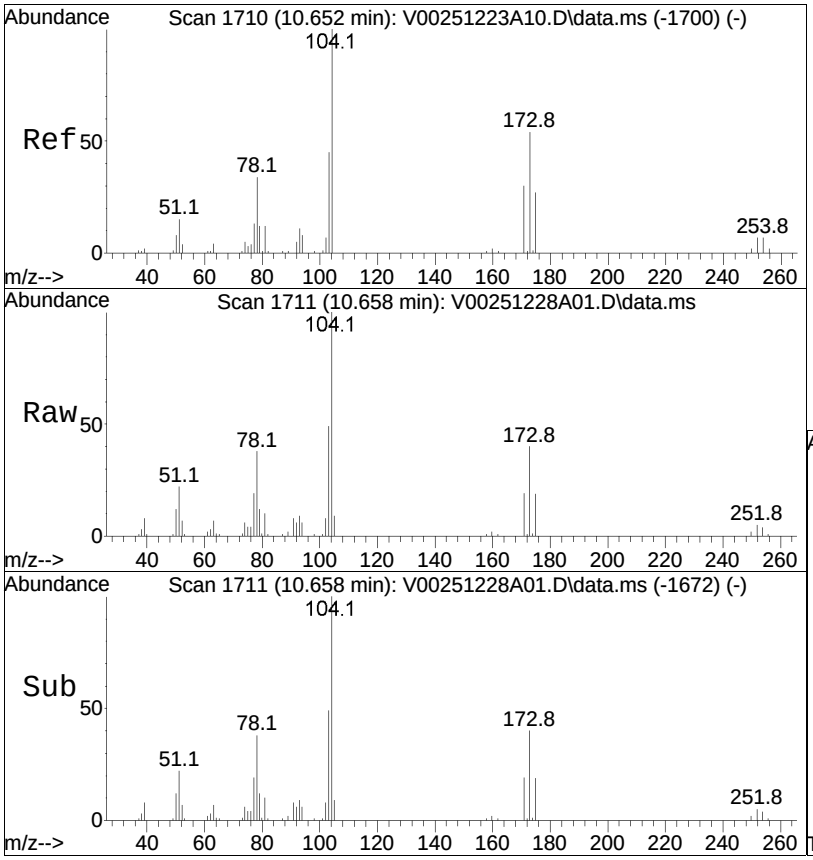


#79
Styrene
Concen: 78.97 ug/L
RT: 10.637 min Scan# 1707
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:104 Resp: 615568

Ion	Ratio	Lower	Upper
104	100		
78	40.9	33.8	50.6

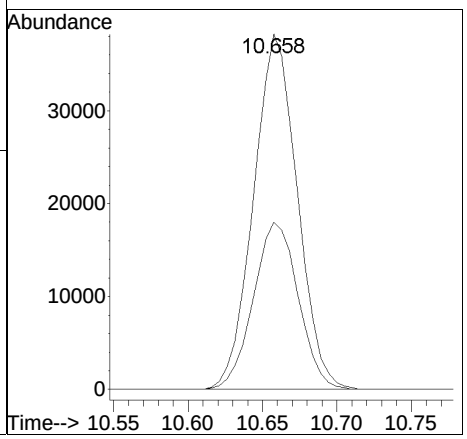


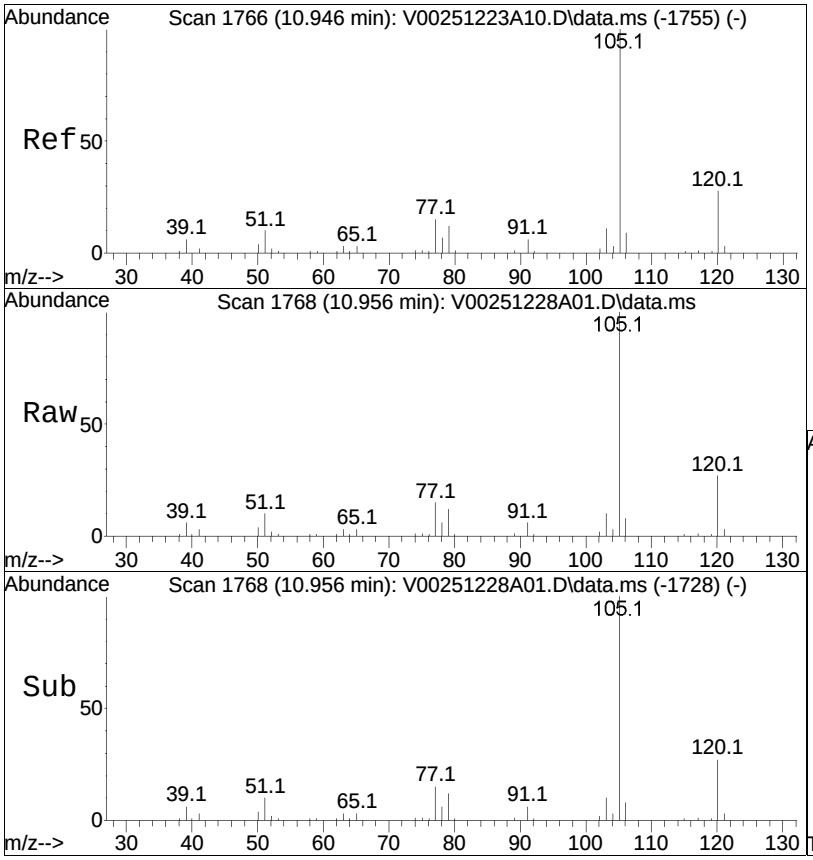


#81
Bromoform
Concen: 35.87 ug/L
RT: 10.658 min Scan# 1711
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:173 Resp: 78104

Ion	Ratio	Lower	Upper
173	100		
175	48.2	27.8	67.8

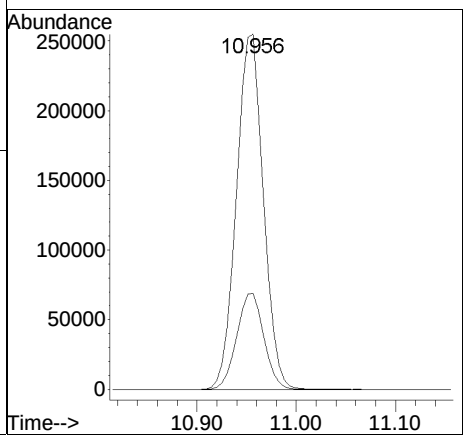


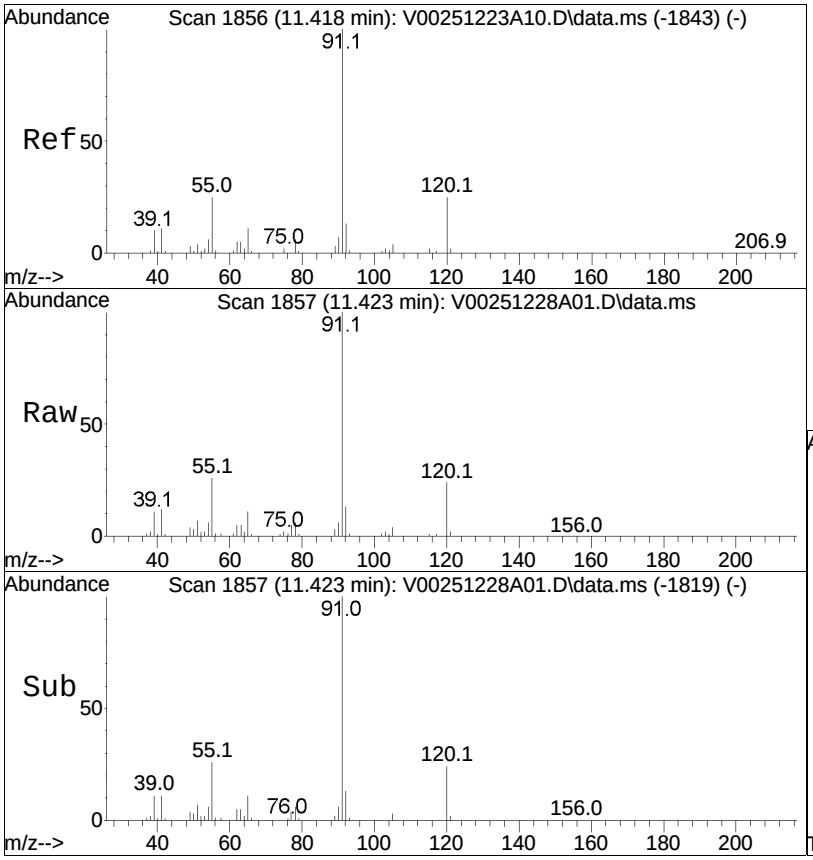


#83
Isopropylbenzene
Concen: 38.07 ug/L
RT: 10.956 min Scan# 1768
Delta R.T. 0.010 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:105 Resp: 480668

Ion	Ratio	Lower	Upper
105	100		
120	27.2	6.4	46.4

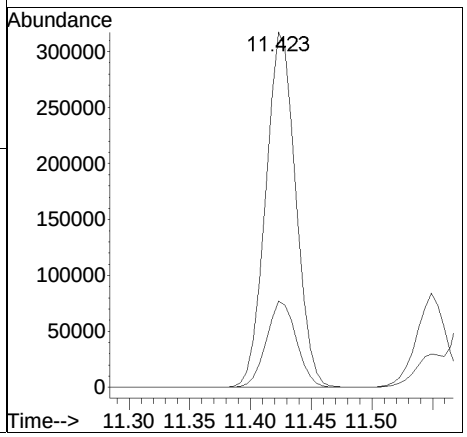


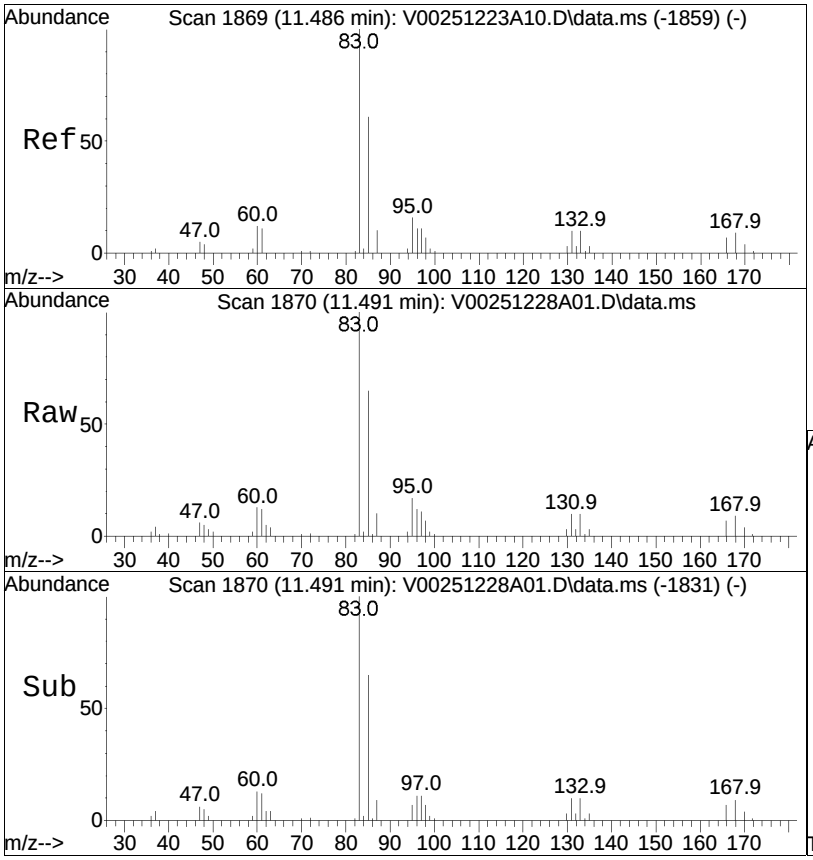


#86
n-Propylbenzene
Concen: 37.91 ug/L
RT: 11.423 min Scan# 1857
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 91 Resp: 545052

Ion	Ratio	Lower	Upper
91	100		
120	24.3	18.2	27.2

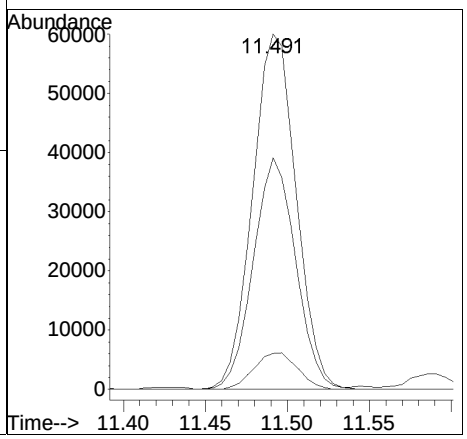


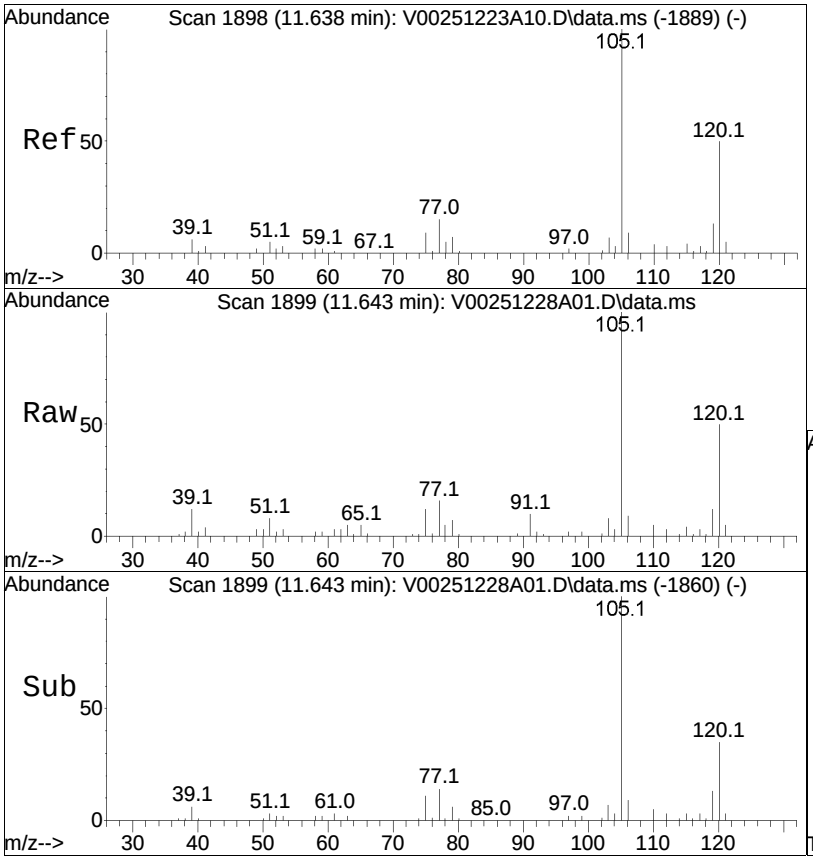


#88
1,1,2,2-Tetrachloroethane
Concen: 37.28 ug/L
RT: 11.491 min Scan# 1870
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 83 Resp: 111014

Ion	Ratio	Lower	Upper
83	100		
131	10.4	0.0	30.1
85	63.4	45.9	85.9

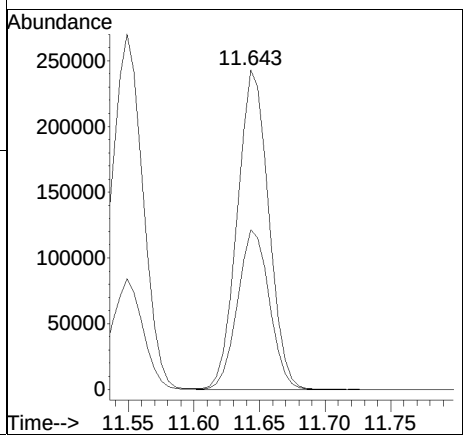


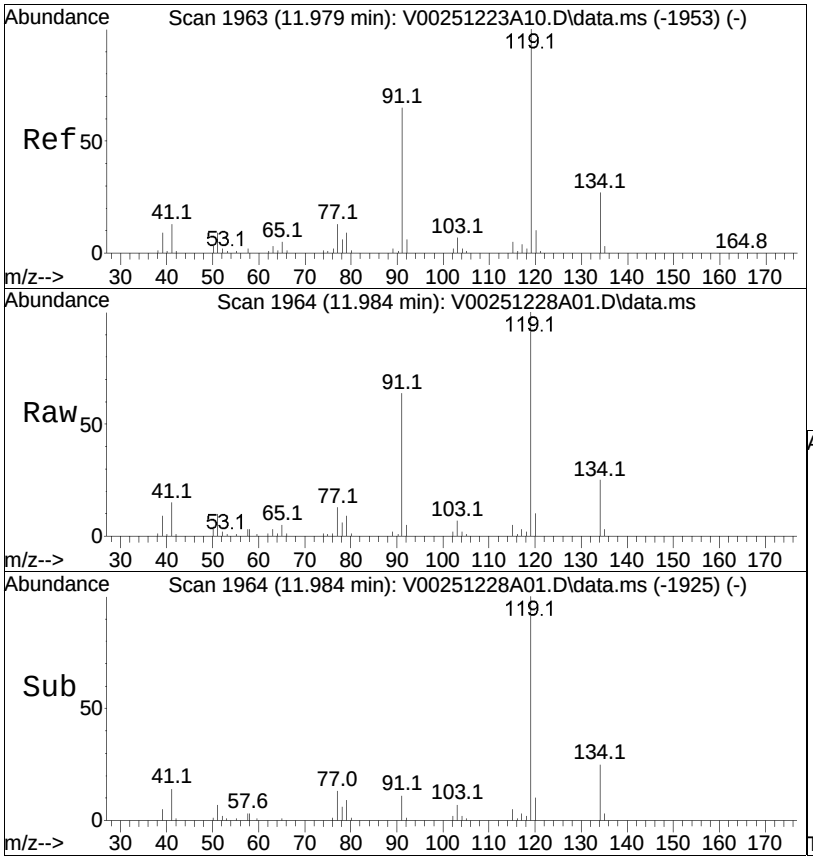


#91
1,3,5-Trimethylbenzene
Concen: 37.91 ug/L
RT: 11.643 min Scan# 1899
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:105 Resp: 405324

Ion	Ratio	Lower	Upper
105	100		
120	50.5	39.1	58.7

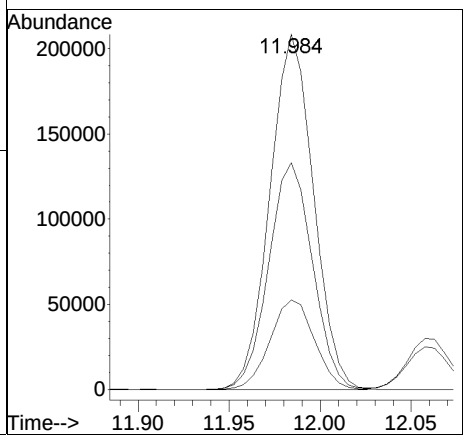


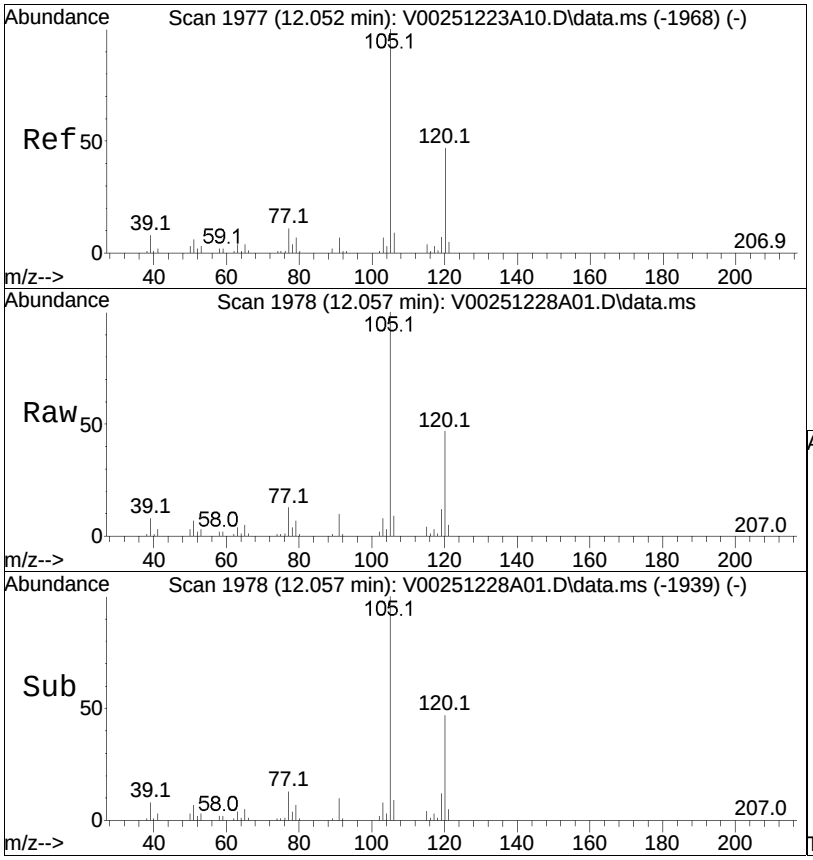


#95
tert-Butylbenzene
Concen: 37.41 ug/L
RT: 11.984 min Scan# 1964
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:119 Resp: 347468

Ion	Ratio	Lower	Upper
119	100		
91	64.4	54.8	82.2
134	25.7	20.6	30.8

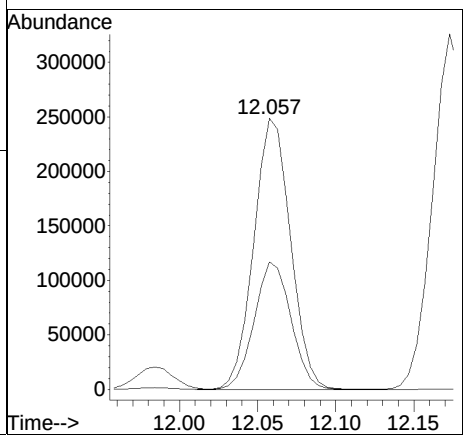


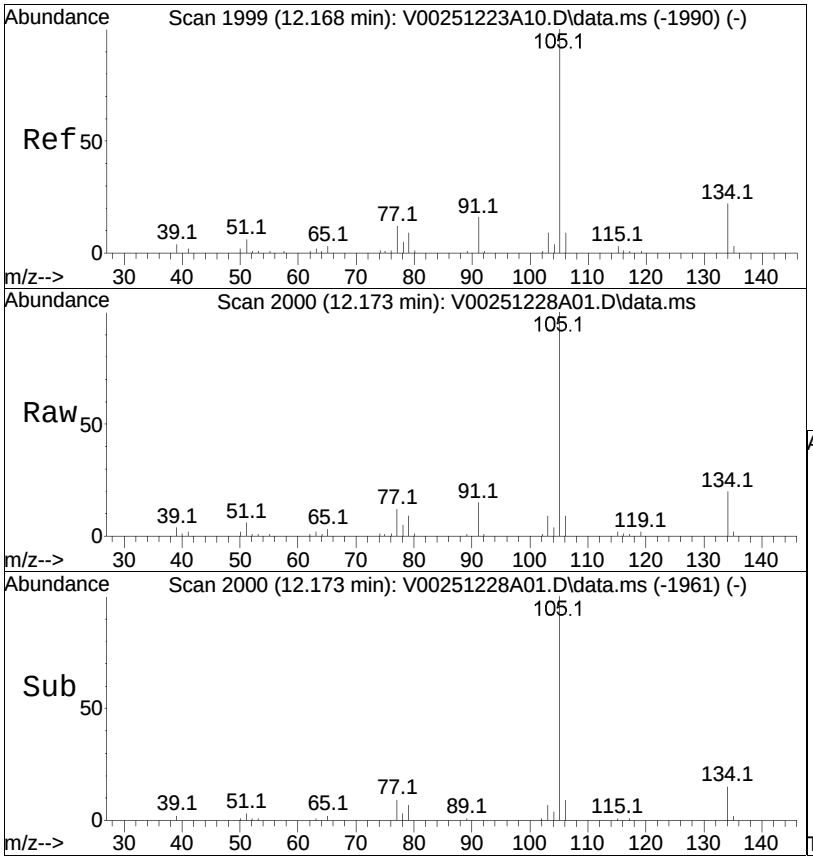


#98
1,2,4-Trimethylbenzene
Concen: 38.45 ug/L
RT: 12.057 min Scan# 1978
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:105 Resp: 406757

Ion	Ratio	Lower	Upper
105	100		
120	47.0	37.1	55.7

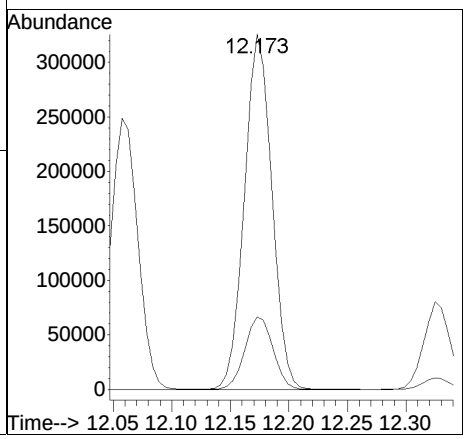


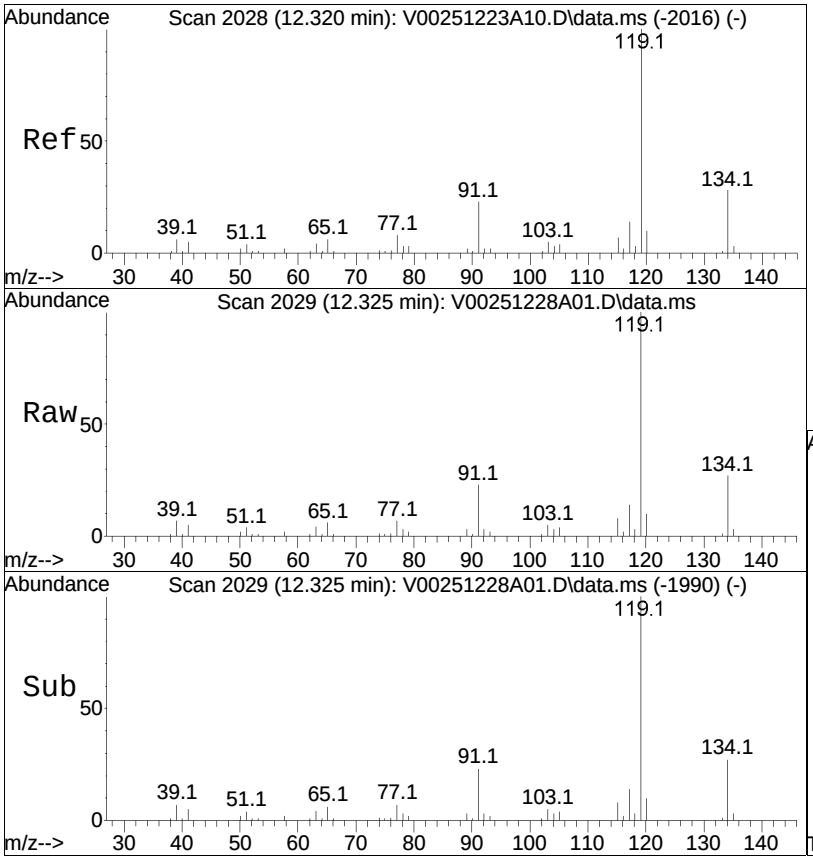


#99
sec-Butylbenzene
Concen: 38.51 ug/L
RT: 12.173 min Scan# 2000
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:105 Resp: 531342

Ion	Ratio	Lower	Upper
105	100		
134	20.9	13.5	27.9

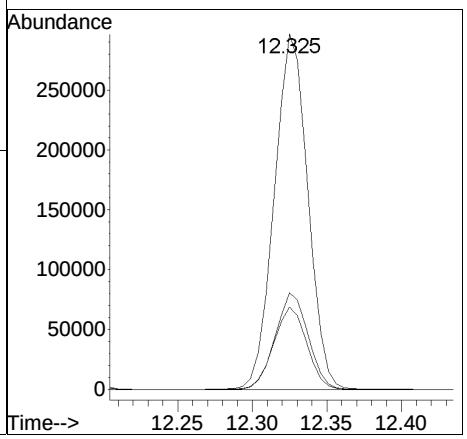


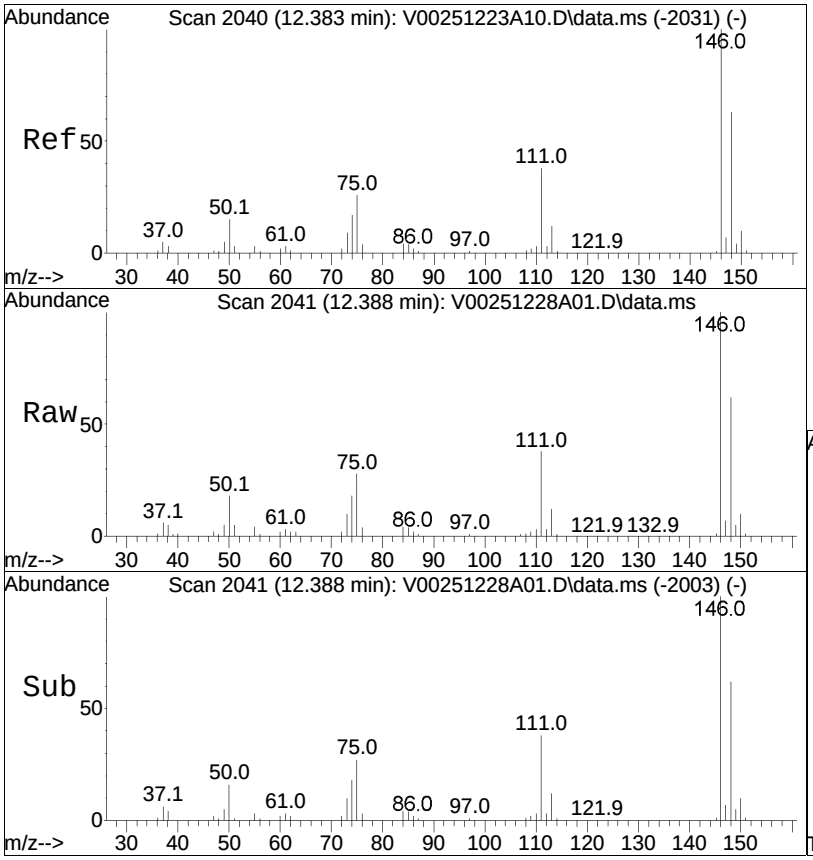


#100
p-Isopropyltoluene
Concen: 38.90 ug/L
RT: 12.325 min Scan# 2029
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:119 Resp: 463344

Ion	Ratio	Lower	Upper
119	100		
134	26.8	17.4	36.0
91	22.9	15.8	32.8

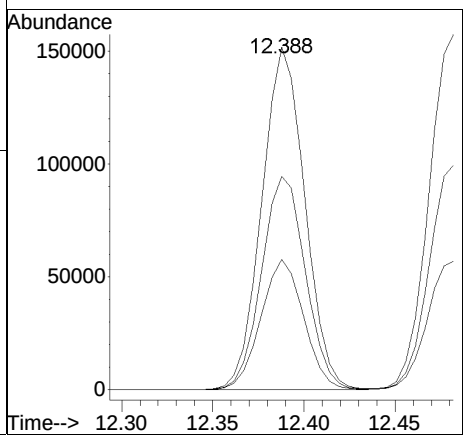


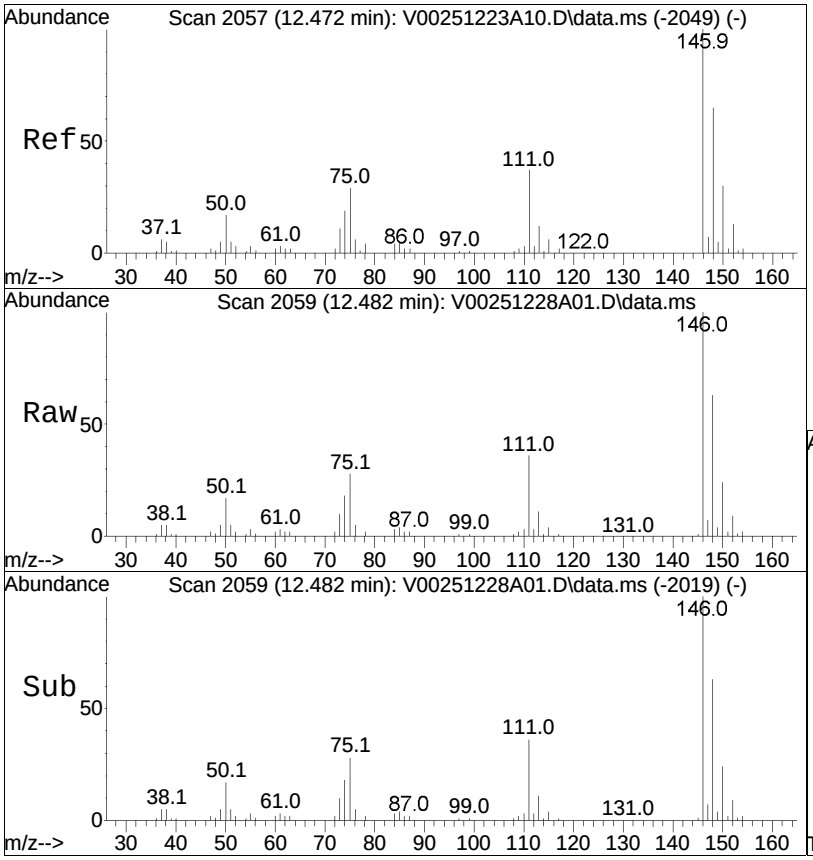


#101
1,3-Dichlorobenzene
Concen: 37.82 ug/L
RT: 12.388 min Scan# 2041
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:146 Resp: 248515

Ion	Ratio	Lower	Upper
146	100		
111	37.7	26.1	54.1
148	63.5	40.8	84.8

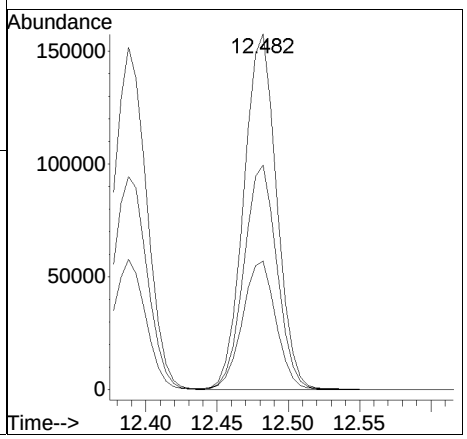


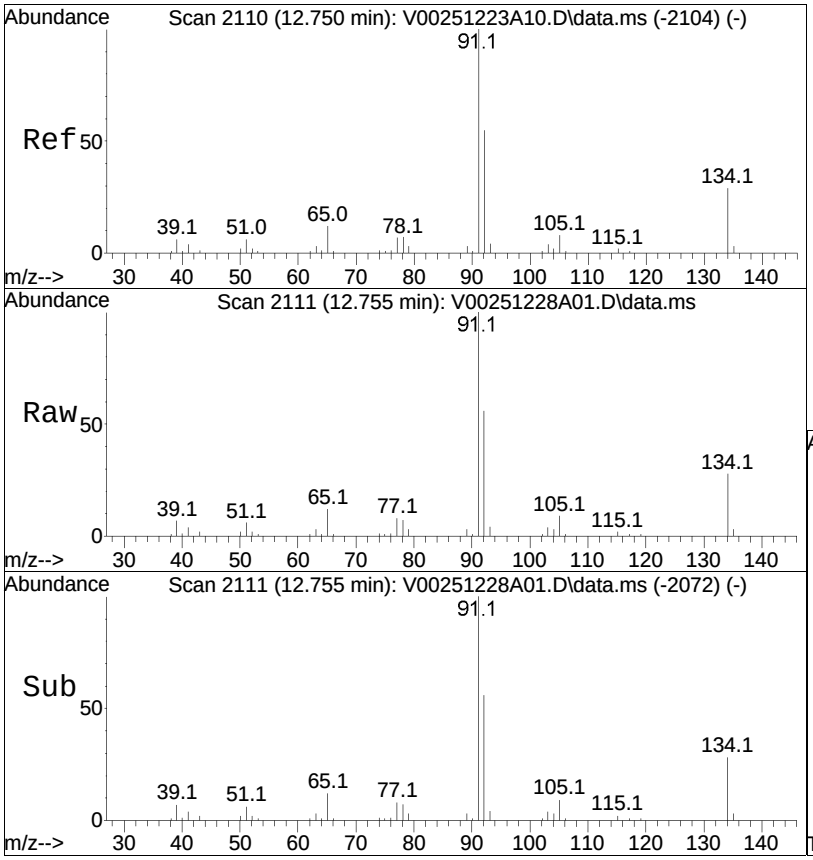


#102
1,4-Dichlorobenzene
Concen: 37.98 ug/L
RT: 12.482 min Scan# 2059
Delta R.T. 0.010 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:146 Resp: 253156

Ion	Ratio	Lower	Upper
146	100		
111	36.7	32.1	48.1
148	63.4	50.6	75.8

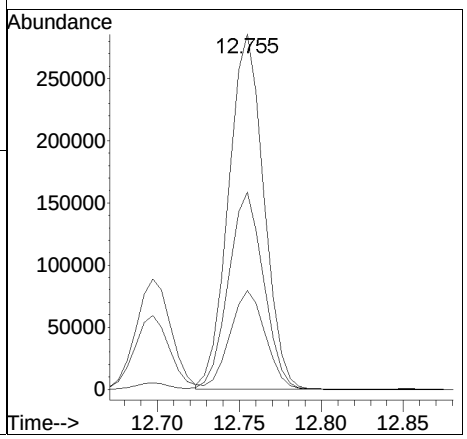


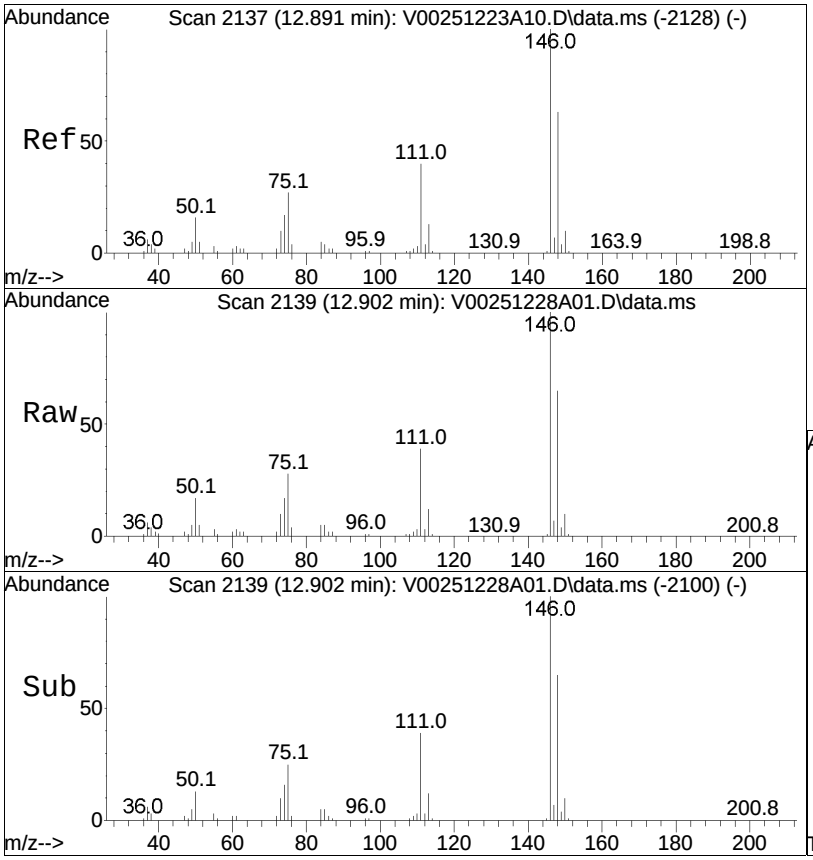


#104
n-Butylbenzene
Concen: 40.29 ug/L
RT: 12.755 min Scan# 2111
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 91 Resp: 427148

Ion	Ratio	Lower	Upper
91	100		
92	55.6	43.7	65.5
134	27.8	21.5	32.3

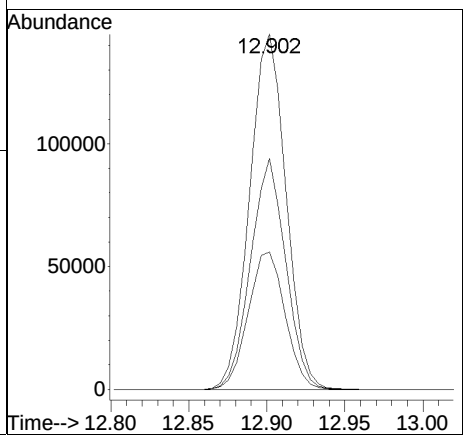


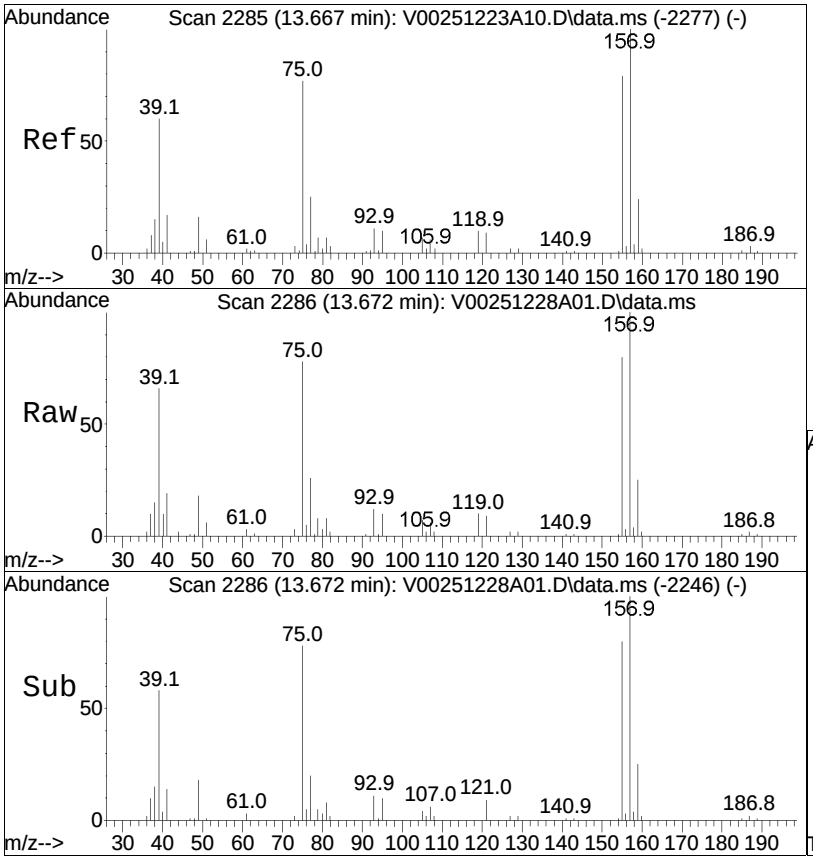


#105
1,2-Dichlorobenzene
Concen: 37.91 ug/L
RT: 12.902 min Scan# 2139
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:146 Resp: 234685

Ion	Ratio	Lower	Upper
146	100		
111	39.3	26.9	55.9
148	62.8	40.3	83.7

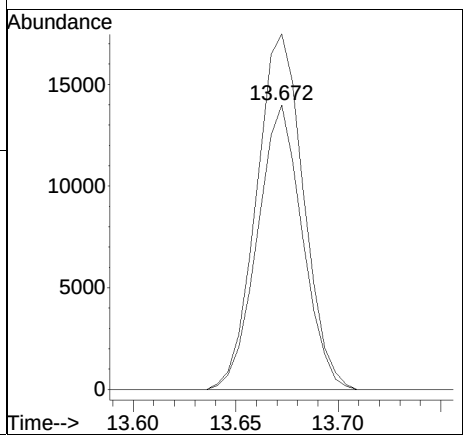


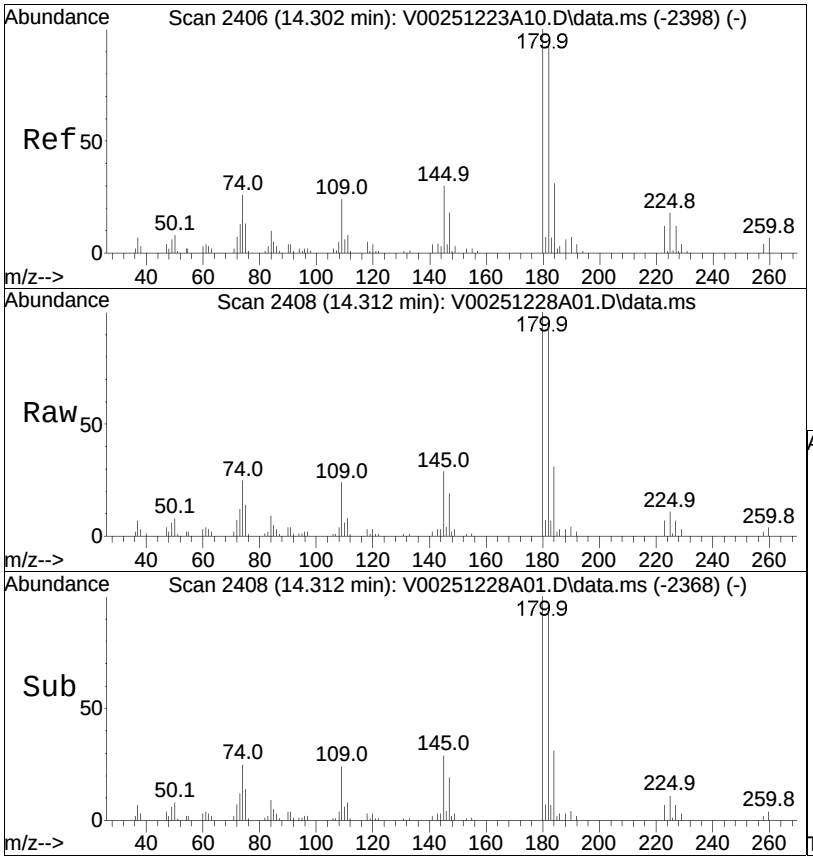


#107
1,2-Dibromo-3-chloropropane
Concen: 35.14 ug/L
RT: 13.672 min Scan# 2286
Delta R.T. 0.010 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:155 Resp: 21356

Ion	Ratio	Lower	Upper
155	100		
157	130.8	97.0	145.4

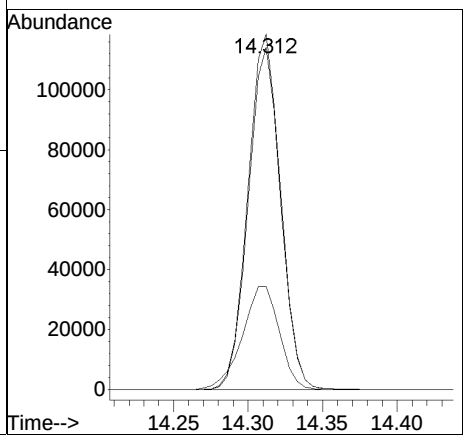


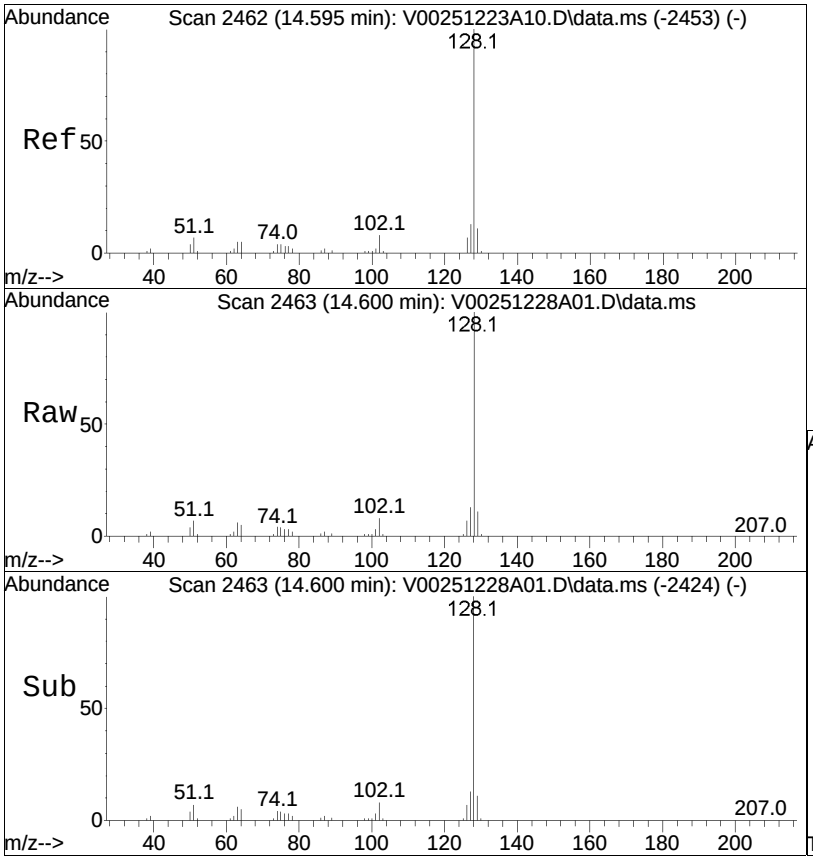


#110
1,2,4-Trichlorobenzene
Concen: 38.76 ug/L
RT: 14.312 min Scan# 2408
Delta R.T. 0.010 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:180 Resp: 180327

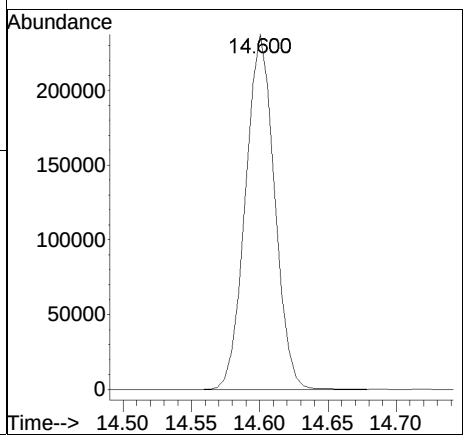
Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.8	113.6
145	32.9	29.2	43.8





#111
Naphthalene
Concen: 37.30 ug/L
RT: 14.600 min Scan# 2463
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:128 Resp: 351655



Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A01.D
Acq On : 28 Dec 2025 03:43 pm
Operator : VOA100:RAW
Sample : WG2159678-3,31h,15,15,0.1
Misc : WG2159678,ICAL22914
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 16:21:23 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.232	96	159908	20.000	ug/L	0.00
Standard Area 1 = 159908			Recovery = 100.00%			
60) Chlorobenzene-d5	9.798	117	142938	20.000	ug/L	0.00
Standard Area 1 = 142938			Recovery = 100.00%			
80) 1,4-Dichlorobenzene-d4	12.466	152	85973	20.000	ug/L	0.01
Standard Area 1 = 85973			Recovery = 100.00%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	45261	20.375	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.88%			
44) 1,2-Dichloroethane-d4	5.939	65	44442	20.131	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.66%			
61) Toluene-d8	7.942	98	177756	19.352	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.76%			
84) 4-Bromofluorobenzene	11.266	95	65055	18.987	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.93%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.781	85	85277	35.717	ug/L #	81
3) Chloromethane	2.001	50	112092	45.153	ug/L	96
4) Vinyl chloride	2.054	62	113922	46.273	ug/L	86
5) Bromomethane	2.379	94	72406	56.335	ug/L	100
6) Chloroethane	2.505	64	73158	47.481	ug/L	86
7) Trichlorofluoromethane	2.646	101	142099	41.924	ug/L	99
10) 1,1-Dichloroethene	3.150	96	83820	42.003	ug/L	90
11) Carbon disulfide	3.186	76	319616	39.477	ug/L	99
12) Freon-113	3.192	101	85038	42.770	ug/L	95
15) Methylene chloride	3.705	84	104114	42.132	ug/L	80
17) Acetone	3.726	43	45221	40.667	ug/L	90
18) trans-1,2-Dichloroethene	3.863	96	97475	42.564	ug/L	98
19) Methyl acetate	3.852	43	62082	41.801	ug/L #	81
20) Methyl tert-butyl ether	3.957	73	282158	44.113	ug/L	93
23) 1,1-Dichloroethane	4.445	63	180958	44.101	ug/L	99
28) cis-1,2-Dichloroethene	4.969	96	108522	42.760	ug/L	97
32) Cyclohexane	5.189	56	166937	45.584	ug/L	93
33) Chloroform	5.231	83	187945	42.940	ug/L	97
35) Carbon tetrachloride	5.388	117	143343	41.738	ug/L	99
38) 1,1,1-Trichloroethane	5.446	97	157825	44.661	ug/L	98

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A01.D
Acq On : 28 Dec 2025 03:43 pm
Operator : VOA100:RAW
Sample : WG2159678-3,31h,15,15,0.1
Misc : WG2159678,ICAL22914
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 16:21:23 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) 2-Butanone	5.509	43	38722	40.484	ug/L		95
42) Benzene	5.813	78	380723	45.007	ug/L		97
45) 1,2-Dichloroethane	6.007	62	132594	43.848	ug/L		100
48) Methyl cyclohexane	6.421	83	169857	44.316	ug/L		93
49) Trichloroethene	6.421	95	104458	44.727	ug/L		94
52) 1,2-Dichloropropane	6.956	63	102491	45.196	ug/L		99
55) Bromodichloromethane	7.029	83	146353	44.229	ug/L		100
59) cis-1,3-Dichloropropene	7.721	75	171885	45.308	ug/L	#	83
62) Toluene	7.999	92	246497	38.967	ug/L		95
63) 4-Methyl-2-pentanone	8.414	58	31878	39.684	ug/L	#	50
64) Tetrachloroethene	8.461	166	116086	38.032	ug/L		93
66) trans-1,3-Dichloropropene	8.471	75	153547	39.757	ug/L		88
69) 1,1,2-Trichloroethane	8.660	83	71190	39.201	ug/L		99
70) Chlorodibromomethane	8.880	129	112464	38.225	ug/L		99
72) 1,2-Dibromoethane	9.158	107	87110	38.783	ug/L		98
73) 2-Hexanone	9.431	43	61797	38.071	ug/L	#	79
74) Chlorobenzene	9.819	112	279627	38.686	ug/L		98
75) Ethylbenzene	9.861	91	466789	38.949	ug/L		99
77) p/m Xylene	10.049	106	365495	77.977	ug/L		99
78) o Xylene	10.574	106	360800	77.880	ug/L		98
79) Styrene	10.637	104	615568	78.966	ug/L		98
81) Bromoform	10.658	173	78104	35.874	ug/L		99
83) Isopropylbenzene	10.956	105	480668	38.066	ug/L		99
86) n-Propylbenzene	11.423	91	545052	37.906	ug/L		97
88) 1,1,2,2-Tetrachloroethane	11.491	83	111014	37.282	ug/L		97
91) 1,3,5-Trimethylbenzene	11.643	105	405324	37.907	ug/L		98
95) tert-Butylbenzene	11.984	119	347468	37.414	ug/L		96
98) 1,2,4-Trimethylbenzene	12.057	105	406757	38.451	ug/L		99
99) sec-Butylbenzene	12.173	105	531342	38.511	ug/L		100
100) p-Isopropyltoluene	12.325	119	463344	38.896	ug/L		99
101) 1,3-Dichlorobenzene	12.388	146	248515	37.820	ug/L		98
102) 1,4-Dichlorobenzene	12.482	146	253156	37.982	ug/L		98
104) n-Butylbenzene	12.755	91	427148	40.294	ug/L		99
105) 1,2-Dichlorobenzene	12.902	146	234685	37.907	ug/L		98
107) 1,2-Dibromo-3-chloropr...	13.672	155	21356	35.144	ug/L		91
110) 1,2,4-Trichlorobenzene	14.312	180	180327	38.760	ug/L		98
111) Naphthalene	14.600	128	351655	37.297	ug/L		100

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

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A01.D
Acq On : 28 Dec 2025 03:43 pm
Operator : VOA100:RAW
Sample : WG2159678-3,31h,15,15,0.1
Misc : WG2159678,ICAL22914
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 16:21:23 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

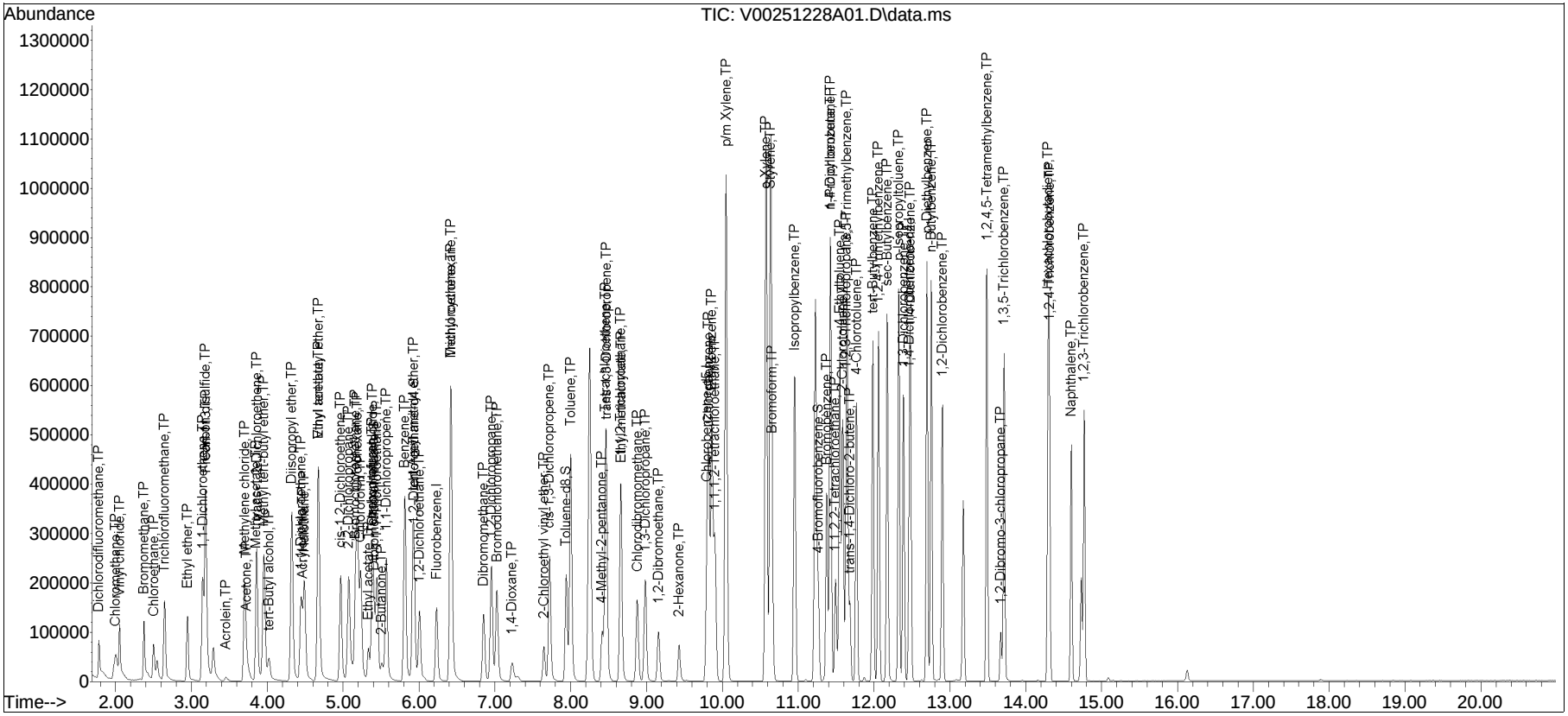
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

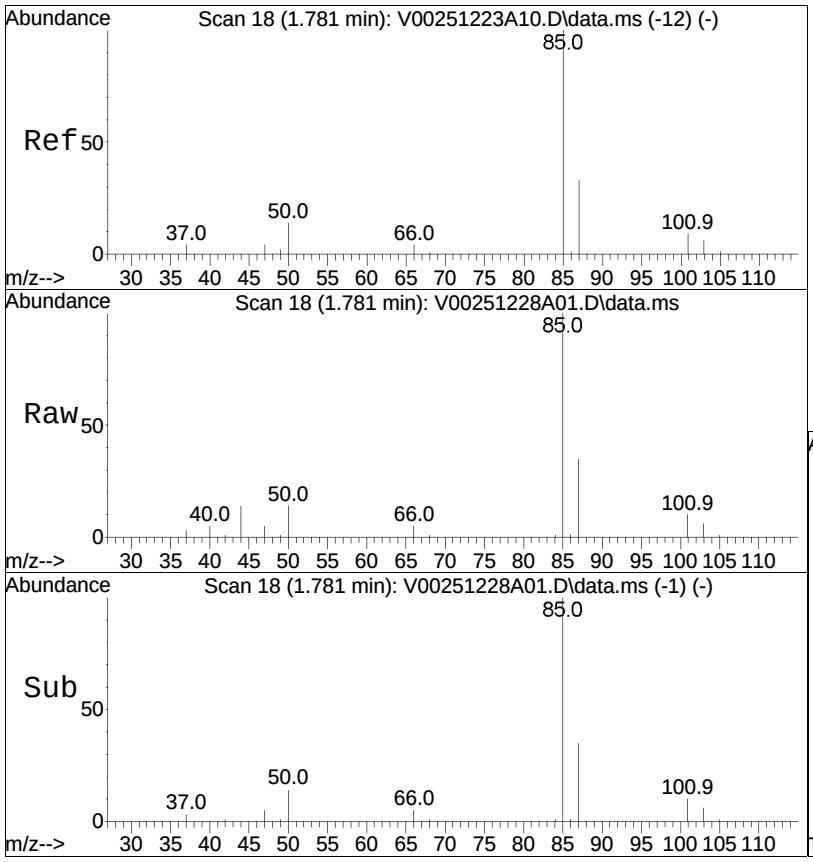
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A01.D
Acq On : 28 Dec 2025 03:43 pm
Operator : VOA100:RAW
Sample : WG2159678-3,31h,15,15,0.1
Misc : WG2159678,ICAL22914
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 28 16:21:23 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox28A01.D•

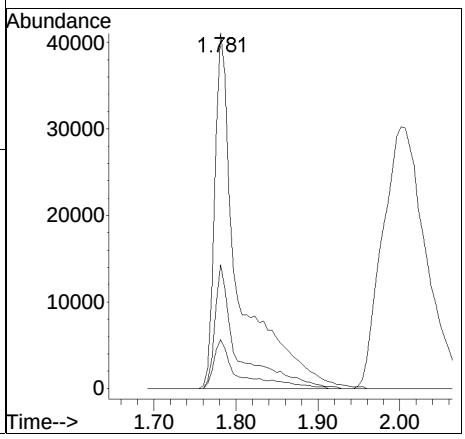


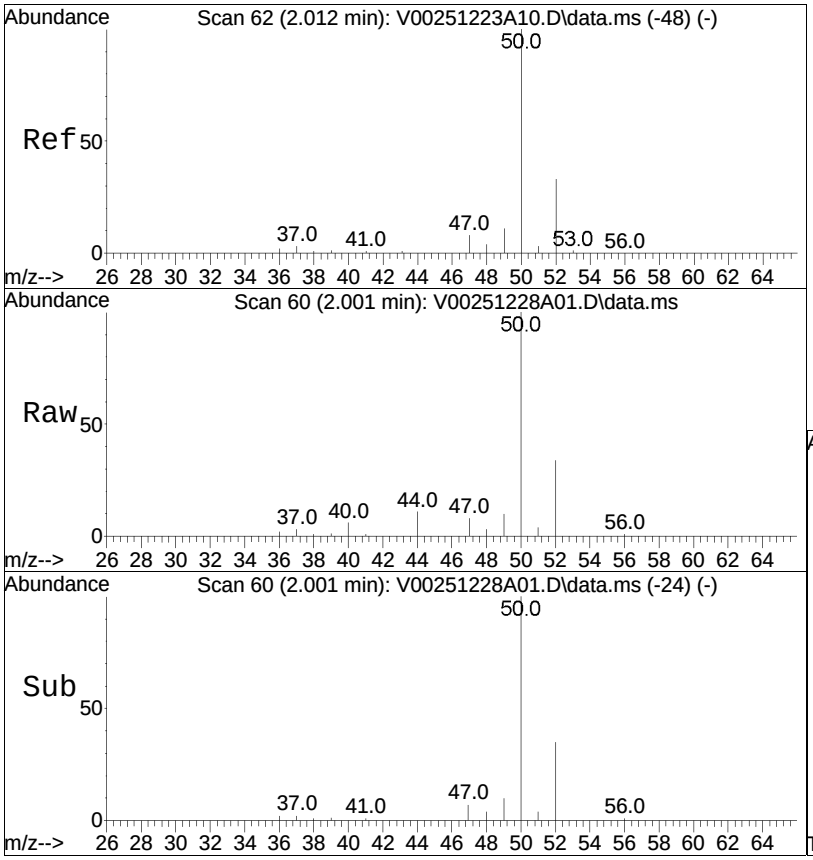


#2
Dichlorodifluoromethane
Concen: 35.72 ug/L
RT: 1.781 min Scan# 18
Delta R.T. -0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 85 Resp: 85277

Ion	Ratio	Lower	Upper
85	100		
87	33.0	14.6	30.2#
50	13.8	6.1	12.7#

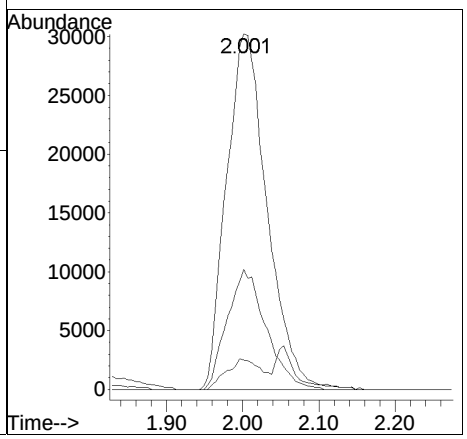


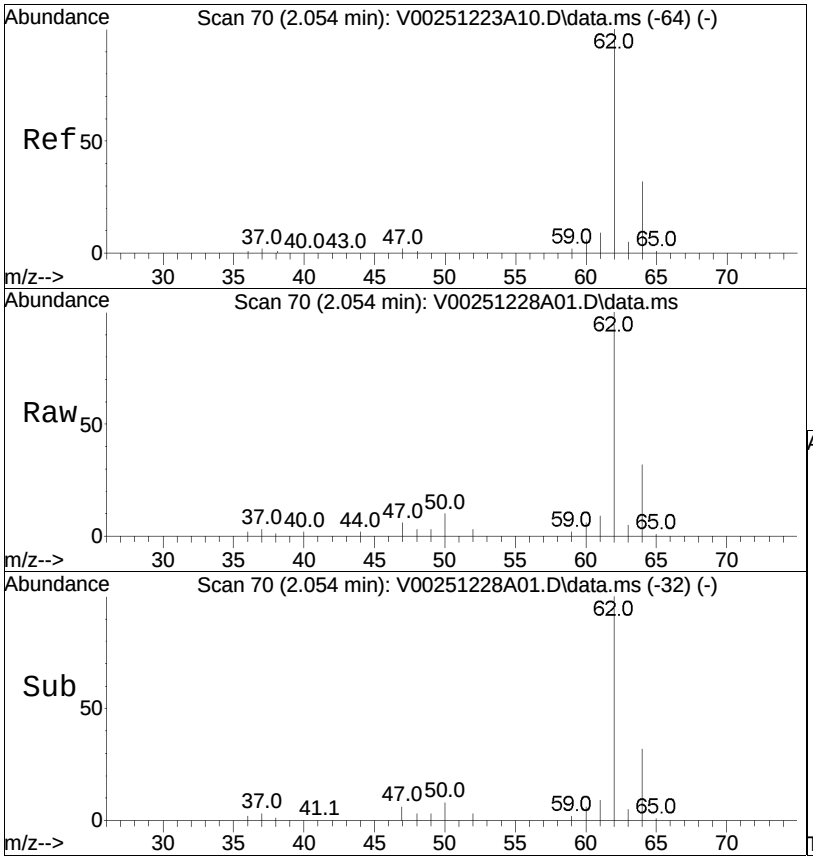


#3
Chloromethane
Concen: 45.15 ug/L
RT: 2.001 min Scan# 60
Delta R.T. -0.010 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 50 Resp: 112092

Ion	Ratio	Lower	Upper
50	100		
52	32.2	14.2	54.2
47	6.7	0.0	28.0

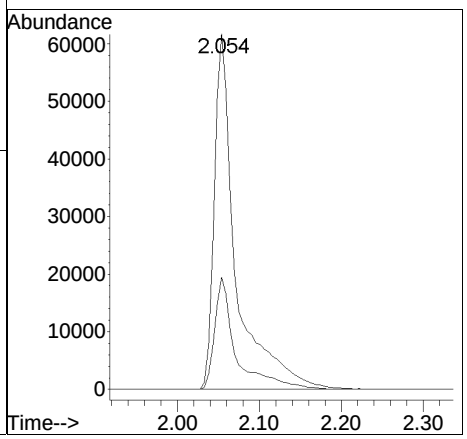


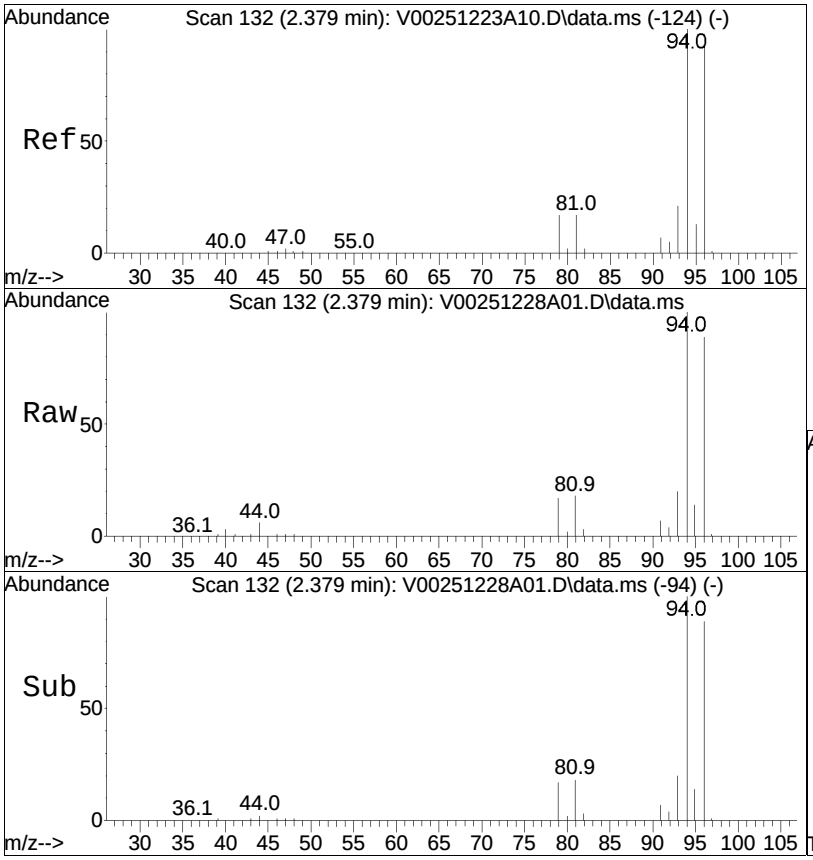


#4
Vinyl chloride
Concen: 46.27 ug/L
RT: 2.054 min Scan# 70
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 62 Resp: 113922

Ion	Ratio	Lower	Upper
62	100		
64	31.1	4.4	44.4

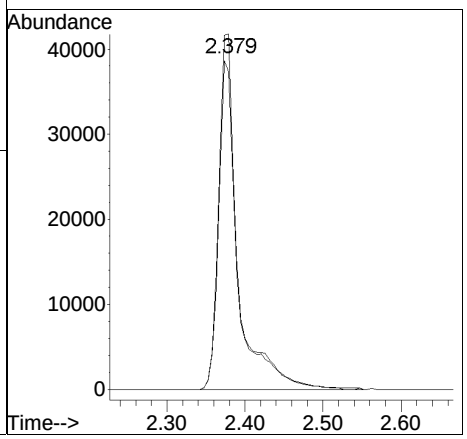


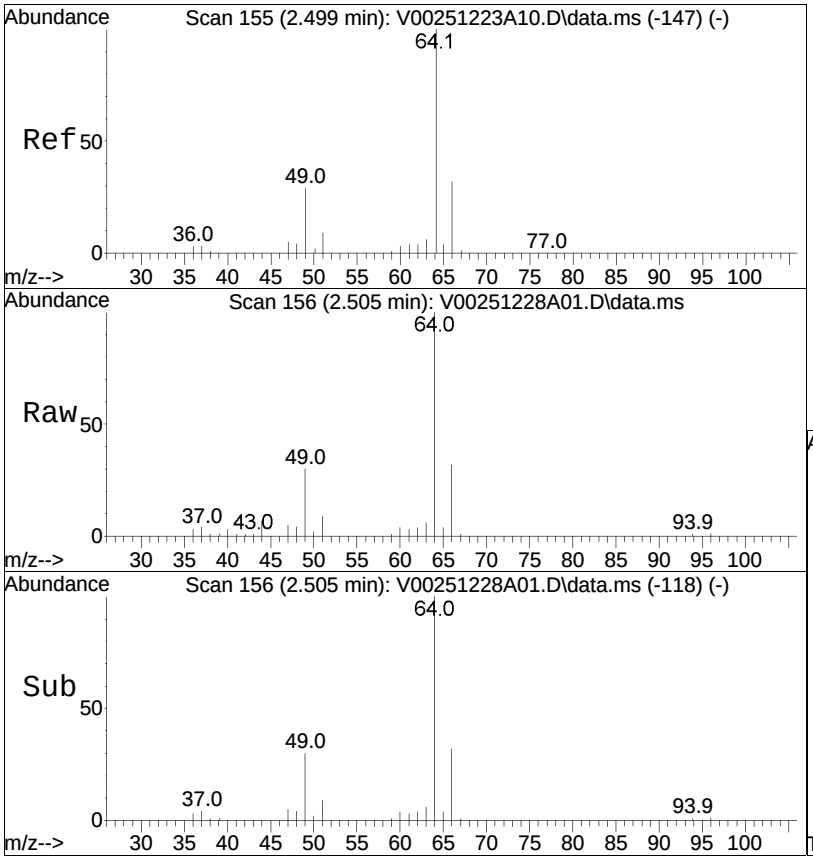


#5
Bromomethane
Concen: 56.34 ug/L
RT: 2.379 min Scan# 132
Delta R.T. 0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 94 Resp: 72406

Ion	Ratio	Lower	Upper
94	100		
96	91.9	72.4	112.4

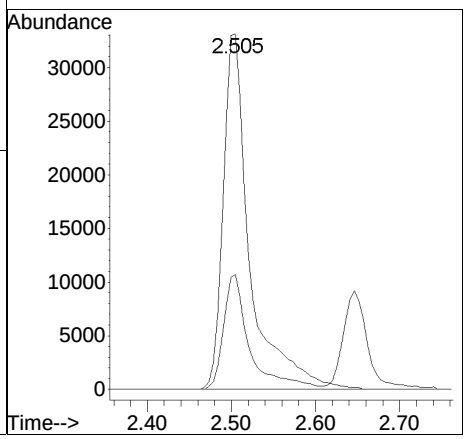


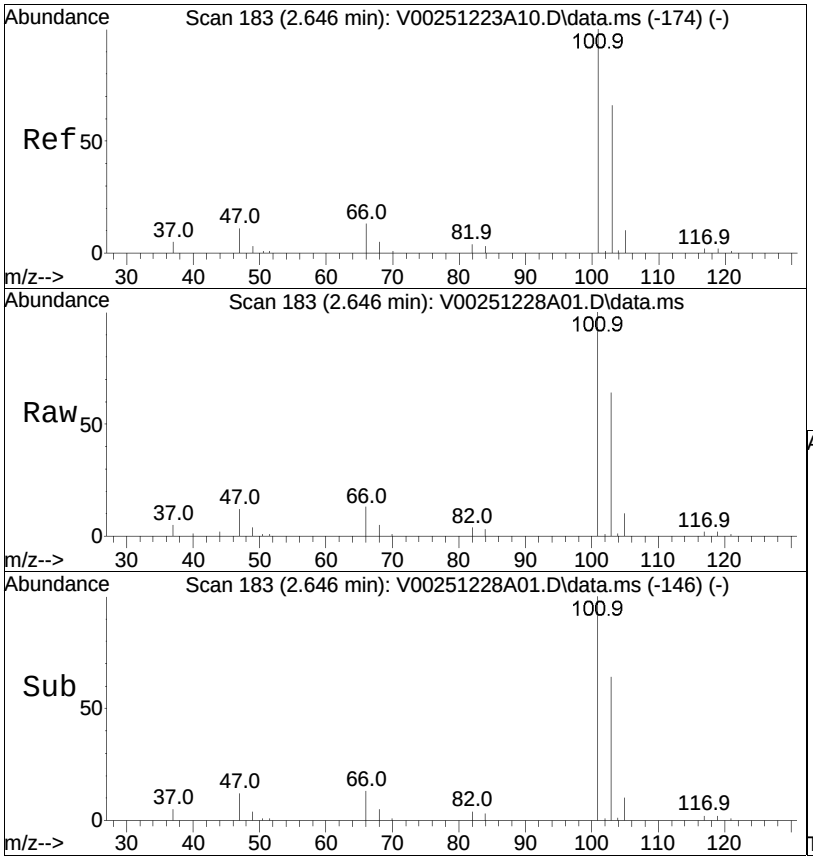


#6
Chloroethane
Concen: 47.48 ug/L
RT: 2.505 min Scan# 156
Delta R.T. 0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 64 Resp: 73158

Ion	Ratio	Lower	Upper
64	100		
66	31.7	4.8	44.8

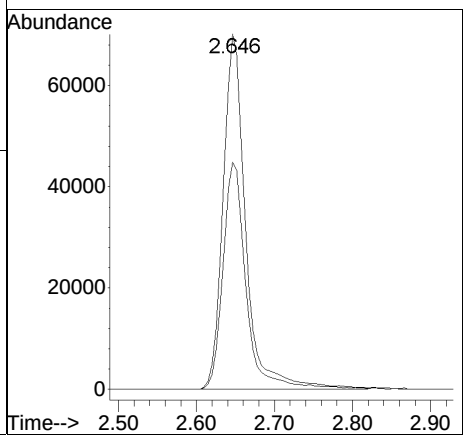


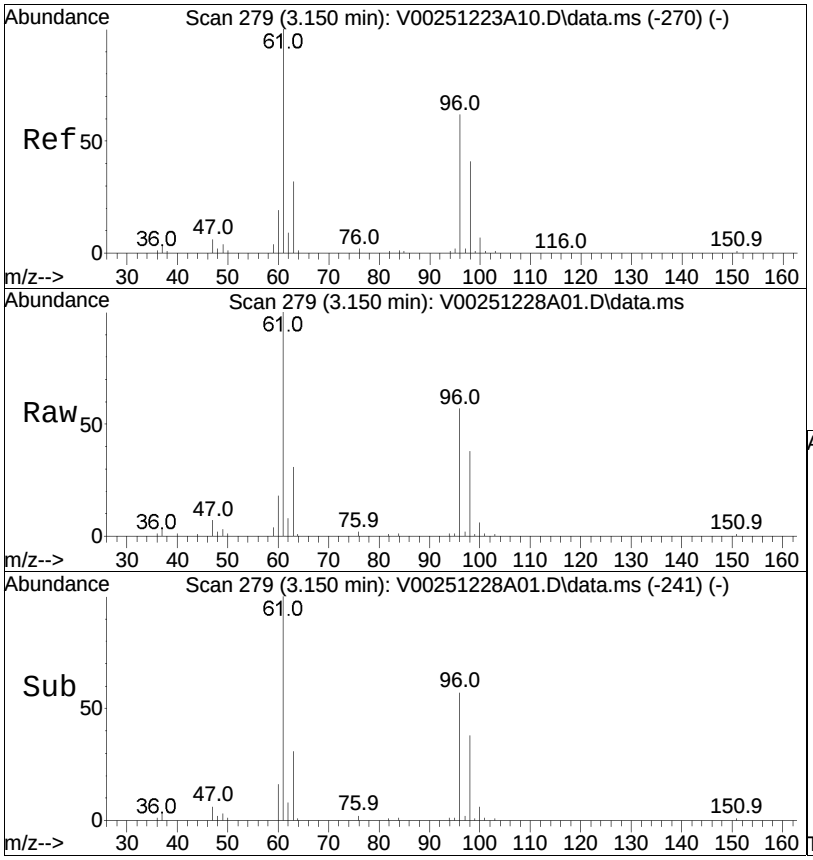


#7
Trichlorofluoromethane
Concen: 41.92 ug/L
RT: 2.646 min Scan# 183
Delta R.T. -0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:101 Resp: 142099

Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.5	77.3

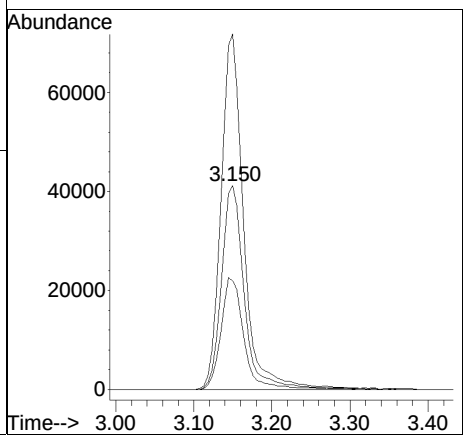


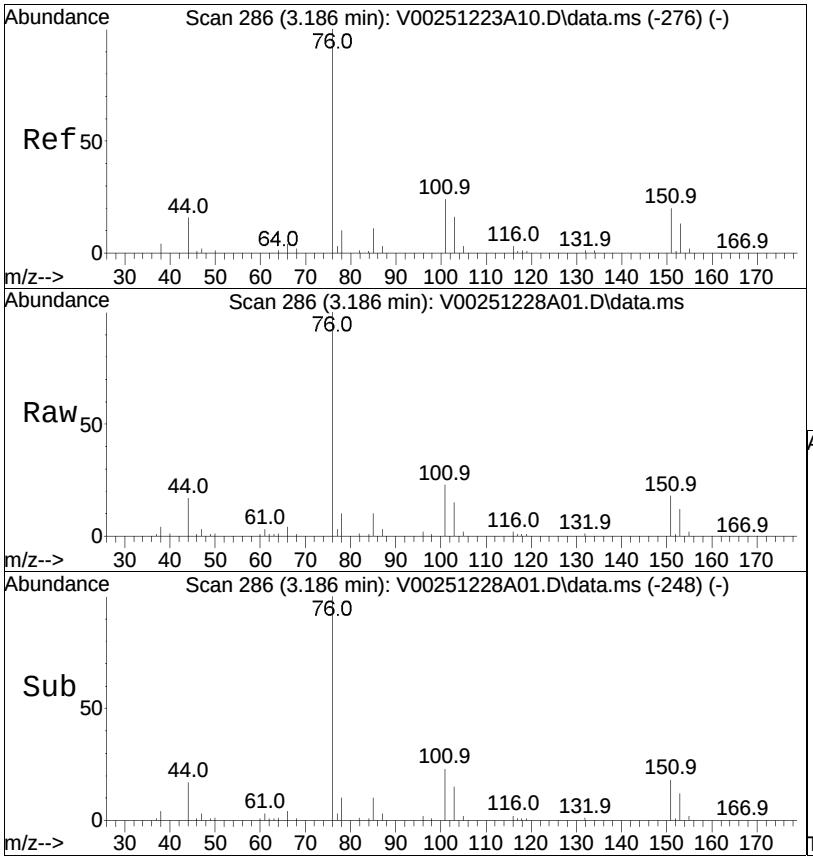


#10
1,1-Dichloroethene
Concen: 42.00 ug/L
RT: 3.150 min Scan# 279
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 96 Resp: 83820

Ion	Ratio	Lower	Upper
96	100		
61	170.6	149.4	224.2
63	54.6	47.0	70.6

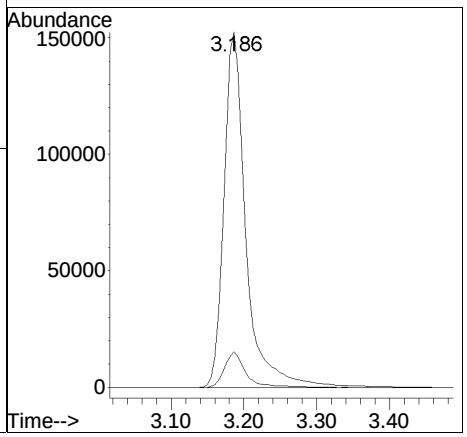


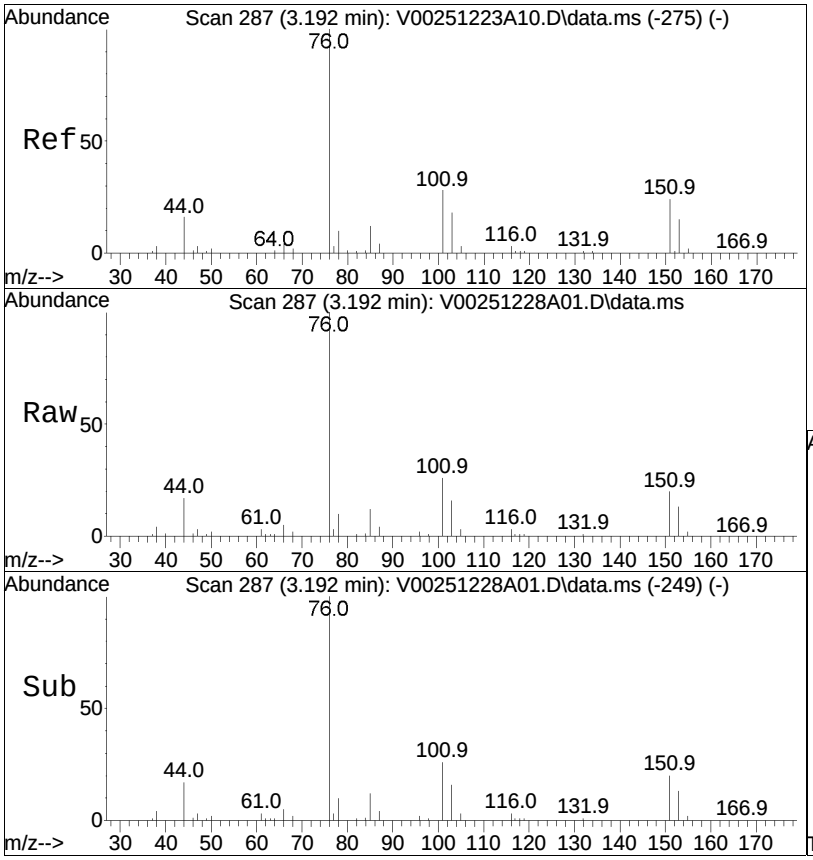


#11
Carbon disulfide
Concen: 39.48 ug/L
RT: 3.186 min Scan# 286
Delta R.T. 0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 76 Resp: 319616

Ion	Ratio	Lower	Upper
76	100		
78	9.7	6.4	13.4

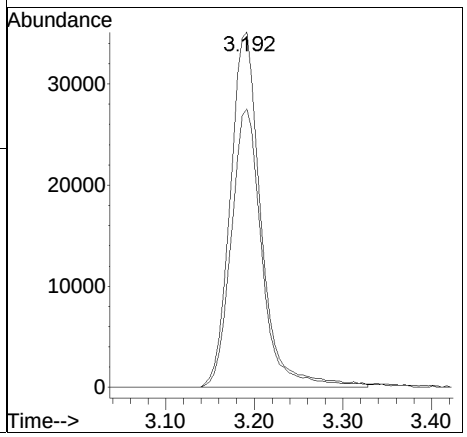


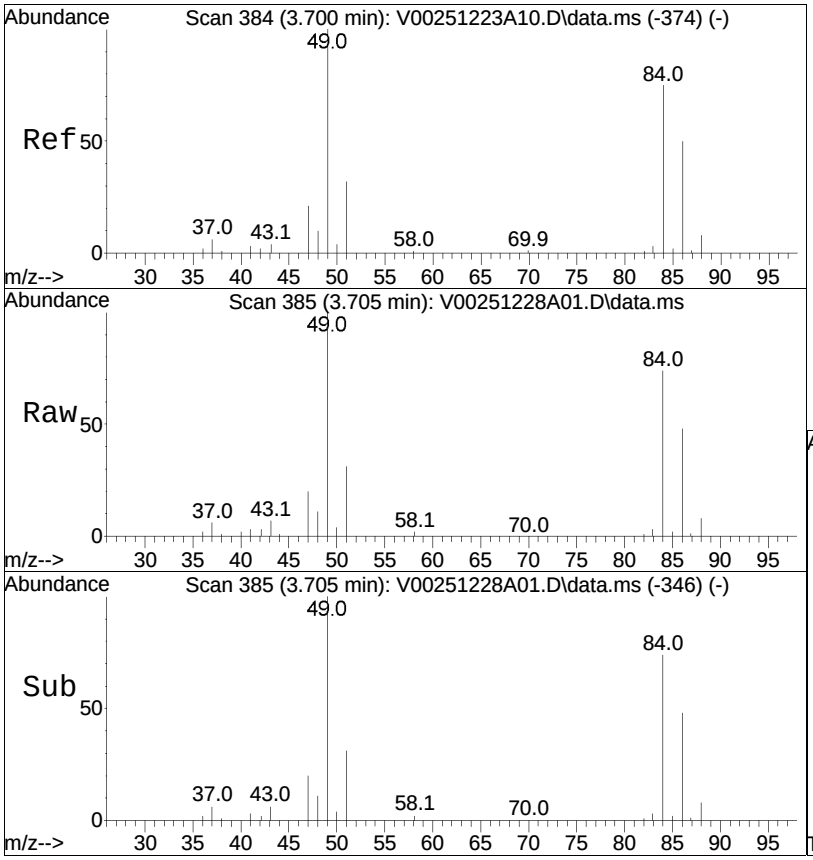


#12
Freon-113
Concen: 42.77 ug/L
RT: 3.192 min Scan# 287
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:101 Resp: 85038

Ion	Ratio	Lower	Upper
101	100		
151	77.9	58.9	88.3

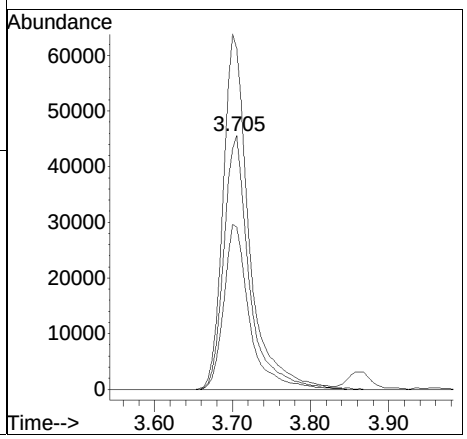


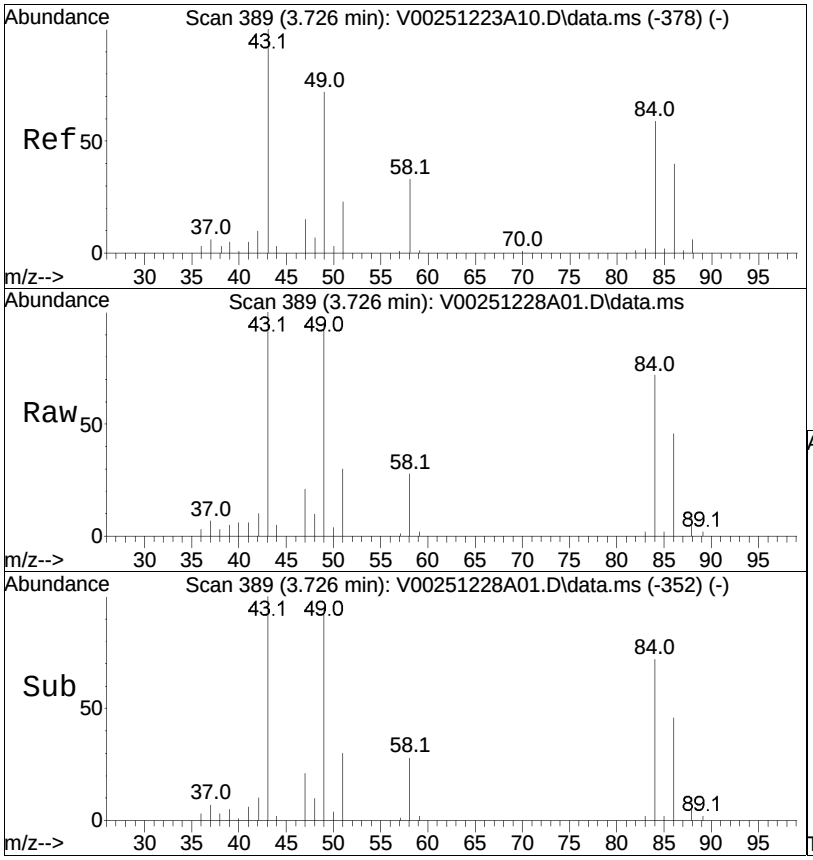


#15
Methylene chloride
Concen: 42.13 ug/L
RT: 3.705 min Scan# 385
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 84 Resp: 104114

Ion	Ratio	Lower	Upper
84	100		
86	65.3	39.6	82.2
49	141.3	72.7	150.9

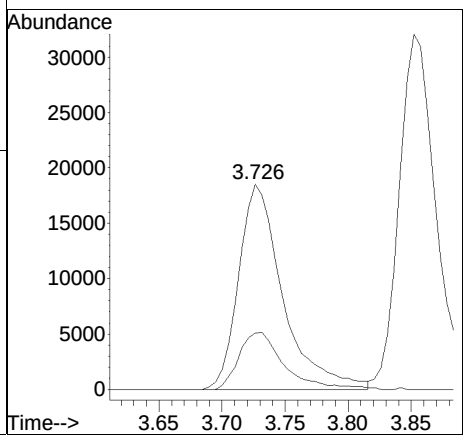


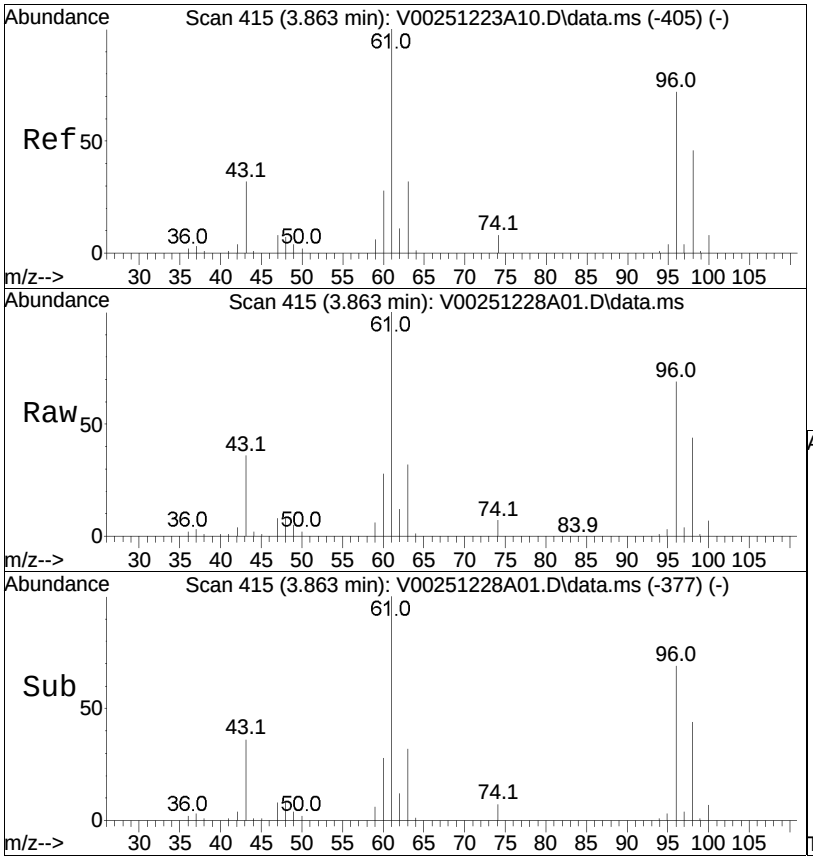


#17
Acetone
Concen: 40.67 ug/L
RT: 3.726 min Scan# 389
Delta R.T. -0.006 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 43 Resp: 45221

Ion	Ratio	Lower	Upper
43	100		
58	28.5	27.2	40.8

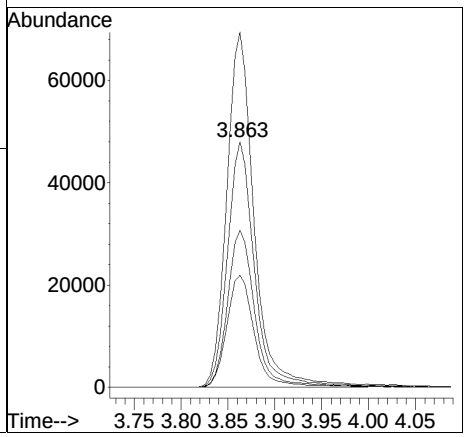


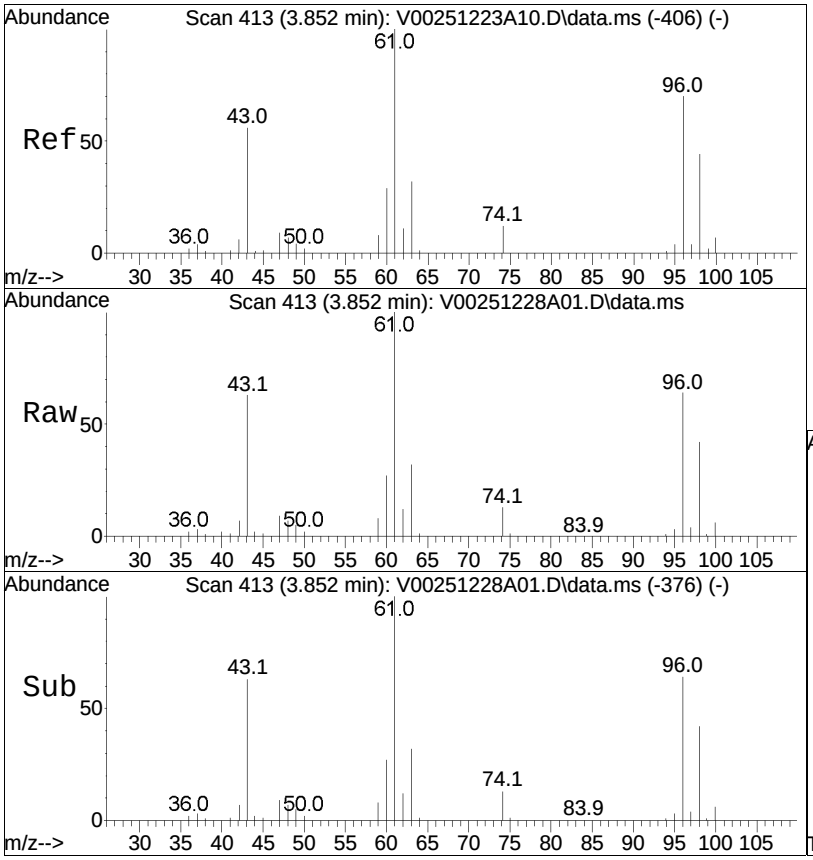


#18
trans-1,2-Dichloroethene
Concen: 42.56 ug/L
RT: 3.863 min Scan# 415
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 96 Resp: 97475

Ion	Ratio	Lower	Upper
96	100		
61	146.1	96.5	200.5
98	64.5	40.6	84.2
63	45.8	30.2	62.8

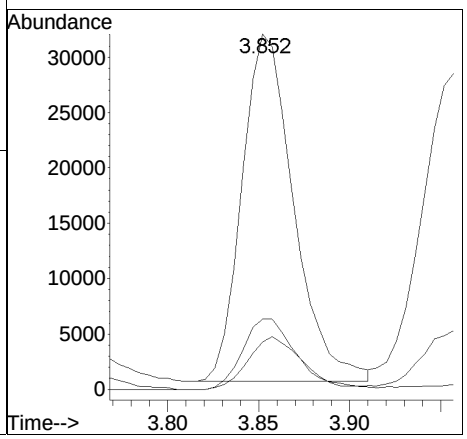


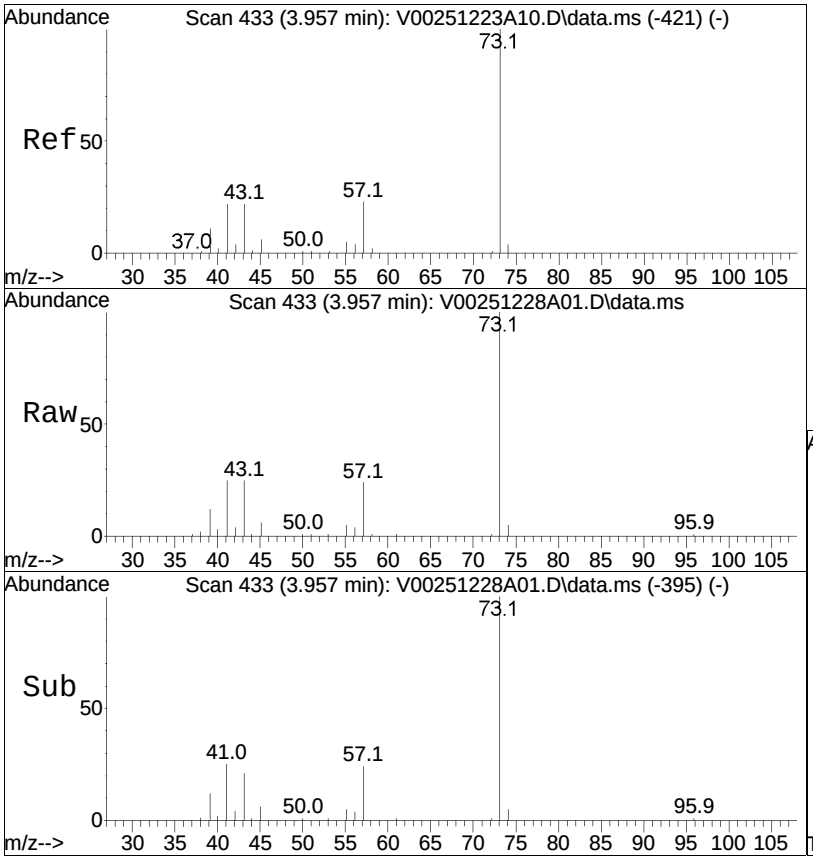


#19
Methyl acetate
Concen: 41.80 ug/L
RT: 3.852 min Scan# 413
Delta R.T. -0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 43 Resp: 62082

Ion	Ratio	Lower	Upper
43	100		
74	20.9	22.7	34.1#
59	16.0	22.9	34.3#

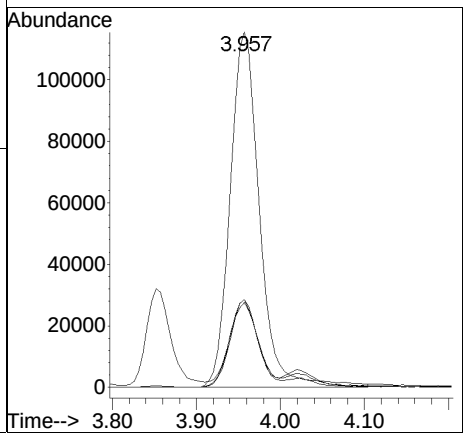


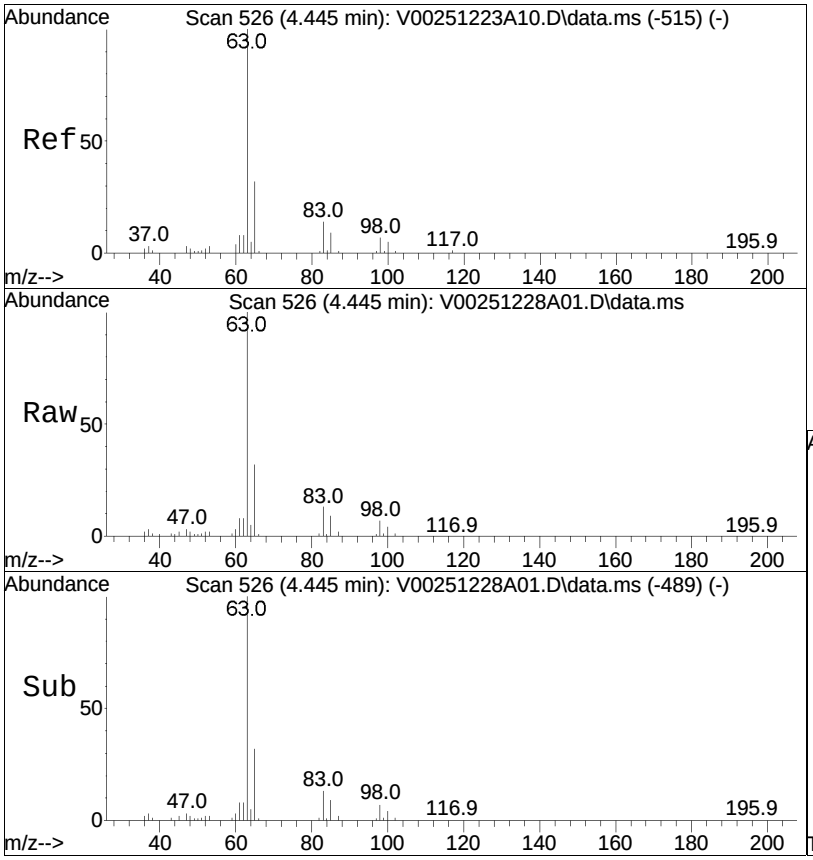


#20
Methyl tert-butyl ether
Concen: 44.11 ug/L
RT: 3.957 min Scan# 433
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 73 Resp: 282158

Ion	Ratio	Lower	Upper
73	100		
57	23.0	14.7	30.5
43	23.3	12.5	26.1
41	23.8	11.6	24.0

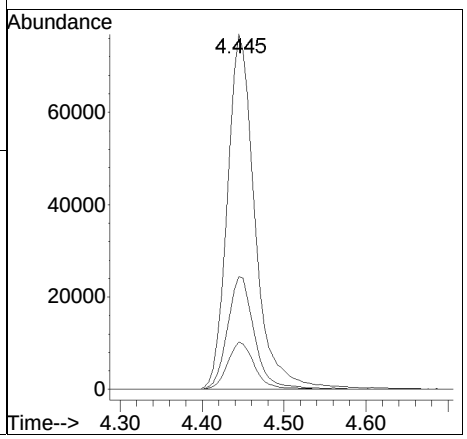


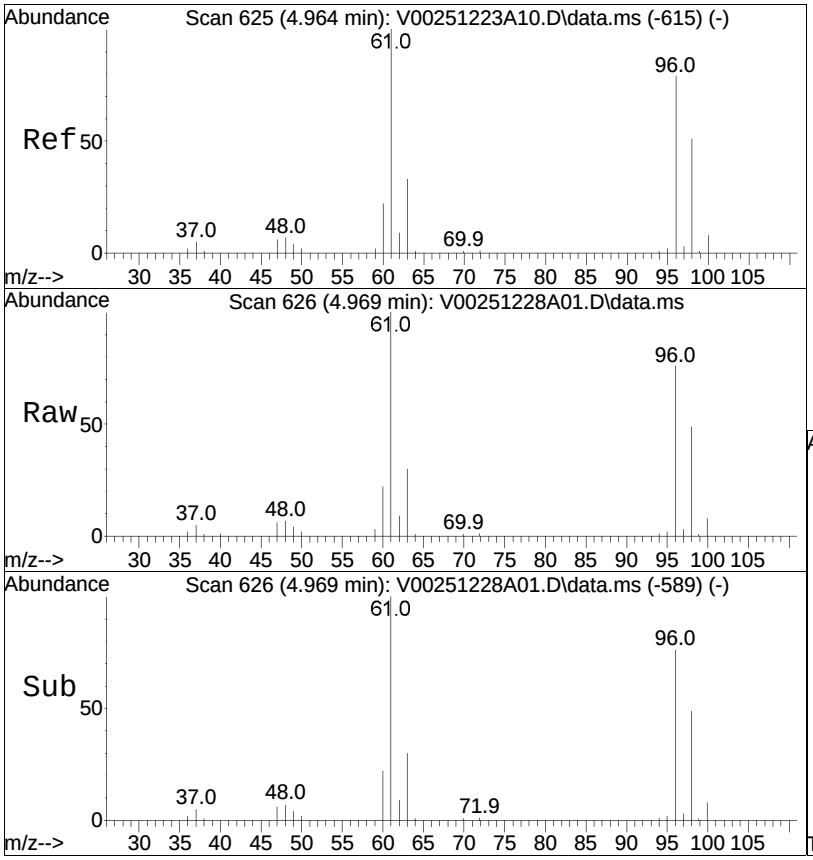


#23
1,1-Dichloroethane
Concen: 44.10 ug/L
RT: 4.445 min Scan# 526
Delta R.T. -0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 63 Resp: 180958

Ion	Ratio	Lower	Upper
63	100		
65	30.9	10.4	50.4
83	13.0	0.0	32.6

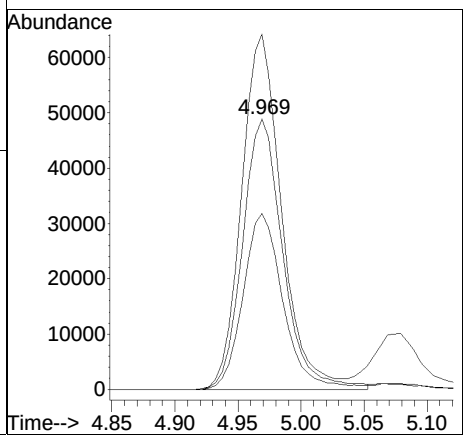


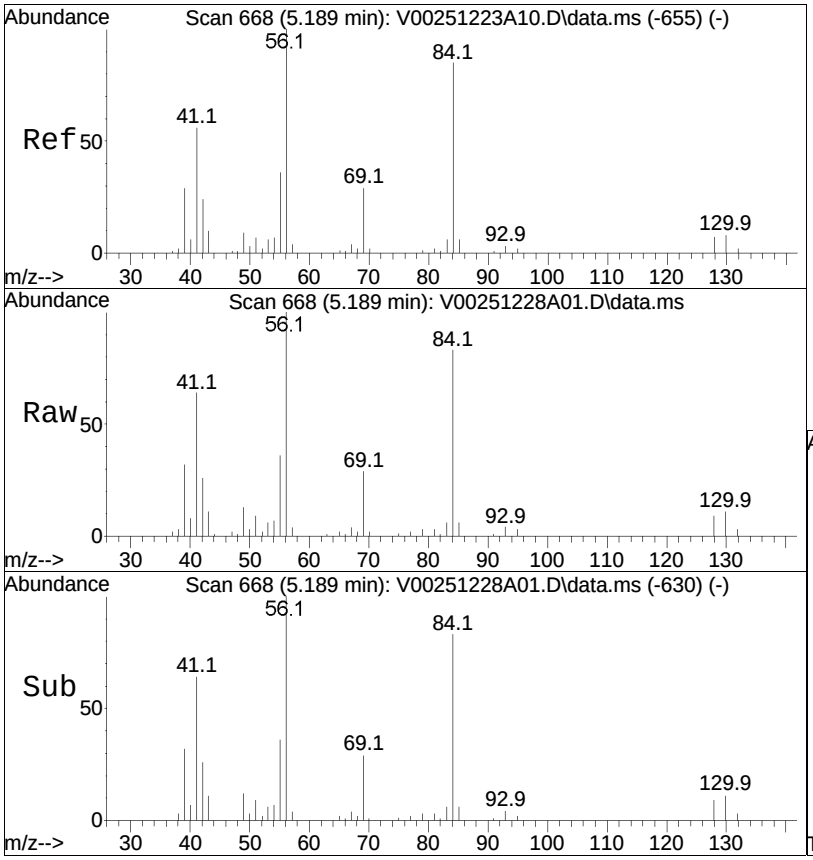


#28
cis-1,2-Dichloroethene
Concen: 42.76 ug/L
RT: 4.969 min Scan# 626
Delta R.T. -0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 96 Resp: 108522

Ion	Ratio	Lower	Upper
96	100		
61	130.2	107.8	161.8
98	64.6	51.4	77.0

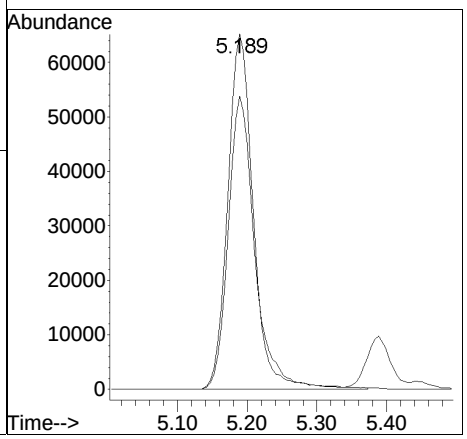


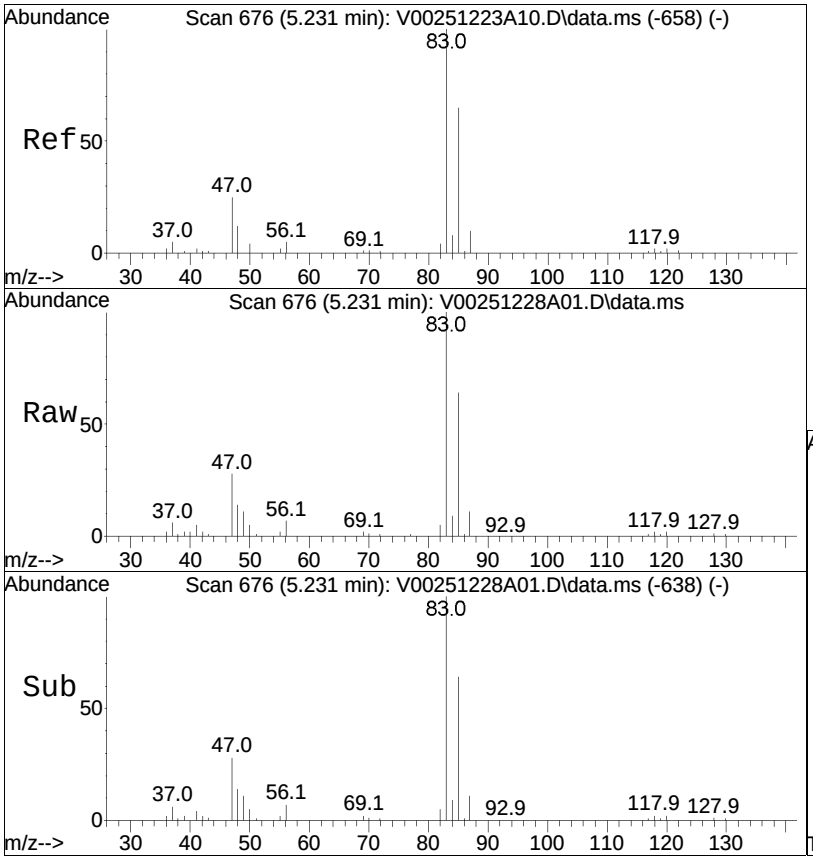


#32
Cyclohexane
Concen: 45.58 ug/L
RT: 5.189 min Scan# 668
Delta R.T. 0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 56 Resp: 166937

Ion	Ratio	Lower	Upper
56	100		
84	85.7	60.3	125.1

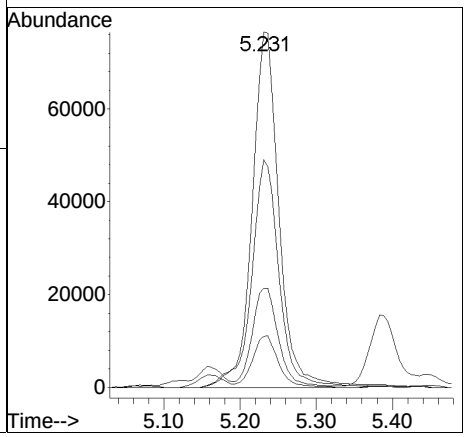


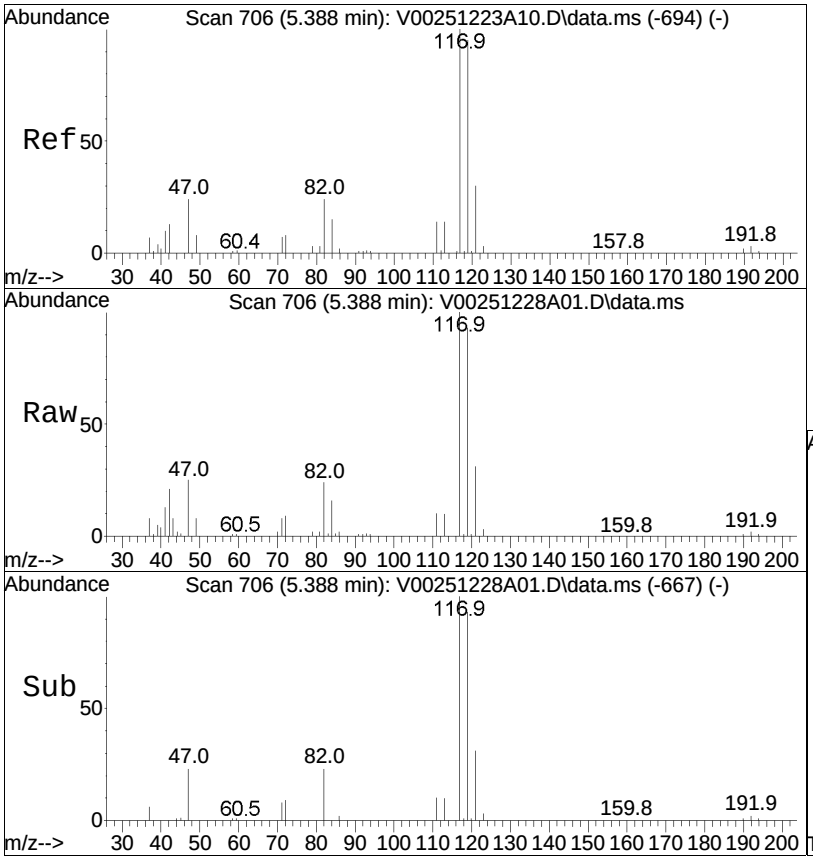


#33
Chloroform
Concen: 42.94 ug/L
RT: 5.231 min Scan# 676
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 83 Resp: 187945

Ion	Ratio	Lower	Upper
83	100		
85	65.8	43.3	89.9
47	26.4	14.4	29.8
48	14.0	7.5	15.7

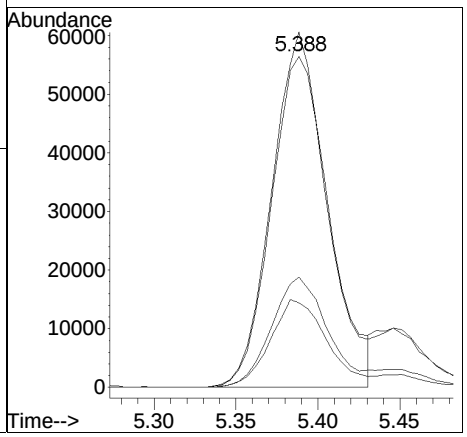


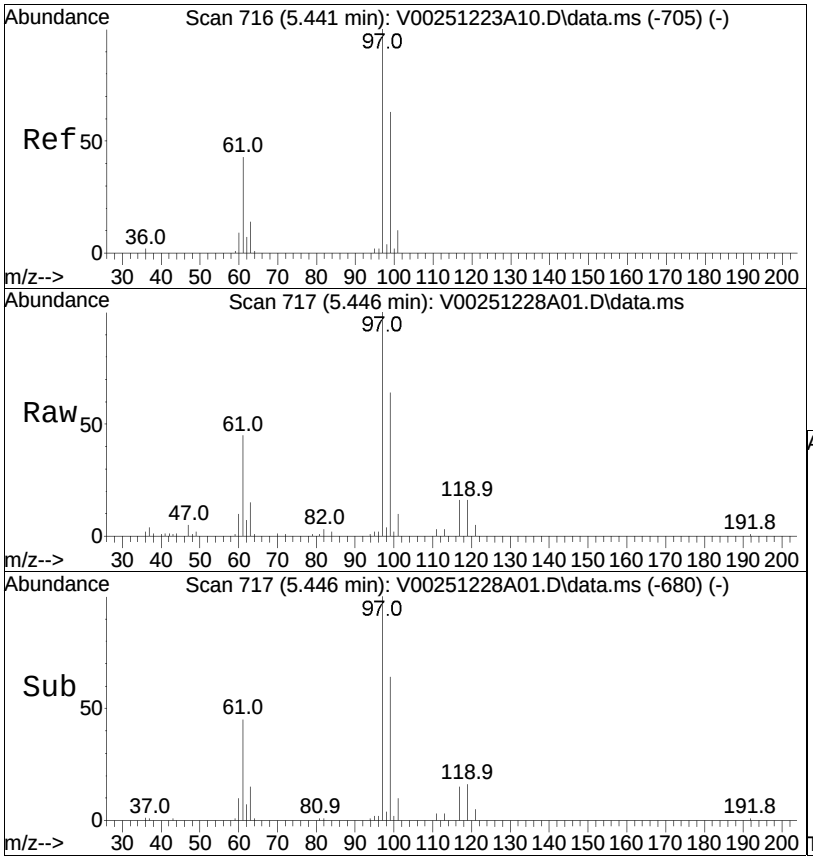


#35
Carbon tetrachloride
Concen: 41.74 ug/L
RT: 5.388 min Scan# 706
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:117 Resp: 143343

Ion	Ratio	Lower	Upper
117	100		
119	95.7	62.7	130.3
121	32.1	20.5	42.7
82	25.1	17.4	36.2

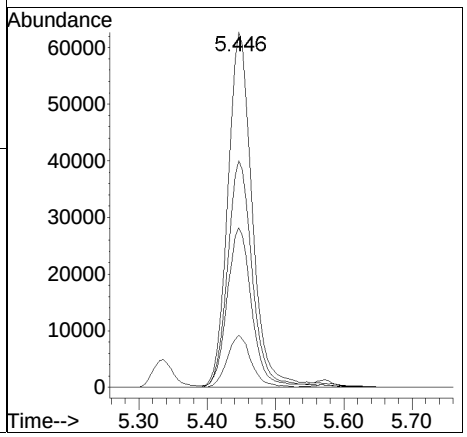


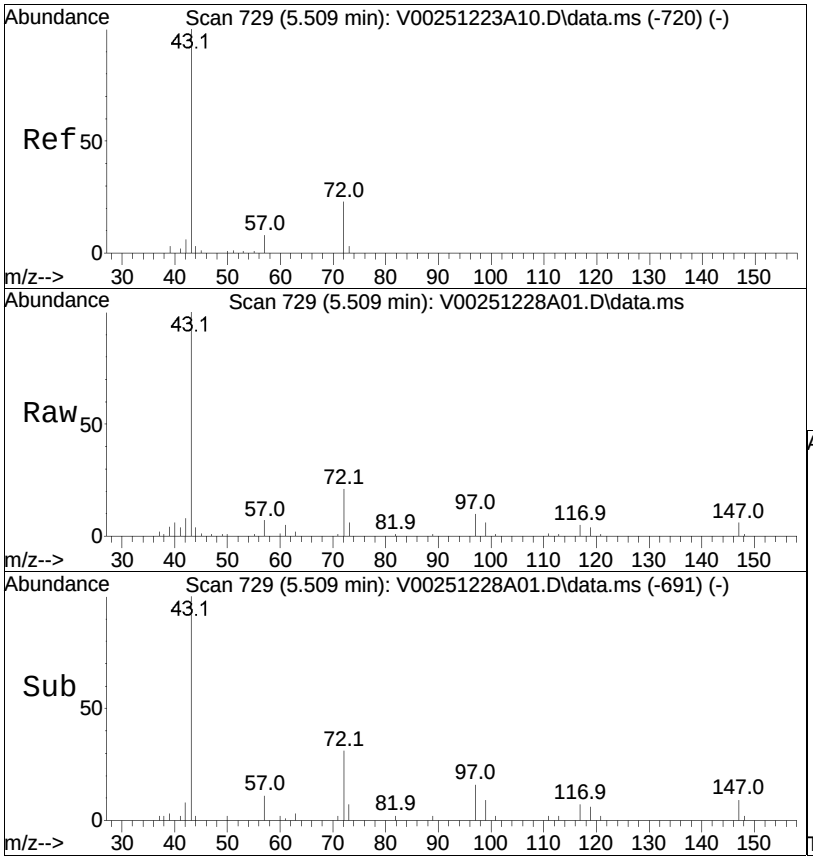


#38
1,1,1-Trichloroethane
Concen: 44.66 ug/L
RT: 5.446 min Scan# 717
Delta R.T. -0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 97 Resp: 157825

Ion	Ratio	Lower	Upper
97	100		
99	63.7	41.5	86.3
61	44.8	30.6	63.6
63	14.4	9.9	20.5

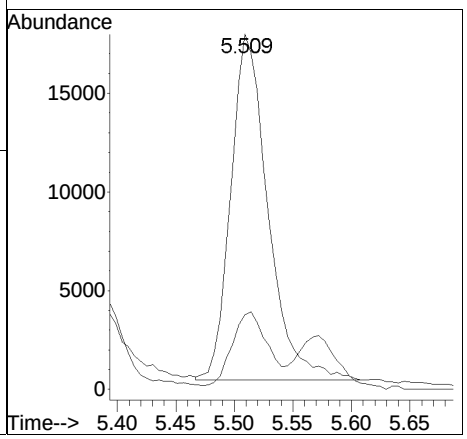


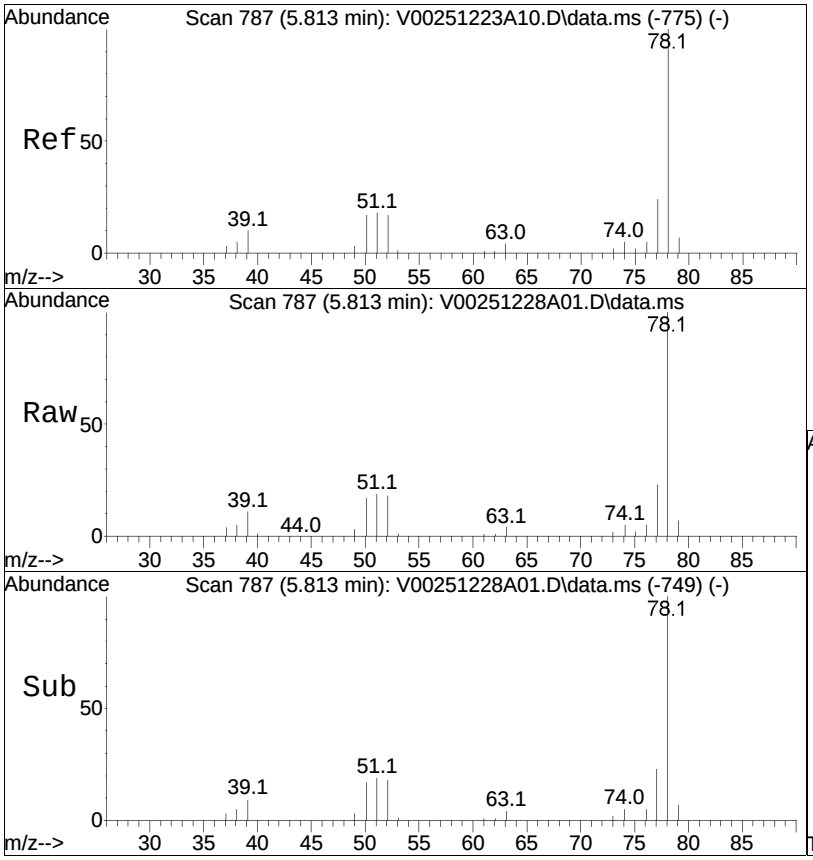


#40
2-Butanone
Concen: 40.48 ug/L
RT: 5.509 min Scan# 729
Delta R.T. 0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 43 Resp: 38722

Ion	Ratio	Lower	Upper
43	100		
72	21.9	19.4	29.0

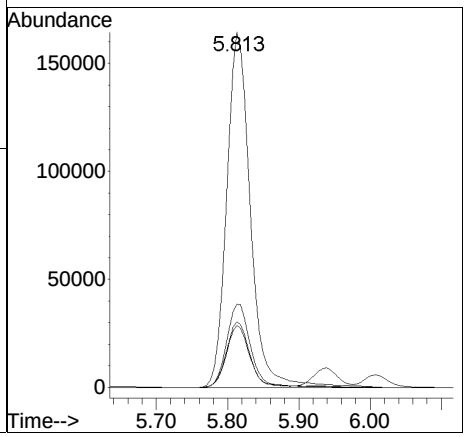


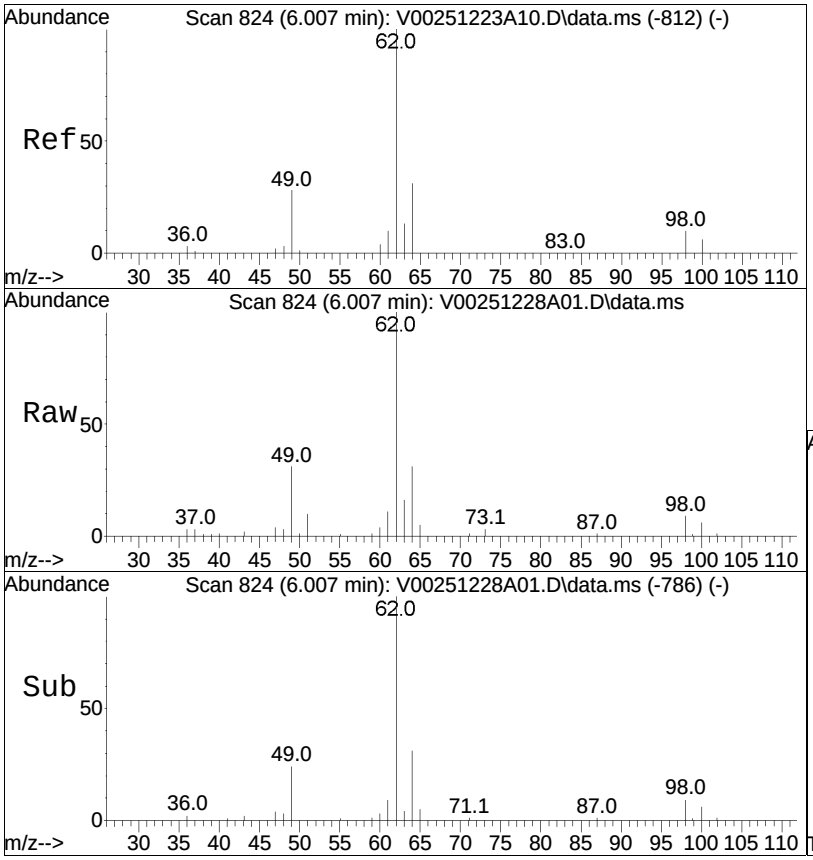


#42
Benzene
Concen: 45.01 ug/L
RT: 5.813 min Scan# 787
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 78 Resp: 380723

Ion	Ratio	Lower	Upper
78	100		
77	23.8	15.6	32.4
51	18.1	10.2	21.2
52	17.2	9.6	19.8

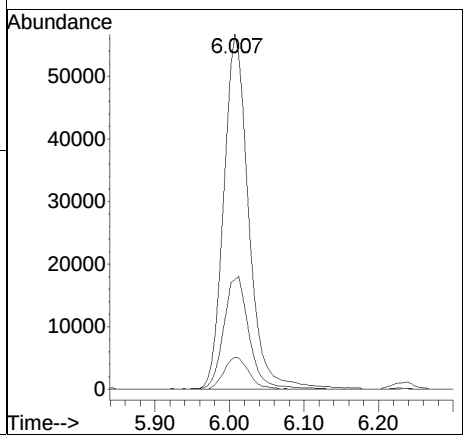


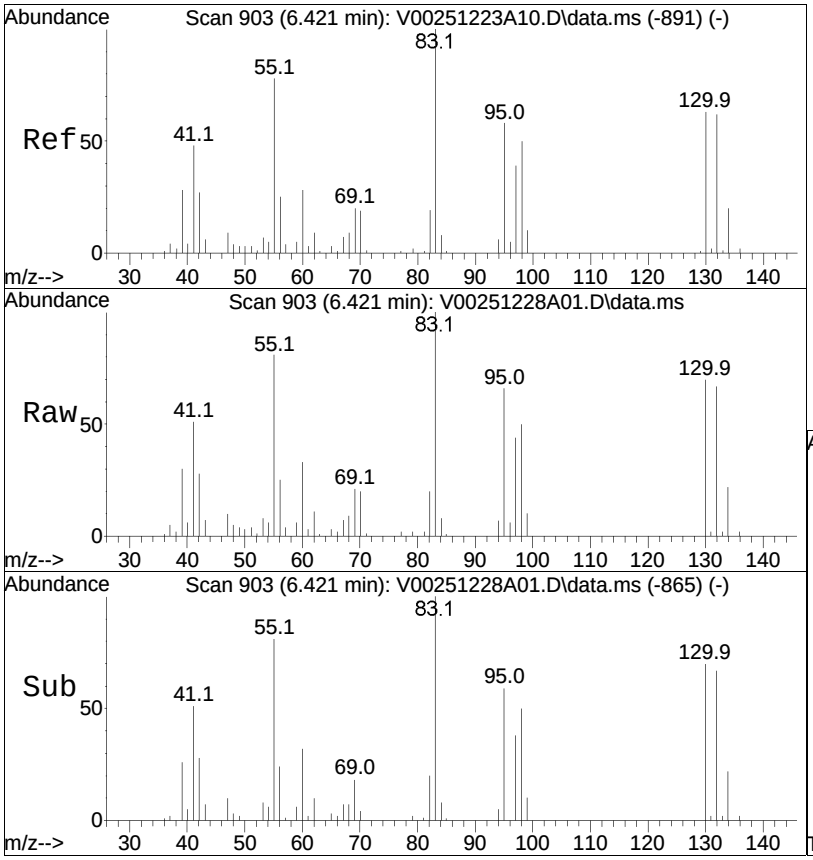


#45
1,2-Dichloroethane
Concen: 43.85 ug/L
RT: 6.007 min Scan# 824
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 62 Resp: 132594

Ion	Ratio	Lower	Upper
62	100		
64	32.5	12.6	52.6
98	9.1	0.0	28.7

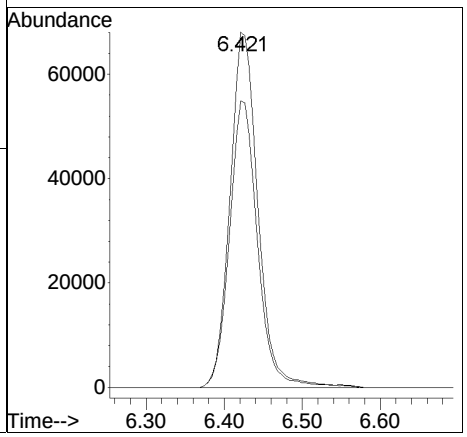


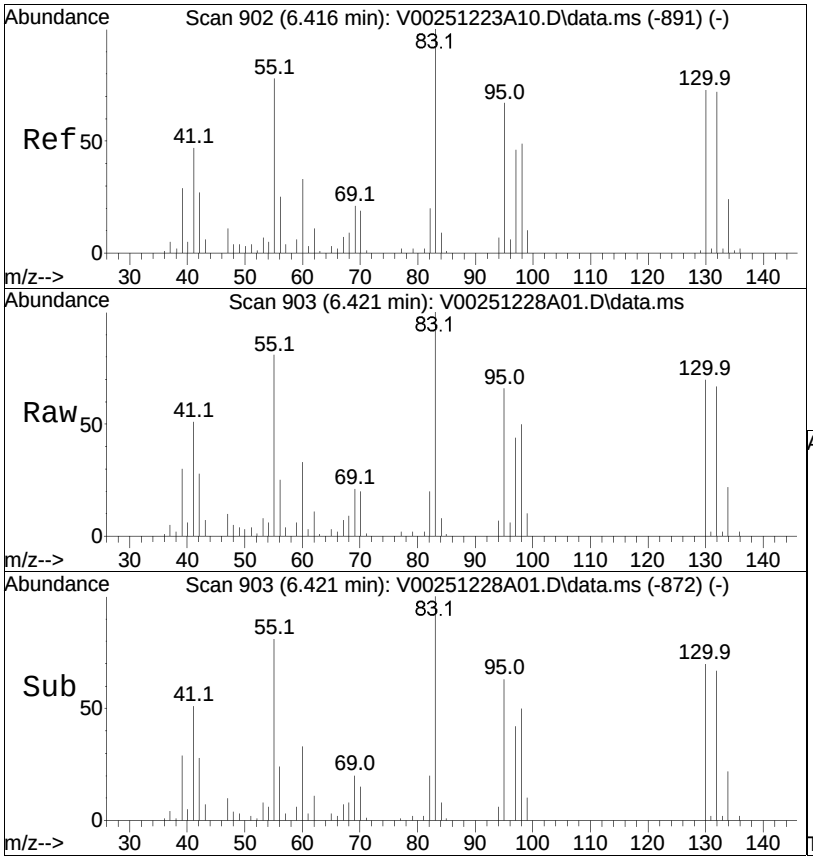


#48
Methyl cyclohexane
Concen: 44.32 ug/L
RT: 6.421 min Scan# 903
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 83 Resp: 169857

Ion	Ratio	Lower	Upper
83	100		
55	80.6	60.0	90.0

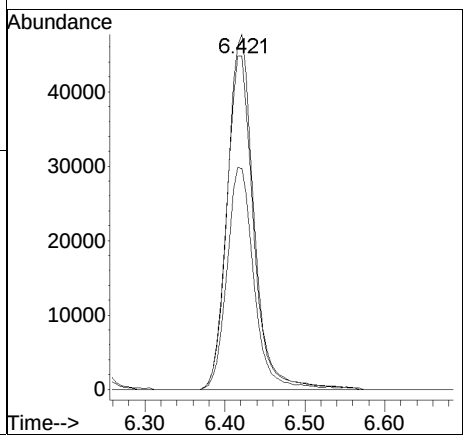


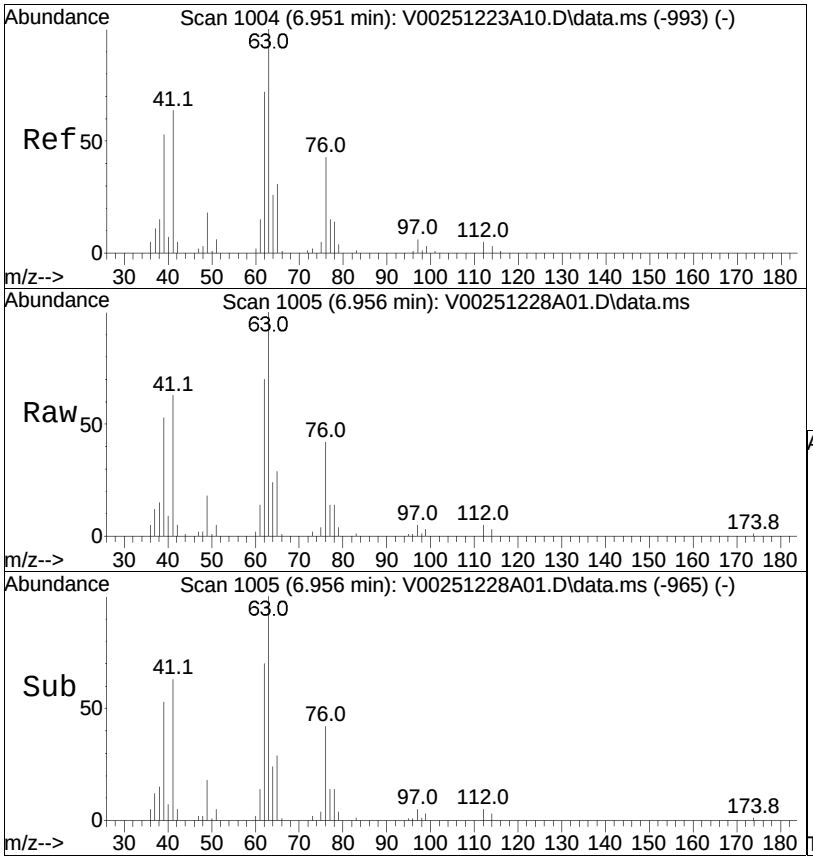


#49
Trichloroethene
Concen: 44.73 ug/L
RT: 6.421 min Scan# 903
Delta R.T. 0.010 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 95 Resp: 104458

Ion	Ratio	Lower	Upper
95	100		
97	66.8	54.2	81.4
130	105.3	77.0	115.6

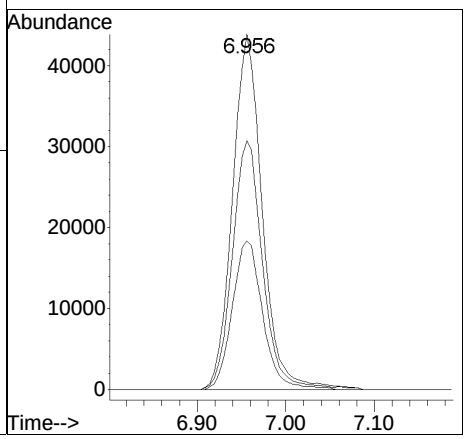


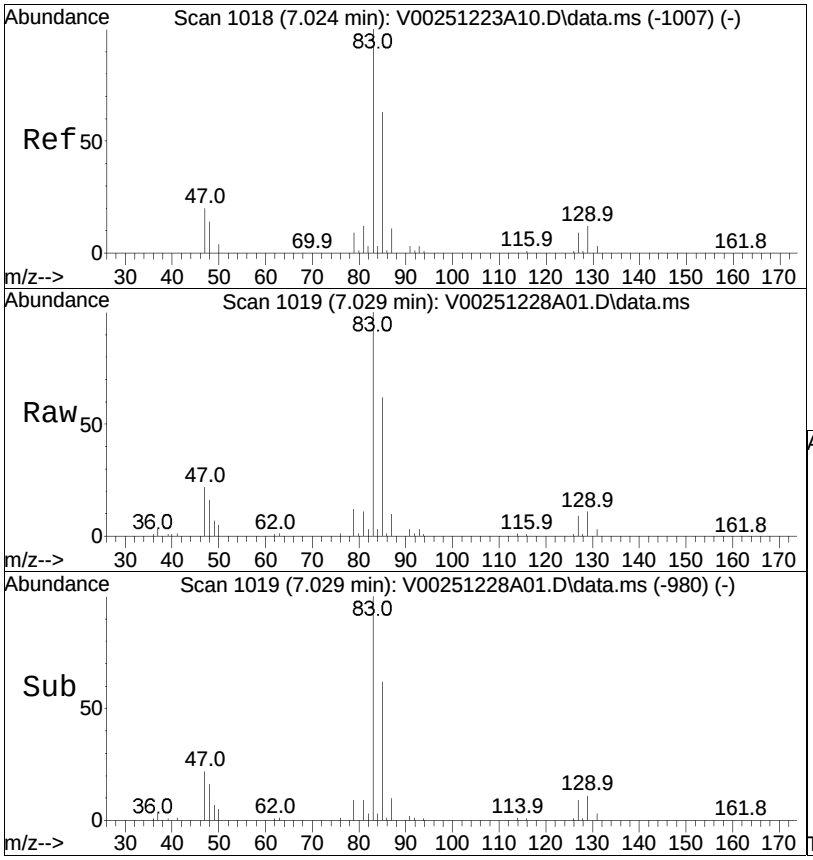


#52
1,2-Dichloropropane
Concen: 45.20 ug/L
RT: 6.956 min Scan# 1005
Delta R.T. 0.010 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 63 Resp: 102491

Ion	Ratio	Lower	Upper
63	100		
62	71.3	57.8	86.8
76	42.7	34.0	51.0

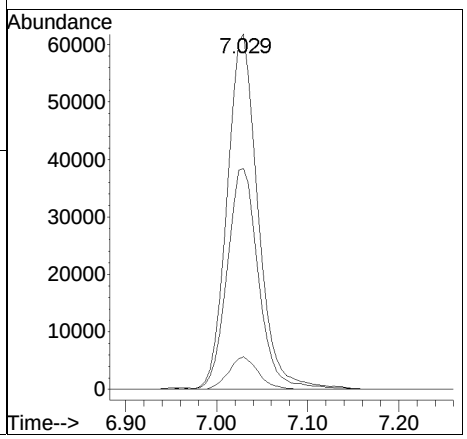


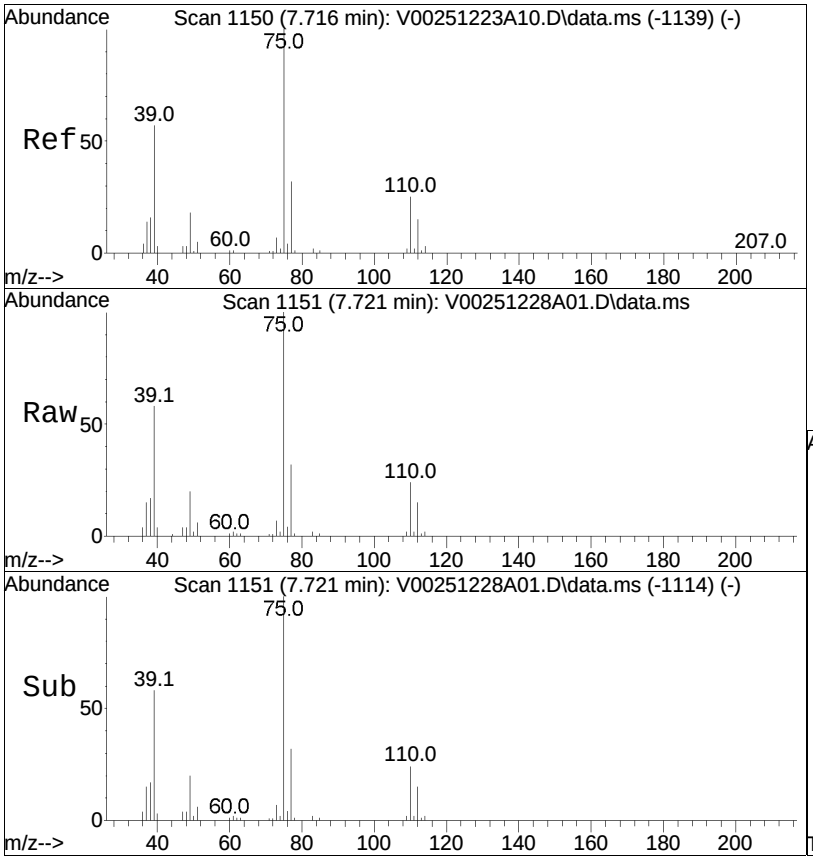


#55
Bromodichloromethane
Concen: 44.23 ug/L
RT: 7.029 min Scan# 1019
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 83 Resp: 146353

Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.9	76.3
127	8.8	6.6	9.8

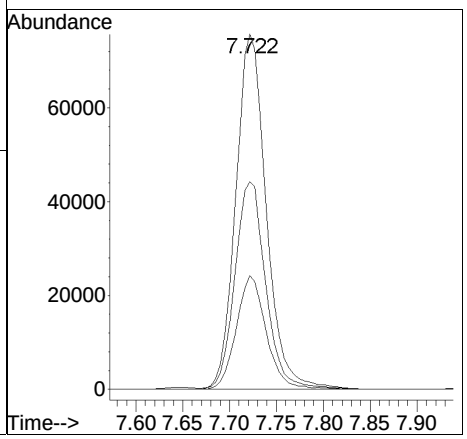


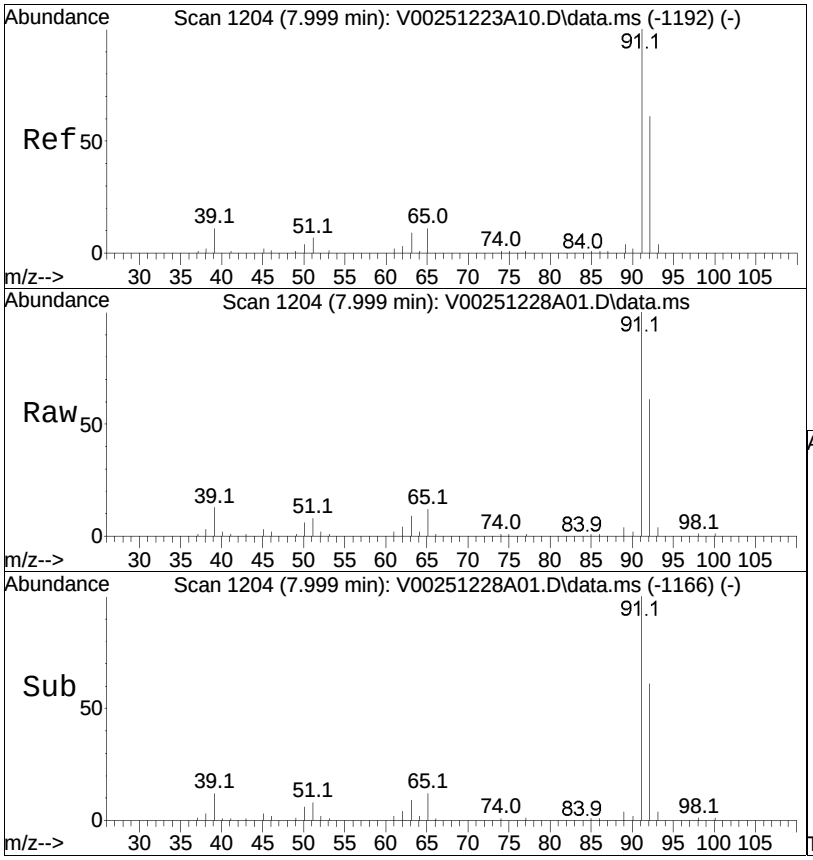


#59
cis-1,3-Dichloropropene
Concen: 45.31 ug/L
RT: 7.721 min Scan# 1151
Delta R.T. -0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 75 Resp: 171885

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.7	38.5
39	59.1	32.3	48.5#

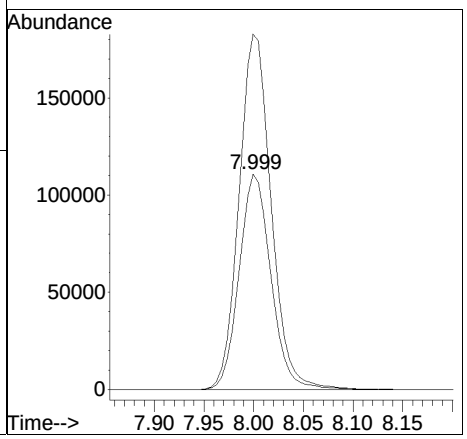


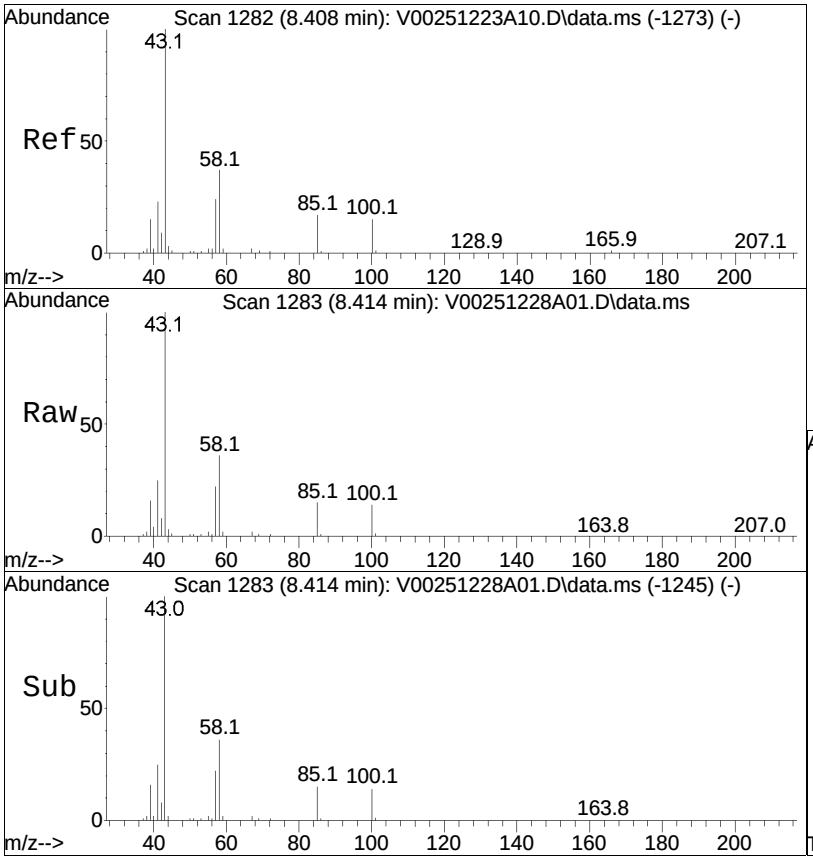


#62
Toluene
Concen: 38.97 ug/L
RT: 7.999 min Scan# 1204
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 92 Resp: 246497

Ion	Ratio	Lower	Upper
92	100		
91	166.3	138.2	207.2

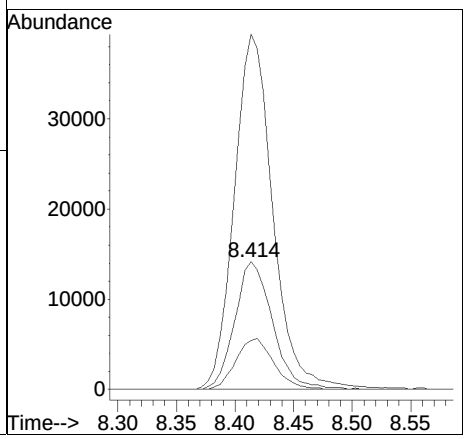


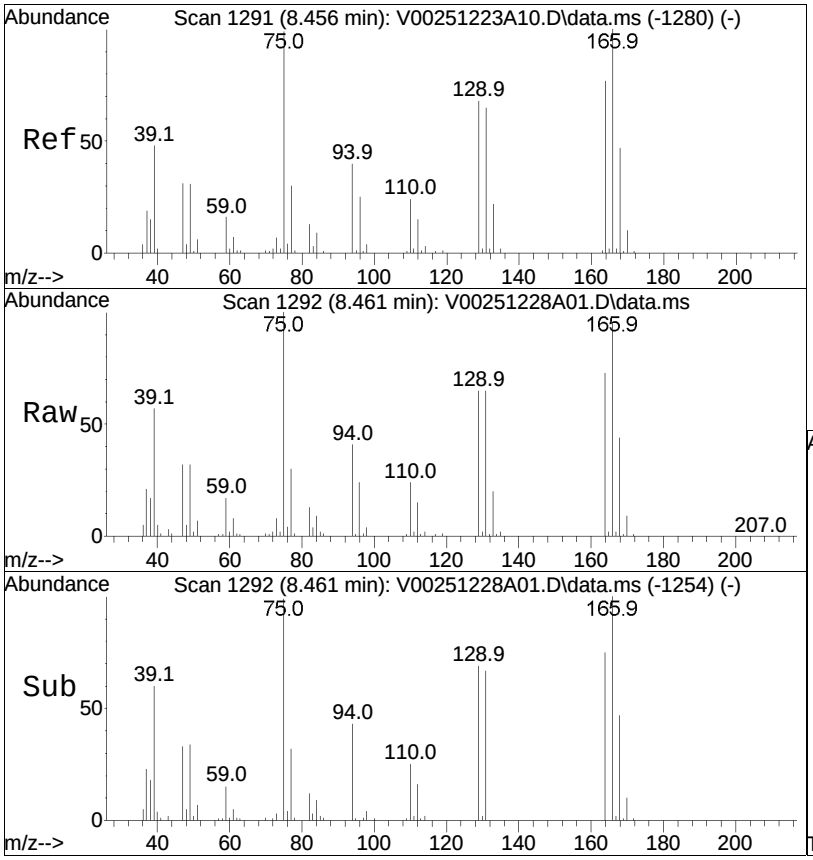


#63
4-Methyl-2-pentanone
Concen: 39.68 ug/L
RT: 8.414 min Scan# 1283
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 58 Resp: 31878

Ion	Ratio	Lower	Upper
58	100		
100	39.8	31.2	46.8
43	284.1	156.5	234.7#

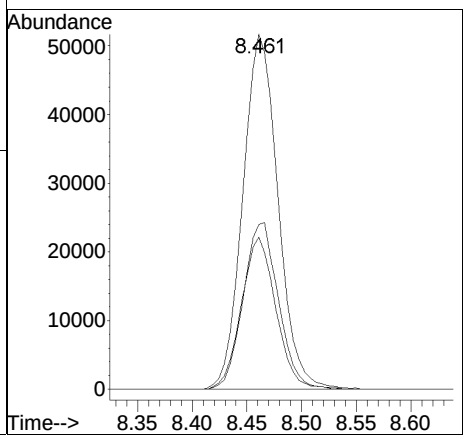


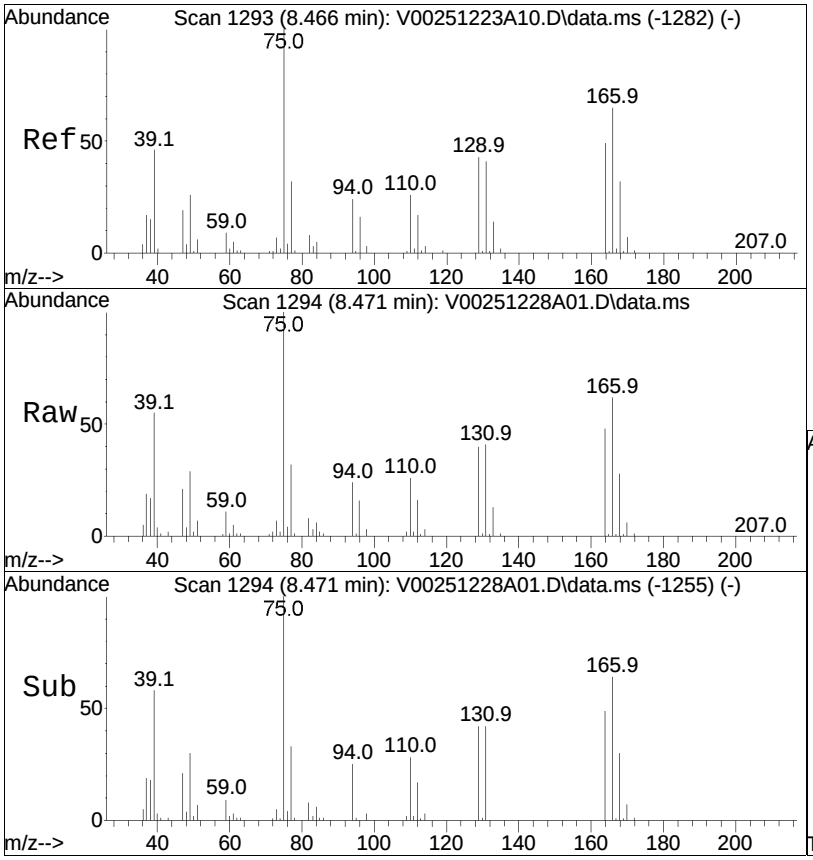


#64
Tetrachloroethene
Concen: 38.03 ug/L
RT: 8.461 min Scan# 1292
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:166 Resp: 116086

Ion	Ratio	Lower	Upper
166	100		
168	47.0	29.2	69.2
94	41.9	29.0	69.0

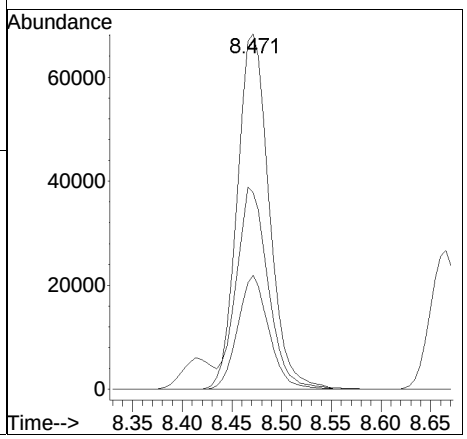


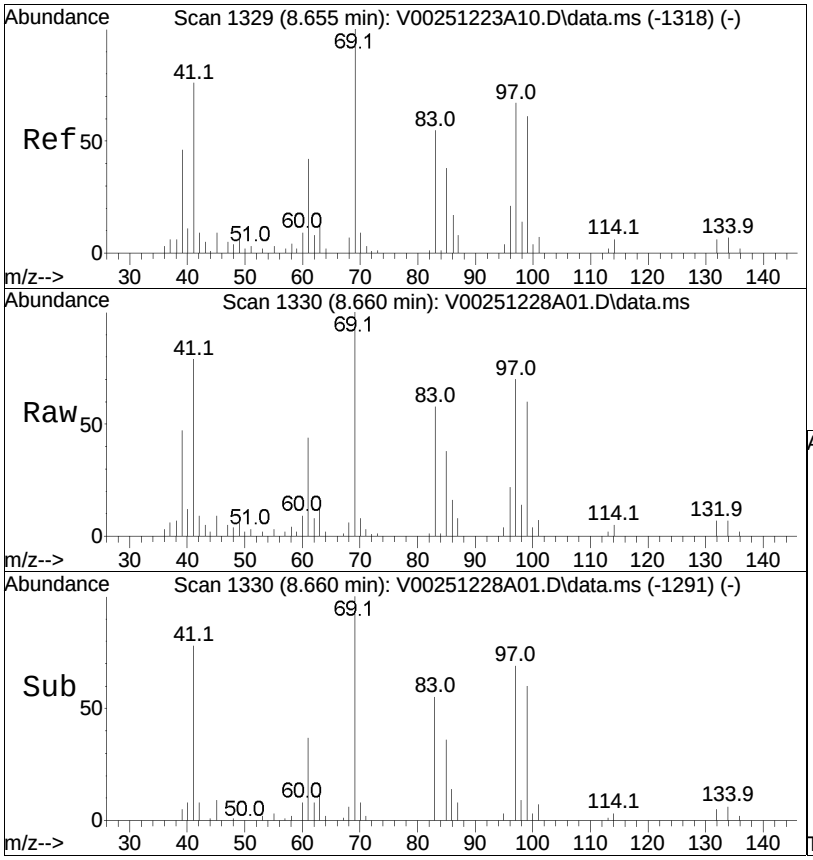


#66
trans-1,3-Dichloropropene
Concen: 39.76 ug/L
RT: 8.471 min Scan# 1294
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 75 Resp: 153547

Ion	Ratio	Lower	Upper
75	100		
77	31.3	11.8	51.8
39	56.5	23.7	63.7

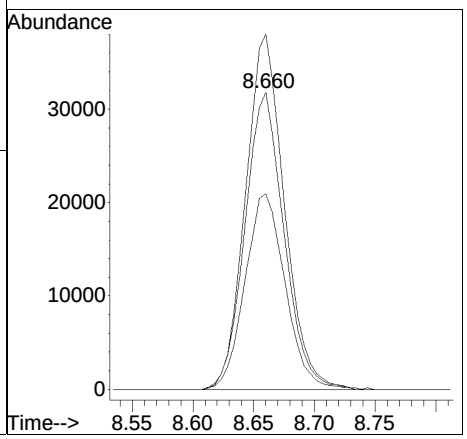


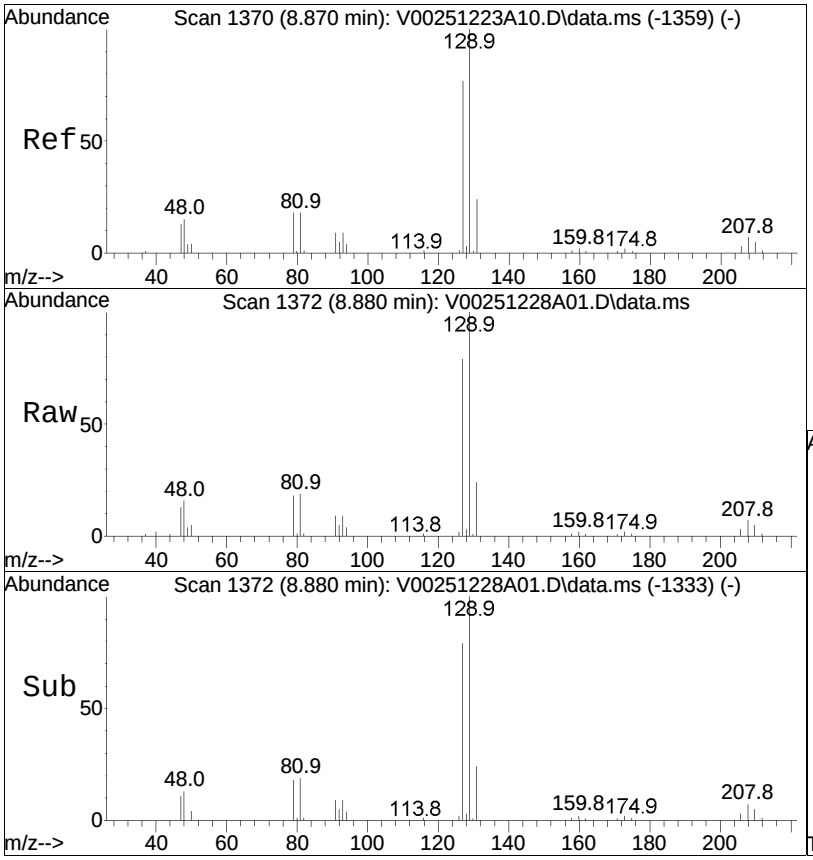


#69
1,1,2-Trichloroethane
Concen: 39.20 ug/L
RT: 8.660 min Scan# 1330
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 83 Resp: 71190

Ion	Ratio	Lower	Upper
83	100		
97	118.6	98.8	138.8
85	67.8	46.5	86.5

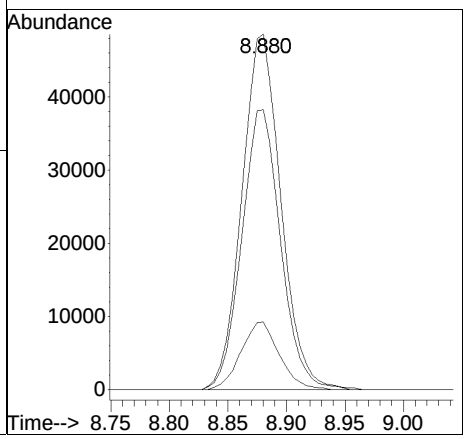


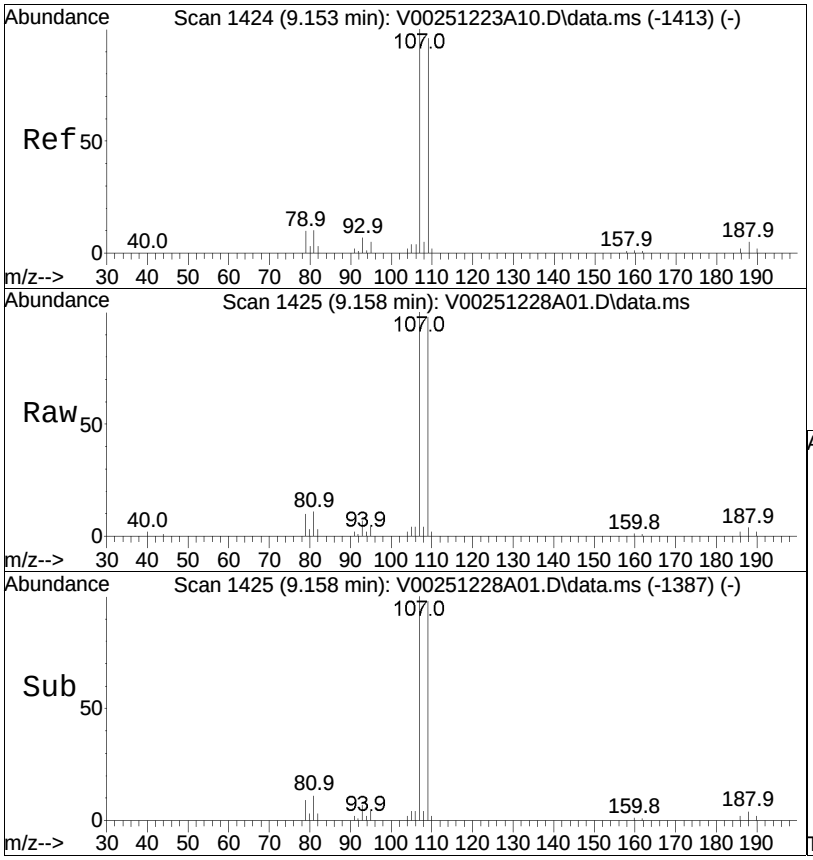


#70
Chlorodibromomethane
Concen: 38.23 ug/L
RT: 8.880 min Scan# 1372
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:129 Resp: 112464

Ion	Ratio	Lower	Upper
129	100		
81	18.5	0.1	40.1
127	78.1	58.4	98.4

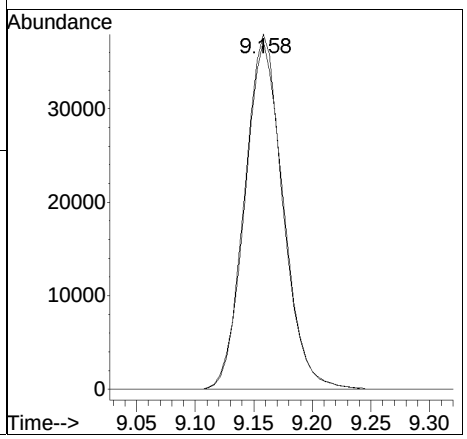


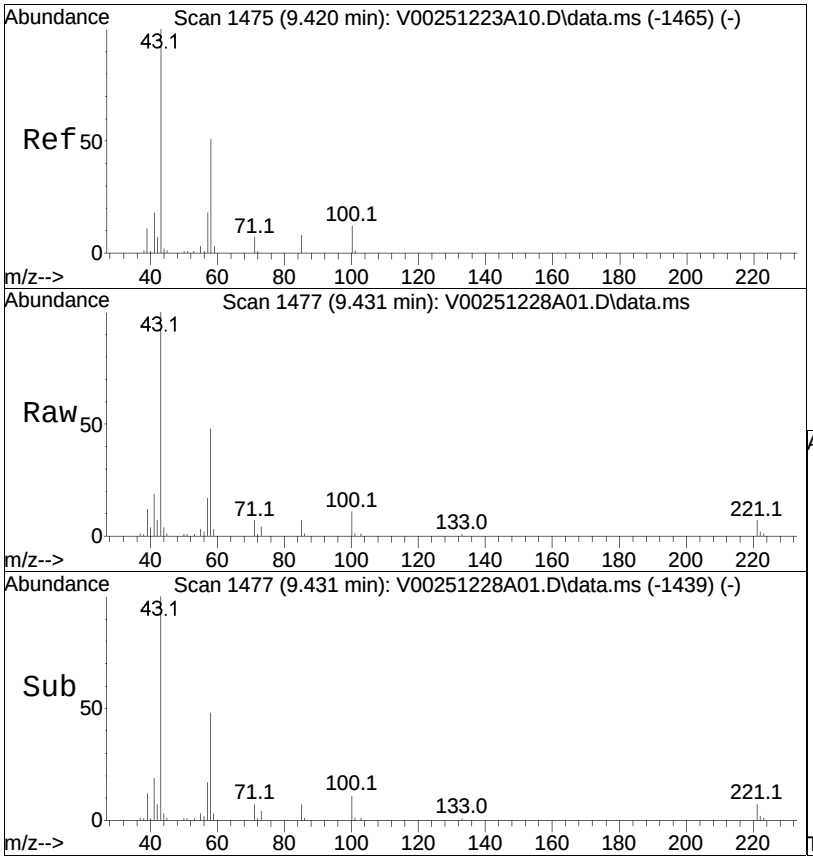


#72
1,2-Dibromoethane
Concen: 38.78 ug/L
RT: 9.158 min Scan# 1425
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:107 Resp: 87110

Ion	Ratio	Lower	Upper
107	100		
109	96.4	75.4	113.0

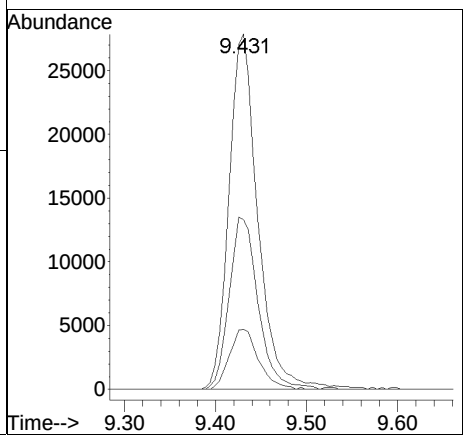


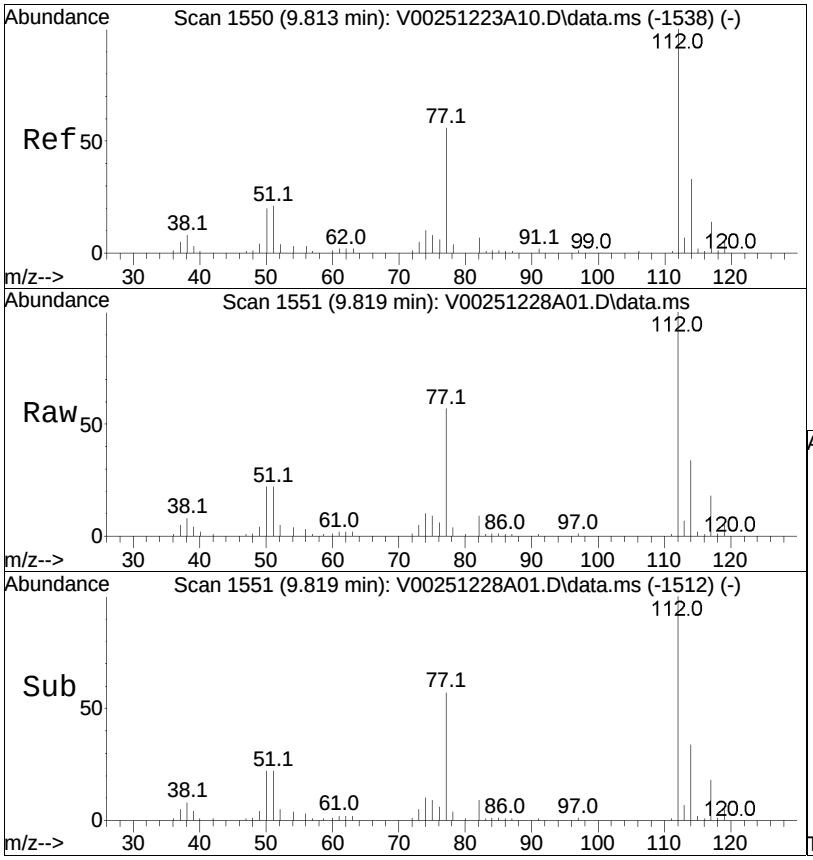


#73
2-Hexanone
Concen: 38.07 ug/L
RT: 9.431 min Scan# 1477
Delta R.T. 0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 43 Resp: 61797

Ion	Ratio	Lower	Upper
43	100		
58	48.4	54.2	81.4#
57	17.1	17.8	26.6#

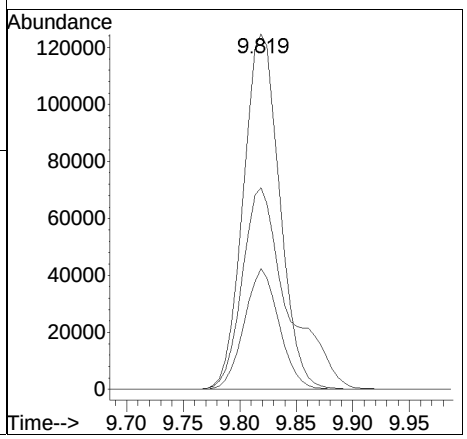


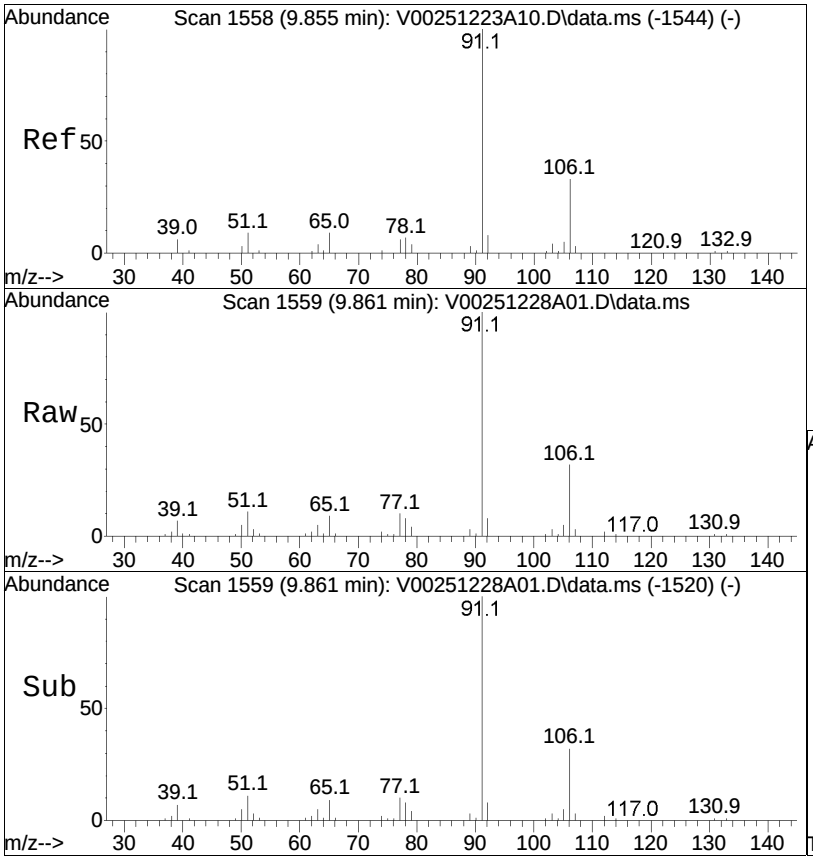


#74
Chlorobenzene
Concen: 38.69 ug/L
RT: 9.819 min Scan# 1551
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:112 Resp: 279627

Ion	Ratio	Lower	Upper
112	100		
77	70.9	57.9	86.9
114	32.6	25.7	38.5

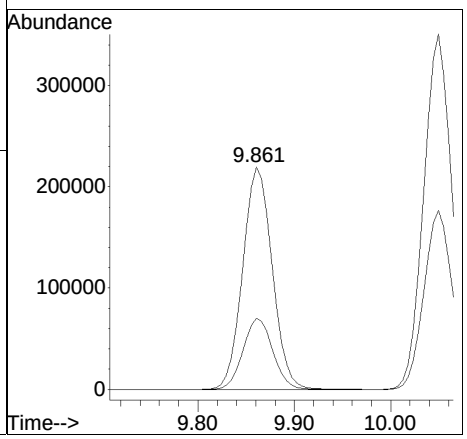


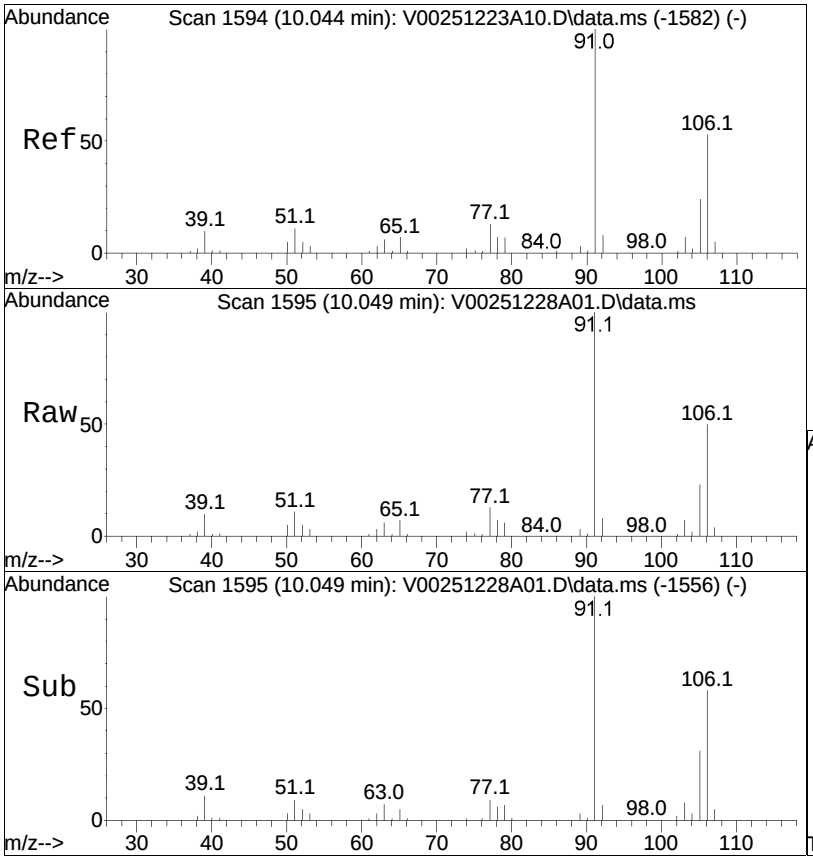


#75
Ethylbenzene
Concen: 38.95 ug/L
RT: 9.861 min Scan# 1559
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 91 Resp: 466789

Ion	Ratio	Lower	Upper
91	100		
106	32.1	25.1	37.7

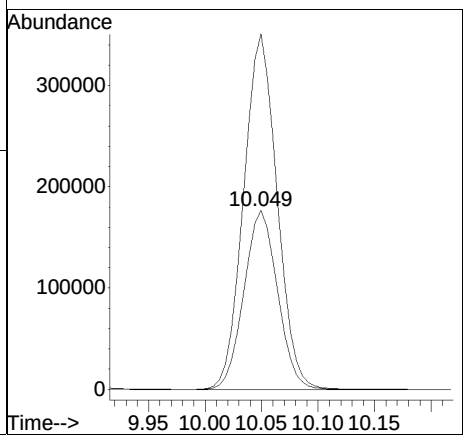


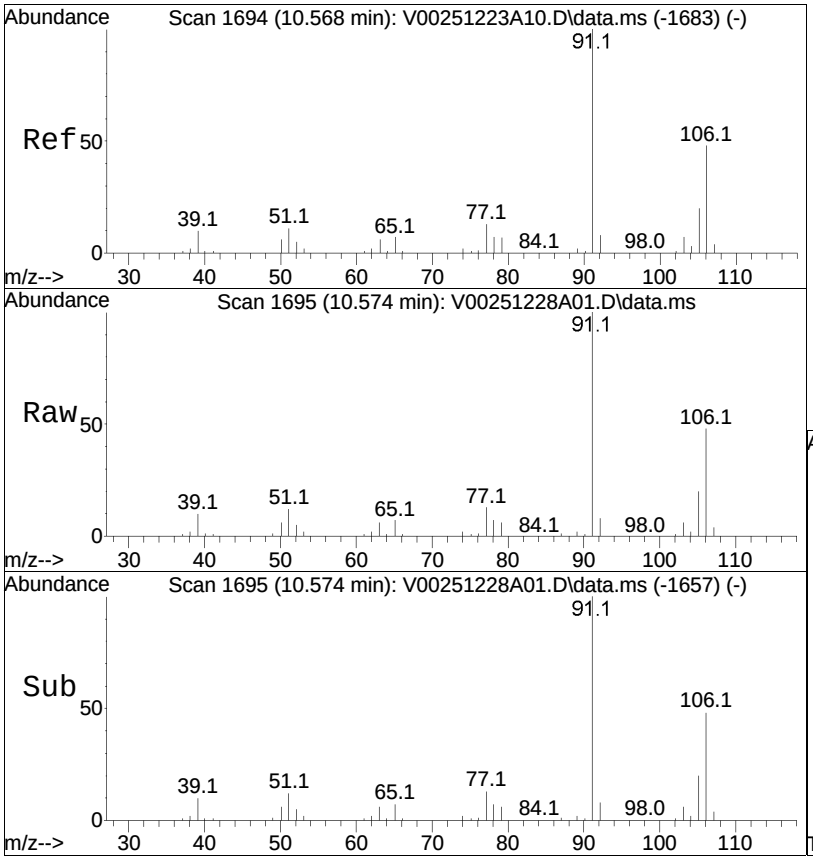


#77
p/m Xylene
Concen: 77.98 ug/L
RT: 10.049 min Scan# 1595
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:106 Resp: 365495

Ion	Ratio	Lower	Upper
106	100		
91	197.7	159.5	239.3

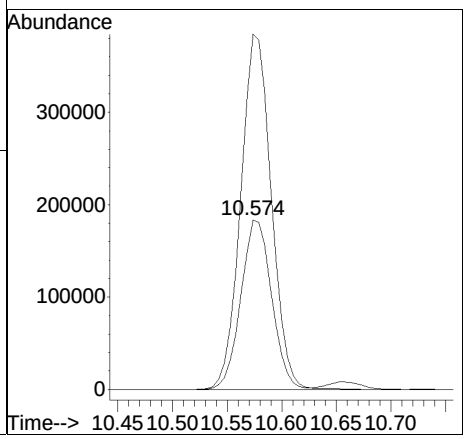


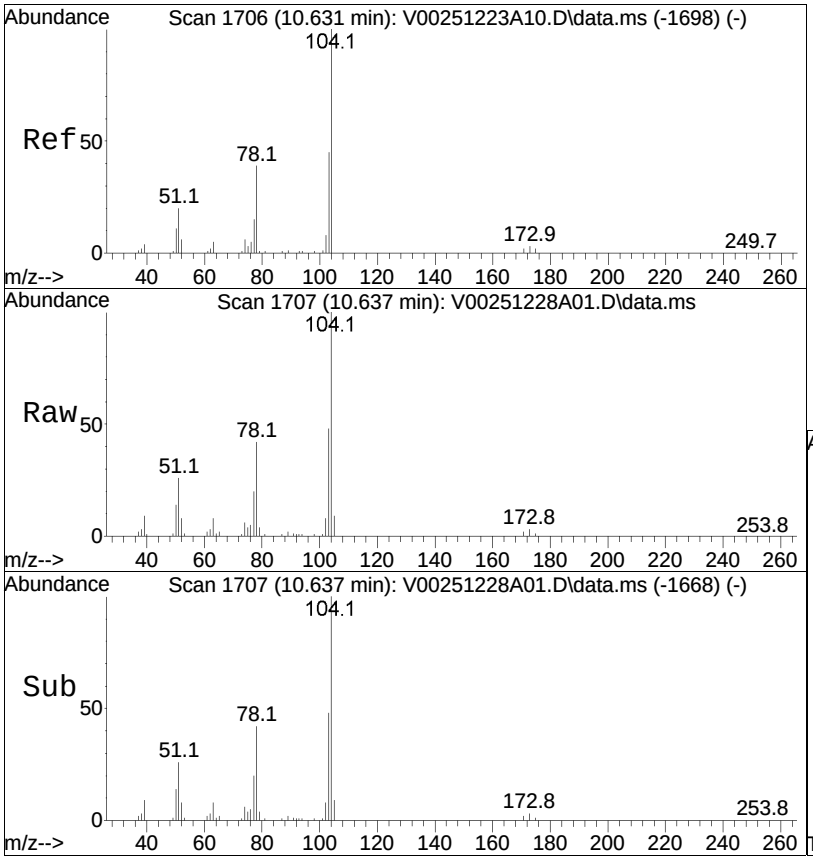


#78
o Xylene
Concen: 77.88 ug/L
RT: 10.574 min Scan# 1695
Delta R.T. 0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:106 Resp: 360800

Ion	Ratio	Lower	Upper
106	100		
91	206.9	168.6	252.8

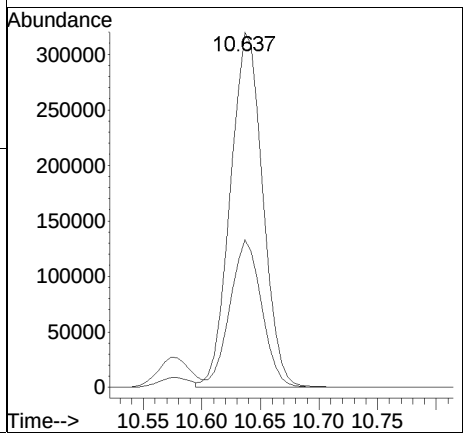


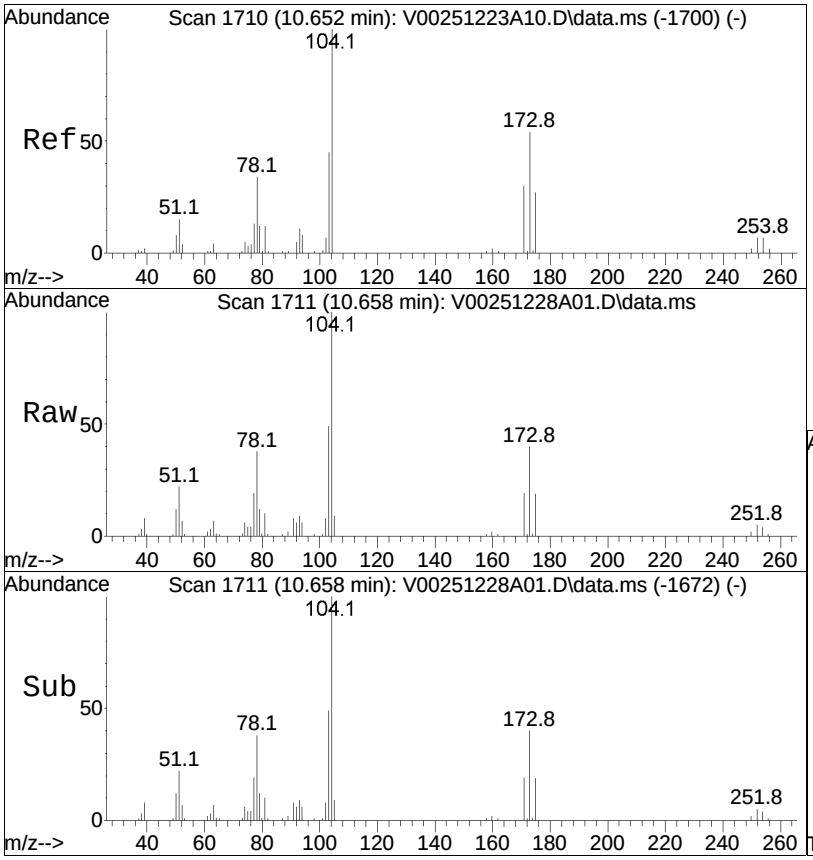


#79
Styrene
Concen: 78.97 ug/L
RT: 10.637 min Scan# 1707
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:104 Resp: 615568

Ion	Ratio	Lower	Upper
104	100		
78	40.9	33.8	50.6

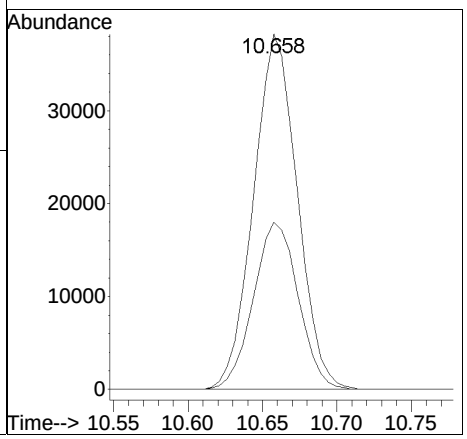


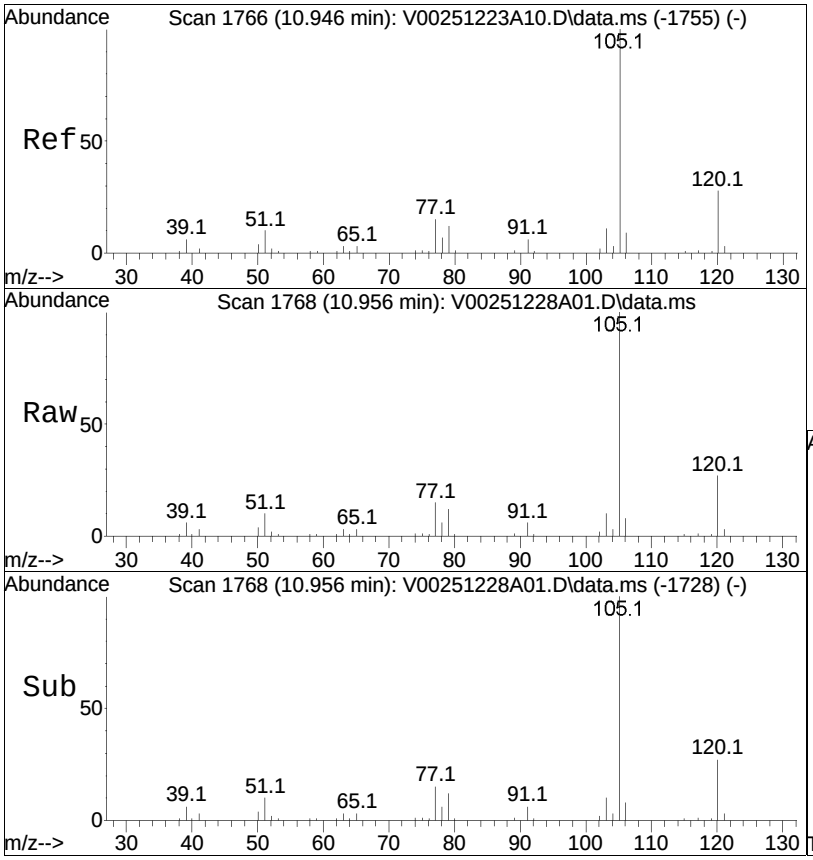


#81
Bromoform
Concen: 35.87 ug/L
RT: 10.658 min Scan# 1711
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:173 Resp: 78104

Ion	Ratio	Lower	Upper
173	100		
175	48.2	27.8	67.8

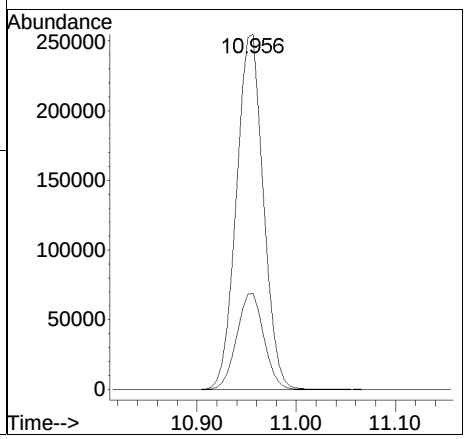


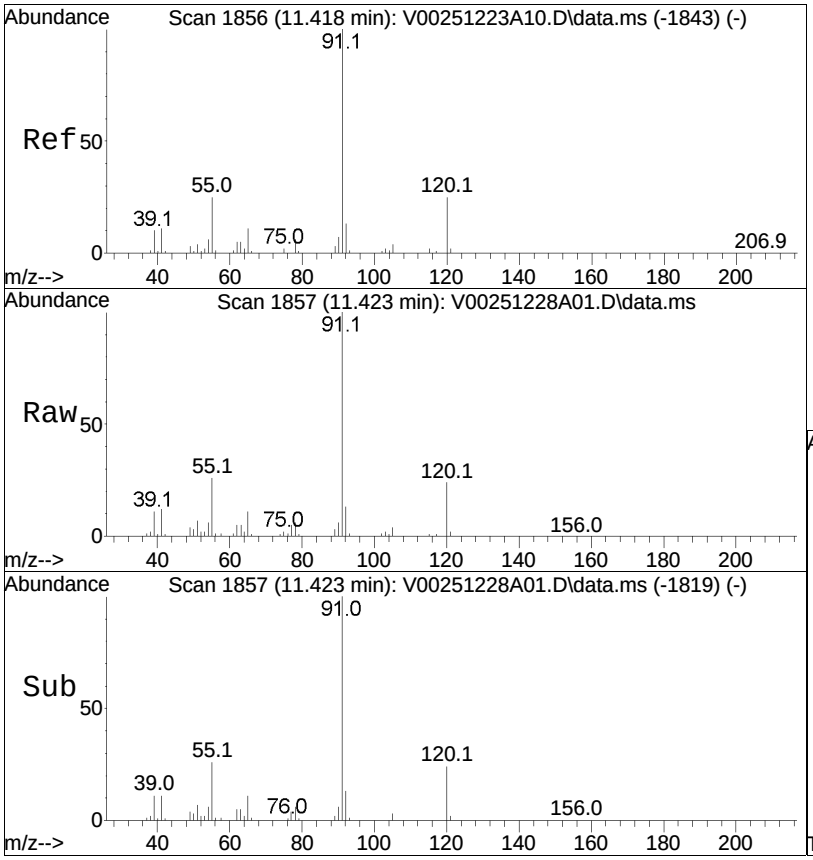


#83
Isopropylbenzene
Concen: 38.07 ug/L
RT: 10.956 min Scan# 1768
Delta R.T. 0.010 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:105 Resp: 480668

Ion	Ratio	Lower	Upper
105	100		
120	27.2	6.4	46.4

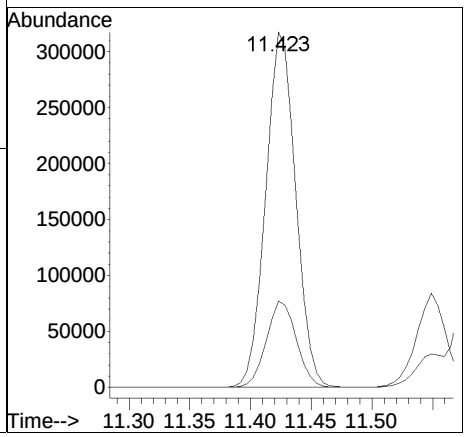


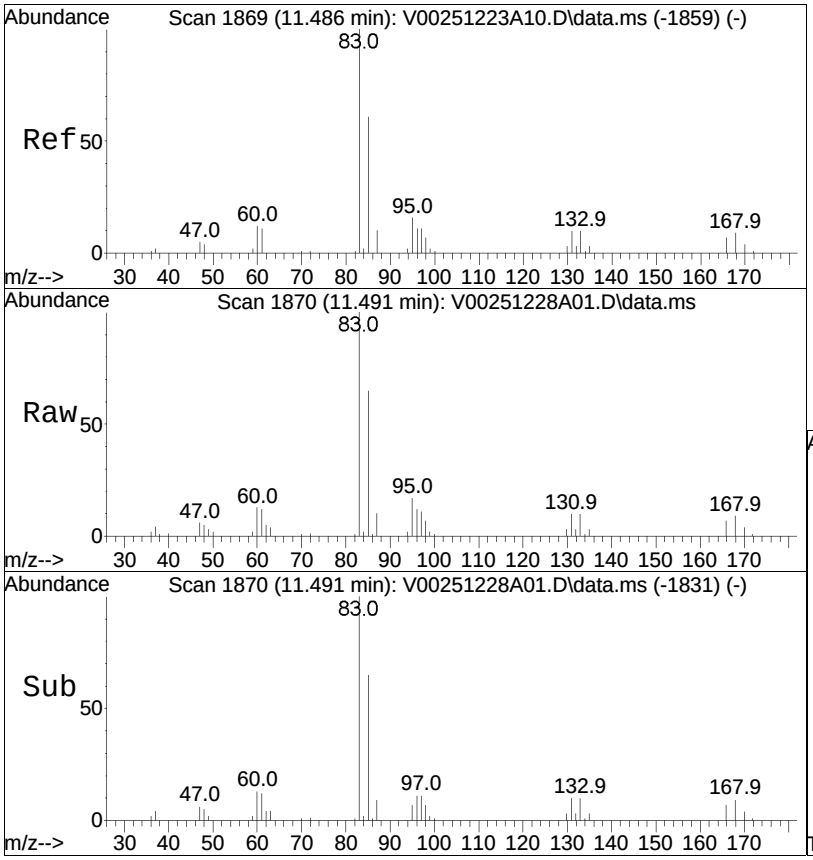


#86
n-Propylbenzene
Concen: 37.91 ug/L
RT: 11.423 min Scan# 1857
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 91 Resp: 545052

Ion	Ratio	Lower	Upper
91	100		
120	24.3	18.2	27.2

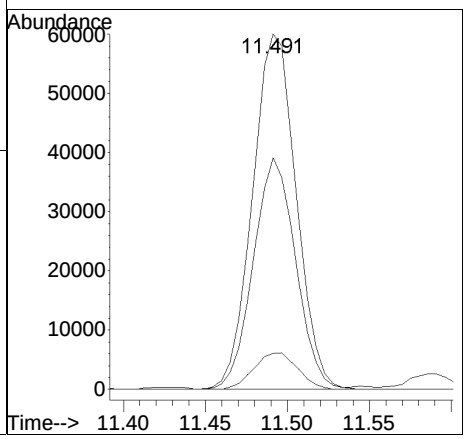


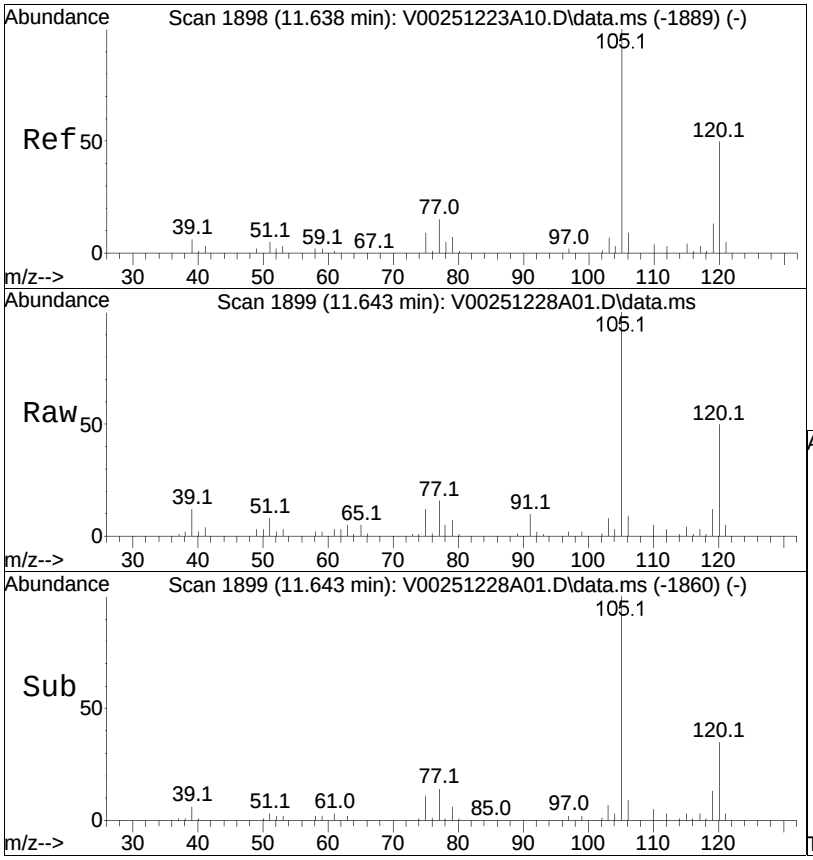


#88
1,1,2,2-Tetrachloroethane
Concen: 37.28 ug/L
RT: 11.491 min Scan# 1870
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 83 Resp: 111014

Ion	Ratio	Lower	Upper
83	100		
131	10.4	0.0	30.1
85	63.4	45.9	85.9

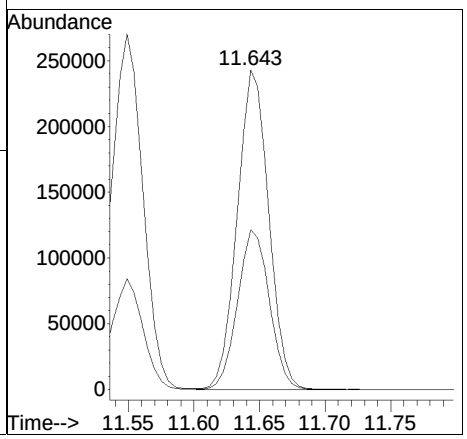


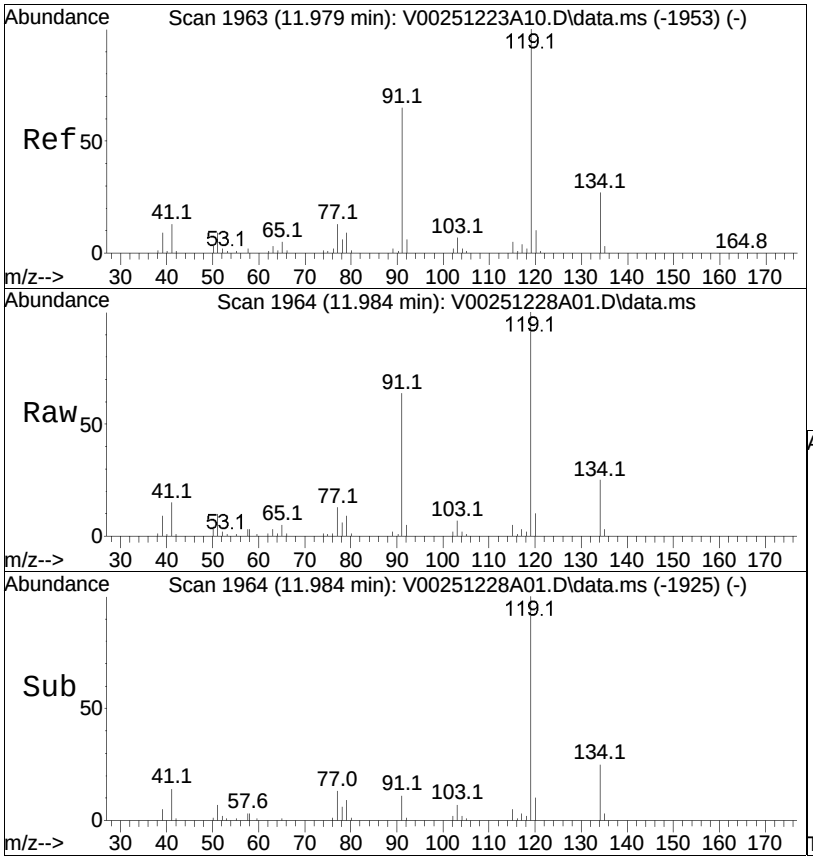


#91
1,3,5-Trimethylbenzene
Concen: 37.91 ug/L
RT: 11.643 min Scan# 1899
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:105 Resp: 405324

Ion	Ratio	Lower	Upper
105	100		
120	50.5	39.1	58.7

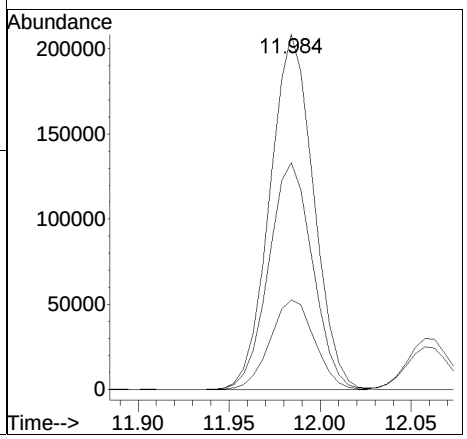


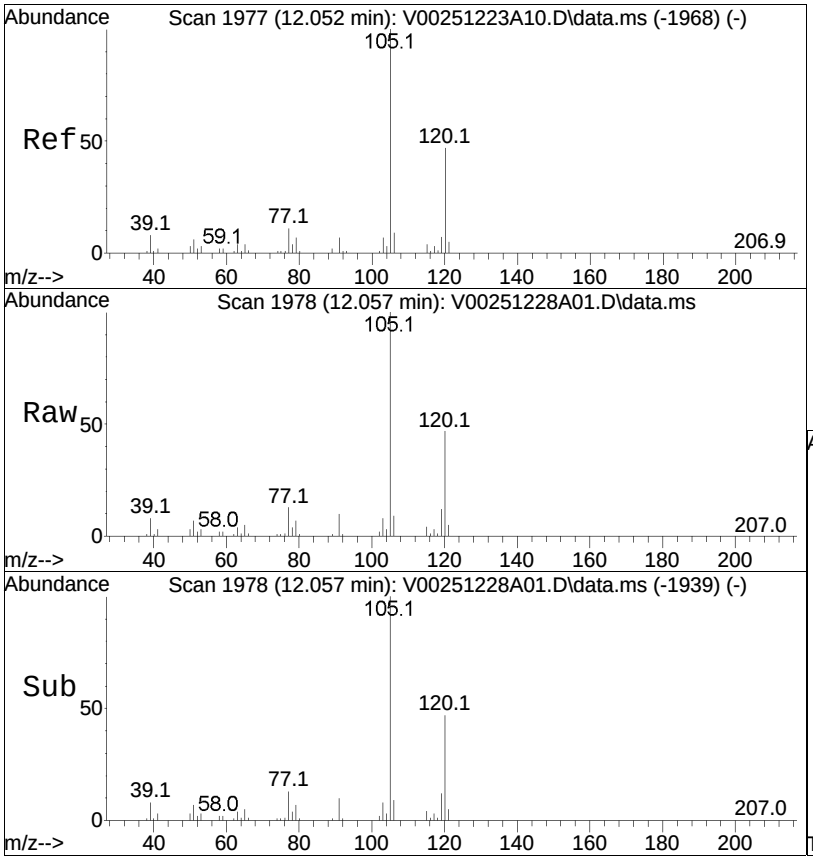


#95
tert-Butylbenzene
Concen: 37.41 ug/L
RT: 11.984 min Scan# 1964
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:119 Resp: 347468

Ion	Ratio	Lower	Upper
119	100		
91	64.4	54.8	82.2
134	25.7	20.6	30.8

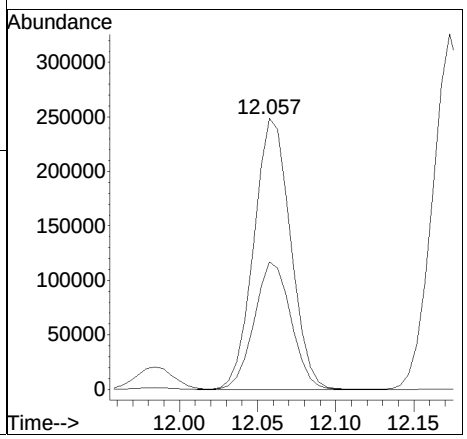


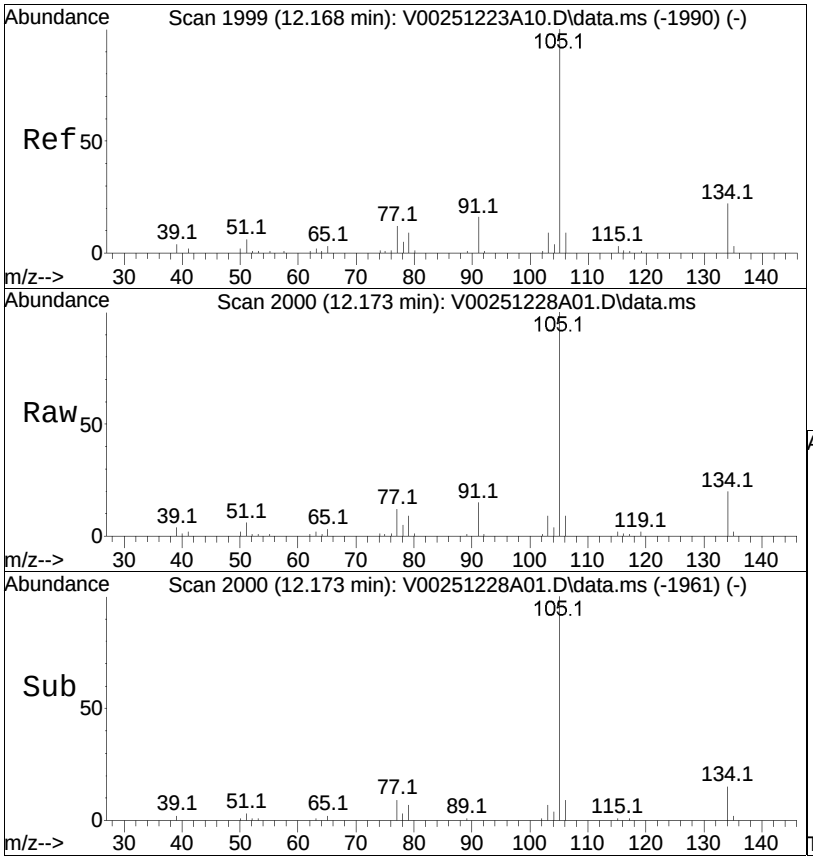


#98
1,2,4-Trimethylbenzene
Concen: 38.45 ug/L
RT: 12.057 min Scan# 1978
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:105 Resp: 406757

Ion	Ratio	Lower	Upper
105	100		
120	47.0	37.1	55.7

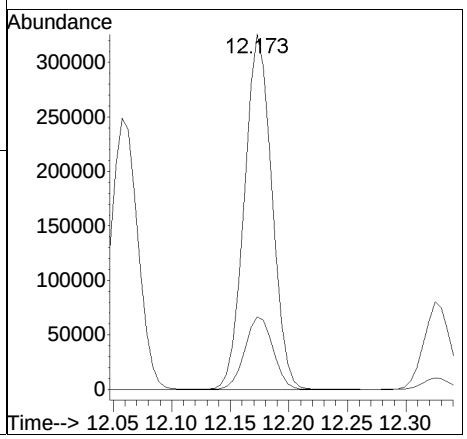


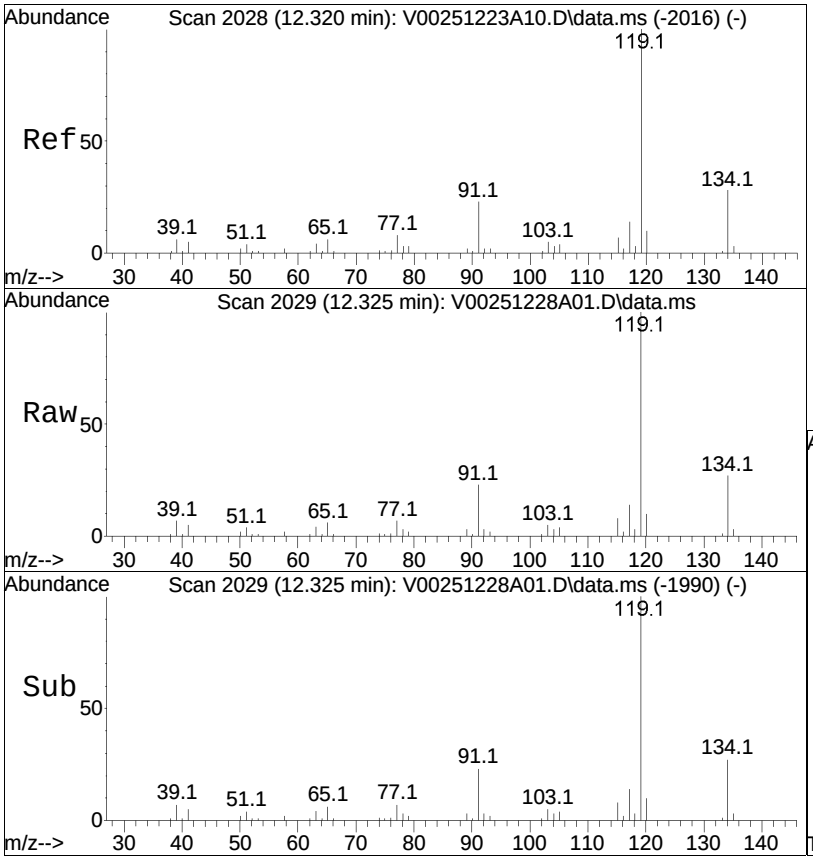


#99
sec-Butylbenzene
Concen: 38.51 ug/L
RT: 12.173 min Scan# 2000
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:105 Resp: 531342

Ion	Ratio	Lower	Upper
105	100		
134	20.9	13.5	27.9

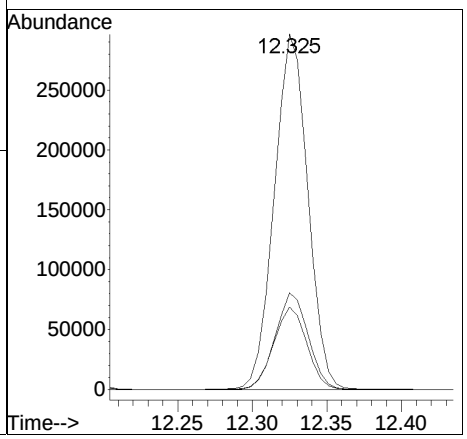


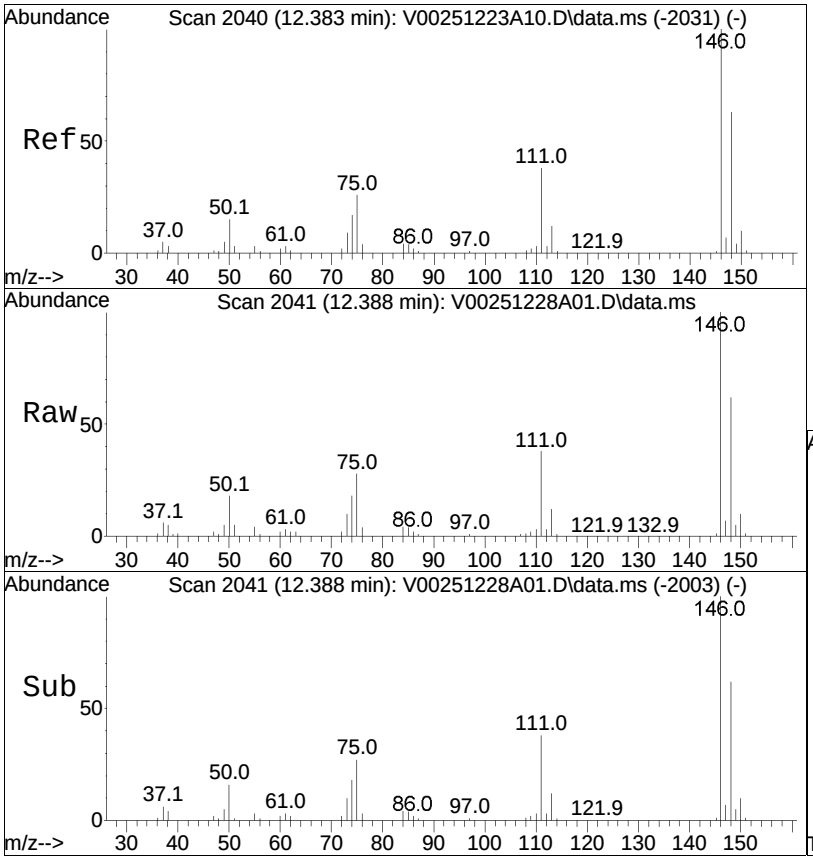


#100
p-Isopropyltoluene
Concen: 38.90 ug/L
RT: 12.325 min Scan# 2029
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:119 Resp: 463344

Ion	Ratio	Lower	Upper
119	100		
134	26.8	17.4	36.0
91	22.9	15.8	32.8

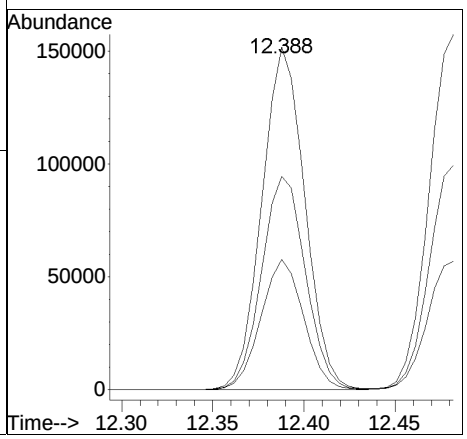


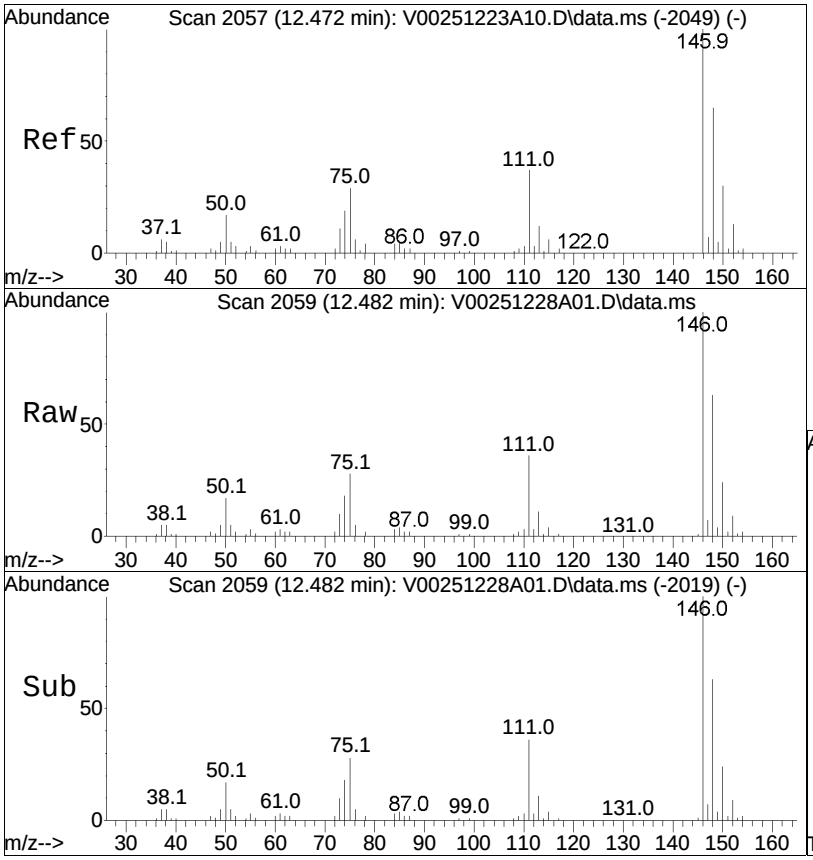


#101
1,3-Dichlorobenzene
Concen: 37.82 ug/L
RT: 12.388 min Scan# 2041
Delta R.T. -0.000 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:146 Resp: 248515

Ion	Ratio	Lower	Upper
146	100		
111	37.7	26.1	54.1
148	63.5	40.8	84.8

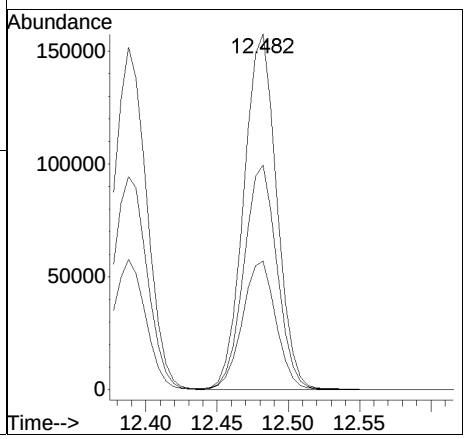


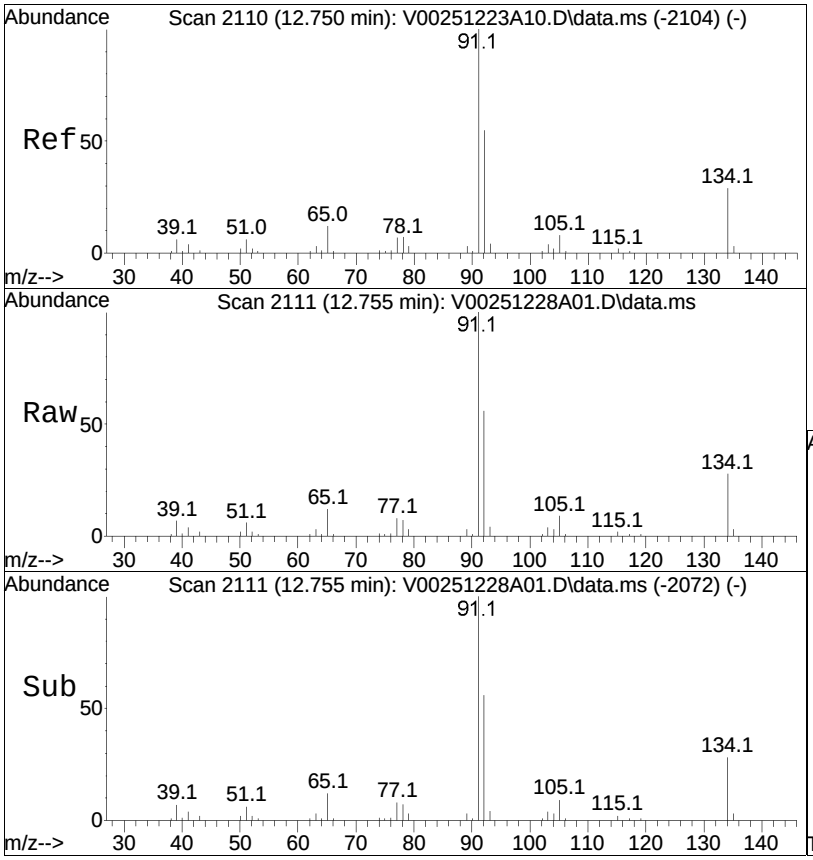


#102
1,4-Dichlorobenzene
Concen: 37.98 ug/L
RT: 12.482 min Scan# 2059
Delta R.T. 0.010 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:146 Resp: 253156

Ion	Ratio	Lower	Upper
146	100		
111	36.7	32.1	48.1
148	63.4	50.6	75.8

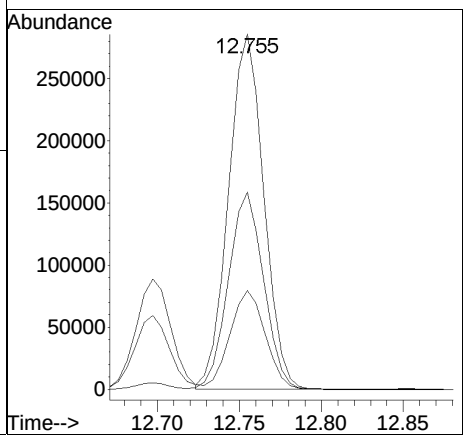


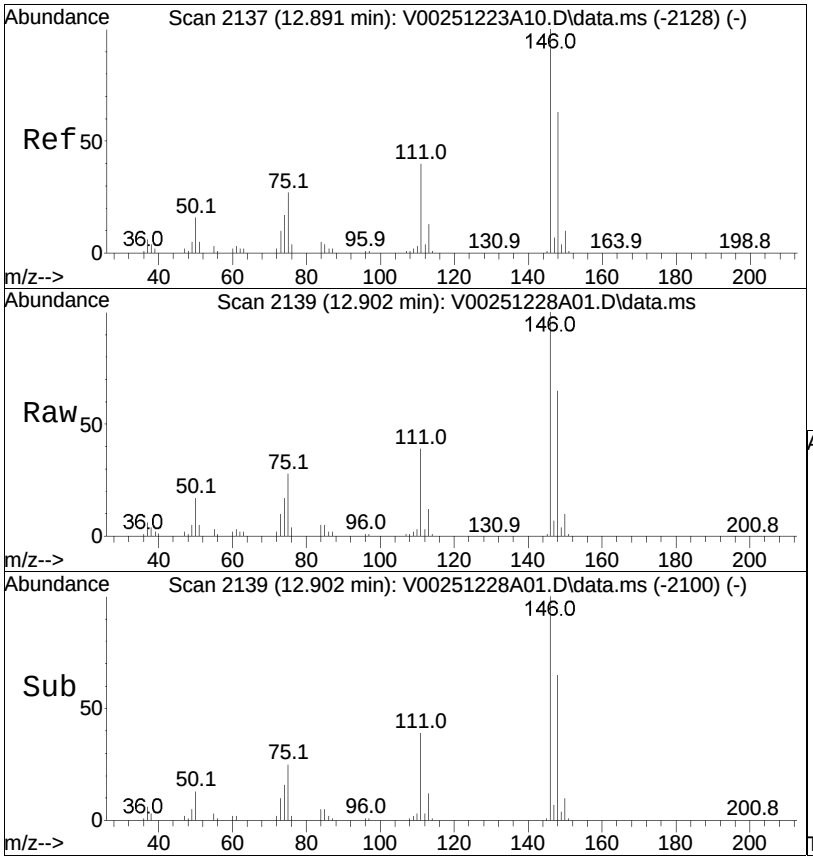


#104
n-Butylbenzene
Concen: 40.29 ug/L
RT: 12.755 min Scan# 2111
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion: 91 Resp: 427148

Ion	Ratio	Lower	Upper
91	100		
92	55.6	43.7	65.5
134	27.8	21.5	32.3

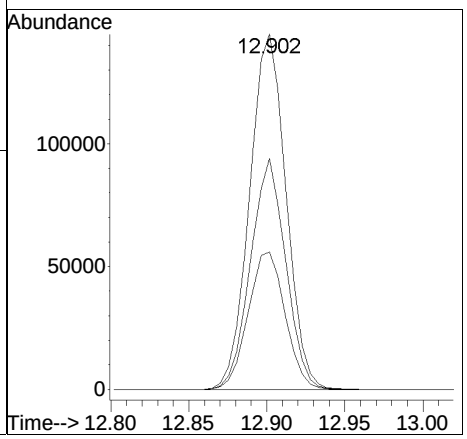


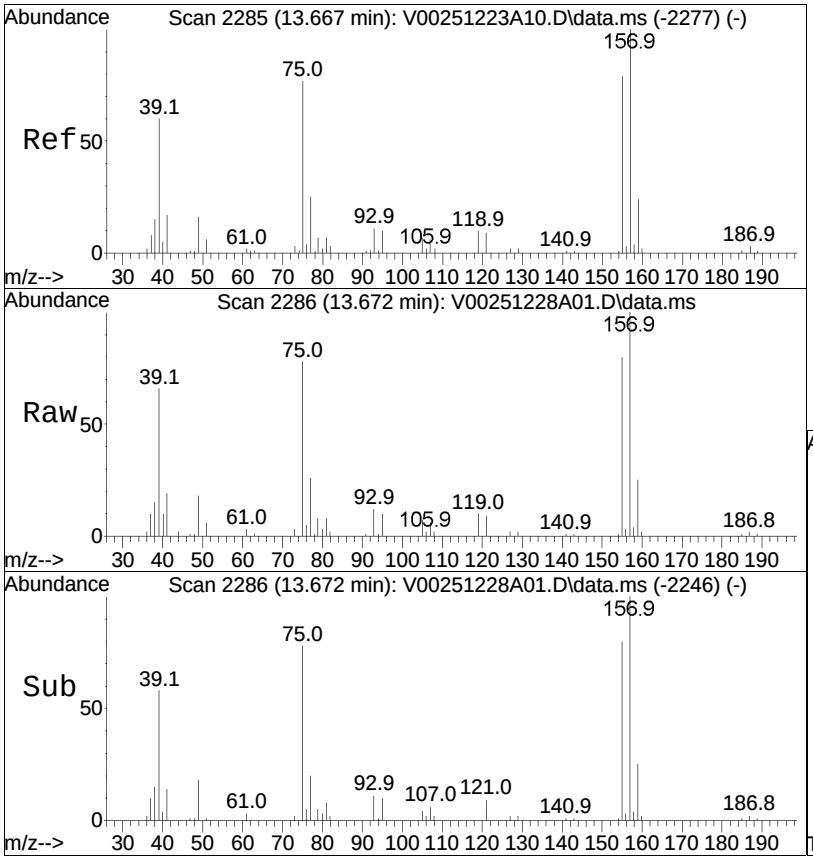


#105
1,2-Dichlorobenzene
Concen: 37.91 ug/L
RT: 12.902 min Scan# 2139
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:146 Resp: 234685

Ion	Ratio	Lower	Upper
146	100		
111	39.3	26.9	55.9
148	62.8	40.3	83.7

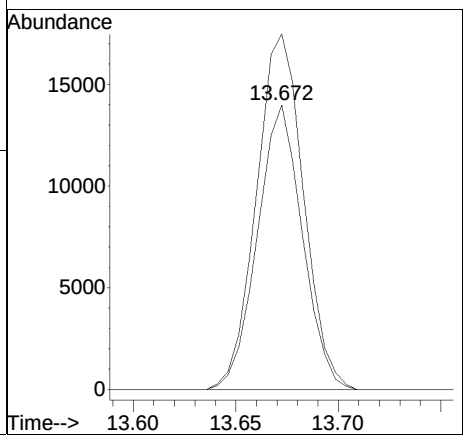


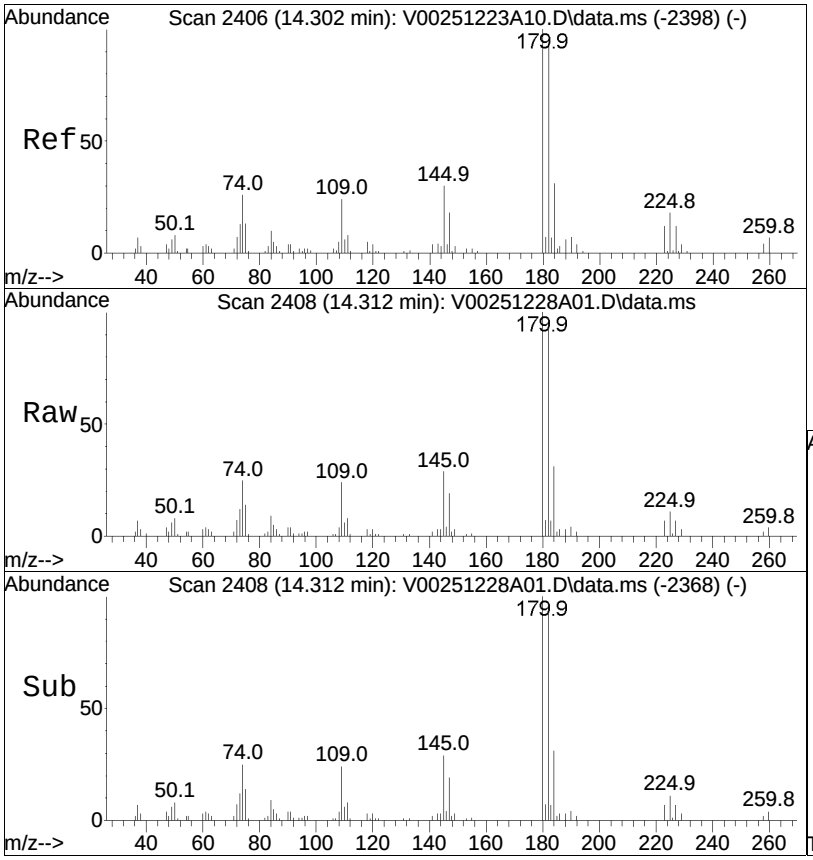


#107
1,2-Dibromo-3-chloropropane
Concen: 35.14 ug/L
RT: 13.672 min Scan# 2286
Delta R.T. 0.010 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:155 Resp: 21356

Ion	Ratio	Lower	Upper
155	100		
157	130.8	97.0	145.4

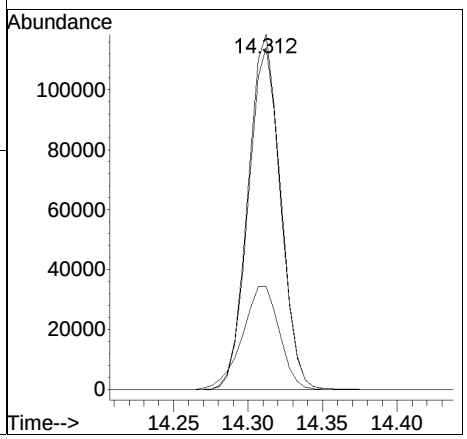


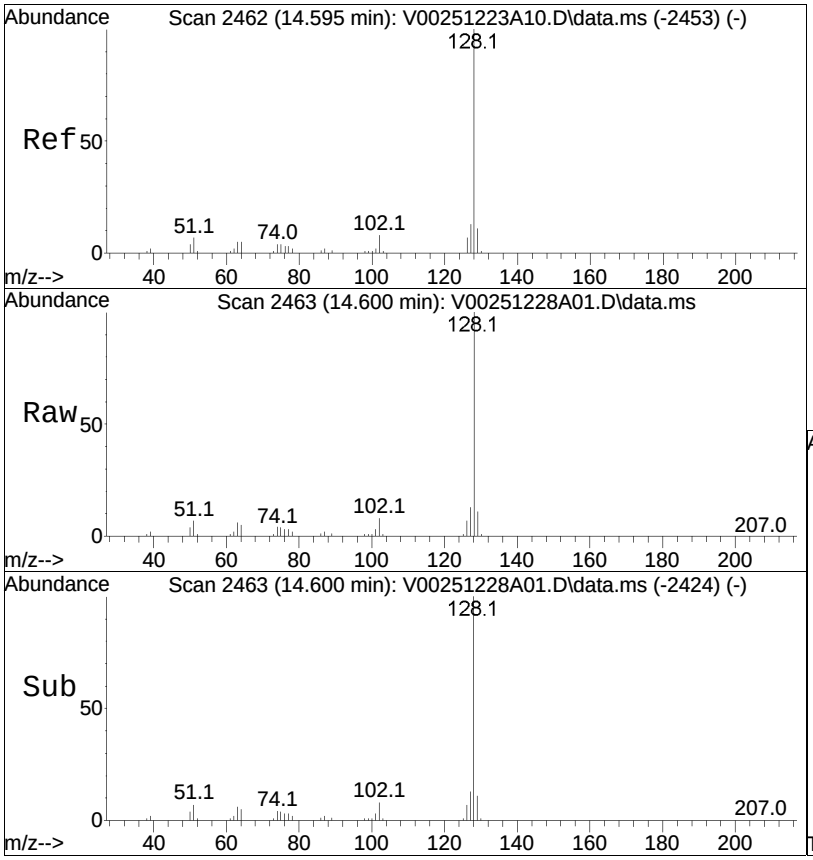


#110
1,2,4-Trichlorobenzene
Concen: 38.76 ug/L
RT: 14.312 min Scan# 2408
Delta R.T. 0.010 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:180 Resp: 180327

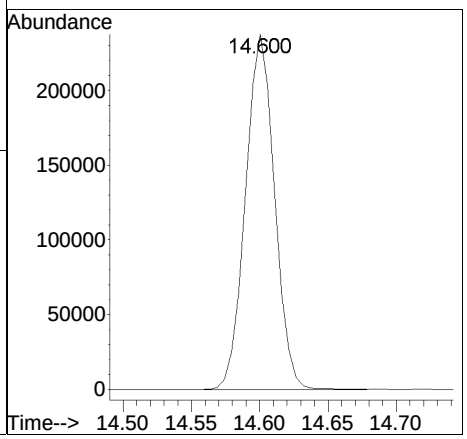
Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.8	113.6
145	32.9	29.2	43.8





#111
Naphthalene
Concen: 37.30 ug/L
RT: 14.600 min Scan# 2463
Delta R.T. 0.005 min
Lab File: V00251228A01.D
Acq: 28 Dec 2025 03:43 pm

Tgt Ion:128 Resp: 351655



Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A01.D
Acq On : 29 Dec 2025 5:17 am
Operator : VOA104:MJV
Sample : WG2160213-3,31h,15,15,0.1
Misc : WG2160213,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 29 05:46:38 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.377	96	369388	20.000	ug/L	0.00
59) Chlorobenzene-d5	8.833	117	254827	20.000	ug/L	0.00
79) 1,4-Dichlorobenzene-d4	11.669	152	126132	20.000	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.612	113	97205	18.347	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 91.74%			
43) 1,2-Dichloroethane-d4	5.110	65	78400	16.666	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 83.33%			
60) Toluene-d8	7.024	98	357595	21.831	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 109.16%			
83) 4-Bromofluorobenzene	10.395	95	120630	22.199	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 111.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.408	85	219482	32.597	ug/L	98
3) Chloromethane	1.571	50	252279	36.407	ug/L	99
4) Vinyl chloride	1.629	62	270561	39.847	ug/L	98
5) Bromomethane	1.886	94	202958	53.217	ug/L	96
6) Chloroethane	1.985	64	152499	38.763	ug/L	96
7) Trichlorofluoromethane	2.101	101	346191	43.075	ug/L	98
10) 1,1-Dichloroethene	2.525	96	220019	47.720	ug/L	82
11) Carbon disulfide	2.551	76	778152	46.000	ug/L	99
12) Freon-113	2.557	101	222766	48.765	ug/L #	70
15) Methylene chloride	3.023	84	239516	41.258	ug/L	83
17) Acetone	3.065	43	44364	23.780	ug/L #	84
18) trans-1,2-Dichloroethene	3.160	96	233610	45.228	ug/L	88
19) Methyl acetate	3.170	43	70062	36.233	ug/L #	85
20) Methyl tert-butyl ether	3.244	73	539825	42.149	ug/L	89
23) 1,1-Dichloroethane	3.700	63	389305	40.227	ug/L	97
28) cis-1,2-Dichloroethene	4.187	96	241214	41.330	ug/L	85
31) Cyclohexane	4.355	56	318380	40.464	ug/L	79
32) Chloroform	4.439	83	375397	40.920	ug/L	95
34) Carbon tetrachloride	4.554	117	292216	39.372	ug/L	99
37) 1,1,1-Trichloroethane	4.617	97	321236	41.645	ug/L	95
39) 2-Butanone	4.722	43	37985	28.432	ug/L #	47
41) Benzene	4.968	78	778717	42.924	ug/L	94
44) 1,2-Dichloroethane	5.173	62	211689	32.953	ug/L	96
47) Methyl cyclohexane	5.519	83	349317	45.966	ug/L #	79

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A01.D
Acq On : 29 Dec 2025 5:17 am
Operator : VOA104:MJV
Sample : WG2160213-3,31h,15,15,0.1
Misc : WG2160213,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 29 05:46:38 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Trichloroethene	5.545	95	216264	44.802	ug/L		96
51) 1,2-Dichloropropane	6.075	63	194661	37.023	ug/L		98
54) Bromodichloromethane	6.153	83	274750	38.312	ug/L		100
58) cis-1,3-Dichloropropene	6.825	75	324631	41.946	ug/L	#	89
61) Toluene	7.076	92	478969	44.041	ug/L		99
62) 4-Methyl-2-pentanone	7.522	58	46094	38.671	ug/L	#	94
63) Tetrachloroethene	7.511	166	228091	44.258	ug/L		99
65) trans-1,3-Dichloropropene	7.569	75	260449	44.132	ug/L		89
68) 1,1,2-Trichloroethane	7.747	83	129689	40.199	ug/L		97
69) Chlorodibromomethane	7.952	129	190980	38.289	ug/L		99
71) 1,2-Dibromoethane	8.214	107	152021	42.803	ug/L		99
72) 2-Hexanone	8.529	43	70782	34.895	ug/L		97
73) Chlorobenzene	8.854	112	529900	43.405	ug/L		98
74) Ethylbenzene	8.896	91	917167	46.980	ug/L		98
76) p/m Xylene	9.079	106	679676	91.699	ug/L		96
77) o Xylene	9.619	106	664951	88.445	ug/L		96
78) Styrene	9.698	104	1045119	85.902	ug/L		98
80) Bromoform	9.724	173	113893	38.238	ug/L		99
82) Isopropylbenzene	10.033	105	866352	47.689	ug/L		99
85) n-Propylbenzene	10.558	91	1051995	50.705	ug/L		97
87) 1,1,2,2-Tetrachloroethane	10.673	83	180572	42.859	ug/L		99
90) 1,3,5-Trimethylbenzene	10.804	105	703559	47.054	ug/L		99
94) tert-Butylbenzene	11.161	119	588415	45.278	ug/L		97
97) 1,2,4-Trimethylbenzene	11.244	105	687200	45.612	ug/L		99
98) sec-Butylbenzene	11.360	105	932344	48.959	ug/L		97
99) p-Isopropyltoluene	11.522	119	773654	46.987	ug/L		98
100) 1,3-Dichlorobenzene	11.585	146	388520	43.483	ug/L		99
101) 1,4-Dichlorobenzene	11.685	146	393343	42.340	ug/L		99
103) n-Butylbenzene	11.973	91	756733	51.522	ug/L		98
104) 1,2-Dichlorobenzene	12.120	146	357335	41.637	ug/L		98
106) 1,2-Dibromo-3-chloropr...	12.922	155	26483	38.486	ug/L		99
109) 1,2,4-Trichlorobenzene	13.562	180	270475	47.806	ug/L		99
110) Naphthalene	13.855	128	434408	42.491	ug/L		100

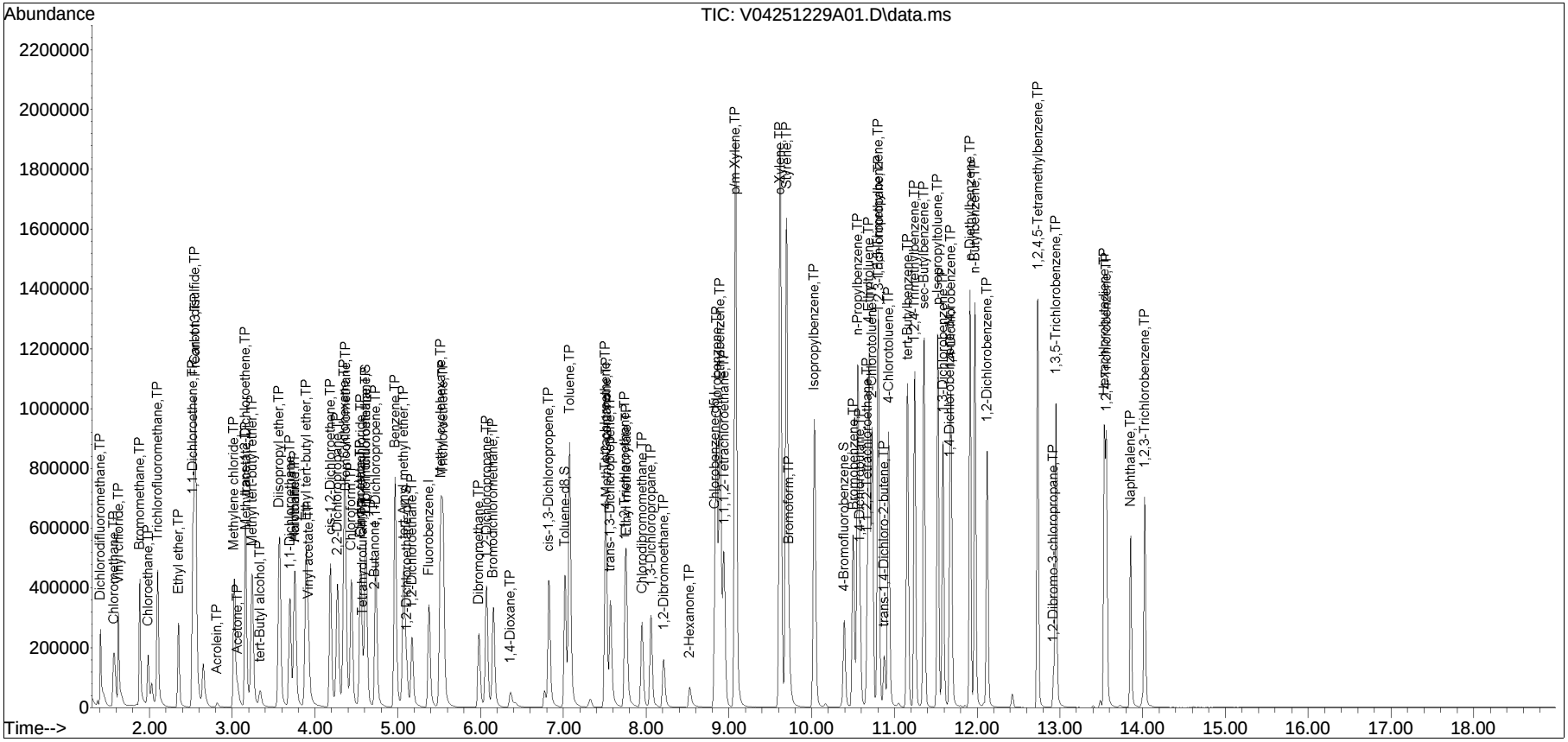
(#) = qualifier out of range (m) = manual integration (+) = signals summed

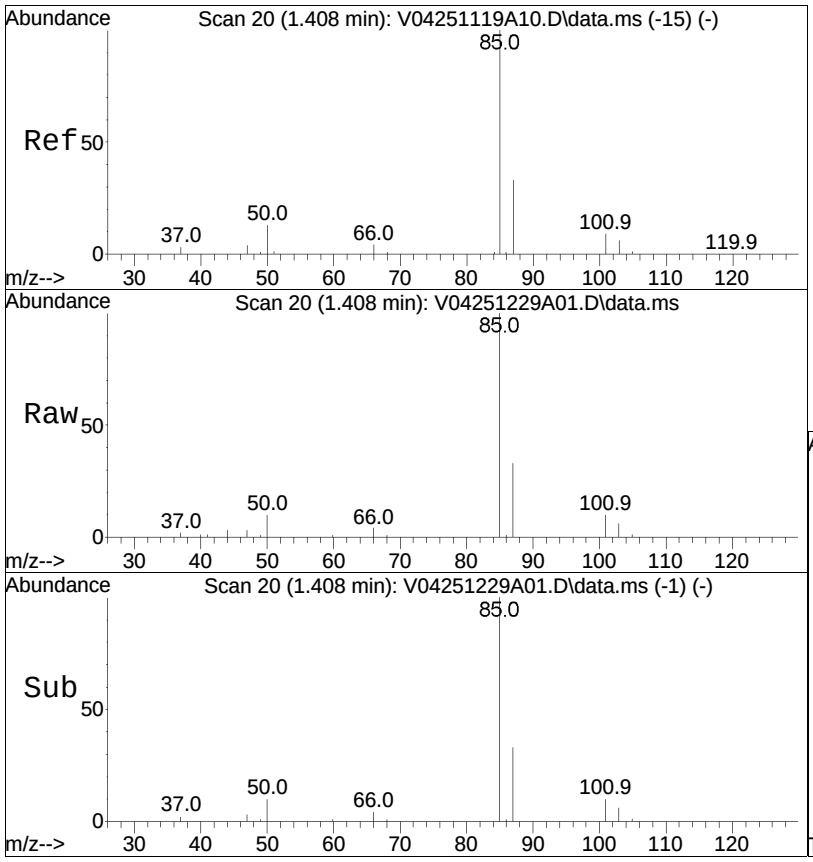
Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A01.D
Acq On : 29 Dec 2025 5:17 am
Operator : VOA104:MJV
Sample : WG2160213-3,31h,15,15,0.1
Misc : WG2160213,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 29 05:46:38 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

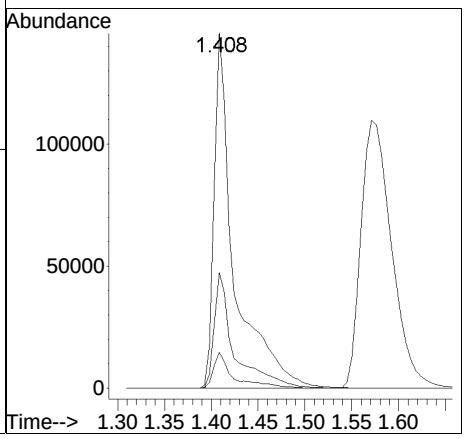


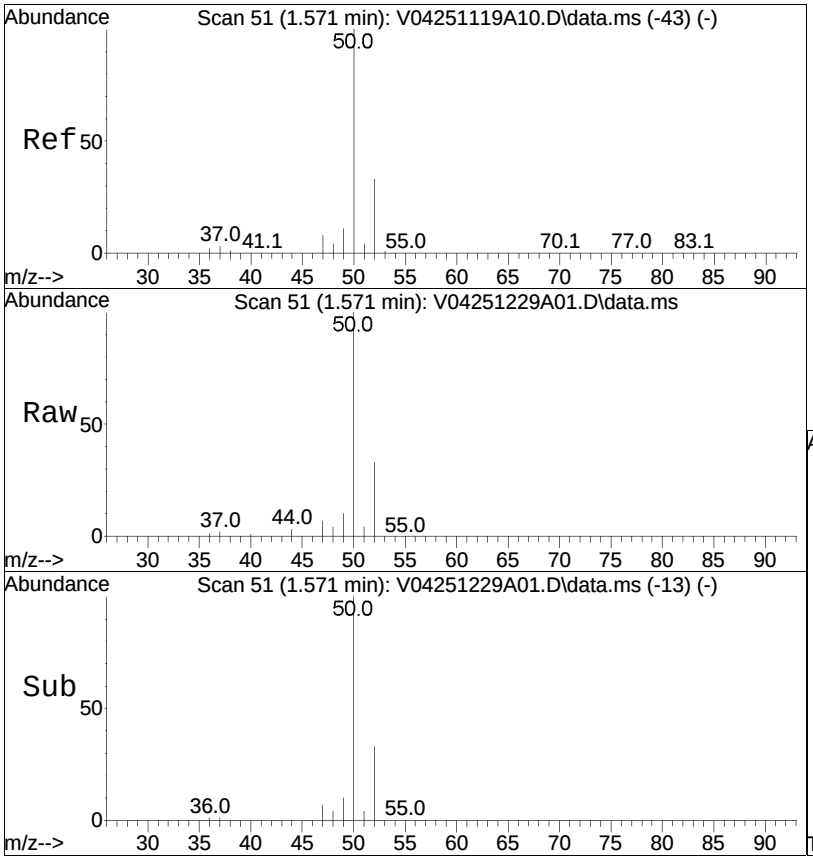


#2
Dichlorodifluoromethane
Concen: 32.60 ug/L
RT: 1.408 min Scan# 20
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 85 Resp: 219482

Ion	Ratio	Lower	Upper
85	100		
87	32.6	20.9	43.5
50	10.2	8.1	16.9

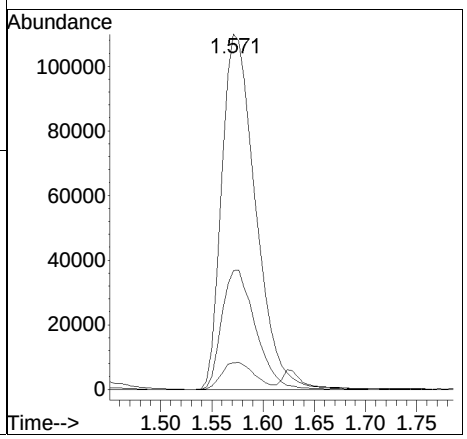


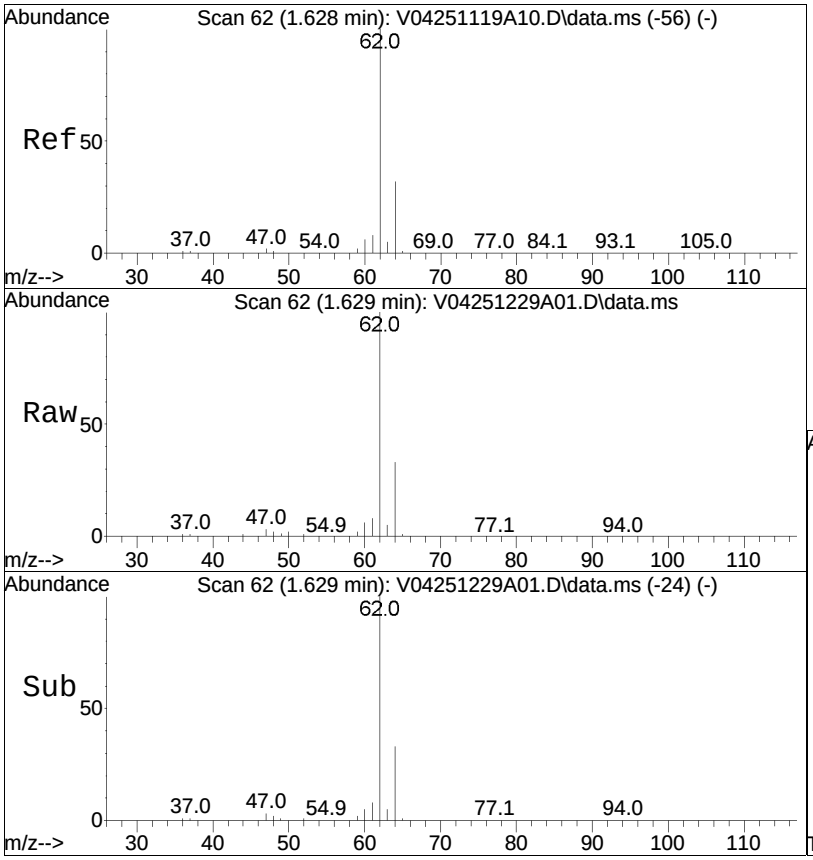


#3
Chloromethane
Concen: 36.41 ug/L
RT: 1.571 min Scan# 51
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 50 Resp: 252279

Ion	Ratio	Lower	Upper
50	100		
52	33.5	13.0	53.0
47	7.3	0.0	28.2

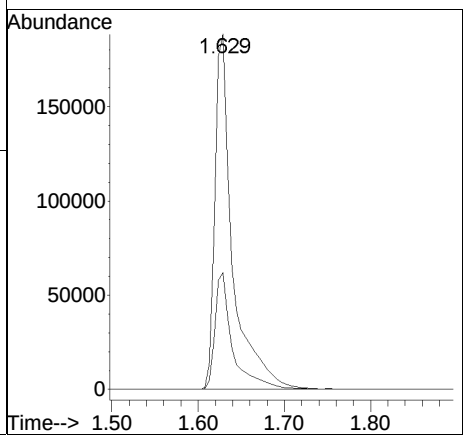


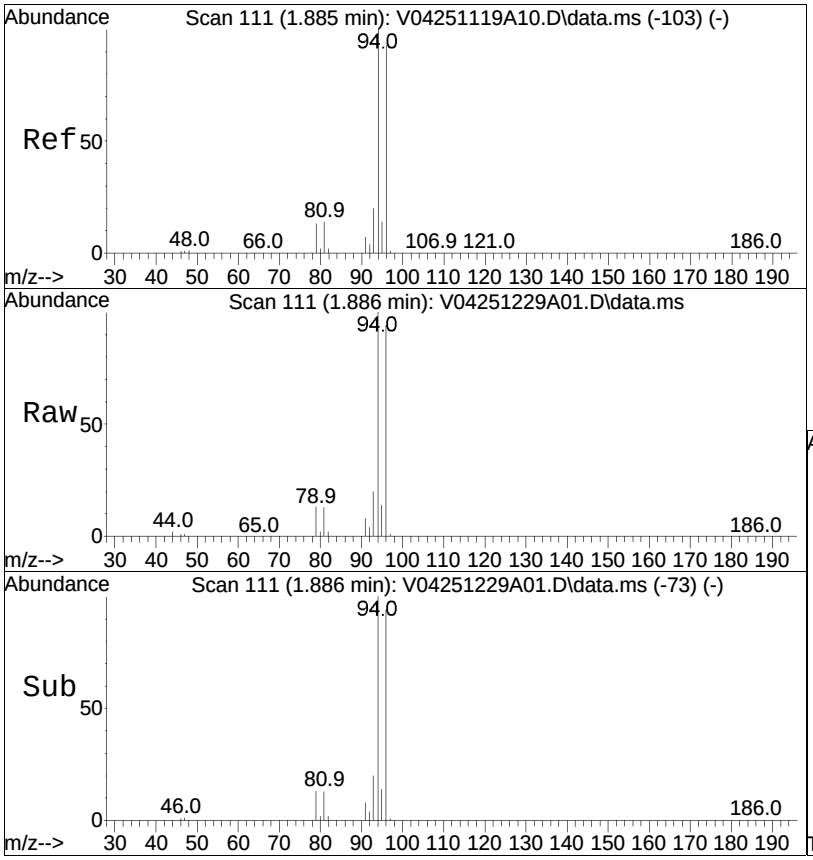


#4
Vinyl chloride
Concen: 39.85 ug/L
RT: 1.629 min Scan# 62
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 62 Resp: 270561

Ion	Ratio	Lower	Upper
62	100		
64	32.6	11.6	51.6

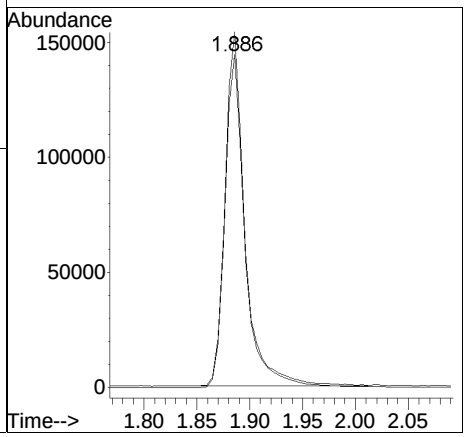


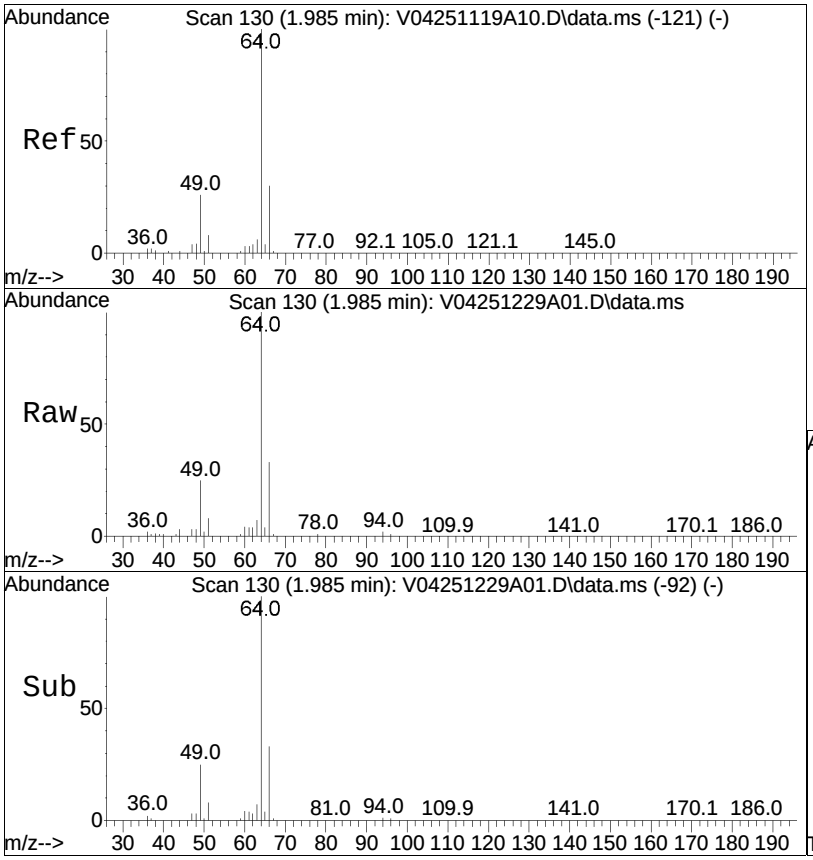


#5
Bromomethane
Concen: 53.22 ug/L
RT: 1.886 min Scan# 111
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 94 Resp: 202958

Ion	Ratio	Lower	Upper
94	100		
96	94.6	71.0	111.0

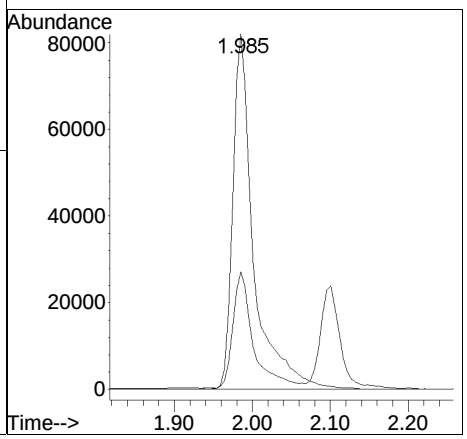


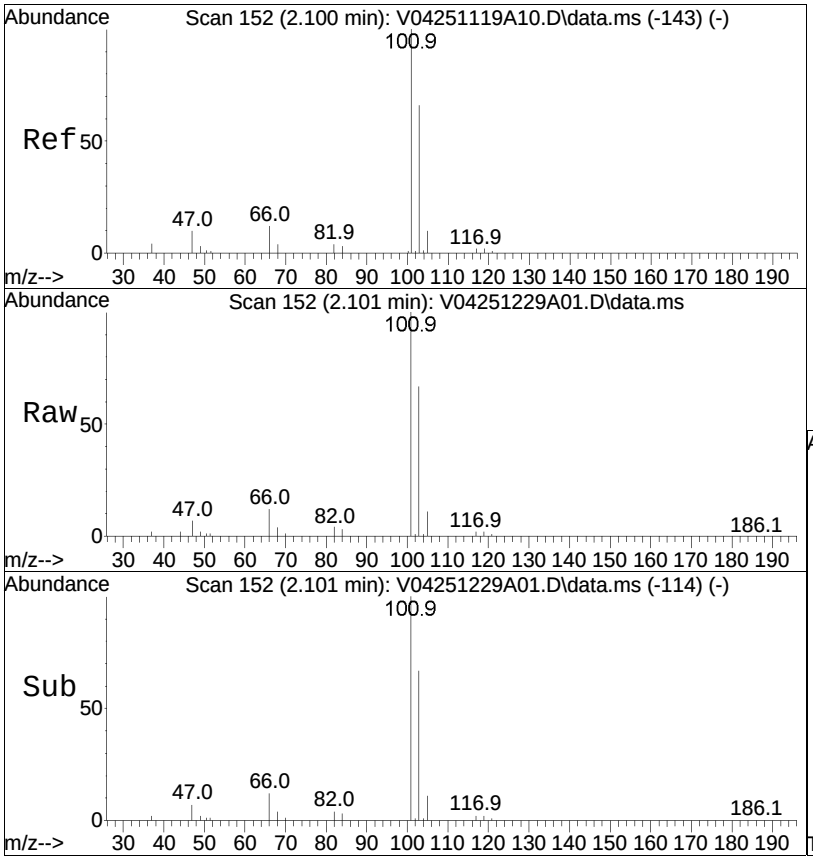


#6
Chloroethane
Concen: 38.76 ug/L
RT: 1.985 min Scan# 130
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 64 Resp: 152499

Ion	Ratio	Lower	Upper
64	100		
66	31.7	13.7	53.7

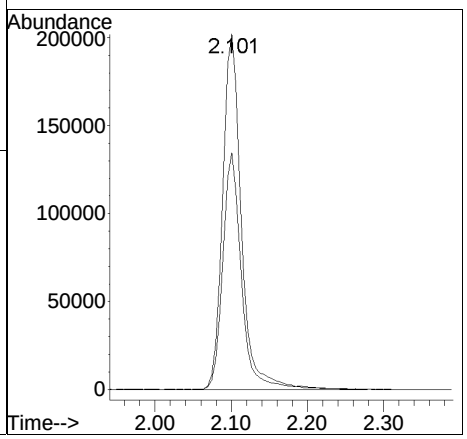


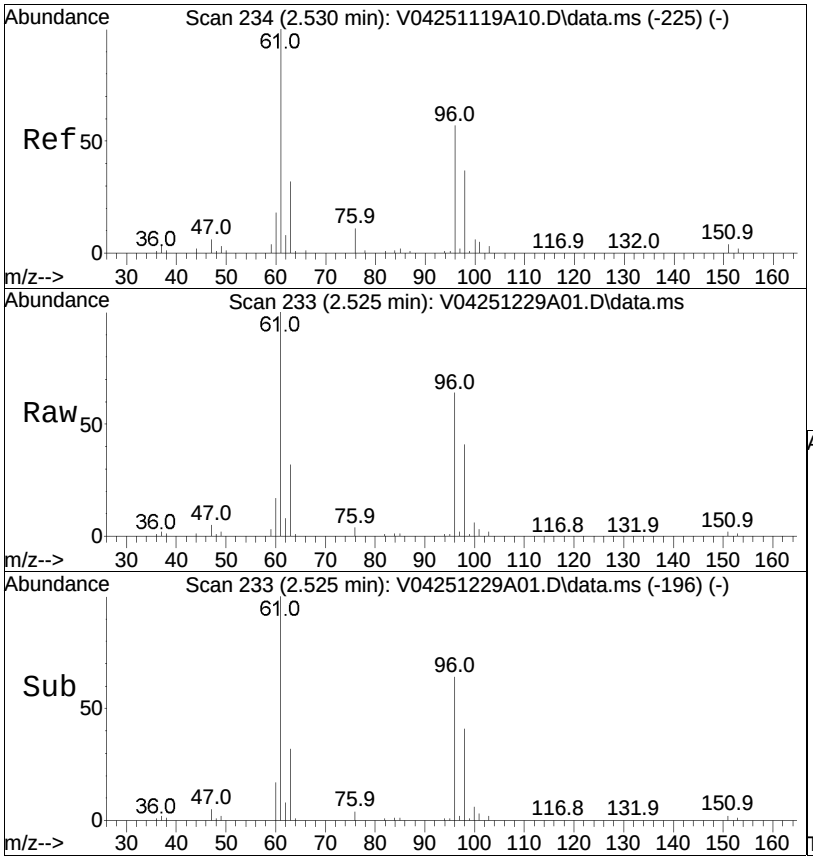


#7
Trichlorofluoromethane
Concen: 43.08 ug/L
RT: 2.101 min Scan# 152
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:101 Resp: 346191

Ion	Ratio	Lower	Upper
101	100		
103	66.3	51.7	77.5

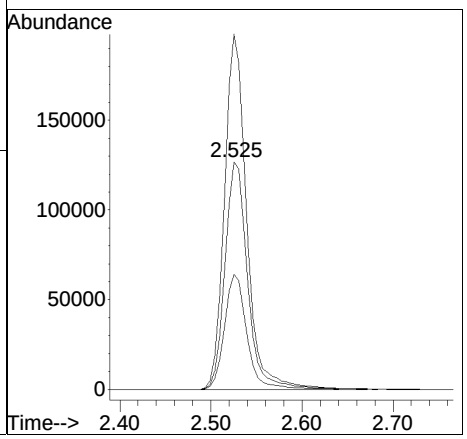


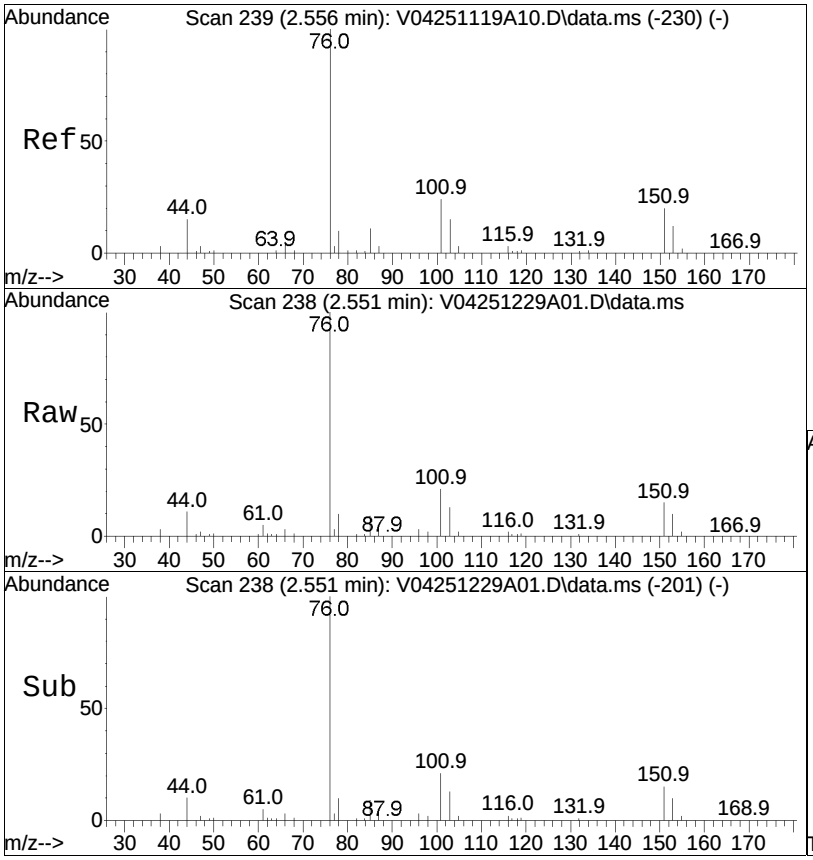


#10
1,1-Dichloroethene
Concen: 47.72 ug/L
RT: 2.525 min Scan# 233
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 96 Resp: 220019

Ion	Ratio	Lower	Upper
96	100		
61	152.9	145.8	218.6
63	49.9	46.6	69.8

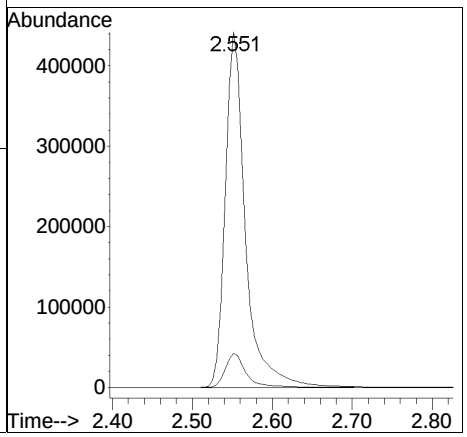


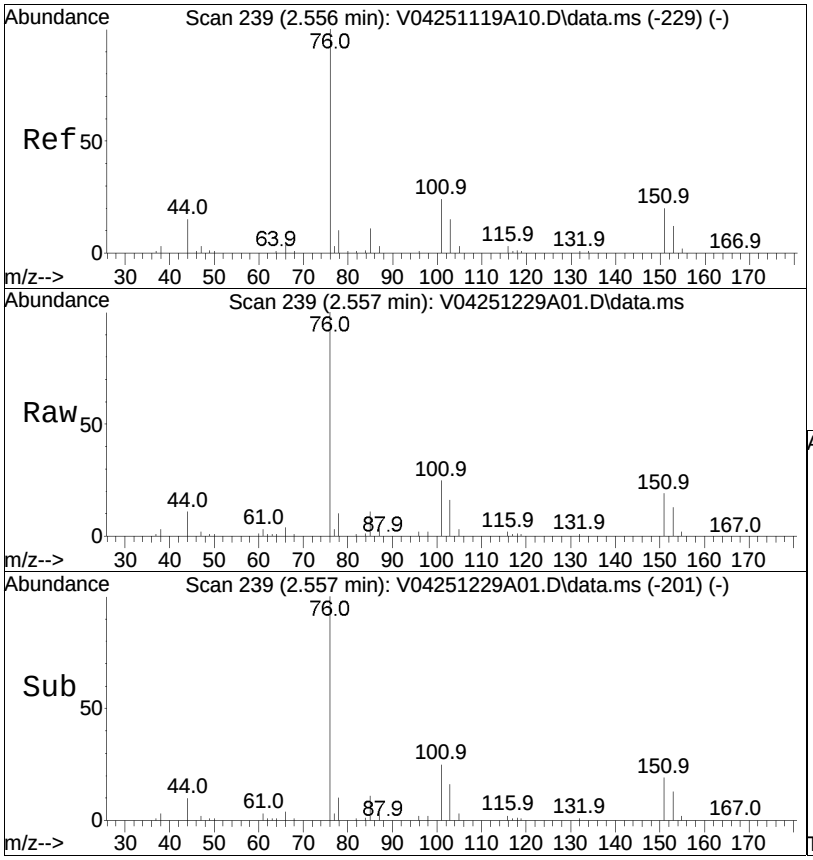


#11
Carbon disulfide
Concen: 46.00 ug/L
RT: 2.551 min Scan# 238
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 76 Resp: 778152

Ion	Ratio	Lower	Upper
76	100		
78	9.9	6.6	13.8

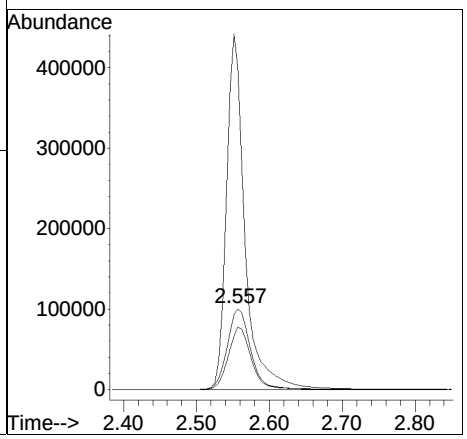


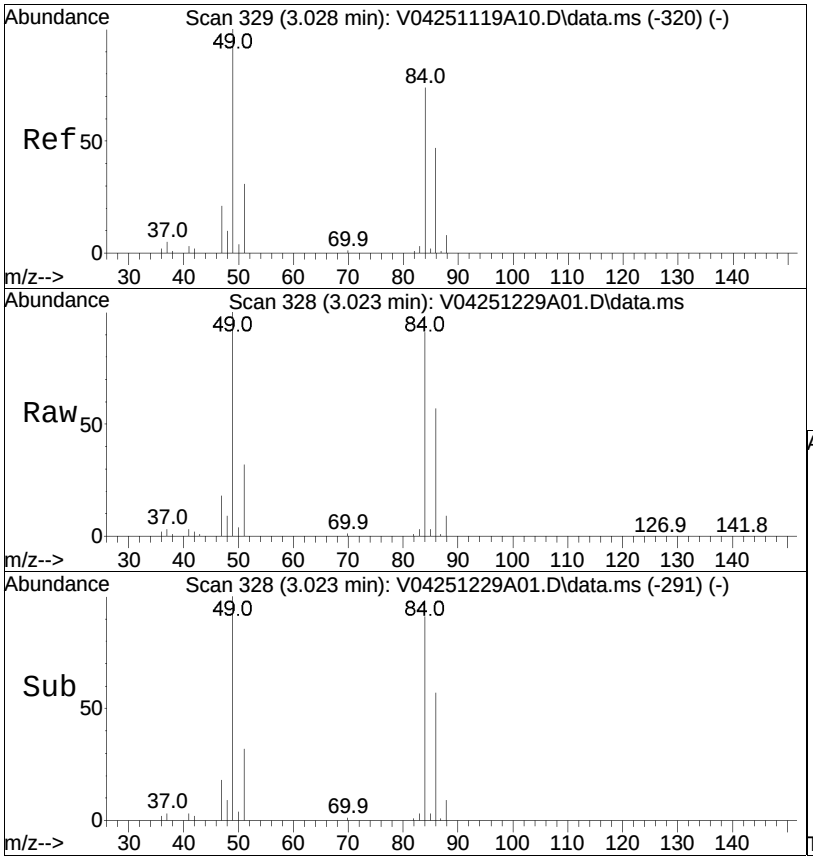


#12
Freon-113
Concen: 48.77 ug/L
RT: 2.557 min Scan# 239
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:101 Resp: 222766

Ion	Ratio	Lower	Upper
101	100		
151	75.9	65.3	97.9
76	349.3	224.2	336.4#

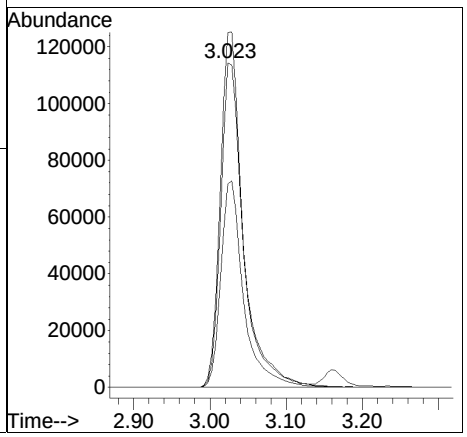


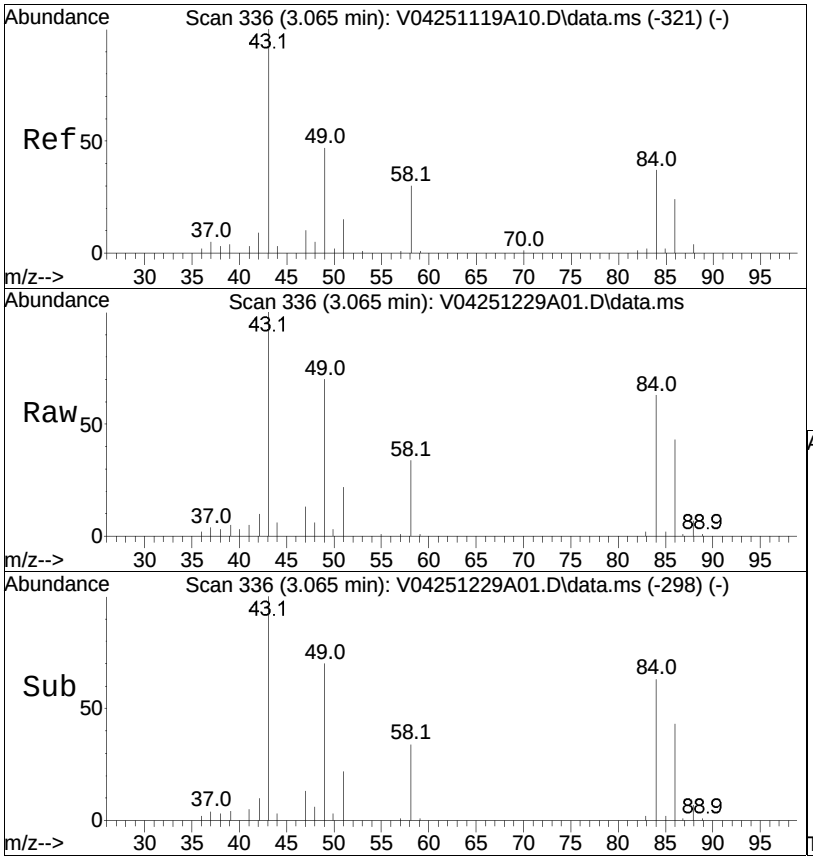


#15
Methylene chloride
Concen: 41.26 ug/L
RT: 3.023 min Scan# 328
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 84 Resp: 239516

Ion	Ratio	Lower	Upper
84	100		
86	63.5	41.3	85.9
49	109.7	91.0	189.0

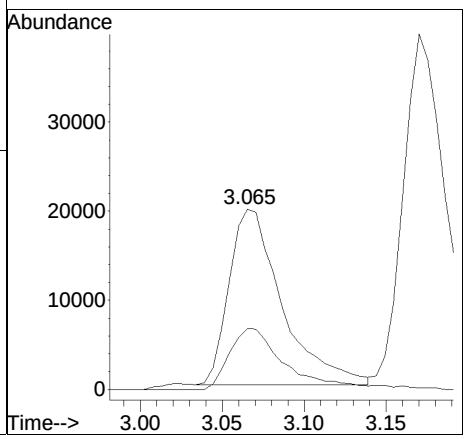


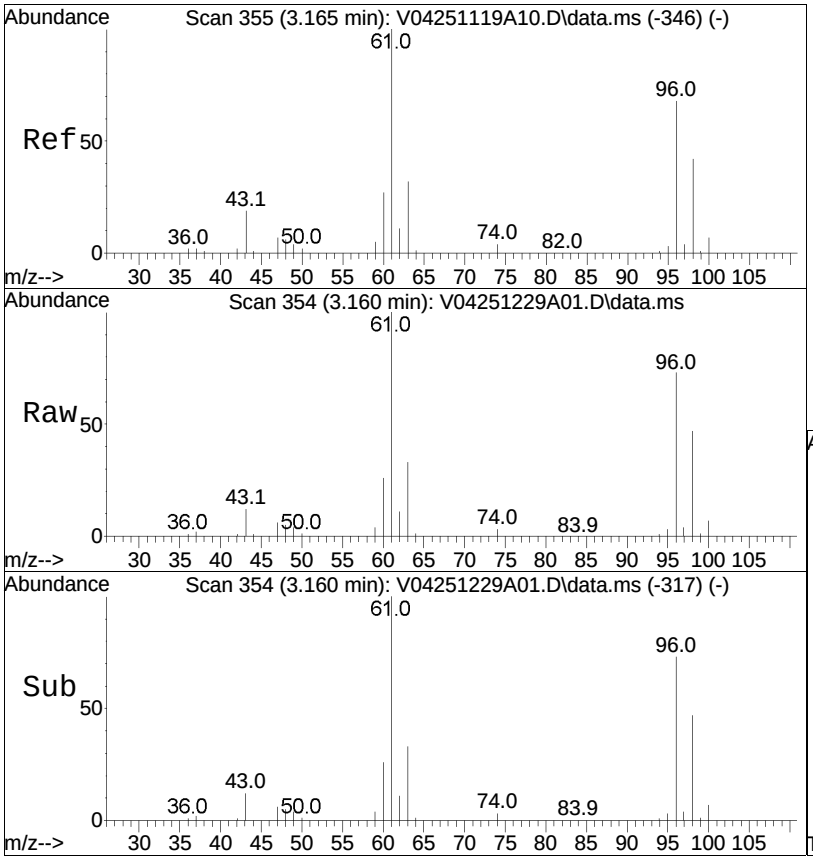


#17
Acetone
Concen: 23.78 ug/L
RT: 3.065 min Scan# 336
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 43 Resp: 44364

Ion	Ratio	Lower	Upper
43	100		
58	37.4	23.2	34.8#

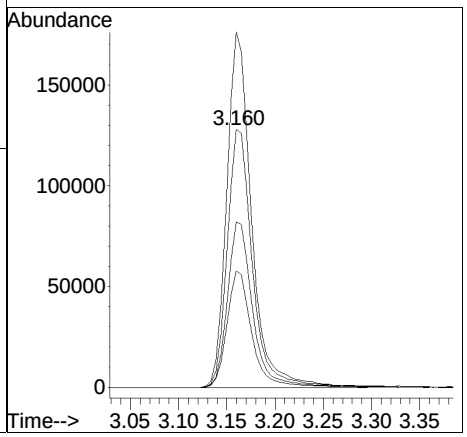


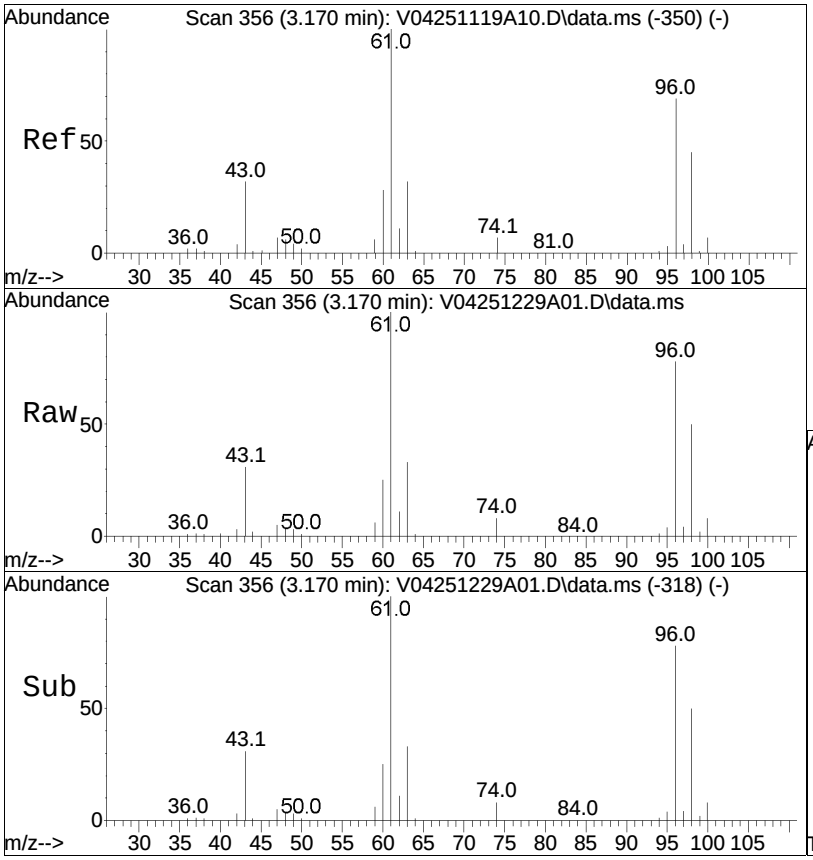


#18
trans-1,2-Dichloroethene
Concen: 45.23 ug/L
RT: 3.160 min Scan# 354
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 96 Resp: 233610

Ion	Ratio	Lower	Upper
96	100		
61	135.7	103.7	215.3
98	64.4	41.0	85.0
63	44.2	32.1	66.7

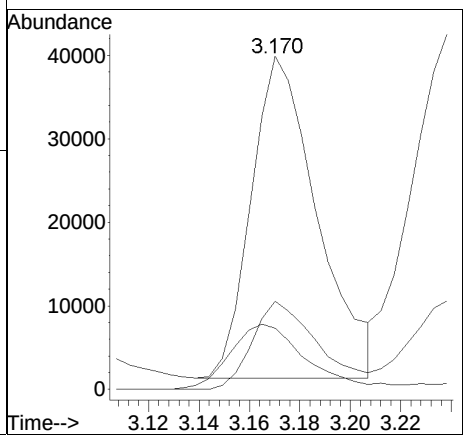


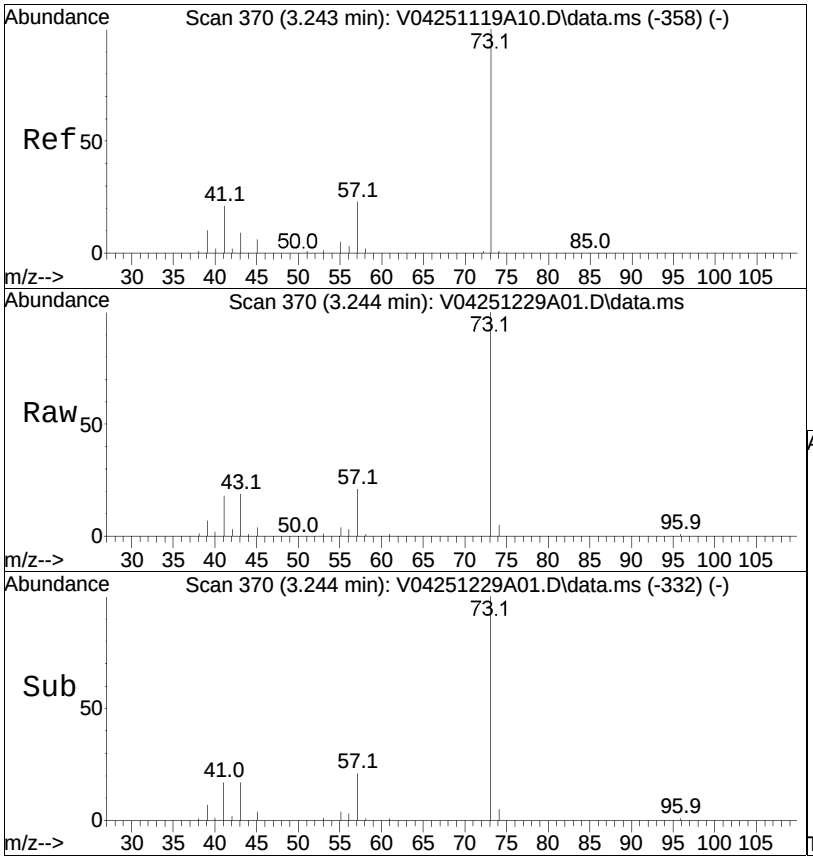


#19
Methyl acetate
Concen: 36.23 ug/L
RT: 3.170 min Scan# 356
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 43 Resp: 70062

Ion	Ratio	Lower	Upper
43	100		
74	27.3	16.2	24.2#
59	23.2	13.7	20.5#

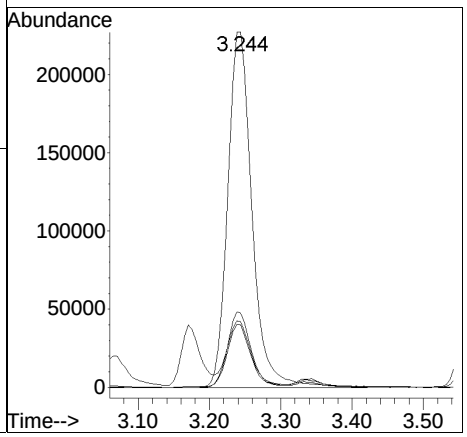


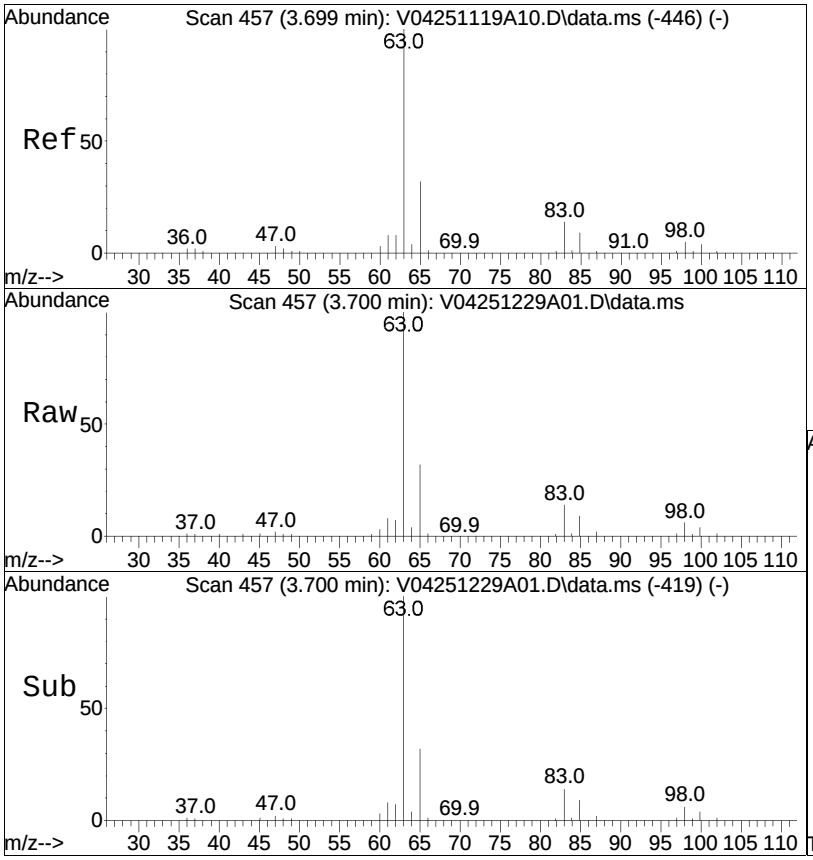


#20
Methyl tert-butyl ether
Concen: 42.15 ug/L
RT: 3.244 min Scan# 370
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 73 Resp: 539825

Ion	Ratio	Lower	Upper
73	100		
57	20.5	16.3	33.9
43	18.1	14.7	30.5
41	16.7	15.4	32.0

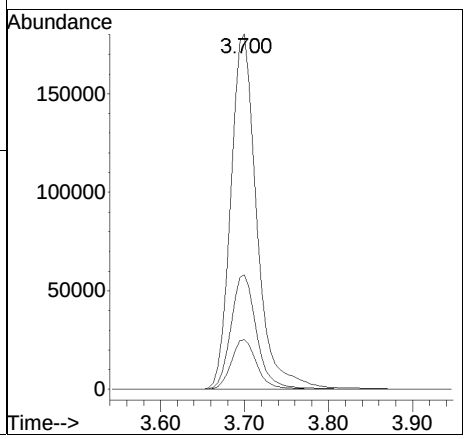


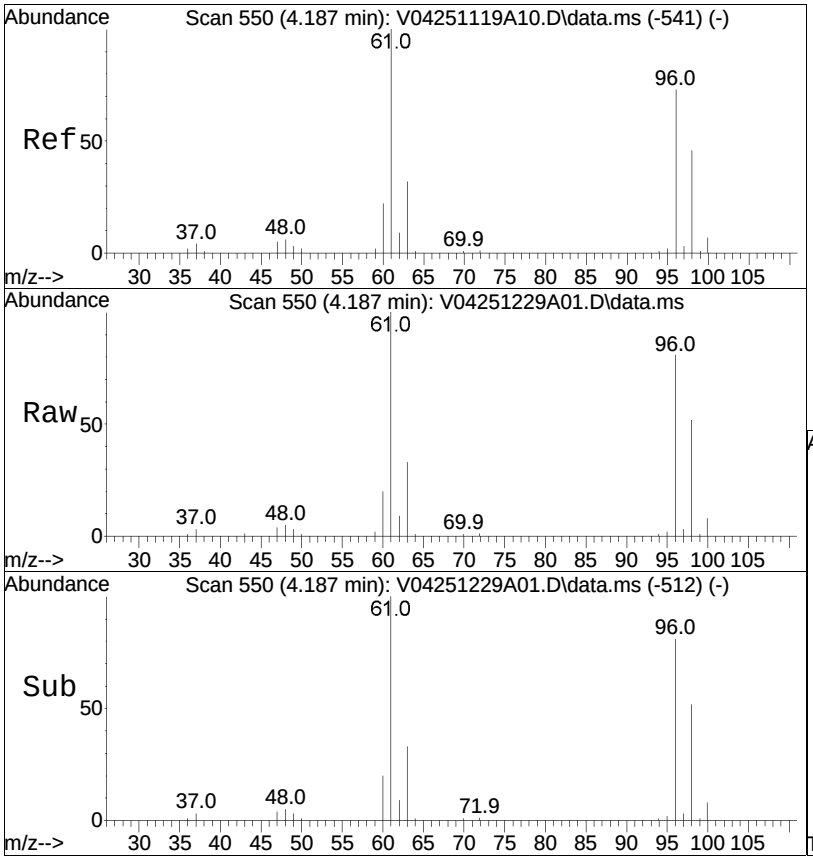


#23
1,1-Dichloroethane
Concen: 40.23 ug/L
RT: 3.700 min Scan# 457
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 63 Resp: 389305

Ion	Ratio	Lower	Upper
63	100		
65	31.8	10.4	50.4
83	13.8	0.0	32.2

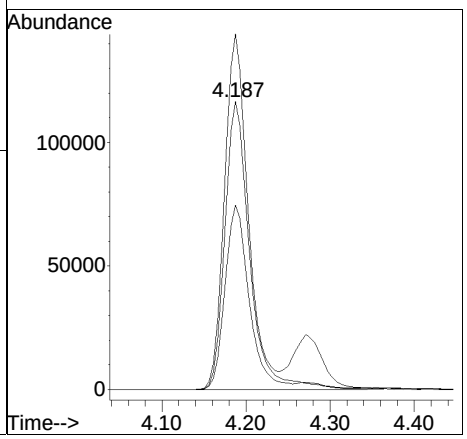


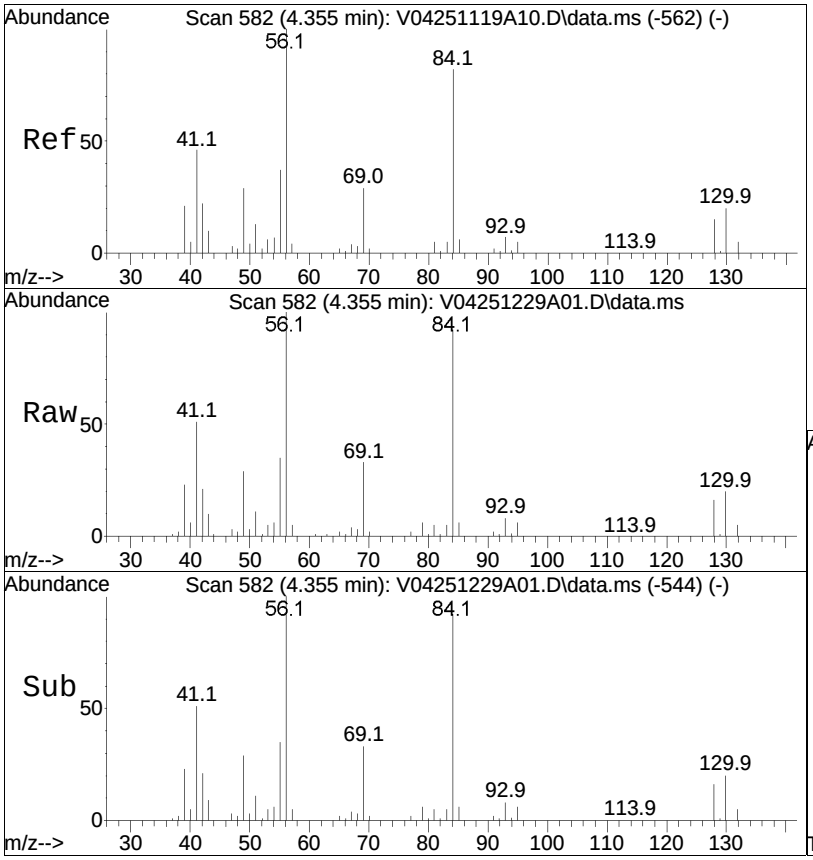


#28
cis-1,2-Dichloroethene
Concen: 41.33 ug/L
RT: 4.187 min Scan# 550
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 96 Resp: 241214

Ion	Ratio	Lower	Upper
96	100		
61	117.2	114.4	171.6
98	62.1	51.3	76.9

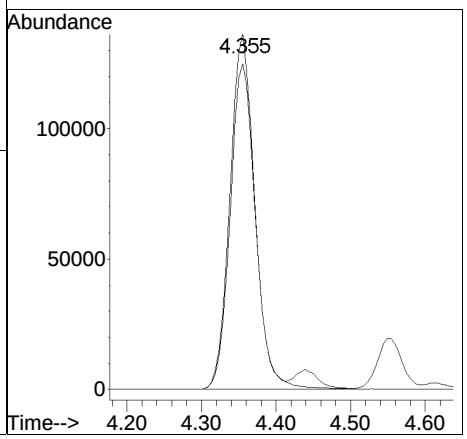


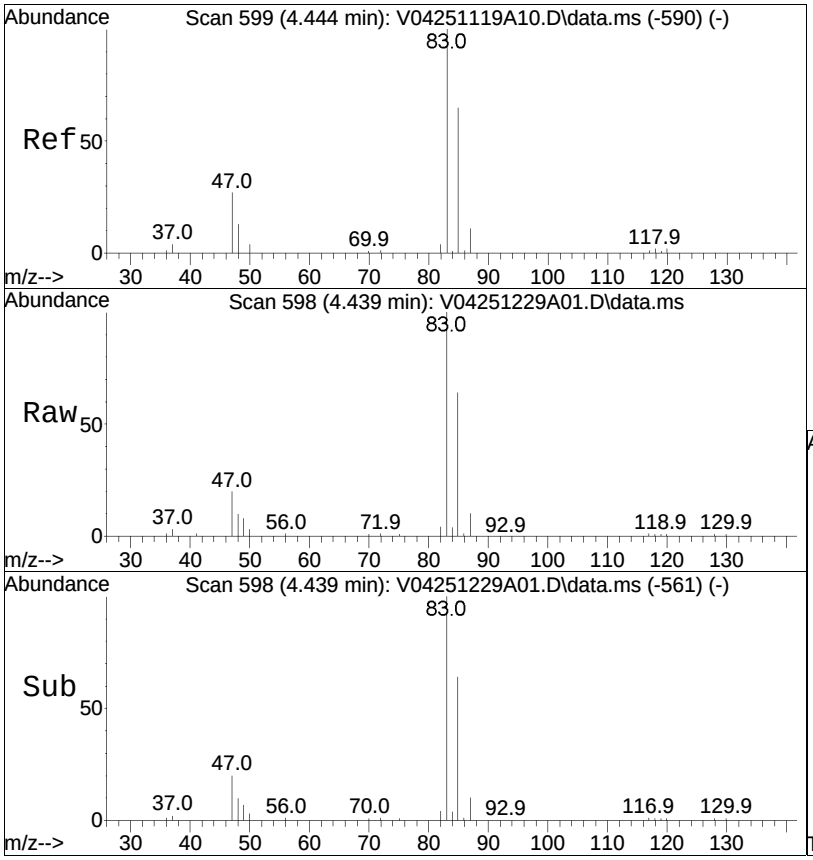


#31
Cyclohexane
Concen: 40.46 ug/L
RT: 4.355 min Scan# 582
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 56 Resp: 318380

Ion	Ratio	Lower	Upper
56	100		
84	91.8	48.2	100.2

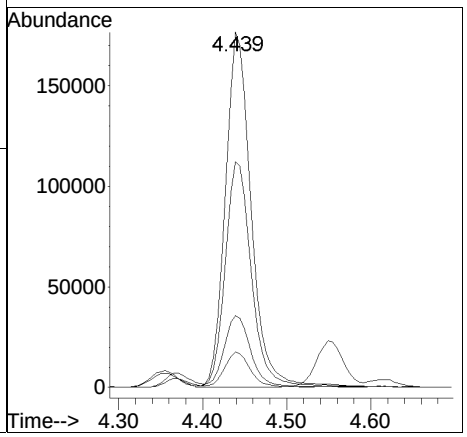


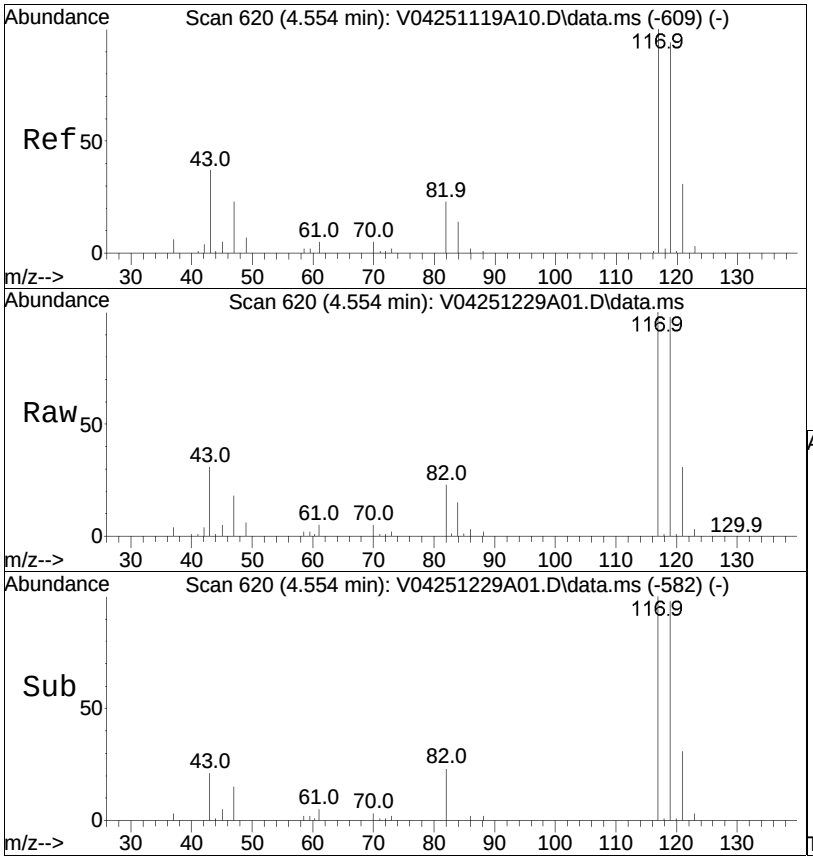


#32
Chloroform
Concen: 40.92 ug/L
RT: 4.439 min Scan# 598
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 83 Resp: 375397

Ion	Ratio	Lower	Upper
83	100		
85	63.5	41.9	87.1
47	19.5	16.7	34.7
48	9.7	7.9	16.3

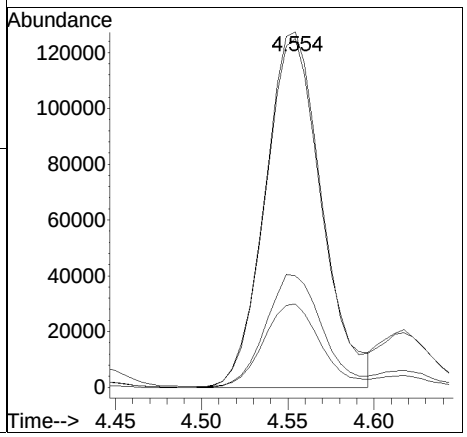


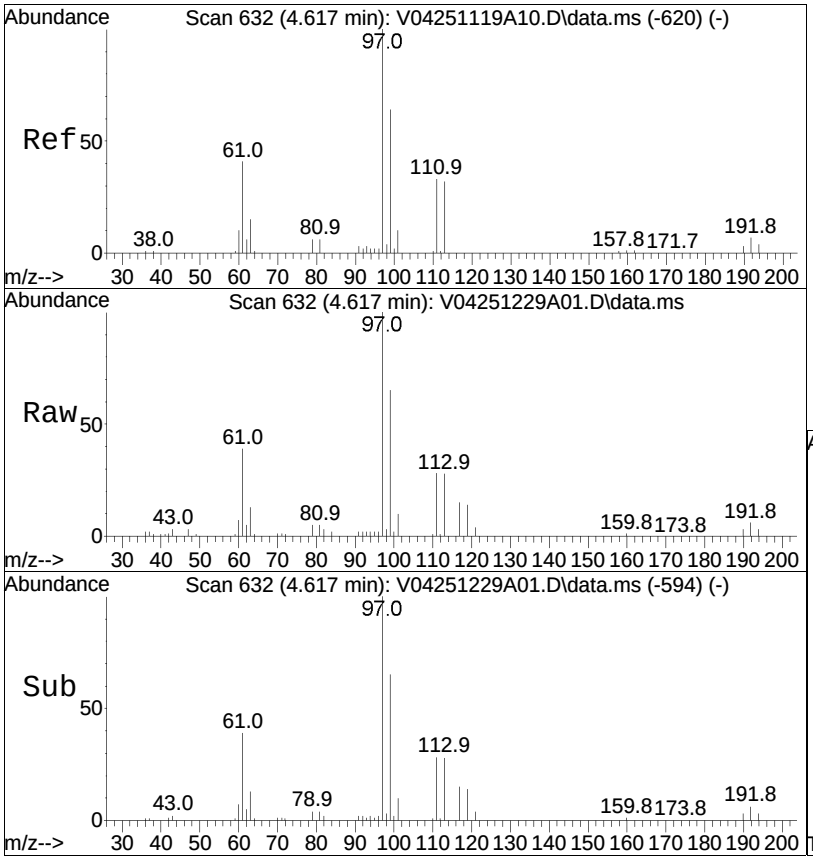


#34
Carbon tetrachloride
Concen: 39.37 ug/L
RT: 4.554 min Scan# 620
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:117 Resp: 292216

Ion	Ratio	Lower	Upper
117	100		
119	96.0	62.9	130.7
121	31.7	20.2	42.0
82	23.5	14.9	30.9

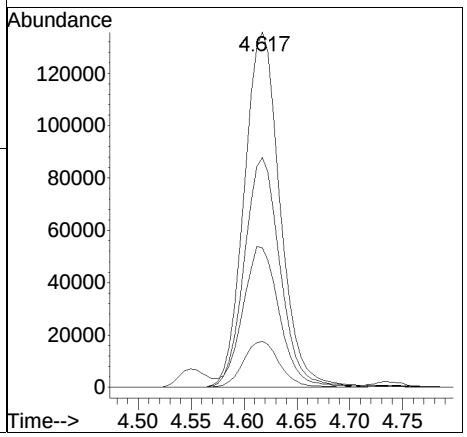


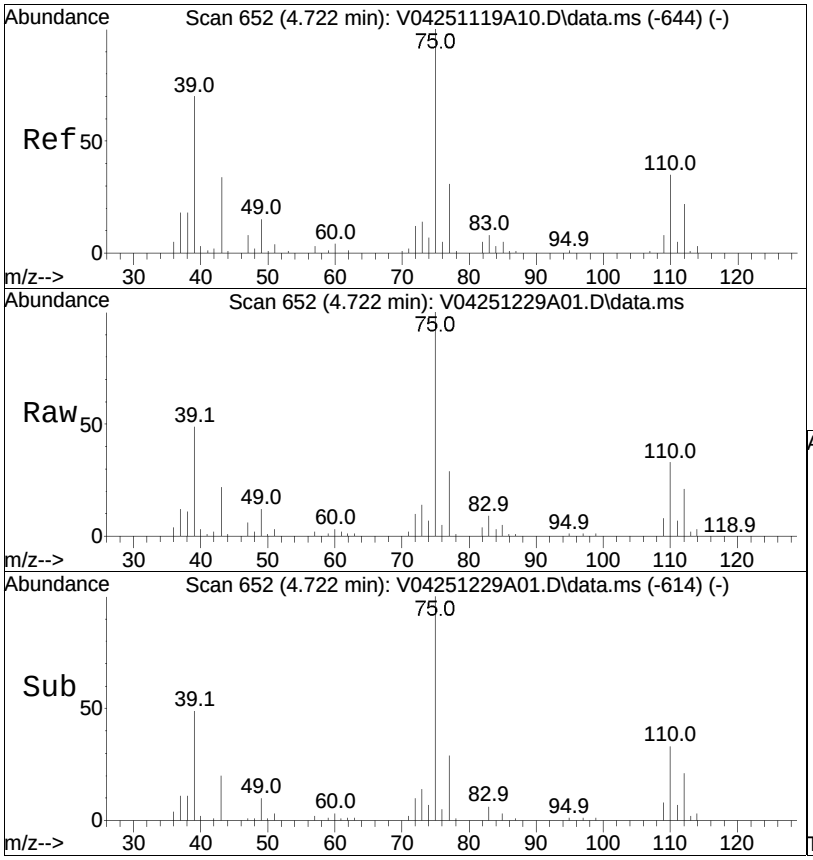


#37
1,1,1-Trichloroethane
Concen: 41.64 ug/L
RT: 4.617 min Scan# 632
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 97 Resp: 321236

Ion	Ratio	Lower	Upper
97	100		
99	64.8	41.7	86.7
61	40.7	30.9	64.3
63	13.2	9.6	20.0

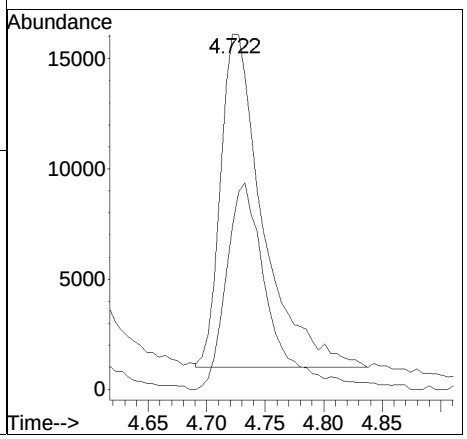


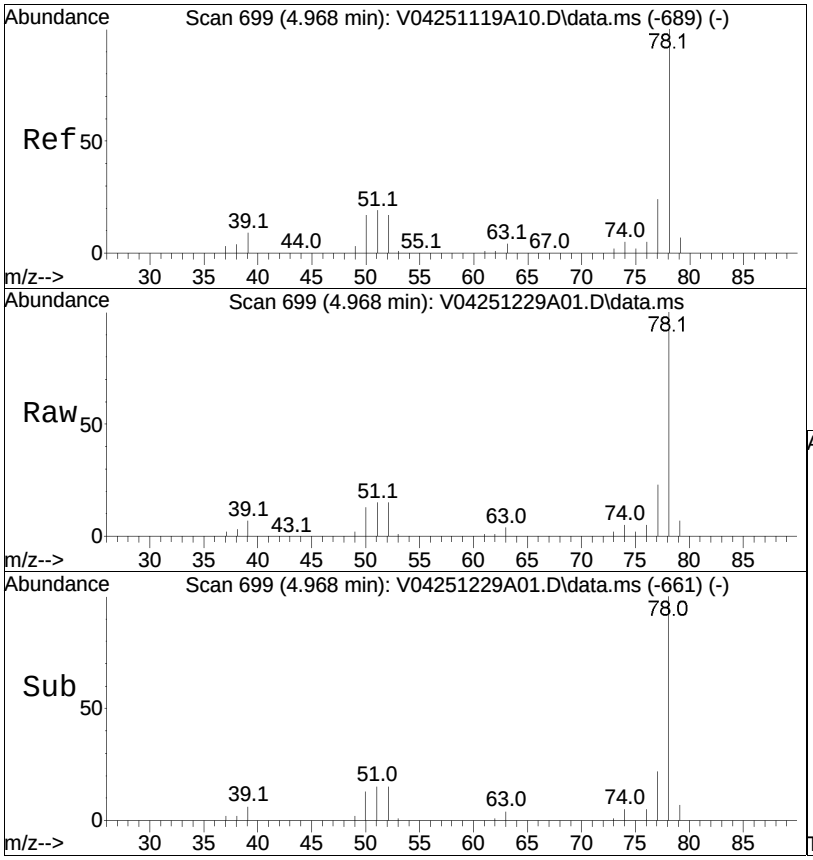


#39
2-Butanone
Concen: 28.43 ug/L
RT: 4.722 min Scan# 652
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 43 Resp: 37985

Ion	Ratio	Lower	Upper
43	100		
72	62.0	25.8	38.8#

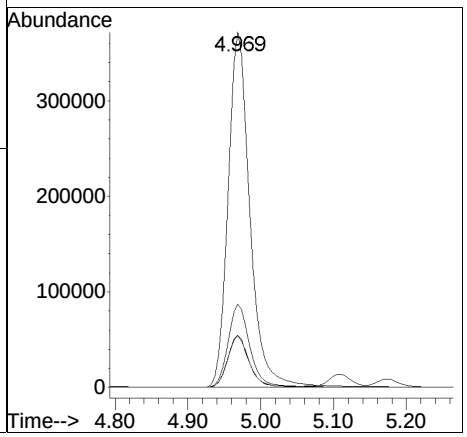


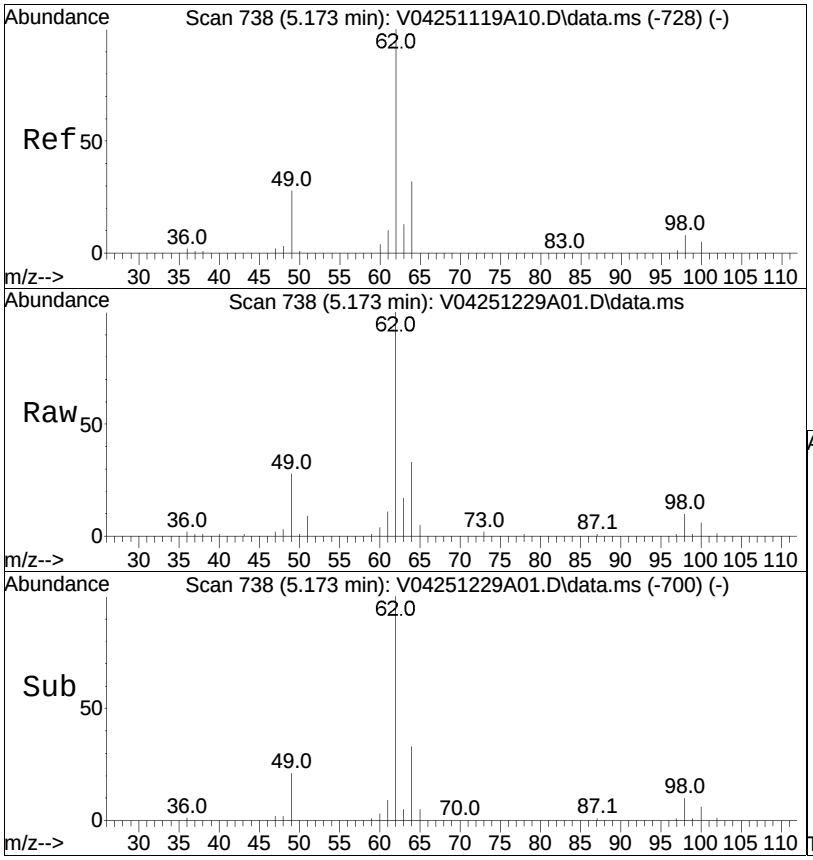


#41
Benzene
Concen: 42.92 ug/L
RT: 4.968 min Scan# 699
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 78 Resp: 778717

Ion	Ratio	Lower	Upper
78	100		
77	23.5	15.1	31.3
51	14.4	12.2	25.4
52	14.3	11.9	24.7

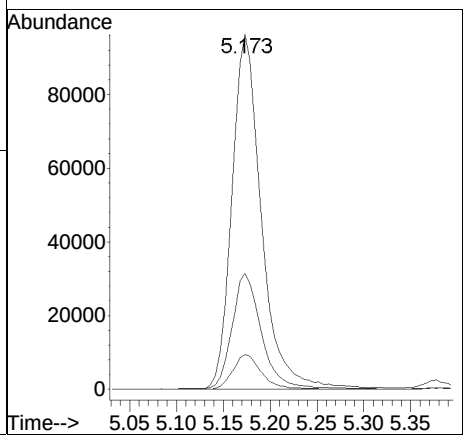


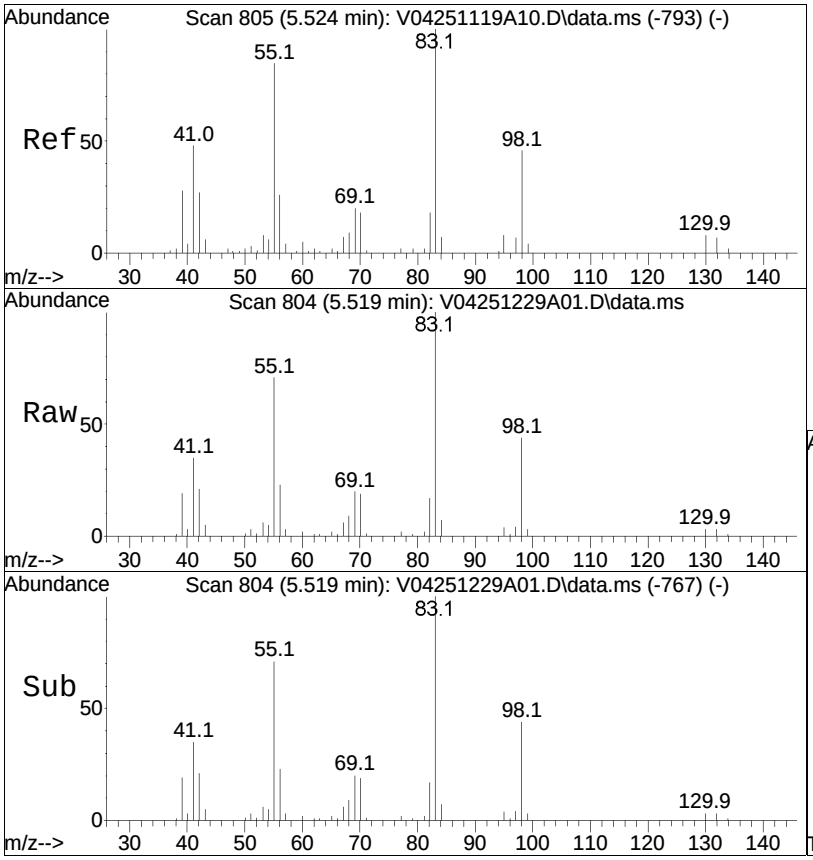


#44
1,2-Dichloroethane
Concen: 32.95 ug/L
RT: 5.173 min Scan# 738
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 62 Resp: 211689

Ion	Ratio	Lower	Upper
62	100		
64	33.1	11.3	51.3
98	9.6	0.0	27.5

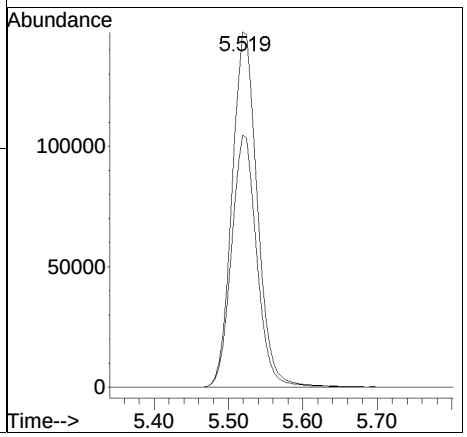


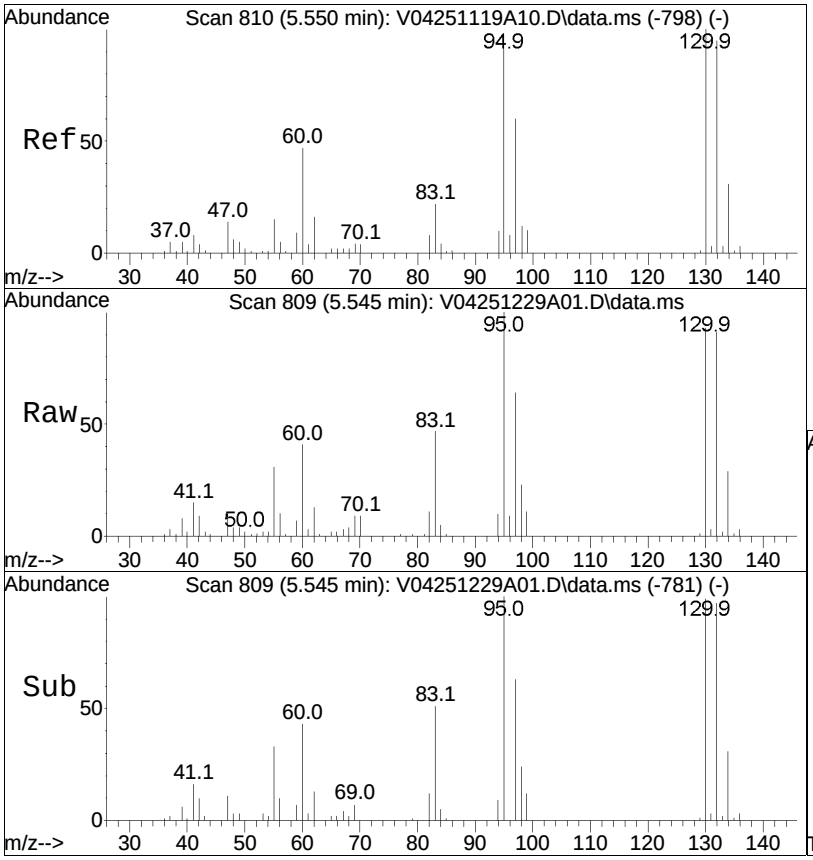


#47
Methyl cyclohexane
Concen: 45.97 ug/L
RT: 5.519 min Scan# 804
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 83 Resp: 349317

Ion	Ratio	Lower	Upper
83	100		
55	71.1	73.0	109.4#

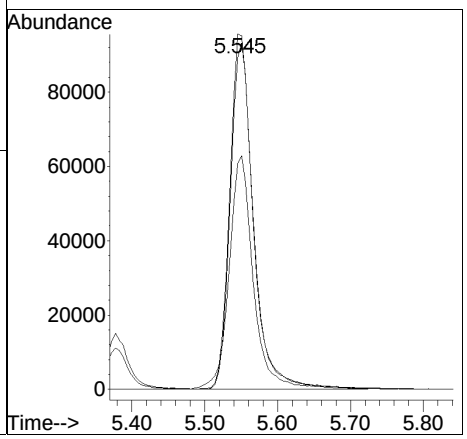


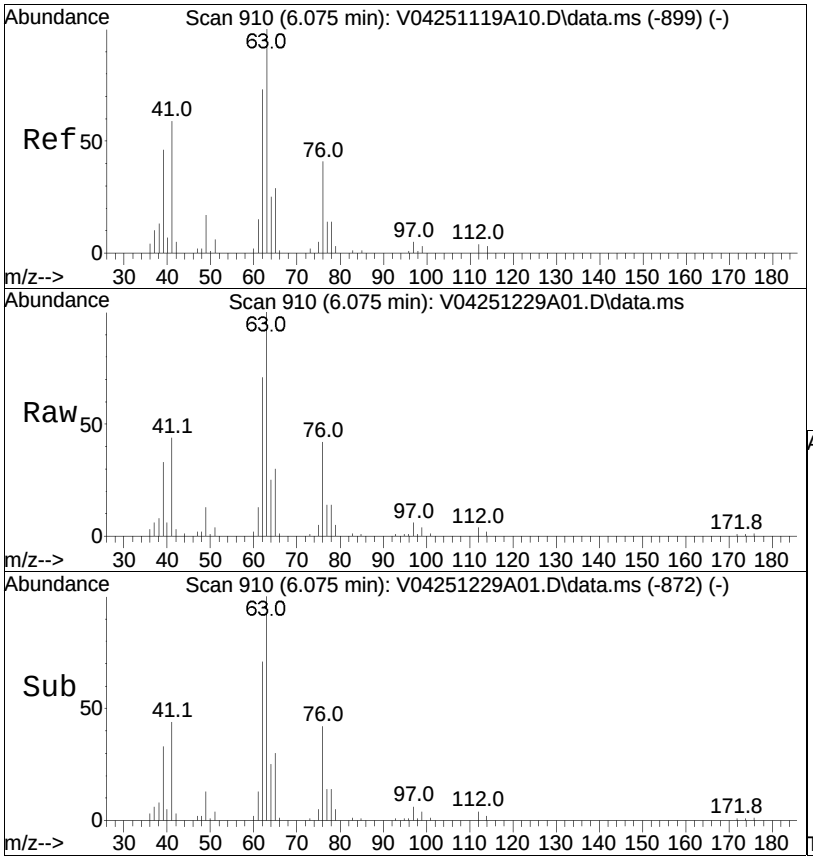


#48
Trichloroethene
Concen: 44.80 ug/L
RT: 5.545 min Scan# 809
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 95 Resp: 216264

Ion	Ratio	Lower	Upper
95	100		
97	67.4	53.9	80.9
130	96.5	83.1	124.7

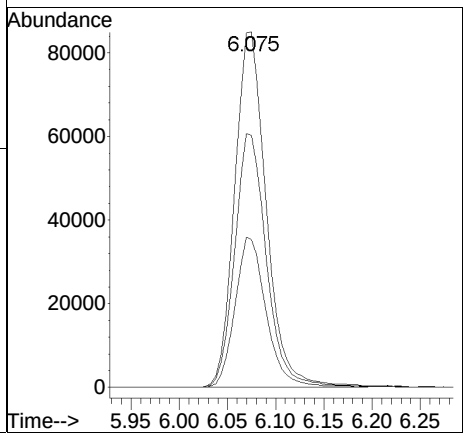


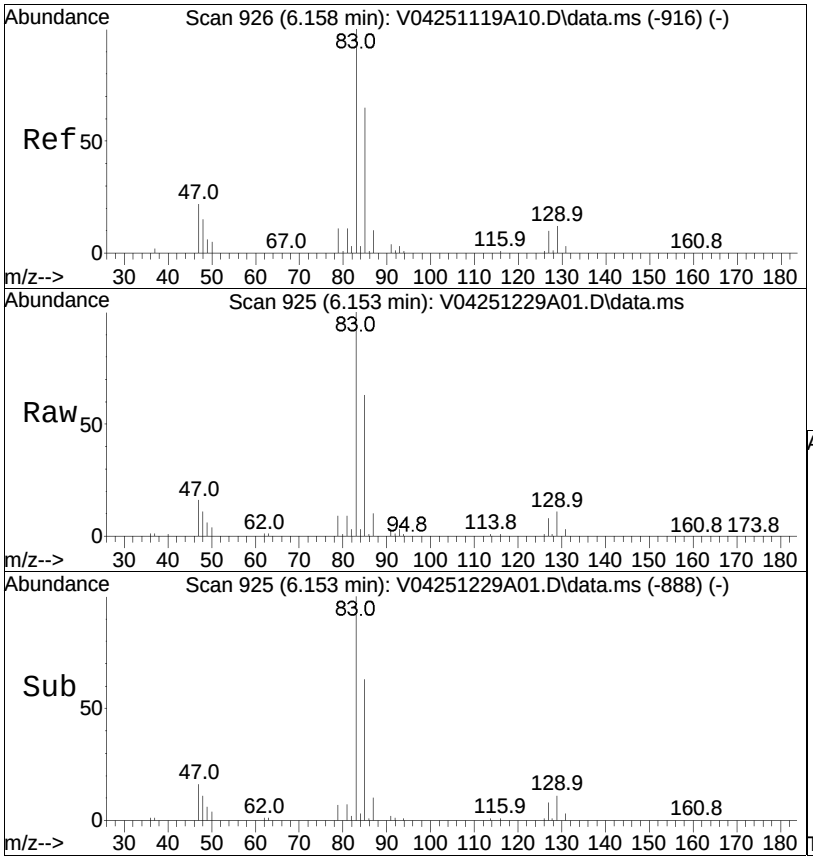


#51
1,2-Dichloropropane
Concen: 37.02 ug/L
RT: 6.075 min Scan# 910
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 63 Resp: 194661

Ion	Ratio	Lower	Upper
63	100		
62	71.9	58.2	87.2
76	41.7	31.4	47.2

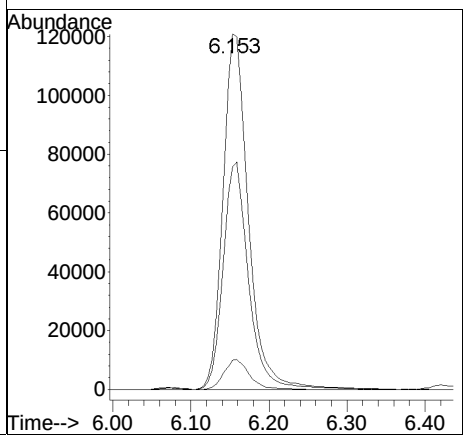


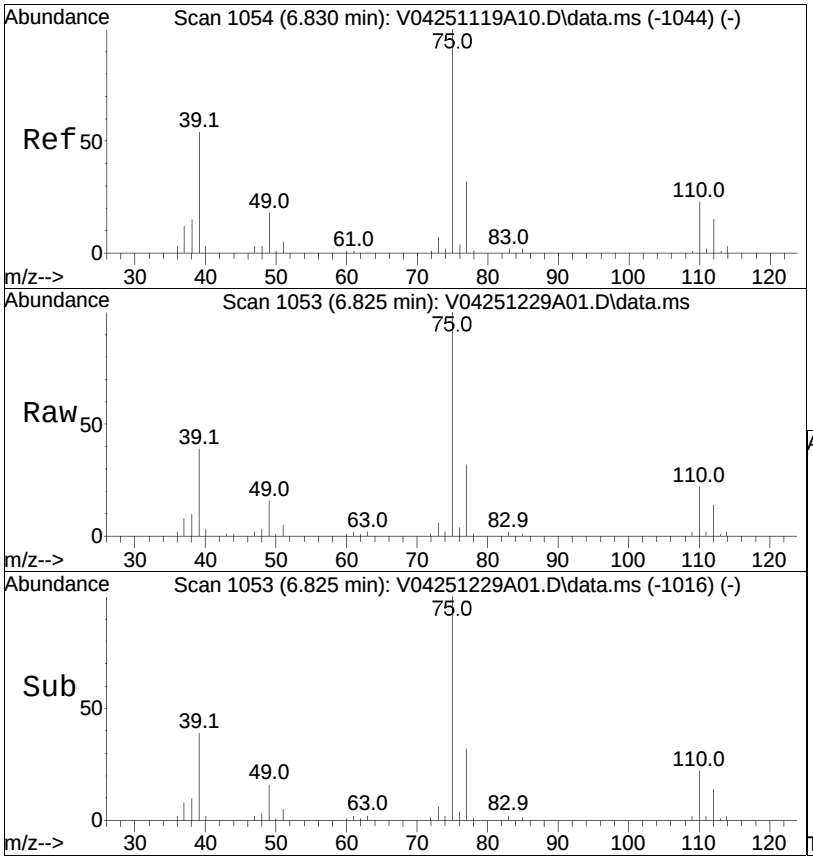


#54
Bromodichloromethane
Concen: 38.31 ug/L
RT: 6.153 min Scan# 925
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 83 Resp: 274750

Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.2	76.8
127	8.4	7.3	10.9

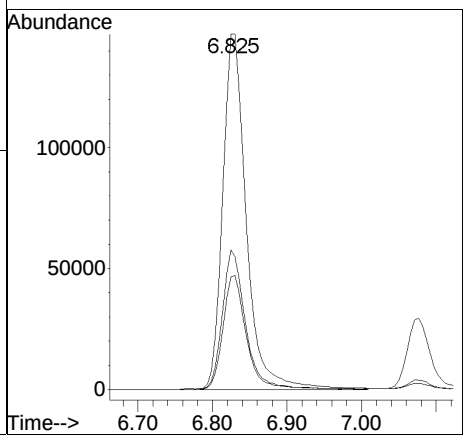


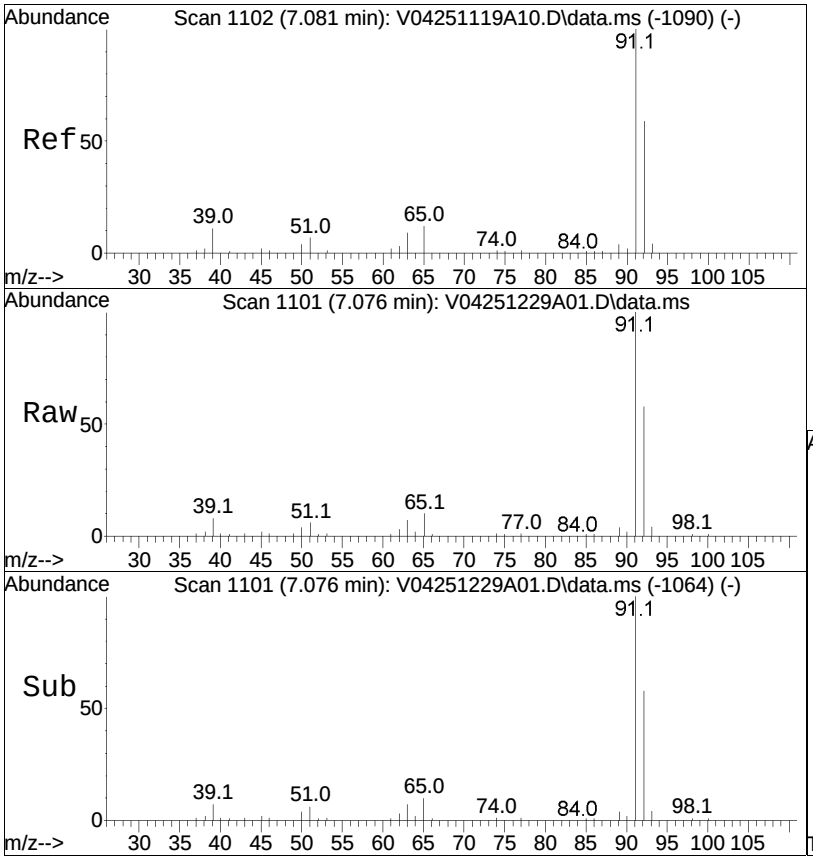


#58
cis-1,3-Dichloropropene
Concen: 41.95 ug/L
RT: 6.825 min Scan# 1053
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 75 Resp: 324631

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.3	37.9
39	37.5	40.2	60.2#

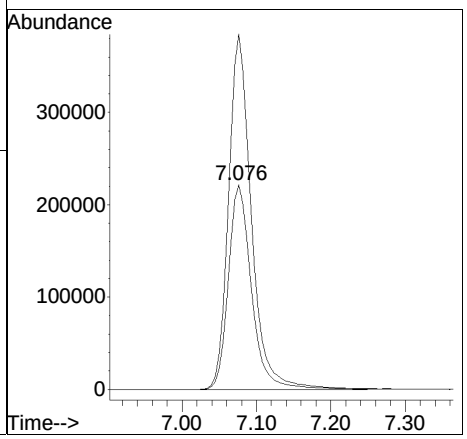


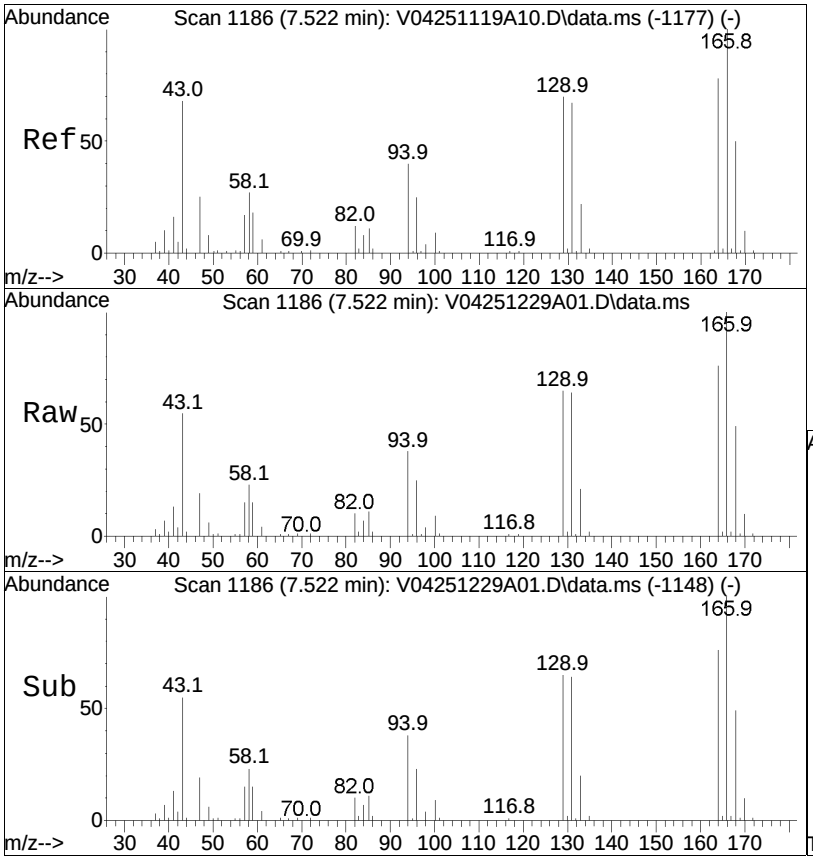


#61
Toluene
Concen: 44.04 ug/L
RT: 7.076 min Scan# 1101
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 92 Resp: 478969

Ion	Ratio	Lower	Upper
92	100		
91	171.1	135.8	203.6

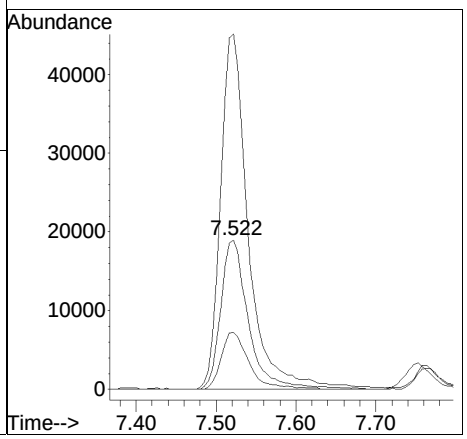


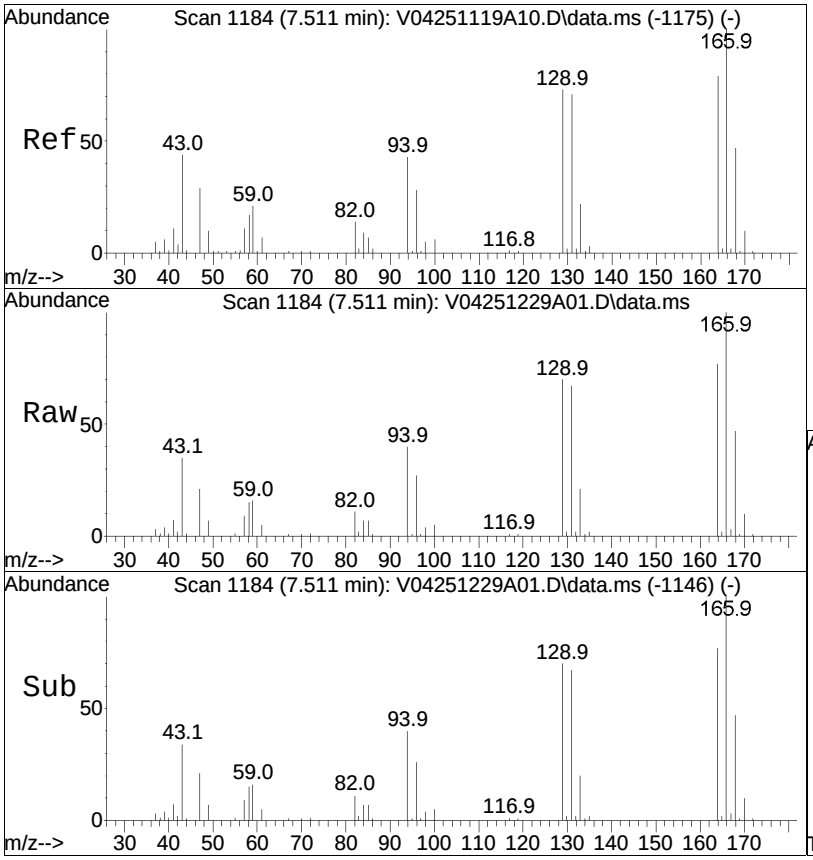


#62
4-Methyl-2-pentanone
Concen: 38.67 ug/L
RT: 7.522 min Scan# 1186
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 58 Resp: 46094

Ion	Ratio	Lower	Upper
58	100		
100	38.4	25.6	38.4#
43	235.0	195.7	293.5

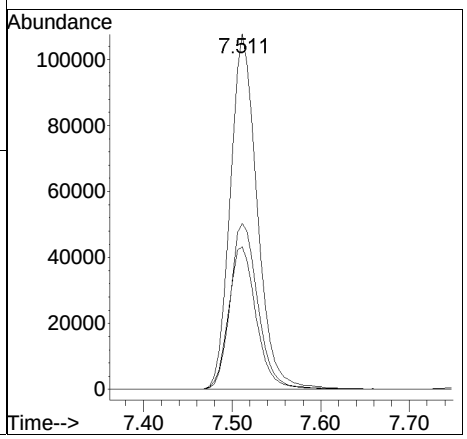


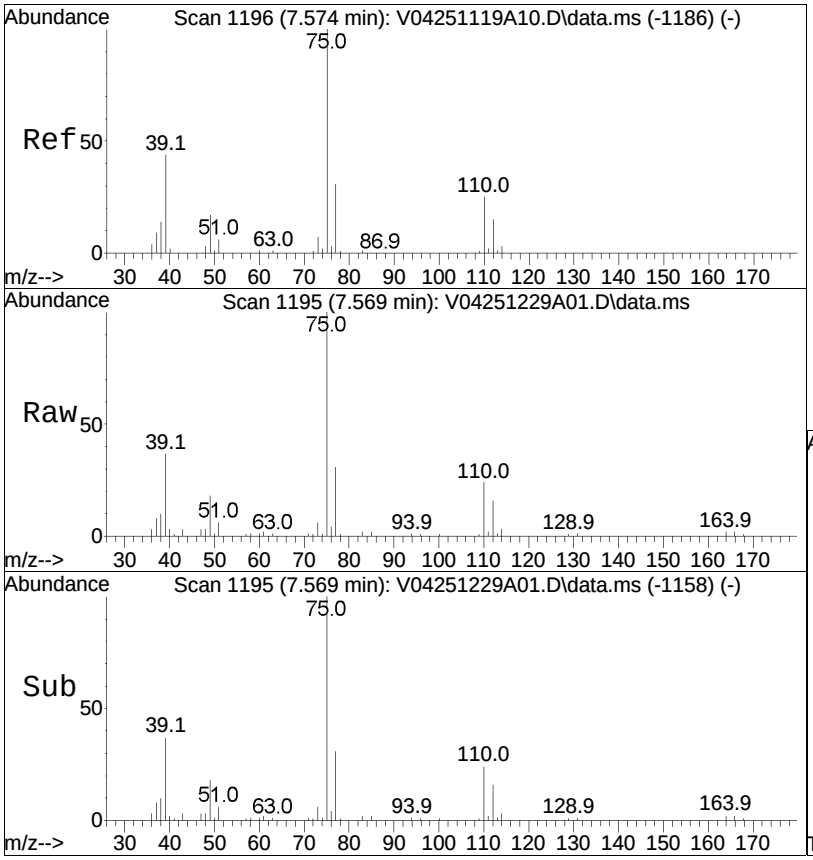


#63
Tetrachloroethene
Concen: 44.26 ug/L
RT: 7.511 min Scan# 1184
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:166 Resp: 228091

Ion	Ratio	Lower	Upper
166	100		
168	48.0	27.6	67.6
94	41.3	20.9	60.9

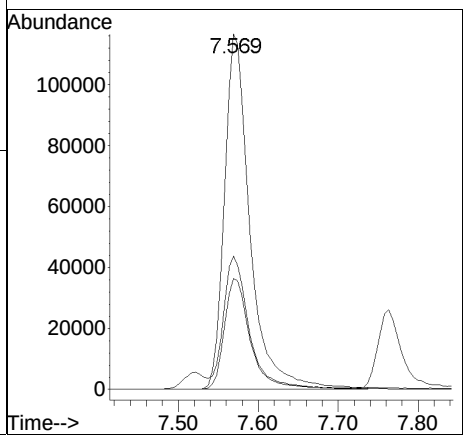


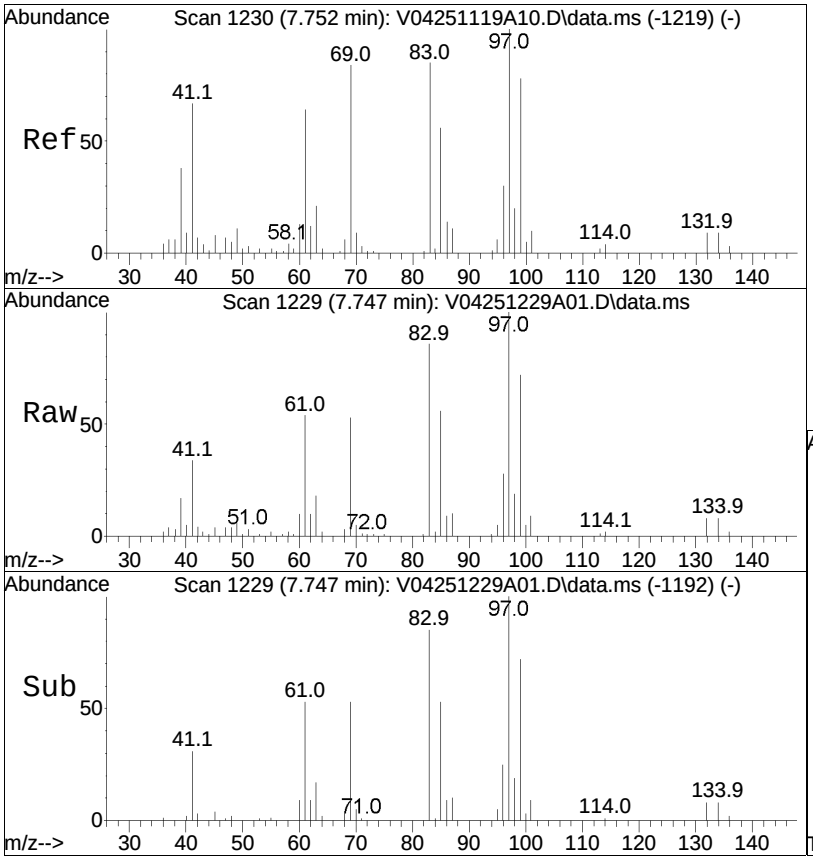


#65
trans-1,3-Dichloropropene
Concen: 44.13 ug/L
RT: 7.569 min Scan# 1195
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 75 Resp: 260449

Ion	Ratio	Lower	Upper
75	100		
77	31.8	12.0	52.0
39	37.3	29.3	69.3

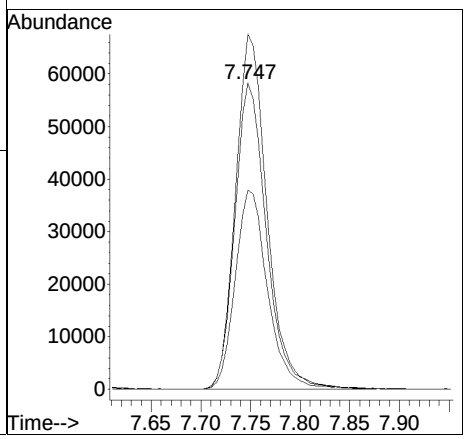


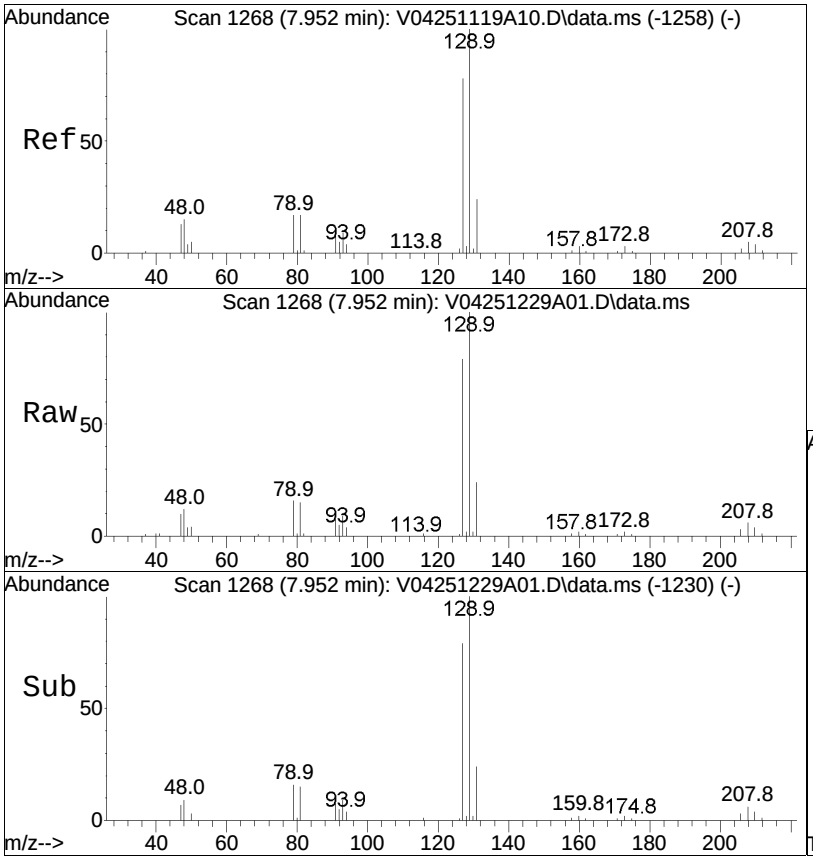


#68
1,1,2-Trichloroethane
Concen: 40.20 ug/L
RT: 7.747 min Scan# 1229
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 83 Resp: 129689

Ion	Ratio	Lower	Upper
83	100		
97	115.1	99.3	139.3
85	66.9	47.8	87.8

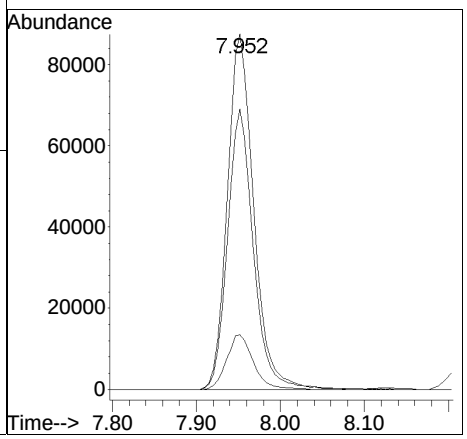


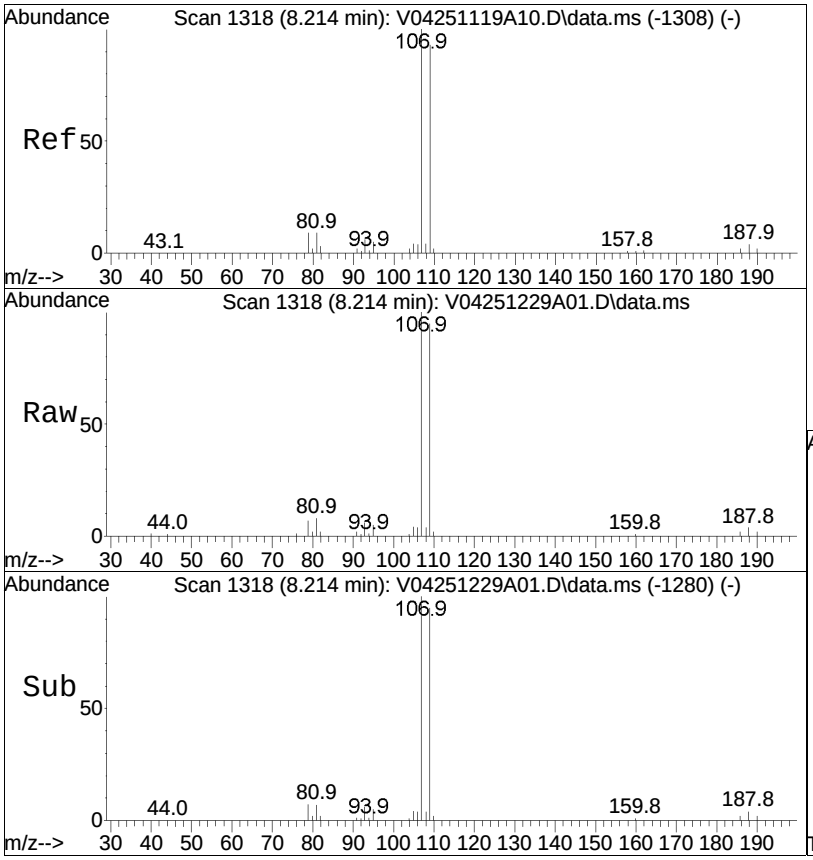


#69
Chlorodibromomethane
Concen: 38.29 ug/L
RT: 7.952 min Scan# 1268
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:129 Resp: 190980

Ion	Ratio	Lower	Upper
129	100		
81	15.5	0.0	34.6
127	77.1	56.9	96.9

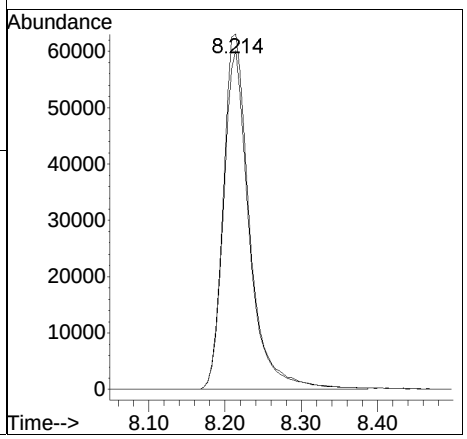


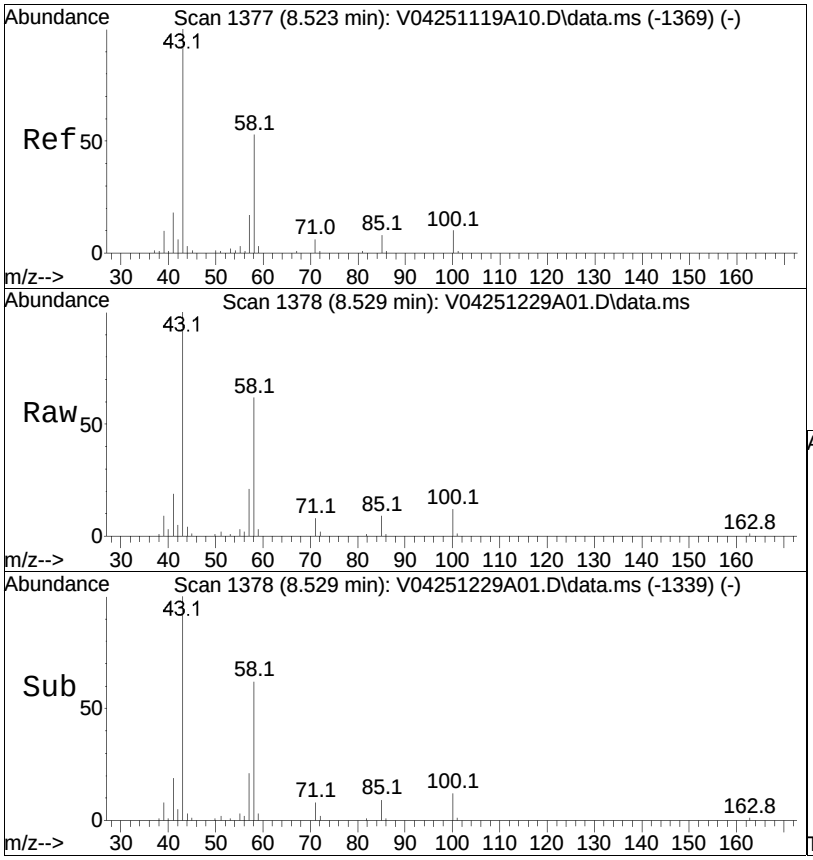


#71
1,2-Dibromoethane
Concen: 42.80 ug/L
RT: 8.214 min Scan# 1318
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:107 Resp: 152021

Ion	Ratio	Lower	Upper
107	100		
109	93.1	75.4	113.0

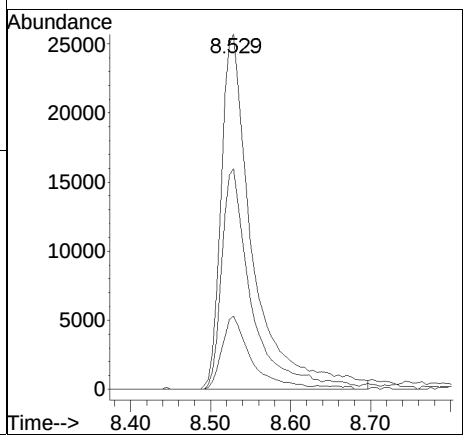


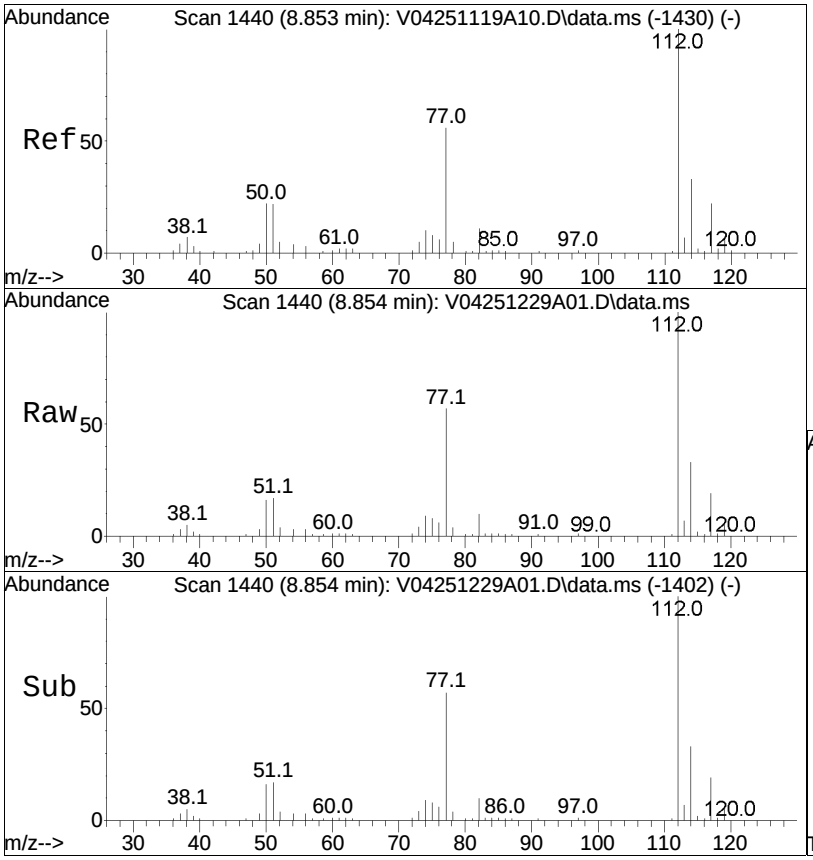


#72
2-Hexanone
Concen: 34.89 ug/L
RT: 8.529 min Scan# 1378
Delta R.T. 0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 43 Resp: 70782

Ion	Ratio	Lower	Upper
43	100		
58	59.1	44.7	67.1
57	19.1	15.4	23.0

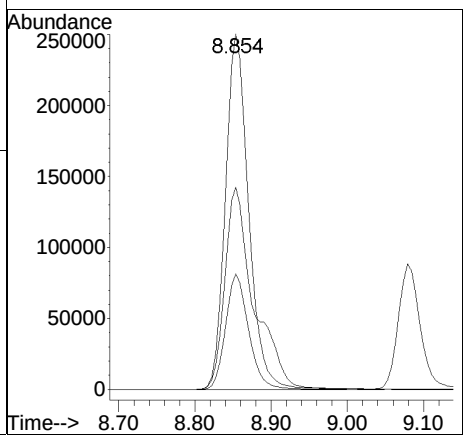


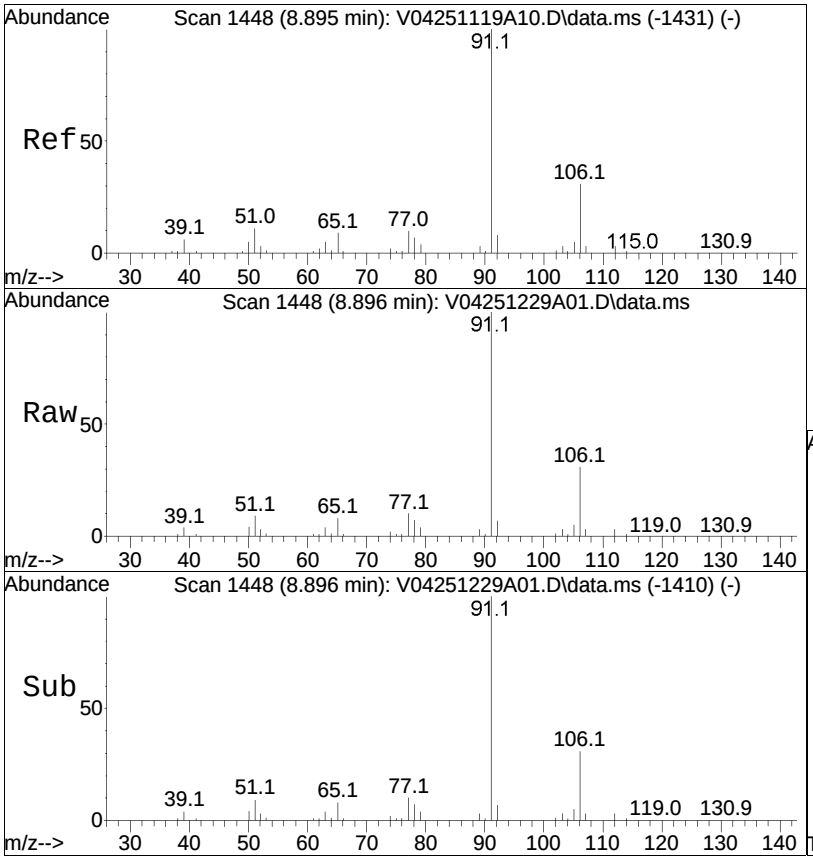


#73
Chlorobenzene
Concen: 43.41 ug/L
RT: 8.854 min Scan# 1440
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:112 Resp: 529900

Ion	Ratio	Lower	Upper
112	100		
77	71.4	55.3	82.9
114	32.3	25.5	38.3

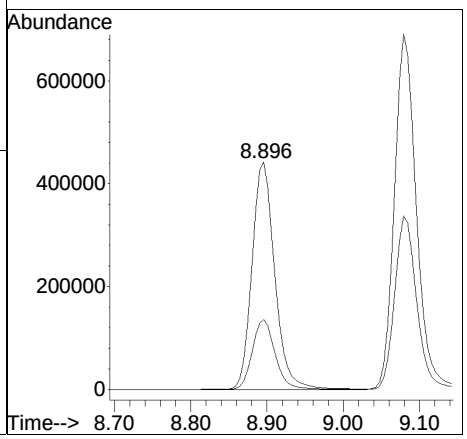


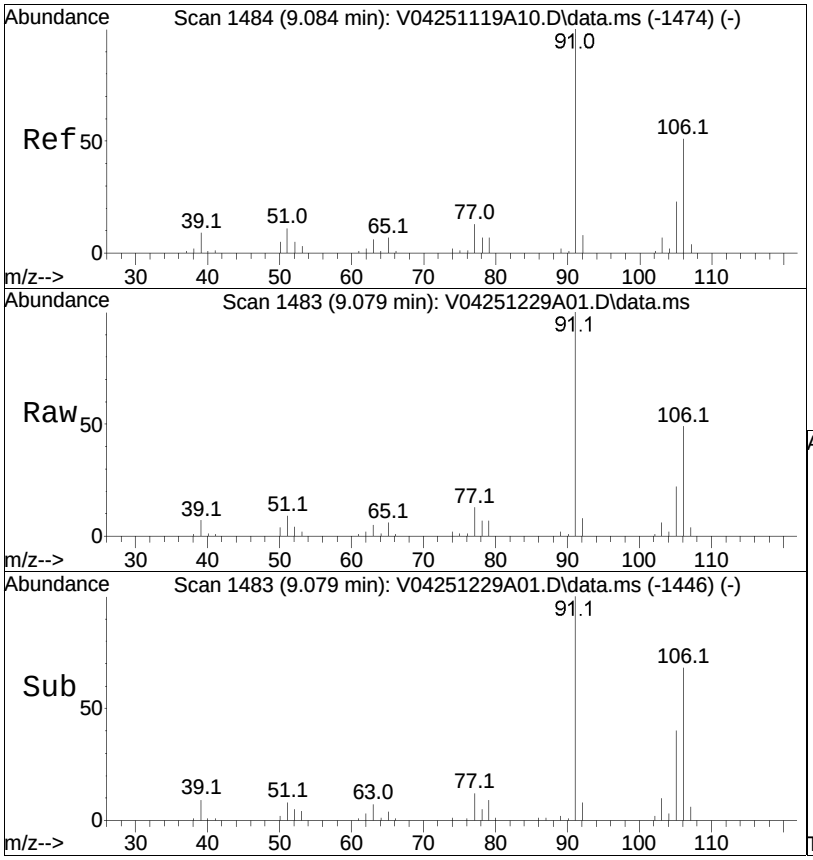


#74
Ethylbenzene
Concen: 46.98 ug/L
RT: 8.896 min Scan# 1448
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 91 Resp: 917167

Ion	Ratio	Lower	Upper
91	100		
106	30.8	25.4	38.2

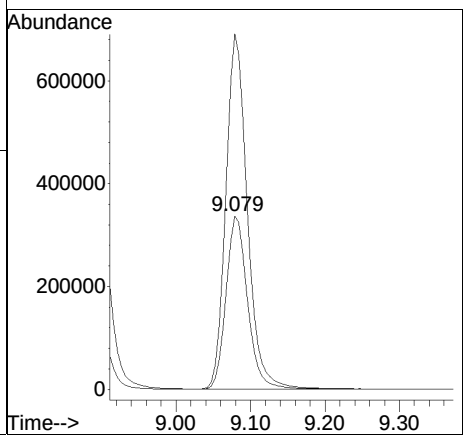


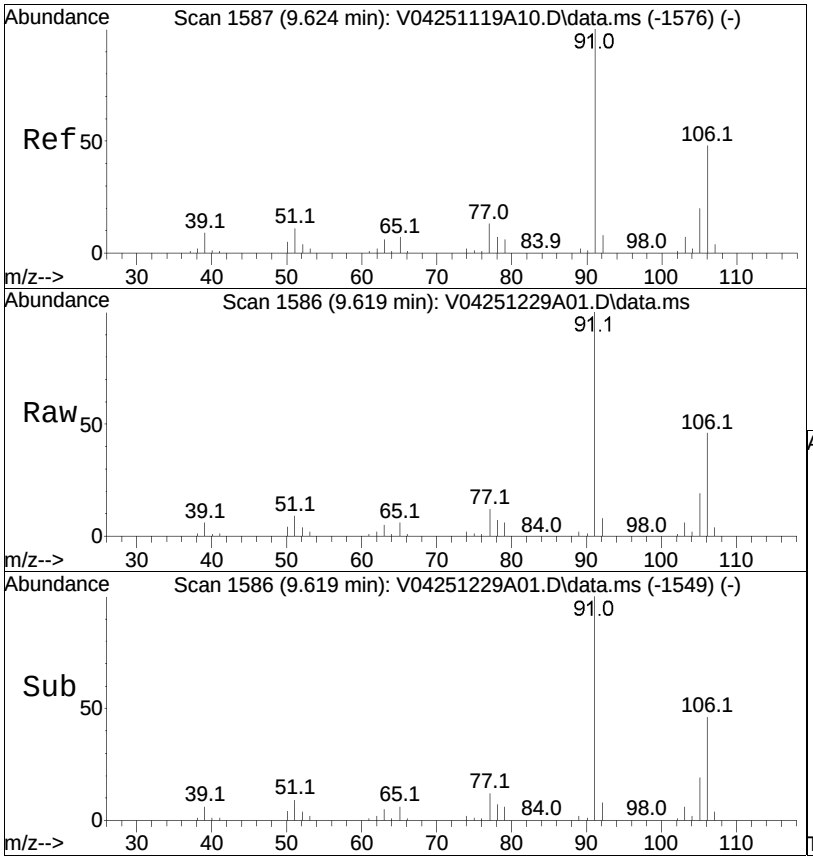


#76
p/m Xylene
Concen: 91.70 ug/L
RT: 9.079 min Scan# 1483
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:106 Resp: 679676

Ion	Ratio	Lower	Upper
106	100		
91	203.1	157.1	235.7

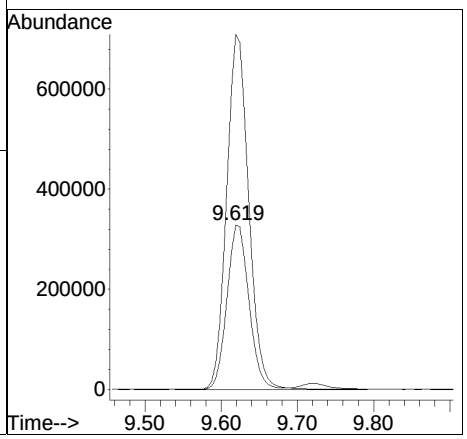


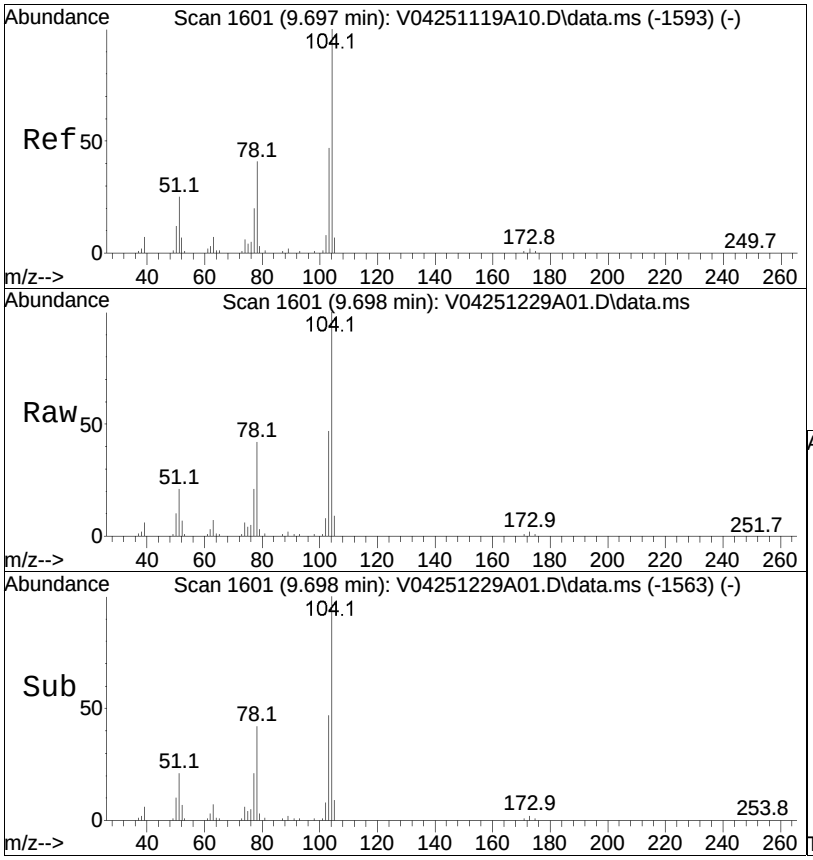


#77
o Xylene
Concen: 88.45 ug/L
RT: 9.619 min Scan# 1586
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:106 Resp: 664951

Ion	Ratio	Lower	Upper
106	100		
91	213.7	165.9	248.9

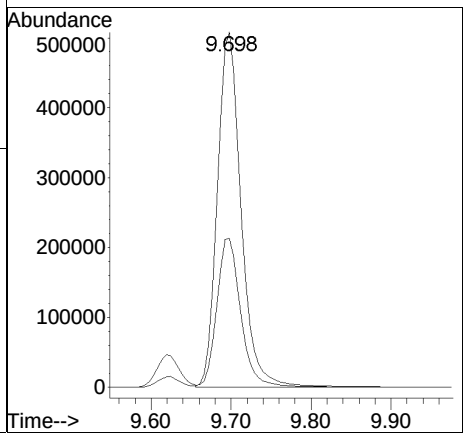


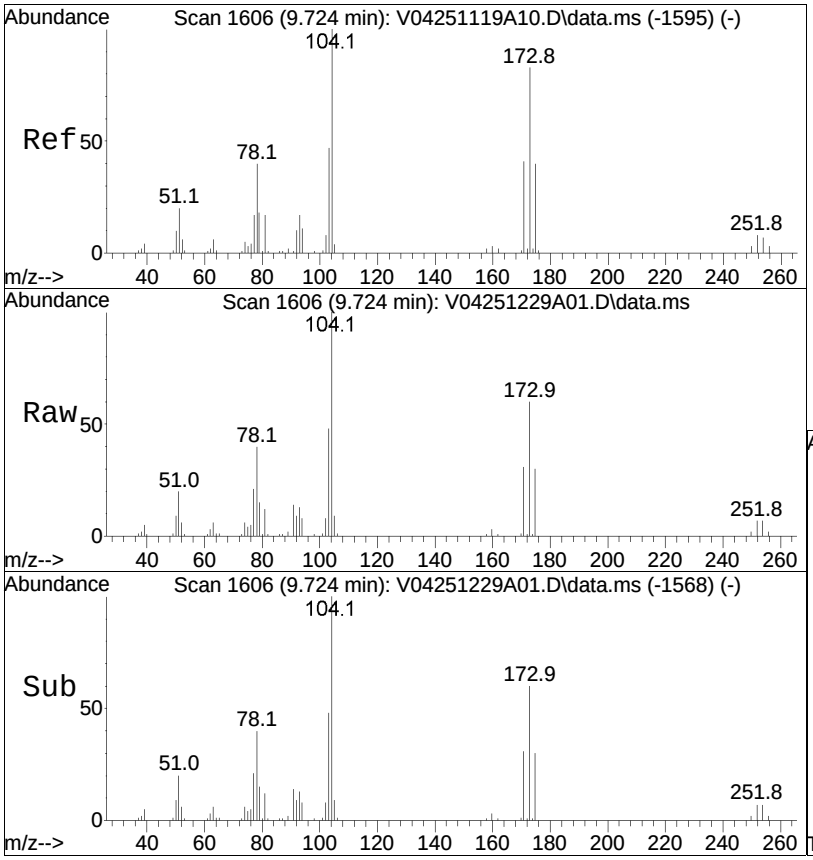


#78
Styrene
Concen: 85.90 ug/L
RT: 9.698 min Scan# 1601
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:104 Resp: 1045119

Ion	Ratio	Lower	Upper
104	100		
78	42.5	33.0	49.4

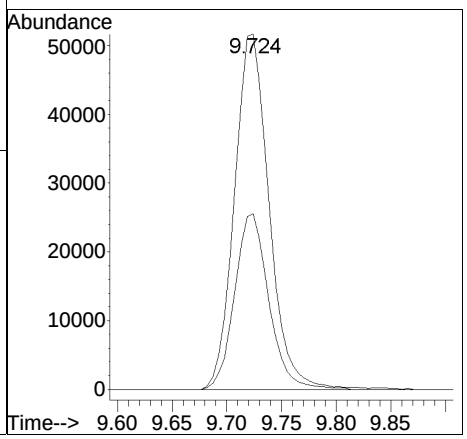


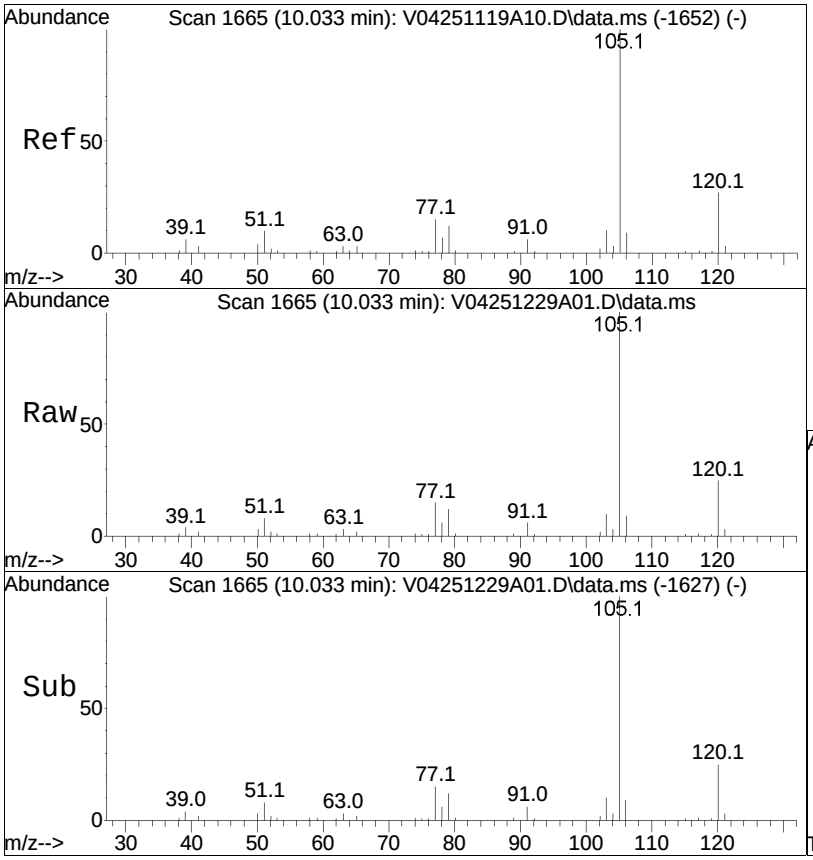


#80
Bromoform
Concen: 38.24 ug/L
RT: 9.724 min Scan# 1606
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:173 Resp: 113893

Ion	Ratio	Lower	Upper
173	100		
175	48.7	28.2	68.2

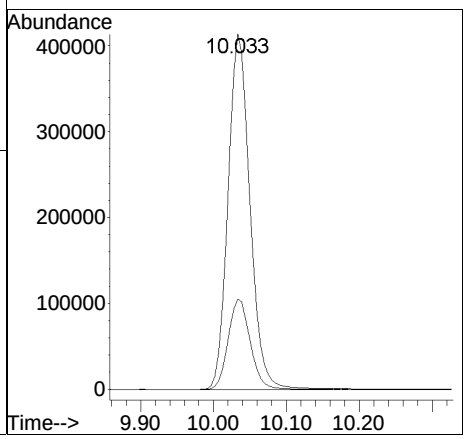


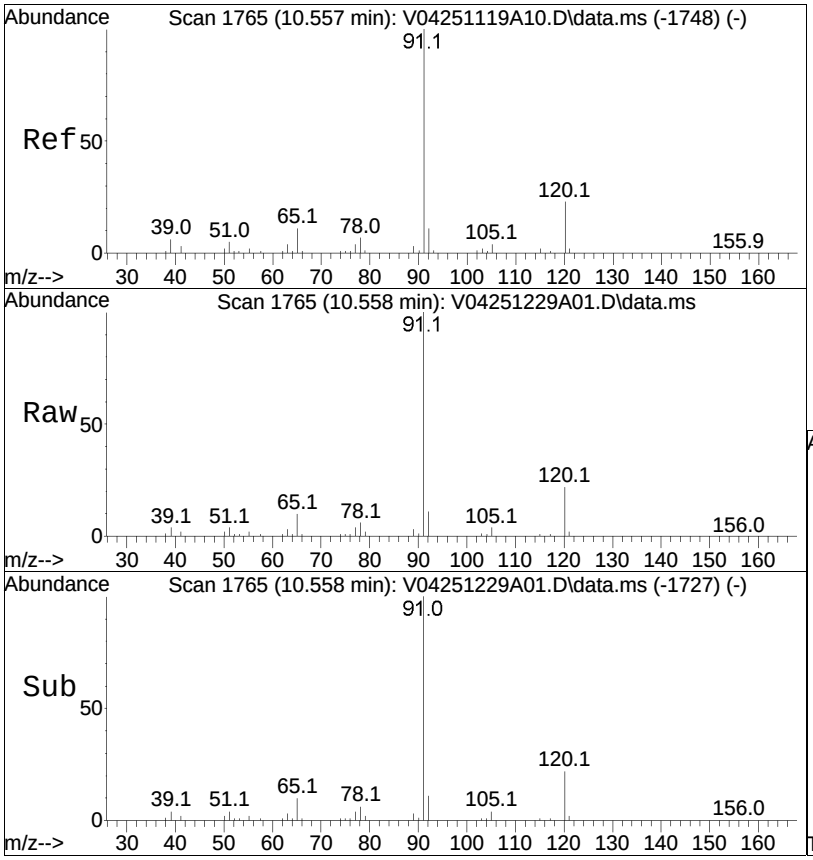


#82
Isopropylbenzene
Concen: 47.69 ug/L
RT: 10.033 min Scan# 1665
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:105 Resp: 866352

Ion	Ratio	Lower	Upper
105	100		
120	25.5	6.0	46.0

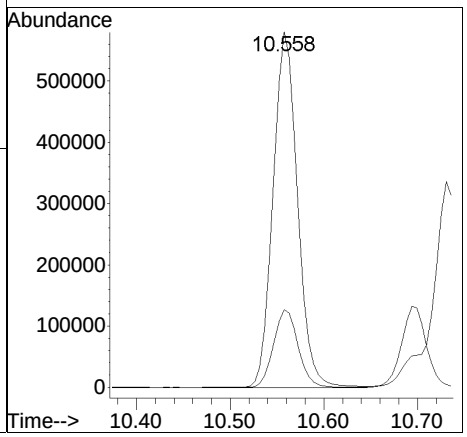


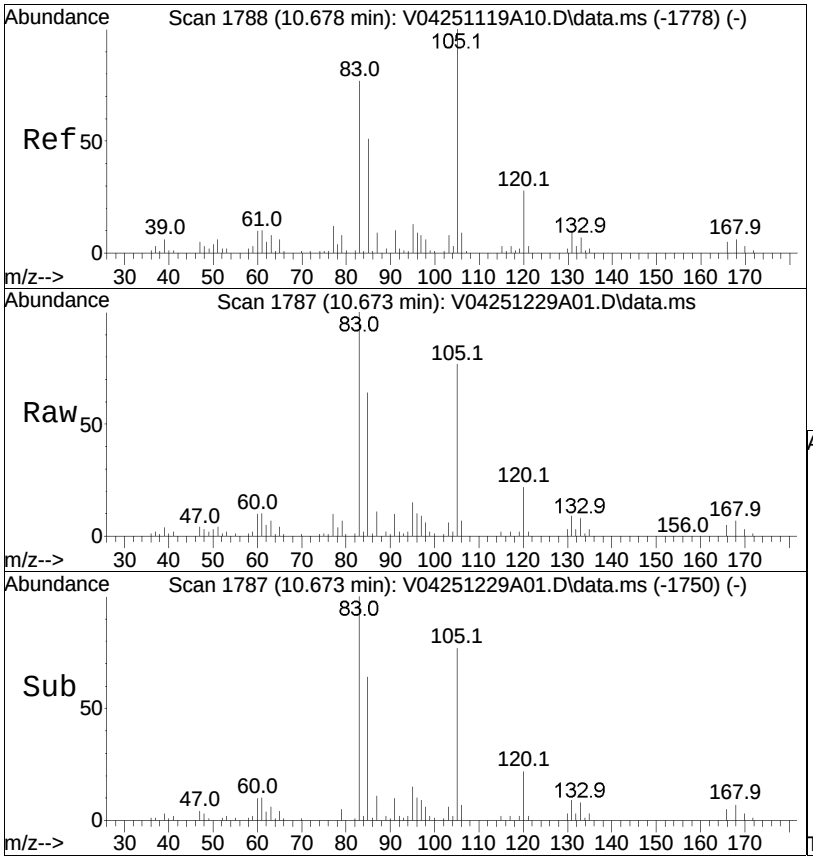


#85
n-Propylbenzene
Concen: 50.71 ug/L
RT: 10.558 min Scan# 1765
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 91 Resp: 1051995

Ion	Ratio	Lower	Upper
91	100		
120	22.0	18.9	28.3

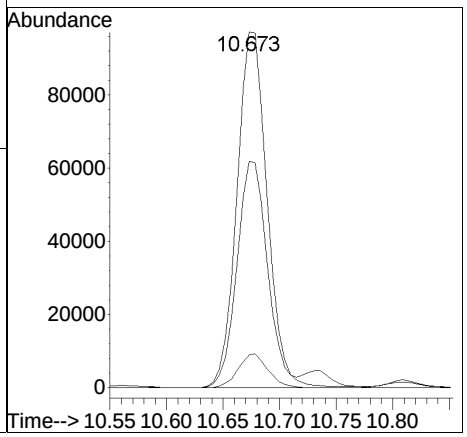


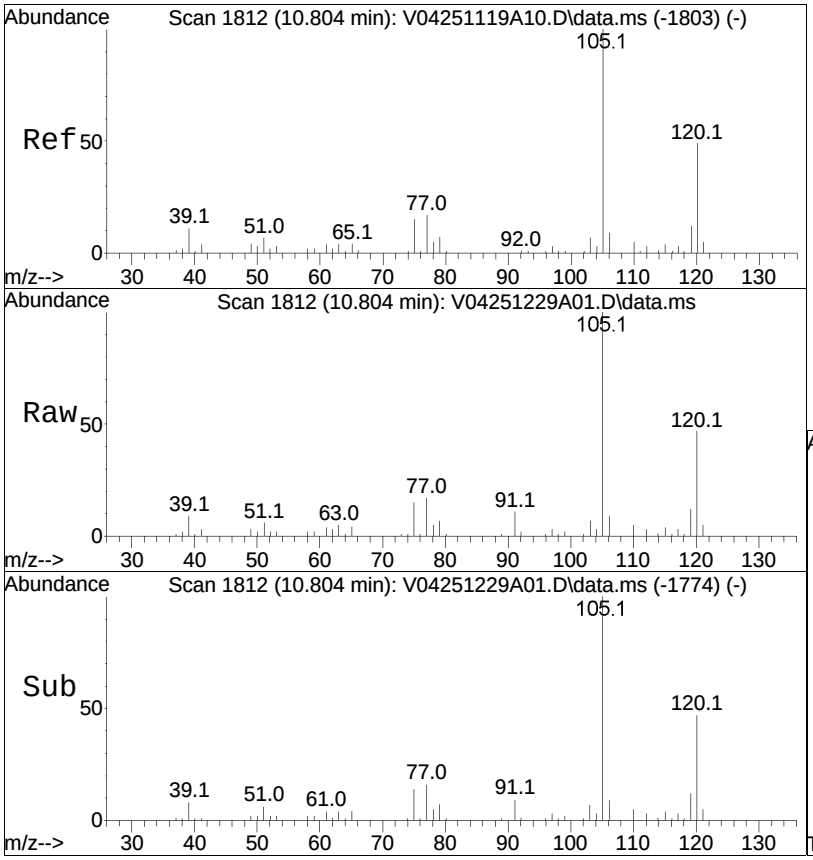


#87
1,1,2,2-Tetrachloroethane
Concen: 42.86 ug/L
RT: 10.673 min Scan# 1787
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 83 Resp: 180572

Ion	Ratio	Lower	Upper
83	100		
131	9.2	0.0	30.7
85	64.5	44.7	84.7

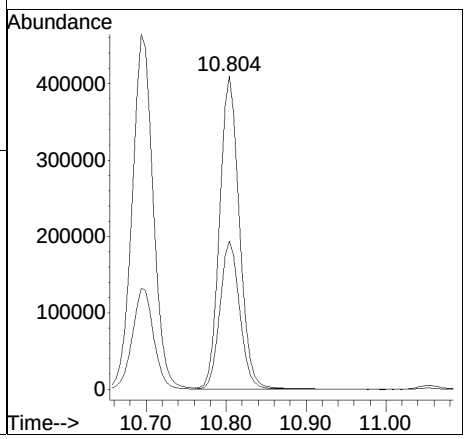


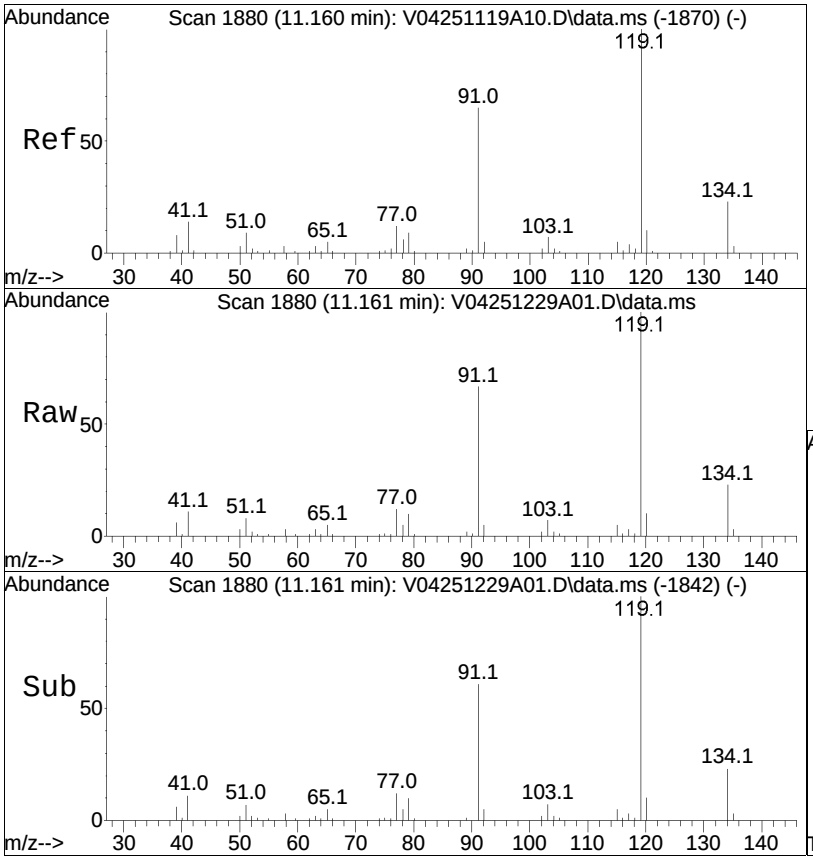


#90
1,3,5-Trimethylbenzene
Concen: 47.05 ug/L
RT: 10.804 min Scan# 1812
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:105 Resp: 703559

Ion	Ratio	Lower	Upper
105	100		
120	47.3	38.4	57.6

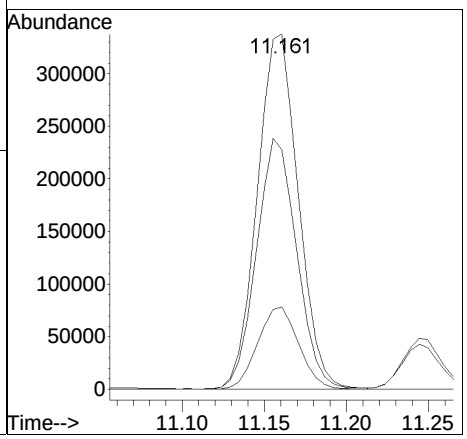


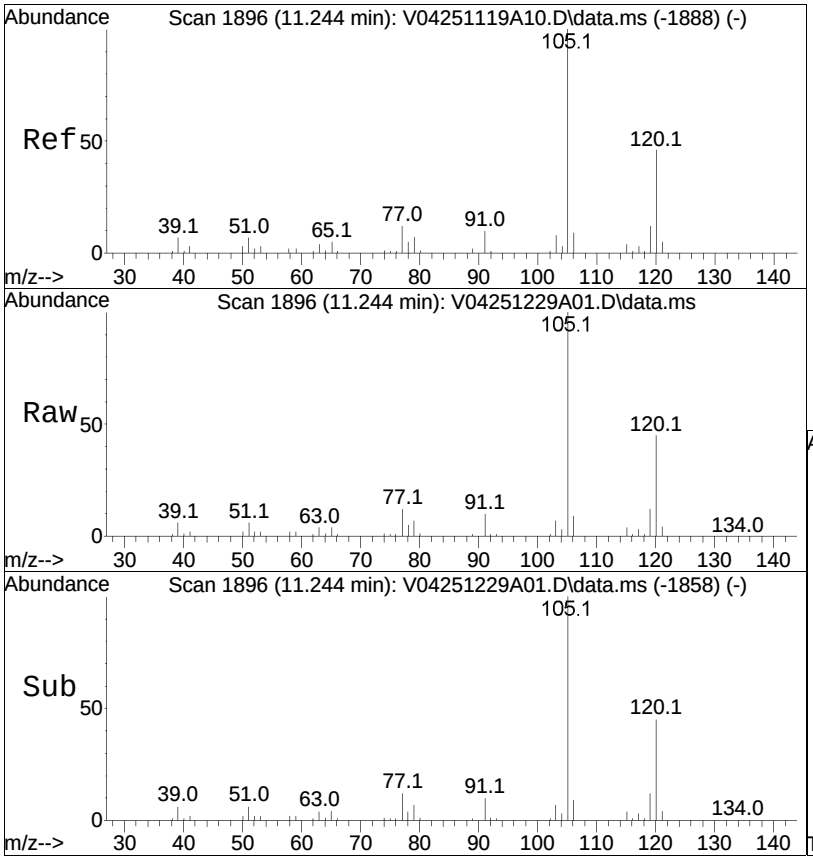


#94
tert-Butylbenzene
Concen: 45.28 ug/L
RT: 11.161 min Scan# 1880
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:119 Resp: 588415

Ion	Ratio	Lower	Upper
119	100		
91	68.9	53.0	79.6
134	23.3	19.6	29.4

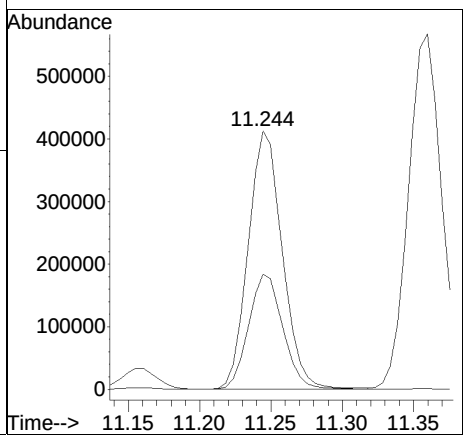


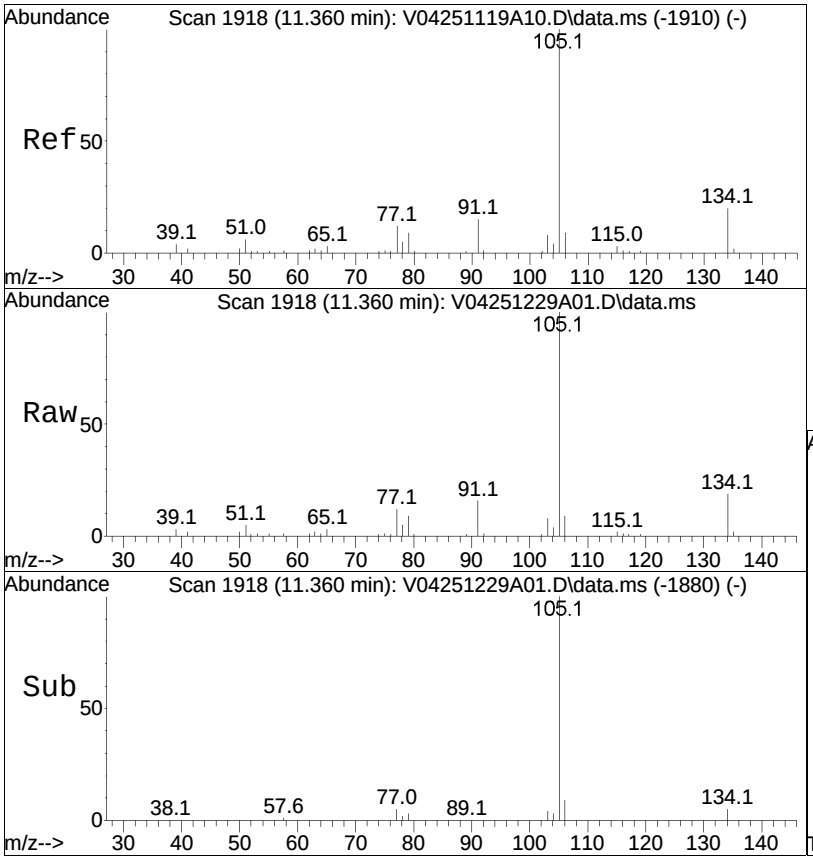


#97
1,2,4-Trimethylbenzene
Concen: 45.61 ug/L
RT: 11.244 min Scan# 1896
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:105 Resp: 687200

Ion	Ratio	Lower	Upper
105	100		
120	44.7	36.4	54.6

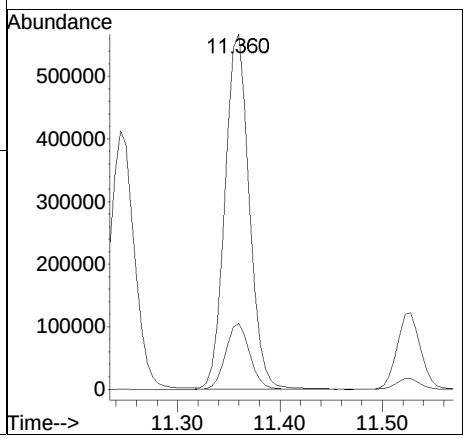


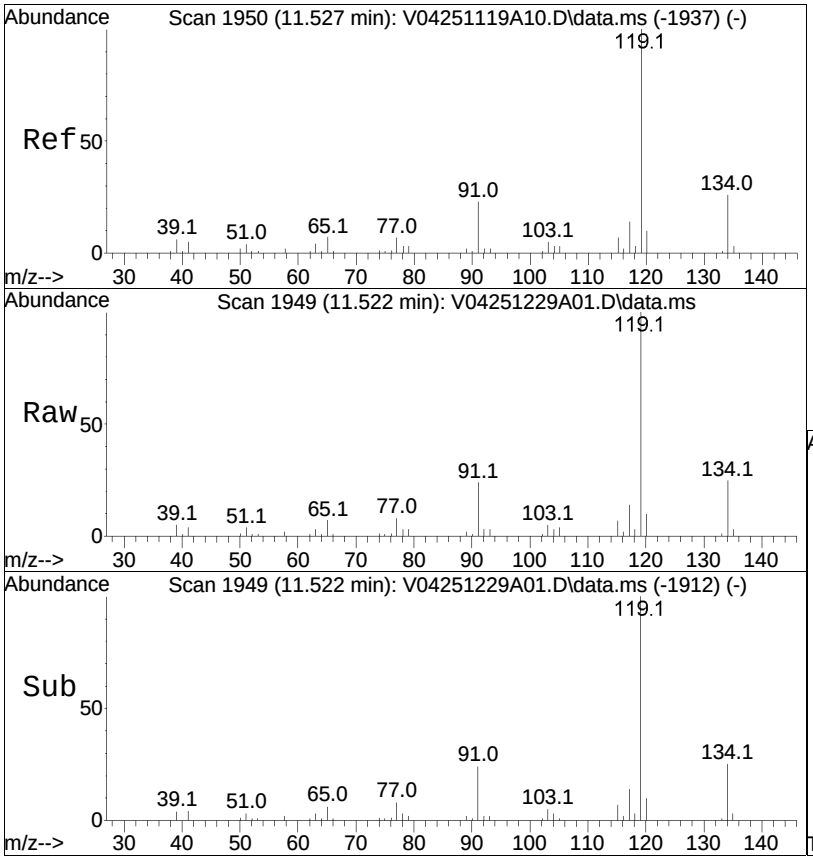


#98
sec-Butylbenzene
Concen: 48.96 ug/L
RT: 11.360 min Scan# 1918
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:105 Resp: 932344

Ion	Ratio	Lower	Upper
105	100		
134	18.5	12.9	26.9

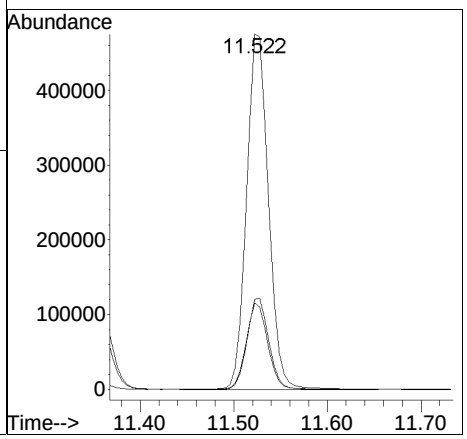


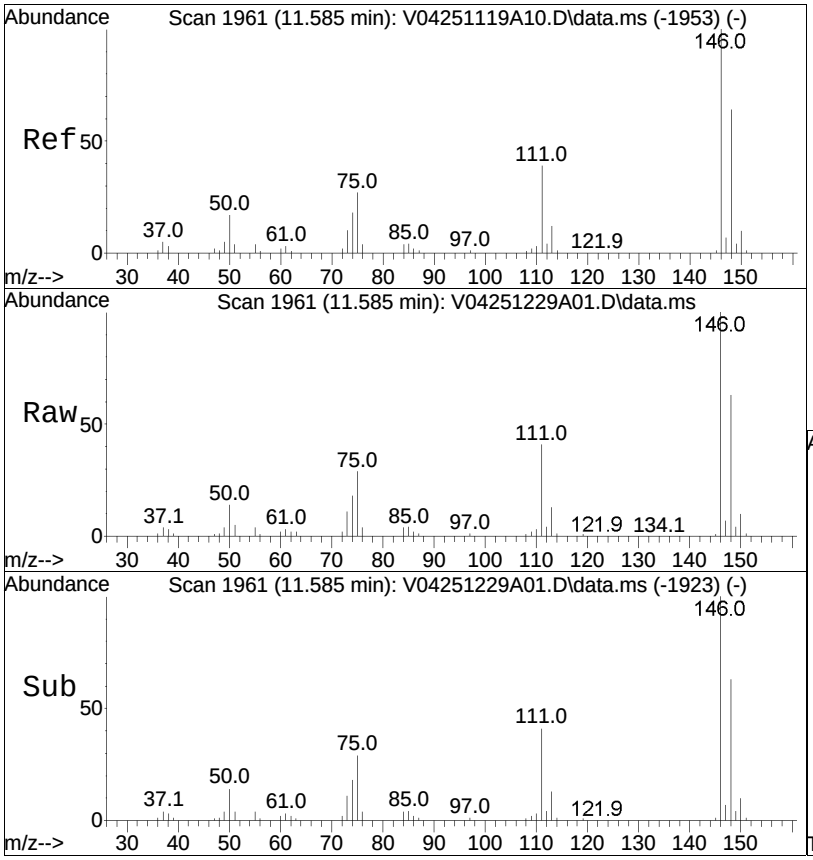


#99
p-Isopropyltoluene
Concen: 46.99 ug/L
RT: 11.522 min Scan# 1949
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:119 Resp: 773654

Ion	Ratio	Lower	Upper
119	100		
134	25.4	17.1	35.5
91	23.7	14.8	30.6

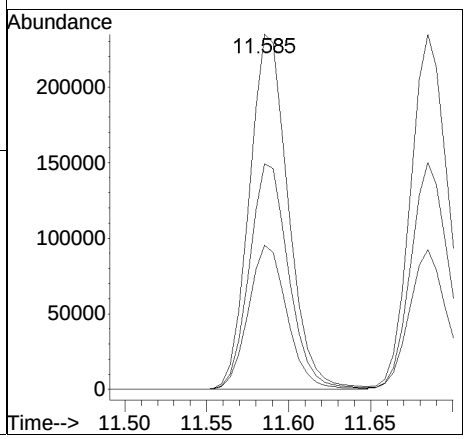


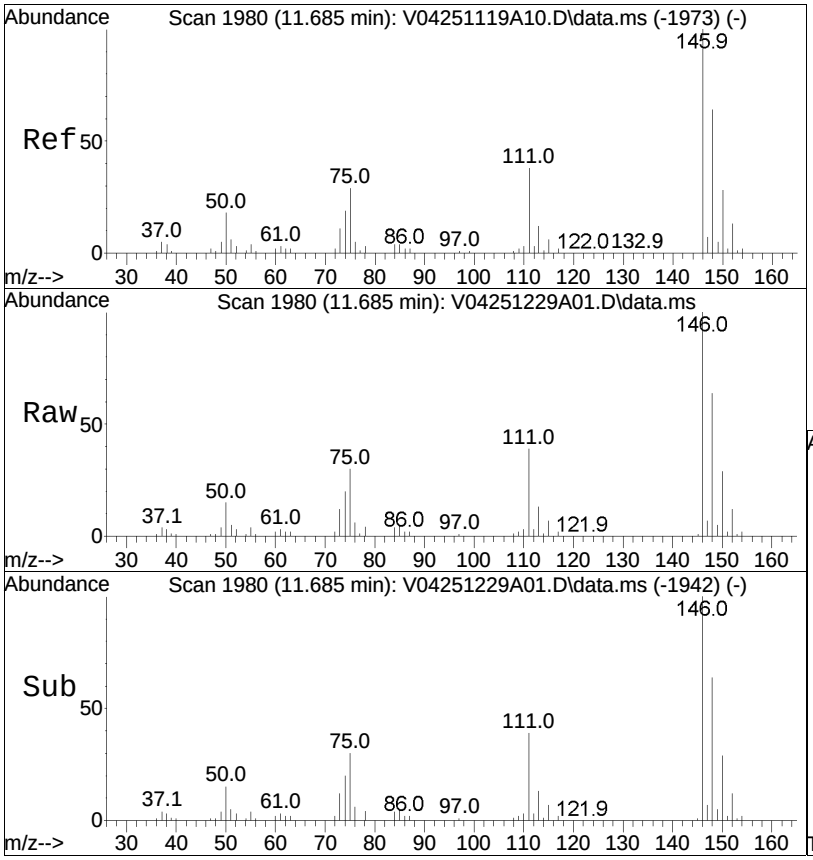


#100
1,3-Dichlorobenzene
Concen: 43.48 ug/L
RT: 11.585 min Scan# 1961
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:146 Resp: 388520

Ion	Ratio	Lower	Upper
146	100		
111	40.3	24.8	51.6
148	63.9	41.6	86.4

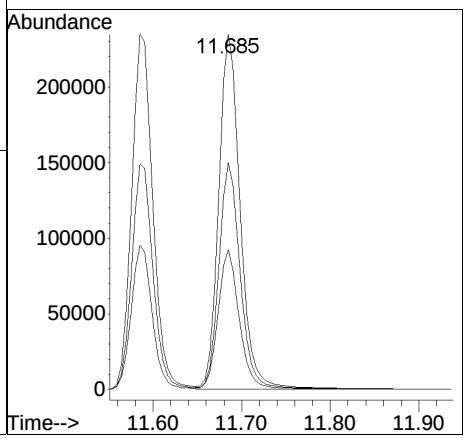


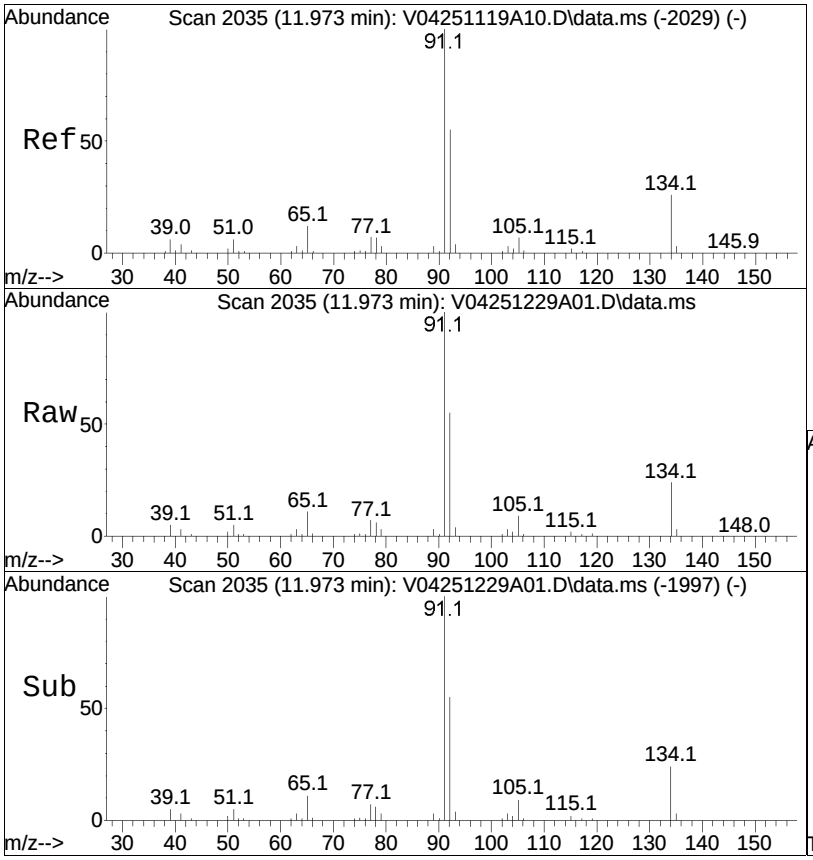


#101
1,4-Dichlorobenzene
Concen: 42.34 ug/L
RT: 11.685 min Scan# 1980
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:146 Resp: 393343

Ion	Ratio	Lower	Upper
146	100		
111	38.9	30.2	45.2
148	63.7	50.6	76.0

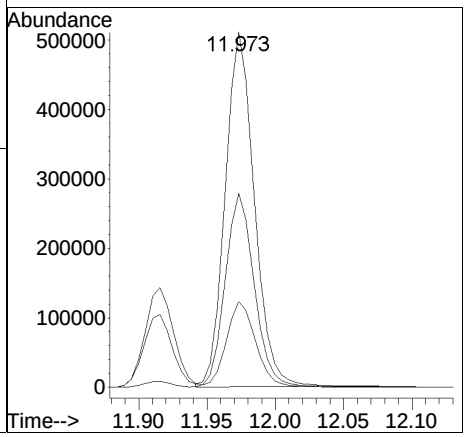


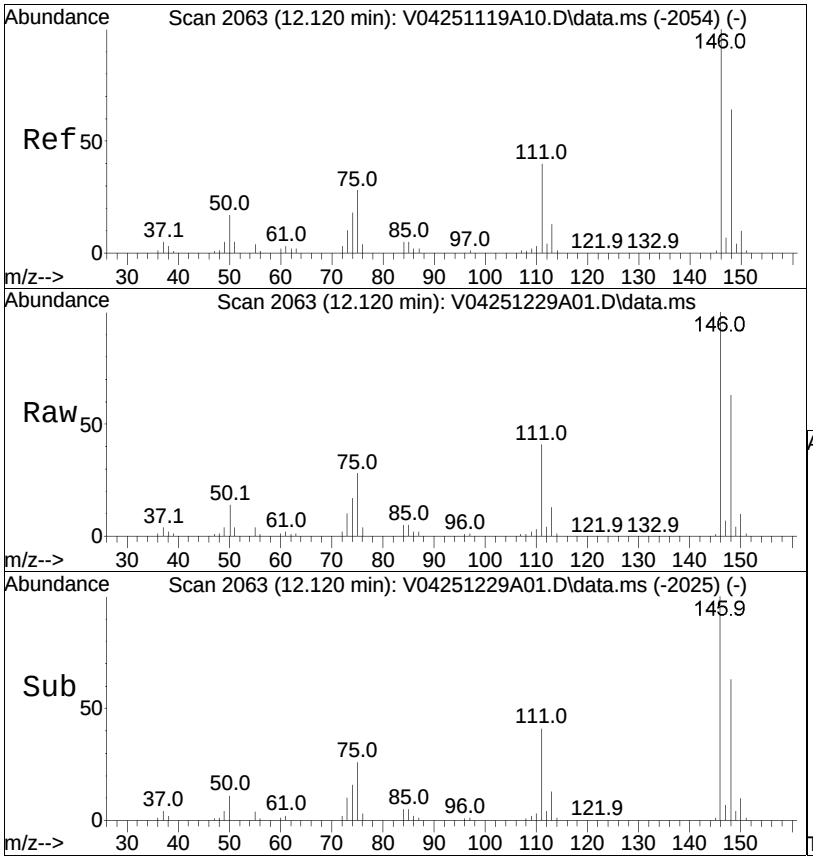


#103
n-Butylbenzene
Concen: 51.52 ug/L
RT: 11.973 min Scan# 2035
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 91 Resp: 756733

Ion	Ratio	Lower	Upper
91	100		
92	55.1	43.4	65.2
134	24.3	21.5	32.3

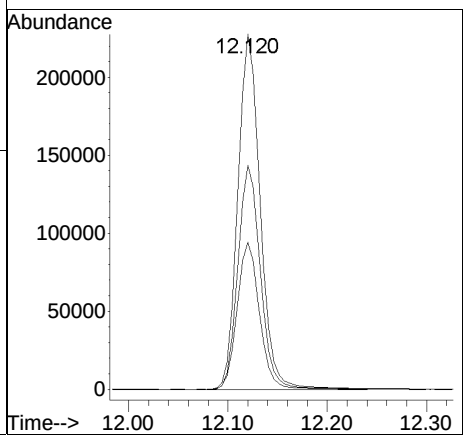


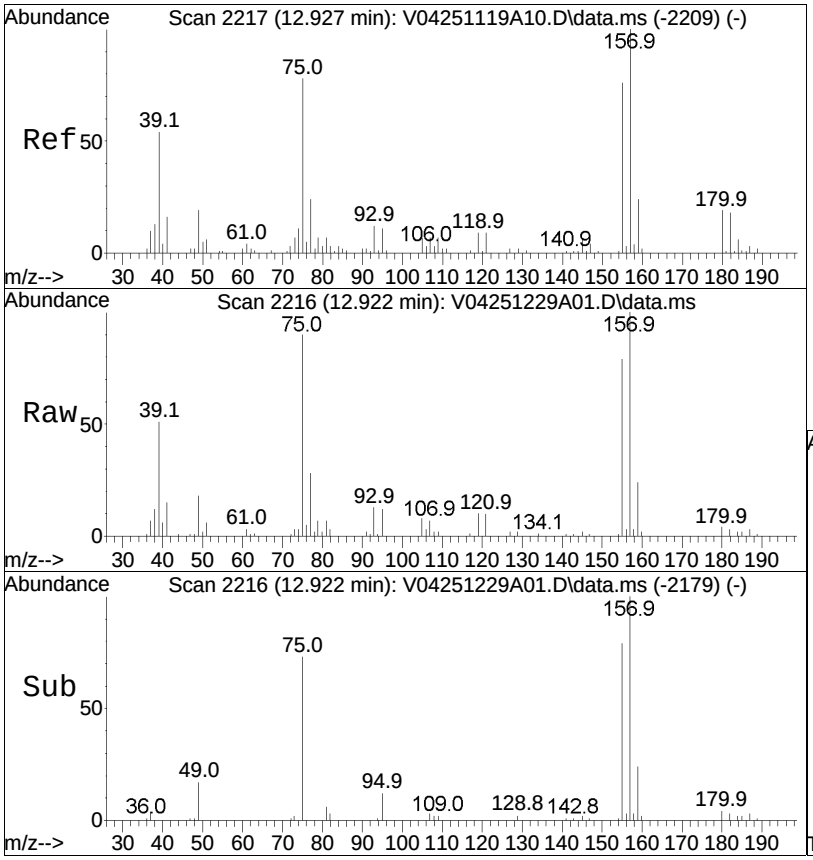


#104
1,2-Dichlorobenzene
Concen: 41.64 ug/L
RT: 12.120 min Scan# 2063
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:146 Resp: 357335

Ion	Ratio	Lower	Upper
146	100		
111	41.5	25.5	52.9
148	63.8	40.8	84.8

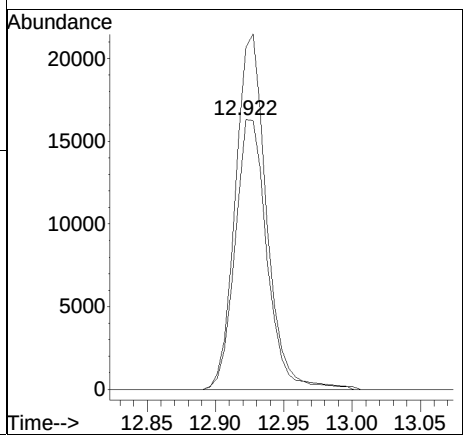


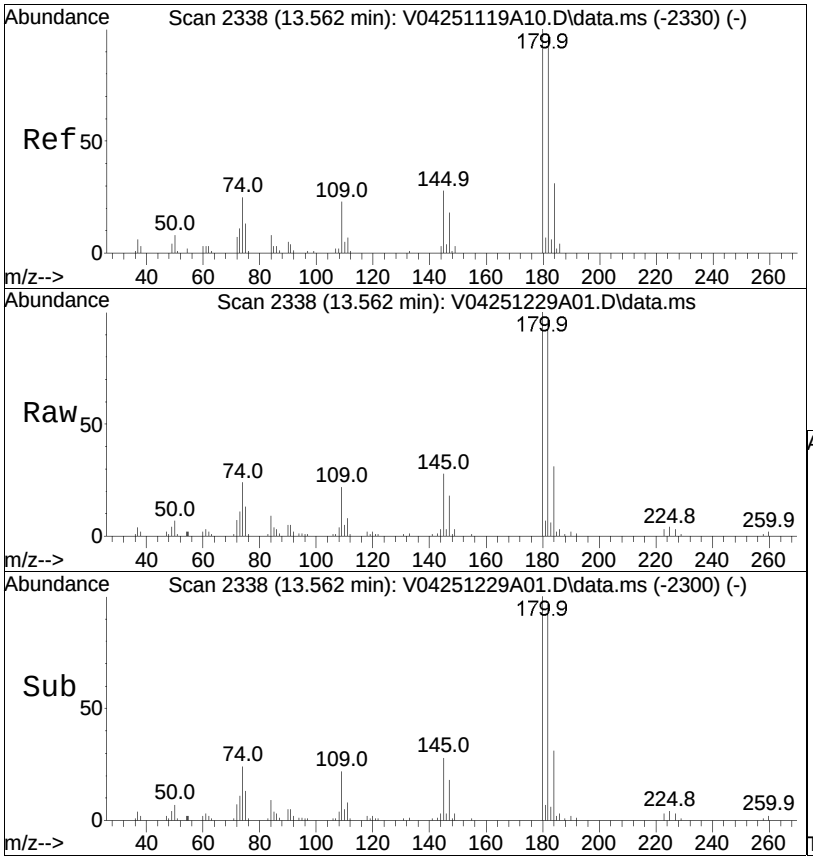


#106
1,2-Dibromo-3-chloropropane
Concen: 38.49 ug/L
RT: 12.922 min Scan# 2216
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:155 Resp: 26483

Ion	Ratio	Lower	Upper
155	100		
157	128.2	103.2	154.8

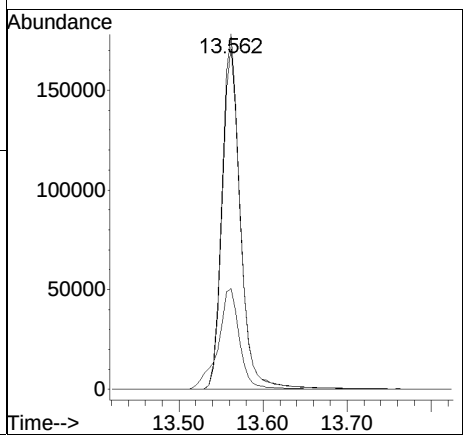


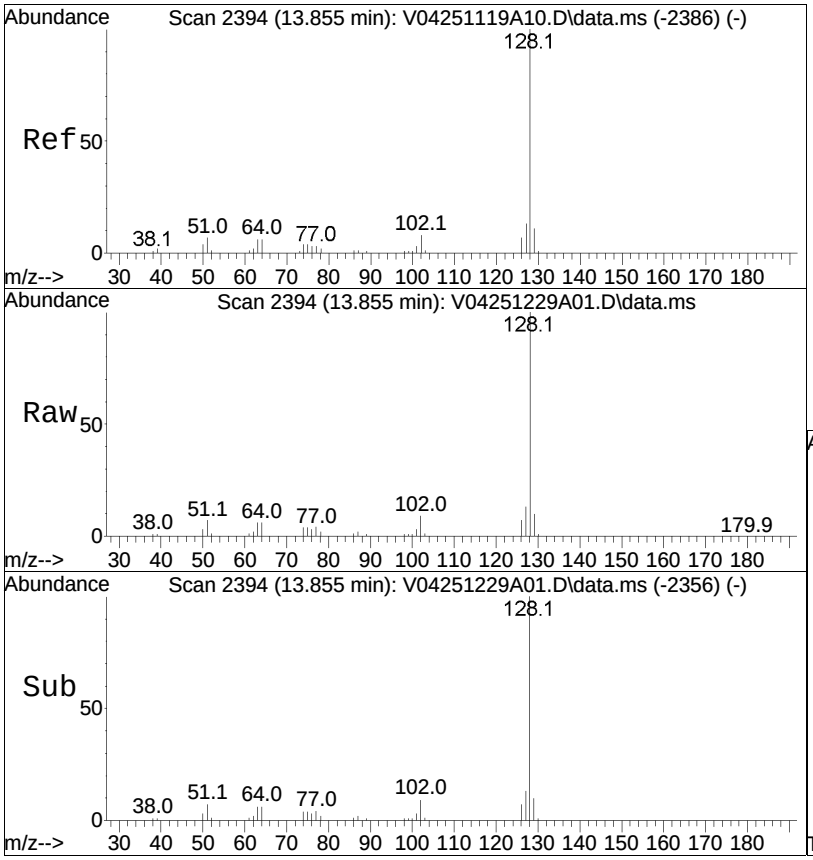


#109
1,2,4-Trichlorobenzene
Concen: 47.81 ug/L
RT: 13.562 min Scan# 2338
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:180 Resp: 270475

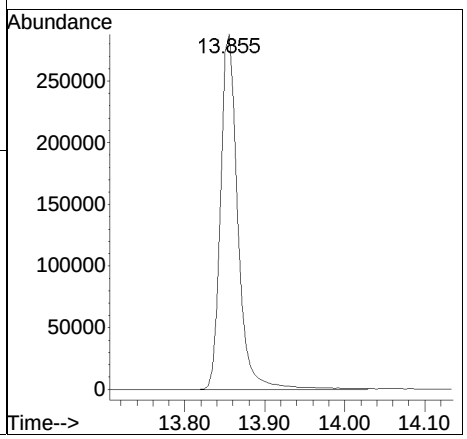
Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.0	115.4
145	33.5	28.4	42.6





#110
Naphthalene
Concen: 42.49 ug/L
RT: 13.855 min Scan# 2394
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:128 Resp: 434408



Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A01.D
Acq On : 29 Dec 2025 5:17 am
Operator : VOA104:MJV
Sample : WG2159734-3,31,5,5
Misc : WG2159734,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 29 05:46:38 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.377	96	369388	20.000	ug/L	0.00
59) Chlorobenzene-d5	8.833	117	254827	20.000	ug/L	0.00
79) 1,4-Dichlorobenzene-d4	11.669	152	126132	20.000	ug/L	0.00
System Monitoring Compounds						
36) Dibromofluoromethane	4.612	113	97205	18.347	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 91.74%			
43) 1,2-Dichloroethane-d4	5.110	65	78400	16.666	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 83.33%			
60) Toluene-d8	7.024	98	357595	21.831	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 109.16%			
83) 4-Bromofluorobenzene	10.395	95	120630	22.199	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 111.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.408	85	219482	32.597	ug/L	98
3) Chloromethane	1.571	50	252279	36.407	ug/L	99
4) Vinyl chloride	1.629	62	270561	39.847	ug/L	98
5) Bromomethane	1.886	94	202958	53.217	ug/L	96
6) Chloroethane	1.985	64	152499	38.763	ug/L	96
7) Trichlorofluoromethane	2.101	101	346191	43.075	ug/L	98
10) 1,1-Dichloroethene	2.525	96	220019	47.720	ug/L	82
11) Carbon disulfide	2.551	76	778152	46.000	ug/L	99
12) Freon-113	2.557	101	222766	48.765	ug/L #	70
15) Methylene chloride	3.023	84	239516	41.258	ug/L	83
17) Acetone	3.065	43	44364	23.780	ug/L #	84
18) trans-1,2-Dichloroethene	3.160	96	233610	45.228	ug/L	88
19) Methyl acetate	3.170	43	70062	36.233	ug/L #	85
20) Methyl tert-butyl ether	3.244	73	539825	42.149	ug/L	89
23) 1,1-Dichloroethane	3.700	63	389305	40.227	ug/L	97
28) cis-1,2-Dichloroethene	4.187	96	241214	41.330	ug/L	85
31) Cyclohexane	4.355	56	318380	40.464	ug/L	79
32) Chloroform	4.439	83	375397	40.920	ug/L	95
34) Carbon tetrachloride	4.554	117	292216	39.372	ug/L	99
37) 1,1,1-Trichloroethane	4.617	97	321236	41.645	ug/L	95
39) 2-Butanone	4.722	43	37985	28.432	ug/L #	47
41) Benzene	4.968	78	778717	42.924	ug/L	94
44) 1,2-Dichloroethane	5.173	62	211689	32.953	ug/L	96
47) Methyl cyclohexane	5.519	83	349317	45.966	ug/L #	79

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A01.D
Acq On : 29 Dec 2025 5:17 am
Operator : VOA104:MJV
Sample : WG2159734-3,31,5,5
Misc : WG2159734,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 29 05:46:38 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) Trichloroethene	5.545	95	216264	44.802	ug/L		96
51) 1,2-Dichloropropane	6.075	63	194661	37.023	ug/L		98
54) Bromodichloromethane	6.153	83	274750	38.312	ug/L		100
58) cis-1,3-Dichloropropene	6.825	75	324631	41.946	ug/L	#	89
61) Toluene	7.076	92	478969	44.041	ug/L		99
62) 4-Methyl-2-pentanone	7.522	58	46094	38.671	ug/L	#	94
63) Tetrachloroethene	7.511	166	228091	44.258	ug/L		99
65) trans-1,3-Dichloropropene	7.569	75	260449	44.132	ug/L		89
68) 1,1,2-Trichloroethane	7.747	83	129689	40.199	ug/L		97
69) Chlorodibromomethane	7.952	129	190980	38.289	ug/L		99
71) 1,2-Dibromoethane	8.214	107	152021	42.803	ug/L		99
72) 2-Hexanone	8.529	43	70782	34.895	ug/L		97
73) Chlorobenzene	8.854	112	529900	43.405	ug/L		98
74) Ethylbenzene	8.896	91	917167	46.980	ug/L		98
76) p/m Xylene	9.079	106	679676	91.699	ug/L		96
77) o Xylene	9.619	106	664951	88.445	ug/L		96
78) Styrene	9.698	104	1045119	85.902	ug/L		98
80) Bromoform	9.724	173	113893	38.238	ug/L		99
82) Isopropylbenzene	10.033	105	866352	47.689	ug/L		99
85) n-Propylbenzene	10.558	91	1051995	50.705	ug/L		97
87) 1,1,2,2-Tetrachloroethane	10.673	83	180572	42.859	ug/L		99
90) 1,3,5-Trimethylbenzene	10.804	105	703559	47.054	ug/L		99
94) tert-Butylbenzene	11.161	119	588415	45.278	ug/L		97
97) 1,2,4-Trimethylbenzene	11.244	105	687200	45.612	ug/L		99
98) sec-Butylbenzene	11.360	105	932344	48.959	ug/L		97
99) p-Isopropyltoluene	11.522	119	773654	46.987	ug/L		98
100) 1,3-Dichlorobenzene	11.585	146	388520	43.483	ug/L		99
101) 1,4-Dichlorobenzene	11.685	146	393343	42.340	ug/L		99
103) n-Butylbenzene	11.973	91	756733	51.522	ug/L		98
104) 1,2-Dichlorobenzene	12.120	146	357335	41.637	ug/L		98
106) 1,2-Dibromo-3-chloropr...	12.922	155	26483	38.486	ug/L		99
109) 1,2,4-Trichlorobenzene	13.562	180	270475	47.806	ug/L		99
110) Naphthalene	13.855	128	434408	42.491	ug/L		100

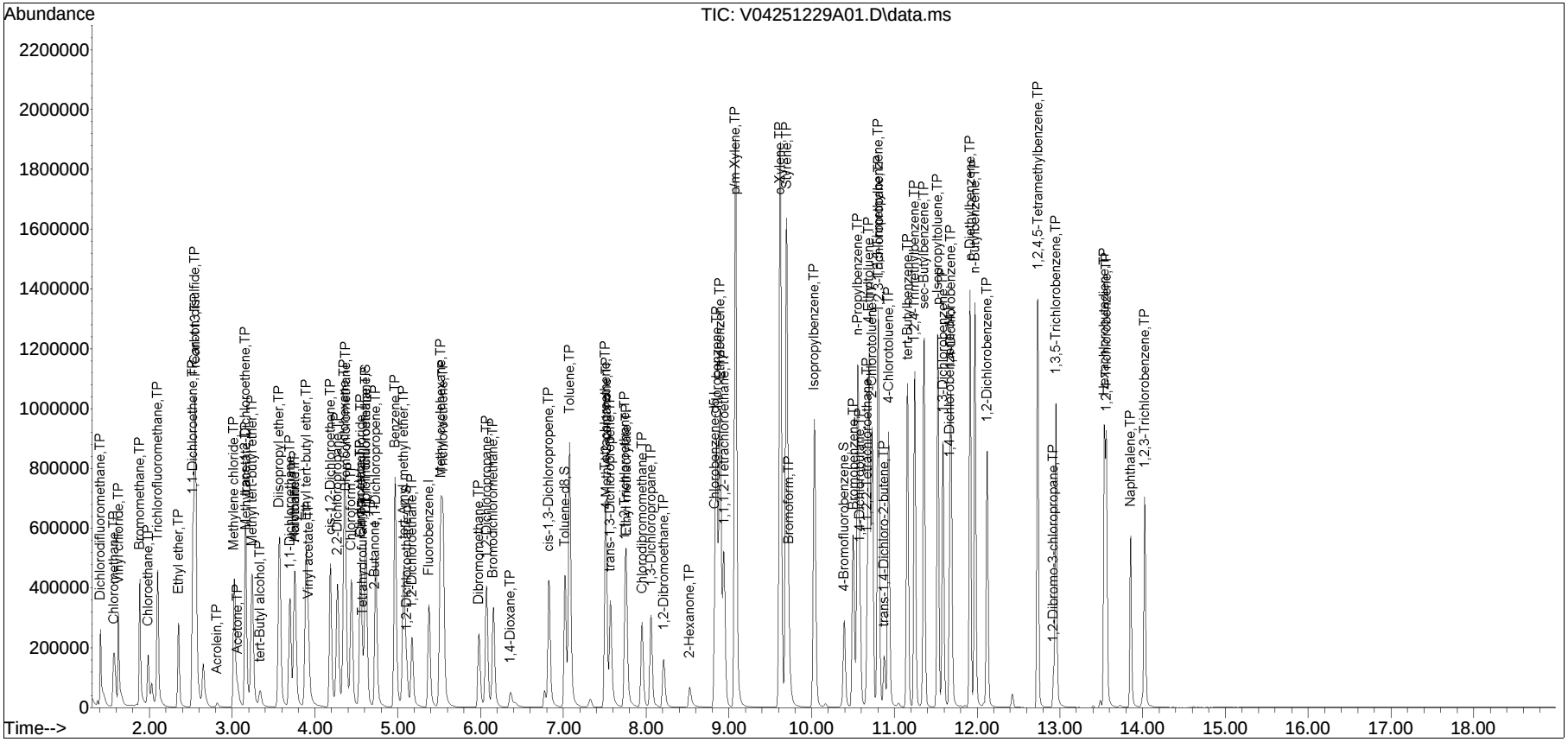
(#) = qualifier out of range (m) = manual integration (+) = signals summed

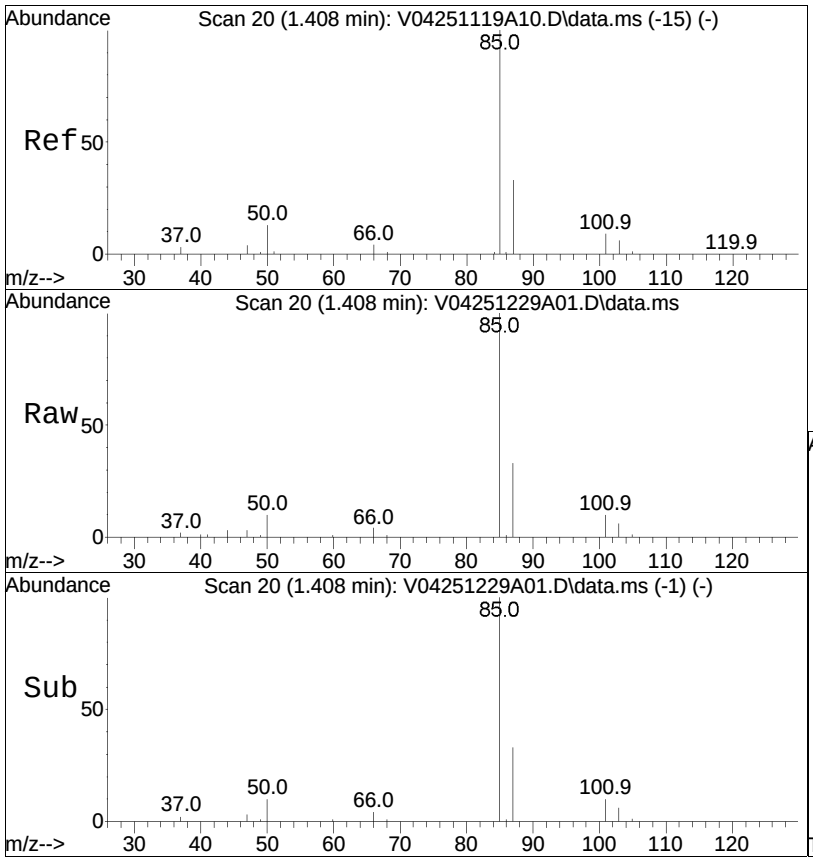
Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A01.D
Acq On : 29 Dec 2025 5:17 am
Operator : VOA104:MJV
Sample : WG2159734-3,31,5,5
Misc : WG2159734,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 29 05:46:38 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

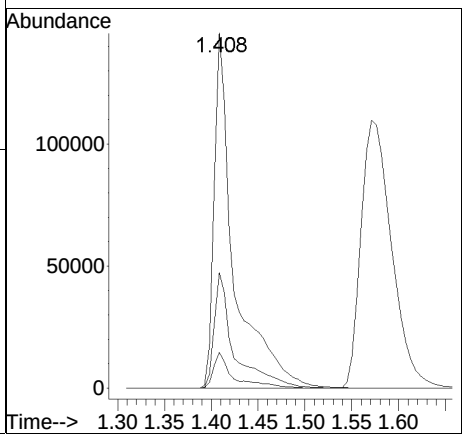


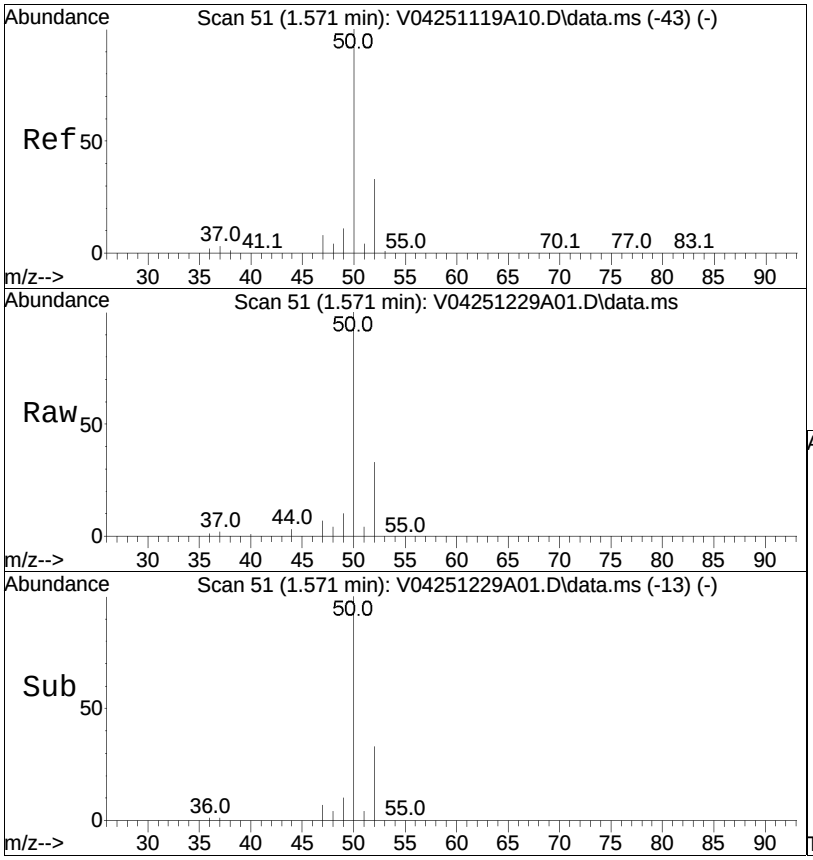


#2
Dichlorodifluoromethane
Concen: 32.60 ug/L
RT: 1.408 min Scan# 20
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 85 Resp: 219482

Ion	Ratio	Lower	Upper
85	100		
87	32.6	20.9	43.5
50	10.2	8.1	16.9

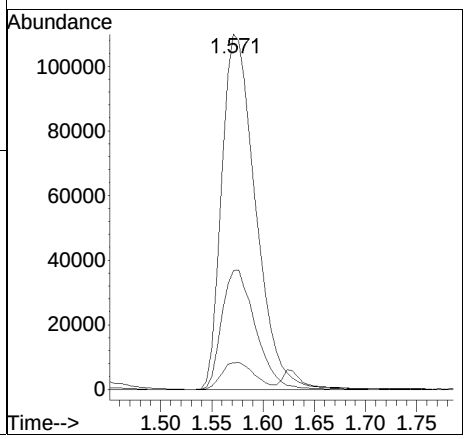


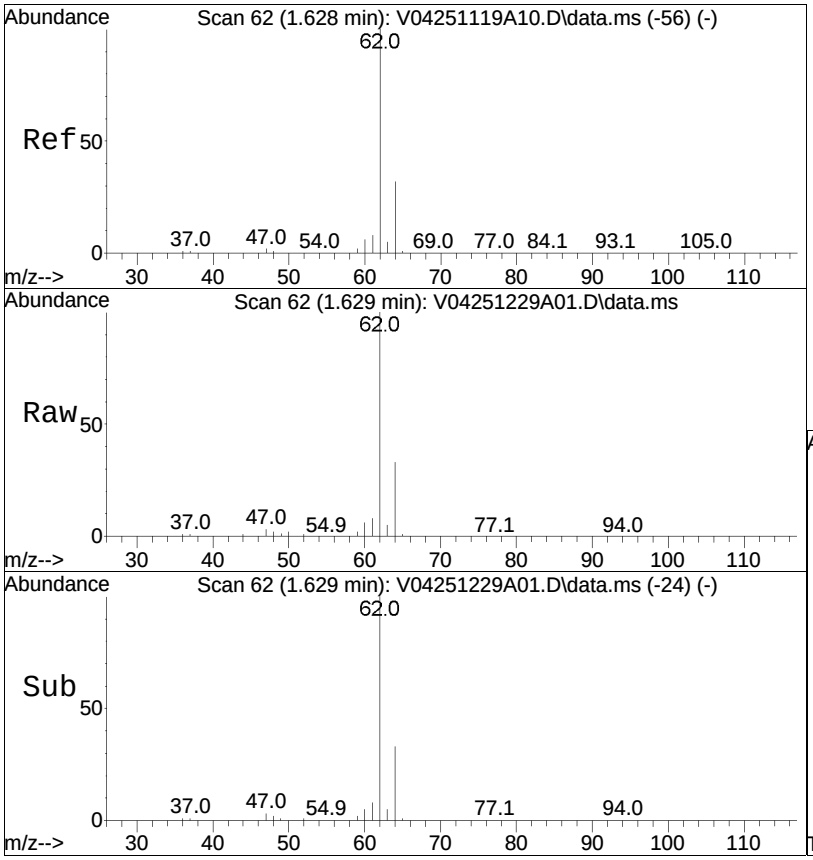


#3
Chloromethane
Concen: 36.41 ug/L
RT: 1.571 min Scan# 51
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 50 Resp: 252279

Ion	Ratio	Lower	Upper
50	100		
52	33.5	13.0	53.0
47	7.3	0.0	28.2

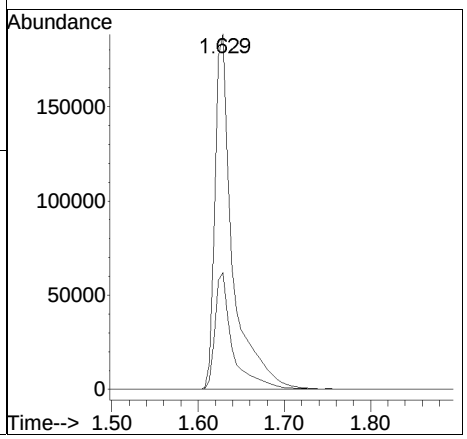


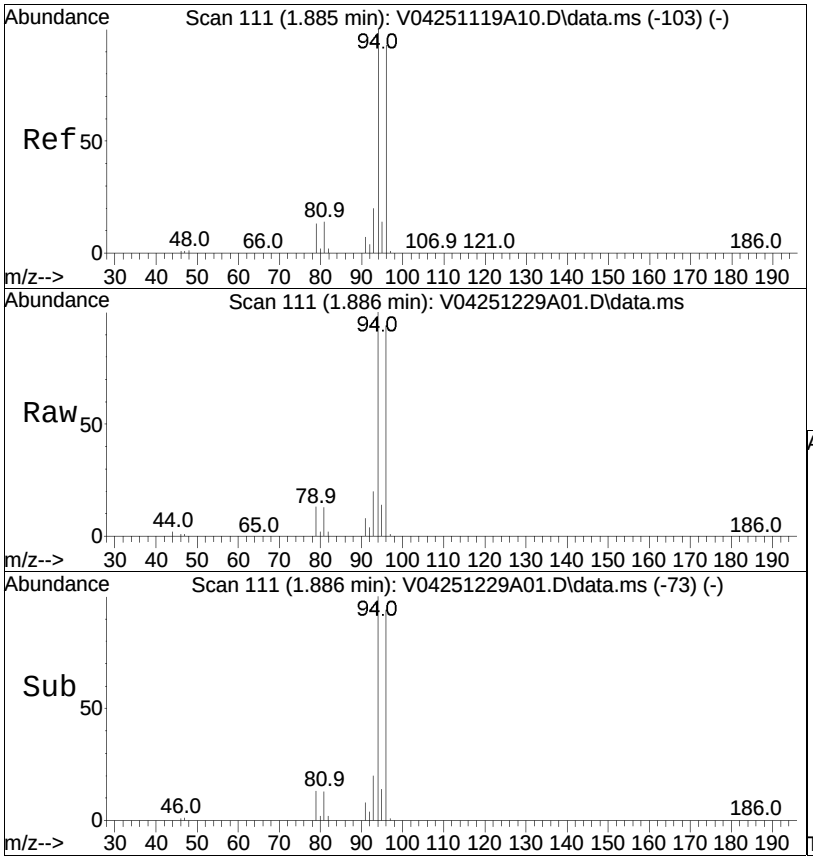


#4
Vinyl chloride
Concen: 39.85 ug/L
RT: 1.629 min Scan# 62
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 62 Resp: 270561

Ion	Ratio	Lower	Upper
62	100		
64	32.6	11.6	51.6

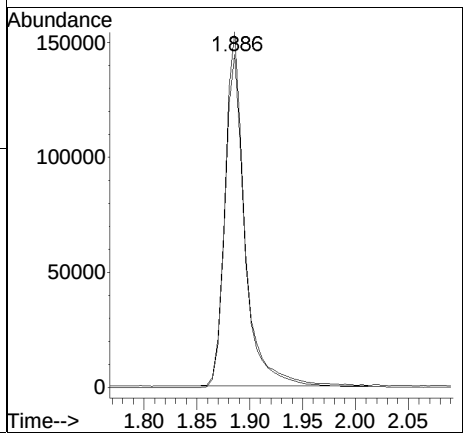


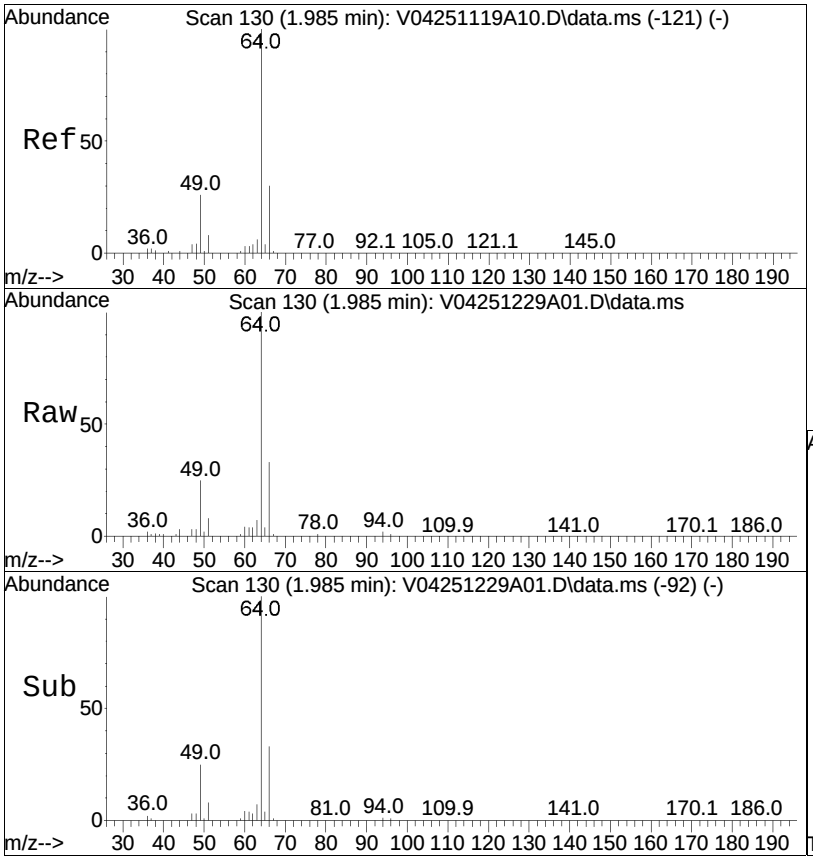


#5
Bromomethane
Concen: 53.22 ug/L
RT: 1.886 min Scan# 111
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 94 Resp: 202958

Ion	Ratio	Lower	Upper
94	100		
96	94.6	71.0	111.0

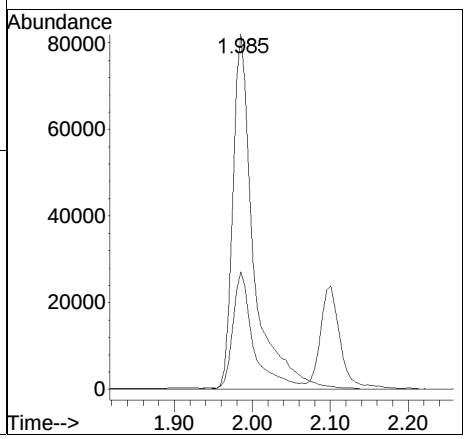


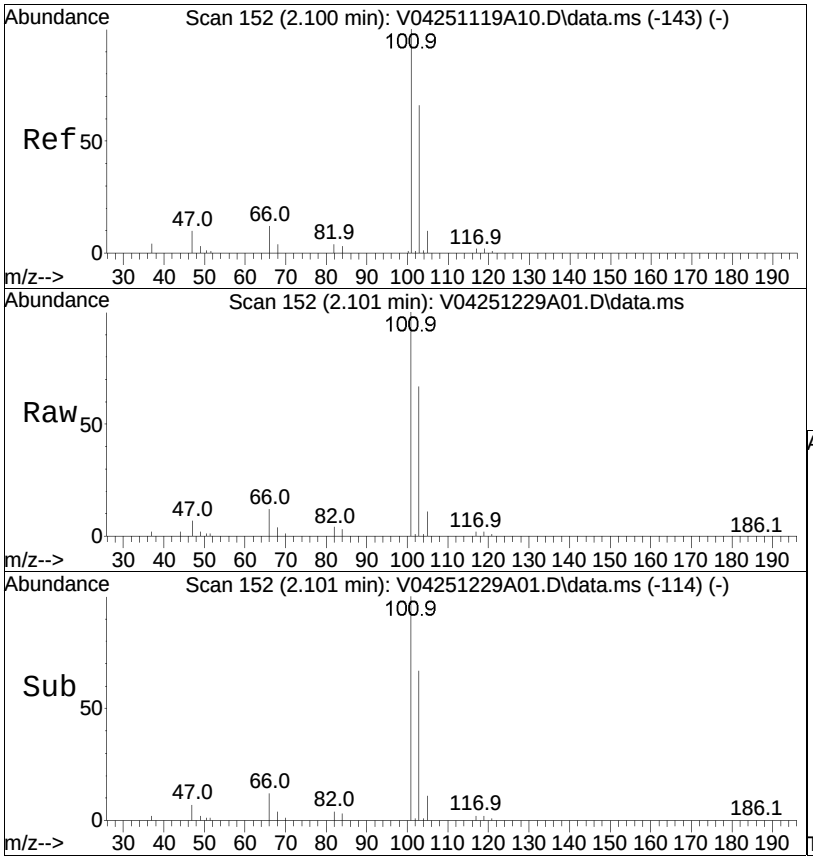


#6
Chloroethane
Concen: 38.76 ug/L
RT: 1.985 min Scan# 130
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 64 Resp: 152499

Ion	Ratio	Lower	Upper
64	100		
66	31.7	13.7	53.7

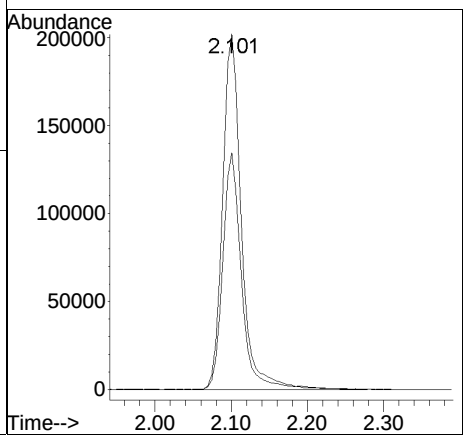


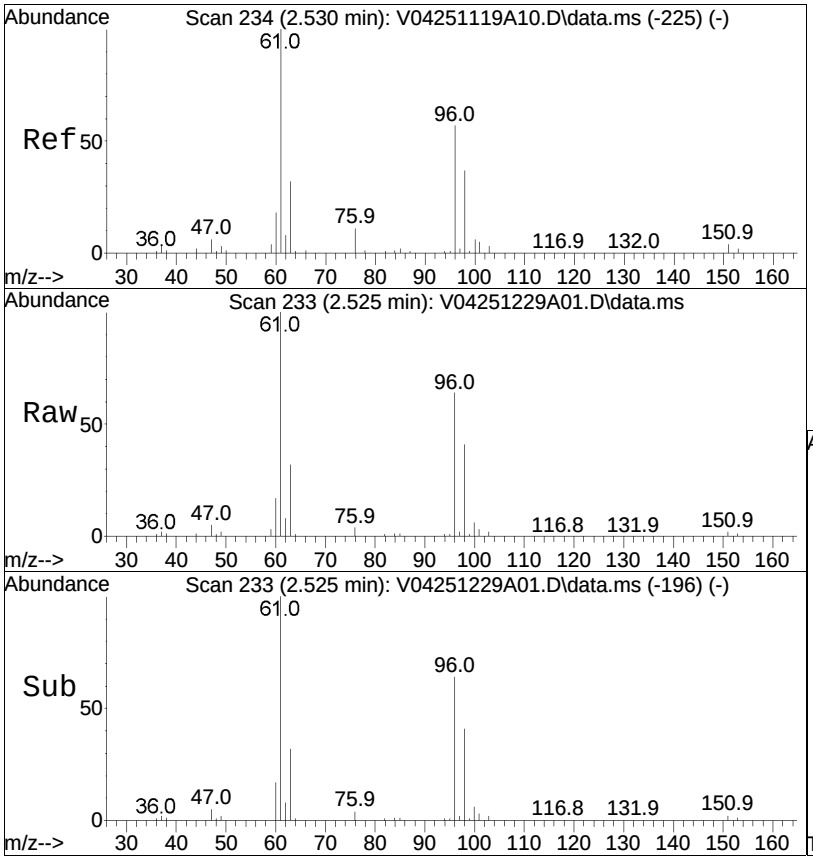


#7
Trichlorofluoromethane
Concen: 43.08 ug/L
RT: 2.101 min Scan# 152
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:101 Resp: 346191

Ion	Ratio	Lower	Upper
101	100		
103	66.3	51.7	77.5

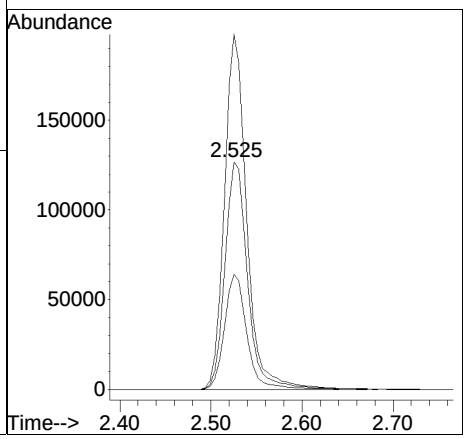


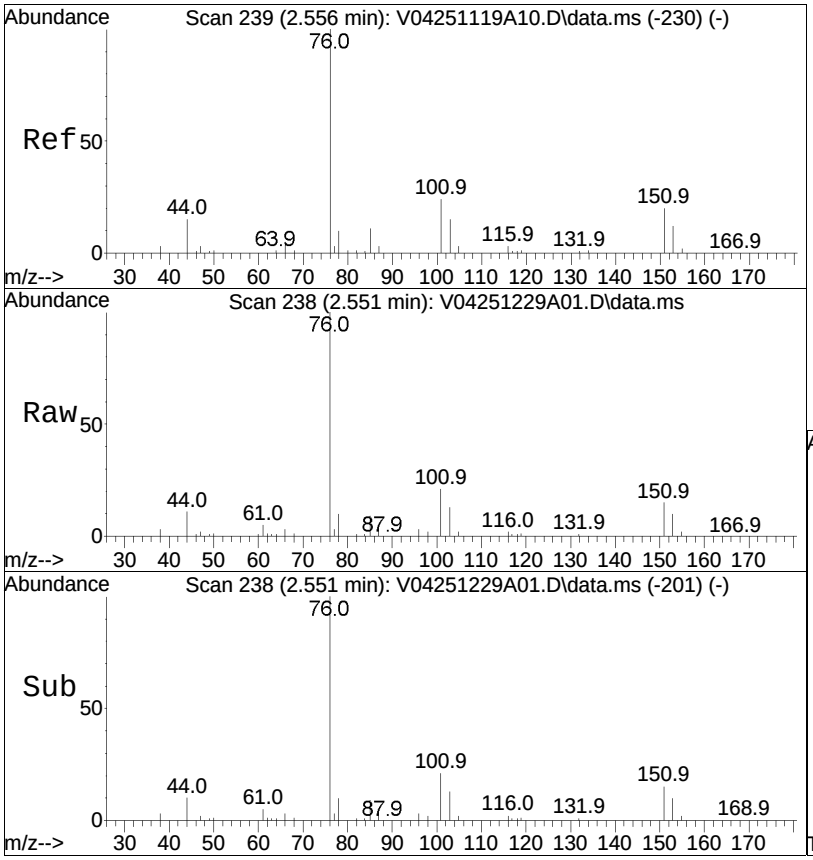


#10
1,1-Dichloroethene
Concen: 47.72 ug/L
RT: 2.525 min Scan# 233
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 96 Resp: 220019

Ion	Ratio	Lower	Upper
96	100		
61	152.9	145.8	218.6
63	49.9	46.6	69.8

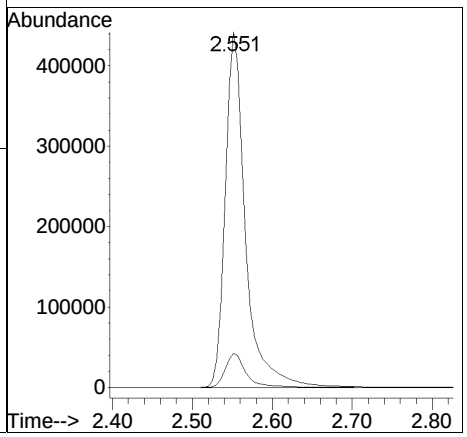


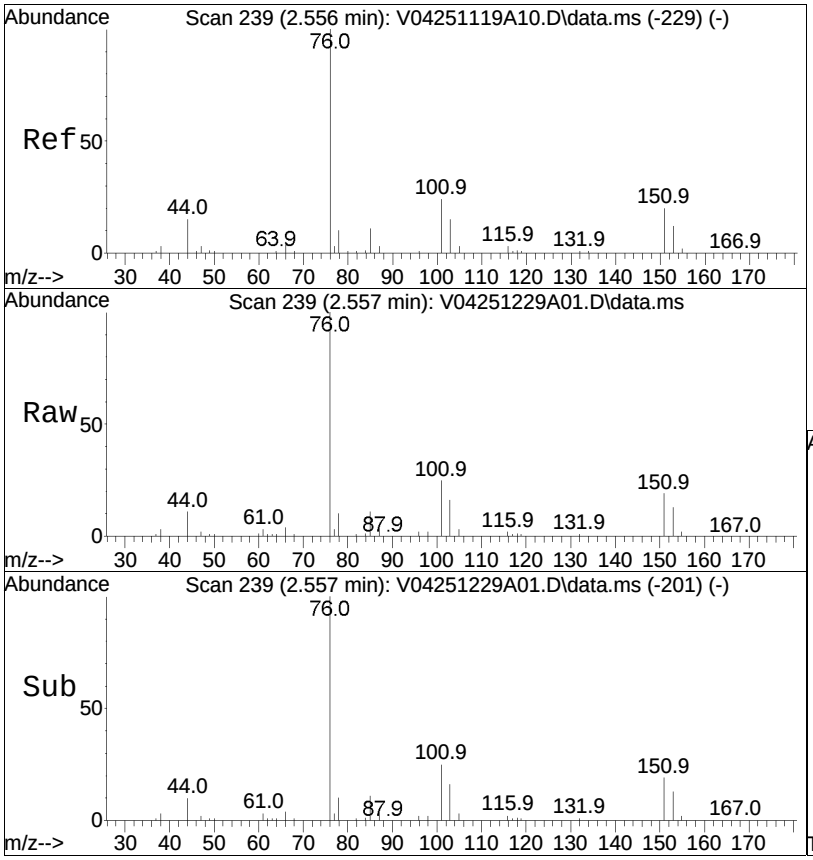


#11
Carbon disulfide
Concen: 46.00 ug/L
RT: 2.551 min Scan# 238
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 76 Resp: 778152

Ion	Ratio	Lower	Upper
76	100		
78	9.9	6.6	13.8

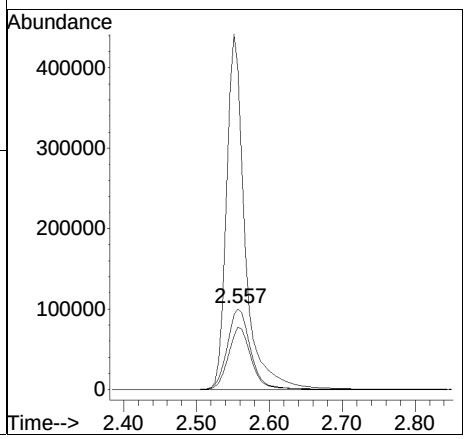


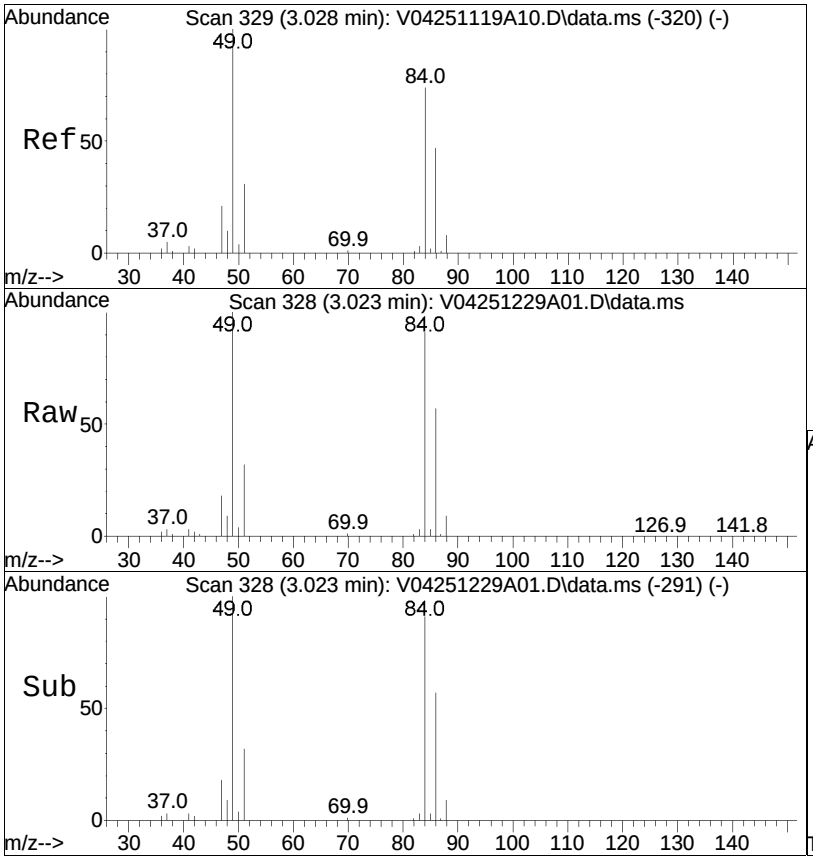


#12
Freon-113
Concen: 48.77 ug/L
RT: 2.557 min Scan# 239
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:101 Resp: 222766

Ion	Ratio	Lower	Upper
101	100		
151	75.9	65.3	97.9
76	349.3	224.2	336.4#

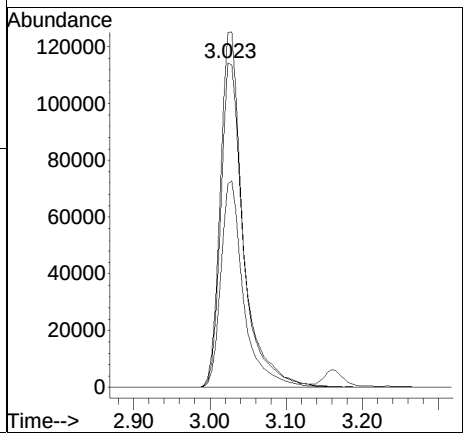


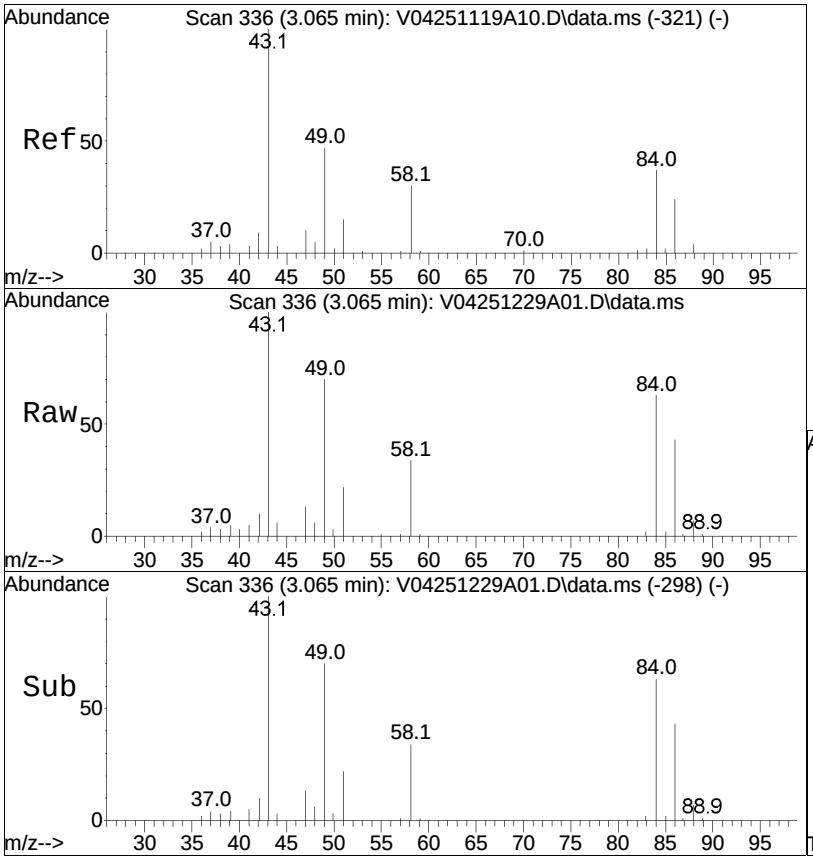


#15
Methylene chloride
Concen: 41.26 ug/L
RT: 3.023 min Scan# 328
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 84 Resp: 239516

Ion	Ratio	Lower	Upper
84	100		
86	63.5	41.3	85.9
49	109.7	91.0	189.0

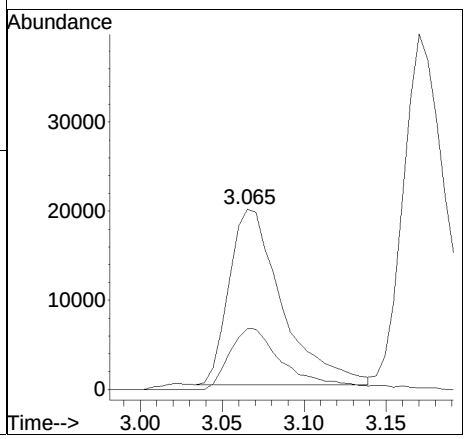


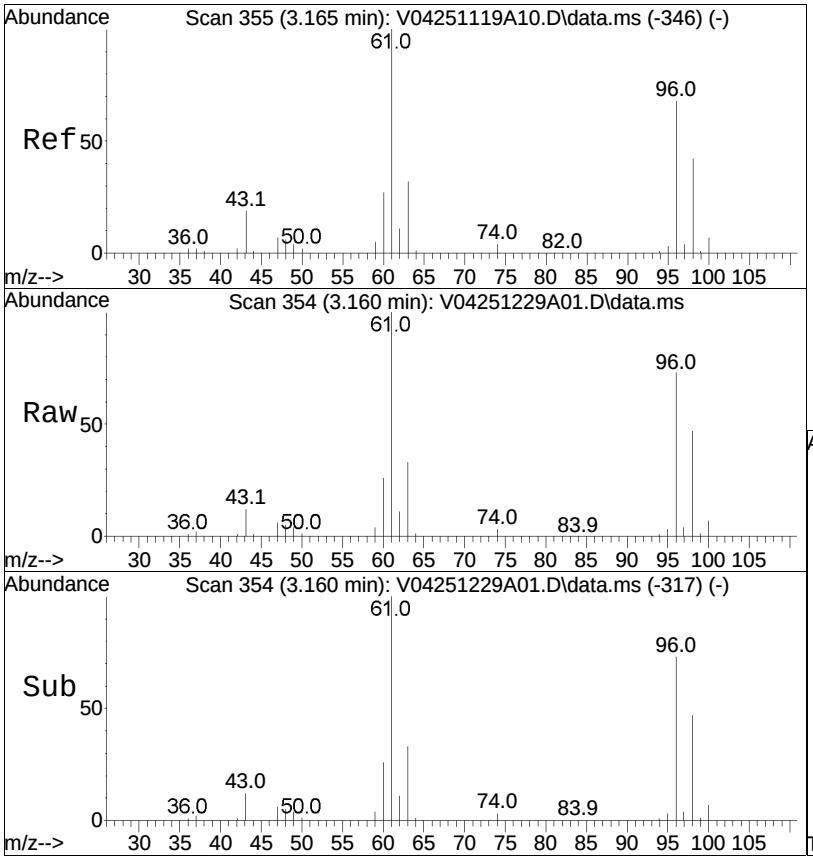


#17
Acetone
Concen: 23.78 ug/L
RT: 3.065 min Scan# 336
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 43 Resp: 44364

Ion	Ratio	Lower	Upper
43	100		
58	37.4	23.2	34.8#

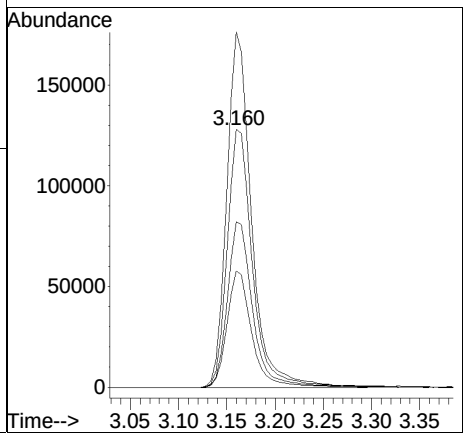


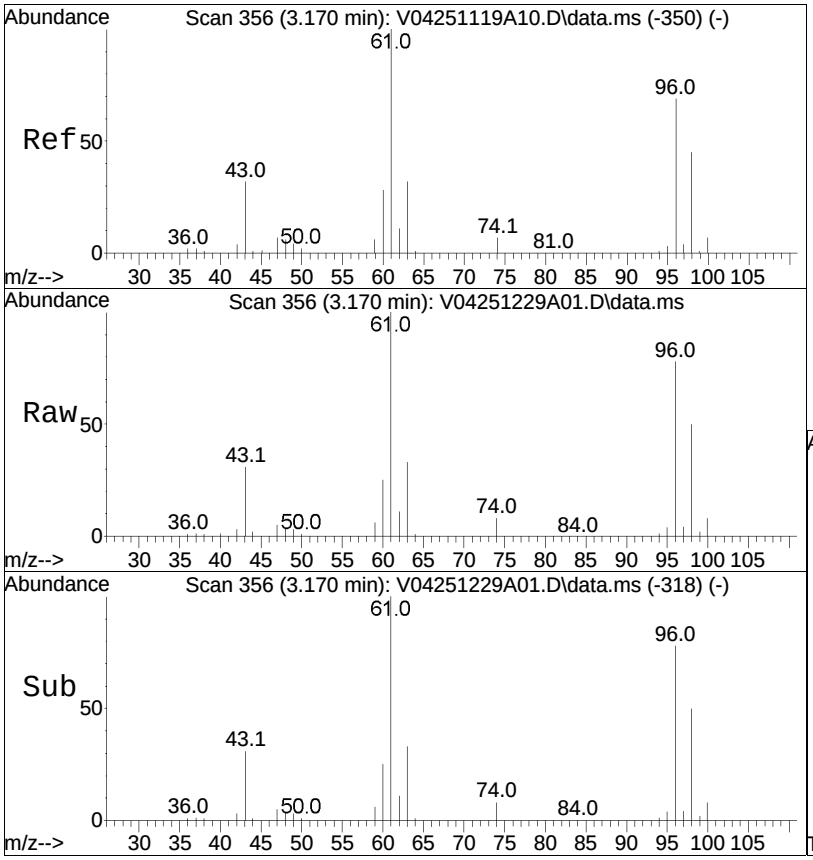


#18
trans-1,2-Dichloroethene
Concen: 45.23 ug/L
RT: 3.160 min Scan# 354
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 96 Resp: 233610

Ion	Ratio	Lower	Upper
96	100		
61	135.7	103.7	215.3
98	64.4	41.0	85.0
63	44.2	32.1	66.7

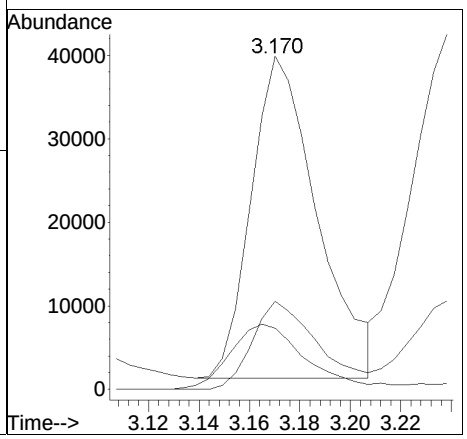


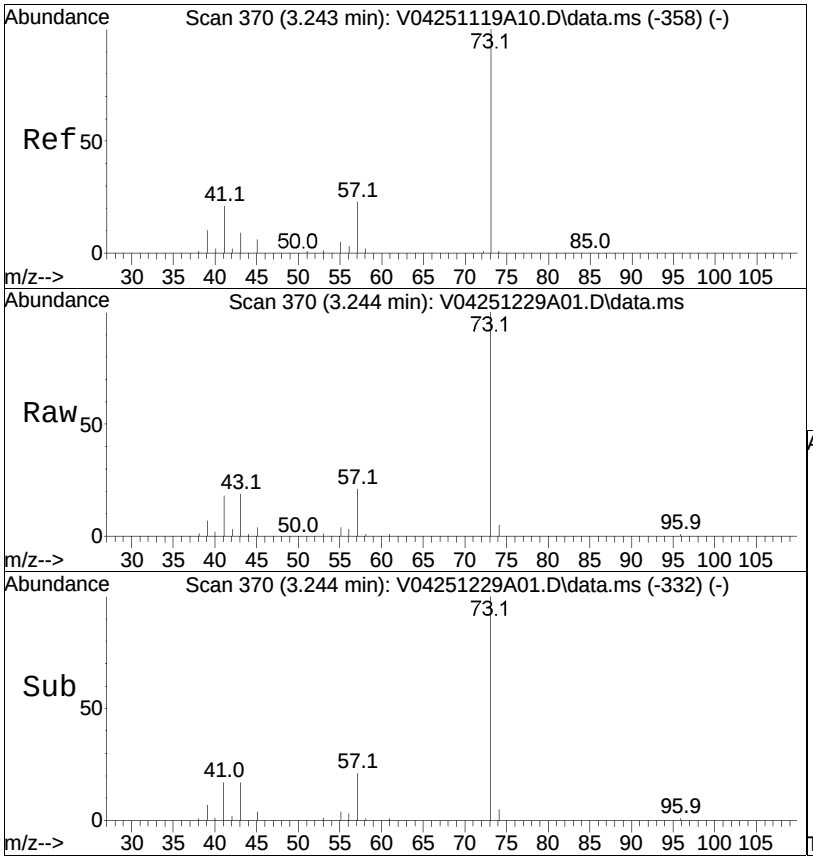


#19
Methyl acetate
Concen: 36.23 ug/L
RT: 3.170 min Scan# 356
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 43 Resp: 70062

Ion	Ratio	Lower	Upper
43	100		
74	27.3	16.2	24.2#
59	23.2	13.7	20.5#

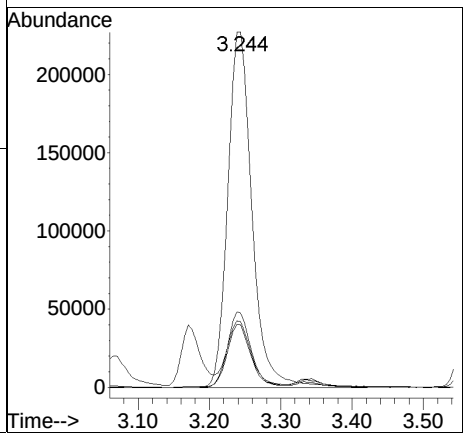


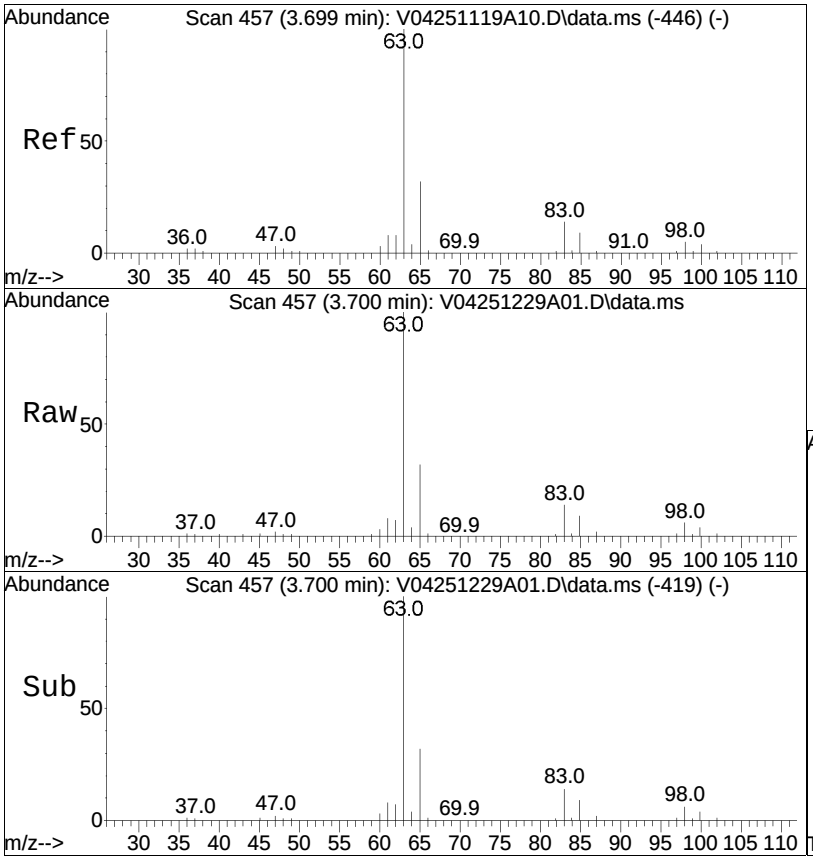


#20
Methyl tert-butyl ether
Concen: 42.15 ug/L
RT: 3.244 min Scan# 370
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 73 Resp: 539825

Ion	Ratio	Lower	Upper
73	100		
57	20.5	16.3	33.9
43	18.1	14.7	30.5
41	16.7	15.4	32.0

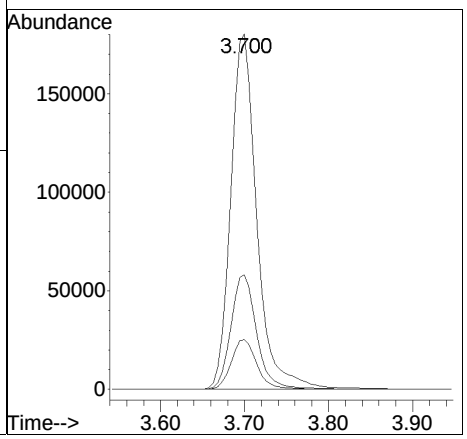


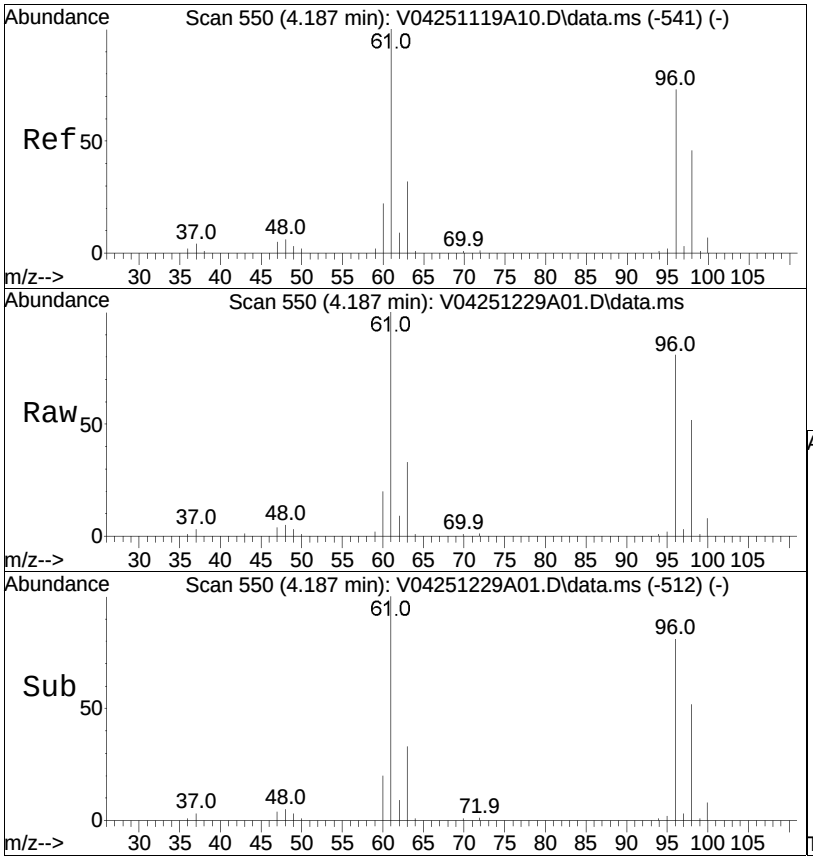


#23
1,1-Dichloroethane
Concen: 40.23 ug/L
RT: 3.700 min Scan# 457
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 63 Resp: 389305

Ion	Ratio	Lower	Upper
63	100		
65	31.8	10.4	50.4
83	13.8	0.0	32.2

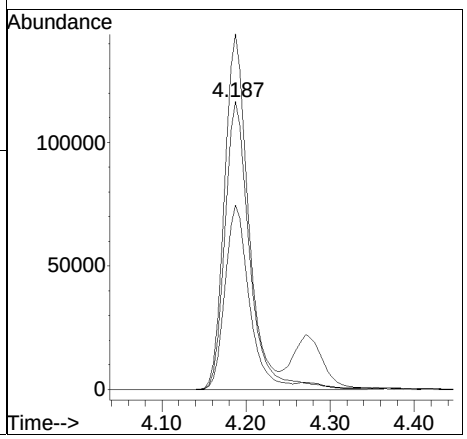


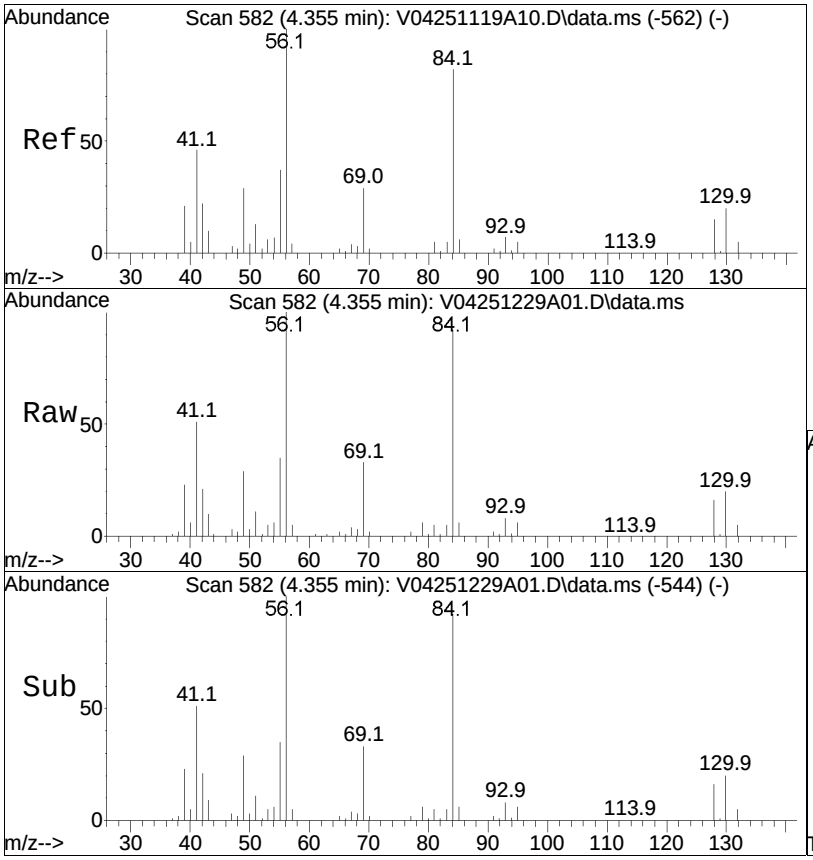


#28
cis-1,2-Dichloroethene
Concen: 41.33 ug/L
RT: 4.187 min Scan# 550
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 96 Resp: 241214

Ion	Ratio	Lower	Upper
96	100		
61	117.2	114.4	171.6
98	62.1	51.3	76.9

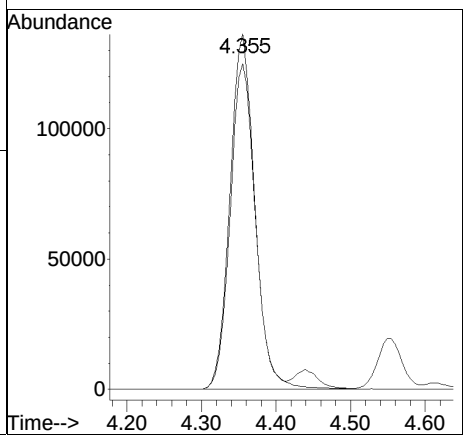


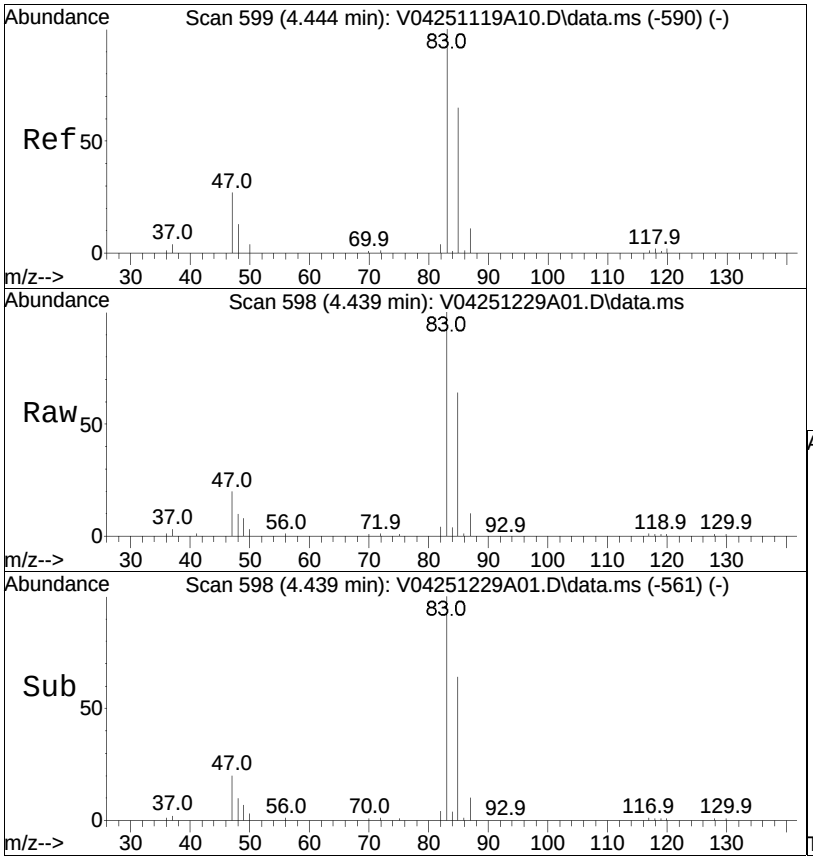


#31
Cyclohexane
Concen: 40.46 ug/L
RT: 4.355 min Scan# 582
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 56 Resp: 318380

Ion	Ratio	Lower	Upper
56	100		
84	91.8	48.2	100.2

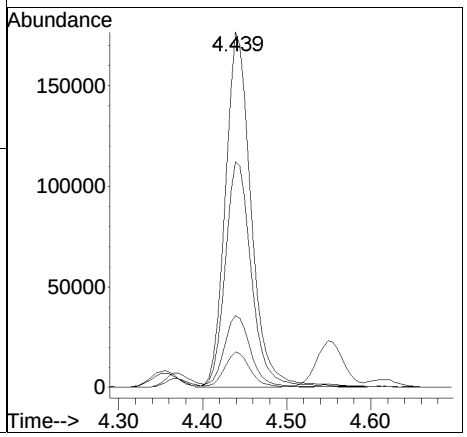


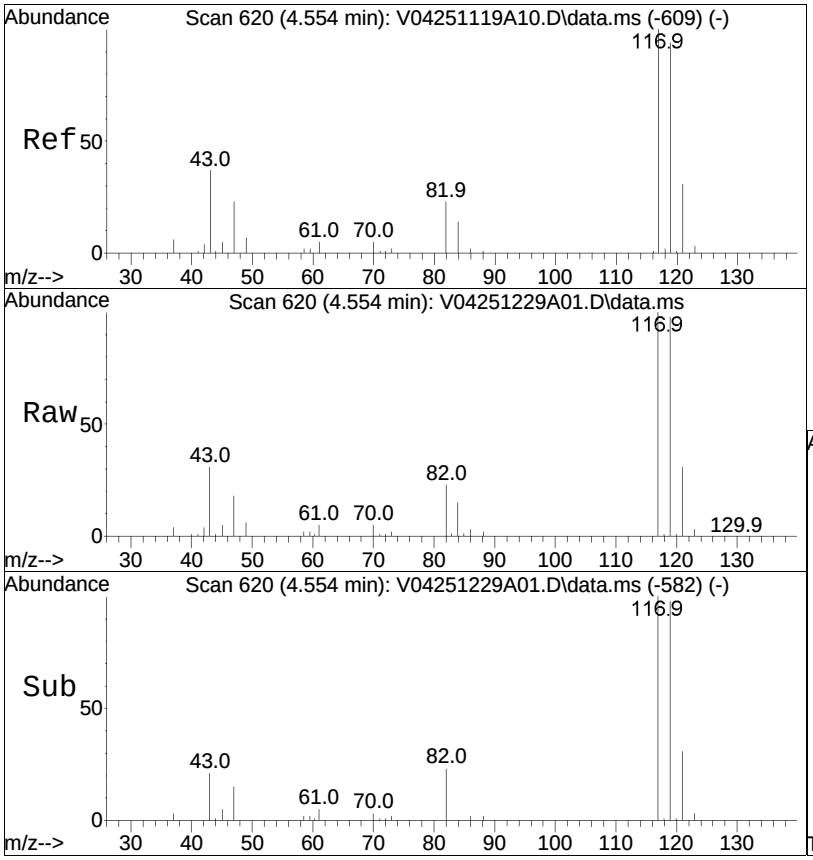


#32
Chloroform
Concen: 40.92 ug/L
RT: 4.439 min Scan# 598
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 83 Resp: 375397

Ion	Ratio	Lower	Upper
83	100		
85	63.5	41.9	87.1
47	19.5	16.7	34.7
48	9.7	7.9	16.3

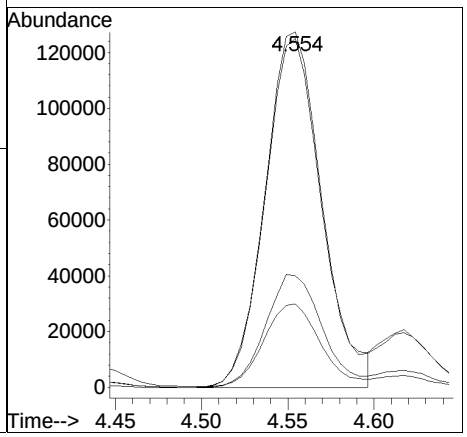


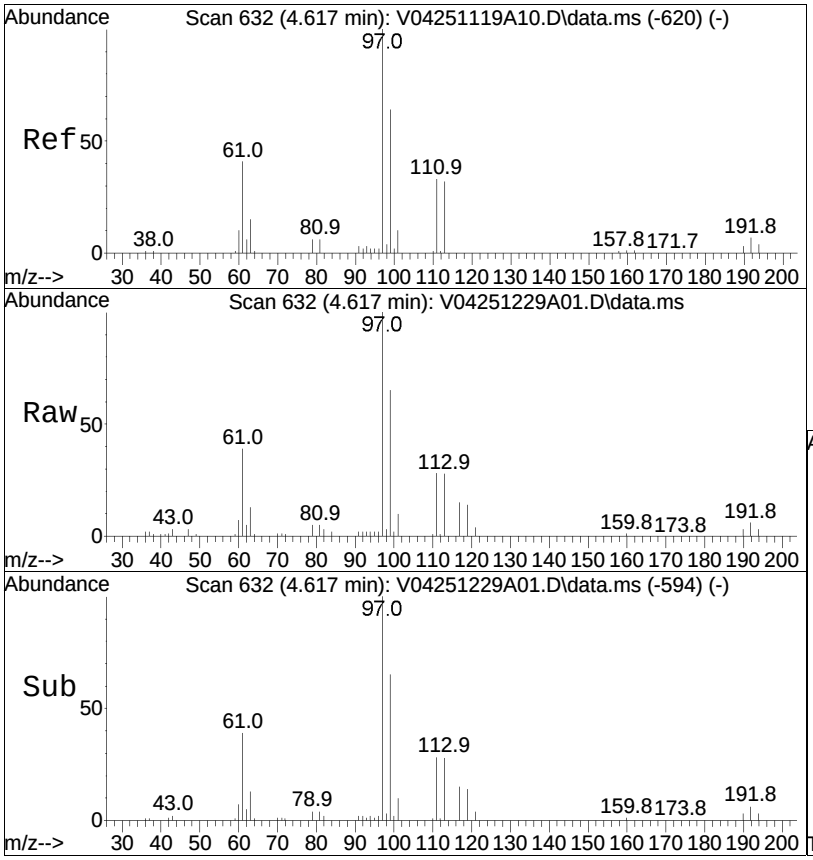


#34
Carbon tetrachloride
Concen: 39.37 ug/L
RT: 4.554 min Scan# 620
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:117 Resp: 292216

Ion	Ratio	Lower	Upper
117	100		
119	96.0	62.9	130.7
121	31.7	20.2	42.0
82	23.5	14.9	30.9

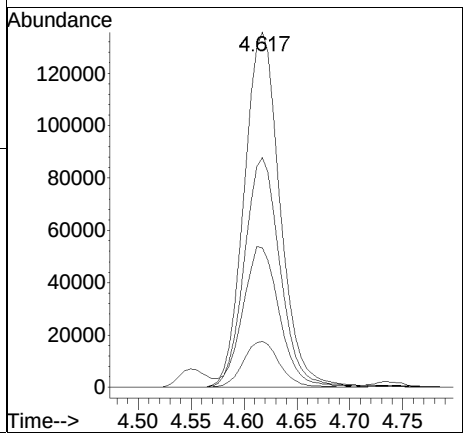


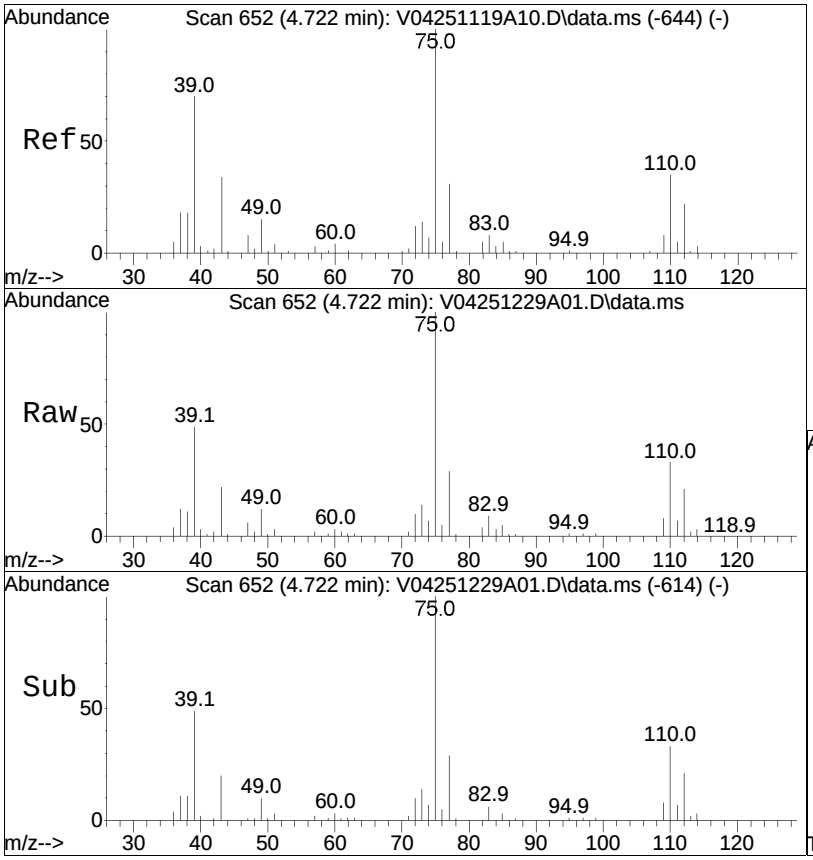


#37
1,1,1-Trichloroethane
Concen: 41.64 ug/L
RT: 4.617 min Scan# 632
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 97 Resp: 321236

Ion	Ratio	Lower	Upper
97	100		
99	64.8	41.7	86.7
61	40.7	30.9	64.3
63	13.2	9.6	20.0

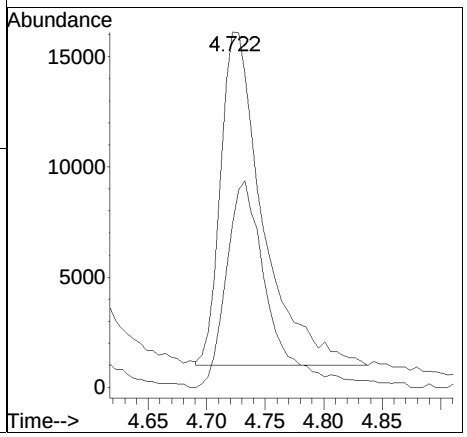


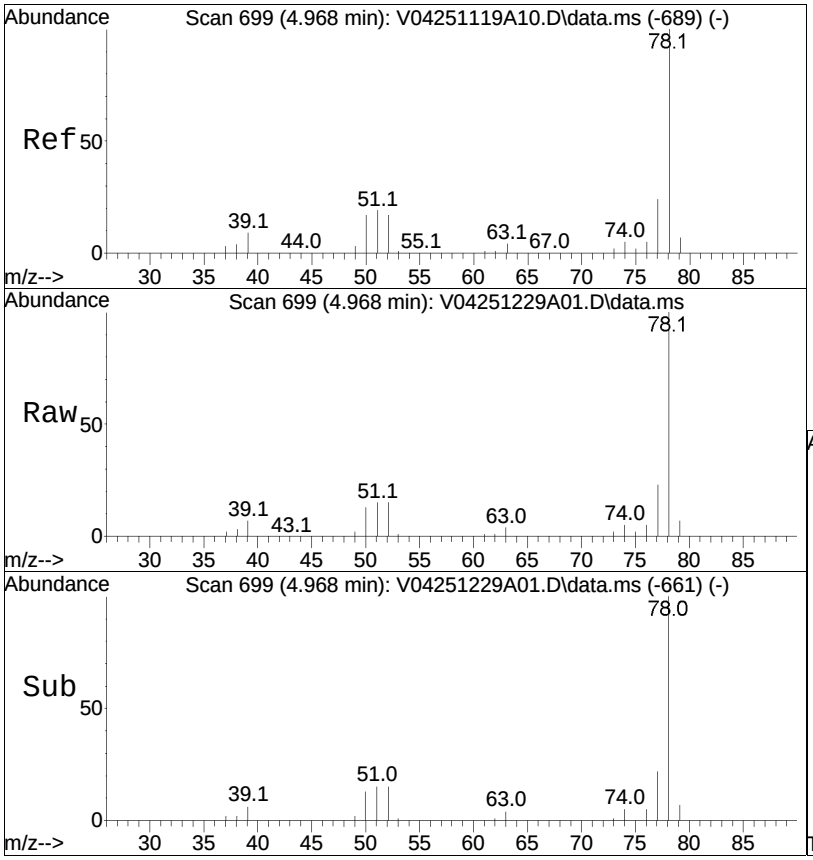


#39
2-Butanone
Concen: 28.43 ug/L
RT: 4.722 min Scan# 652
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 43 Resp: 37985

Ion	Ratio	Lower	Upper
43	100		
72	62.0	25.8	38.8#

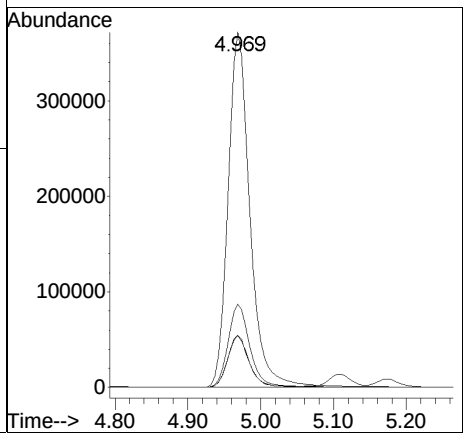


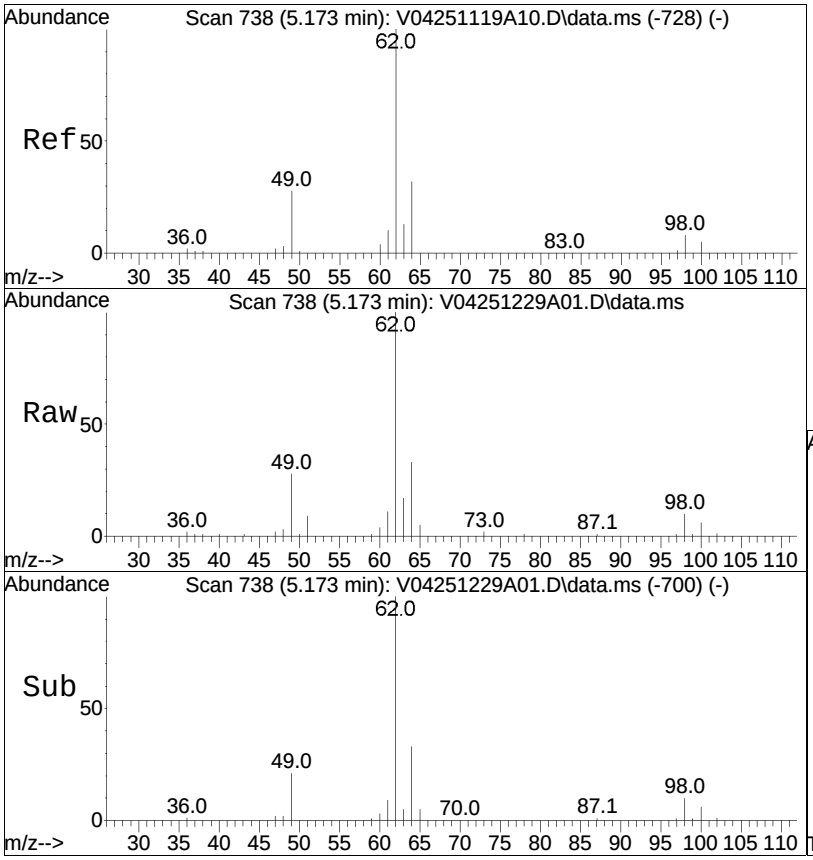


#41
Benzene
Concen: 42.92 ug/L
RT: 4.968 min Scan# 699
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 78 Resp: 778717

Ion	Ratio	Lower	Upper
78	100		
77	23.5	15.1	31.3
51	14.4	12.2	25.4
52	14.3	11.9	24.7

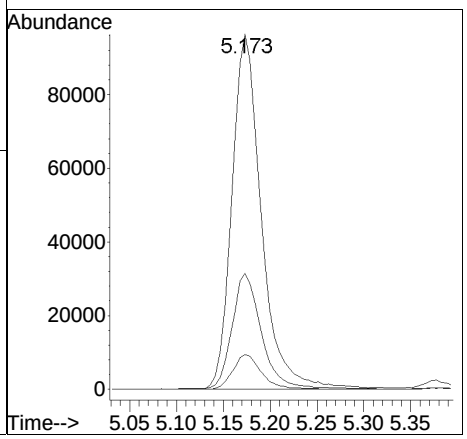


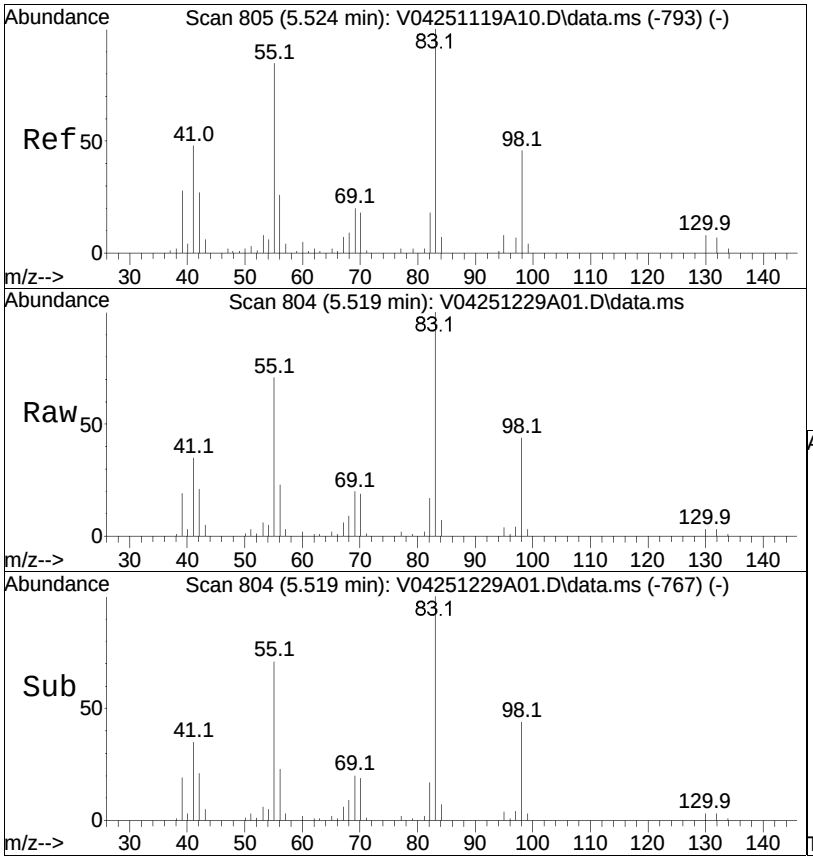


#44
1,2-Dichloroethane
Concen: 32.95 ug/L
RT: 5.173 min Scan# 738
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 62 Resp: 211689

Ion	Ratio	Lower	Upper
62	100		
64	33.1	11.3	51.3
98	9.6	0.0	27.5

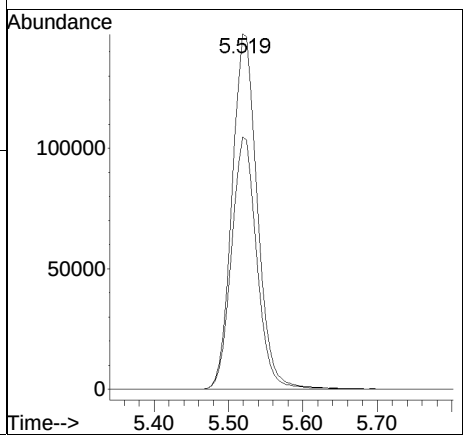


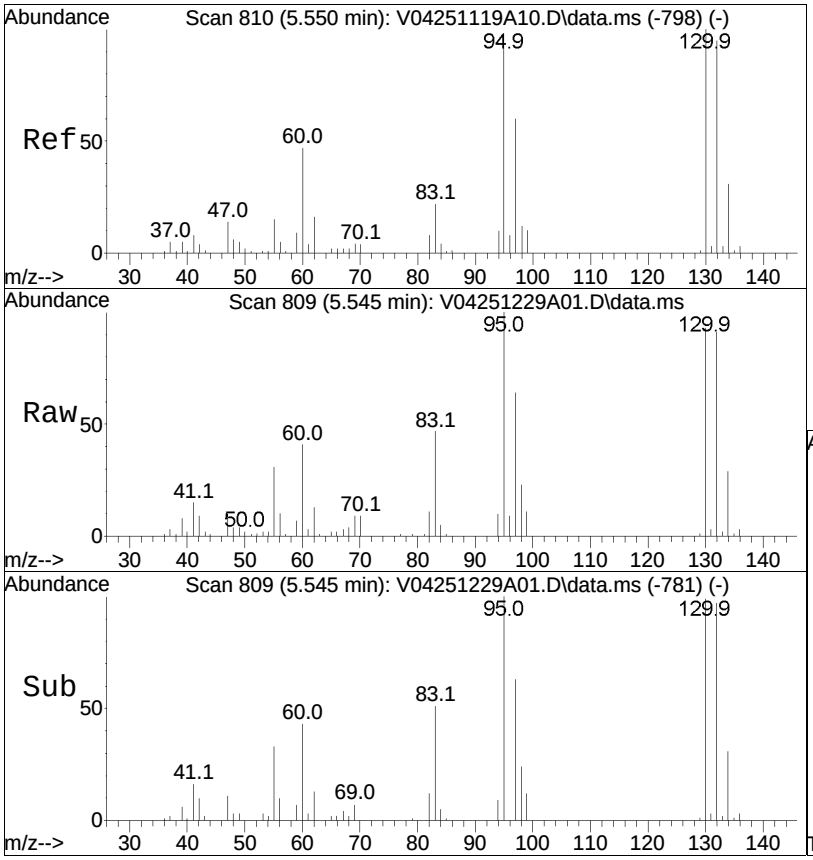


#47
Methyl cyclohexane
Concen: 45.97 ug/L
RT: 5.519 min Scan# 804
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 83 Resp: 349317

Ion	Ratio	Lower	Upper
83	100		
55	71.1	73.0	109.4#

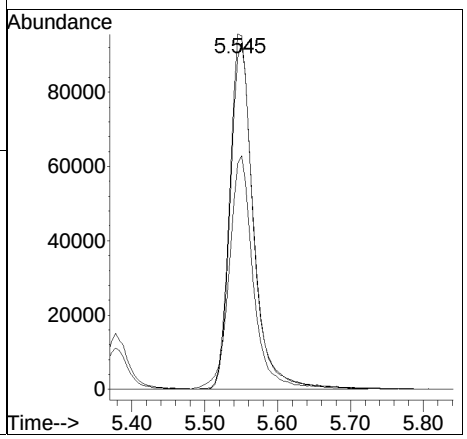


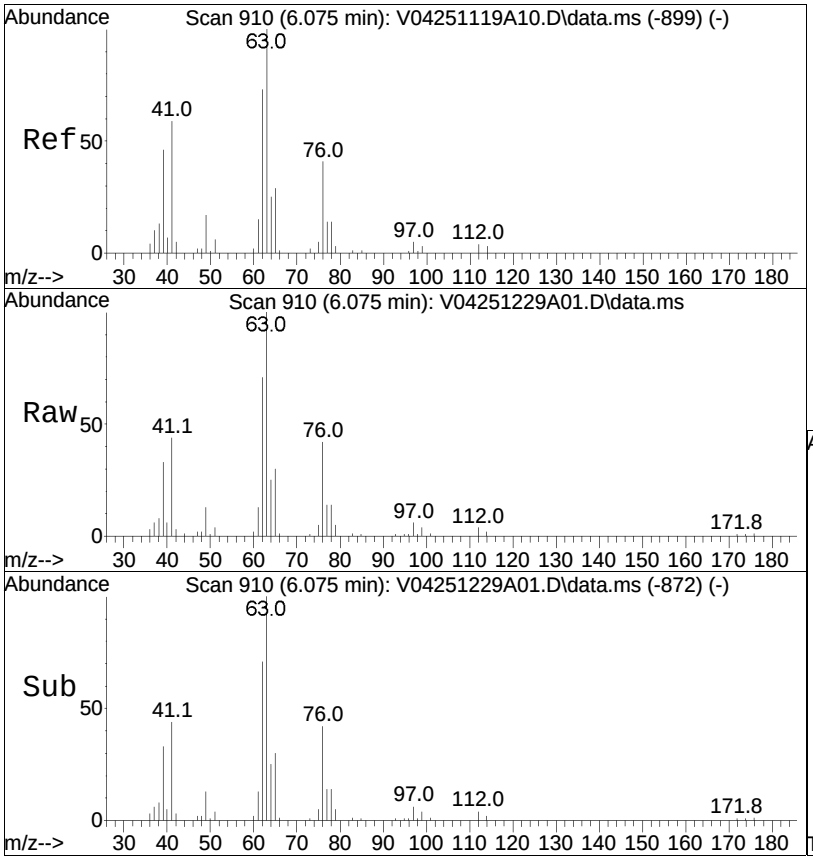


#48
Trichloroethene
Concen: 44.80 ug/L
RT: 5.545 min Scan# 809
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 95 Resp: 216264

Ion	Ratio	Lower	Upper
95	100		
97	67.4	53.9	80.9
130	96.5	83.1	124.7

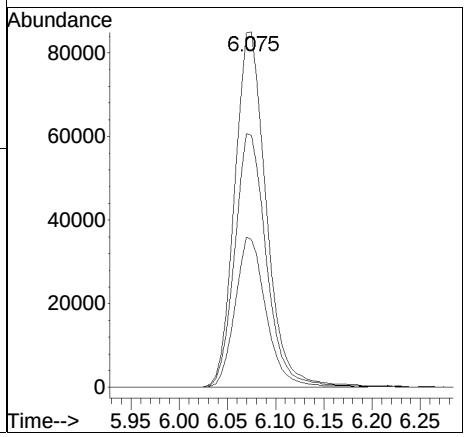


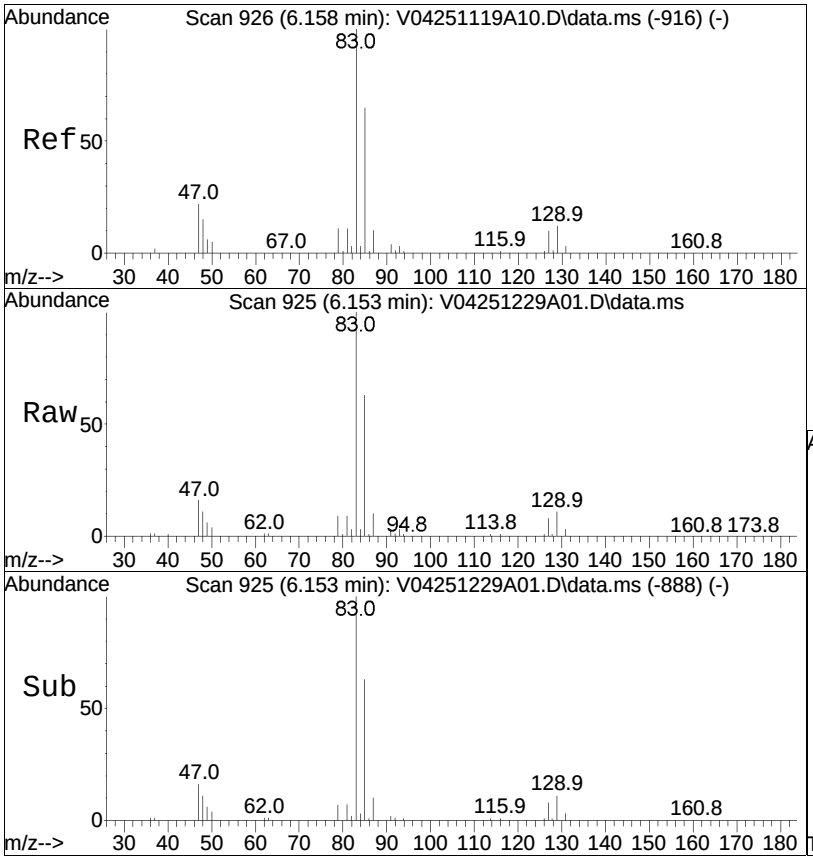


#51
1,2-Dichloropropane
Concen: 37.02 ug/L
RT: 6.075 min Scan# 910
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 63 Resp: 194661

Ion	Ratio	Lower	Upper
63	100		
62	71.9	58.2	87.2
76	41.7	31.4	47.2

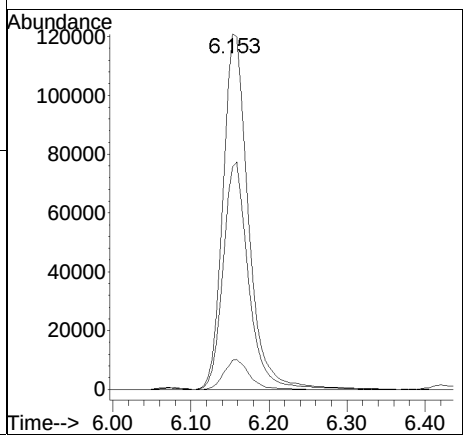


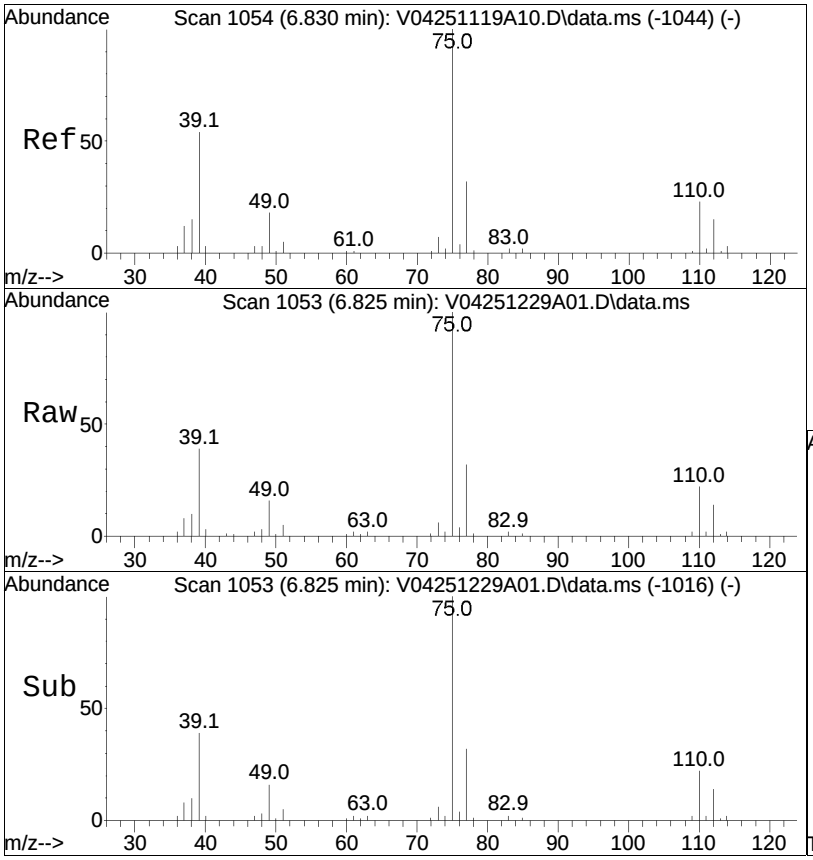


#54
Bromodichloromethane
Concen: 38.31 ug/L
RT: 6.153 min Scan# 925
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 83 Resp: 274750

Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.2	76.8
127	8.4	7.3	10.9

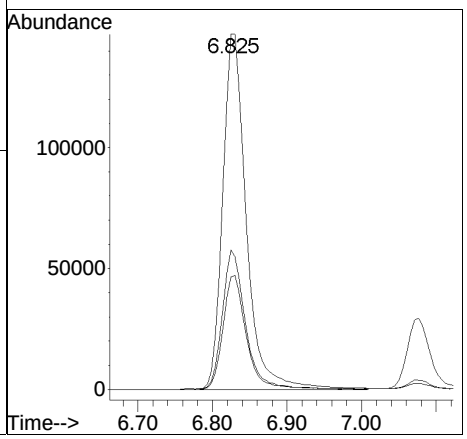


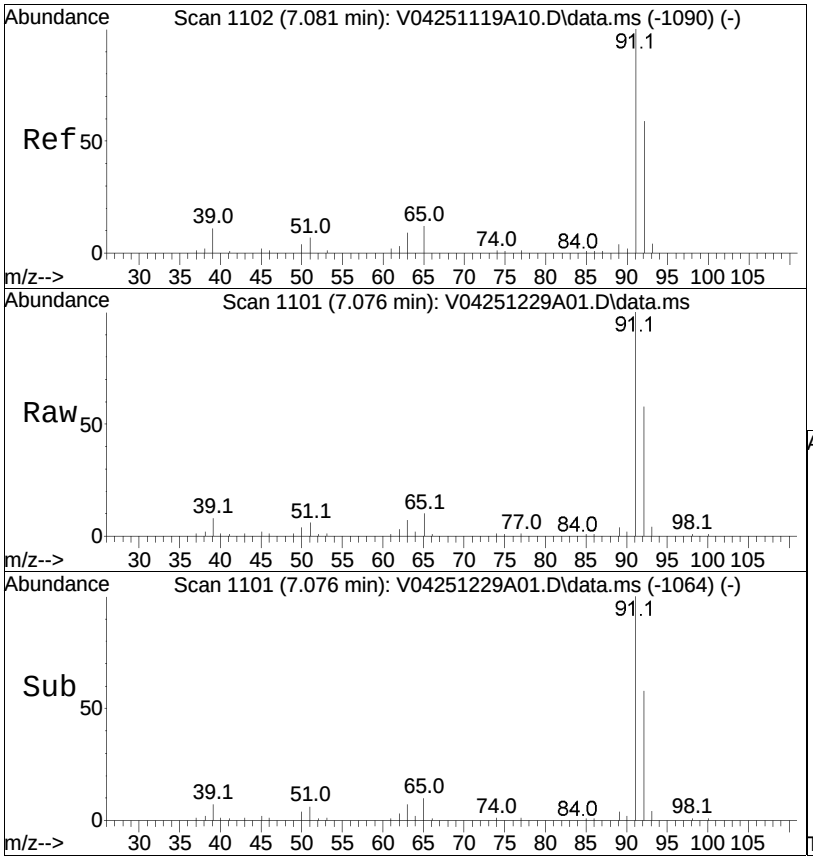


#58
cis-1,3-Dichloropropene
Concen: 41.95 ug/L
RT: 6.825 min Scan# 1053
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 75 Resp: 324631

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.3	37.9
39	37.5	40.2	60.2#

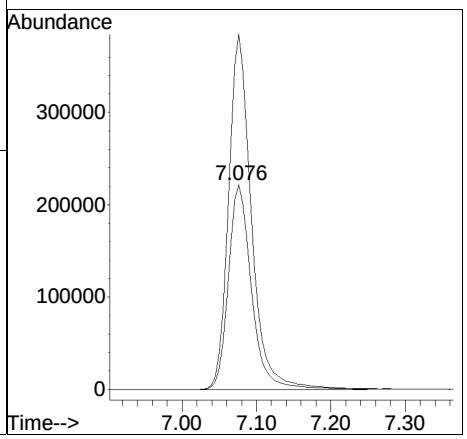


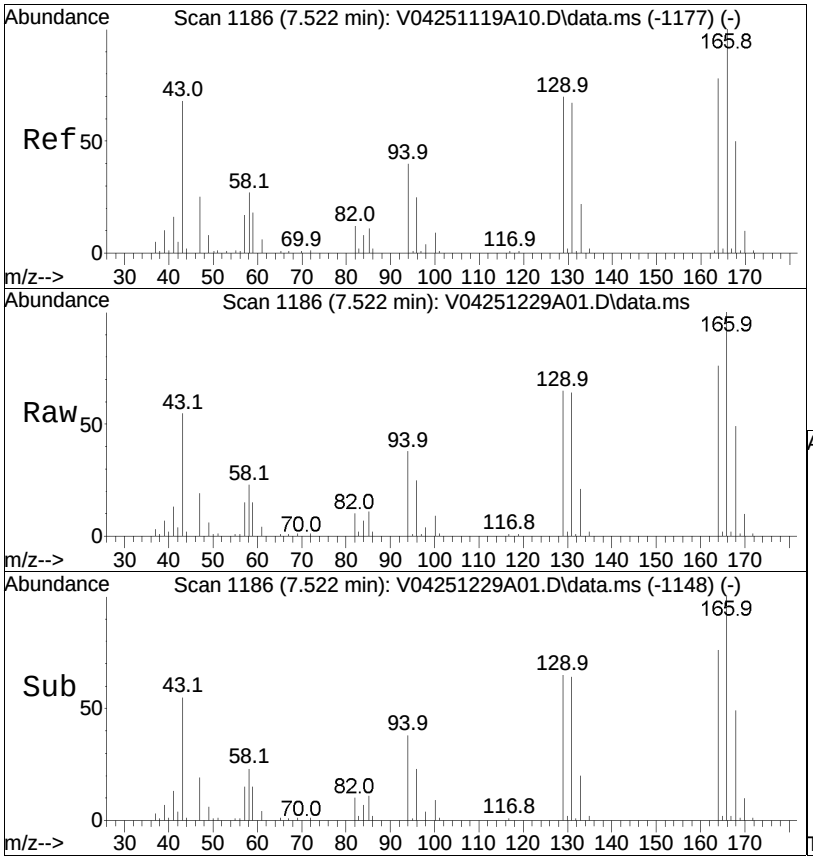


#61
Toluene
Concen: 44.04 ug/L
RT: 7.076 min Scan# 1101
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 92 Resp: 478969

Ion	Ratio	Lower	Upper
92	100		
91	171.1	135.8	203.6

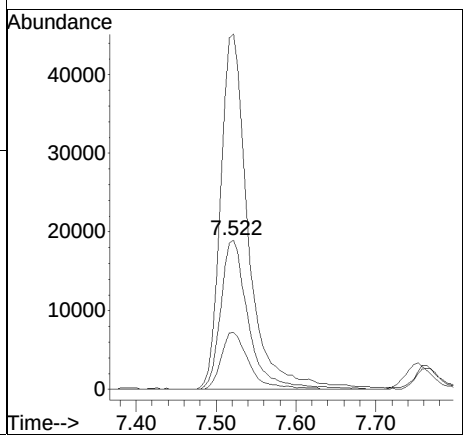


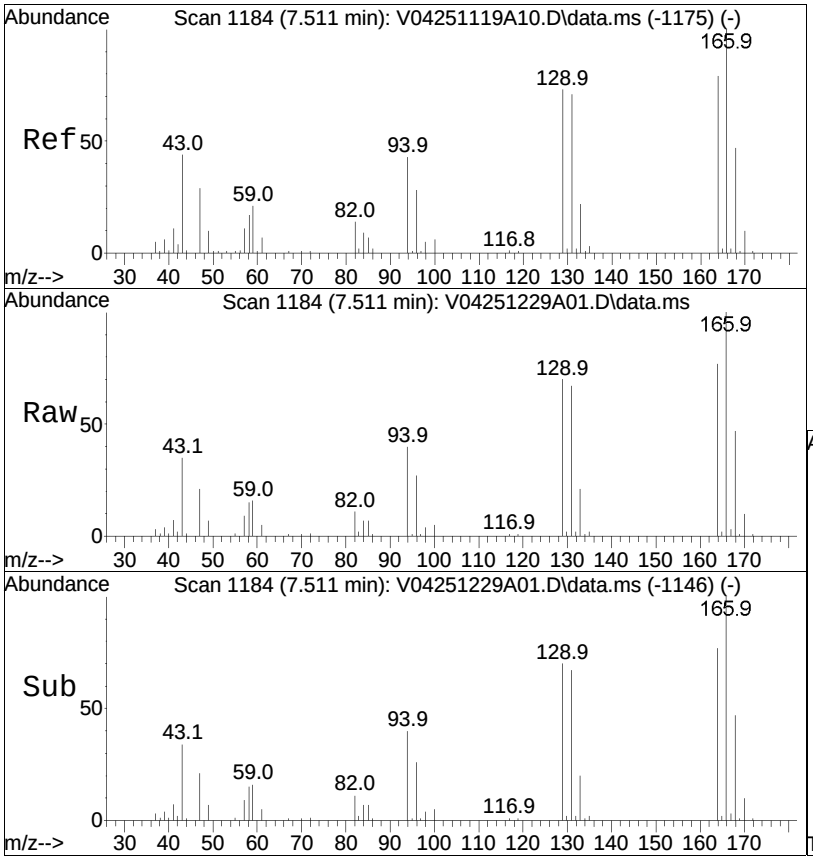


#62
4-Methyl-2-pentanone
Concen: 38.67 ug/L
RT: 7.522 min Scan# 1186
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 58 Resp: 46094

Ion	Ratio	Lower	Upper
58	100		
100	38.4	25.6	38.4#
43	235.0	195.7	293.5

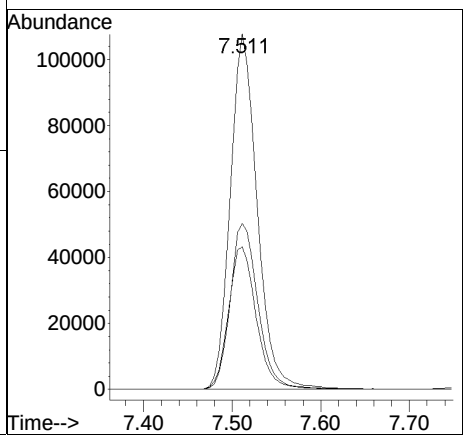


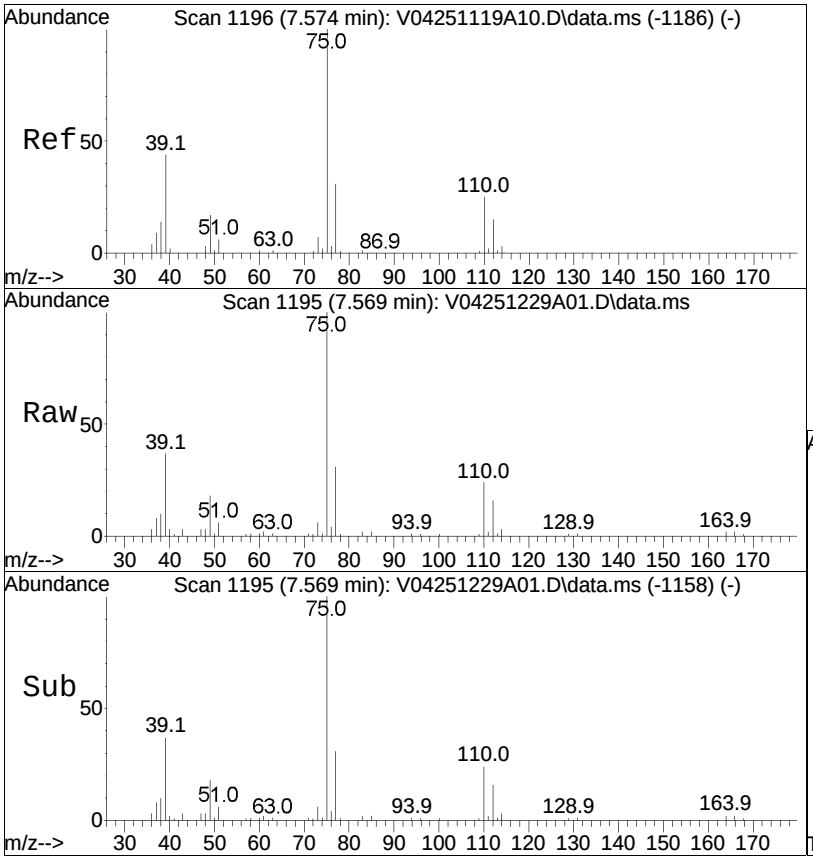


#63
Tetrachloroethene
Concen: 44.26 ug/L
RT: 7.511 min Scan# 1184
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:166 Resp: 228091

Ion	Ratio	Lower	Upper
166	100		
168	48.0	27.6	67.6
94	41.3	20.9	60.9

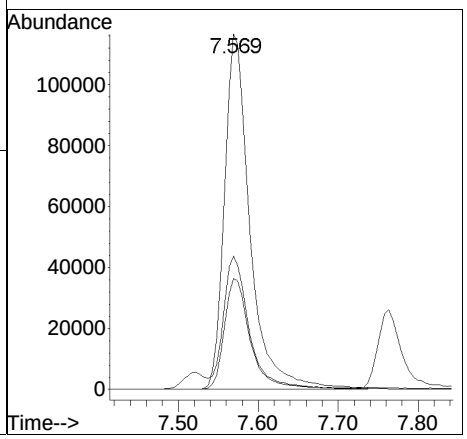


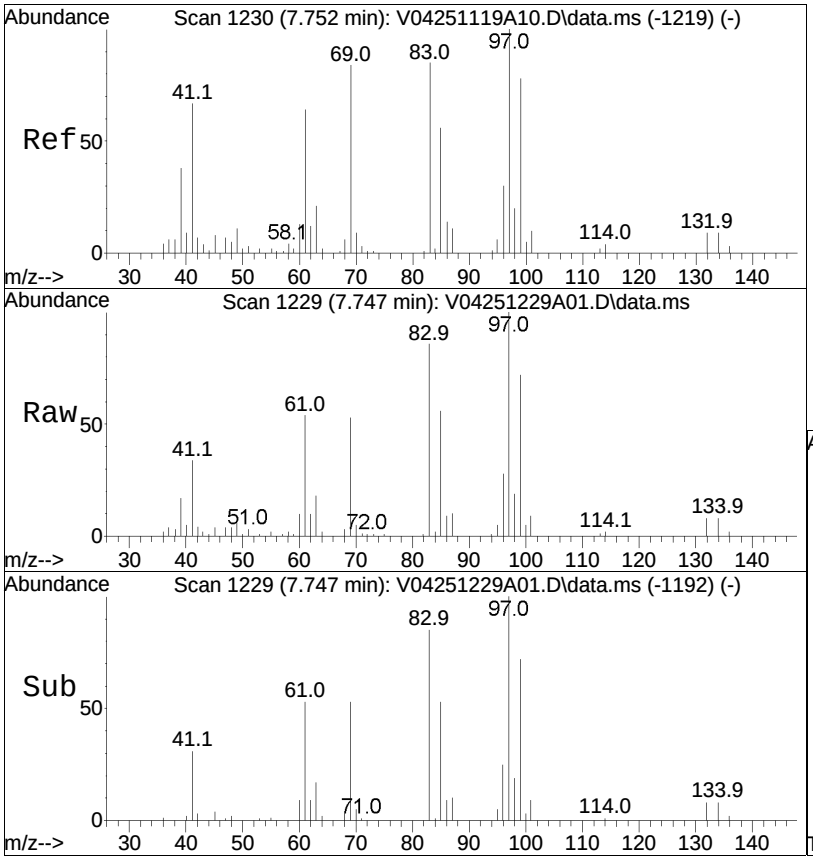


#65
trans-1,3-Dichloropropene
Concen: 44.13 ug/L
RT: 7.569 min Scan# 1195
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 75 Resp: 260449

Ion	Ratio	Lower	Upper
75	100		
77	31.8	12.0	52.0
39	37.3	29.3	69.3

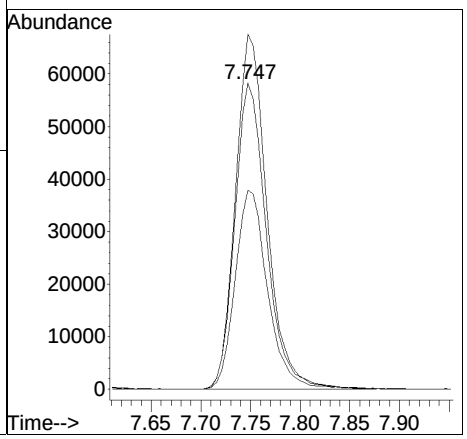


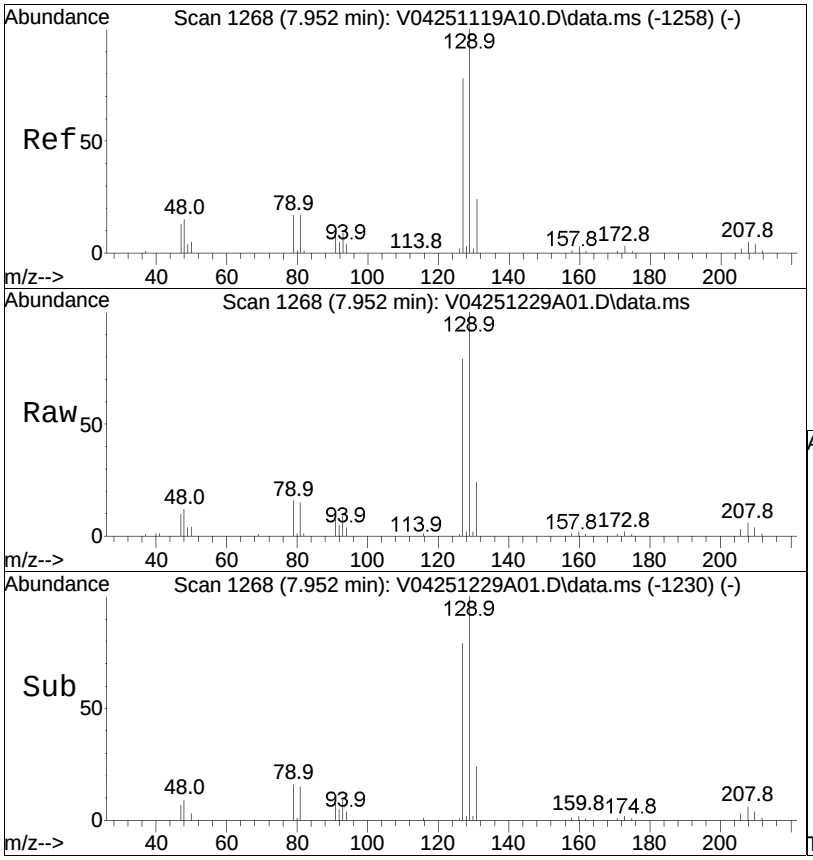


#68
1,1,2-Trichloroethane
Concen: 40.20 ug/L
RT: 7.747 min Scan# 1229
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 83 Resp: 129689

Ion	Ratio	Lower	Upper
83	100		
97	115.1	99.3	139.3
85	66.9	47.8	87.8

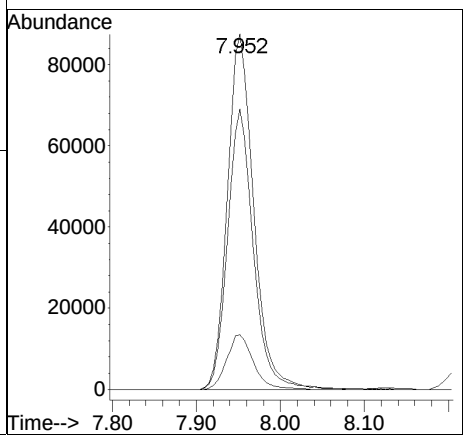


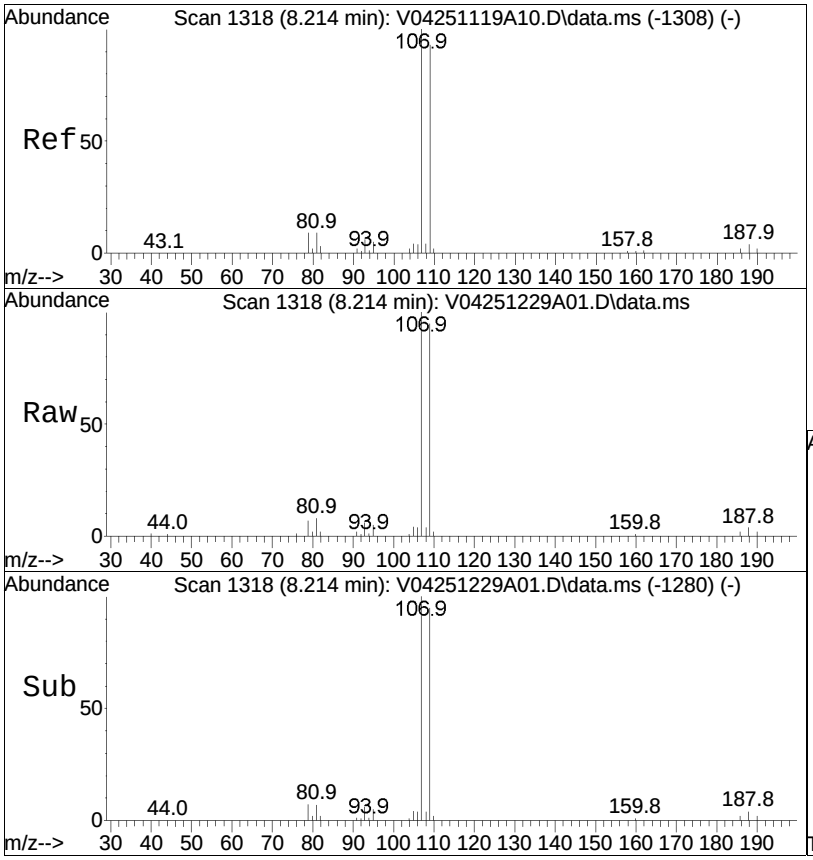


#69
Chlorodibromomethane
Concen: 38.29 ug/L
RT: 7.952 min Scan# 1268
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:129 Resp: 190980

Ion	Ratio	Lower	Upper
129	100		
81	15.5	0.0	34.6
127	77.1	56.9	96.9

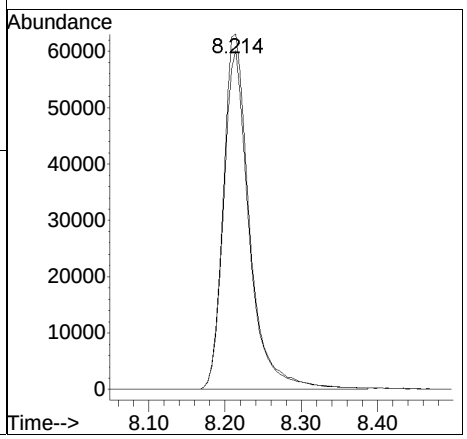


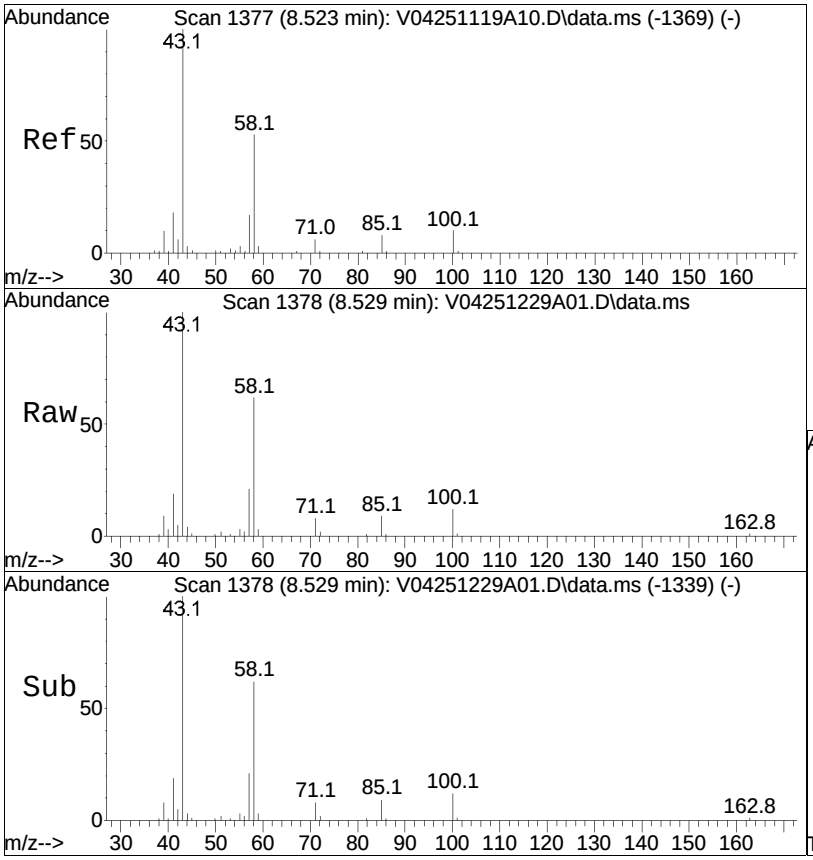


#71
1,2-Dibromoethane
Concen: 42.80 ug/L
RT: 8.214 min Scan# 1318
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:107 Resp: 152021

Ion	Ratio	Lower	Upper
107	100		
109	93.1	75.4	113.0

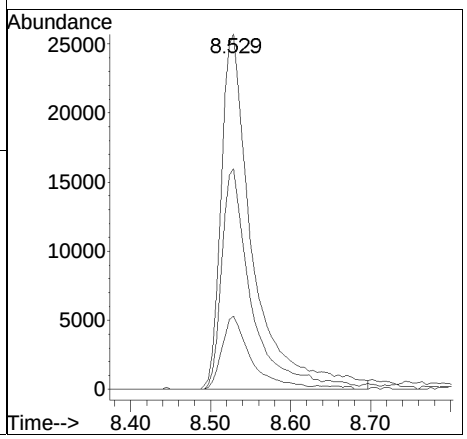


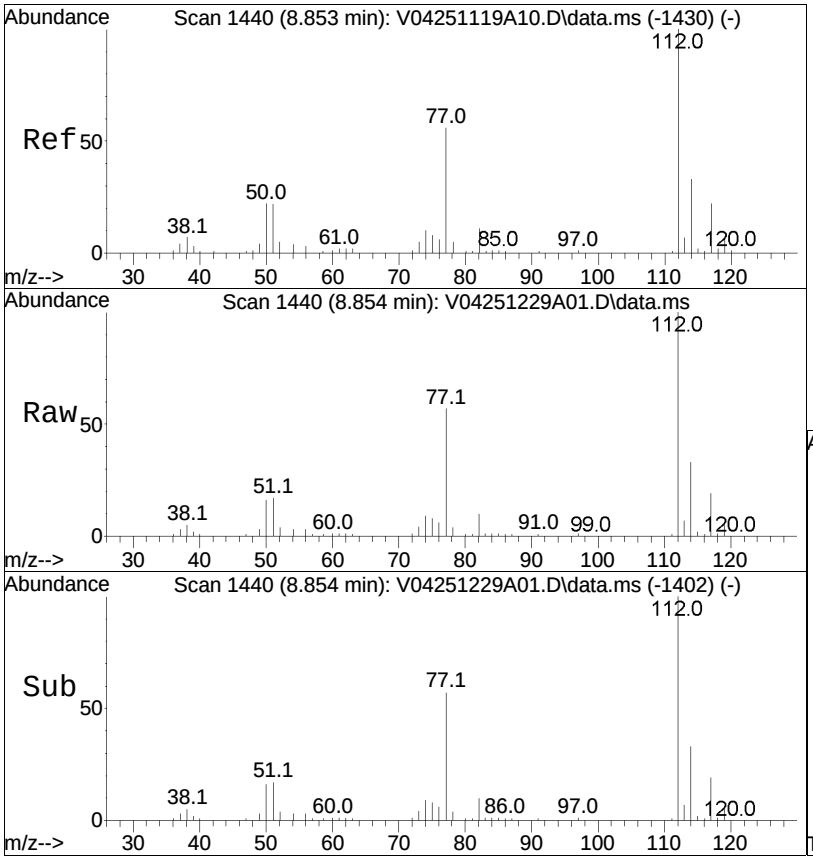


#72
2-Hexanone
Concen: 34.89 ug/L
RT: 8.529 min Scan# 1378
Delta R.T. 0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 43 Resp: 70782

Ion	Ratio	Lower	Upper
43	100		
58	59.1	44.7	67.1
57	19.1	15.4	23.0

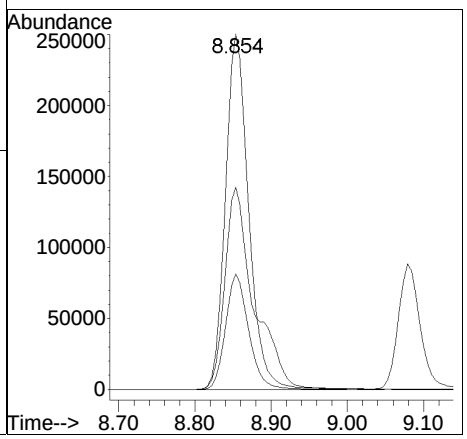


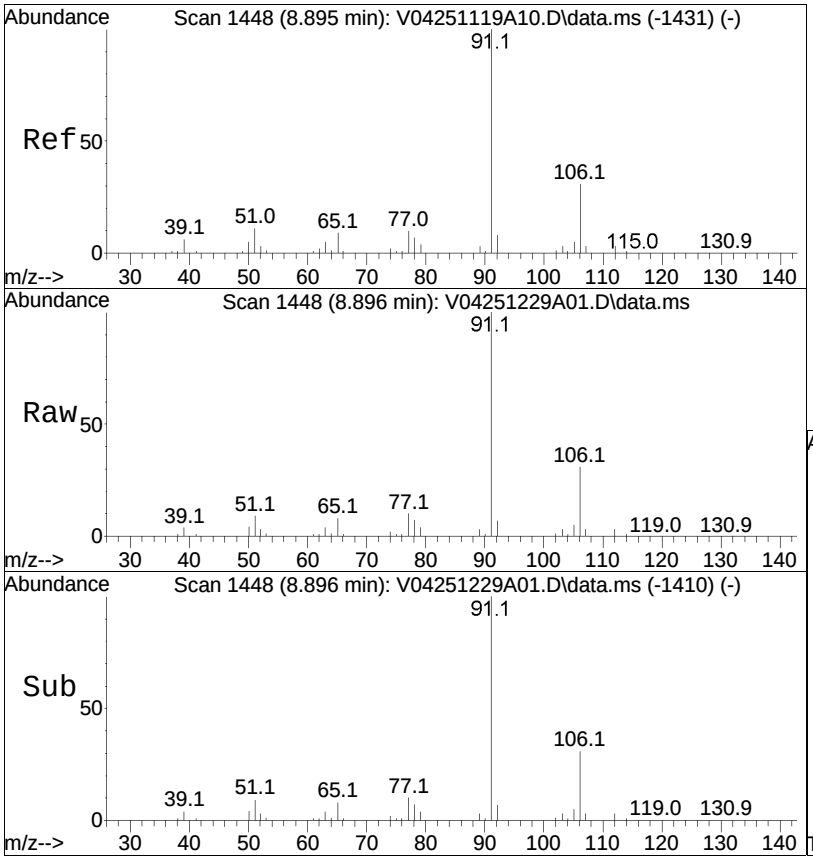


#73
Chlorobenzene
Concen: 43.41 ug/L
RT: 8.854 min Scan# 1440
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:112 Resp: 529900

Ion	Ratio	Lower	Upper
112	100		
77	71.4	55.3	82.9
114	32.3	25.5	38.3

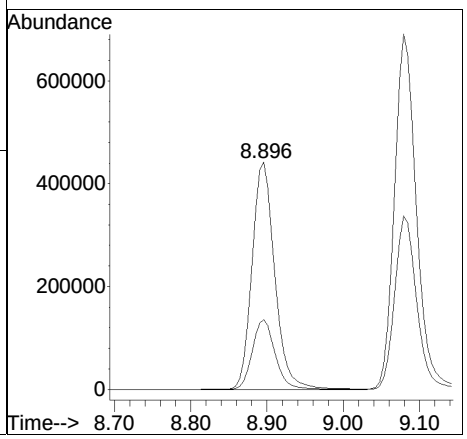


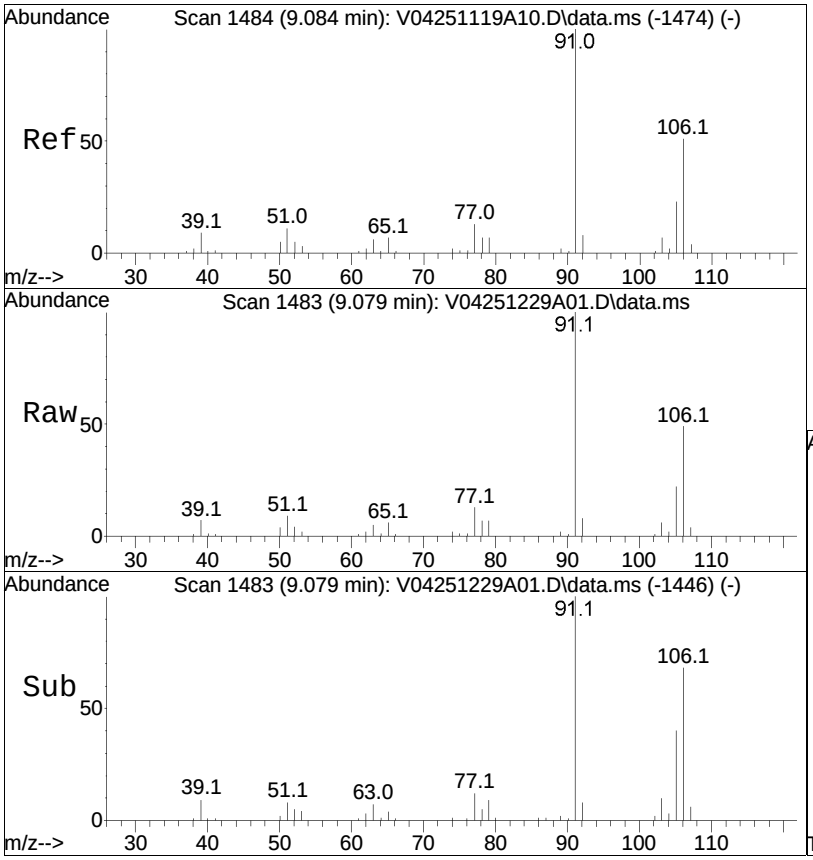


#74
Ethylbenzene
Concen: 46.98 ug/L
RT: 8.896 min Scan# 1448
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 91 Resp: 917167

Ion	Ratio	Lower	Upper
91	100		
106	30.8	25.4	38.2

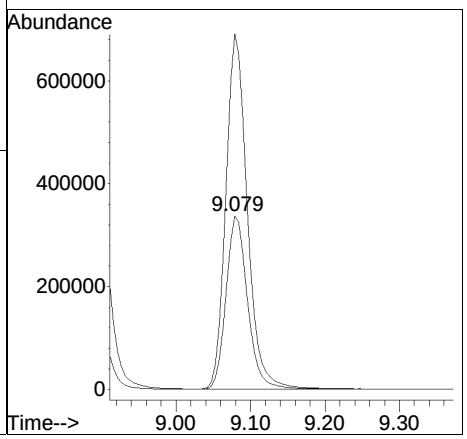


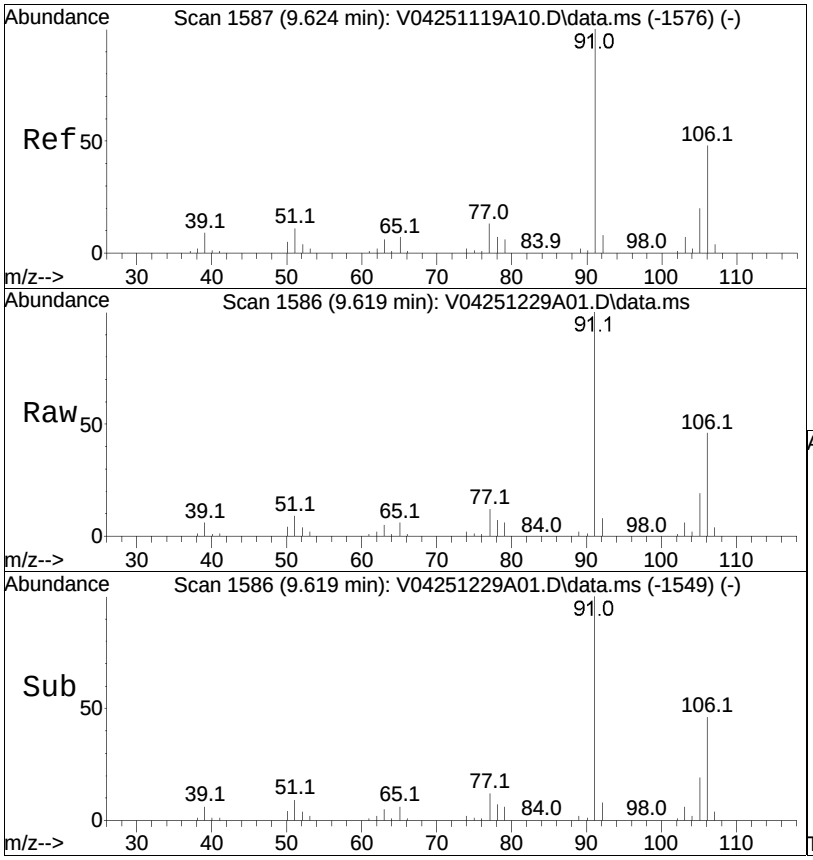


#76
p/m Xylene
Concen: 91.70 ug/L
RT: 9.079 min Scan# 1483
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:106 Resp: 679676

Ion	Ratio	Lower	Upper
106	100		
91	203.1	157.1	235.7

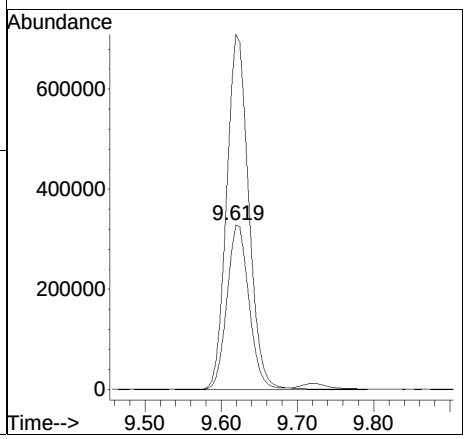


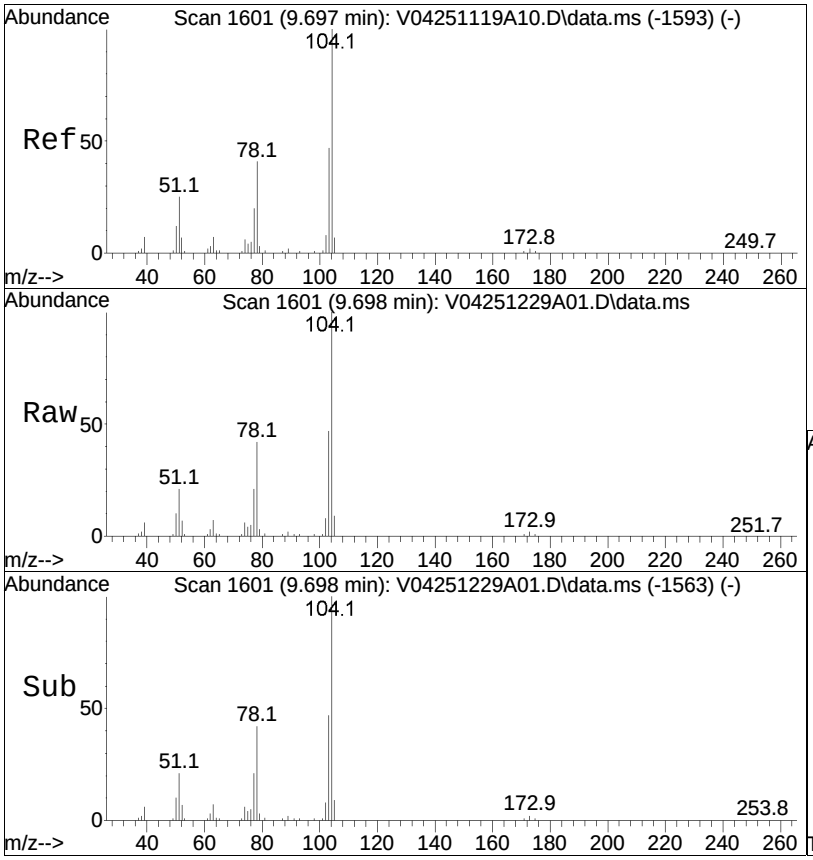


#77
o Xylene
Concen: 88.45 ug/L
RT: 9.619 min Scan# 1586
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:106 Resp: 664951

Ion	Ratio	Lower	Upper
106	100		
91	213.7	165.9	248.9

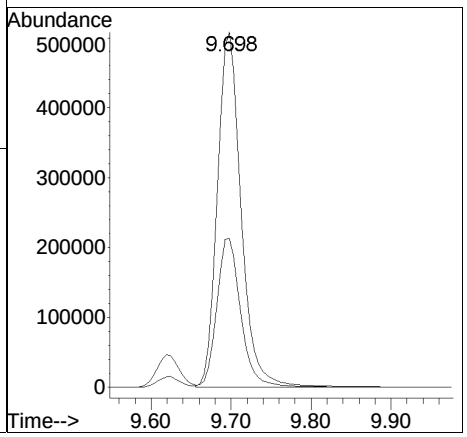


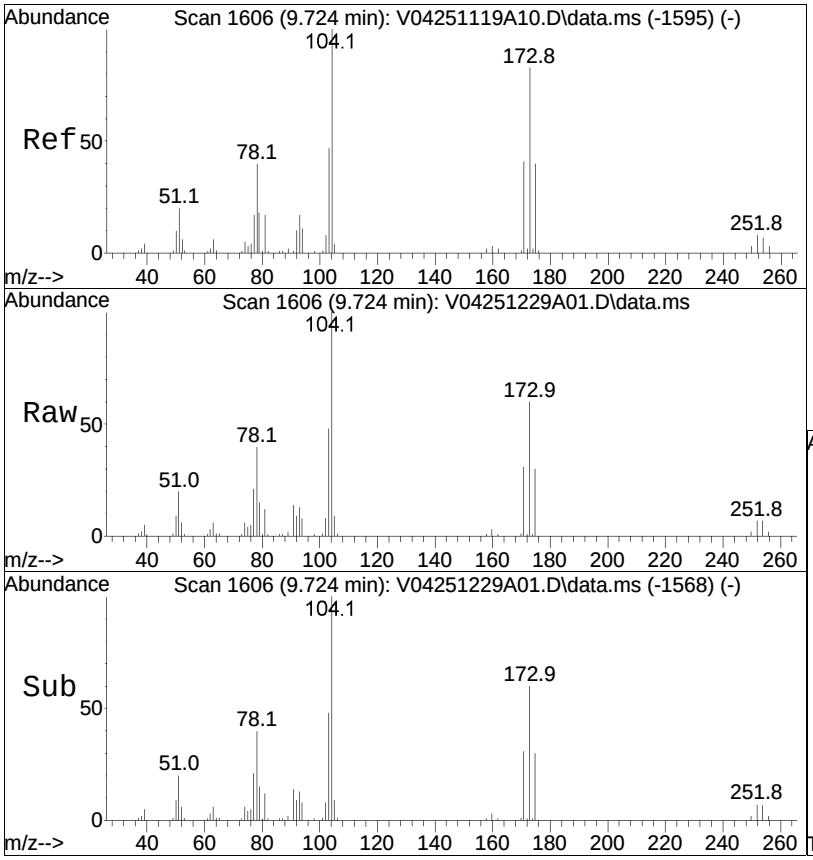


#78
Styrene
Concen: 85.90 ug/L
RT: 9.698 min Scan# 1601
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:104 Resp: 1045119

Ion	Ratio	Lower	Upper
104	100		
78	42.5	33.0	49.4

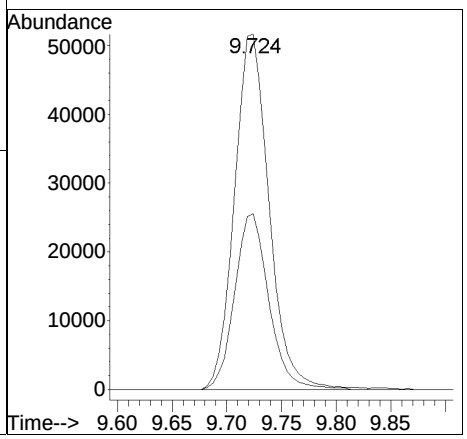


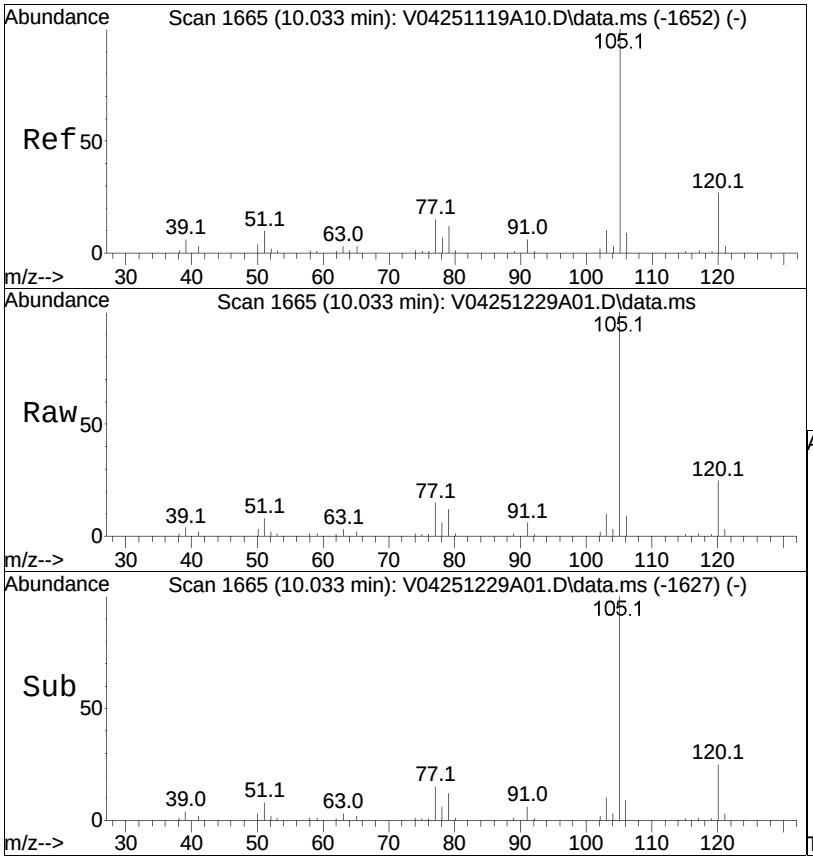


#80
Bromoform
Concen: 38.24 ug/L
RT: 9.724 min Scan# 1606
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:173 Resp: 113893

Ion	Ratio	Lower	Upper
173	100		
175	48.7	28.2	68.2

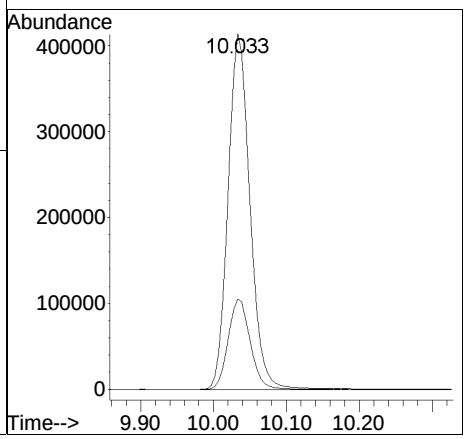


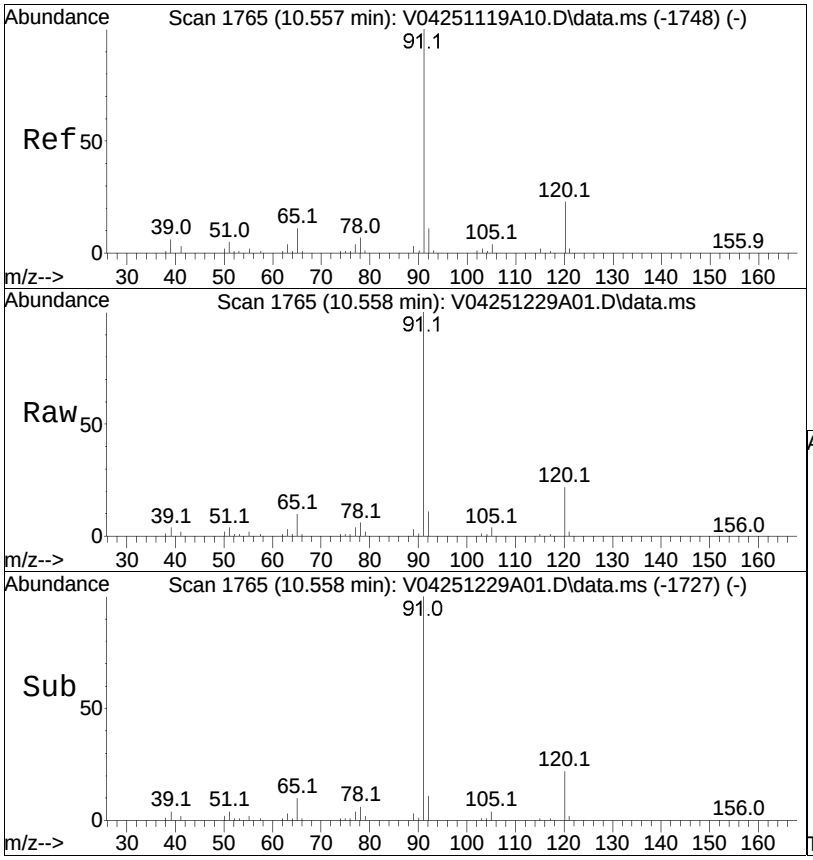


#82
Isopropylbenzene
Concen: 47.69 ug/L
RT: 10.033 min Scan# 1665
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:105 Resp: 866352

Ion	Ratio	Lower	Upper
105	100		
120	25.5	6.0	46.0

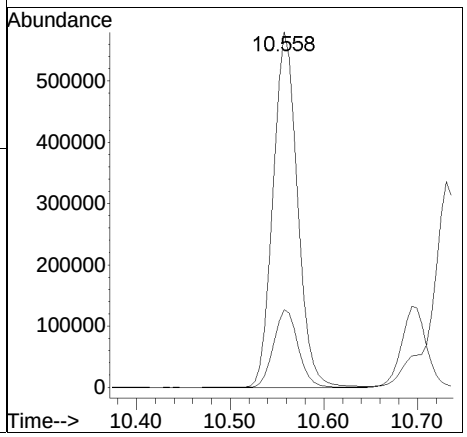


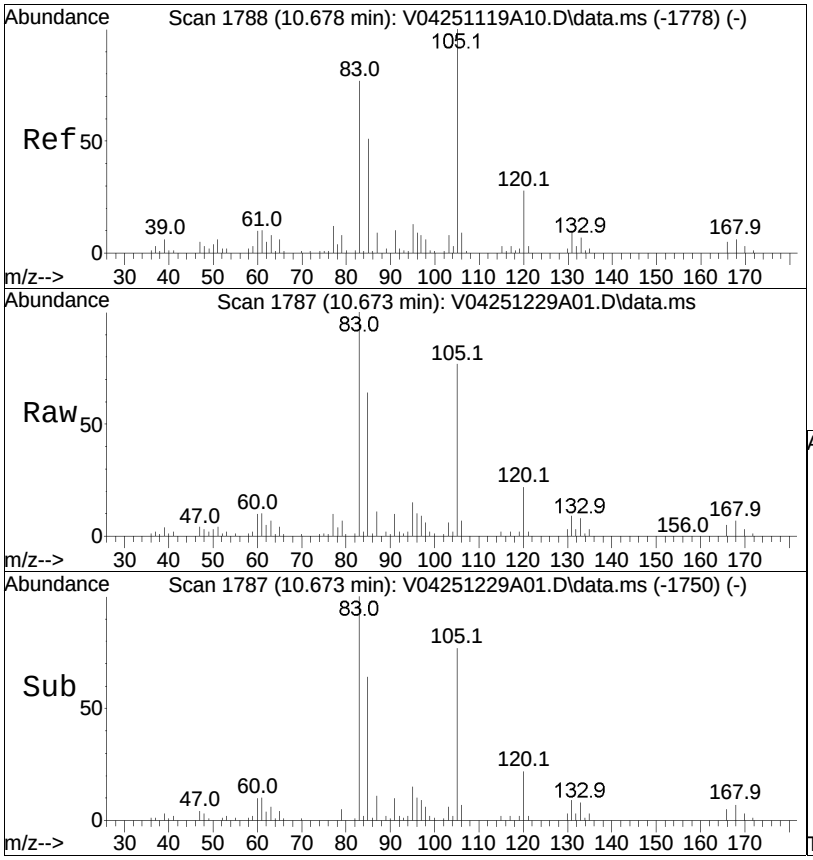


#85
n-Propylbenzene
Concen: 50.71 ug/L
RT: 10.558 min Scan# 1765
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 91 Resp: 1051995

Ion	Ratio	Lower	Upper
91	100		
120	22.0	18.9	28.3

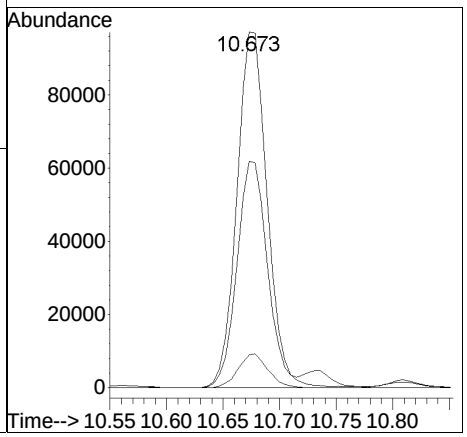


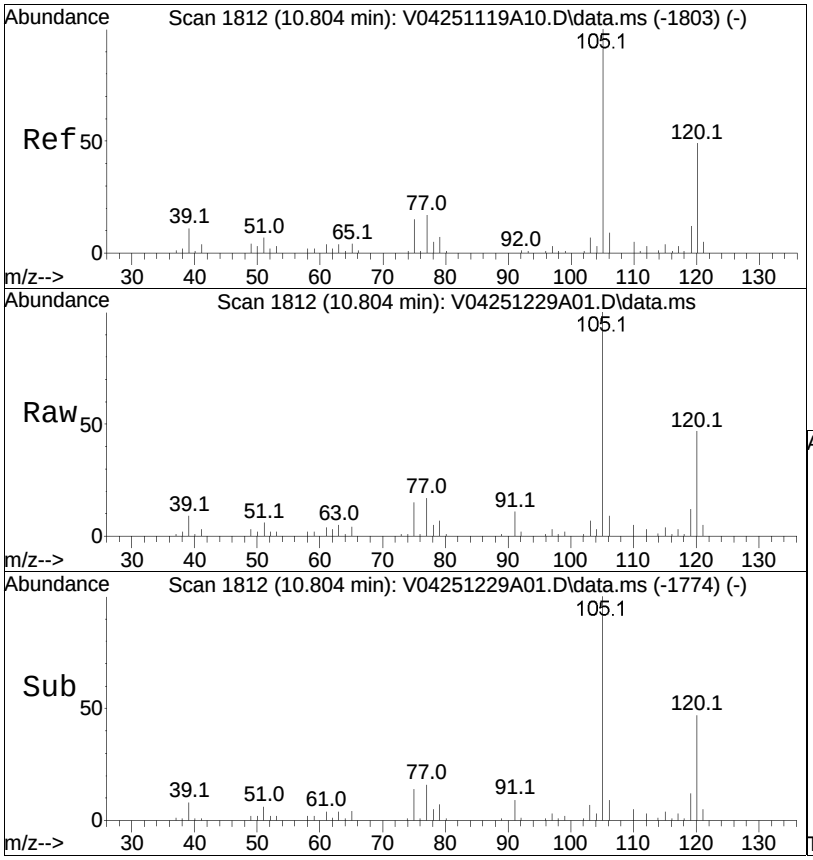


#87
1,1,2,2-Tetrachloroethane
Concen: 42.86 ug/L
RT: 10.673 min Scan# 1787
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 83 Resp: 180572

Ion	Ratio	Lower	Upper
83	100		
131	9.2	0.0	30.7
85	64.5	44.7	84.7

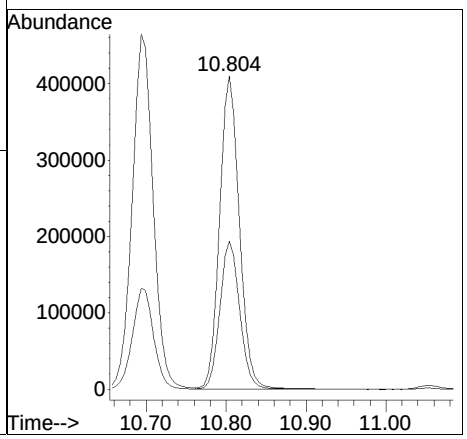


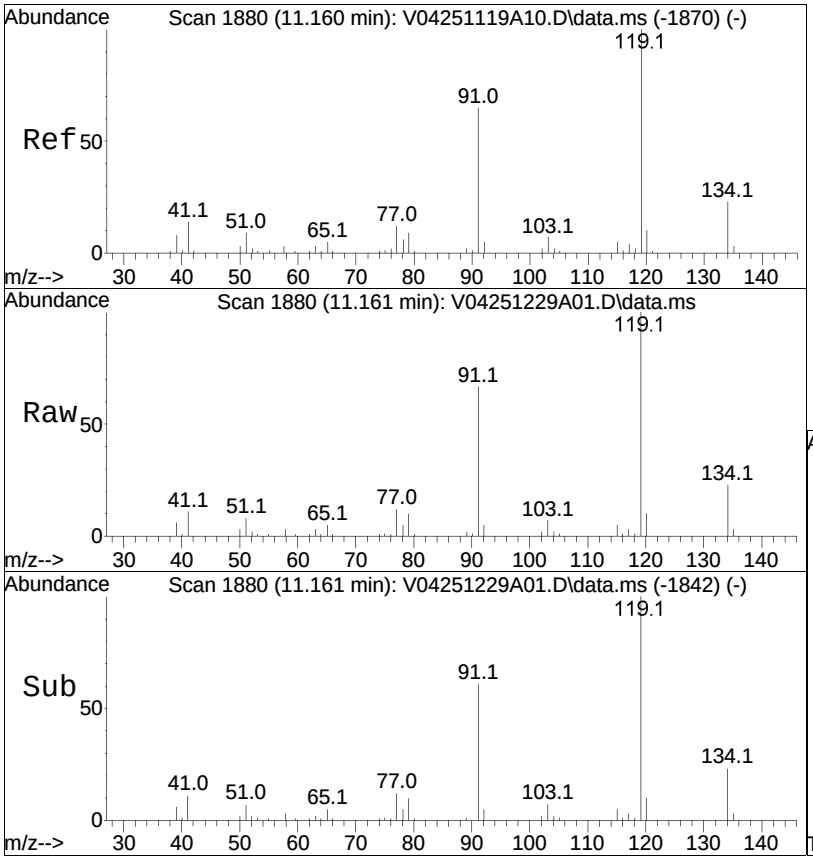


#90
1,3,5-Trimethylbenzene
Concen: 47.05 ug/L
RT: 10.804 min Scan# 1812
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:105 Resp: 703559

Ion	Ratio	Lower	Upper
105	100		
120	47.3	38.4	57.6

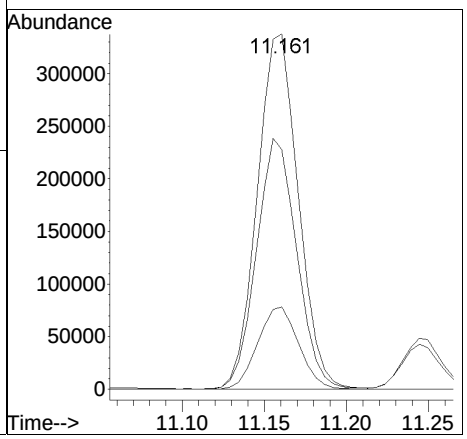


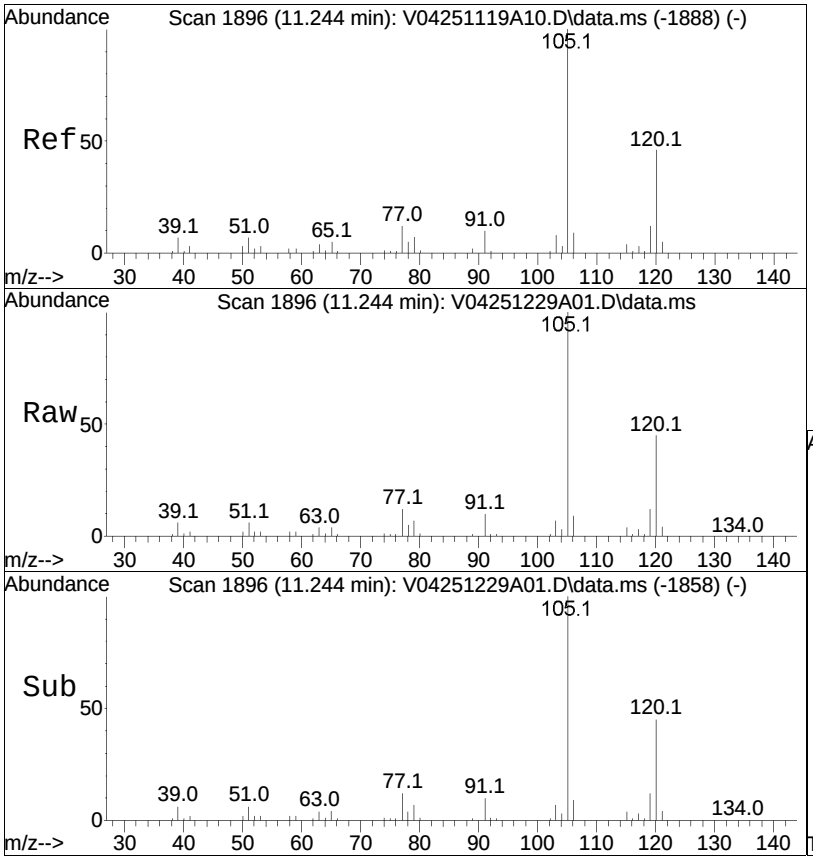


#94
tert-Butylbenzene
Concen: 45.28 ug/L
RT: 11.161 min Scan# 1880
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:119 Resp: 588415

Ion	Ratio	Lower	Upper
119	100		
91	68.9	53.0	79.6
134	23.3	19.6	29.4

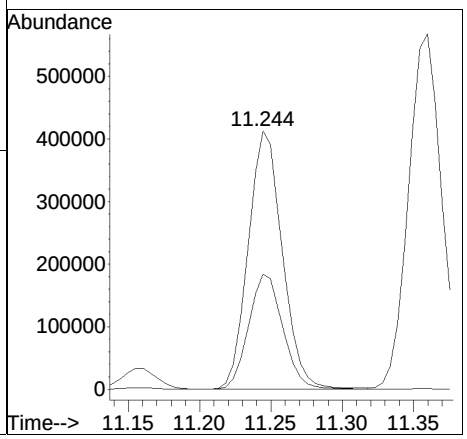


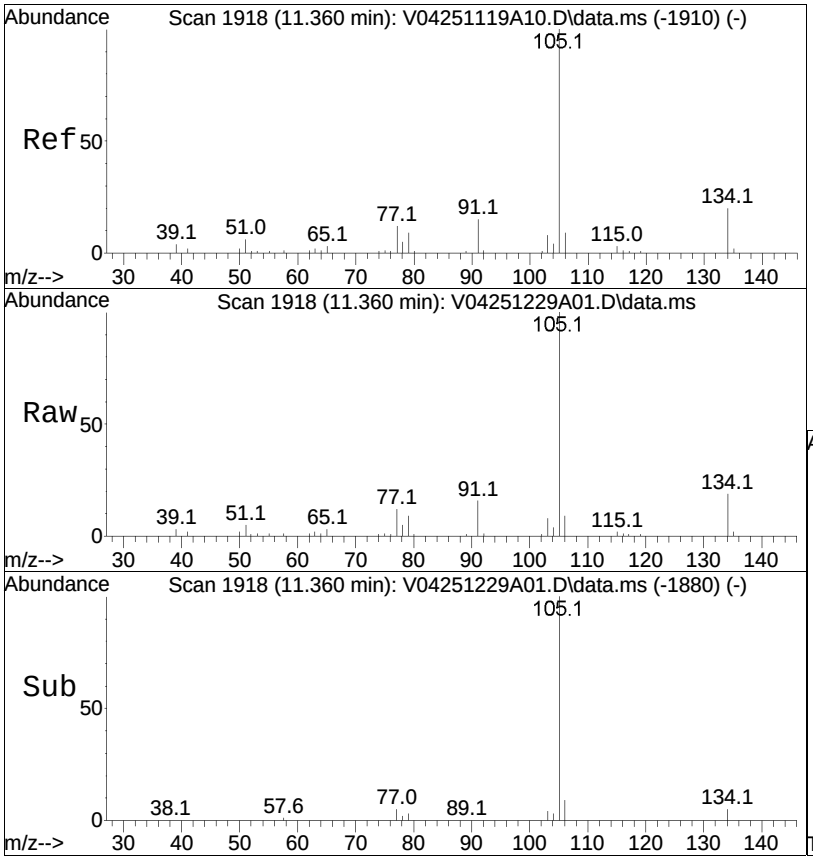


#97
1,2,4-Trimethylbenzene
Concen: 45.61 ug/L
RT: 11.244 min Scan# 1896
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:105 Resp: 687200

Ion	Ratio	Lower	Upper
105	100		
120	44.7	36.4	54.6

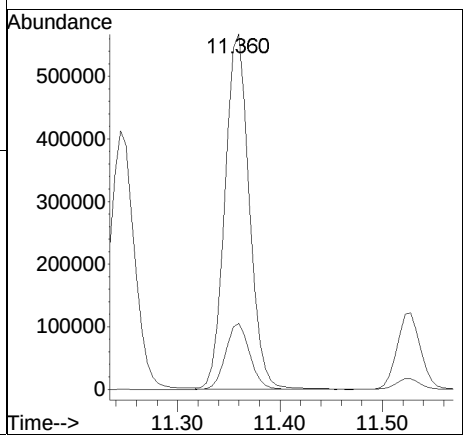


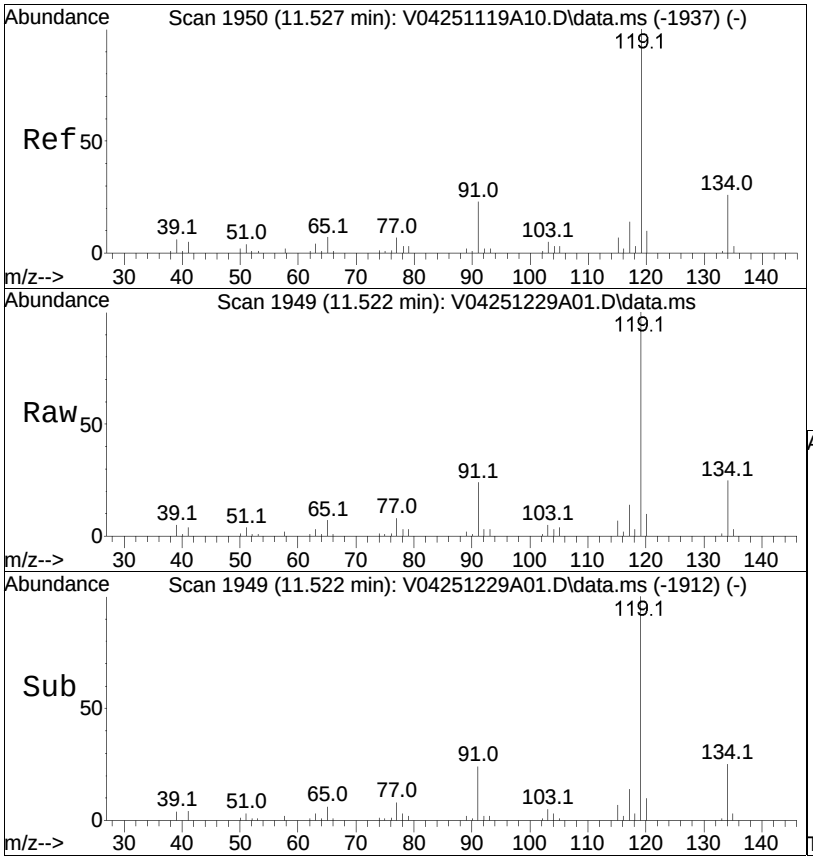


#98
sec-Butylbenzene
Concen: 48.96 ug/L
RT: 11.360 min Scan# 1918
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:105 Resp: 932344

Ion	Ratio	Lower	Upper
105	100		
134	18.5	12.9	26.9

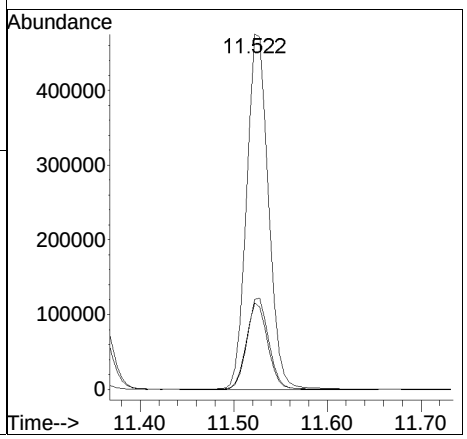


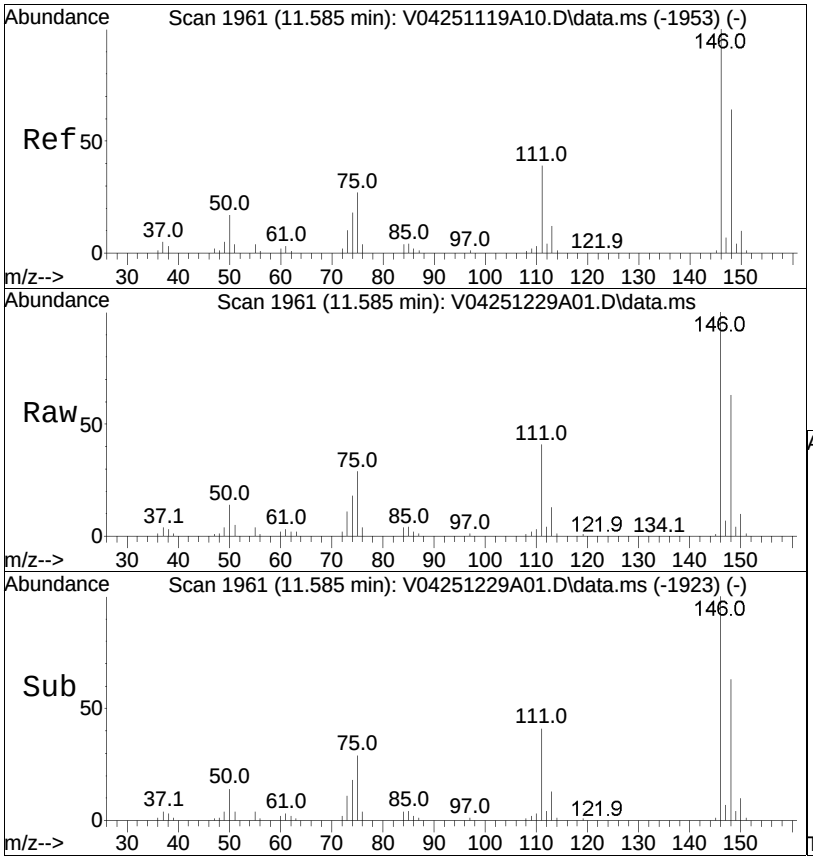


#99
p-Isopropyltoluene
Concen: 46.99 ug/L
RT: 11.522 min Scan# 1949
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:119 Resp: 773654

Ion	Ratio	Lower	Upper
119	100		
134	25.4	17.1	35.5
91	23.7	14.8	30.6

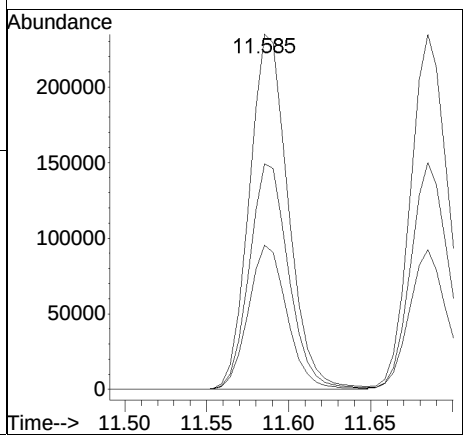


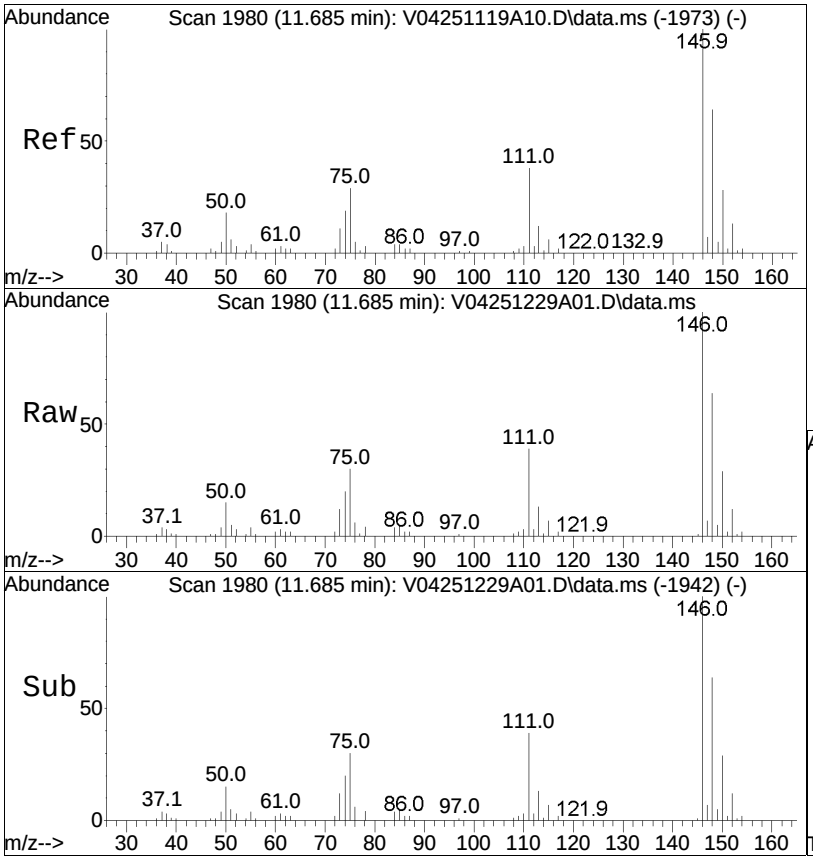


#100
1,3-Dichlorobenzene
Concen: 43.48 ug/L
RT: 11.585 min Scan# 1961
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:146 Resp: 388520

Ion	Ratio	Lower	Upper
146	100		
111	40.3	24.8	51.6
148	63.9	41.6	86.4

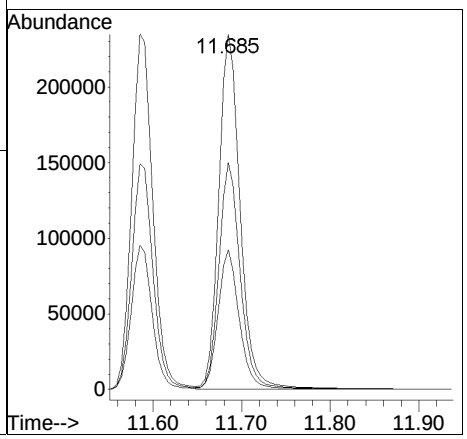


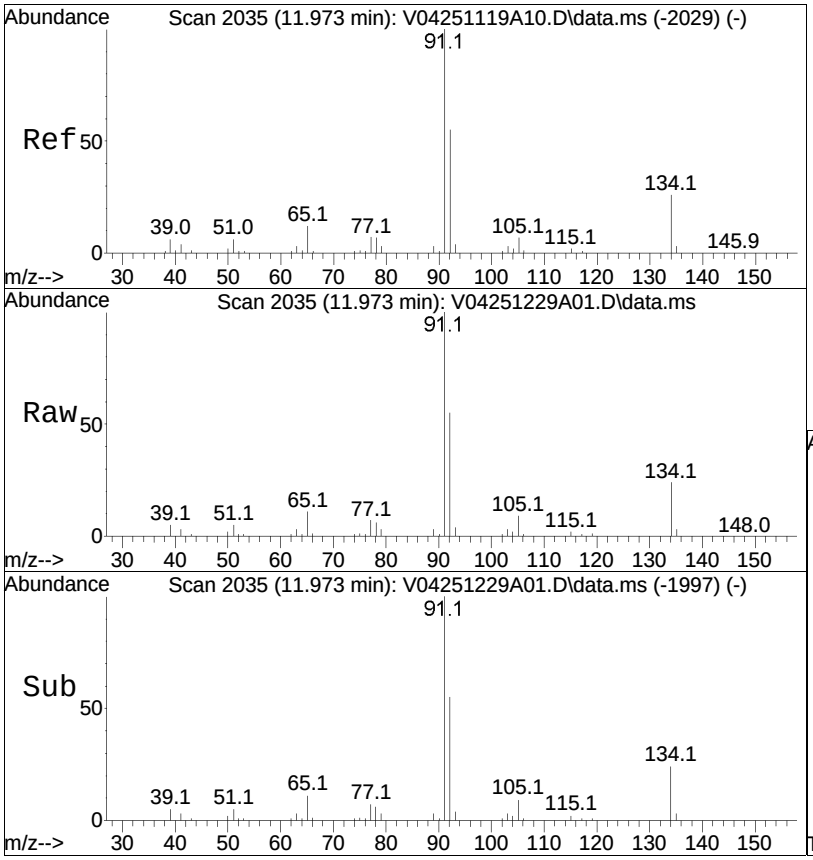


#101
1,4-Dichlorobenzene
Concen: 42.34 ug/L
RT: 11.685 min Scan# 1980
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:146 Resp: 393343

Ion	Ratio	Lower	Upper
146	100		
111	38.9	30.2	45.2
148	63.7	50.6	76.0

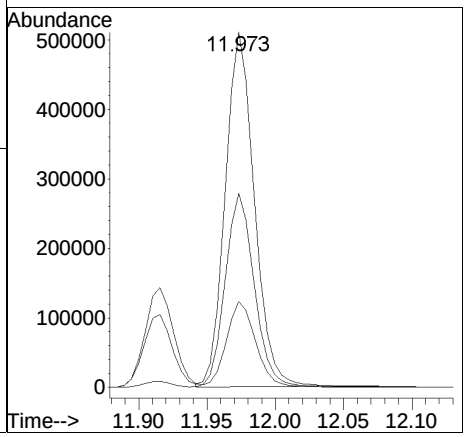


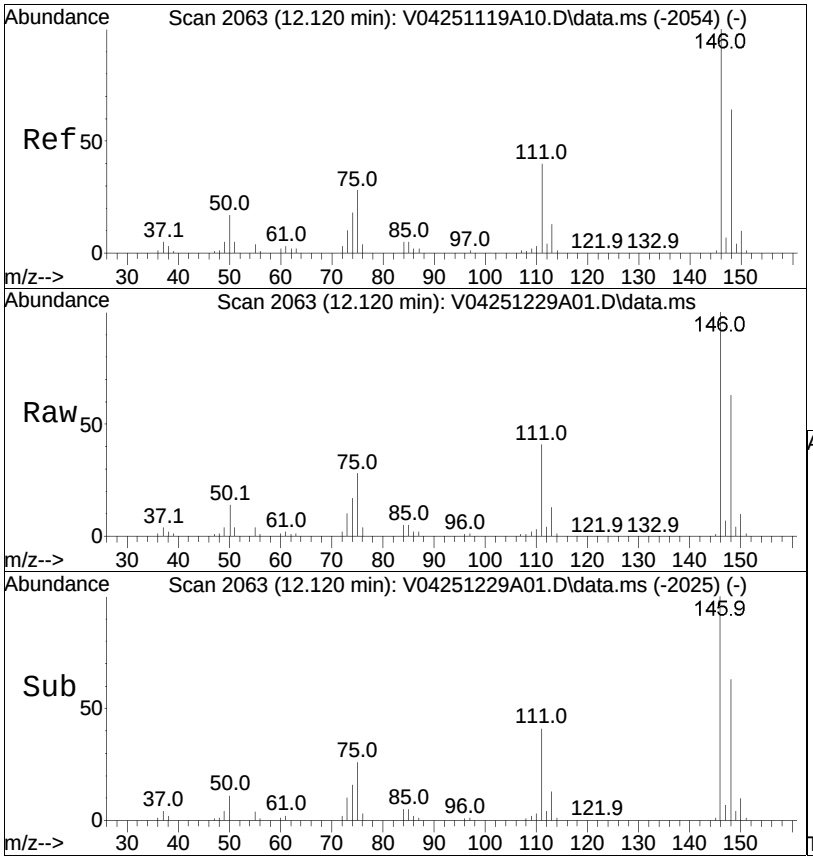


#103
n-Butylbenzene
Concen: 51.52 ug/L
RT: 11.973 min Scan# 2035
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion: 91 Resp: 756733

Ion	Ratio	Lower	Upper
91	100		
92	55.1	43.4	65.2
134	24.3	21.5	32.3

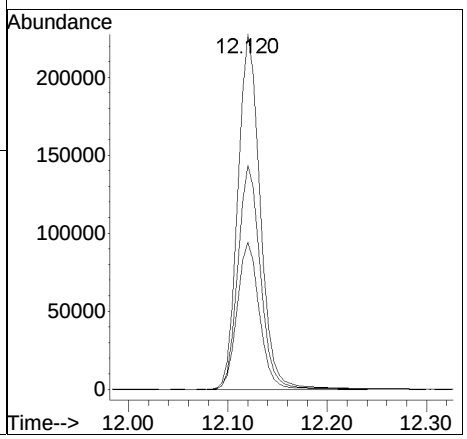


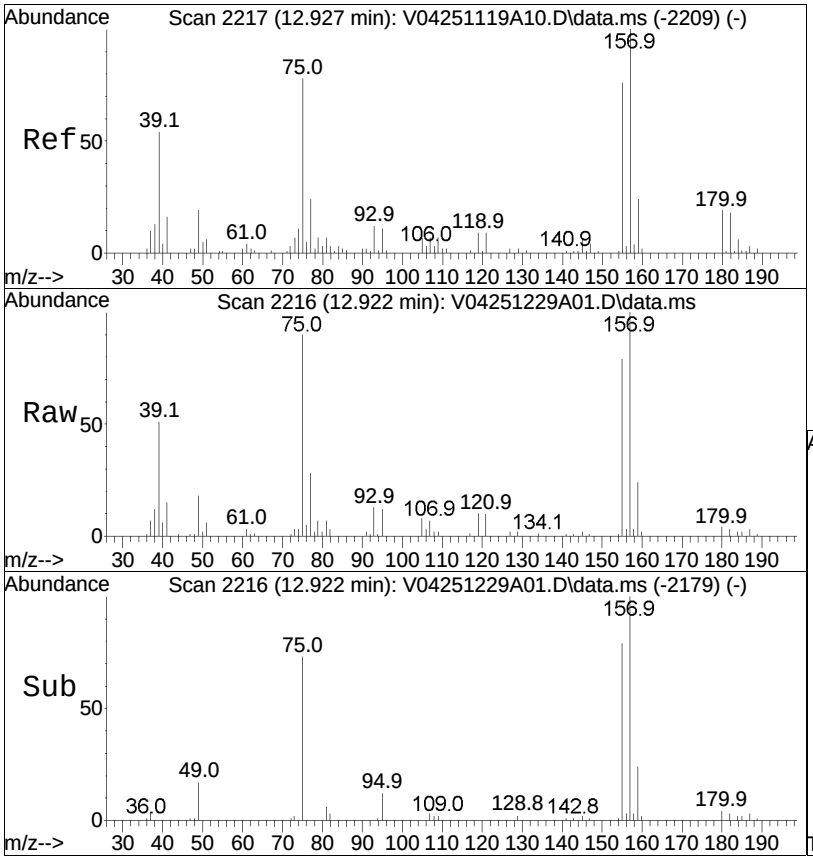


#104
1,2-Dichlorobenzene
Concen: 41.64 ug/L
RT: 12.120 min Scan# 2063
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:146 Resp: 357335

Ion	Ratio	Lower	Upper
146	100		
111	41.5	25.5	52.9
148	63.8	40.8	84.8

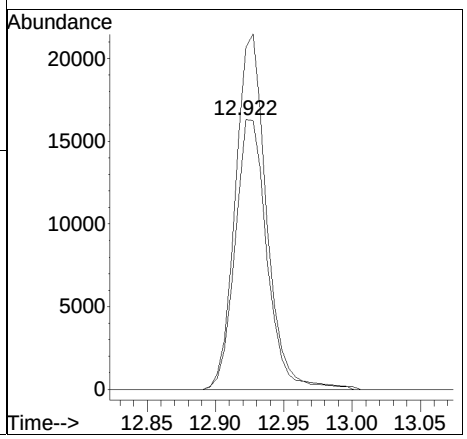


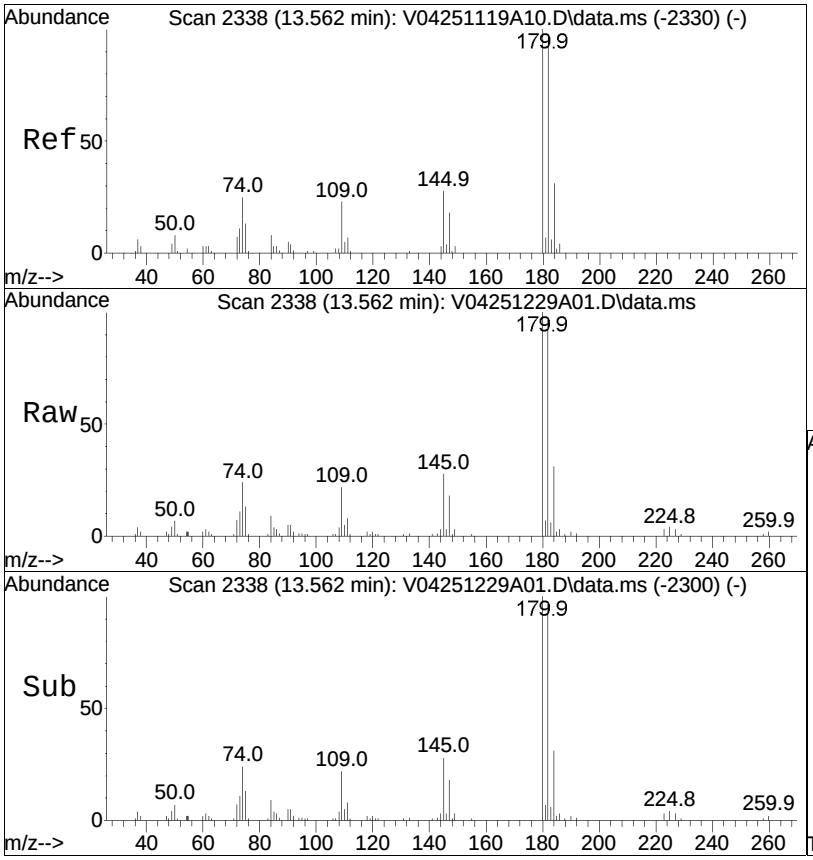


#106
1,2-Dibromo-3-chloropropane
Concen: 38.49 ug/L
RT: 12.922 min Scan# 2216
Delta R.T. -0.005 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:155 Resp: 26483

Ion	Ratio	Lower	Upper
155	100		
157	128.2	103.2	154.8

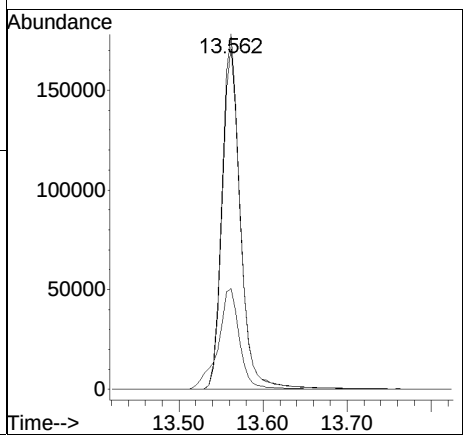


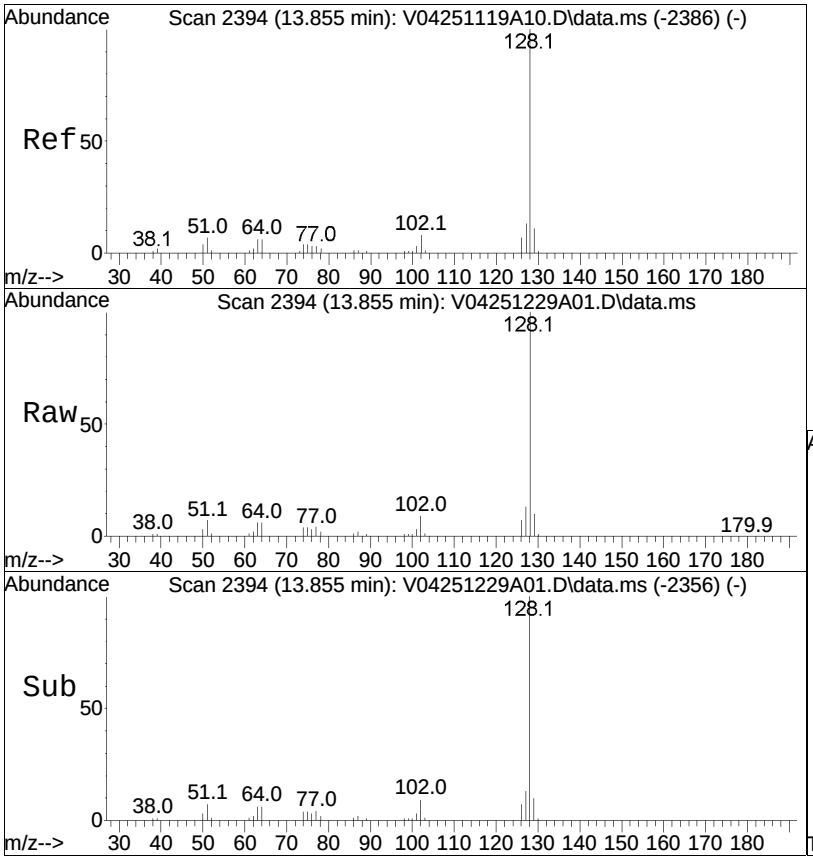


#109
1,2,4-Trichlorobenzene
Concen: 47.81 ug/L
RT: 13.562 min Scan# 2338
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:180 Resp: 270475

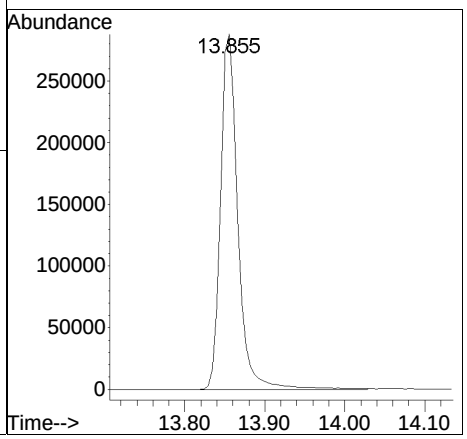
Ion	Ratio	Lower	Upper
180	100		
182	95.9	77.0	115.4
145	33.5	28.4	42.6





#110
Naphthalene
Concen: 42.49 ug/L
RT: 13.855 min Scan# 2394
Delta R.T. 0.000 min
Lab File: V04251229A01.D
Acq: 29 Dec 2025 5:17 am

Tgt Ion:128 Resp: 434408



Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A01.D
Acq On : 31 Dec 2025 06:52 am
Operator : VOA123:MJV
Sample : WG2160756-3,31H,15,15,0.100
Misc : WG2160756,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 31 07:43:16 2025
Quant Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251231A\V23251231A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.520	96	133028	20.000	ug/L	0.00
Standard Area 1 = 133028			Recovery = 100.00%			
59) Chlorobenzene-d5	8.990	117	99393	20.000	ug/L	0.00
Standard Area 1 = 99393			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	11.803	152	56524	20.000	ug/L	0.00
Standard Area 1 = 56524			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.734	113	35496	21.183	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.92%			
43) 1,2-Dichloroethane-d4	5.239	65	37567	21.903	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 109.51%			
60) Toluene-d8	7.174	98	129199	19.221	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.10%			
83) 4-Bromofluorobenzene	10.537	95	47241	18.694	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.47%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.468	85	52764M1	36.011	ug/L	
3) Chloromethane	1.666	50	66171M1	41.522	ug/L	
4) Vinyl chloride	1.694	62	53423M1	30.883	ug/L	
5) Bromomethane	1.962	94	41448	37.460	ug/L	88
6) Chloroethane	2.074	64	32669	27.249	ug/L	91
7) Trichlorofluoromethane	2.194	101	98907M1	37.801	ug/L	
10) 1,1-Dichloroethene	2.631	96	56506	40.819	ug/L	82
11) Carbon disulfide	2.656	76	192072	37.661	ug/L	98
12) Freon-113	2.665	101	60839	43.317	ug/L	94
15) Methylene chloride	3.131	84	71344	39.701	ug/L	78
17) Acetone	3.172	43	25113	60.586	ug/L	91
18) trans-1,2-Dichloroethene	3.276	96	67785	41.886	ug/L	90
19) Methyl acetate	3.281	43	35935	51.889	ug/L #	88
20) Methyl tert-butyl ether	3.362	73	199939	43.325	ug/L	92
23) 1,1-Dichloroethane	3.819	63	133545	44.875	ug/L	98
28) cis-1,2-Dichloroethene	4.310	96	74841	40.351	ug/L	88
31) Cyclohexane	4.500	56	116329	46.900	ug/L	84
32) Chloroform	4.564	83	134673	37.000	ug/L	97
34) Carbon tetrachloride	4.692	117	108618	46.062	ug/L	99
37) 1,1,1-Trichloroethane	4.756	97	120798	48.003	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A01.D
Acq On : 31 Dec 2025 06:52 am
Operator : VOA123:MJV
Sample : WG2160756-3,31H,15,15,0.100
Misc : WG2160756,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 31 07:43:16 2025
Quant Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251231A\V23251231A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) 2-Butanone	4.848	43	20638	40.850	ug/L	#	57
41) Benzene	5.111	78	257571	41.535	ug/L	#	93
44) 1,2-Dichloroethane	5.306	62	104242	46.083	ug/L		98
47) Methyl cyclohexane	5.679	83	108944	40.671	ug/L	#	79
48) Trichloroethene	5.693	95	73450	43.149	ug/L		99
51) 1,2-Dichloropropane	6.212	63	72850	42.675	ug/L		98
54) Bromodichloromethane	6.290	83	104485	43.593	ug/L		99
58) cis-1,3-Dichloropropene	6.971	75	112042	42.490	ug/L	#	89
61) Toluene	7.227	92	166380	39.377	ug/L		99
62) 4-Methyl-2-pentanone	7.665	58	19061	42.371	ug/L		84
63) Tetrachloroethene	7.671	166	81695	44.948	ug/L		98
65) trans-1,3-Dichloropropene	7.707	75	100725	42.322	ug/L		99
68) 1,1,2-Trichloroethane	7.888	83	47451	39.101	ug/L		99
69) Chlorodibromomethane	8.094	129	76314	43.775	ug/L		99
71) 1,2-Dibromoethane	8.357	107	55888	41.490	ug/L		99
72) 2-Hexanone	8.669	43	28810M1	35.678	ug/L		
73) Chlorobenzene	9.009	112	191100	39.577	ug/L		88
74) Ethylbenzene	9.054	91	329098	39.346	ug/L		98
76) p/m Xylene	9.241	106	249299	79.717	ug/L		95
77) o Xylene	9.782	106	244211	77.376	ug/L		96
78) Styrene	9.854	104	403067	75.790	ug/L		96
80) Bromoform	9.868	173	48968	39.911	ug/L		99
82) Isopropylbenzene	10.194	105	327537	38.656	ug/L		98
85) n-Propylbenzene	10.707	91	377329	37.409	ug/L		100
87) 1,1,2,2-Tetrachloroethane	10.802	83	67316	36.102	ug/L		100
90) 1,3,5-Trimethylbenzene	10.947	105	282000	37.873	ug/L		97
94) tert-Butylbenzene	11.301	119	238304	38.225	ug/L		97
97) 1,2,4-Trimethylbenzene	11.382	105	281930	38.095	ug/L		98
98) sec-Butylbenzene	11.499	105	350854	37.620	ug/L		100
99) p-Isopropyltoluene	11.661	119	311931	38.619	ug/L		98
100) 1,3-Dichlorobenzene	11.722	146	166846	38.636	ug/L		99
101) 1,4-Dichlorobenzene	11.817	146	167578	37.876	ug/L		99
103) n-Butylbenzene	12.107	91	286866	39.591	ug/L		99
104) 1,2-Dichlorobenzene	12.247	146	156965	38.777	ug/L		99
106) 1,2-Dibromo-3-chloropr...	13.047	155	11130	39.014	ug/L		98
109) 1,2,4-Trichlorobenzene	13.688	180	124955	42.835	ug/L		99
110) Naphthalene	13.979	128	213444	38.179	ug/L		100

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A01.D
Acq On : 31 Dec 2025 06:52 am
Operator : VOA123:MJV
Sample : WG2160756-3,31H,15,15,0.100
Misc : WG2160756,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 31 07:43:16 2025
Quant Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251231A\V23251231A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

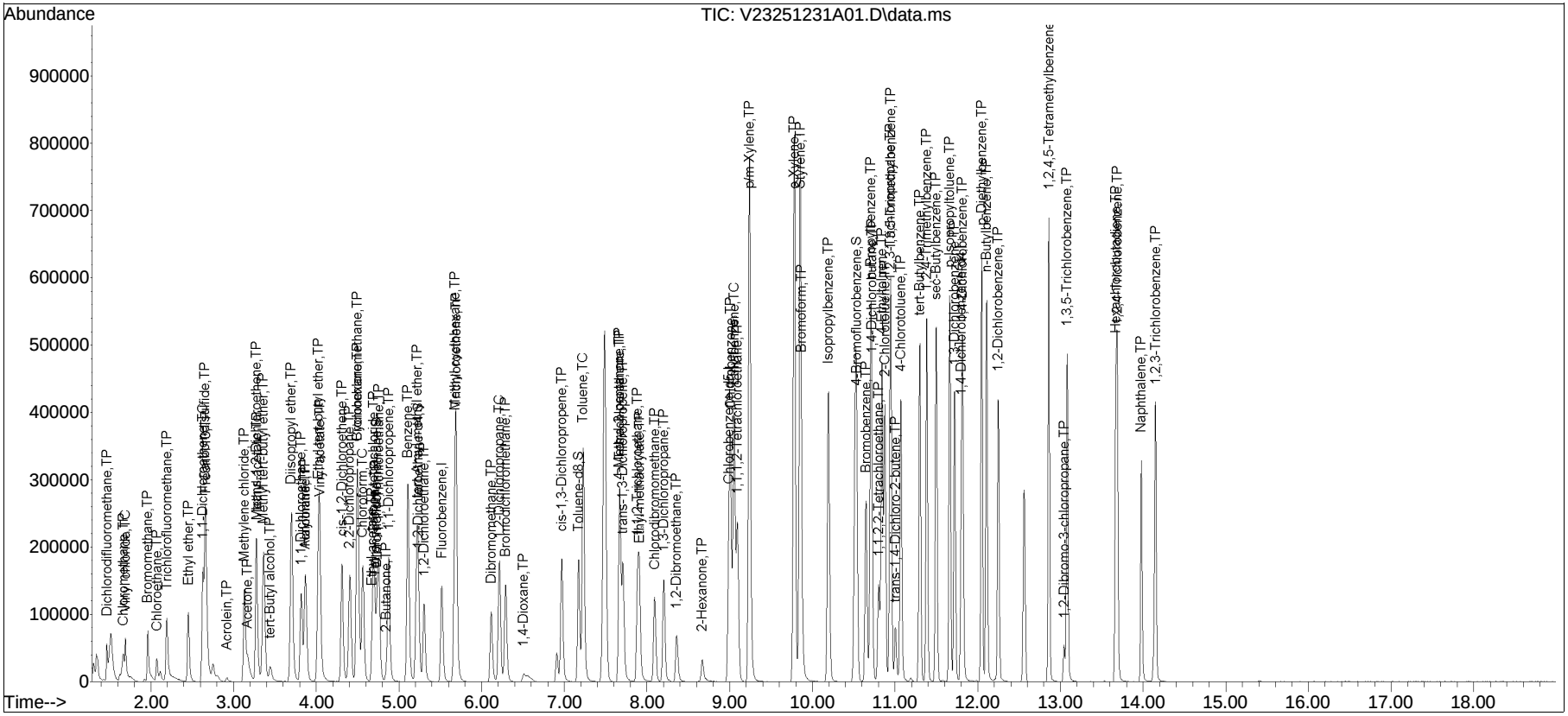
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

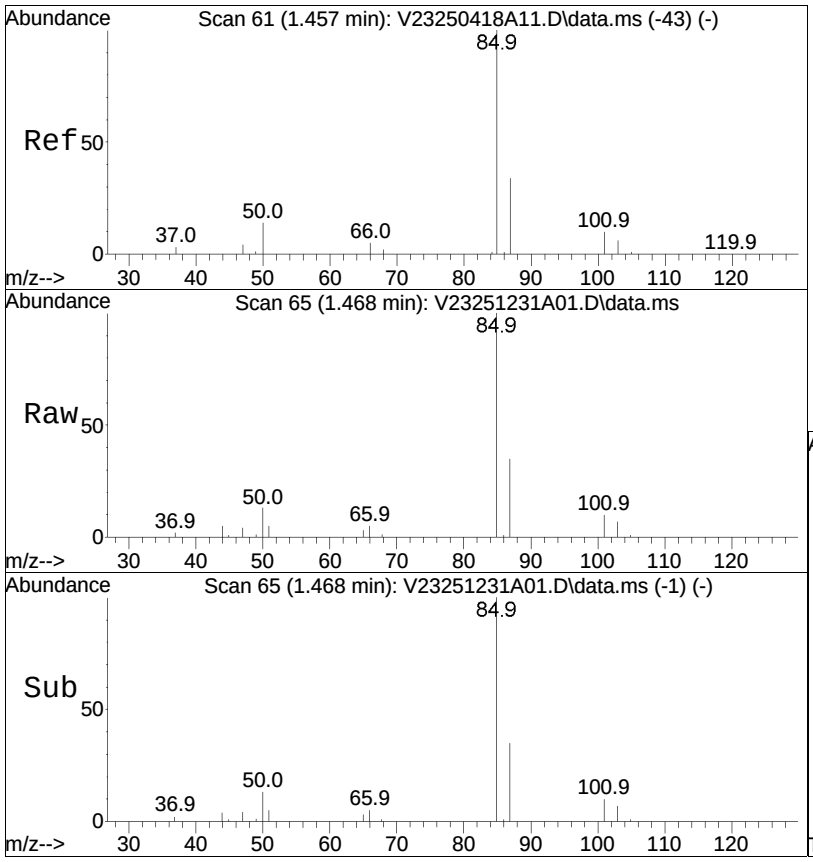
Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A01.D
Acq On : 31 Dec 2025 06:52 am
Operator : VOA123:MJV
Sample : WG2160756-3,31H,15,15,0.100
Misc : WG2160756,ICAL22792
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 31 07:43:16 2025
Quant Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

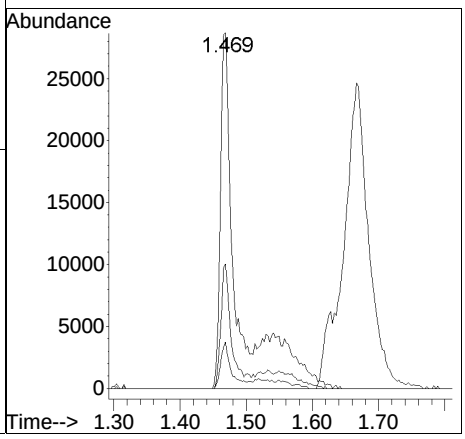


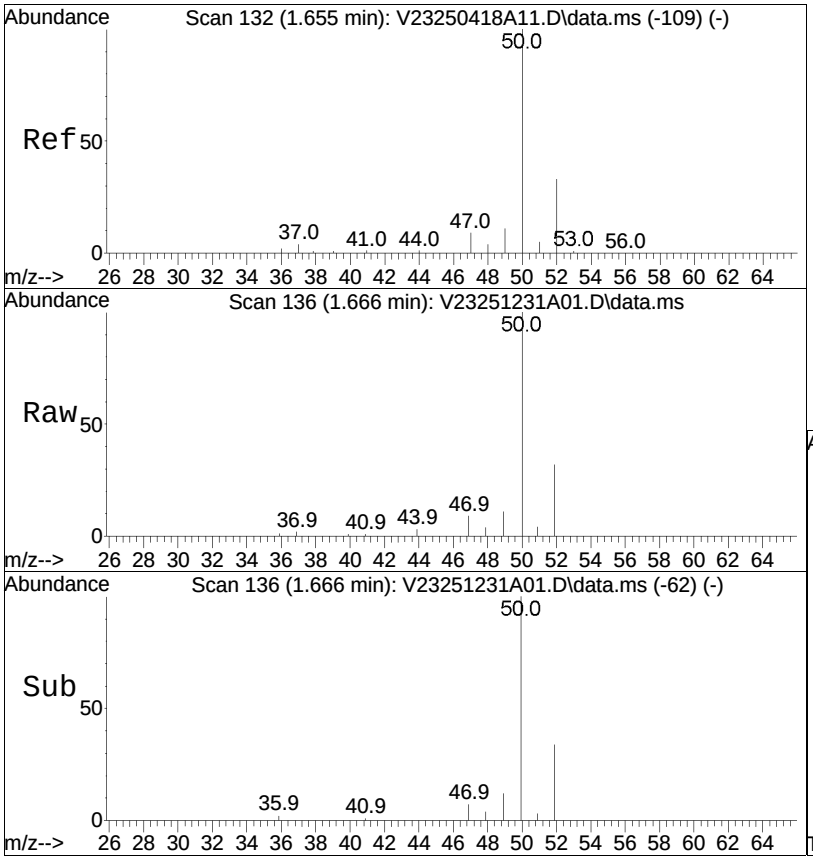


#2
Dichlorodifluoromethane
Concen: 36.01 ug/L M1
RT: 1.468 min Scan# 65
Delta R.T. 0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 85 Resp: 52764

Ion	Ratio	Lower	Upper
85	100		
87	20.2	21.1	43.7#
50	7.8	7.3	15.3

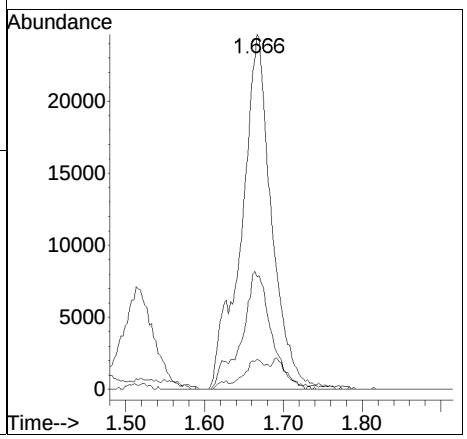


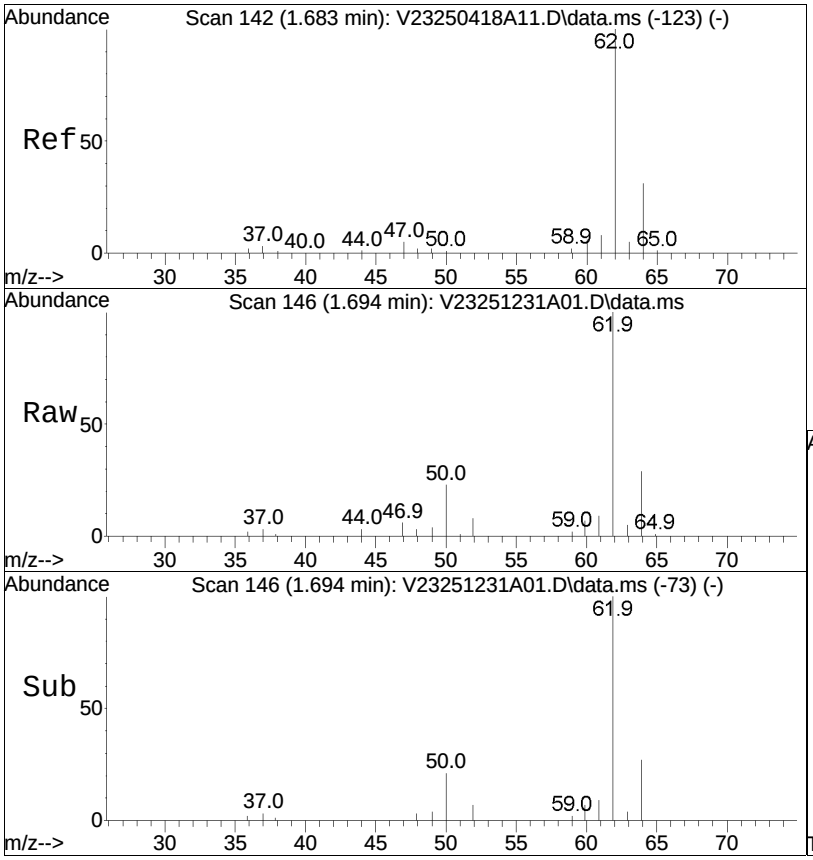


#3
Chloromethane
Concen: 41.52 ug/L M1
RT: 1.666 min Scan# 136
Delta R.T. 0.006 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 50 Resp: 66171

Ion	Ratio	Lower	Upper
50	100		
52	28.4	12.7	52.7
47	6.0	0.0	28.1

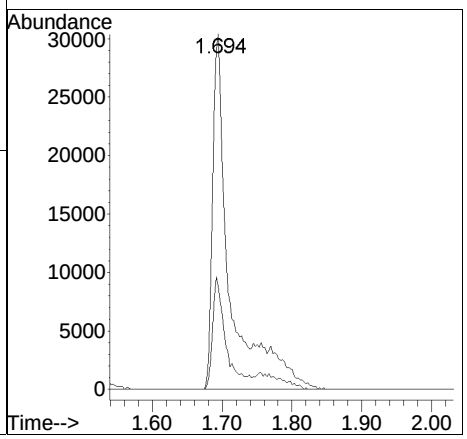


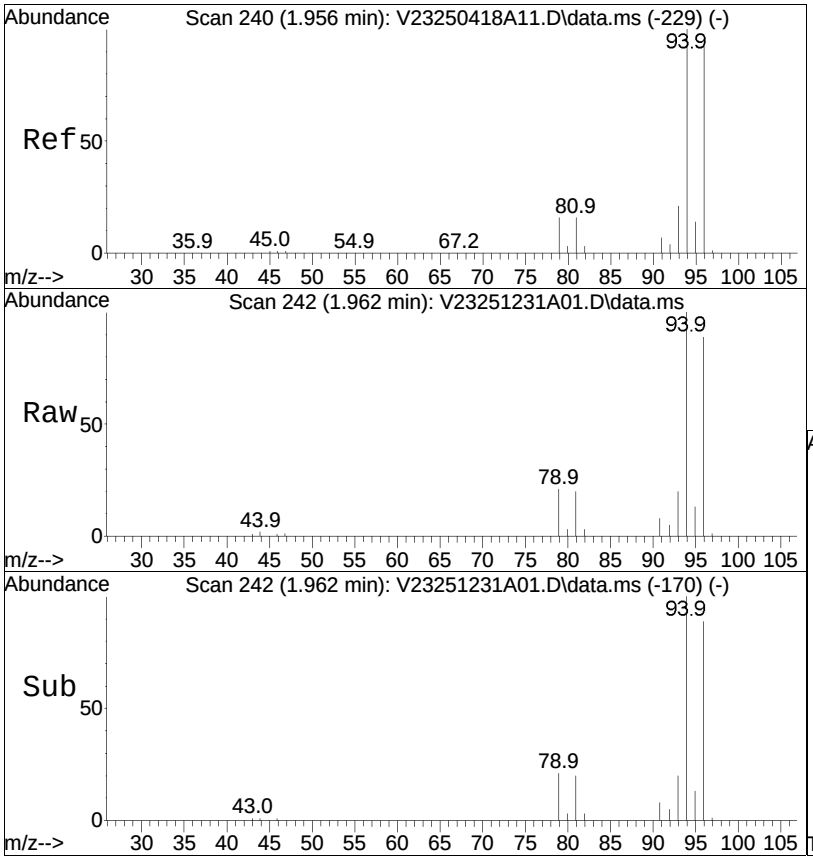


#4
Vinyl chloride
Concen: 30.88 ug/L M1
RT: 1.694 min Scan# 146
Delta R.T. 0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 62 Resp: 53423

Ion	Ratio	Lower	Upper
62	100		
64	24.3	12.0	52.0

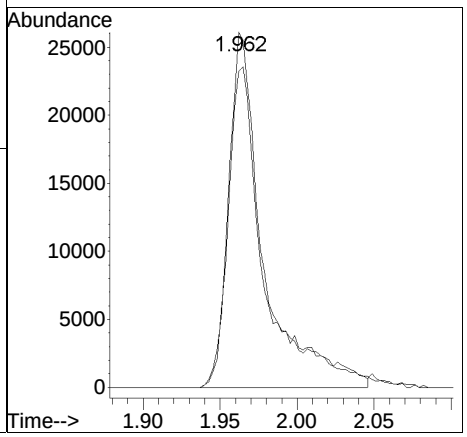


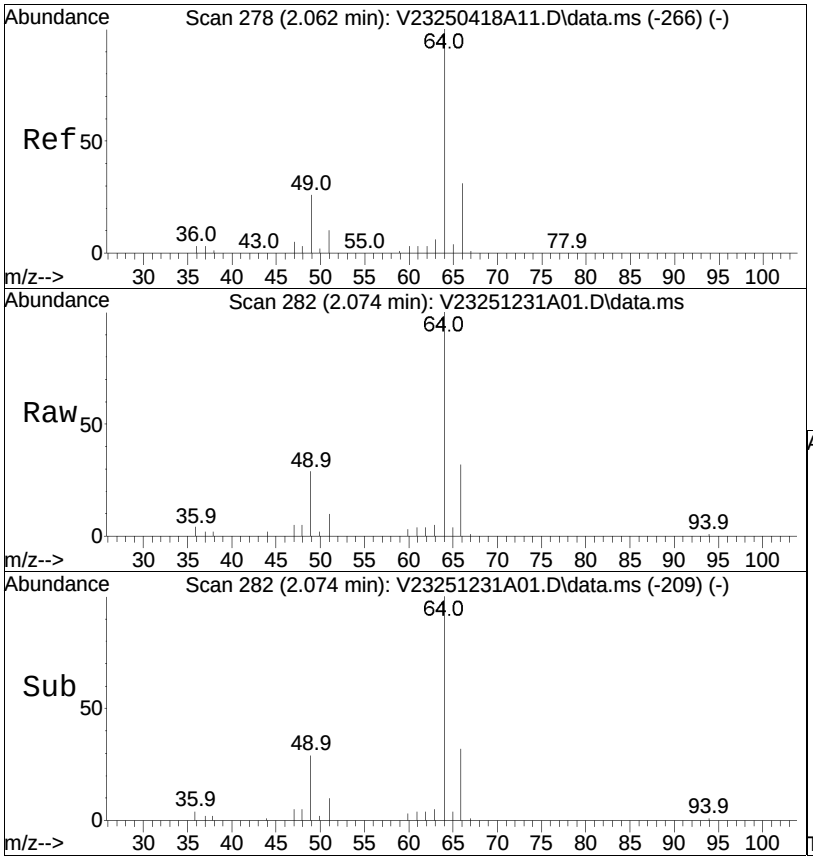


#5
Bromomethane
Concen: 37.46 ug/L
RT: 1.962 min Scan# 242
Delta R.T. 0.000 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 94 Resp: 41448

Ion	Ratio	Lower	Upper
94	100		
96	82.8	74.6	114.6

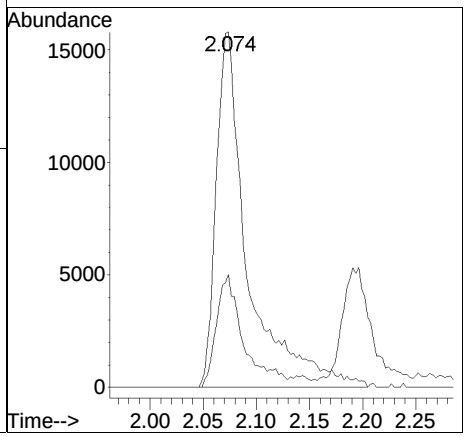


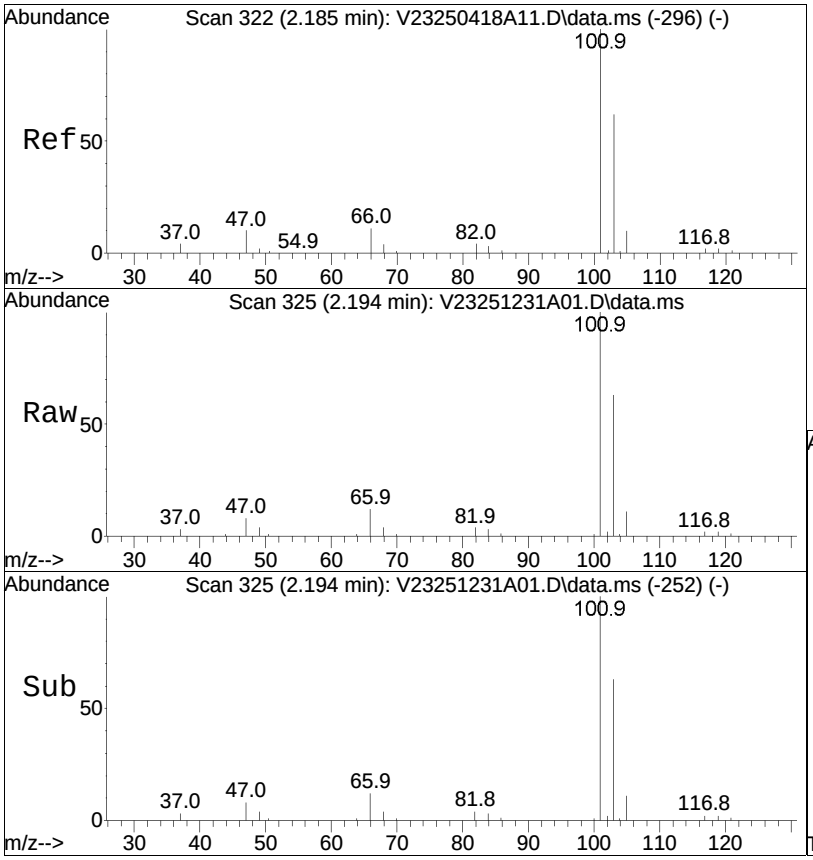


#6
Chloroethane
Concen: 27.25 ug/L
RT: 2.074 min Scan# 282
Delta R.T. 0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 64 Resp: 32669

Ion	Ratio	Lower	Upper
64	100		
66	27.5	12.6	52.6

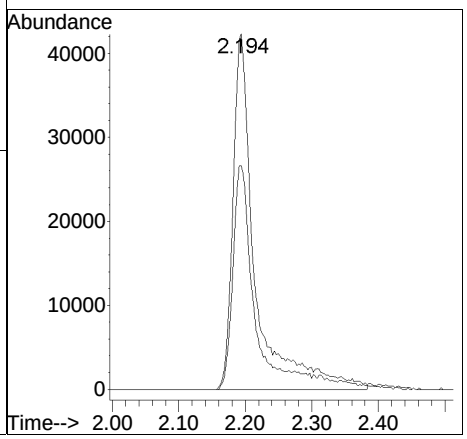


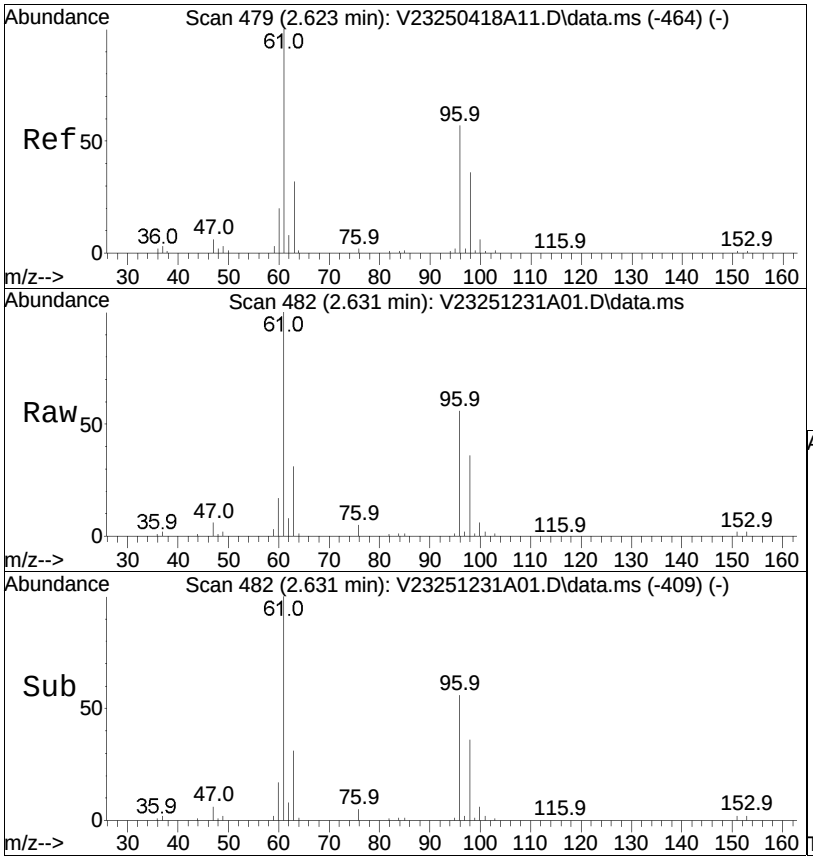


#7
Trichlorofluoromethane
Concen: 37.80 ug/L M1
RT: 2.194 min Scan# 325
Delta R.T. 0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion:101 Resp: 98907

Ion	Ratio	Lower	Upper
101	100		
103	55.1	51.4	77.2

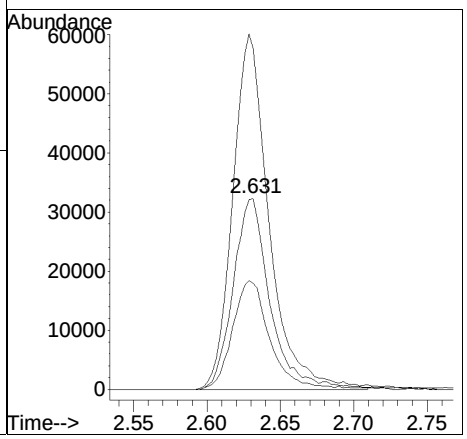


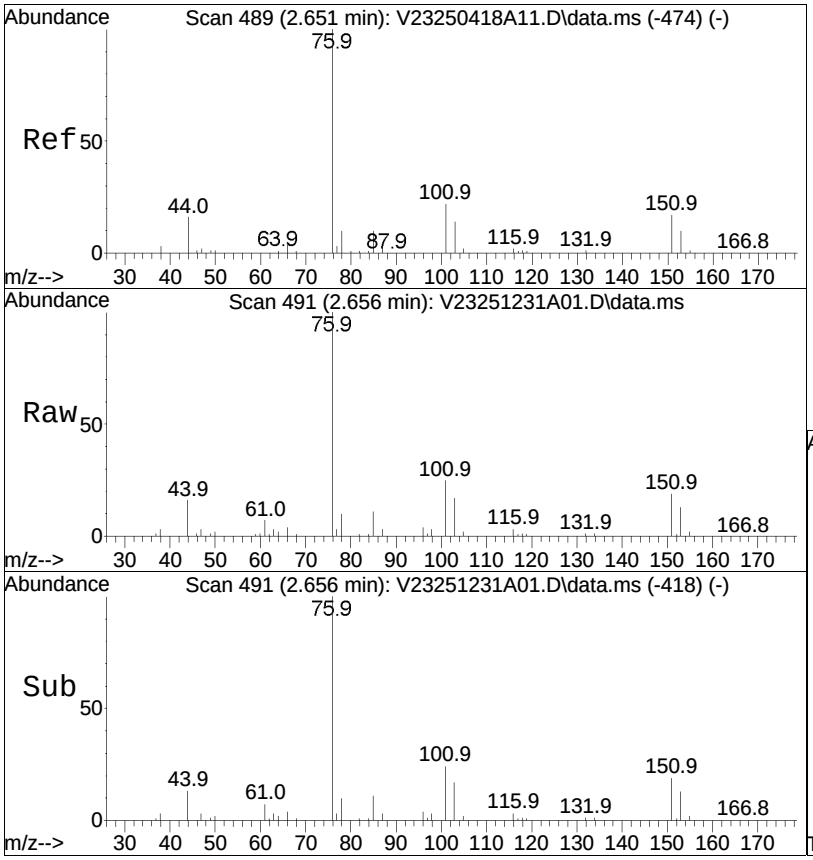


#10
1,1-Dichloroethene
Concen: 40.82 ug/L
RT: 2.631 min Scan# 482
Delta R.T. 0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 96 Resp: 56506

Ion	Ratio	Lower	Upper
96	100		
61	183.0	124.5	186.7
63	57.1	40.7	61.1

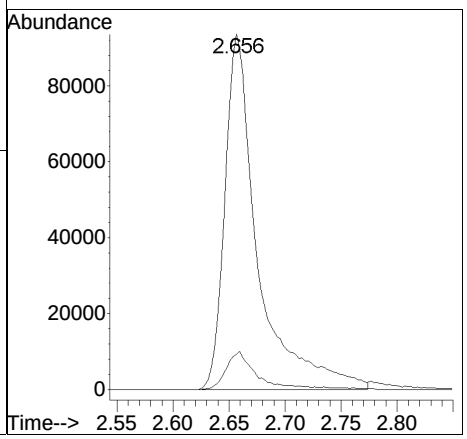


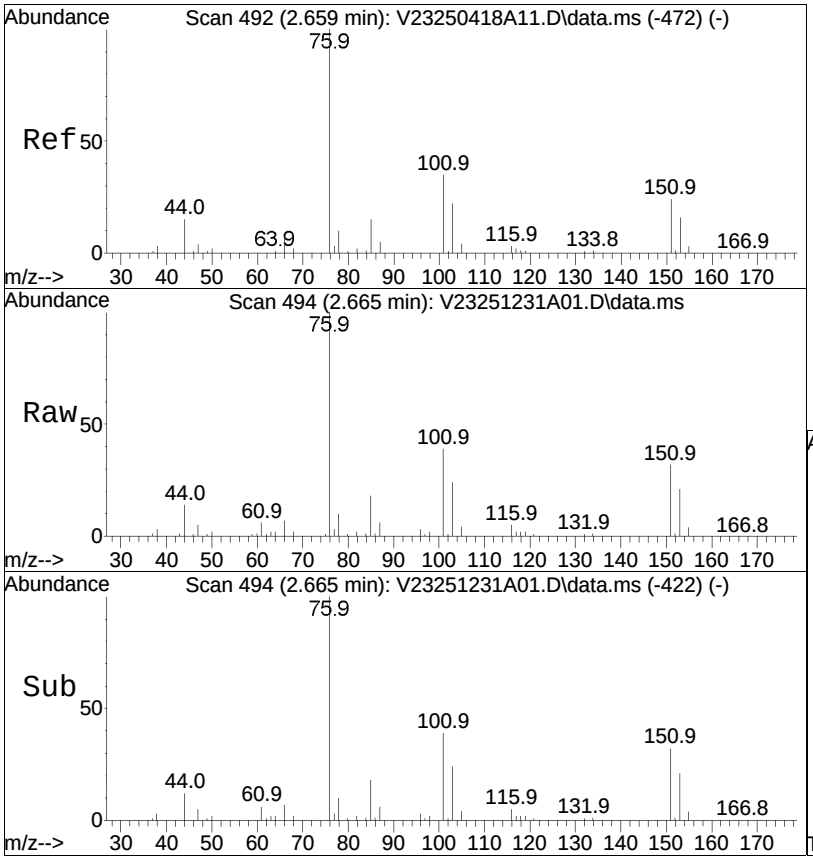


#11
Carbon disulfide
Concen: 37.66 ug/L
RT: 2.656 min Scan# 491
Delta R.T. 0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 76 Resp: 192072

Ion	Ratio	Lower	Upper
76	100		
78	9.5	6.7	13.9

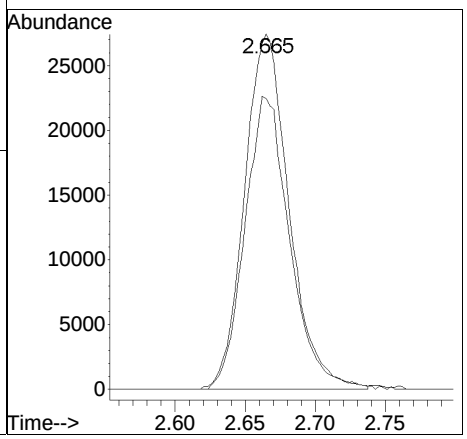


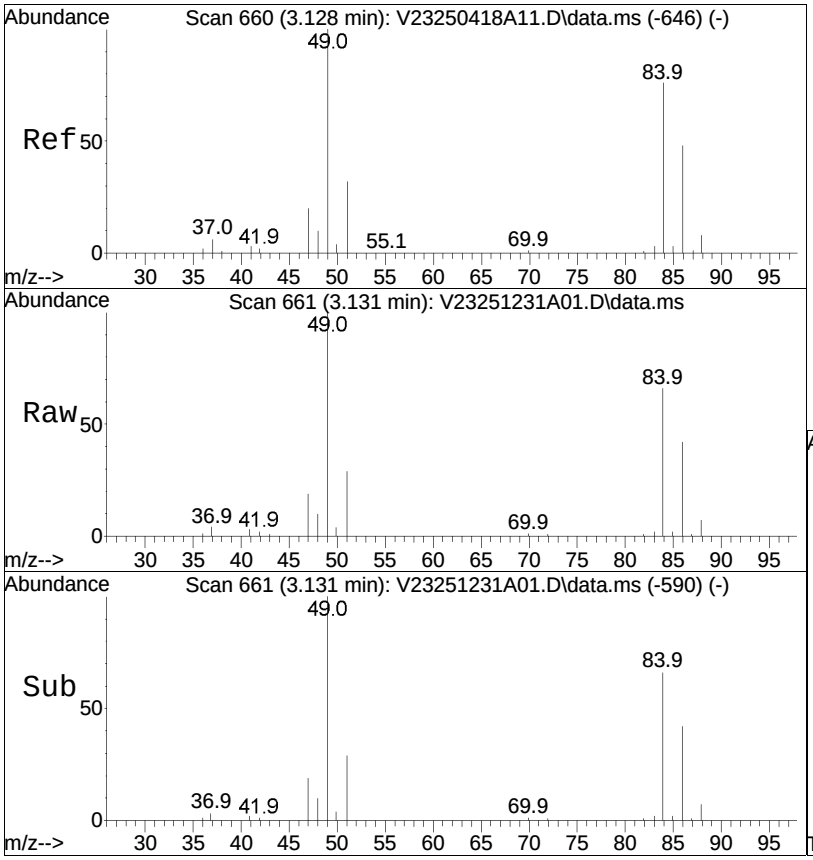


#12
Freon-113
Concen: 43.32 ug/L
RT: 2.665 min Scan# 494
Delta R.T. 0.000 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion:101 Resp: 60839

Ion	Ratio	Lower	Upper
101	100		
151	83.0	62.0	93.0

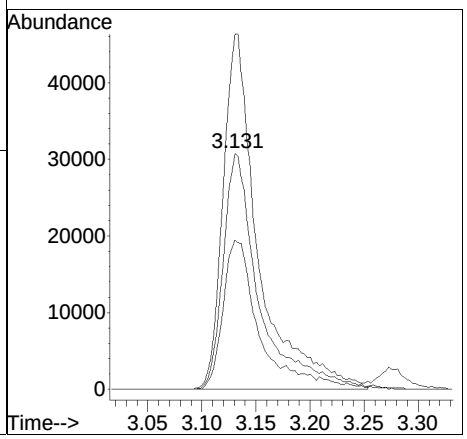


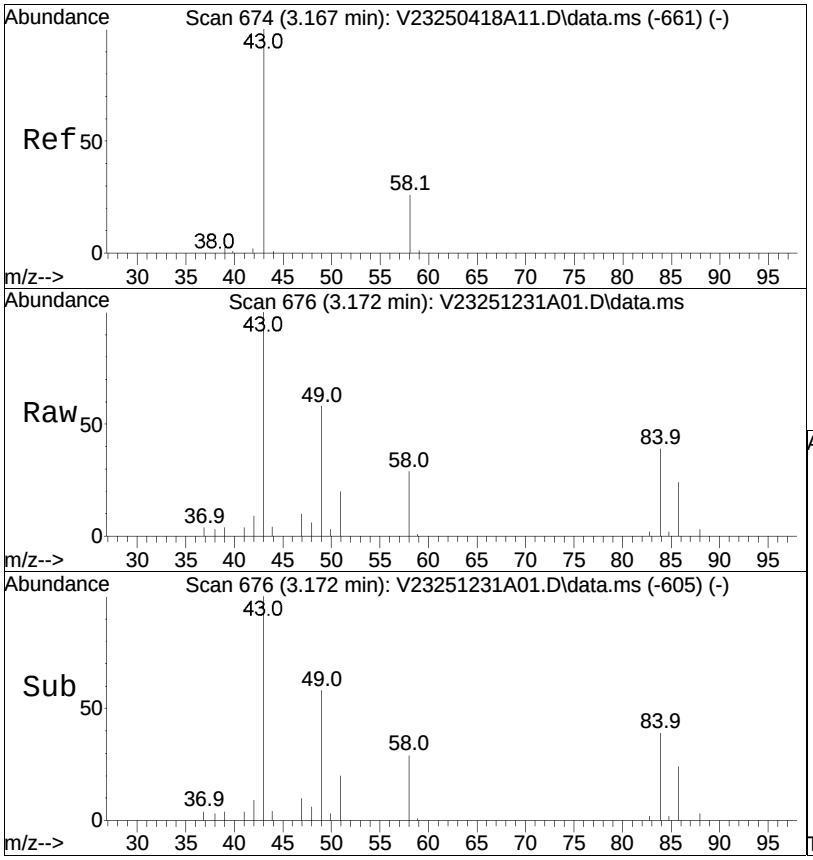


#15
Methylene chloride
Concen: 39.70 ug/L
RT: 3.131 min Scan# 661
Delta R.T. -0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 84 Resp: 71344

Ion	Ratio	Lower	Upper
84	100		
86	61.5	42.0	87.2
49	147.9	74.0	153.6

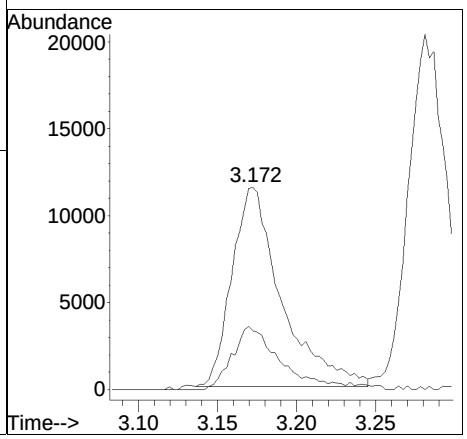


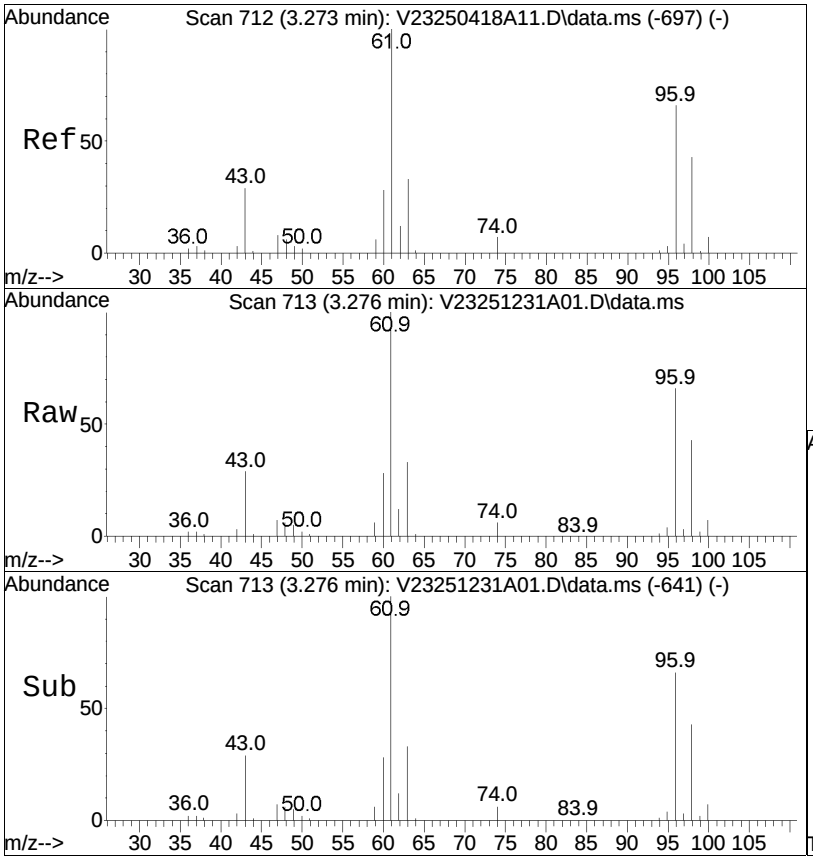


#17
Acetone
Concen: 60.59 ug/L
RT: 3.172 min Scan# 676
Delta R.T. 0.000 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 43 Resp: 25113

Ion	Ratio	Lower	Upper
43	100		
58	30.1	28.2	42.4

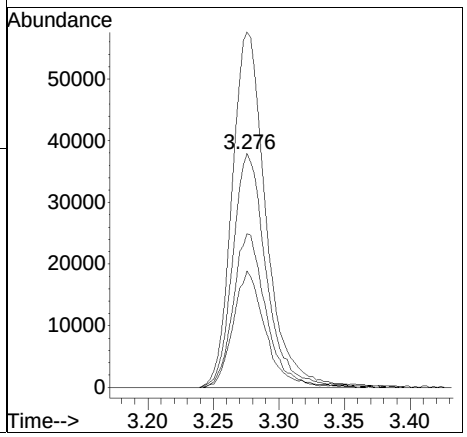


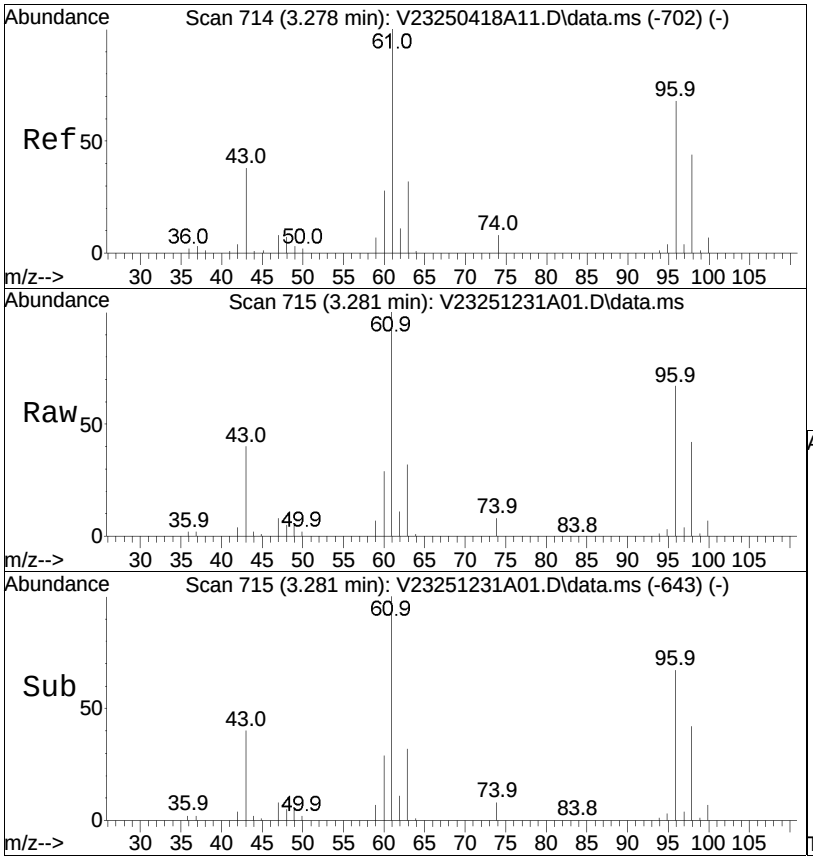


#18
trans-1,2-Dichloroethene
Concen: 41.89 ug/L
RT: 3.276 min Scan# 713
Delta R.T. 0.000 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 96 Resp: 67785

Ion	Ratio	Lower	Upper
96	100		
61	152.6	87.3	181.3
98	64.5	41.1	85.5
63	47.4	28.3	58.7

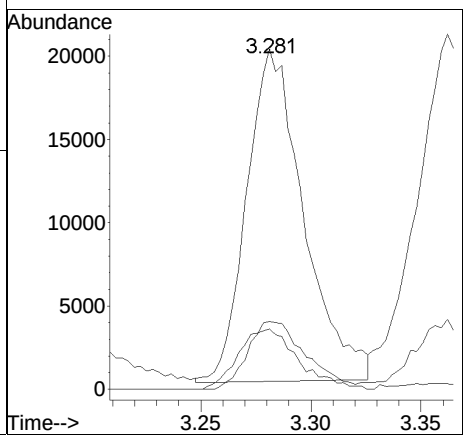


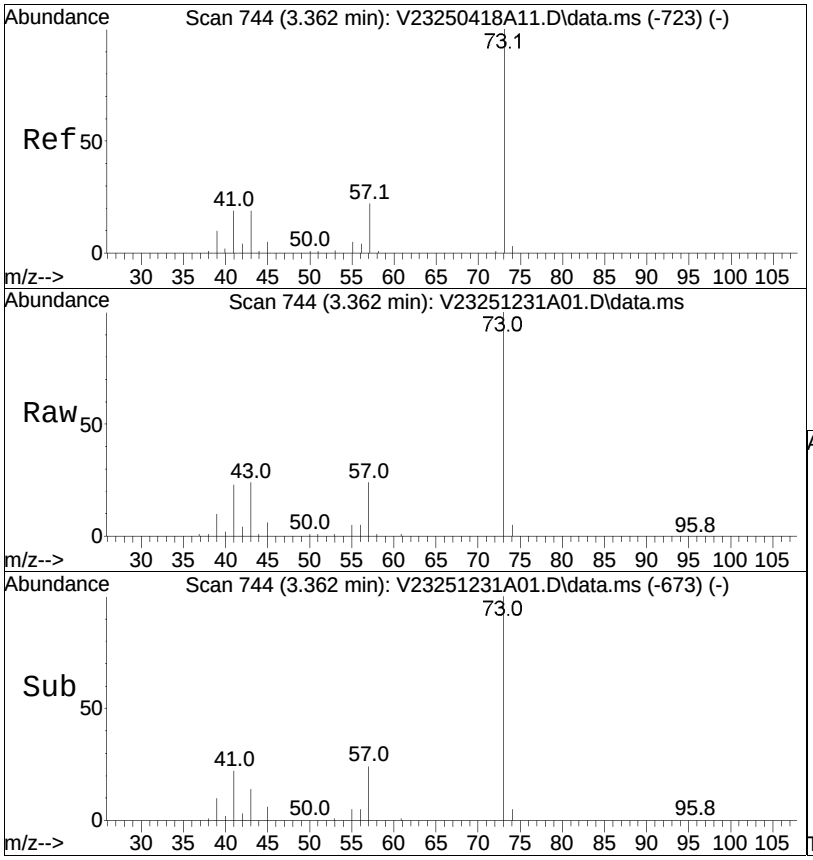


#19
Methyl acetate
Concen: 51.89 ug/L
RT: 3.281 min Scan# 715
Delta R.T. 0.000 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 43 Resp: 35935

Ion	Ratio	Lower	Upper
43	100		
74	20.8	22.2	33.4#
59	19.1	11.9	17.9#

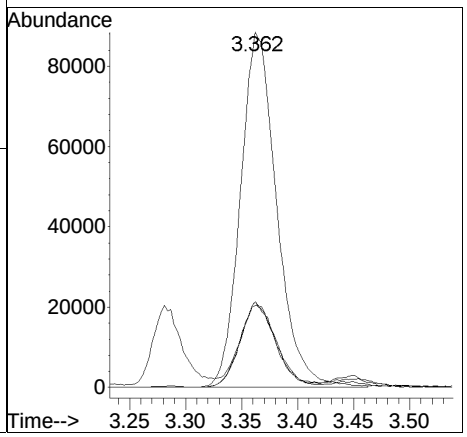


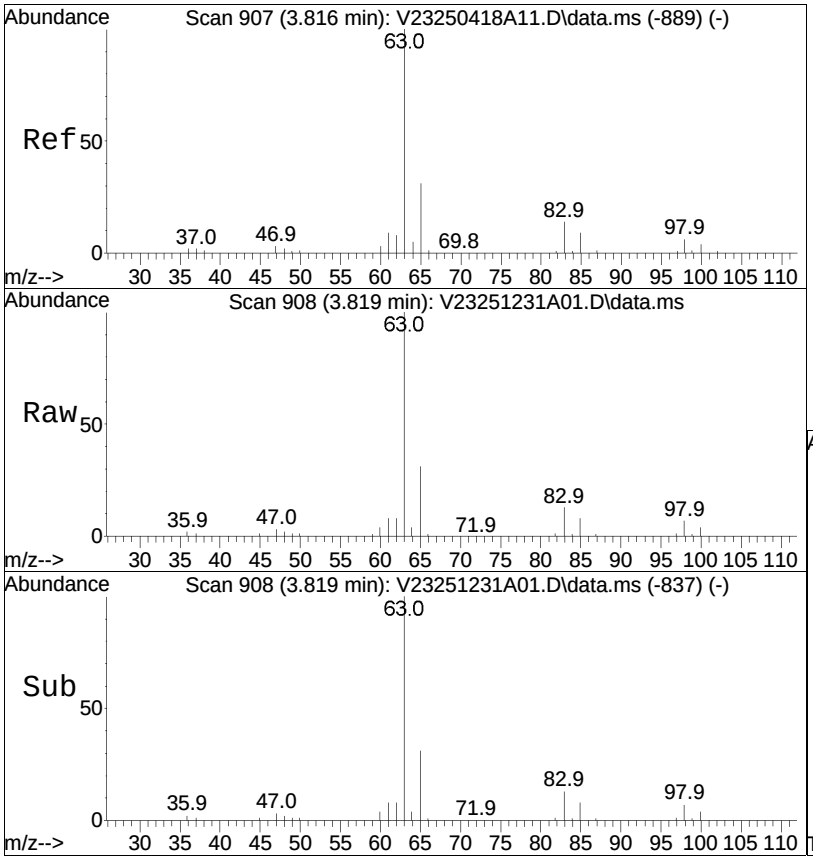


#20
Methyl tert-butyl ether
Concen: 43.33 ug/L
RT: 3.362 min Scan# 744
Delta R.T. -0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 73 Resp: 199939

Ion	Ratio	Lower	Upper
73	100		
57	23.6	14.2	29.4
43	22.9	12.4	25.7
41	23.4	11.6	24.0

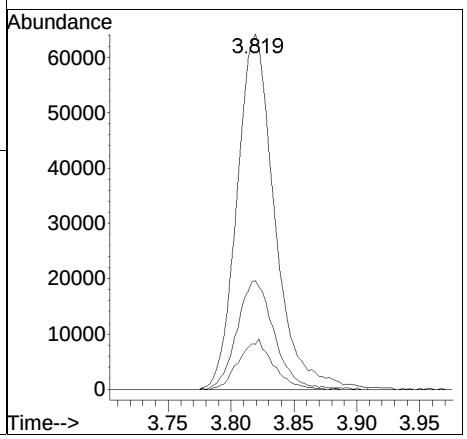


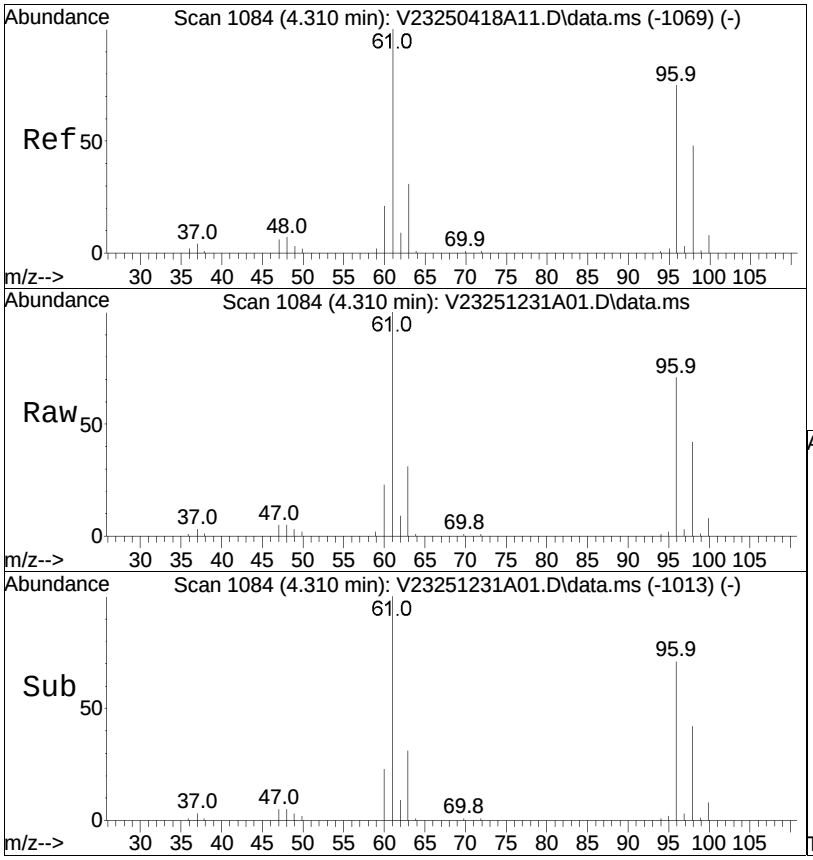


#23
1,1-Dichloroethane
Concen: 44.87 ug/L
RT: 3.819 min Scan# 908
Delta R.T. -0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 63 Resp: 133545

Ion	Ratio	Lower	Upper
63	100		
65	30.1	11.1	51.1
83	12.9	0.0	33.3

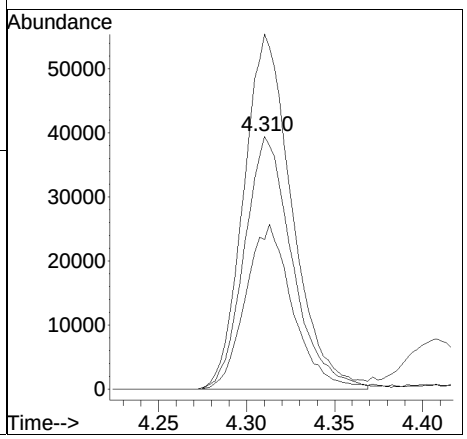


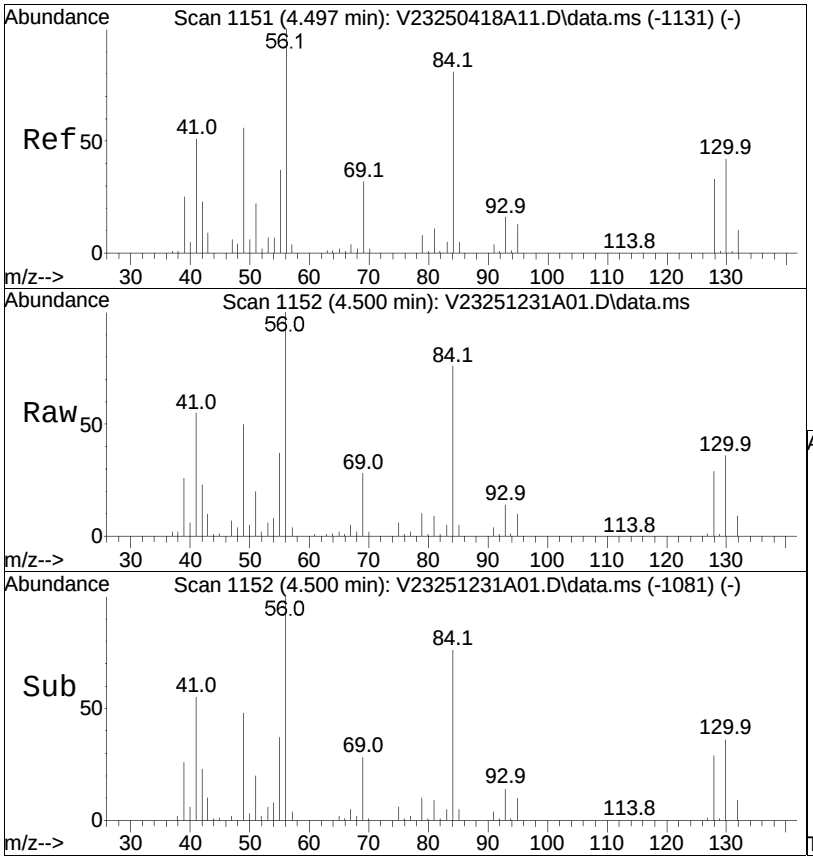


#28
cis-1,2-Dichloroethene
Concen: 40.35 ug/L
RT: 4.310 min Scan# 1084
Delta R.T. -0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 96 Resp: 74841

Ion	Ratio	Lower	Upper
96	100		
61	141.9	98.2	147.2
98	65.1	51.0	76.6

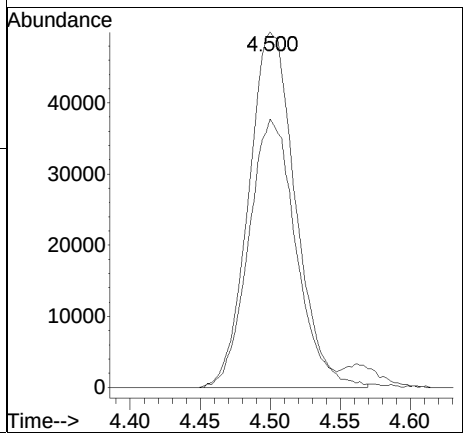


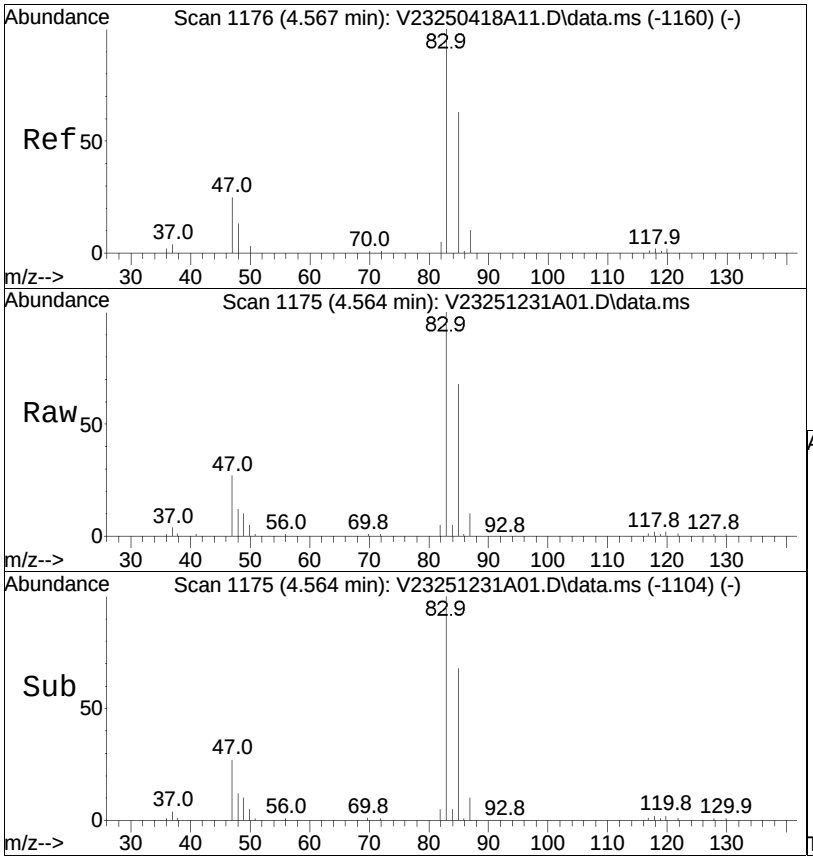


#31
Cyclohexane
Concen: 46.90 ug/L
RT: 4.500 min Scan# 1152
Delta R.T. -0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 56 Resp: 116329

Ion	Ratio	Lower	Upper
56	100		
84	75.7	58.9	122.3

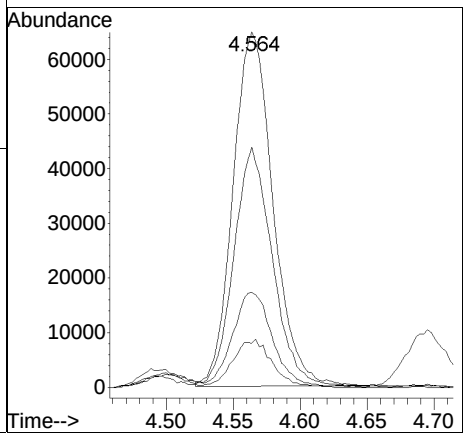


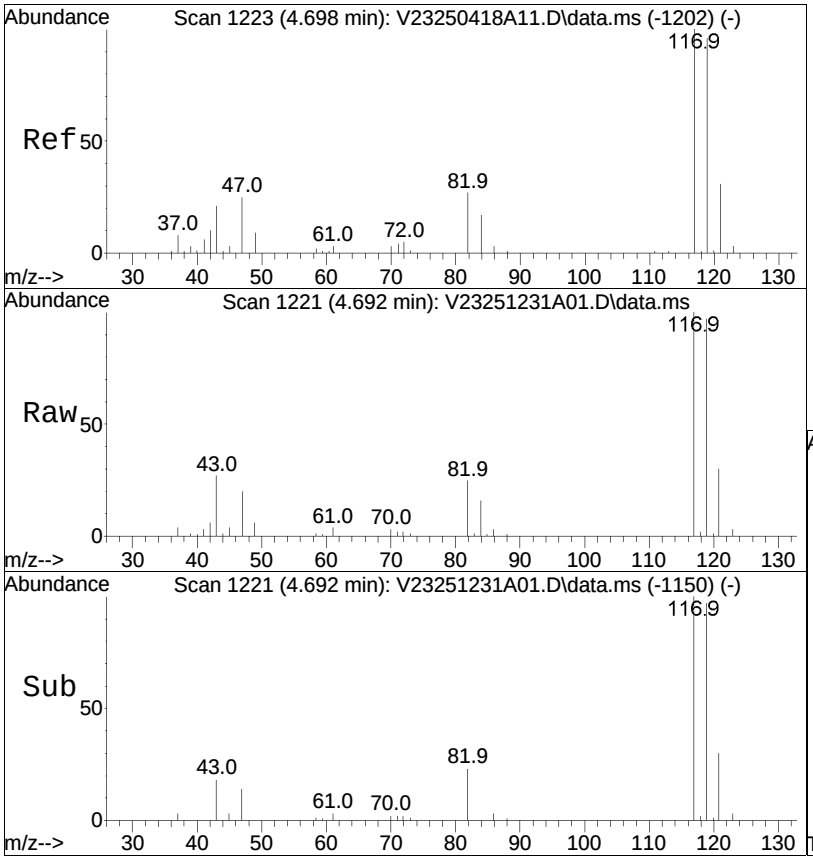


#32
Chloroform
Concen: 37.00 ug/L
RT: 4.564 min Scan# 1175
Delta R.T. -0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 83 Resp: 134673

Ion	Ratio	Lower	Upper
83	100		
85	64.9	42.1	87.3
47	26.1	14.0	29.2
48	13.4	7.2	14.9

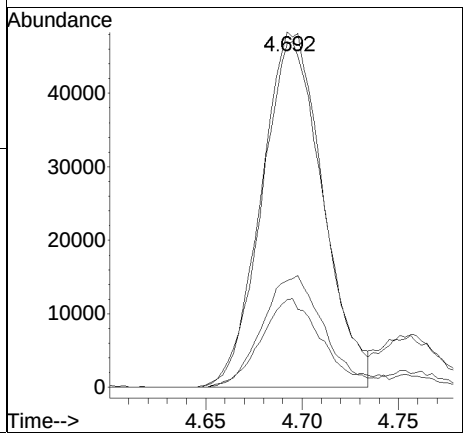


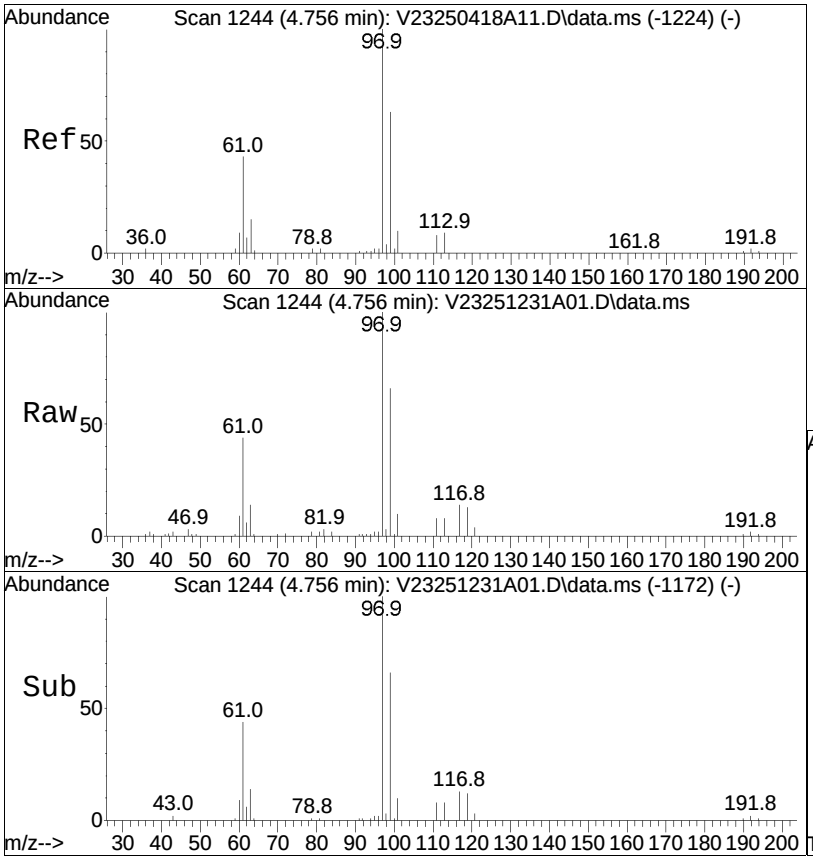


#34
Carbon tetrachloride
Concen: 46.06 ug/L
RT: 4.692 min Scan# 1221
Delta R.T. -0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion:117 Resp: 108618

Ion	Ratio	Lower	Upper
117	100		
119	95.5	62.7	130.3
121	31.2	20.3	42.1
82	24.8	16.4	34.2

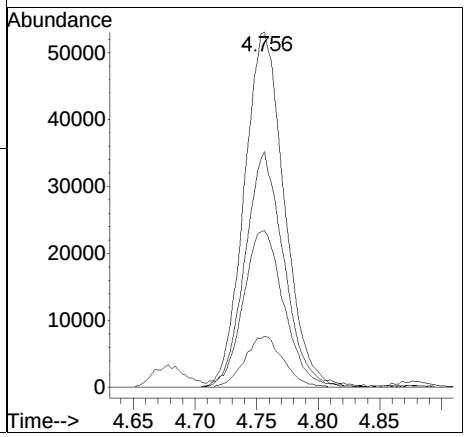


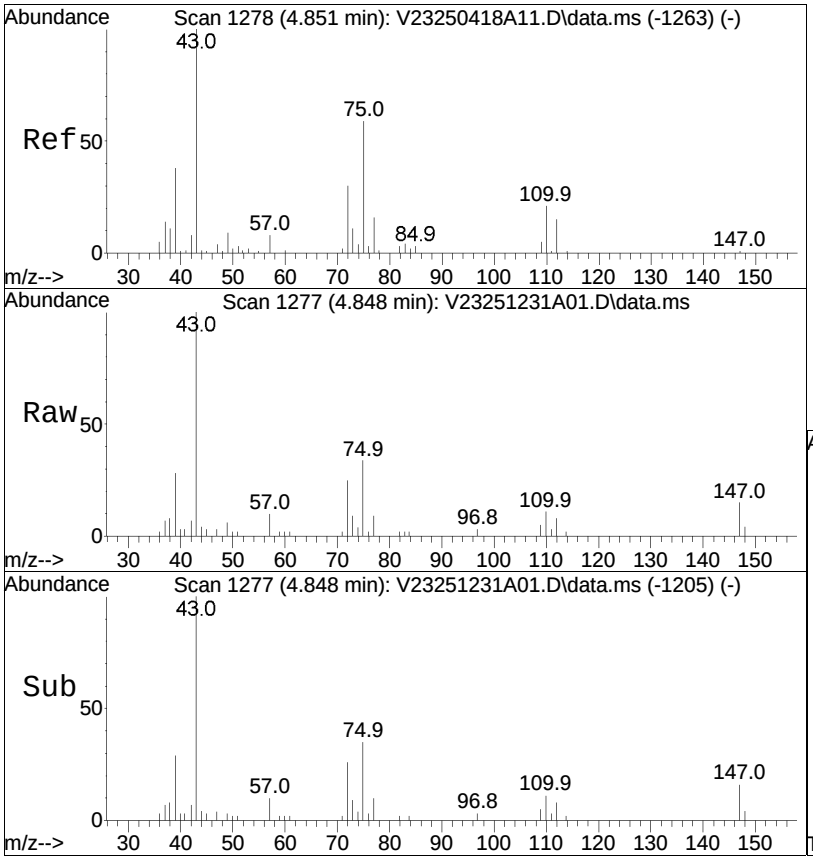


#37
1,1,1-Trichloroethane
Concen: 48.00 ug/L
RT: 4.756 min Scan# 1244
Delta R.T. 0.000 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 97 Resp: 120798

Ion	Ratio	Lower	Upper
97	100		
99	63.9	41.5	86.3
61	45.1	27.4	57.0
63	13.9	9.0	18.6

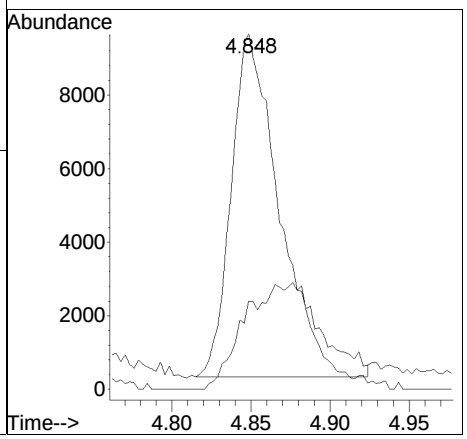


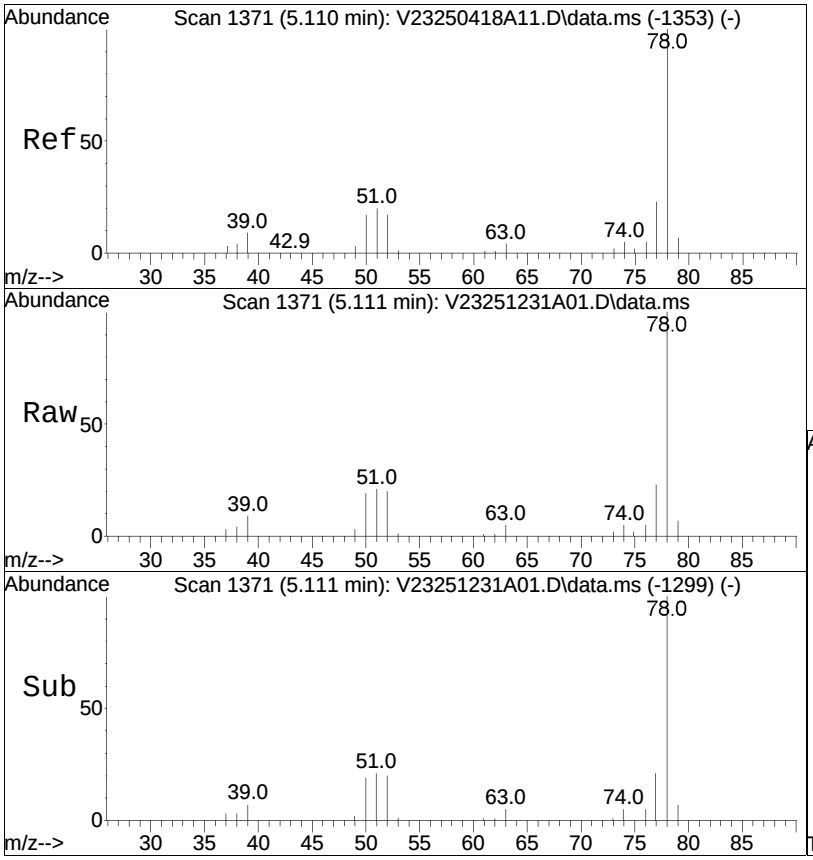


#39
2-Butanone
Concen: 40.85 ug/L
RT: 4.848 min Scan# 1277
Delta R.T. 0.000 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 43 Resp: 20638

Ion	Ratio	Lower	Upper
43	100		
72	12.3	30.4	45.6#

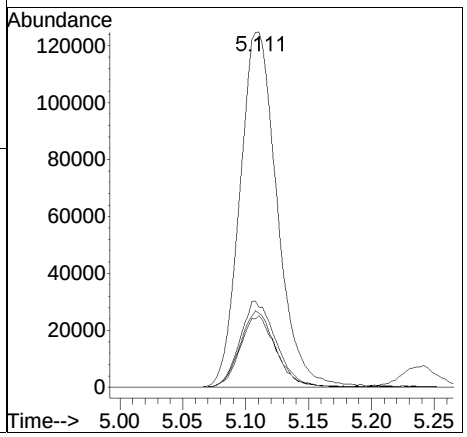


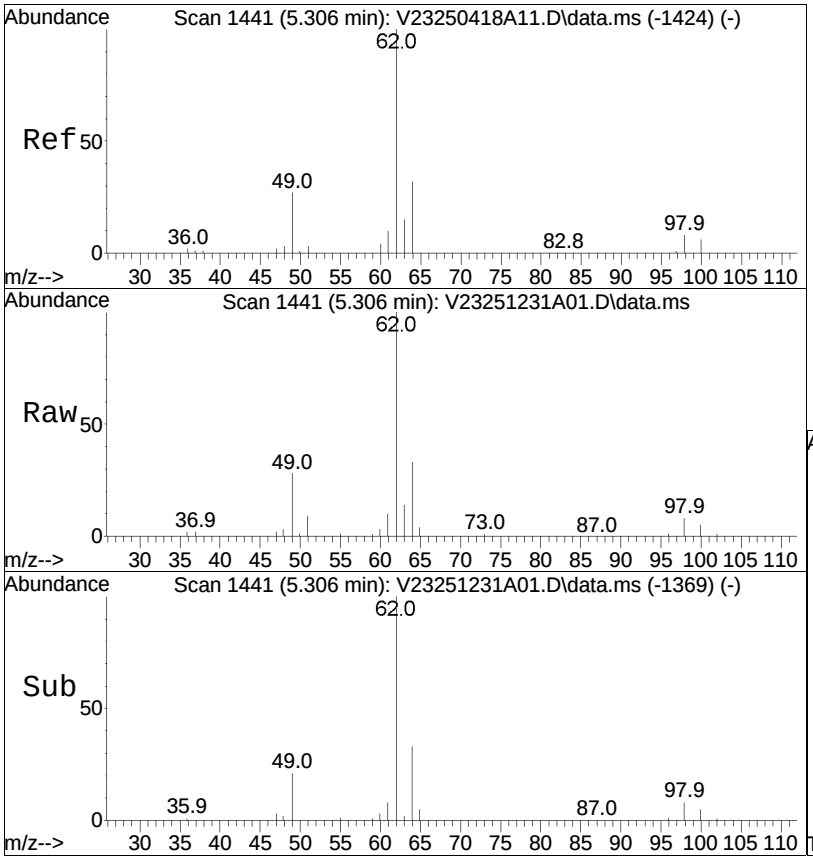


#41
Benzene
Concen: 41.53 ug/L
RT: 5.111 min Scan# 1371
Delta R.T. 0.000 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 78 Resp: 257571

Ion	Ratio	Lower	Upper
78	100		
77	23.8	15.7	32.5
51	20.7	9.9	20.5#
52	19.5	9.5	19.7

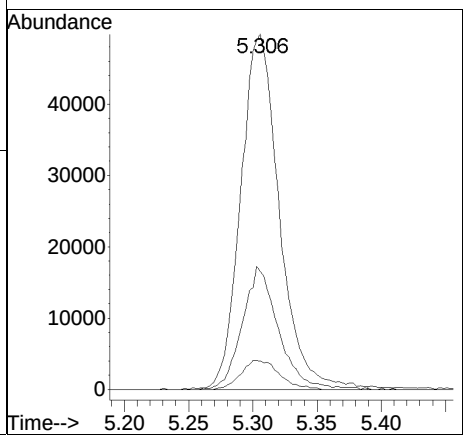


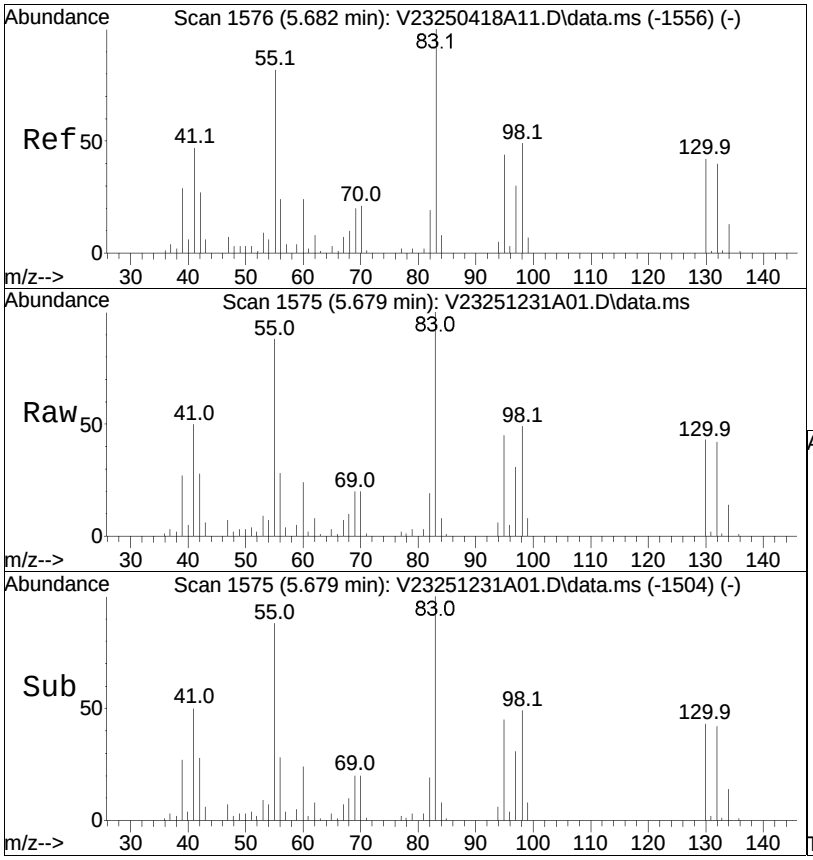


#44
1,2-Dichloroethane
Concen: 46.08 ug/L
RT: 5.306 min Scan# 1441
Delta R.T. 0.000 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 62 Resp: 104242

Ion	Ratio	Lower	Upper
62	100		
64	32.3	12.7	52.7
98	8.1	0.0	29.7

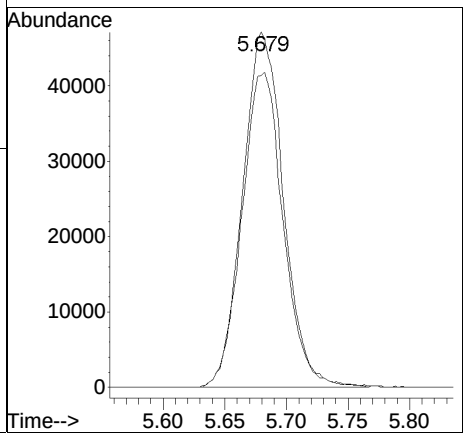


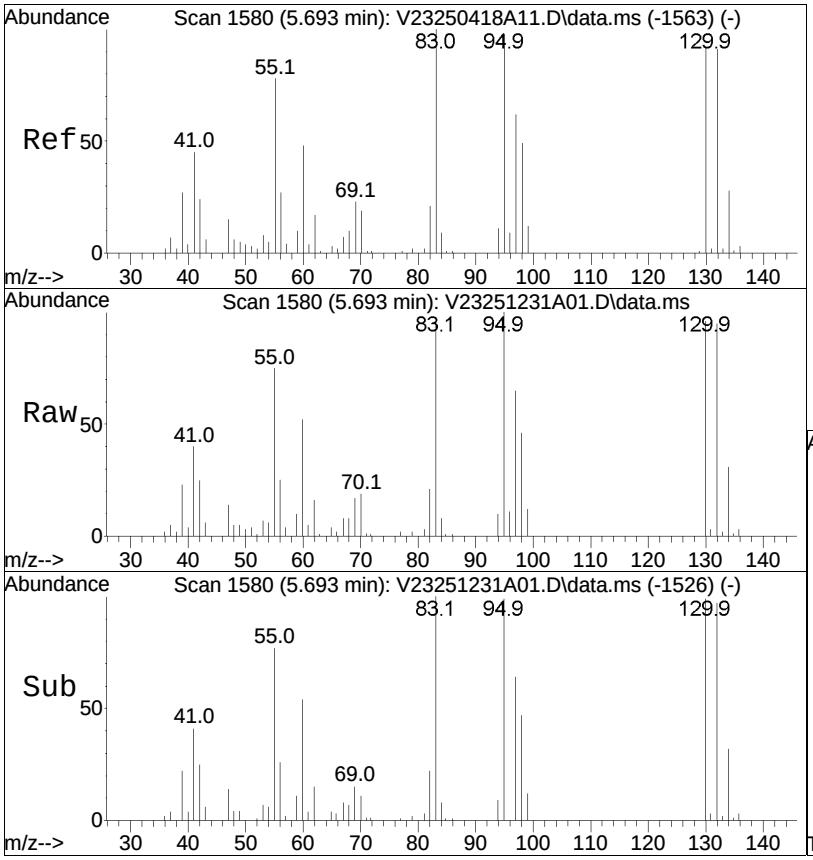


#47
Methyl cyclohexane
Concen: 40.67 ug/L
RT: 5.679 min Scan# 1575
Delta R.T. -0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 83 Resp: 108944

Ion	Ratio	Lower	Upper
83	100		
55	89.3	57.7	86.5#

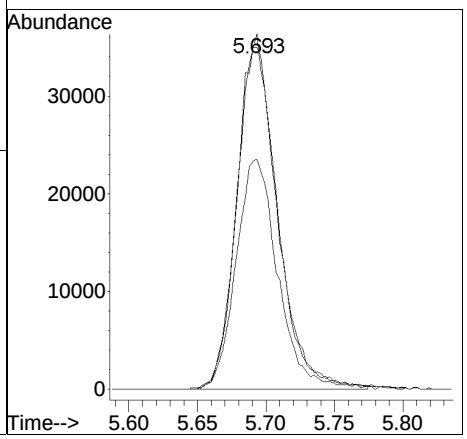


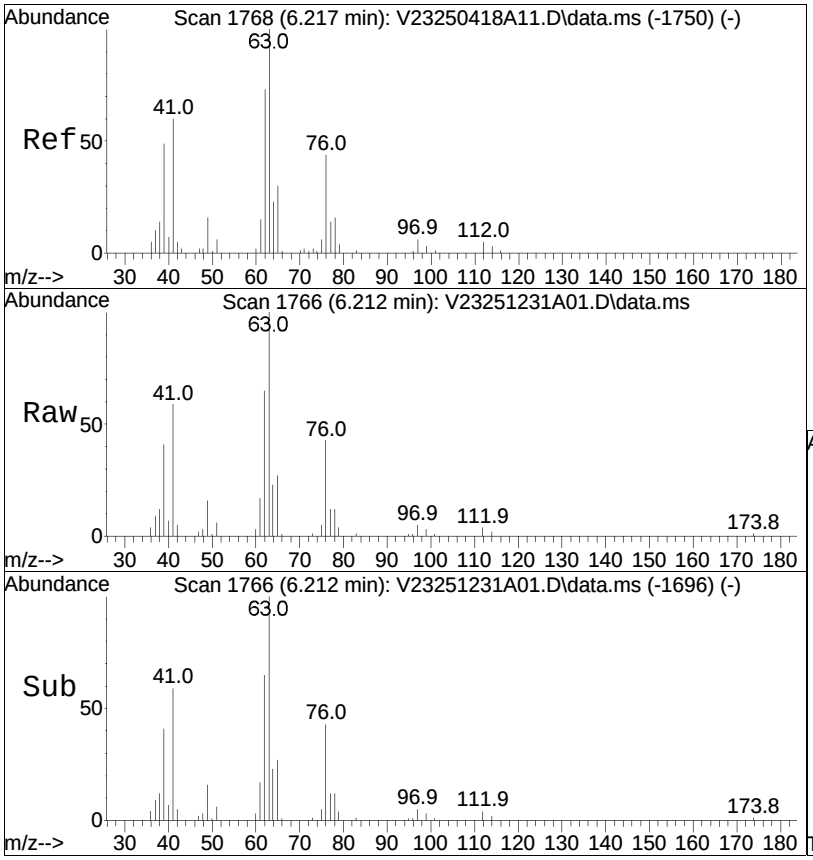


#48
Trichloroethene
Concen: 43.15 ug/L
RT: 5.693 min Scan# 1580
Delta R.T. 0.000 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 95 Resp: 73450

Ion	Ratio	Lower	Upper
95	100		
97	68.3	54.3	81.5
130	100.8	82.2	123.2

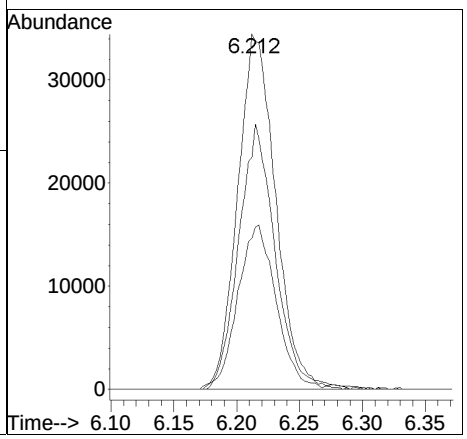


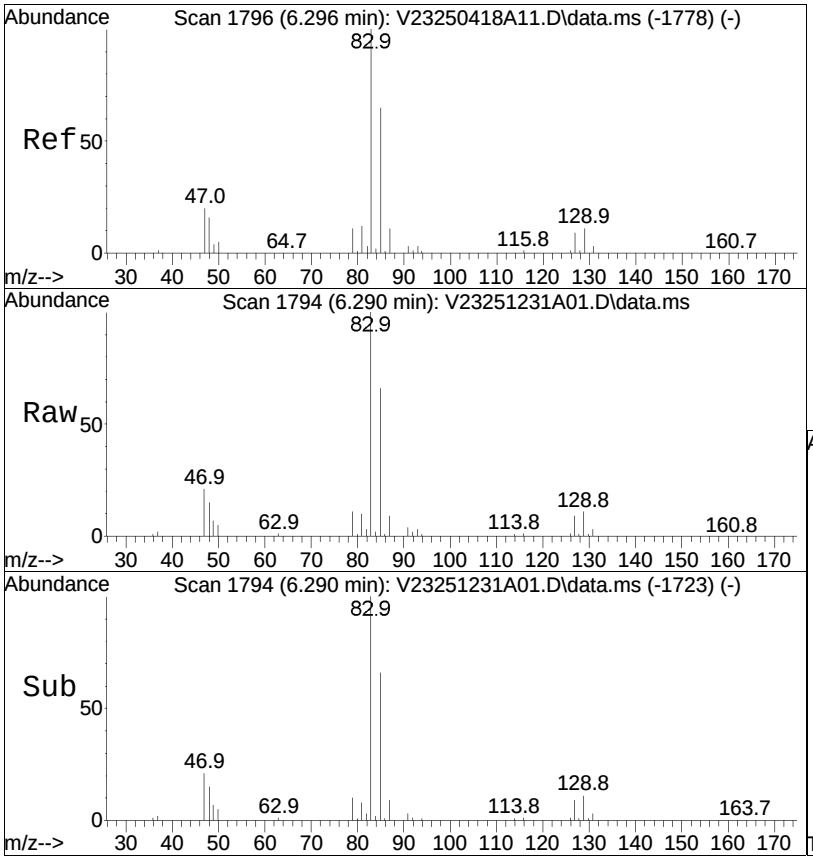


#51
1,2-Dichloropropane
Concen: 42.67 ug/L
RT: 6.212 min Scan# 1766
Delta R.T. -0.006 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 63 Resp: 72850

Ion	Ratio	Lower	Upper
63	100		
62	70.9	56.9	85.3
76	46.3	35.0	52.4

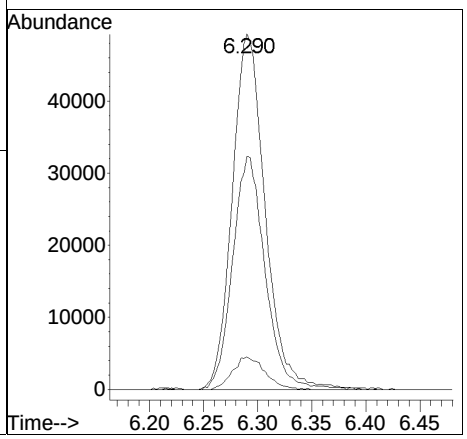


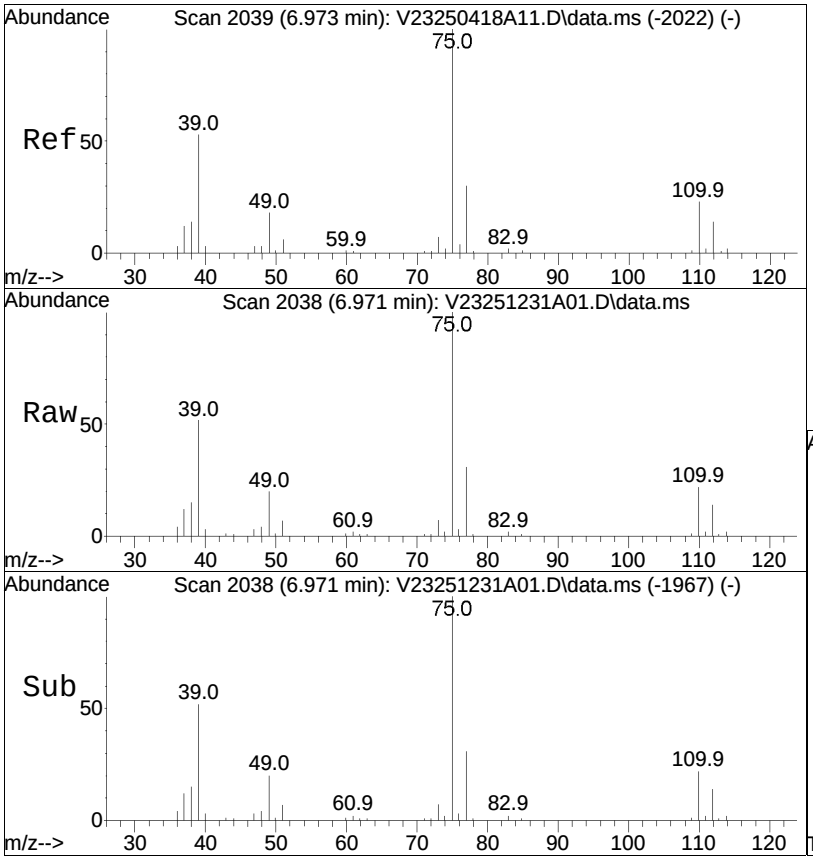


#54
Bromodichloromethane
Concen: 43.59 ug/L
RT: 6.290 min Scan# 1794
Delta R.T. -0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 83 Resp: 104485

Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.3	76.9
127	8.9	6.5	9.7

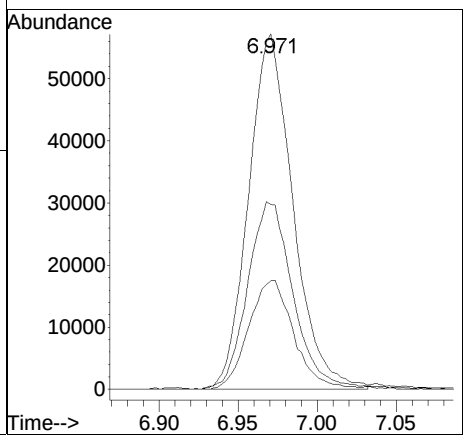


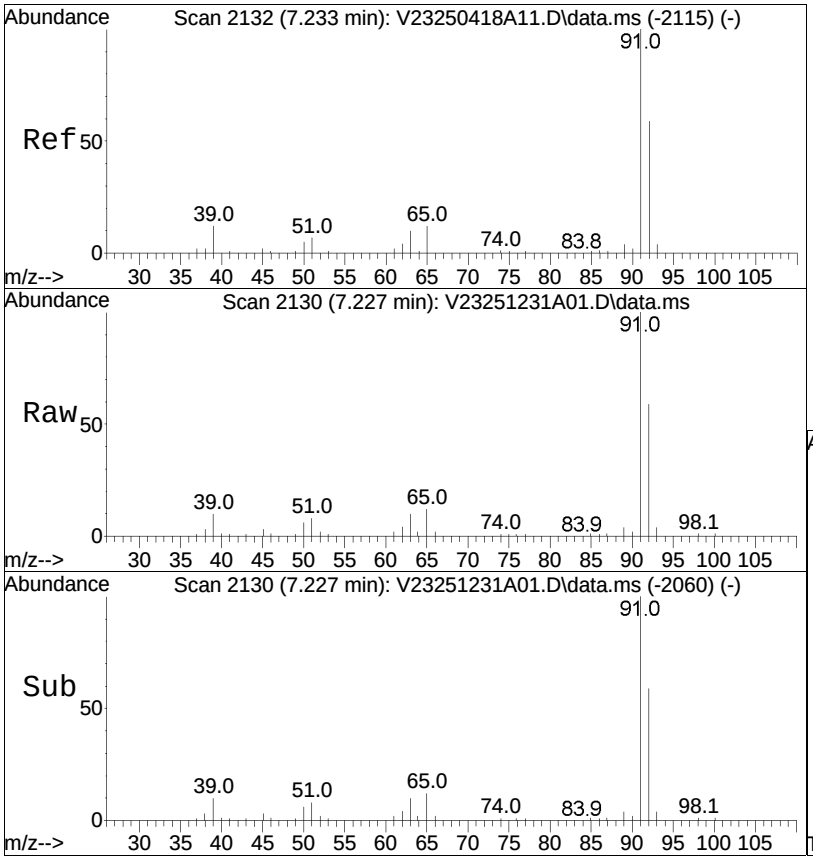


#58
cis-1,3-Dichloropropene
Concen: 42.49 ug/L
RT: 6.971 min Scan# 2038
Delta R.T. -0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 75 Resp: 112042

Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.9	38.9
39	54.4	34.5	51.7#

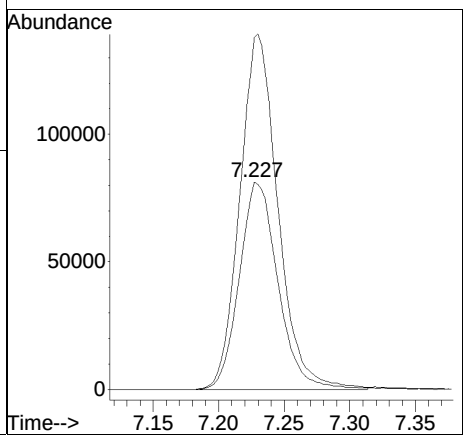


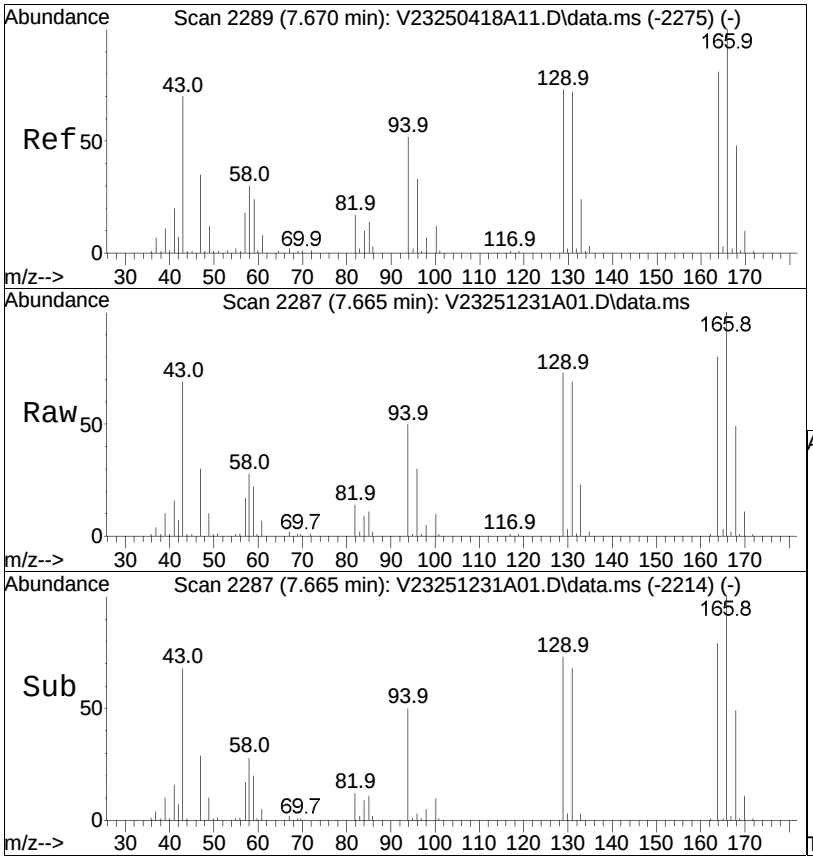


#61
Toluene
Concen: 39.38 ug/L
RT: 7.227 min Scan# 2130
Delta R.T. -0.006 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 92 Resp: 166380

Ion	Ratio	Lower	Upper
92	100		
91	168.9	136.4	204.6

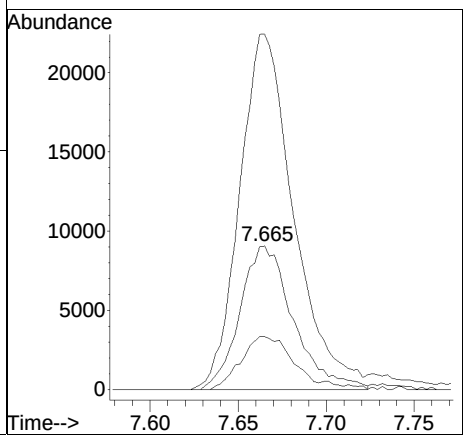


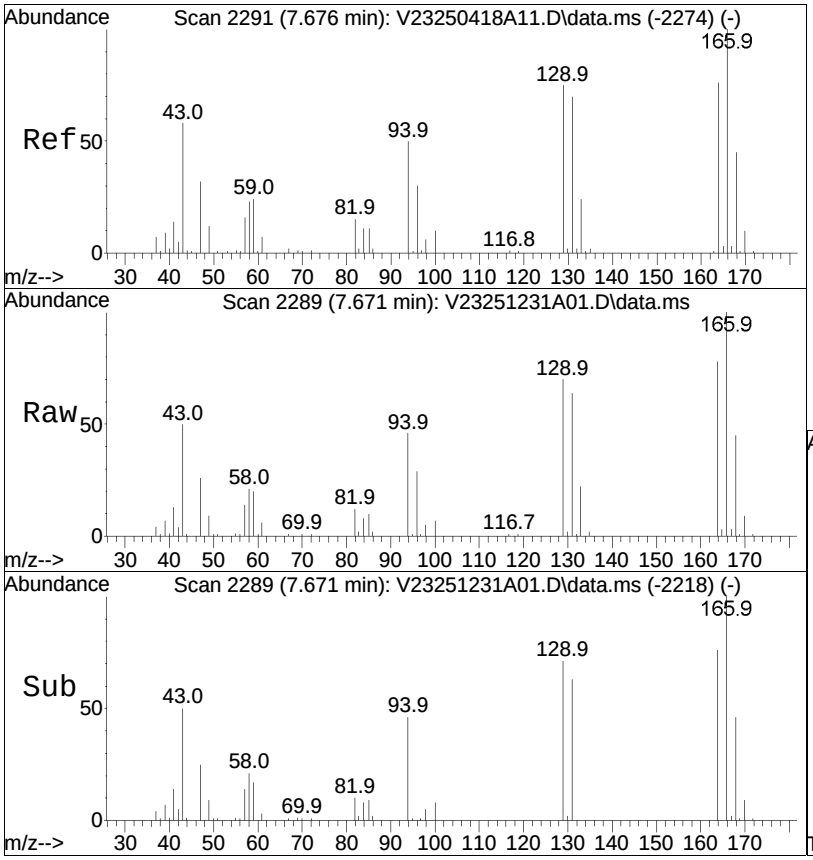


#62
4-Methyl-2-pentanone
Concen: 42.37 ug/L
RT: 7.665 min Scan# 2287
Delta R.T. 0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 58 Resp: 19061

Ion	Ratio	Lower	Upper
58	100		
100	35.1	33.1	49.7
43	251.8	179.0	268.6

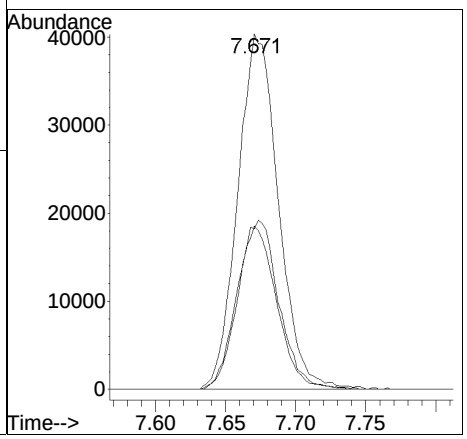


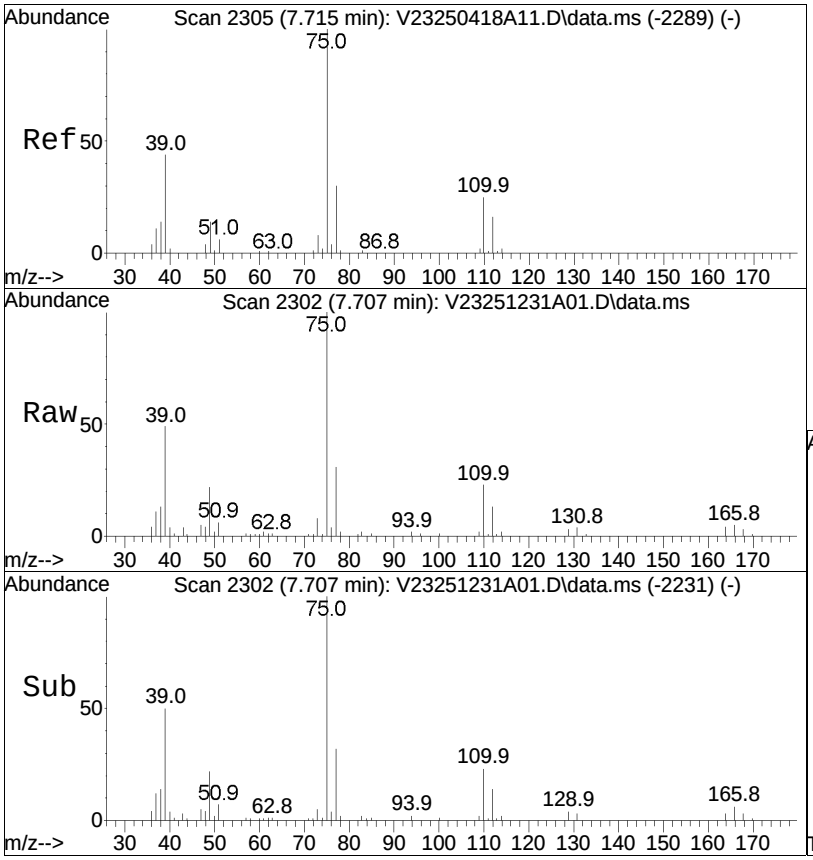


#63
Tetrachloroethene
Concen: 44.95 ug/L
RT: 7.671 min Scan# 2289
Delta R.T. -0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion:166 Resp: 81695

Ion	Ratio	Lower	Upper
166	100		
168	47.9	28.0	68.0
94	45.6	23.3	63.3

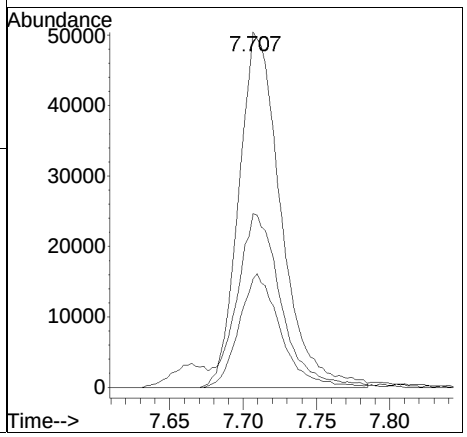


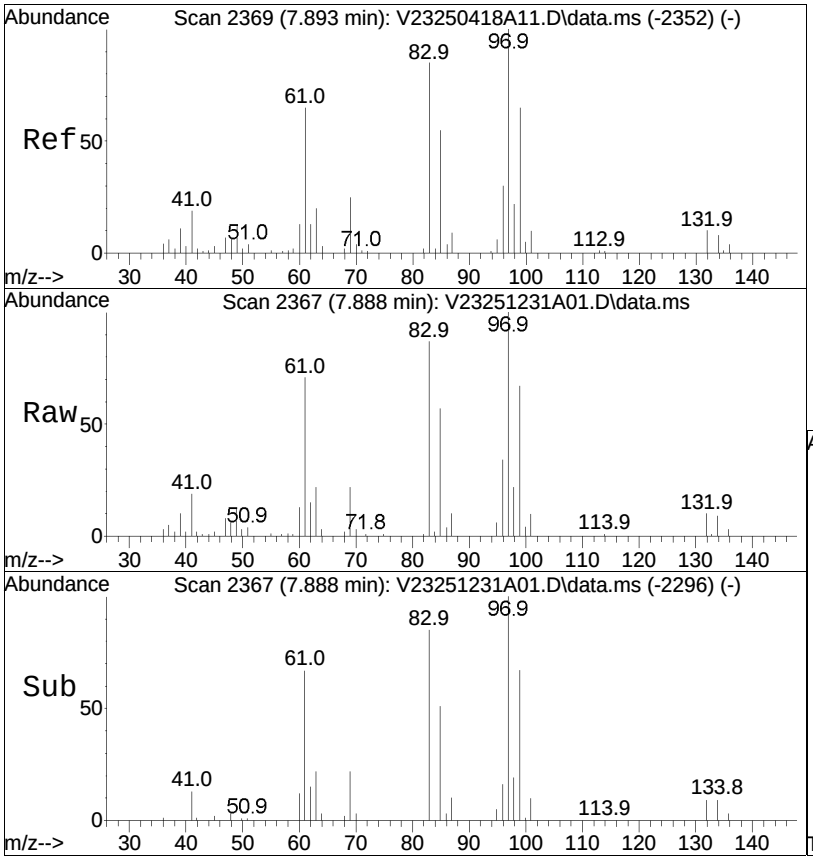


#65
trans-1,3-Dichloropropene
Concen: 42.32 ug/L
RT: 7.707 min Scan# 2302
Delta R.T. -0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 75 Resp: 100725

Ion	Ratio	Lower	Upper
75	100		
77	31.5	12.7	52.7
39	49.5	29.5	69.5

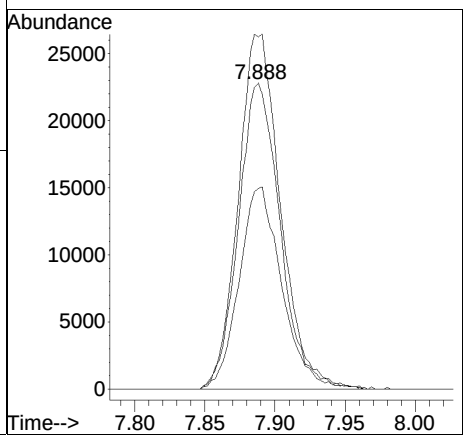


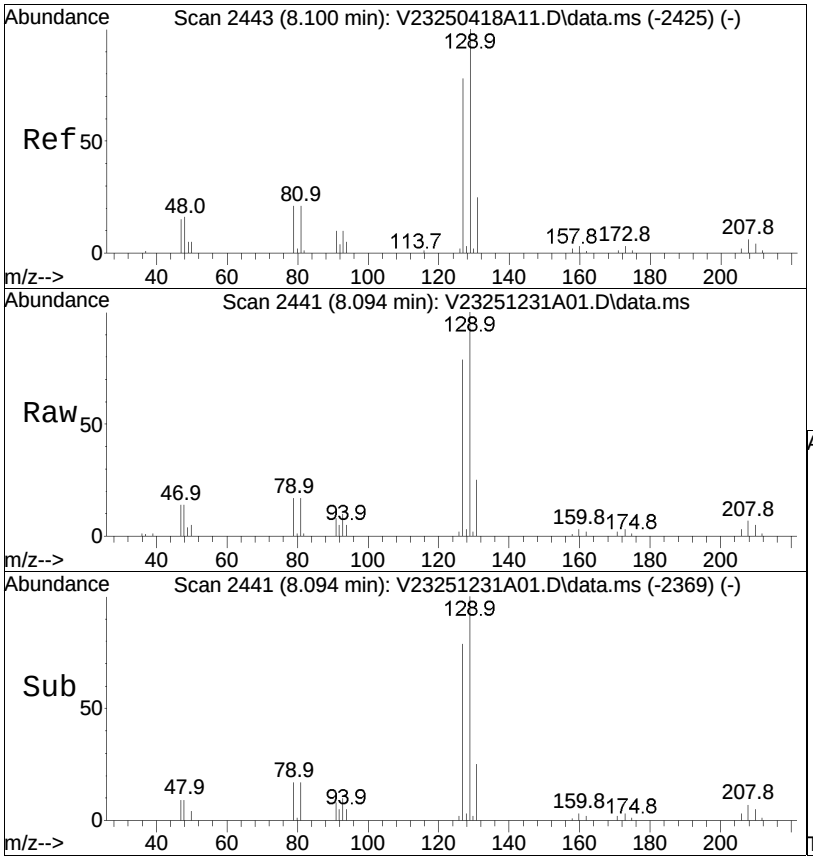


#68
1,1,2-Trichloroethane
Concen: 39.10 ug/L
RT: 7.888 min Scan# 2367
Delta R.T. -0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 83 Resp: 47451

Ion	Ratio	Lower	Upper
83	100		
97	117.5	99.1	139.1
85	67.6	46.8	86.8

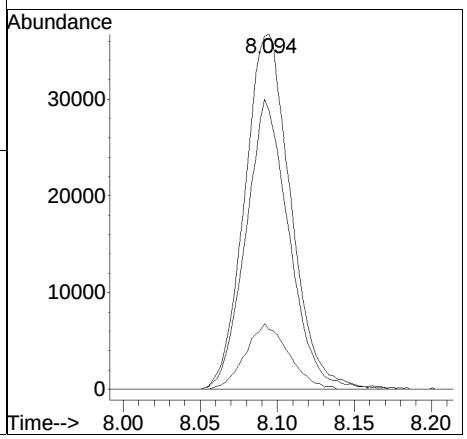


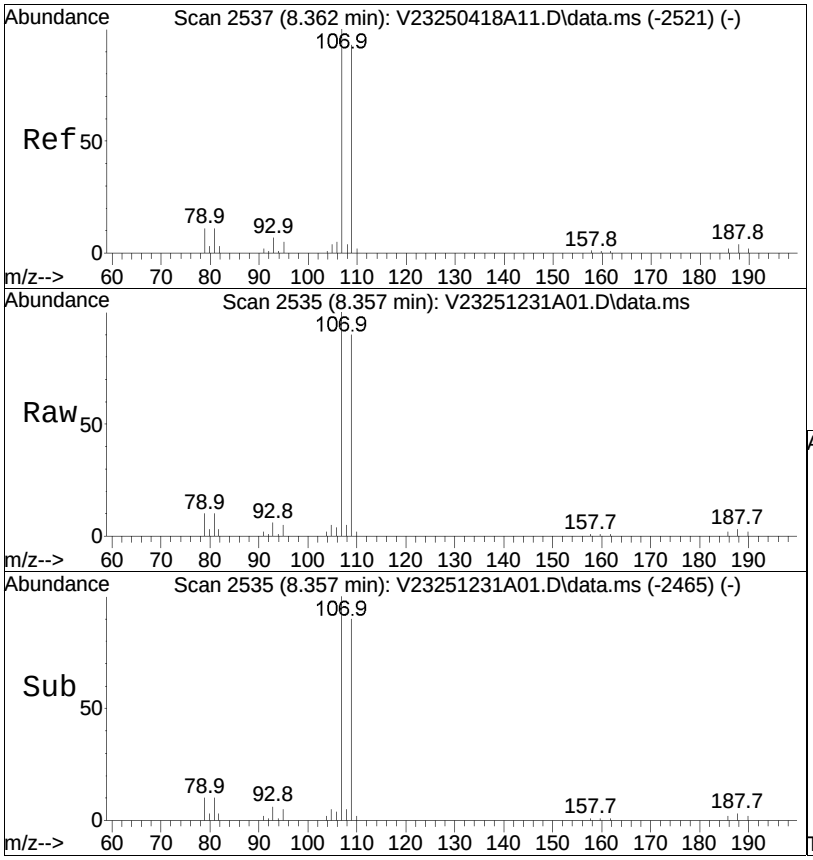


#69
Chlorodibromomethane
Concen: 43.78 ug/L
RT: 8.094 min Scan# 2441
Delta R.T. 0.000 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion:129 Resp: 76314

Ion	Ratio	Lower	Upper
129	100		
81	17.4	0.0	35.1
127	77.1	57.6	97.6

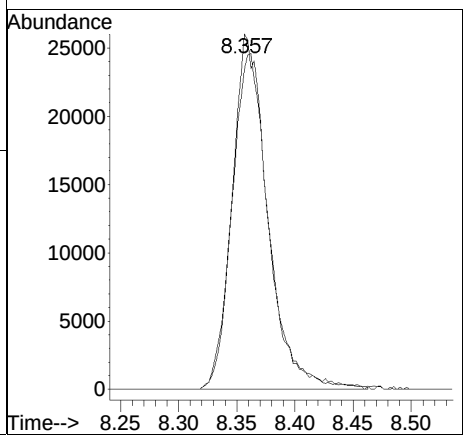


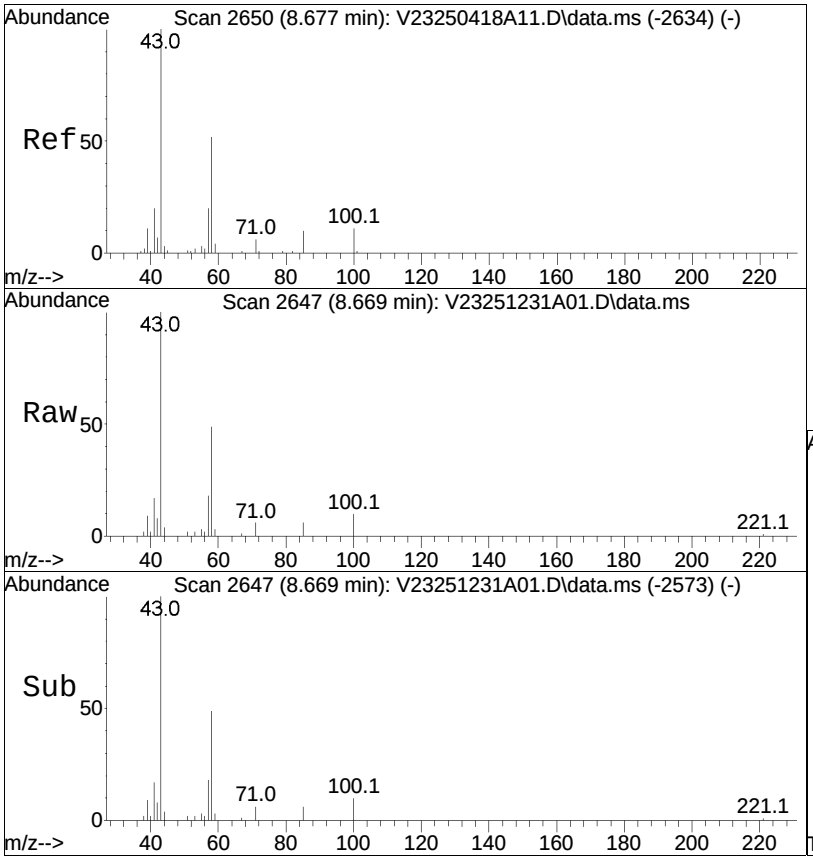


#71
1,2-Dibromoethane
Concen: 41.49 ug/L
RT: 8.357 min Scan# 2535
Delta R.T. -0.006 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion:107 Resp: 55888

Ion	Ratio	Lower	Upper
107	100		
109	94.5	76.1	114.1

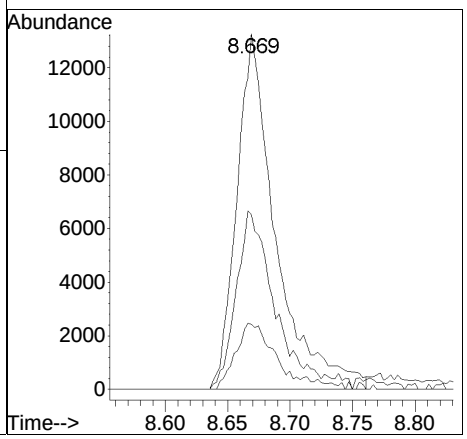


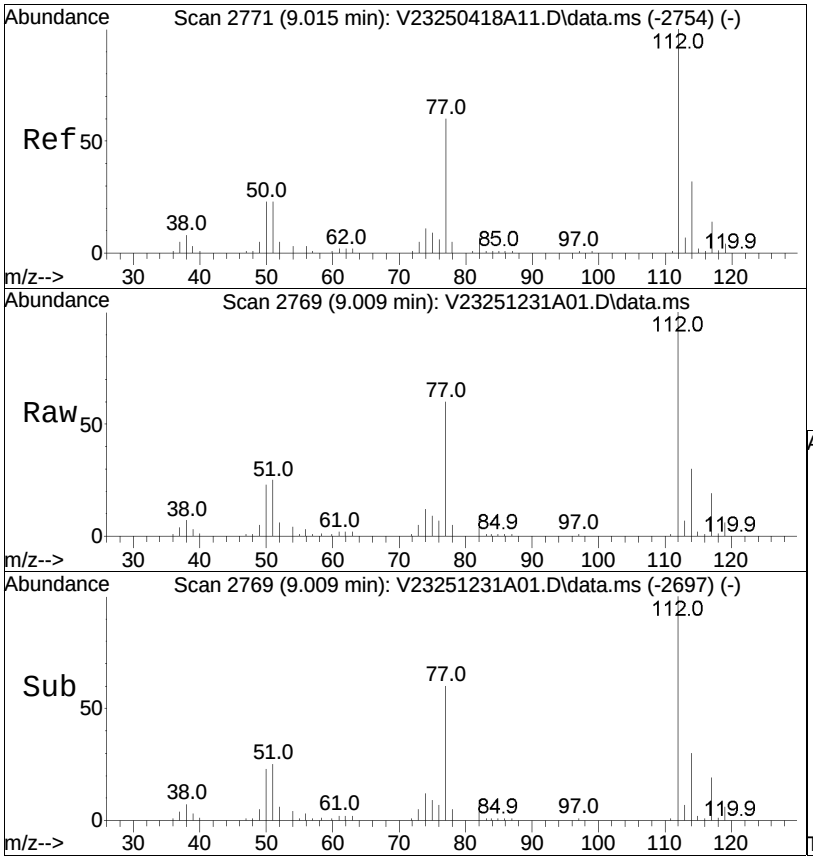


#72
2-Hexanone
Concen: 35.68 ug/L M1
RT: 8.669 min Scan# 2647
Delta R.T. 0.006 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 43 Resp: 28810

Ion	Ratio	Lower	Upper
43	100		
58	48.9	49.2	73.8#
57	18.0	17.4	26.2

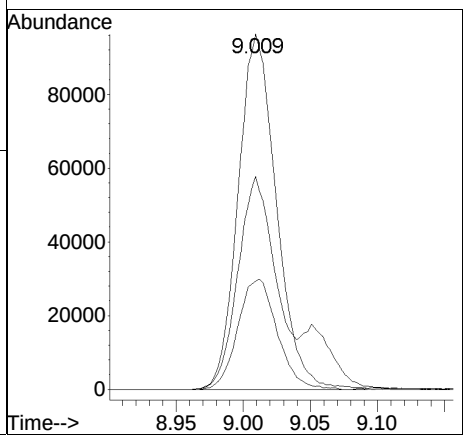


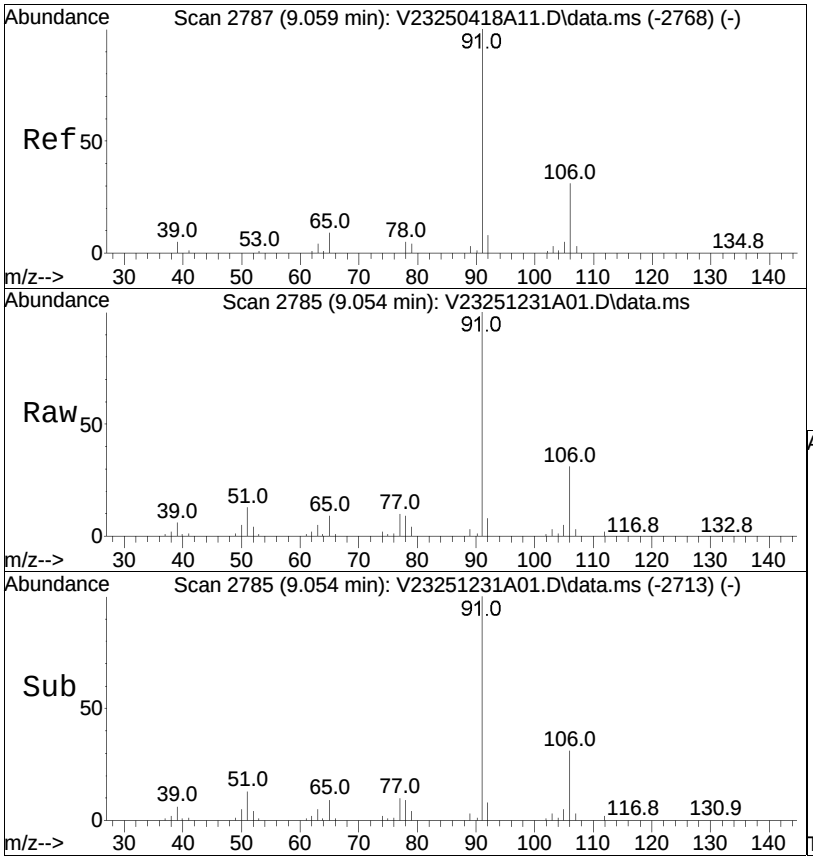


#73
Chlorobenzene
Concen: 39.58 ug/L
RT: 9.009 min Scan# 2769
Delta R.T. 0.000 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion:112 Resp: 191100

Ion	Ratio	Lower	Upper
112	100		
77	59.3	58.5	87.7
114	32.0	25.8	38.6

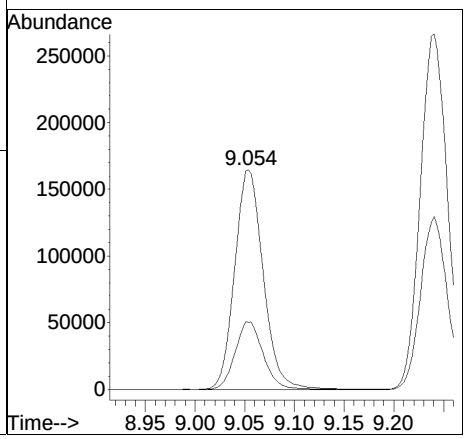


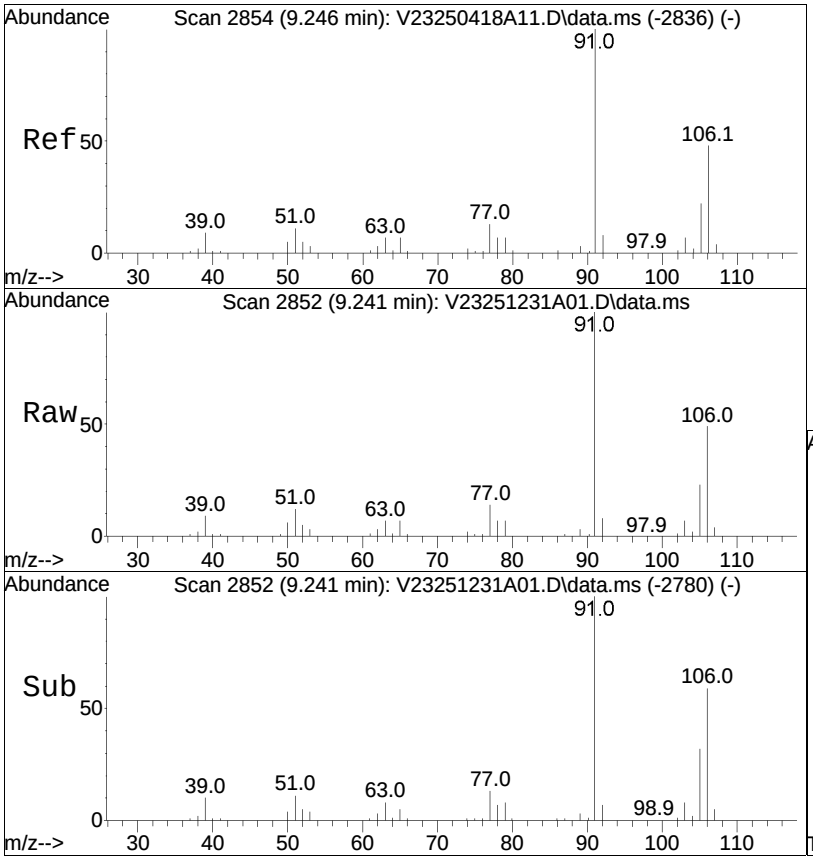


#74
Ethylbenzene
Concen: 39.35 ug/L
RT: 9.054 min Scan# 2785
Delta R.T. 0.000 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 91 Resp: 329098

Ion	Ratio	Lower	Upper
91	100		
106	30.2	25.2	37.8

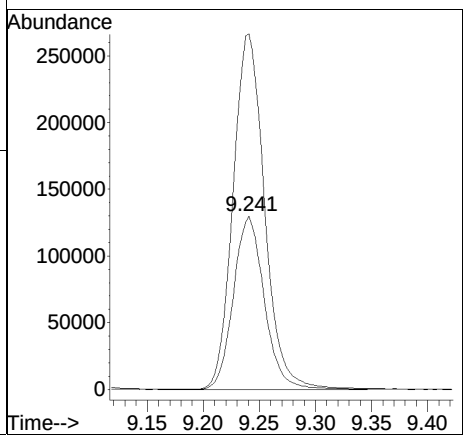


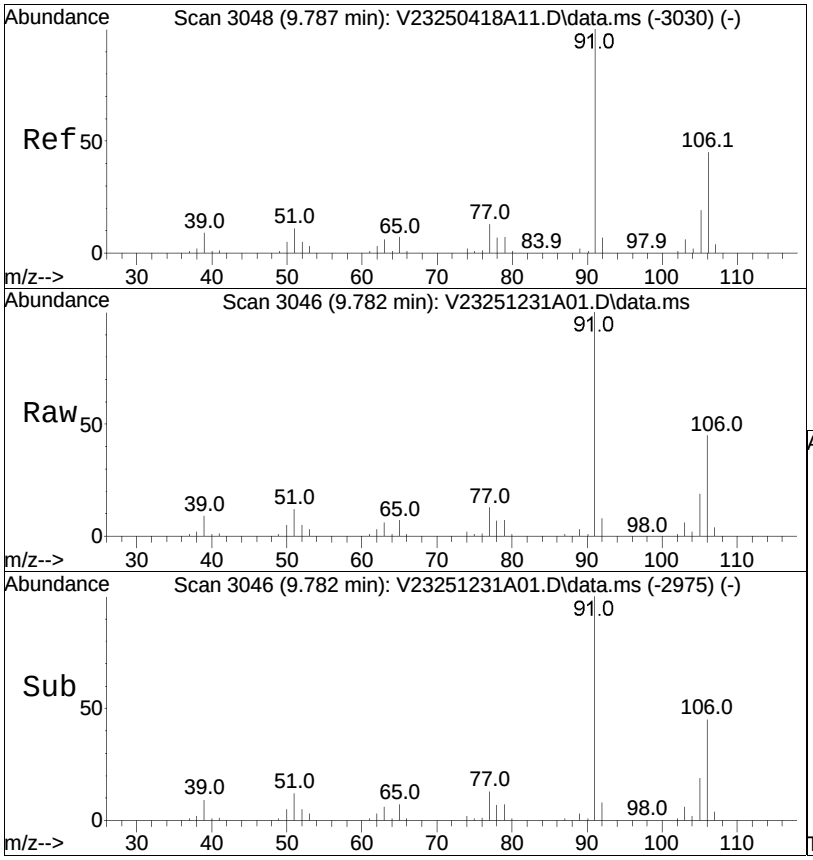


#76
p/m Xylene
Concen: 79.72 ug/L
RT: 9.241 min Scan# 2852
Delta R.T. 0.000 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion:106 Resp: 249299

Ion	Ratio	Lower	Upper
106	100		
91	207.7	160.4	240.6

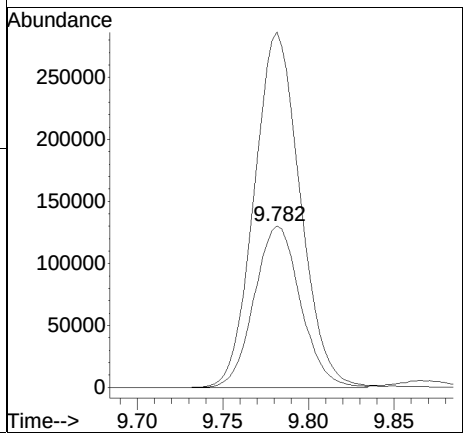


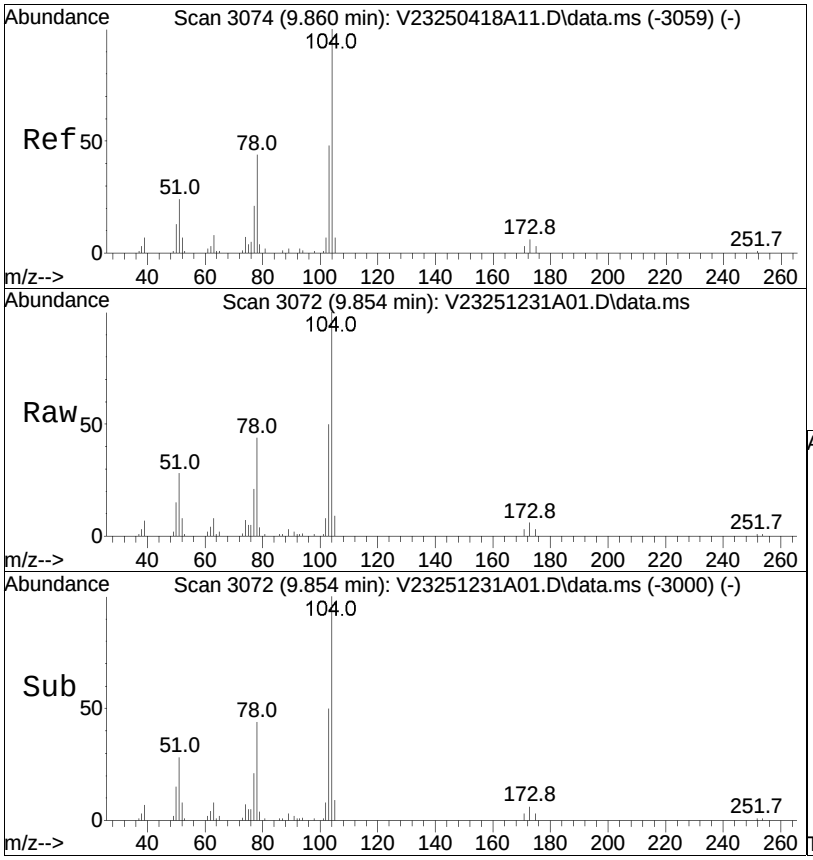


#77
o Xylene
Concen: 77.38 ug/L
RT: 9.782 min Scan# 3046
Delta R.T. -0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion:106 Resp: 244211

Ion	Ratio	Lower	Upper
106	100		
91	219.0	169.6	254.4

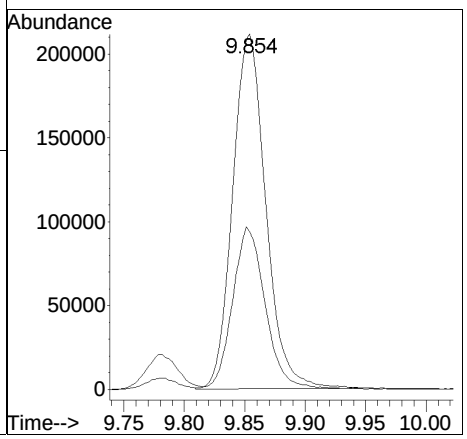


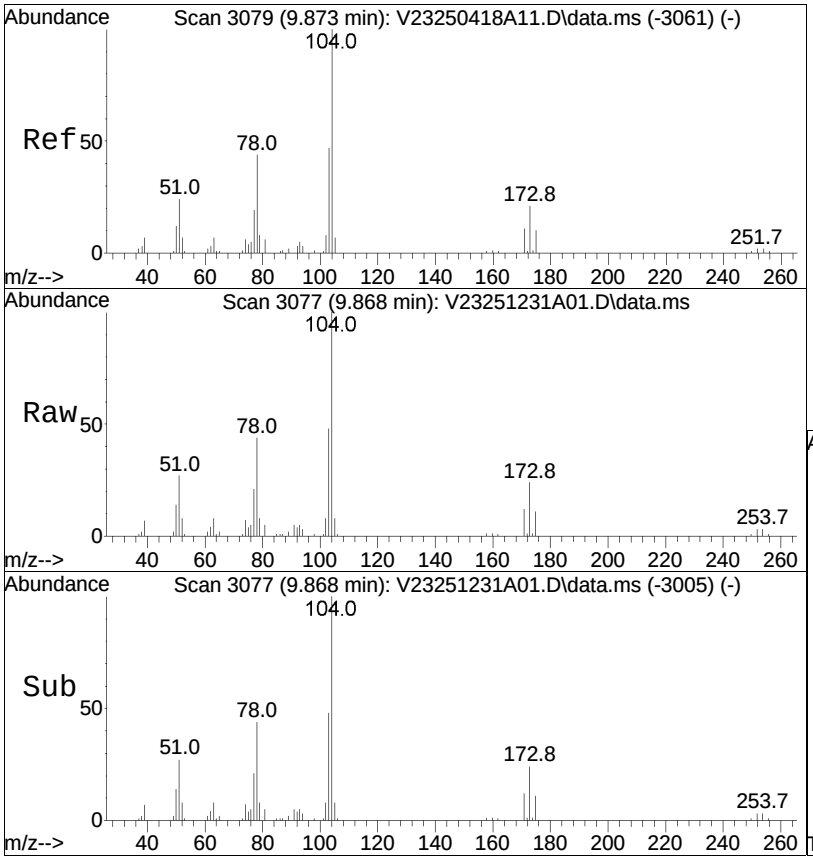


#78
Styrene
Concen: 75.79 ug/L
RT: 9.854 min Scan# 3072
Delta R.T. 0.000 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion:104 Resp: 403067

Ion	Ratio	Lower	Upper
104	100		
78	44.7	33.8	50.6

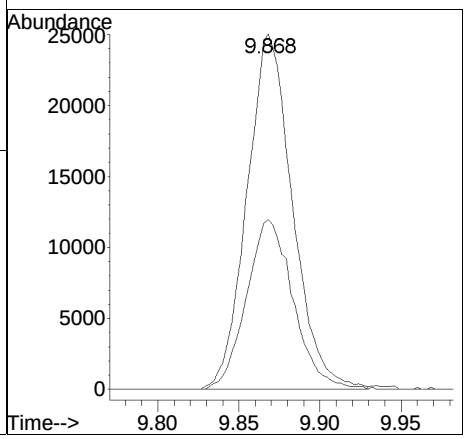


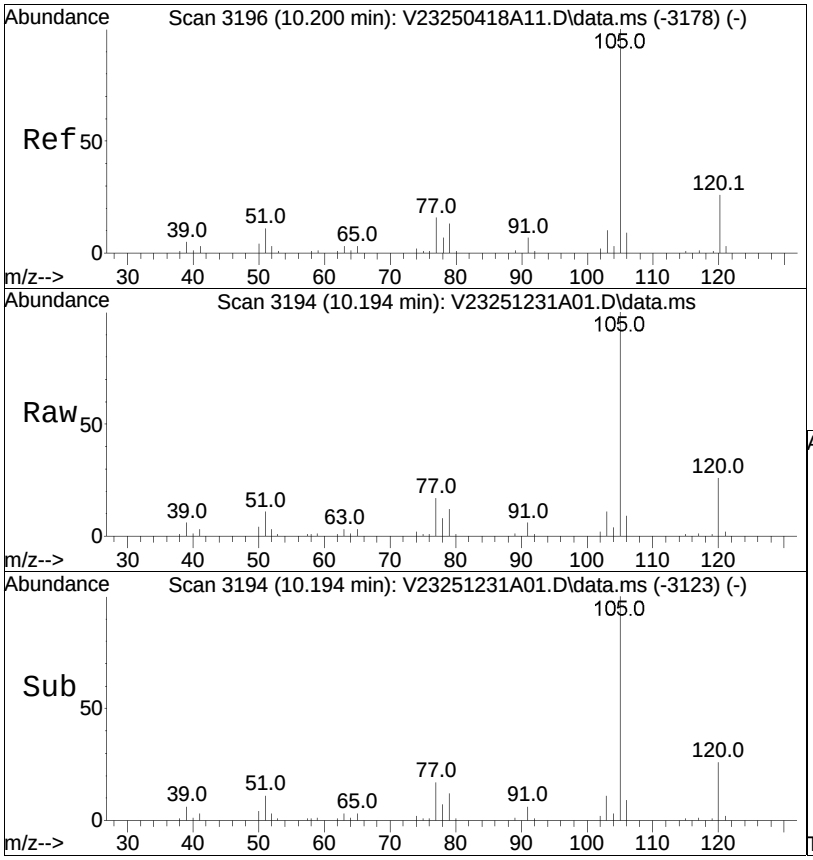


#80
Bromoform
Concen: 39.91 ug/L
RT: 9.868 min Scan# 3077
Delta R.T. 0.000 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion:173 Resp: 48968

Ion	Ratio	Lower	Upper
173	100		
175	49.1	28.7	68.7

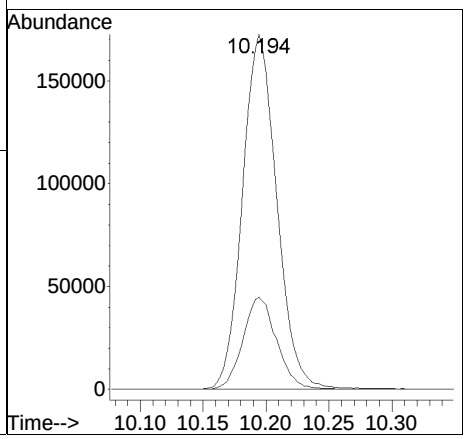


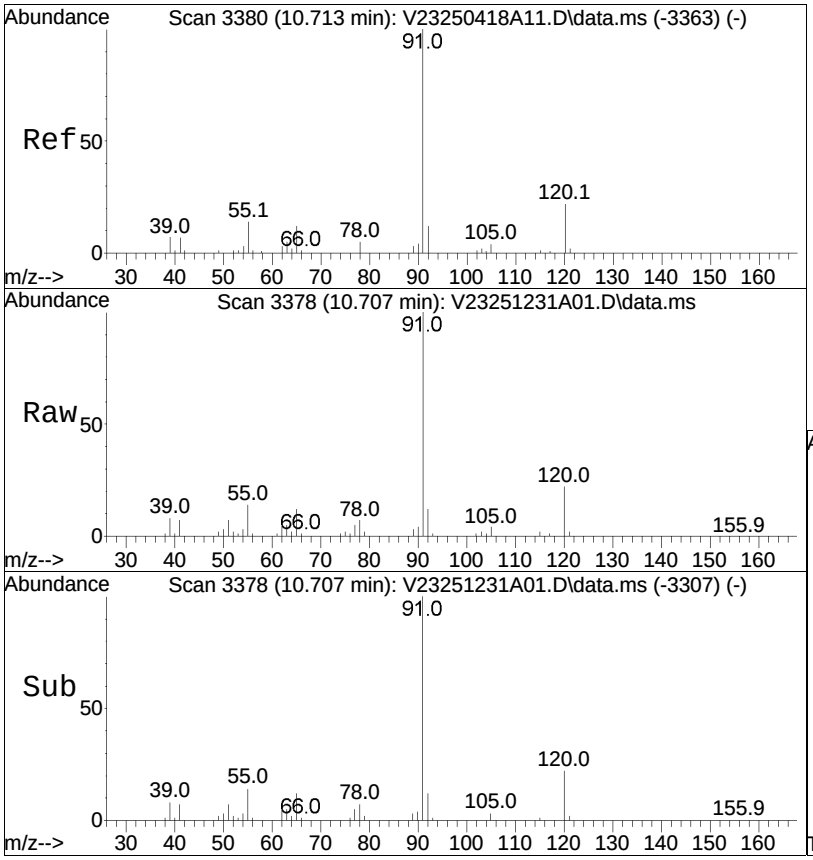


#82
Isopropylbenzene
Concen: 38.66 ug/L
RT: 10.194 min Scan# 3194
Delta R.T. -0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion:105 Resp: 327537

Ion	Ratio	Lower	Upper
105	100		
120	25.5	6.6	46.6

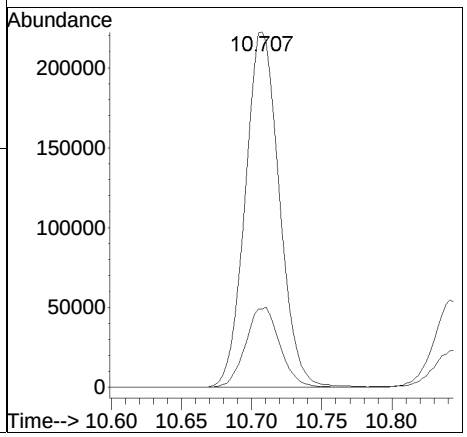


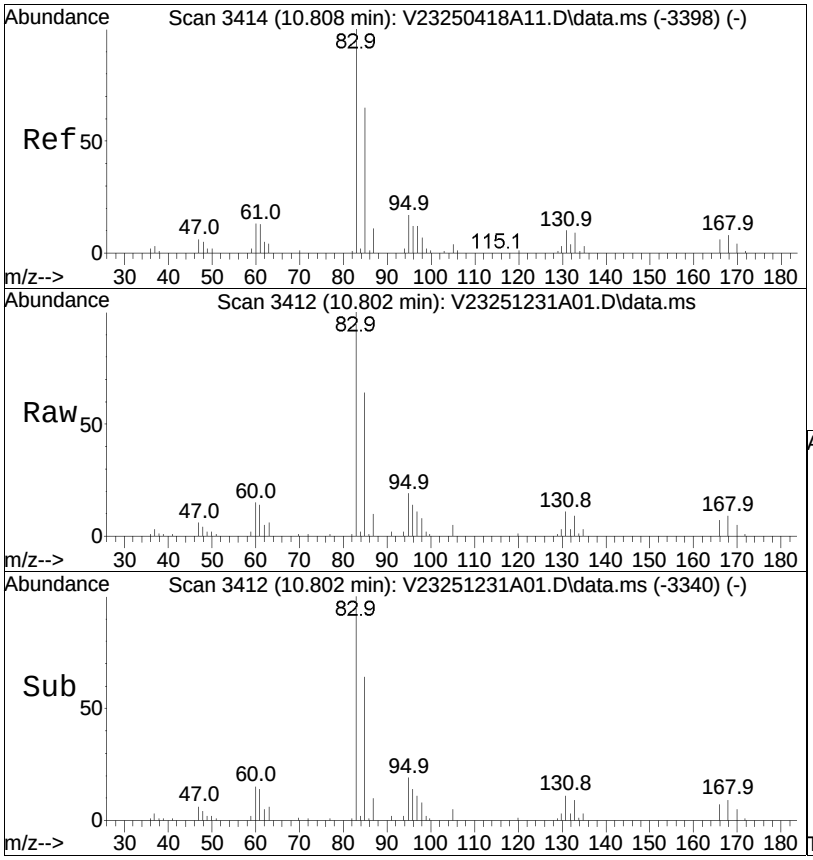


#85
n-Propylbenzene
Concen: 37.41 ug/L
RT: 10.707 min Scan# 3378
Delta R.T. -0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 91 Resp: 377329

Ion	Ratio	Lower	Upper
91	100		
120	22.5	18.2	27.2

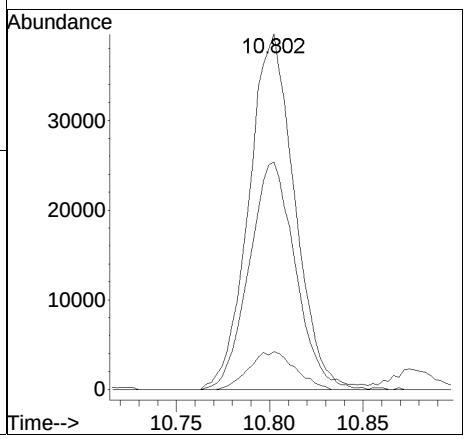


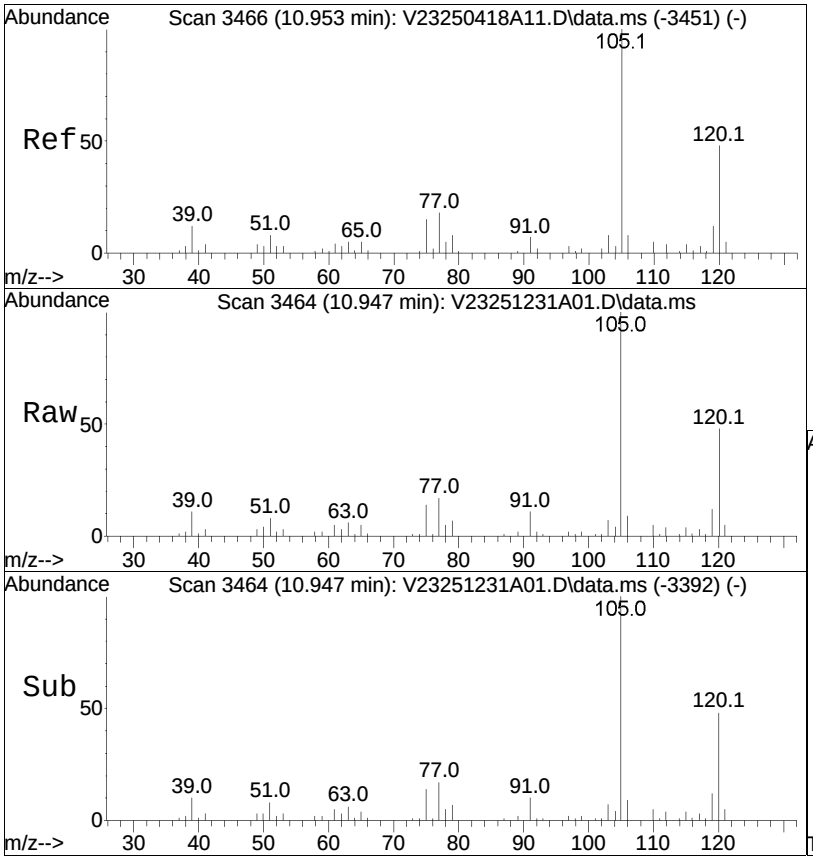


#87
1,1,2,2-Tetrachloroethane
Concen: 36.10 ug/L
RT: 10.802 min Scan# 3412
Delta R.T. 0.000 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 83 Resp: 67316

Ion	Ratio	Lower	Upper
83	100		
131	10.8	0.0	30.1
85	65.3	45.1	85.1

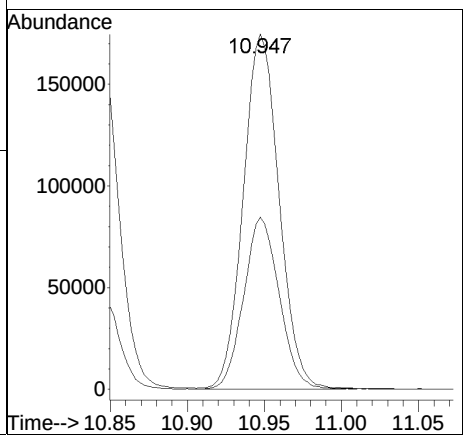


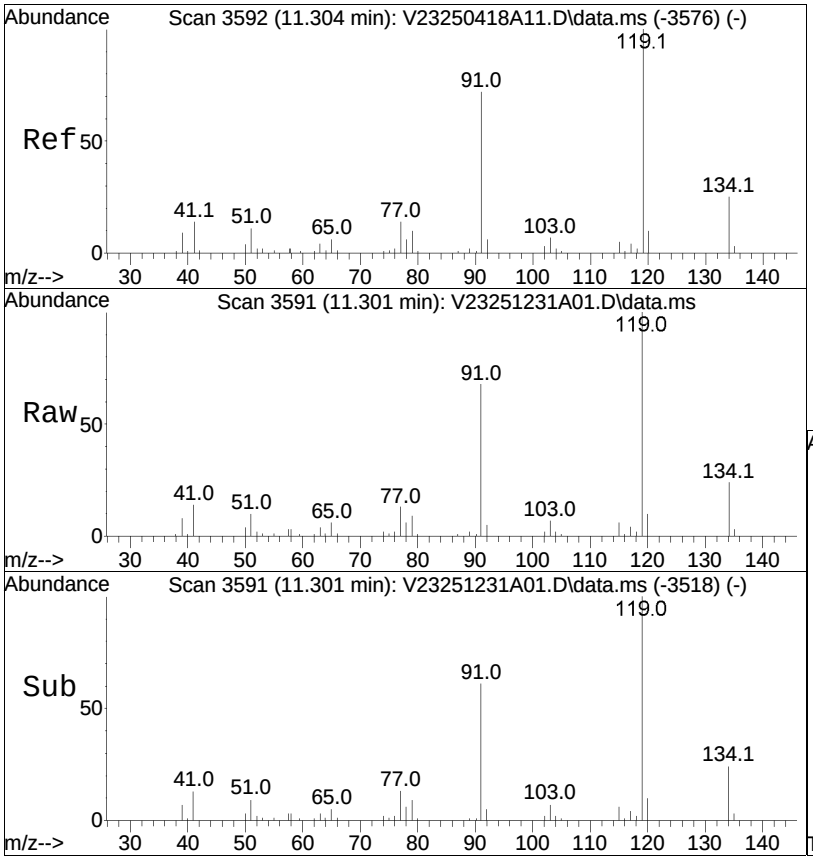


#90
1,3,5-Trimethylbenzene
Concen: 37.87 ug/L
RT: 10.947 min Scan# 3464
Delta R.T. 0.000 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion:105 Resp: 282000

Ion	Ratio	Lower	Upper
105	100		
120	48.0	39.9	59.9

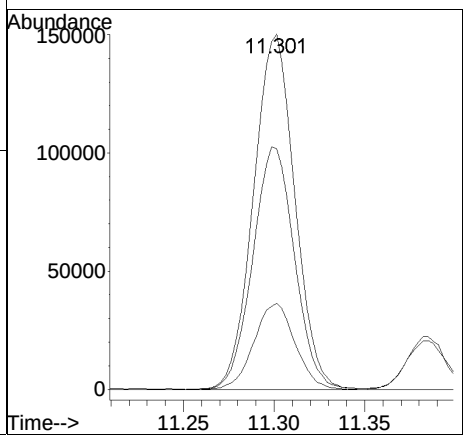


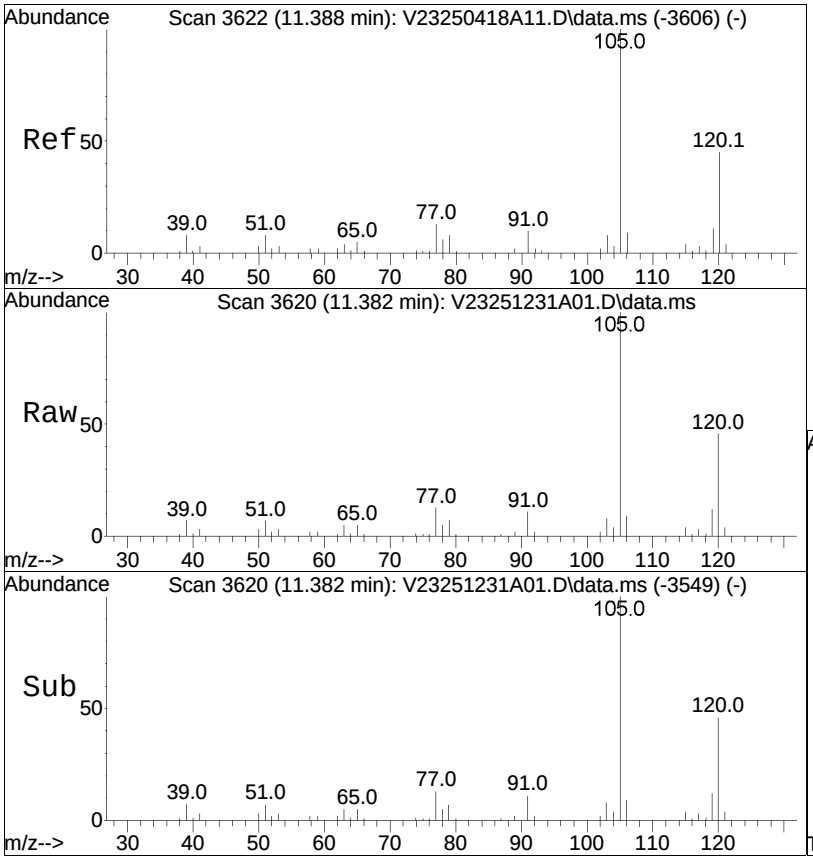


#94
tert-Butylbenzene
Concen: 38.22 ug/L
RT: 11.301 min Scan# 3591
Delta R.T. 0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion:119 Resp: 238304

Ion	Ratio	Lower	Upper
119	100		
91	69.2	53.1	79.7
134	24.1	20.4	30.6

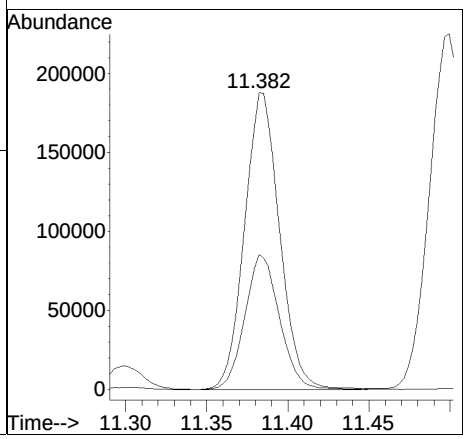


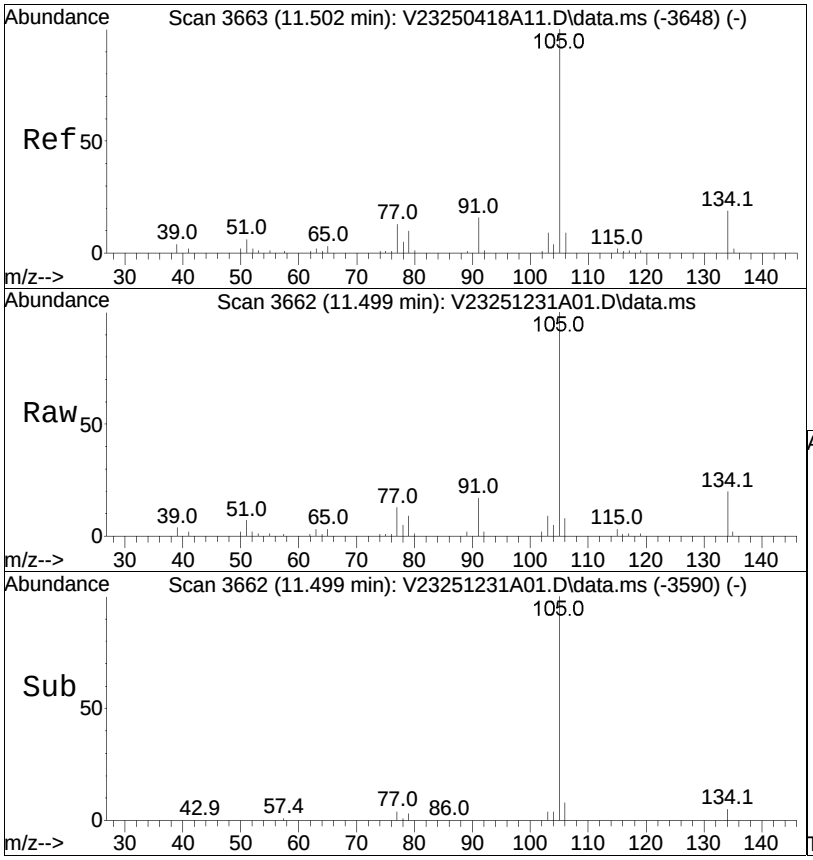


#97
1,2,4-Trimethylbenzene
Concen: 38.10 ug/L
RT: 11.382 min Scan# 3620
Delta R.T. -0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion:105 Resp: 281930

Ion	Ratio	Lower	Upper
105	100		
120	44.8	36.9	55.3

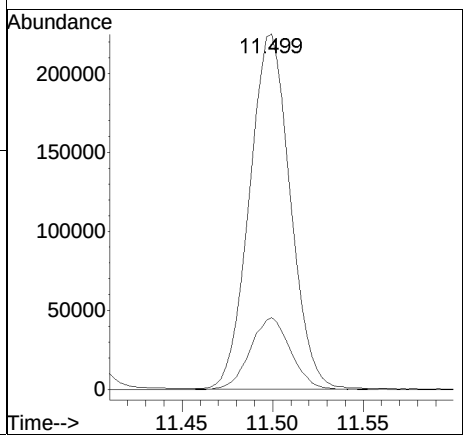


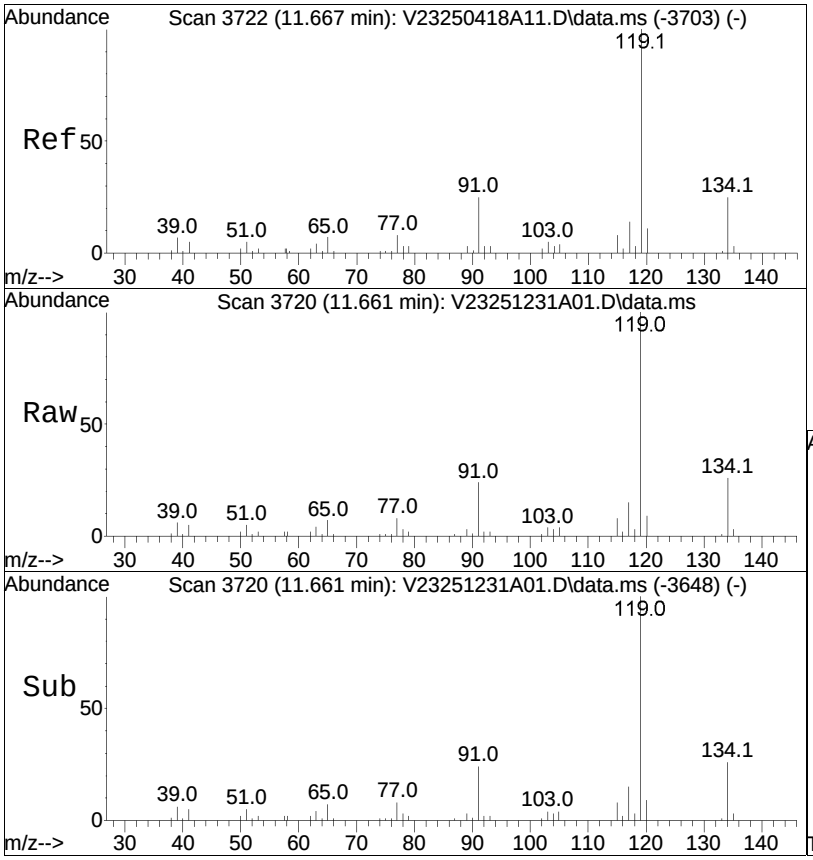


#98
sec-Butylbenzene
Concen: 37.62 ug/L
RT: 11.499 min Scan# 3662
Delta R.T. 0.000 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion:105 Resp: 350854

Ion	Ratio	Lower	Upper
105	100		
134	20.0	13.1	27.1

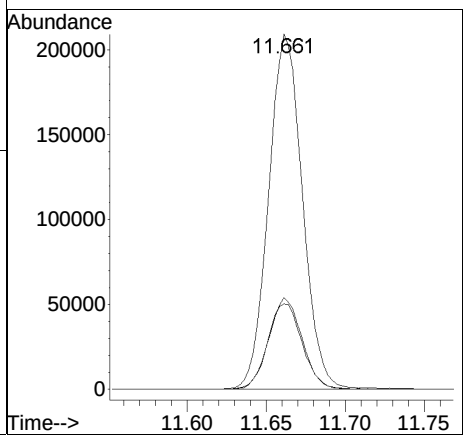


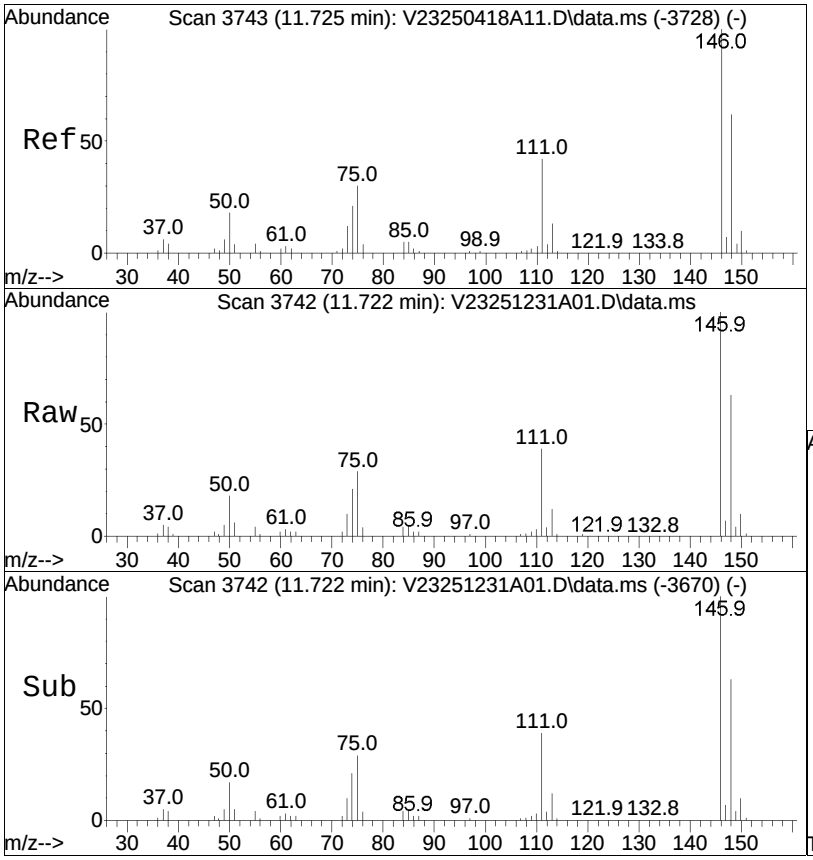


#99
p-Isopropyltoluene
Concen: 38.62 ug/L
RT: 11.661 min Scan# 3720
Delta R.T. 0.000 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion:119 Resp: 311931

Ion	Ratio	Lower	Upper
119	100		
134	25.4	17.2	35.6
91	24.7	15.1	31.3

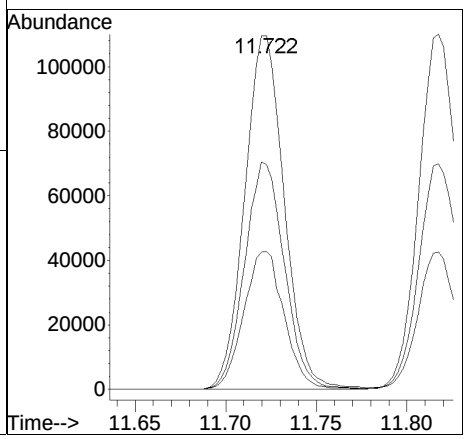


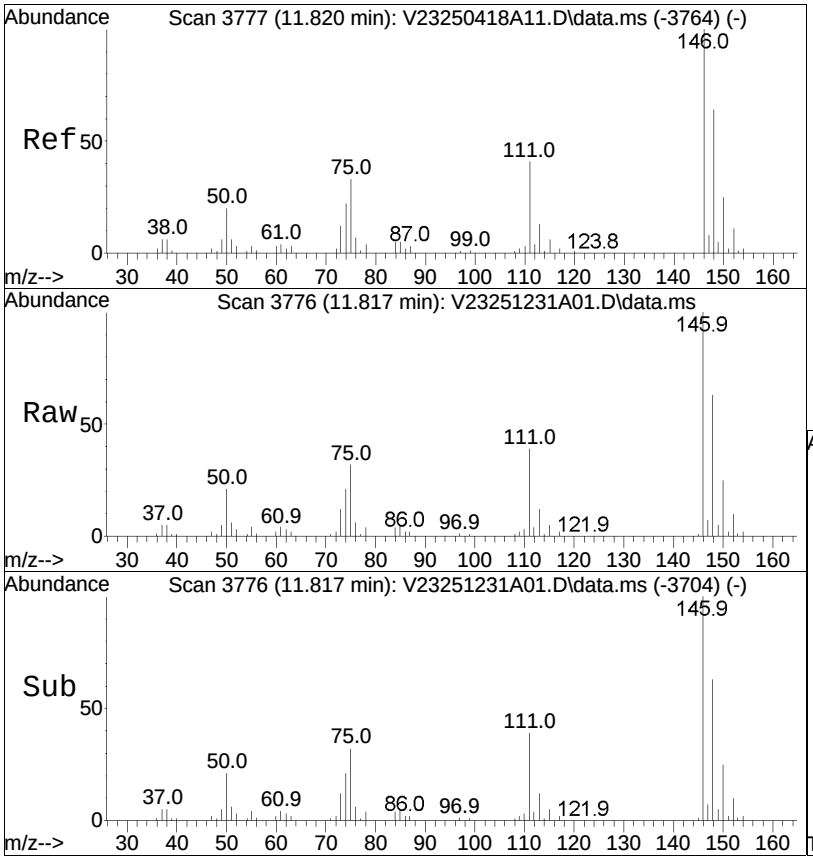


#100
1,3-Dichlorobenzene
Concen: 38.64 ug/L
RT: 11.722 min Scan# 3742
Delta R.T. 0.000 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion:146 Resp: 166846

Ion	Ratio	Lower	Upper
146	100		
111	39.7	26.0	54.0
148	64.6	41.4	86.0

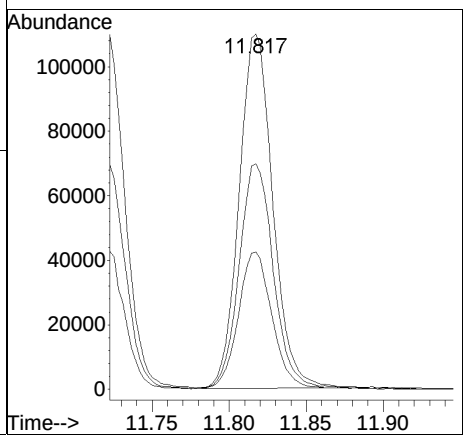


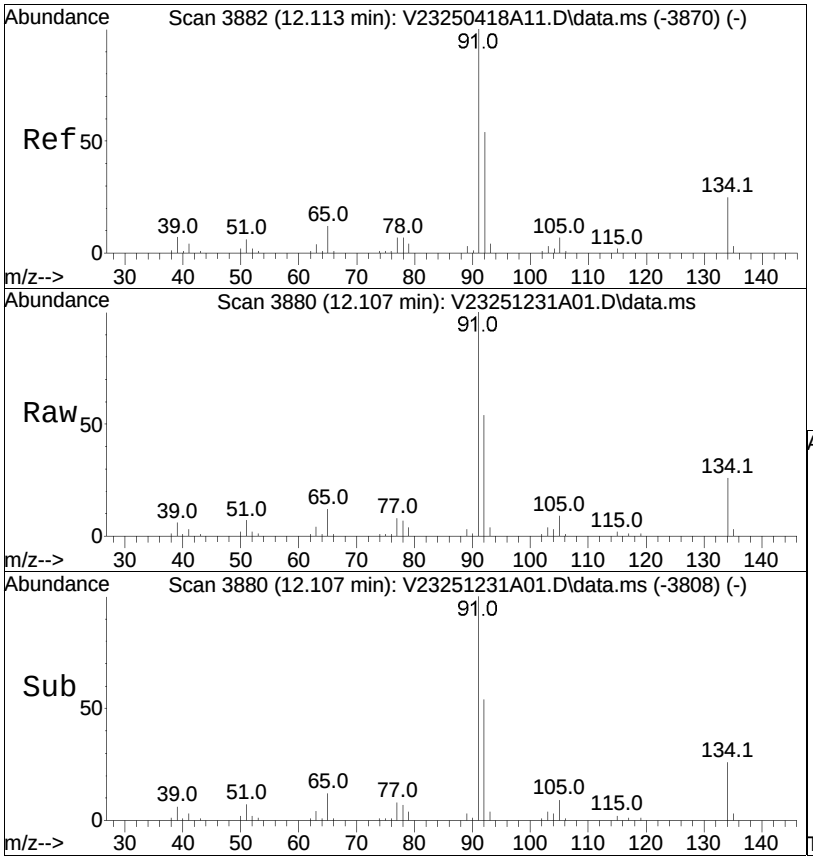


#101
1,4-Dichlorobenzene
Concen: 37.88 ug/L
RT: 11.817 min Scan# 3776
Delta R.T. 0.000 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion:146 Resp: 167578

Ion	Ratio	Lower	Upper
146	100		
111	38.5	31.1	46.7
148	64.2	50.8	76.2

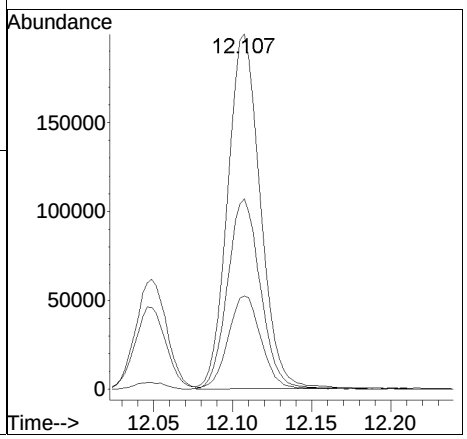


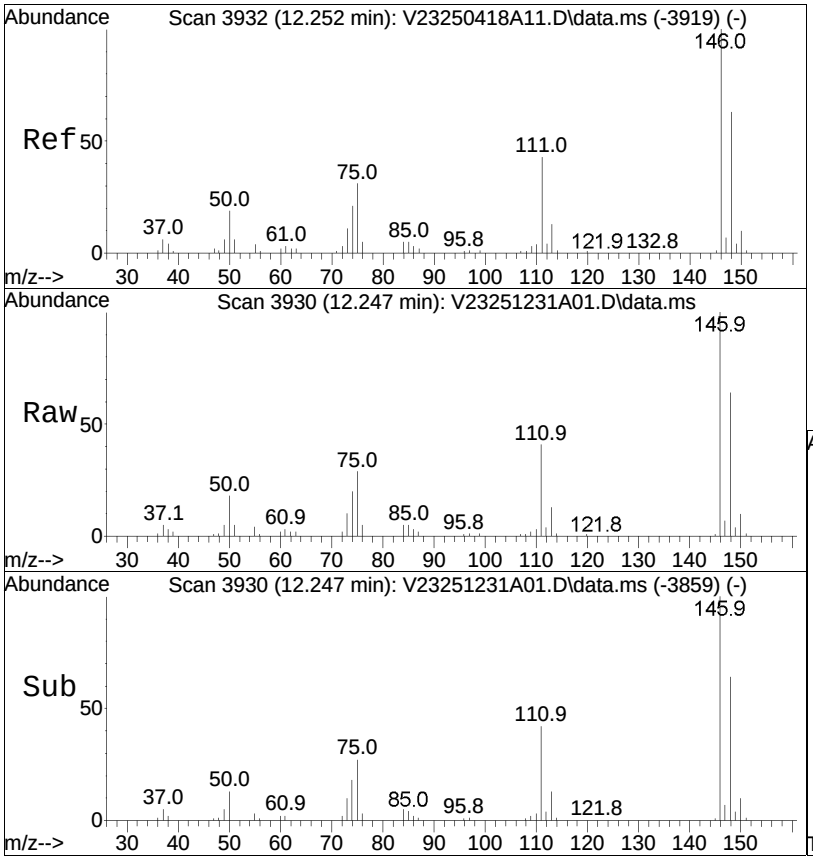


#103
n-Butylbenzene
Concen: 39.59 ug/L
RT: 12.107 min Scan# 3880
Delta R.T. 0.000 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion: 91 Resp: 286866

Ion	Ratio	Lower	Upper
91	100		
92	54.2	44.2	66.4
134	26.4	21.2	31.8

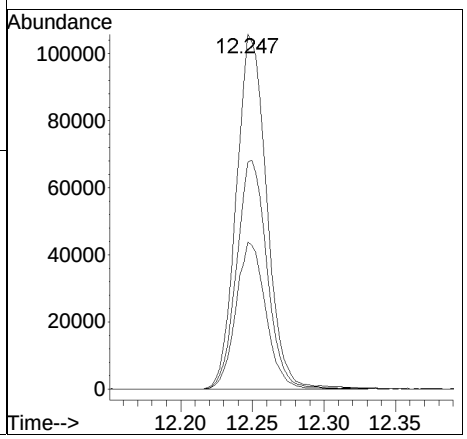


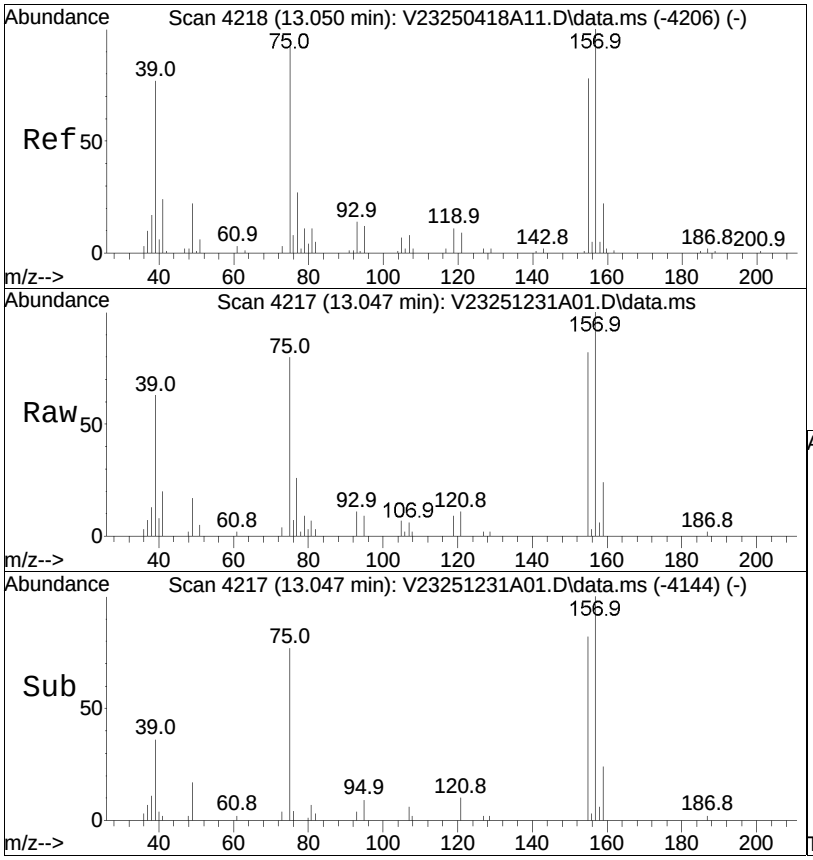


#104
1,2-Dichlorobenzene
Concen: 38.78 ug/L
RT: 12.247 min Scan# 3930
Delta R.T. -0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion:146 Resp: 156965

Ion	Ratio	Lower	Upper
146	100		
111	40.9	26.8	55.8
148	64.3	41.3	85.7

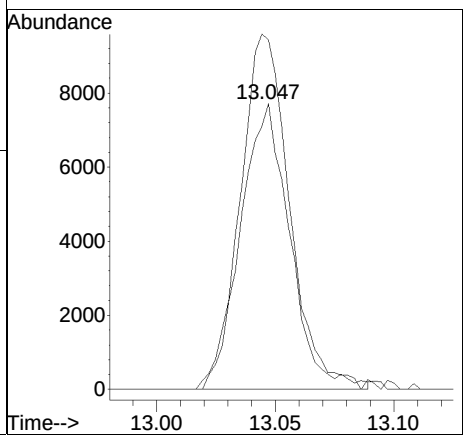


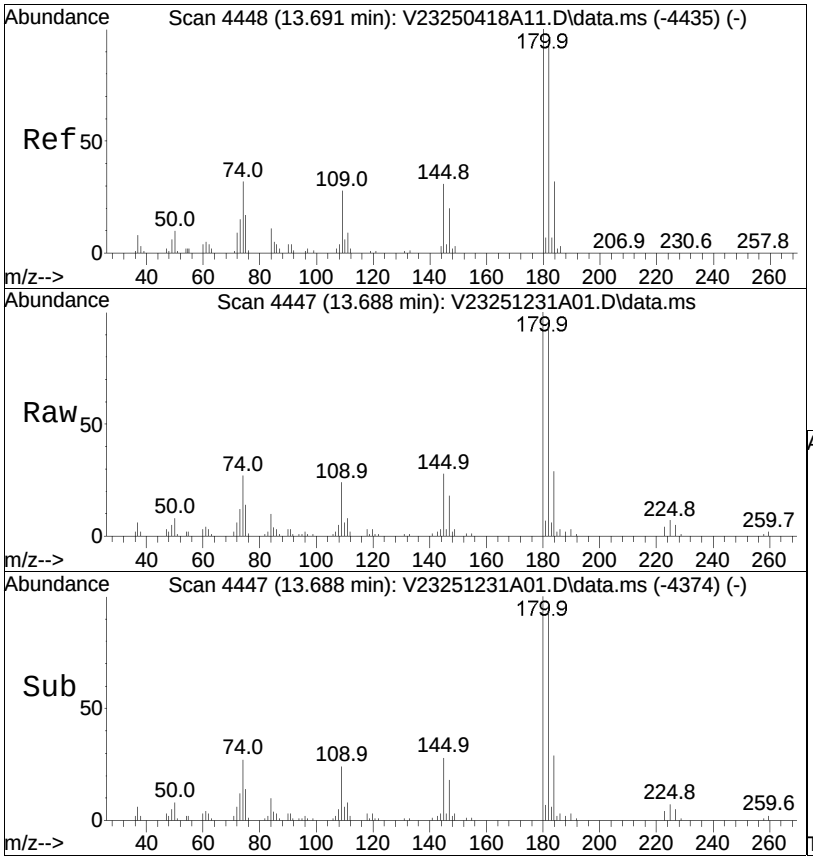


#106
1,2-Dibromo-3-chloropropane
Concen: 39.01 ug/L
RT: 13.047 min Scan# 4217
Delta R.T. 0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion:155 Resp: 11130

Ion	Ratio	Lower	Upper
155	100		
157	124.9	101.5	152.3

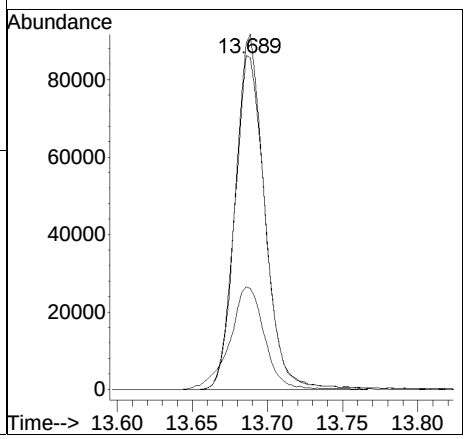


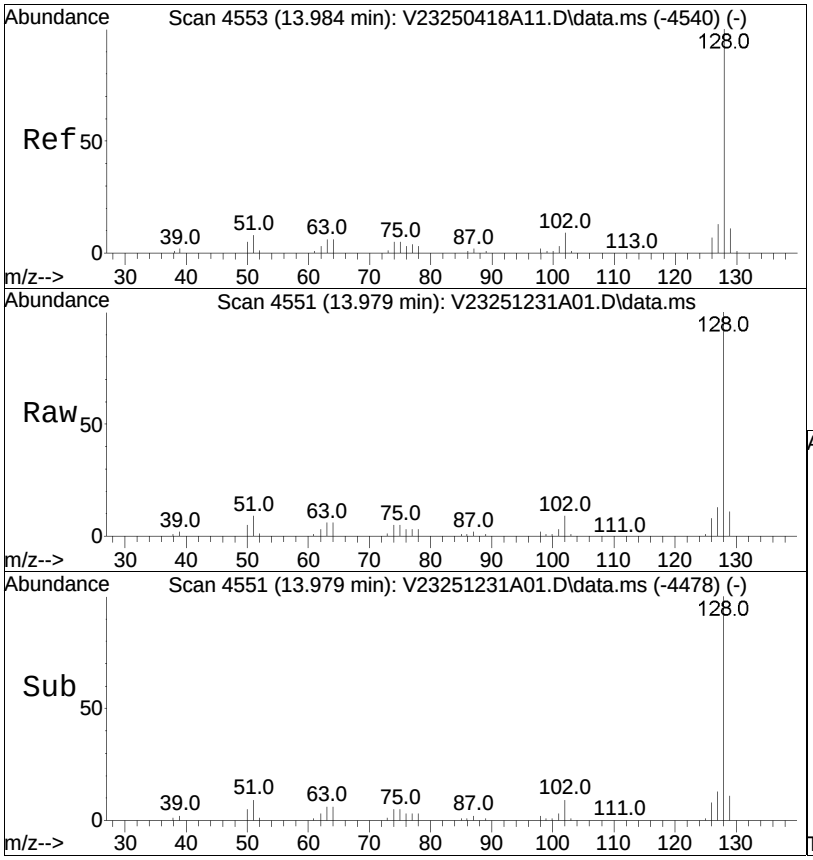


#109
1,2,4-Trichlorobenzene
Concen: 42.83 ug/L
RT: 13.688 min Scan# 4447
Delta R.T. 0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

Tgt Ion:180 Resp: 124955

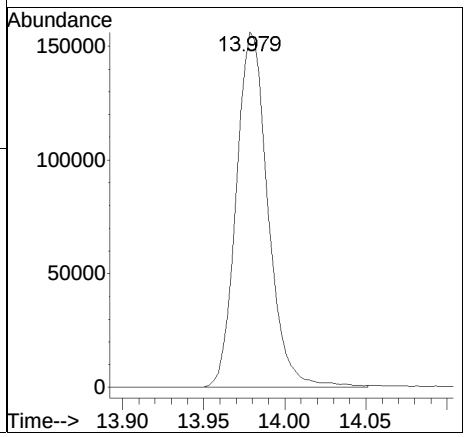
Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.2	114.4
145	33.8	27.4	41.2





#110
Naphthalene
Concen: 38.18 ug/L
RT: 13.979 min Scan# 4551
Delta R.T. 0.003 min
Lab File: V23251231A01.D
Acq: 31 Dec 2025 06:52 am

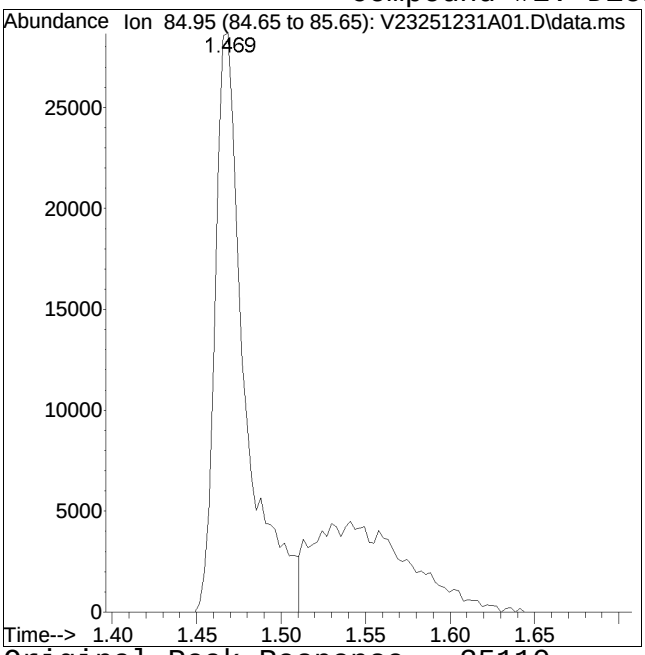
Tgt Ion:128 Resp: 213444



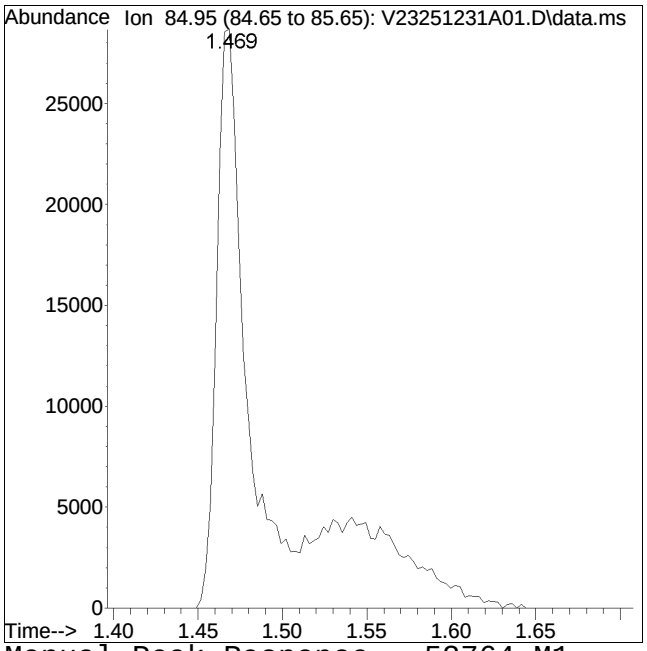
Manual Integration Report

Data Path : K:\VOA123\2025\251231A\ QMethod : V123_251103N_8260.m
Data File : V23251231A01.D Operator : VOA123:MJV
Date Inj'd : 12/31/2025 6:52 am Instrument : VOA123
Sample : WG2160756-3,31H,15,15,0.10 Quant Date : 12/31/2025 7:41 am

Compound #2: Dichlorodifluoromethane



Original Peak Response = 35110



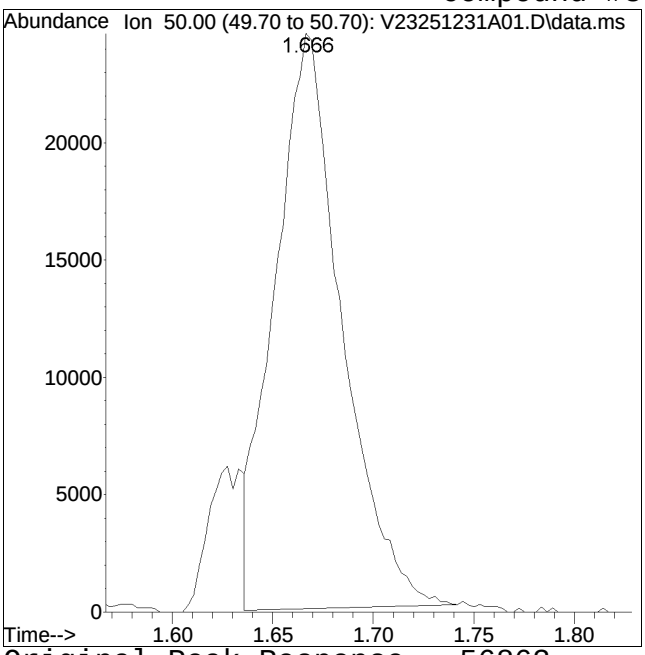
Manual Peak Response = 52764 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

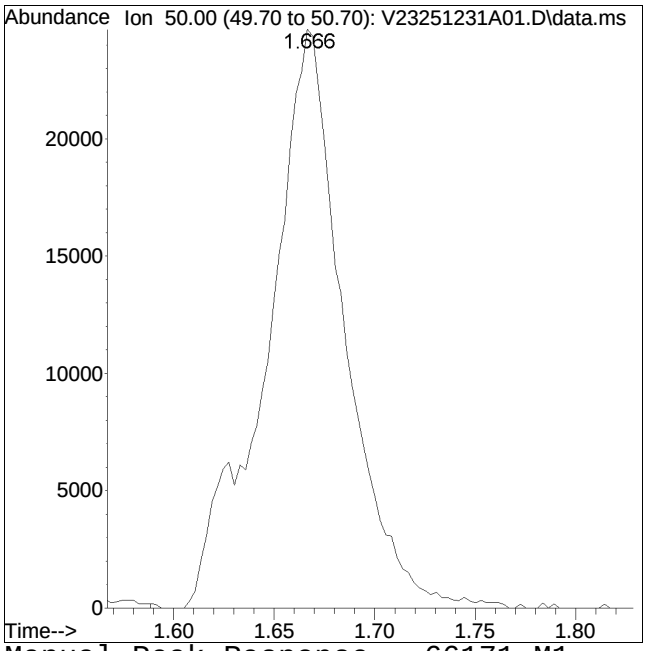
Manual Integration Report

Data Path : K:\VOA123\2025\251231A\ QMethod : V123_251103N_8260.m
Data File : V23251231A01.D Operator : VOA123:MJV
Date Inj'd : 12/31/2025 6:52 am Instrument : VOA123
Sample : WG2160756-3,31H,15,15,0.10Quant Date : 12/31/2025 7:41 am

Compound #3: Chloromethane



Original Peak Response = 56863



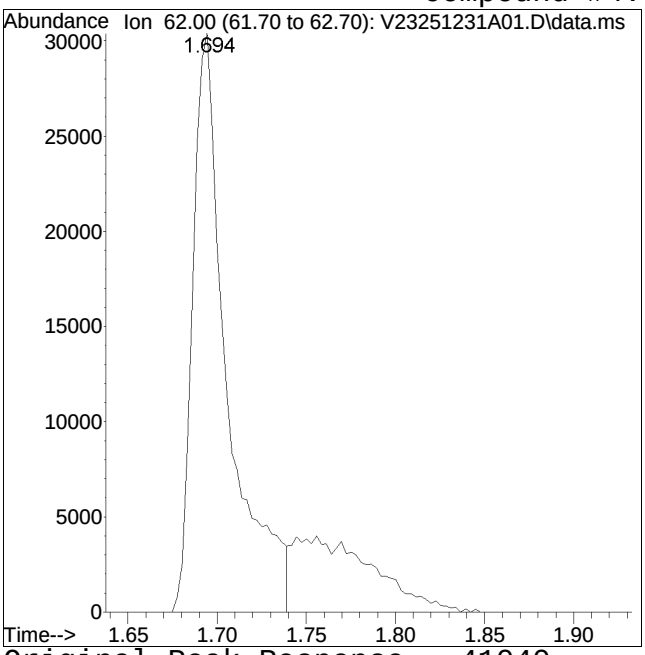
Manual Peak Response = 66171 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

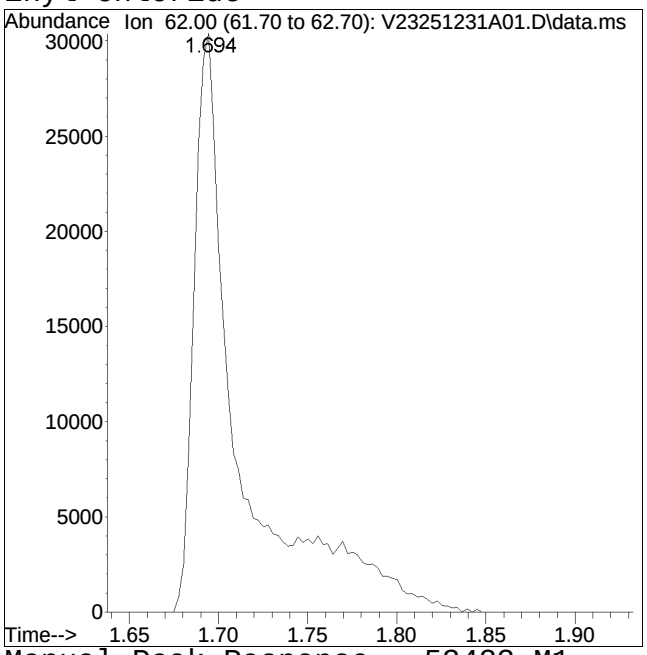
Manual Integration Report

Data Path : K:\VOA123\2025\251231A\ QMethod : V123_251103N_8260.m
Data File : V23251231A01.D Operator : VOA123:MJV
Date Inj'd : 12/31/2025 6:52 am Instrument : VOA123
Sample : WG2160756-3,31H,15,15,0.10 Quant Date : 12/31/2025 7:41 am

Compound #4: Vinyl chloride



Original Peak Response = 41040



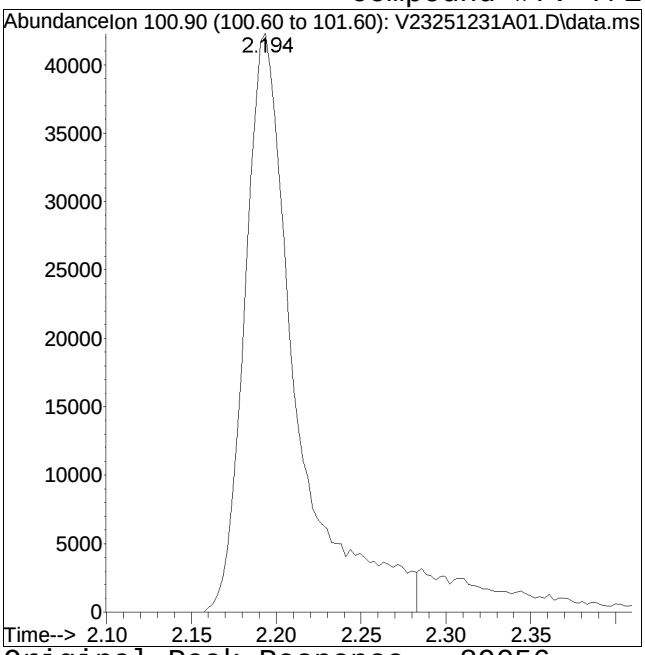
Manual Peak Response = 53423 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

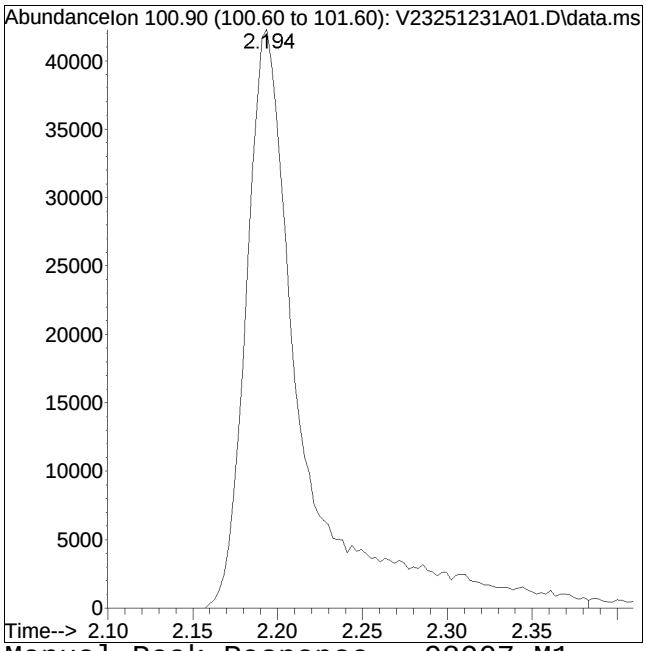
Manual Integration Report

Data Path : K:\VOA123\2025\251231A\ QMethod : V123_251103N_8260.m
Data File : V23251231A01.D Operator : VOA123:MJV
Date Inj'd : 12/31/2025 6:52 am Instrument : VOA123
Sample : WG2160756-3,31H,15,15,0.10 Quant Date : 12/31/2025 7:41 am

Compound #7: Trichlorofluoromethane



Original Peak Response = 89056



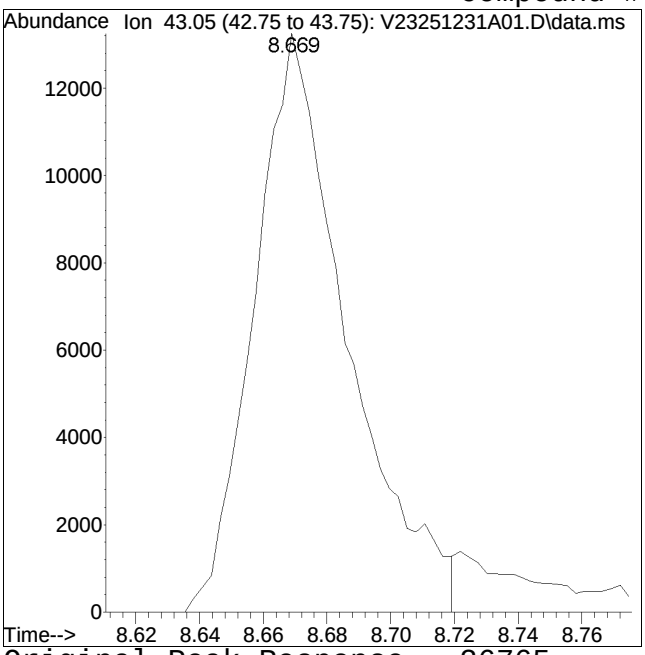
Manual Peak Response = 98907 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

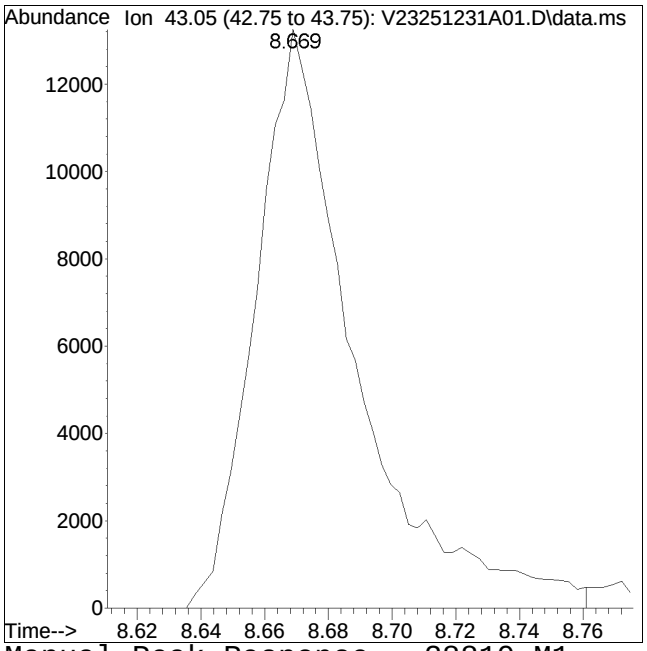
Manual Integration Report

Data Path : K:\VOA123\2025\251231A\ QMethod : V123_251103N_8260.m
Data File : V23251231A01.D Operator : VOA123:MJV
Date Inj'd : 12/31/2025 6:52 am Instrument : VOA123
Sample : WG2160756-3,31H,15,15,0.10 Quant Date : 12/31/2025 7:41 am

Compound #72: 2-Hexanone



Original Peak Response = 26765



Manual Peak Response = 28810 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A02.D
Acq On : 28 Dec 2025 04:09 pm
Operator : VOA100:RAW
Sample : WG2159676-4,31,5,5
Misc : WG2159676,ICAL22914
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 29 11:30:14 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.232	96	156739	20.000	ug/L	0.00
Standard Area 1 = 159908			Recovery = 98.02%			
60) Chlorobenzene-d5	9.792	117	139103	20.000	ug/L	0.00
Standard Area 1 = 142938			Recovery = 97.32%			
80) 1,4-Dichlorobenzene-d4	12.461	152	82408	20.000	ug/L	0.00
Standard Area 1 = 85973			Recovery = 95.85%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.404	113	44381	20.383	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.92%			
44) 1,2-Dichloroethane-d4	5.934	65	43091	19.914	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.57%			
61) Toluene-d8	7.936	98	172313	19.276	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.38%			
84) 4-Bromofluorobenzene	11.261	95	65589	19.971	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.781	85	83197	35.550	ug/L #	84
3) Chloromethane	2.007	50	103991	42.736	ug/L	97
4) Vinyl chloride	2.054	62	108316	44.886	ug/L	87
5) Bromomethane	2.379	94	69685	55.314	ug/L	100
6) Chloroethane	2.499	64	70249	46.515	ug/L	86
7) Trichlorofluoromethane	2.646	101	143465	43.183	ug/L	98
10) 1,1-Dichloroethene	3.150	96	81502	41.667	ug/L	90
11) Carbon disulfide	3.186	76	305703	38.522	ug/L	100
12) Freon-113	3.186	101	82480	42.322	ug/L	93
15) Methylene chloride	3.700	84	100523	41.501	ug/L	81
17) Acetone	3.726	43	40353	37.023	ug/L #	64
18) trans-1,2-Dichloroethene	3.863	96	94767	42.218	ug/L	97
19) Methyl acetate	3.852	43	58948	40.493	ug/L #	81
20) Methyl tert-butyl ether	3.952	73	272596	43.480	ug/L	93
23) 1,1-Dichloroethane	4.445	63	173653	43.177	ug/L	99
28) cis-1,2-Dichloroethene	4.969	96	105551	42.431	ug/L	97
32) Cyclohexane	5.184	56	161362	44.952	ug/L	92
33) Chloroform	5.231	83	183948	42.877	ug/L	97
35) Carbon tetrachloride	5.383	117	139393	41.409	ug/L	99
38) 1,1,1-Trichloroethane	5.446	97	150940	43.576	ug/L	97

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A02.D
Acq On : 28 Dec 2025 04:09 pm
Operator : VOA100:RAW
Sample : WG2159676-4,31,5,5
Misc : WG2159676,ICAL22914
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 29 11:30:14 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) 2-Butanone	5.509	43	37992	40.524	ug/L		96
42) Benzene	5.813	78	370221	44.650	ug/L		97
45) 1,2-Dichloroethane	6.007	62	130276	43.953	ug/L		99
48) Methyl cyclohexane	6.421	83	166389	44.289	ug/L		94
49) Trichloroethene	6.411	95	103697	45.299	ug/L		94
52) 1,2-Dichloropropane	6.951	63	99472	44.752	ug/L		99
55) Bromodichloromethane	7.024	83	144463	44.540	ug/L		99
59) cis-1,3-Dichloropropene	7.716	75	168841	45.405	ug/L	#	83
62) Toluene	7.994	92	241913	39.296	ug/L		95
63) 4-Methyl-2-pentanone	8.408	58	30351	38.825	ug/L	#	51
64) Tetrachloroethene	8.456	166	115482	38.877	ug/L		93
66) trans-1,3-Dichloropropene	8.466	75	152182	40.490	ug/L		89
69) 1,1,2-Trichloroethane	8.655	83	70102	39.666	ug/L		99
70) Chlorodibromomethane	8.875	129	112436	39.269	ug/L		99
72) 1,2-Dibromoethane	9.158	107	85273	39.012	ug/L		97
73) 2-Hexanone	9.425	43	58773	37.207	ug/L	#	80
74) Chlorobenzene	9.813	112	277471	39.446	ug/L		98
75) Ethylbenzene	9.855	91	459850	39.428	ug/L		98
77) p/m Xylene	10.044	106	366410	80.327	ug/L		97
78) o Xylene	10.574	106	357403	79.274	ug/L		98
79) Styrene	10.637	104	610948	80.534	ug/L		97
81) Bromoform	10.652	173	76683	36.745	ug/L		99
83) Isopropylbenzene	10.951	105	477302	39.434	ug/L		99
86) n-Propylbenzene	11.423	91	551885	40.042	ug/L		96
88) 1,1,2,2-Tetrachloroethane	11.486	83	109195	38.258	ug/L		98
91) 1,3,5-Trimethylbenzene	11.643	105	409939	39.998	ug/L		98
95) tert-Butylbenzene	11.984	119	345948	38.862	ug/L		96
98) 1,2,4-Trimethylbenzene	12.057	105	406424	40.081	ug/L		99
99) sec-Butylbenzene	12.173	105	528966	39.998	ug/L		100
100) p-Isopropyltoluene	12.325	119	459230	40.218	ug/L		99
101) 1,3-Dichlorobenzene	12.383	146	248881	39.514	ug/L		98
102) 1,4-Dichlorobenzene	12.477	146	252447	39.514	ug/L		98
104) n-Butylbenzene	12.750	91	421383	41.469	ug/L		98
105) 1,2-Dichlorobenzene	12.896	146	233270	39.309	ug/L		97
107) 1,2-Dibromo-3-chloropr...	13.667	155	20909	35.897	ug/L		92
110) 1,2,4-Trichlorobenzene	14.307	180	178116	39.941	ug/L		98
111) Naphthalene	14.595	128	343389	37.996	ug/L		100

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

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A02.D
Acq On : 28 Dec 2025 04:09 pm
Operator : VOA100:RAW
Sample : WG2159676-4,31,5,5
Misc : WG2159676,ICAL22914
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 29 11:30:14 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

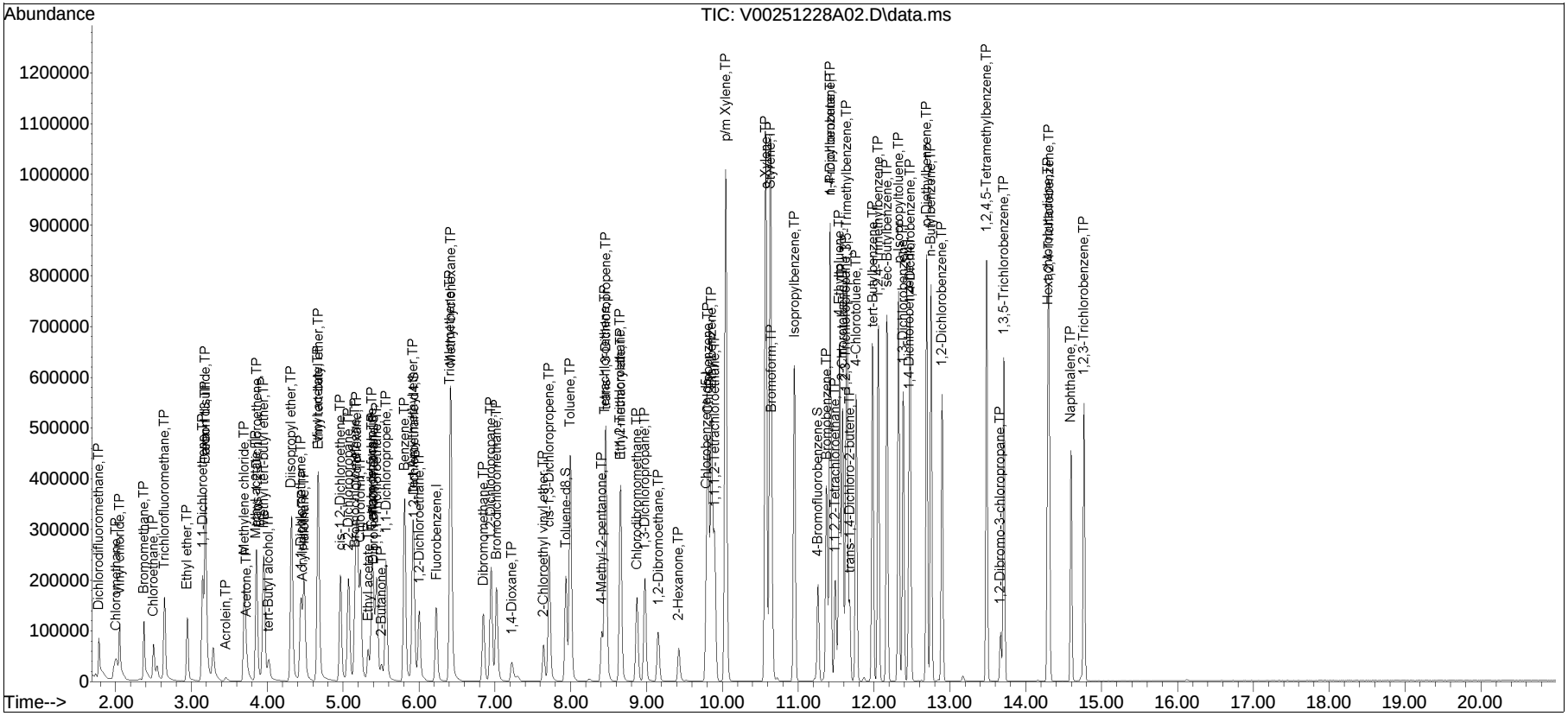
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

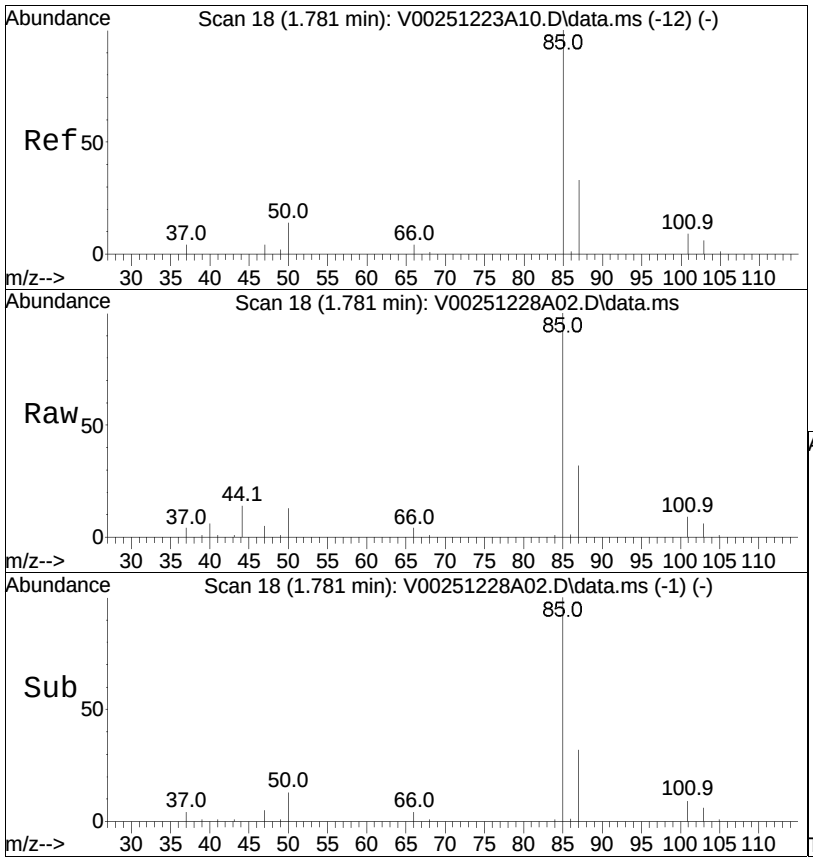
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A02.D
Acq On : 28 Dec 2025 04:09 pm
Operator : VOA100:RAW
Sample : WG2159676-4,31,5,5
Misc : WG2159676,ICAL22914
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 29 11:30:14 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox28A01.D•

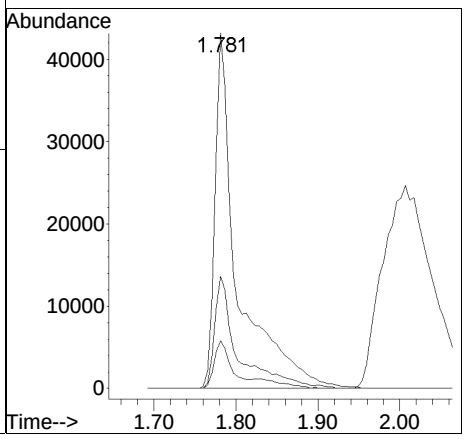


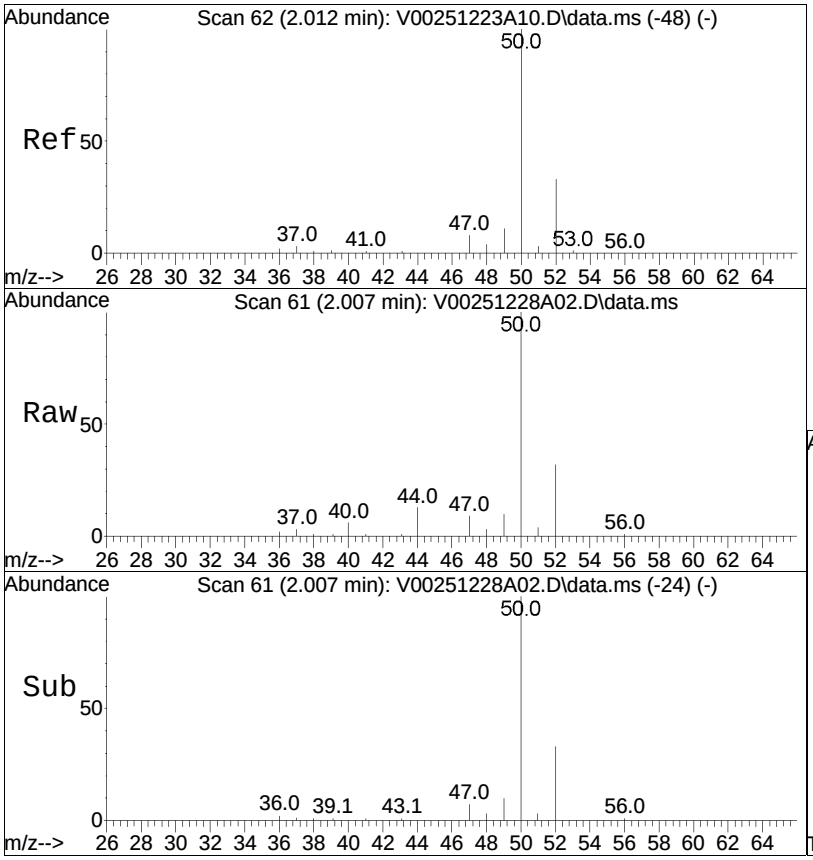


#2
Dichlorodifluoromethane
Concen: 35.55 ug/L
RT: 1.781 min Scan# 18
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 85 Resp: 83197

Ion	Ratio	Lower	Upper
85	100		
87	32.5	14.6	30.2#
50	10.3	6.1	12.7

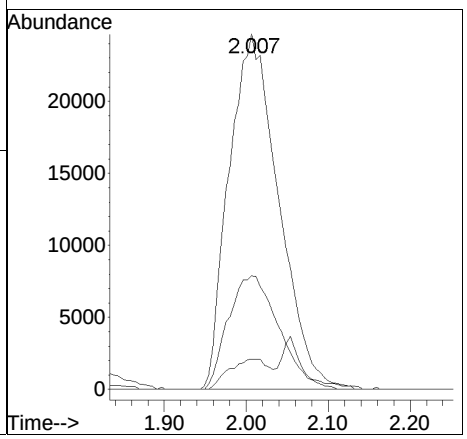


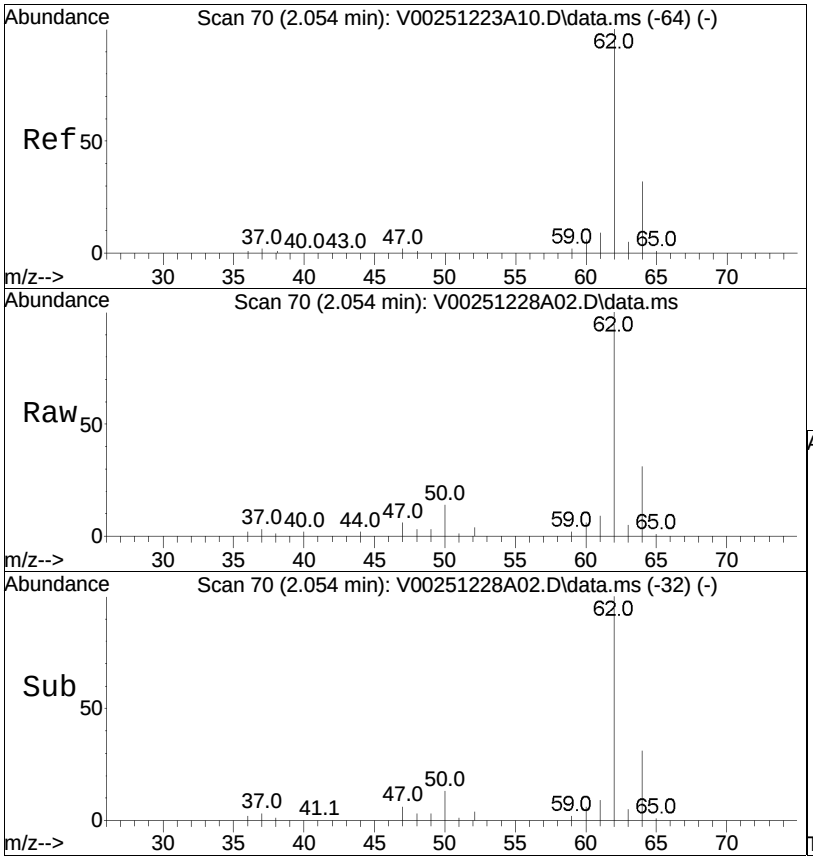


#3
Chloromethane
Concen: 42.74 ug/L
RT: 2.007 min Scan# 61
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 50 Resp: 103991

Ion	Ratio	Lower	Upper
50	100		
52	32.5	14.2	54.2
47	6.8	0.0	28.0

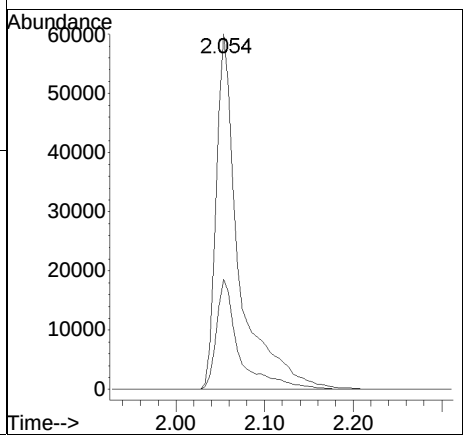


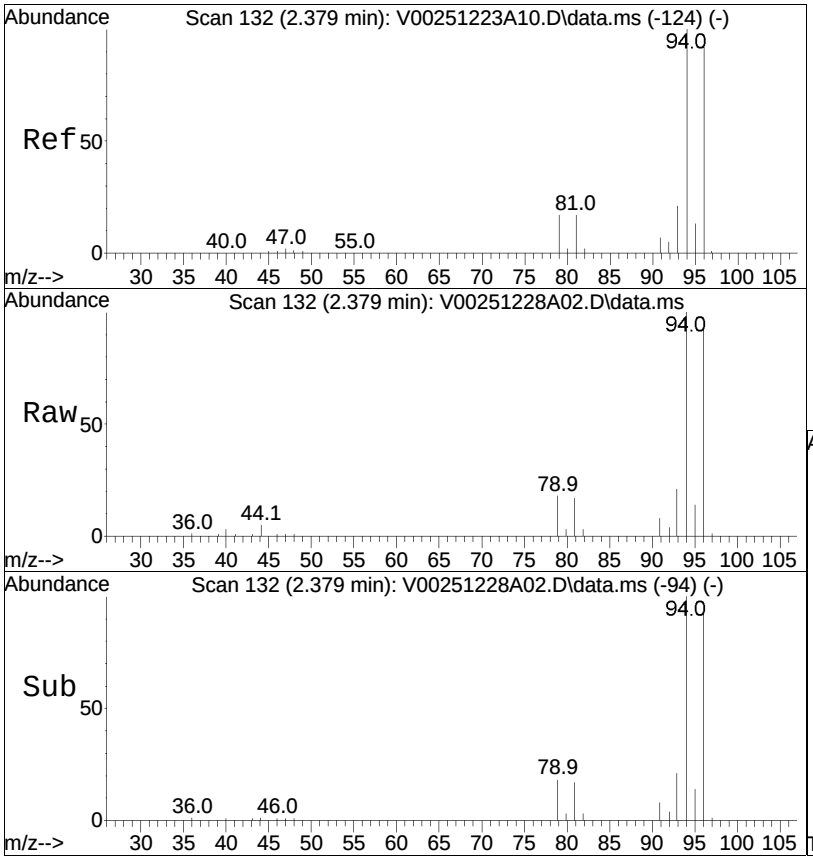


#4
Vinyl chloride
Concen: 44.89 ug/L
RT: 2.054 min Scan# 70
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 62 Resp: 108316

Ion	Ratio	Lower	Upper
62	100		
64	30.8	4.4	44.4

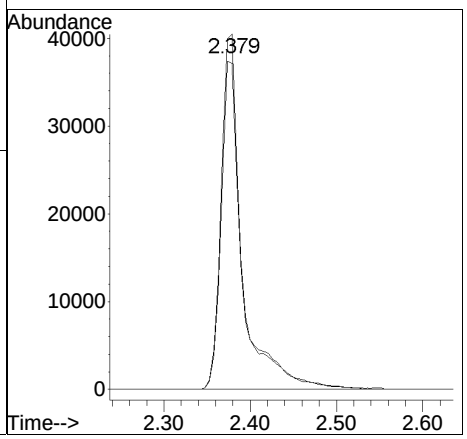


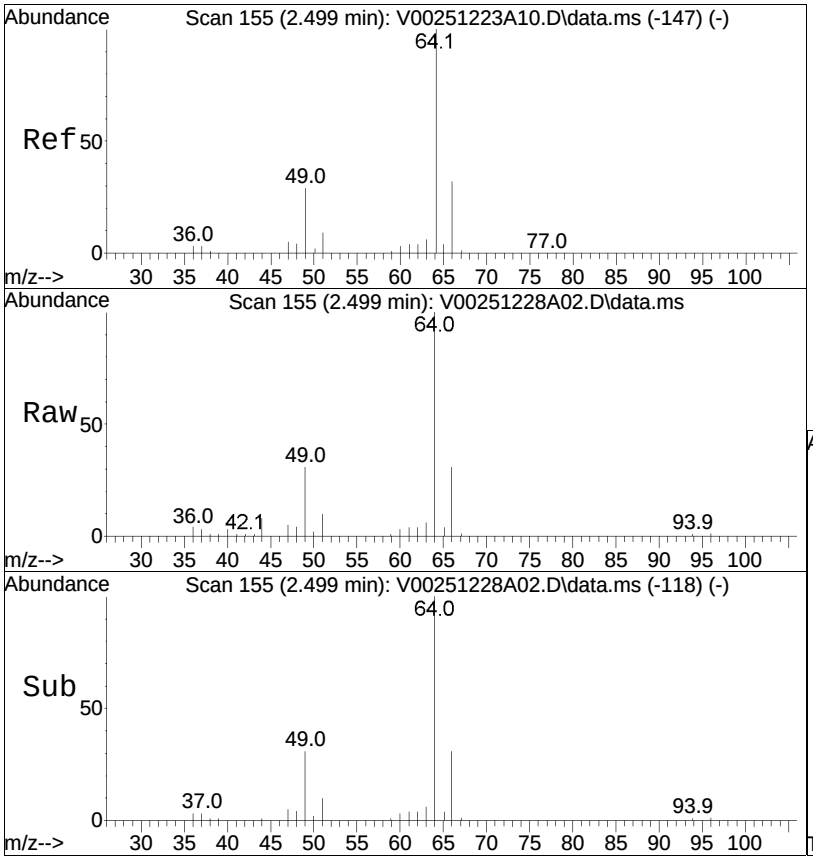


#5
Bromomethane
Concen: 55.31 ug/L
RT: 2.379 min Scan# 132
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 94 Resp: 69685

Ion	Ratio	Lower	Upper
94	100		
96	92.8	72.4	112.4

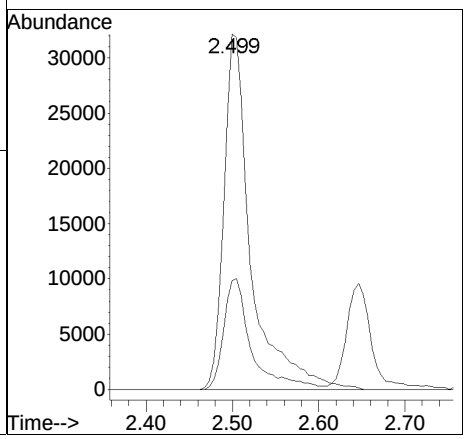


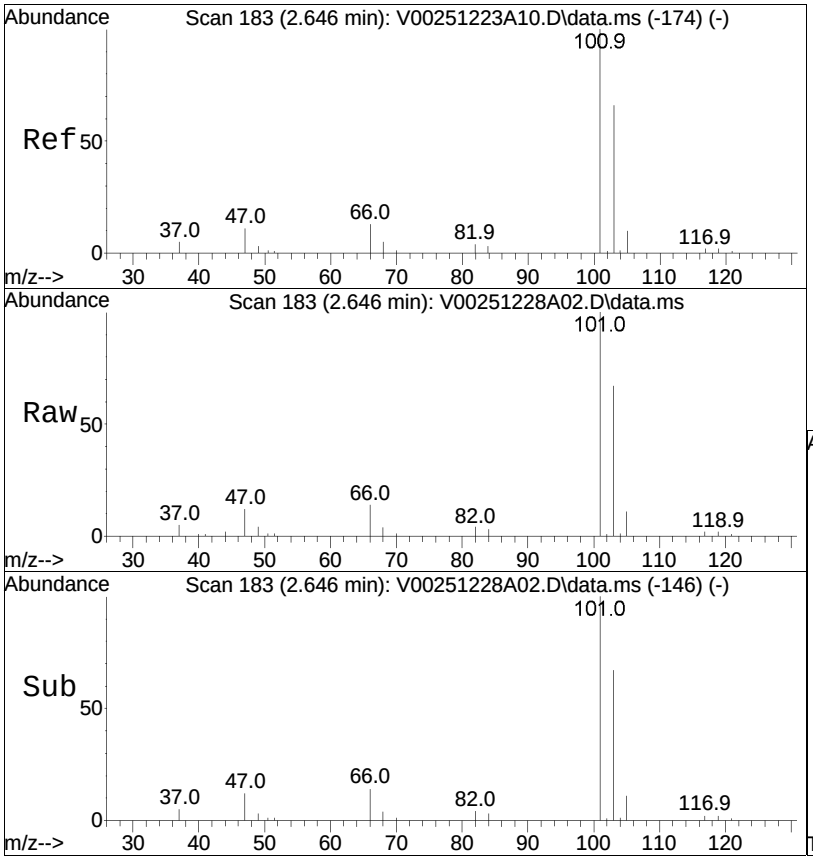


#6
Chloroethane
Concen: 46.51 ug/L
RT: 2.499 min Scan# 155
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 64 Resp: 70249

Ion	Ratio	Lower	Upper
64	100		
66	32.0	4.8	44.8

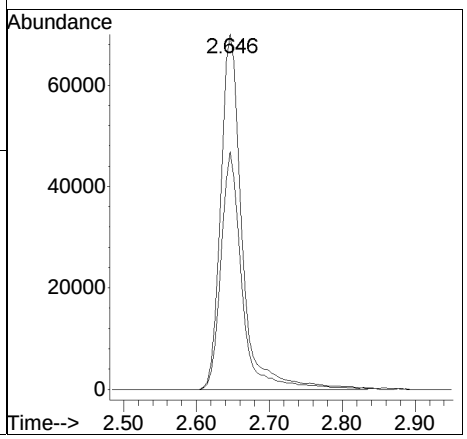


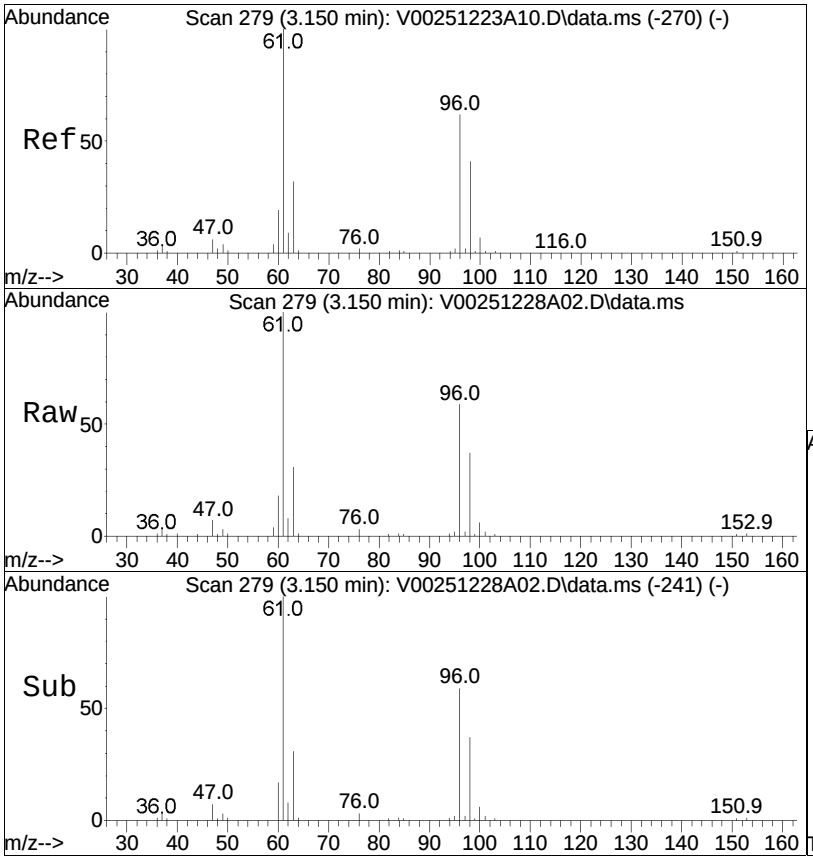


#7
Trichlorofluoromethane
Concen: 43.18 ug/L
RT: 2.646 min Scan# 183
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:101 Resp: 143465

Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.5	77.3

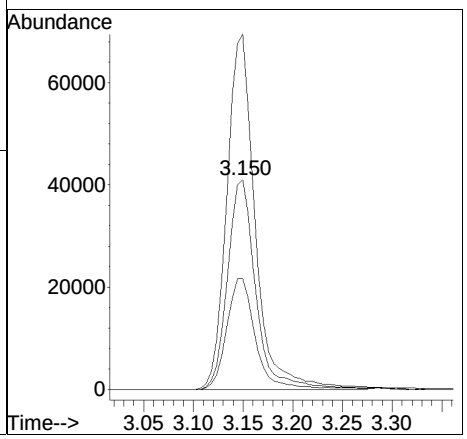


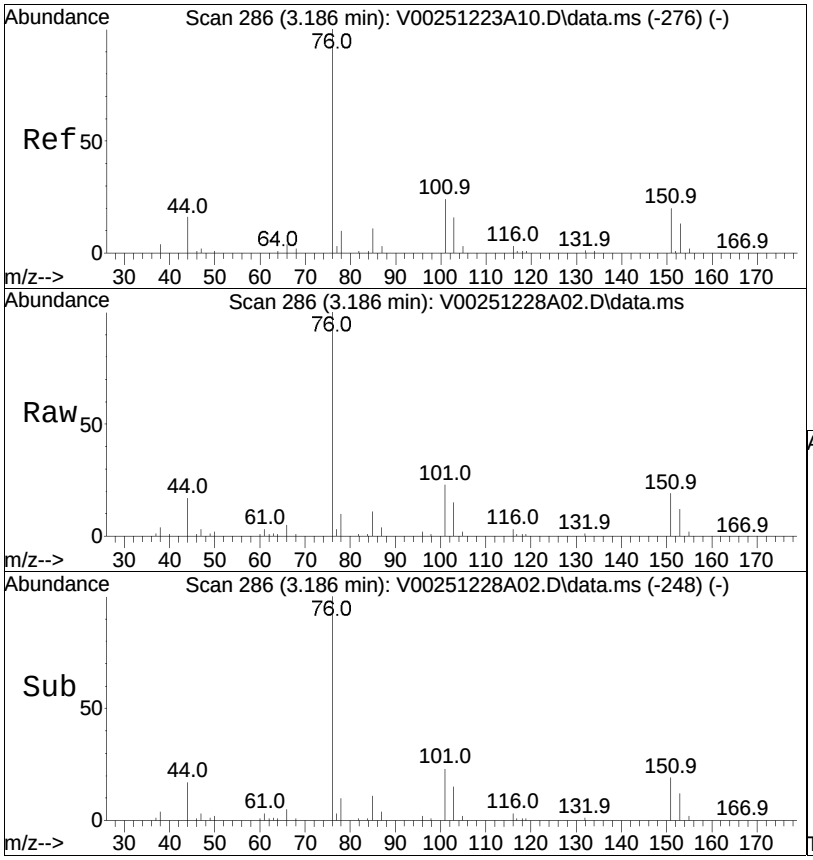


#10
1,1-Dichloroethene
Concen: 41.67 ug/L
RT: 3.150 min Scan# 279
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 96 Resp: 81502

Ion	Ratio	Lower	Upper
96	100		
61	170.5	149.4	224.2
63	53.8	47.0	70.6

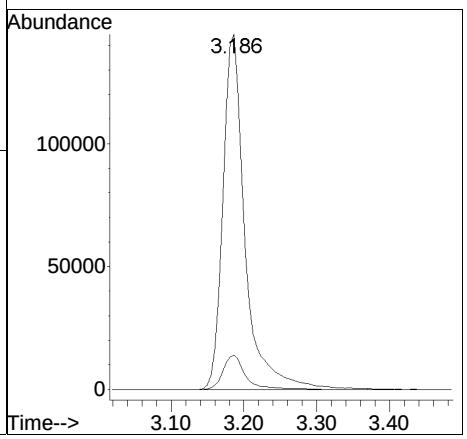


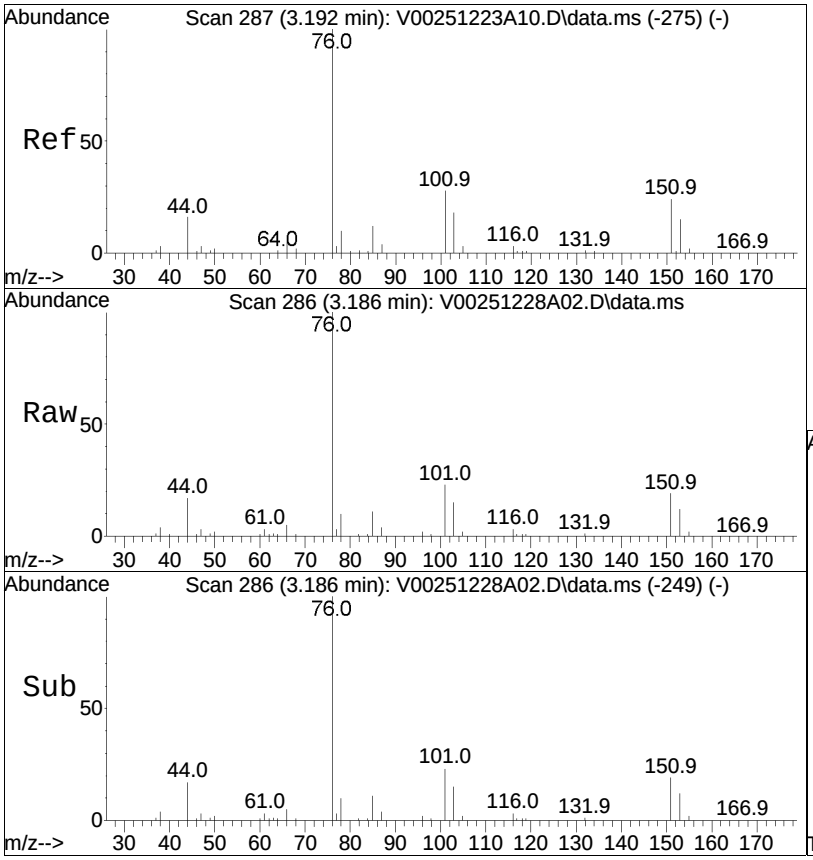


#11
Carbon disulfide
Concen: 38.52 ug/L
RT: 3.186 min Scan# 286
Delta R.T. 0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 76 Resp: 305703

Ion	Ratio	Lower	Upper
76	100		
78	9.7	6.4	13.4

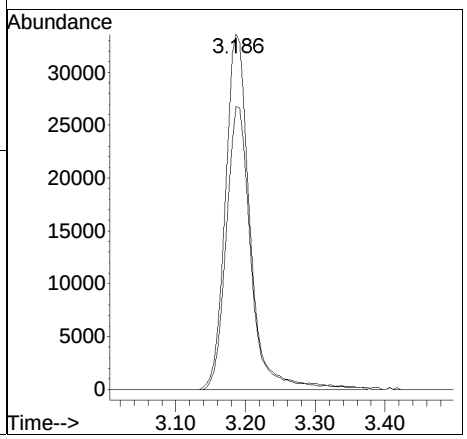


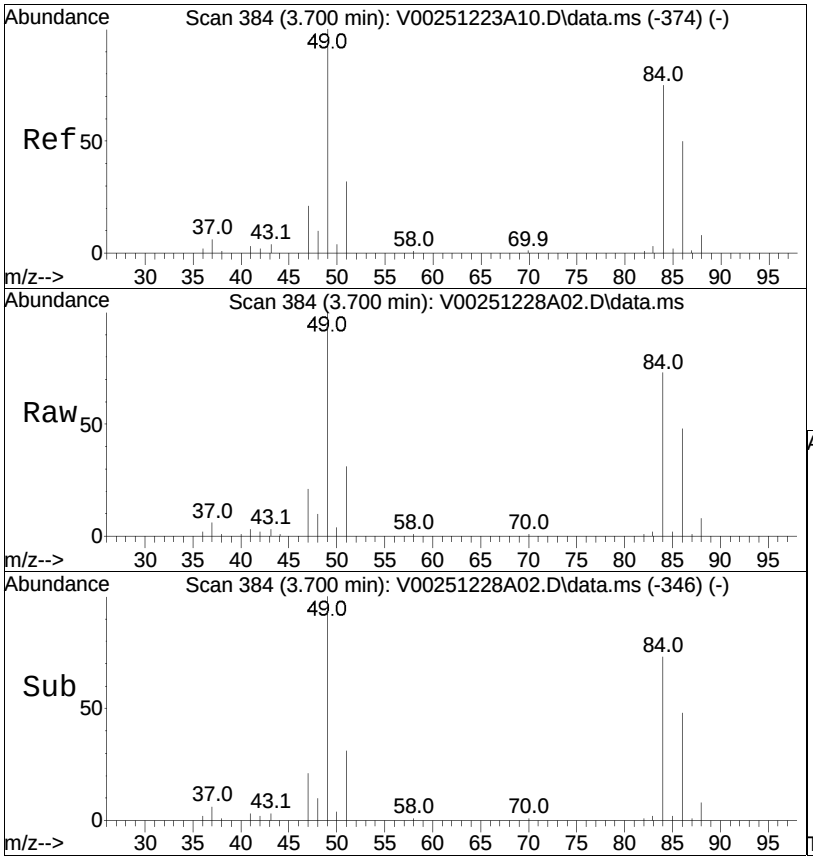


#12
Freon-113
Concen: 42.32 ug/L
RT: 3.186 min Scan# 286
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:101 Resp: 82480

Ion	Ratio	Lower	Upper
101	100		
151	79.1	58.9	88.3

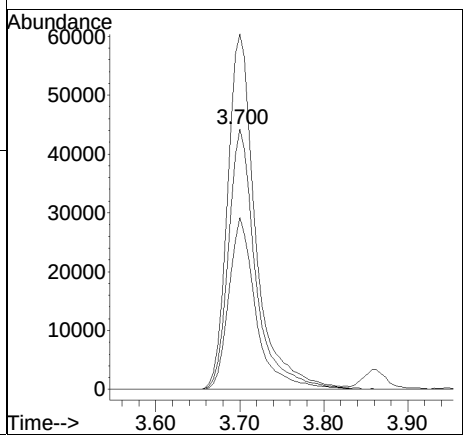


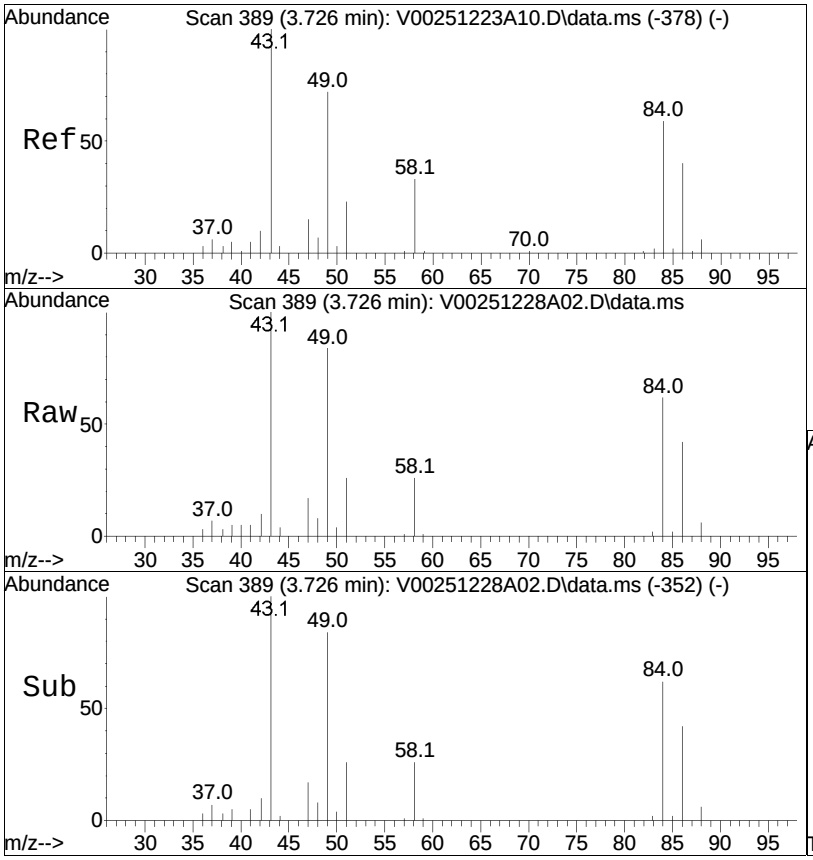


#15
Methylene chloride
Concen: 41.50 ug/L
RT: 3.700 min Scan# 384
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 84 Resp: 100523

Ion	Ratio	Lower	Upper
84	100		
86	65.7	39.6	82.2
49	139.5	72.7	150.9

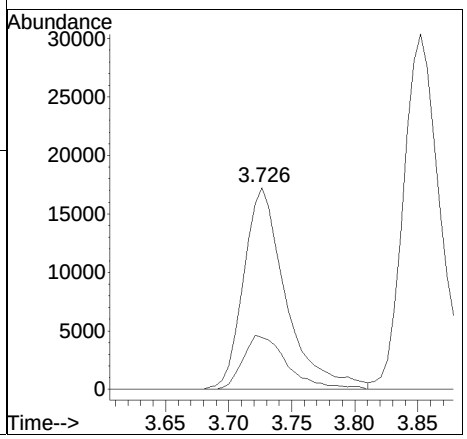


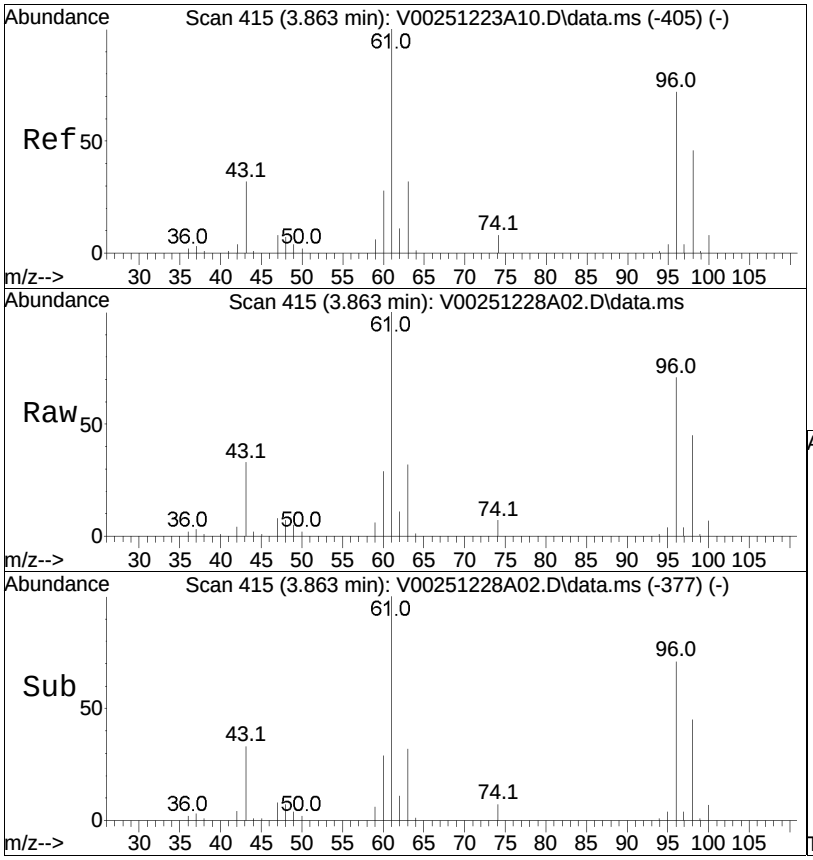


#17
Acetone
Concen: 37.02 ug/L
RT: 3.726 min Scan# 389
Delta R.T. -0.006 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 43 Resp: 40353

Ion	Ratio	Lower	Upper
43	100		
58	13.3	27.2	40.8#

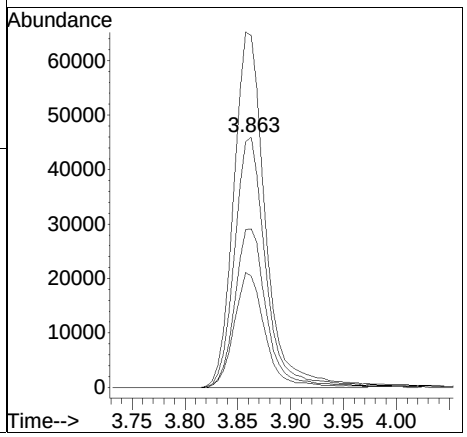


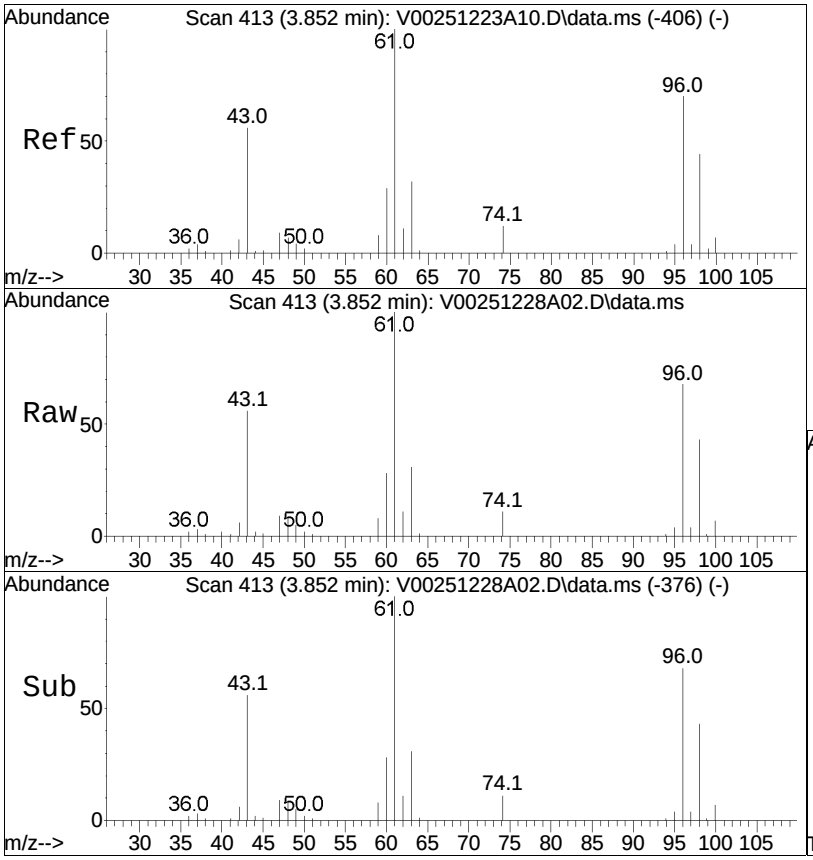


#18
trans-1,2-Dichloroethene
Concen: 42.22 ug/L
RT: 3.863 min Scan# 415
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 96 Resp: 94767

Ion	Ratio	Lower	Upper
96	100		
61	144.2	96.5	200.5
98	64.9	40.6	84.2
63	44.8	30.2	62.8

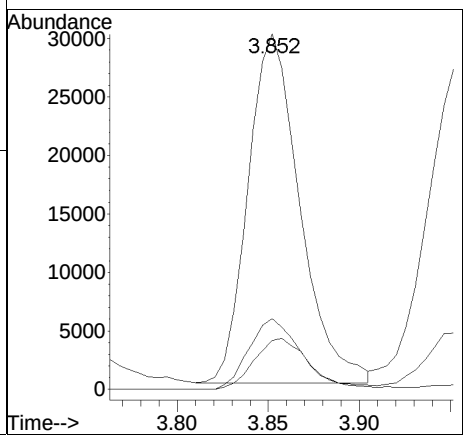


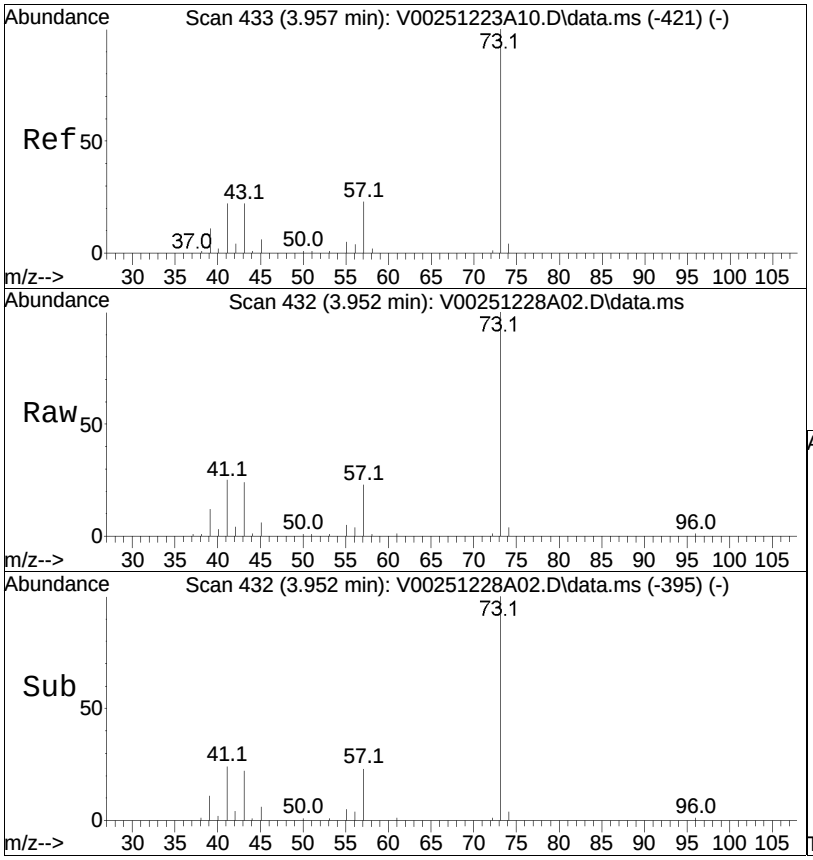


#19
Methyl acetate
Concen: 40.49 ug/L
RT: 3.852 min Scan# 413
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 43 Resp: 58948

Ion	Ratio	Lower	Upper
43	100		
74	20.9	22.7	34.1#
59	15.5	22.9	34.3#

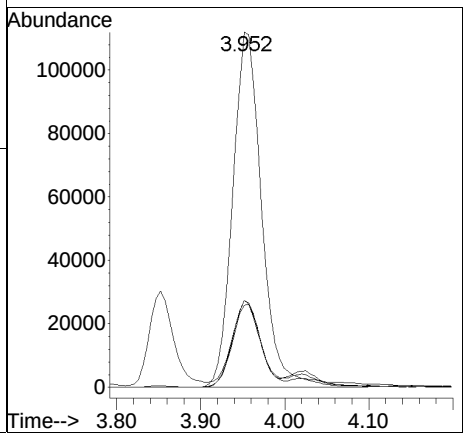


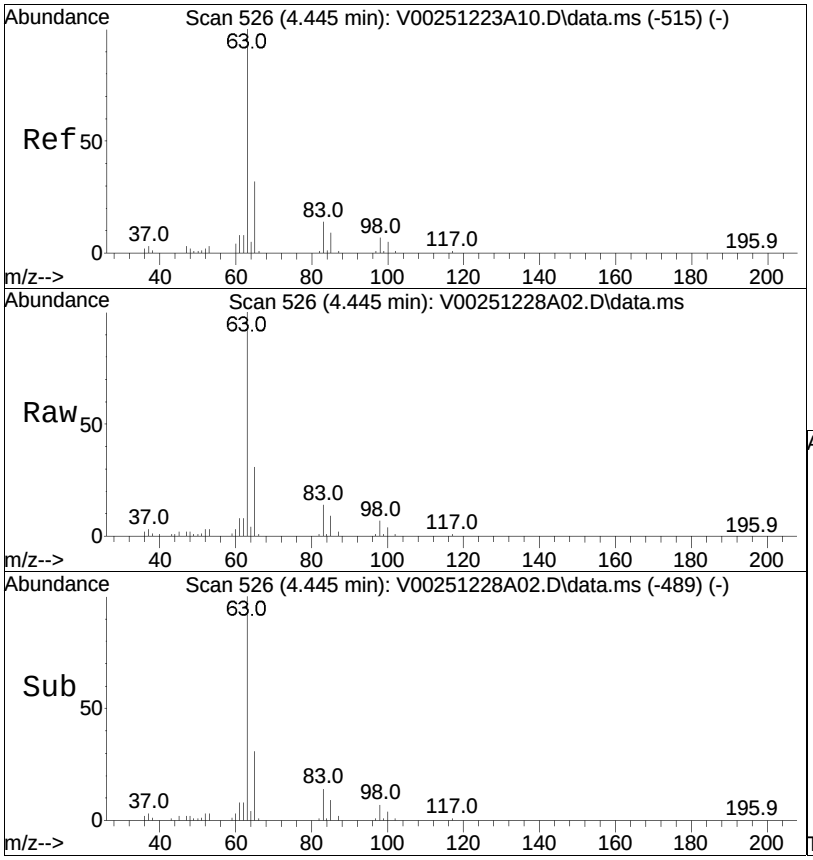


#20
Methyl tert-butyl ether
Concen: 43.48 ug/L
RT: 3.952 min Scan# 432
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 73 Resp: 272596

Ion	Ratio	Lower	Upper
73	100		
57	22.5	14.7	30.5
43	23.6	12.5	26.1
41	23.1	11.6	24.0

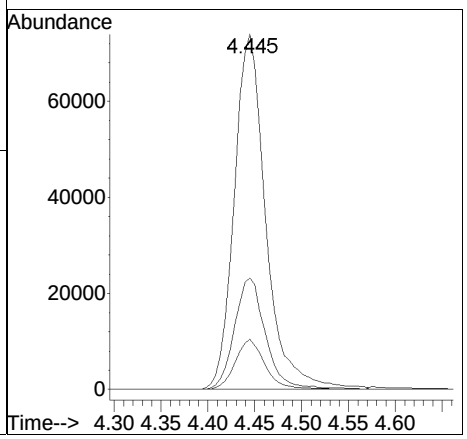


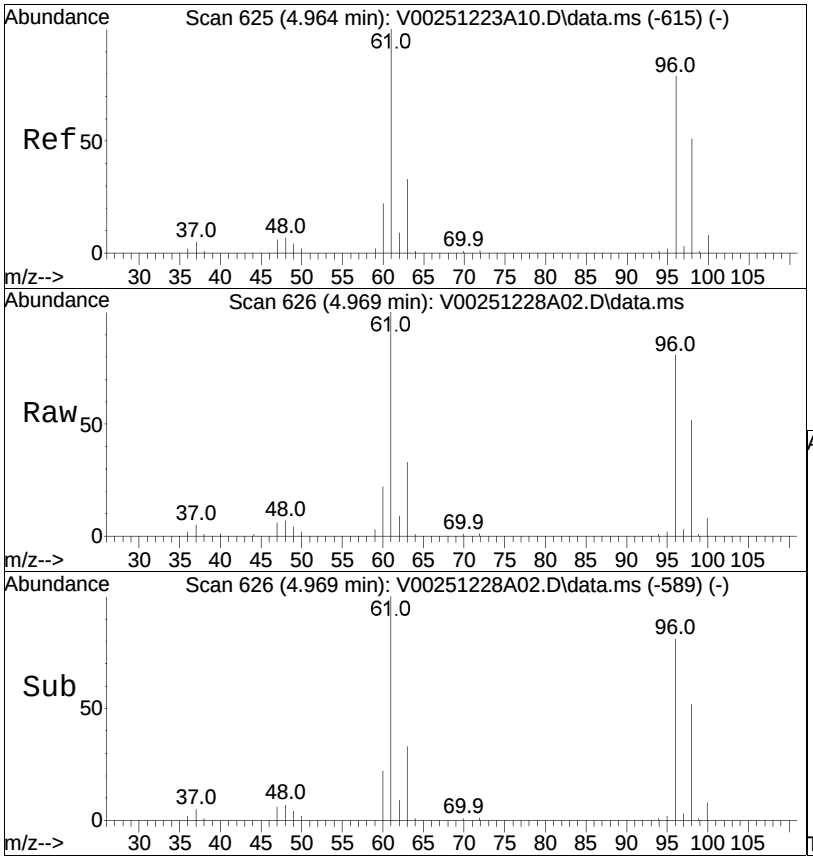


#23
1,1-Dichloroethane
Concen: 43.18 ug/L
RT: 4.445 min Scan# 526
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 63 Resp: 173653

Ion	Ratio	Lower	Upper
63	100		
65	31.0	10.4	50.4
83	13.3	0.0	32.6

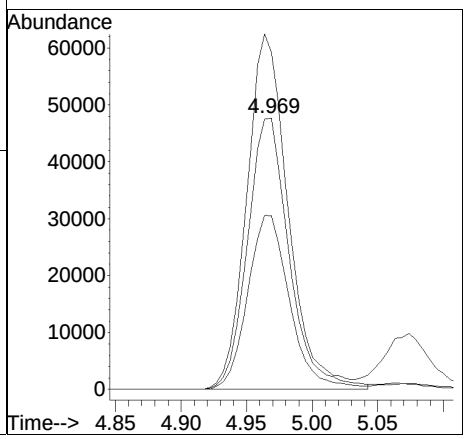


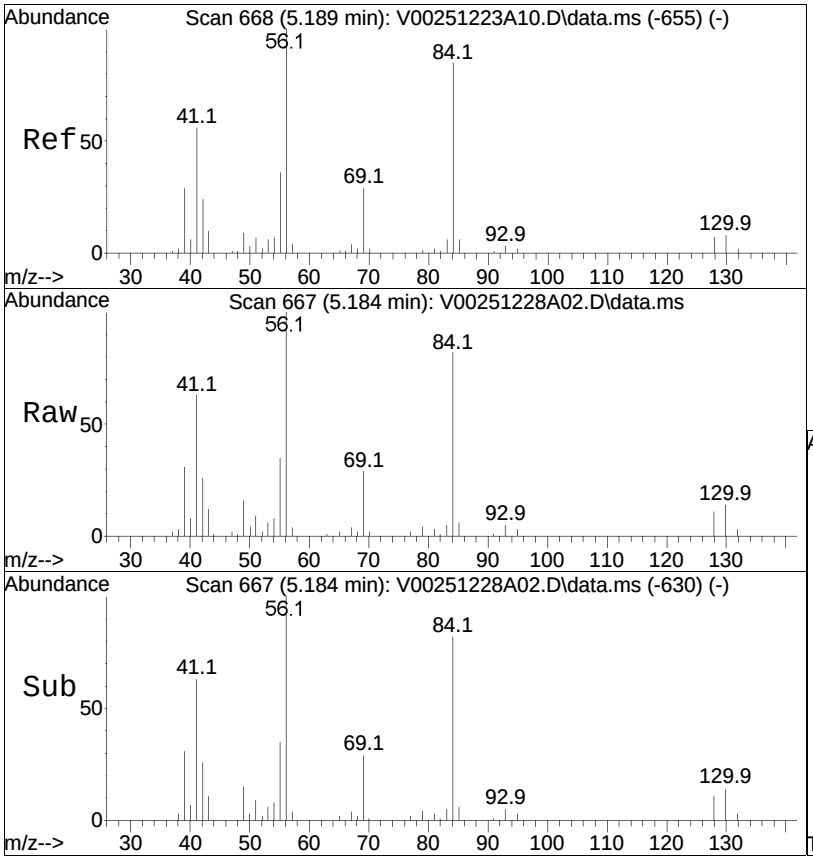


#28
cis-1,2-Dichloroethene
Concen: 42.43 ug/L
RT: 4.969 min Scan# 626
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 96 Resp: 105551

Ion	Ratio	Lower	Upper
96	100		
61	130.0	107.8	161.8
98	64.7	51.4	77.0

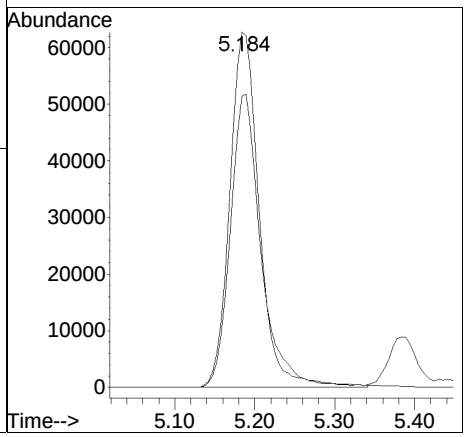


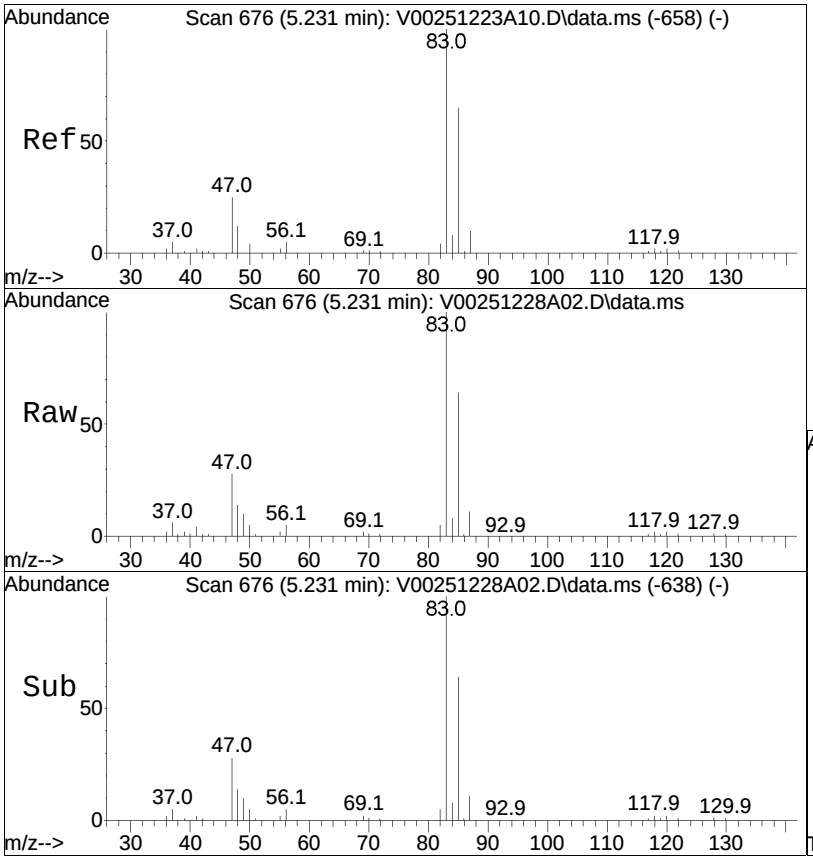


#32
Cyclohexane
Concen: 44.95 ug/L
RT: 5.184 min Scan# 667
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 56 Resp: 161362

Ion	Ratio	Lower	Upper
56	100		
84	85.5	60.3	125.1

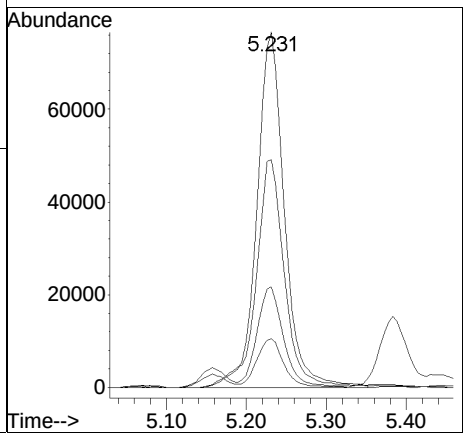


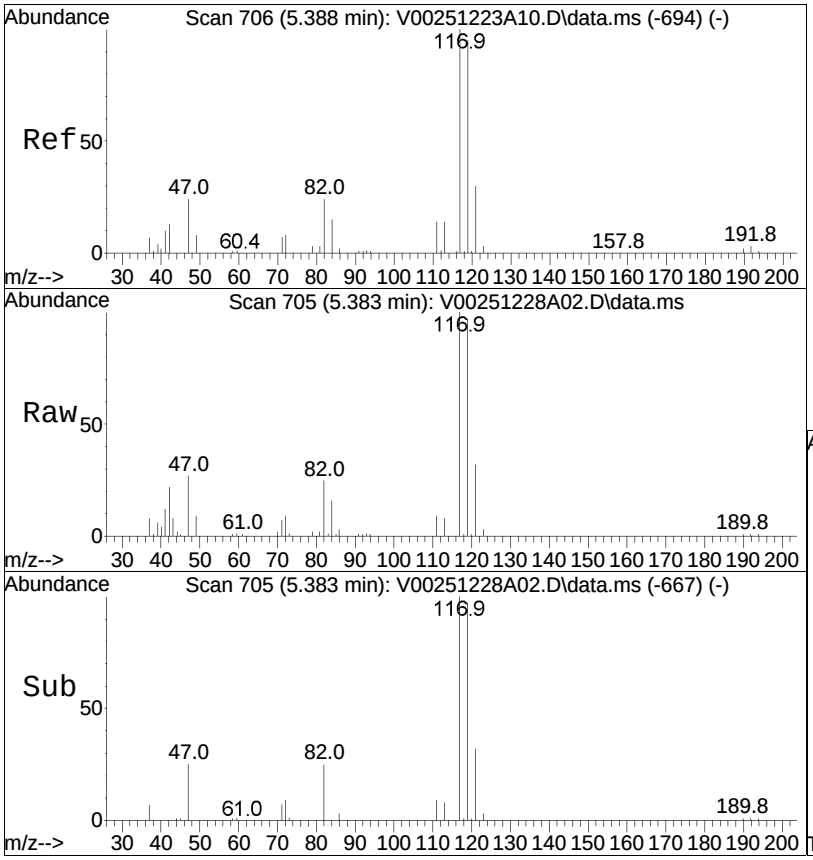


#33
Chloroform
Concen: 42.88 ug/L
RT: 5.231 min Scan# 676
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 83 Resp: 183948

Ion	Ratio	Lower	Upper
83	100		
85	66.1	43.3	89.9
47	26.0	14.4	29.8
48	13.5	7.5	15.7

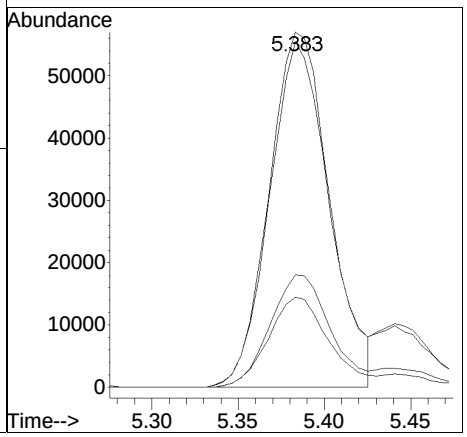


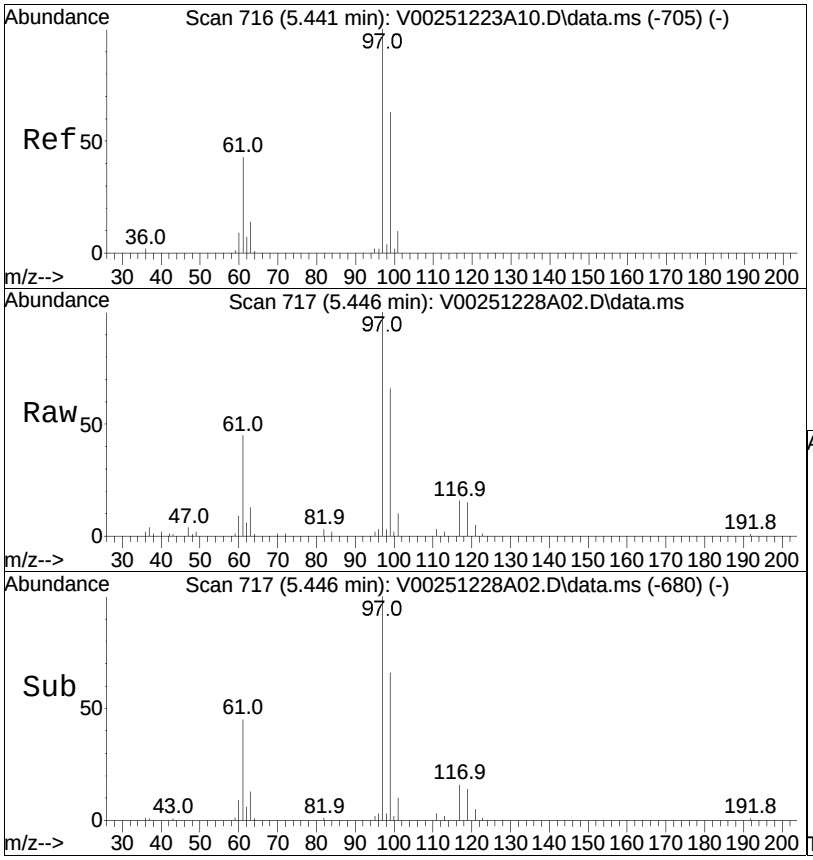


#35
Carbon tetrachloride
Concen: 41.41 ug/L
RT: 5.383 min Scan# 705
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:117 Resp: 139393

Ion	Ratio	Lower	Upper
117	100		
119	95.6	62.7	130.3
121	31.4	20.5	42.7
82	25.6	17.4	36.2

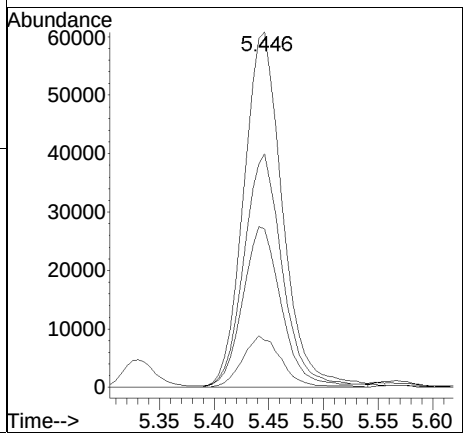


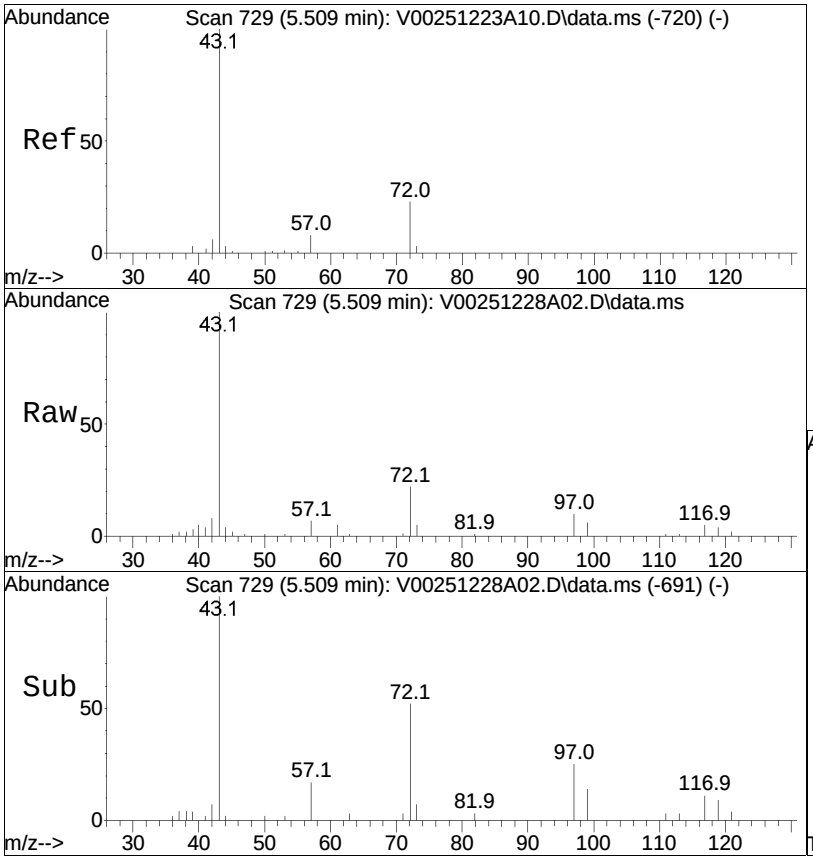


#38
1,1,1-Trichloroethane
Concen: 43.58 ug/L
RT: 5.446 min Scan# 717
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 97 Resp: 150940

Ion	Ratio	Lower	Upper
97	100		
99	66.1	41.5	86.3
61	45.1	30.6	63.6
63	14.6	9.9	20.5

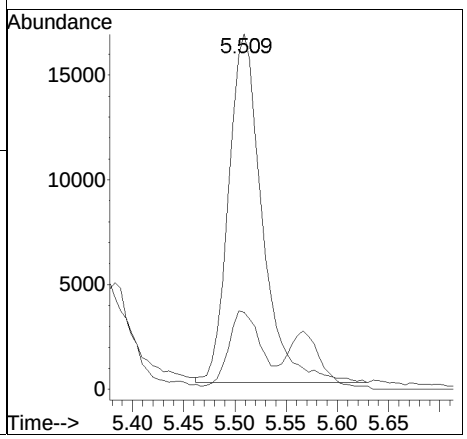


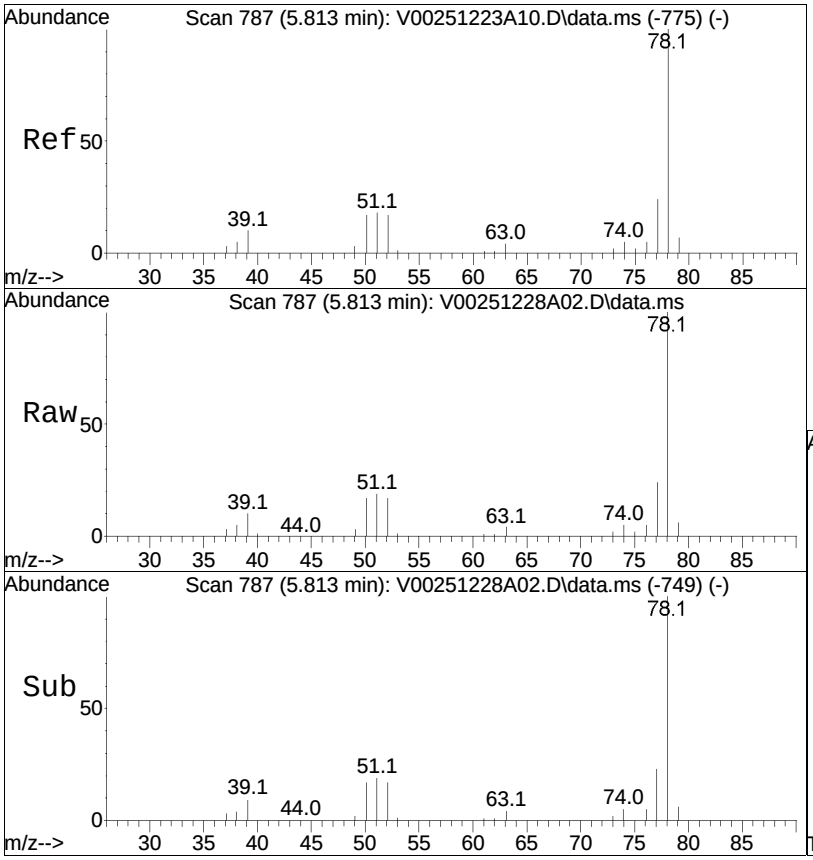


#40
2-Butanone
Concen: 40.52 ug/L
RT: 5.509 min Scan# 729
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 43 Resp: 37992

Ion	Ratio	Lower	Upper
43	100		
72	22.2	19.4	29.0

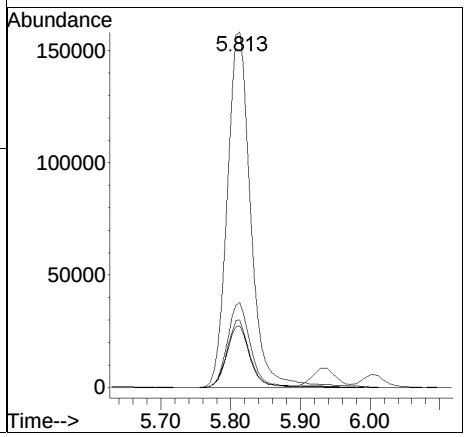


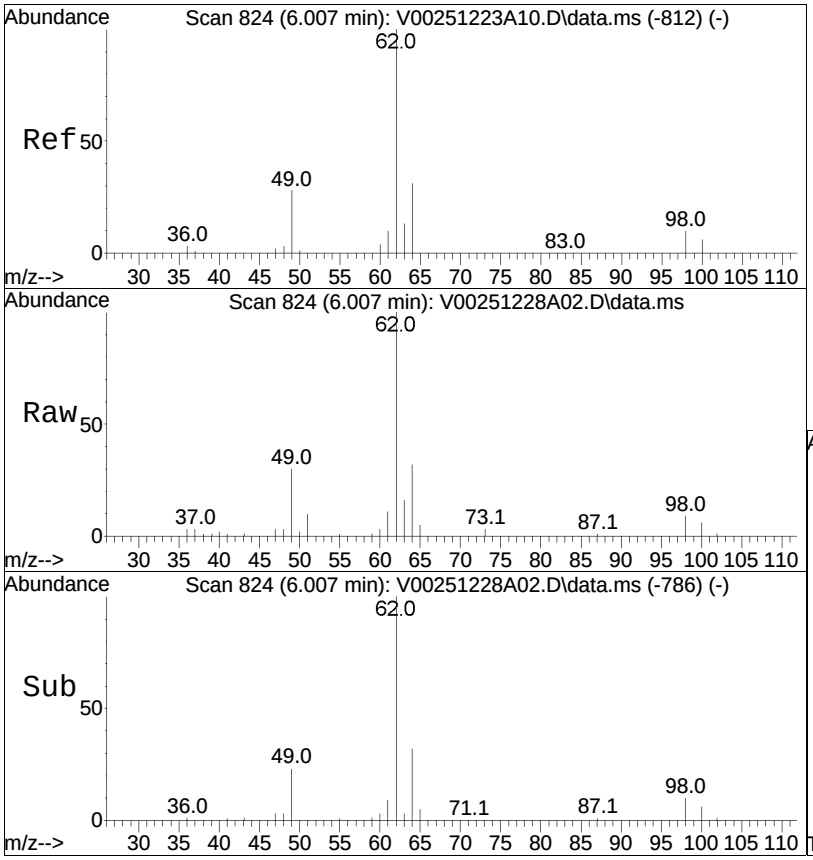


#42
Benzene
Concen: 44.65 ug/L
RT: 5.813 min Scan# 787
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 78 Resp: 370221

Ion	Ratio	Lower	Upper
78	100		
77	23.6	15.6	32.4
51	18.1	10.2	21.2
52	16.8	9.6	19.8

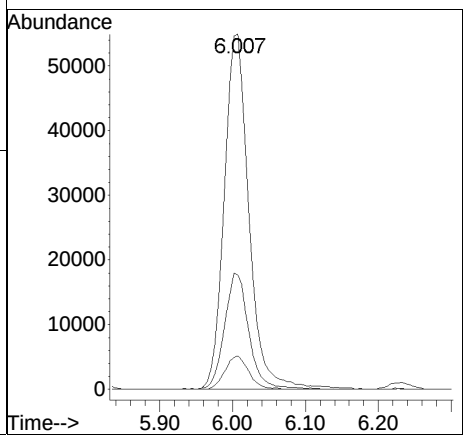


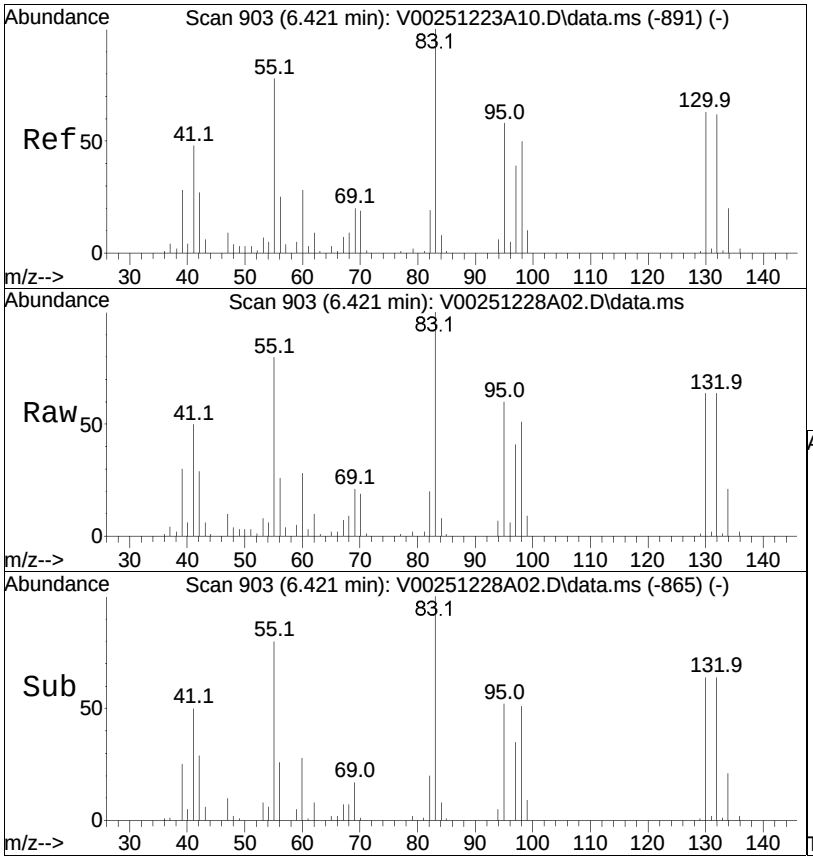


#45
1,2-Dichloroethane
Concen: 43.95 ug/L
RT: 6.007 min Scan# 824
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 62 Resp: 130276

Ion	Ratio	Lower	Upper
62	100		
64	32.1	12.6	52.6
98	9.1	0.0	28.7

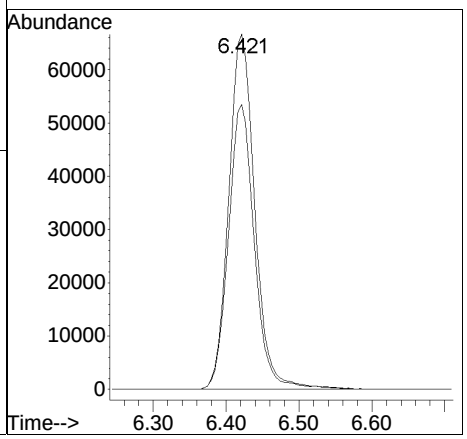


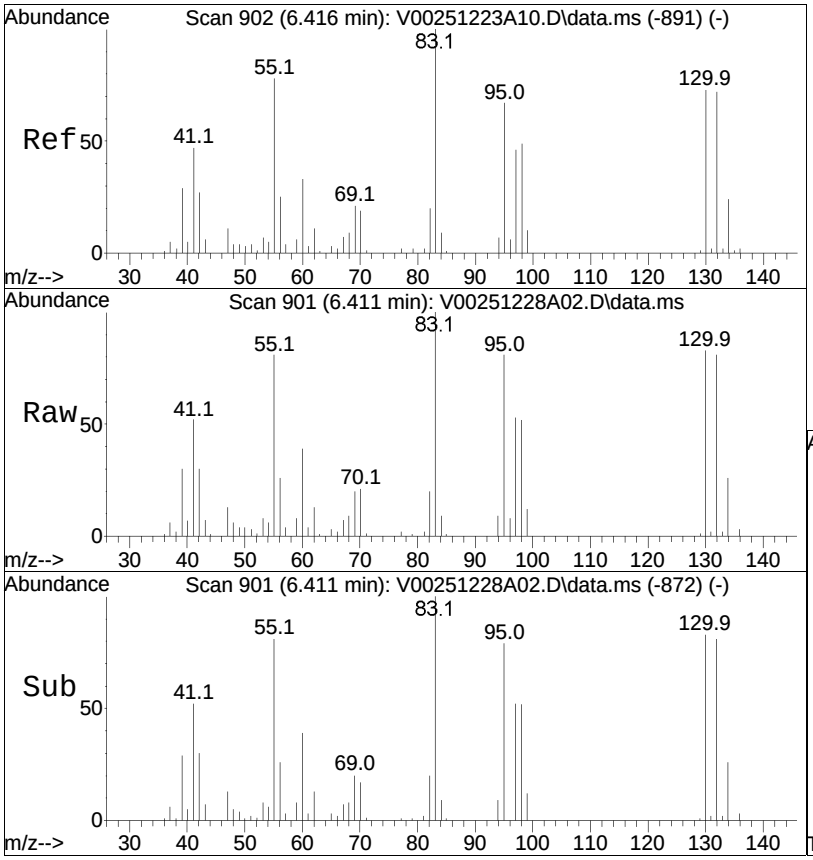


#48
Methyl cyclohexane
Concen: 44.29 ug/L
RT: 6.421 min Scan# 903
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 83 Resp: 166389

Ion	Ratio	Lower	Upper
83	100		
55	80.0	60.0	90.0

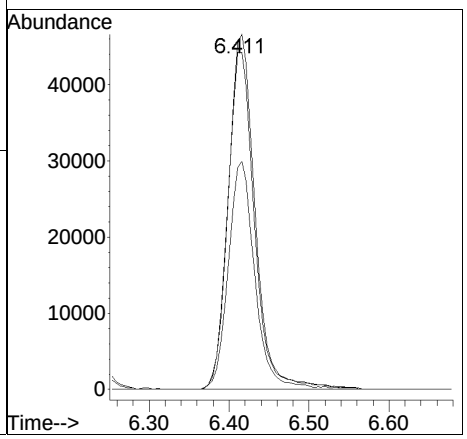


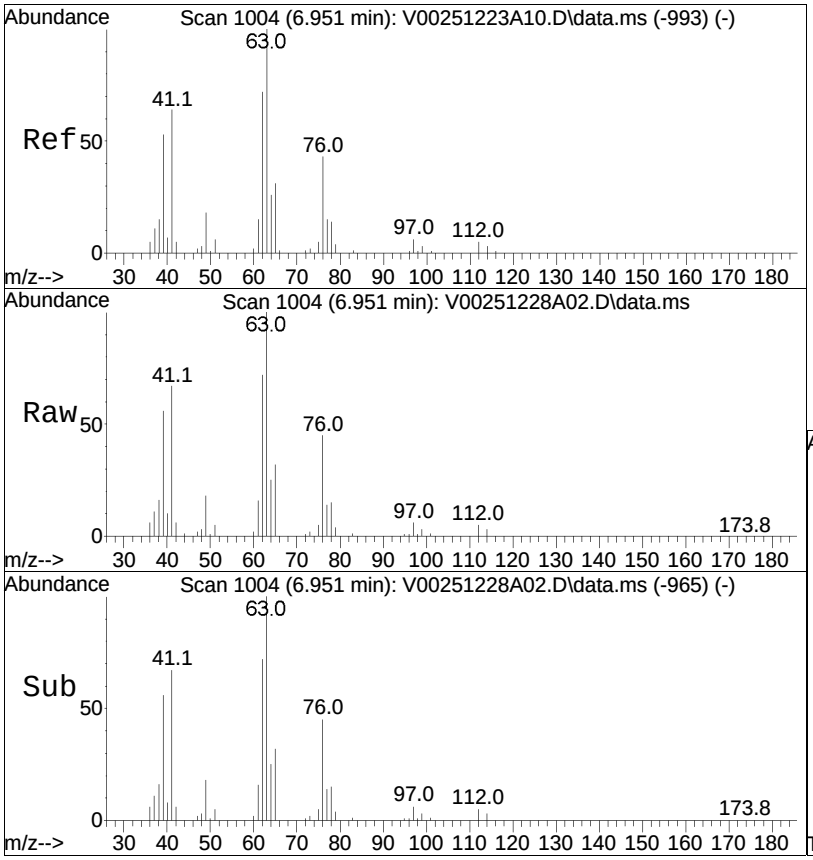


#49
Trichloroethene
Concen: 45.30 ug/L
RT: 6.411 min Scan# 901
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 95 Resp: 103697

Ion	Ratio	Lower	Upper
95	100		
97	67.1	54.2	81.4
130	105.1	77.0	115.6

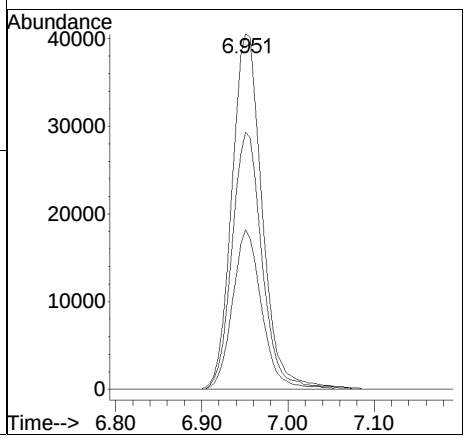


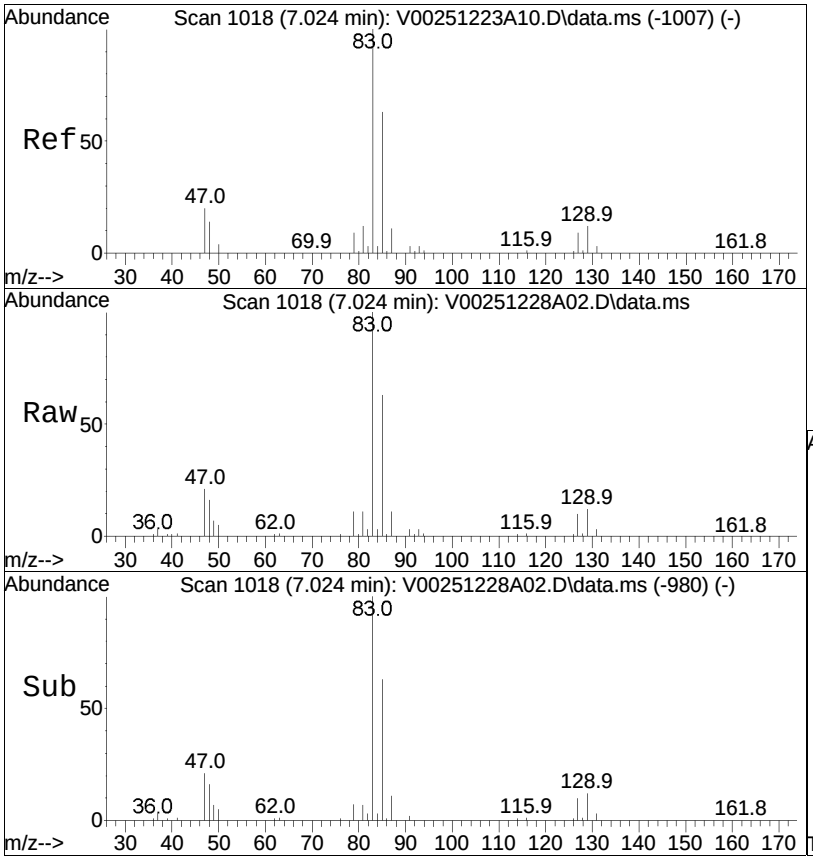


#52
1,2-Dichloropropane
Concen: 44.75 ug/L
RT: 6.951 min Scan# 1004
Delta R.T. 0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 63 Resp: 99472

Ion	Ratio	Lower	Upper
63	100		
62	71.7	57.8	86.8
76	43.2	34.0	51.0

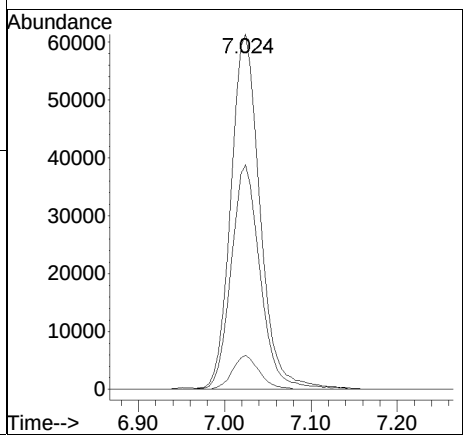


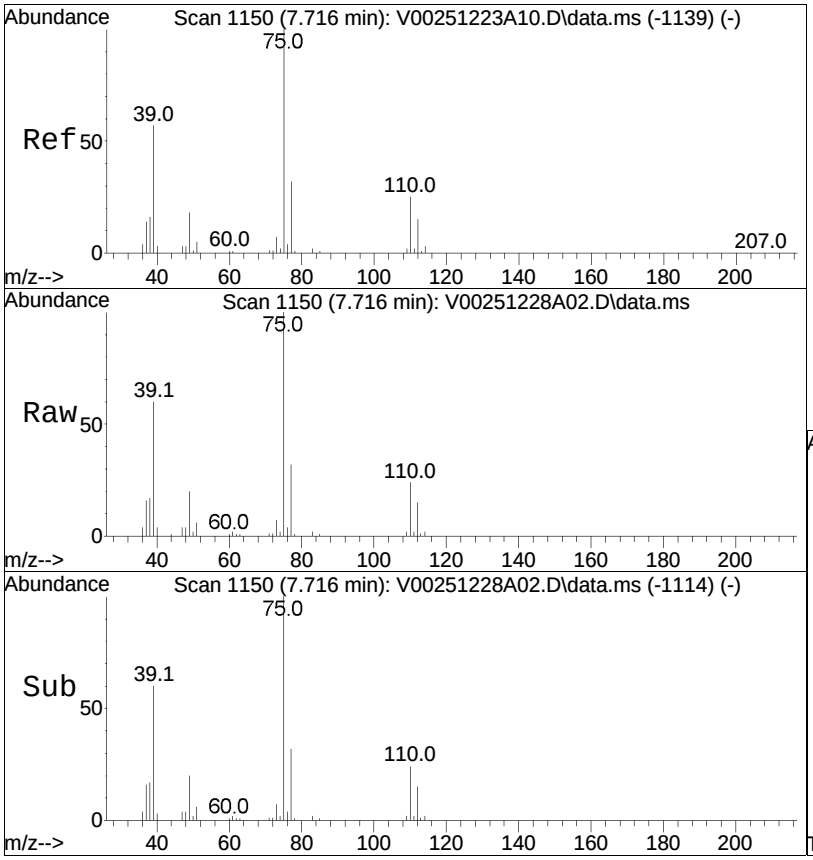


#55
Bromodichloromethane
Concen: 44.54 ug/L
RT: 7.024 min Scan# 1018
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 83 Resp: 144463

Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.9	76.3
127	8.9	6.6	9.8

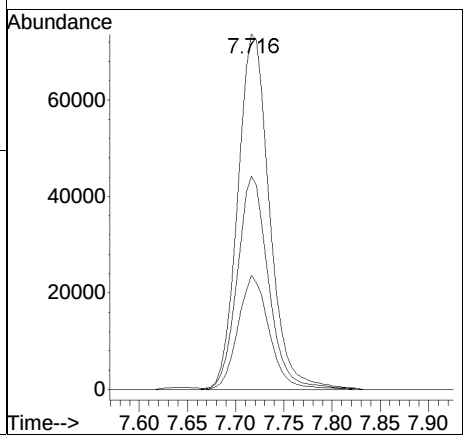


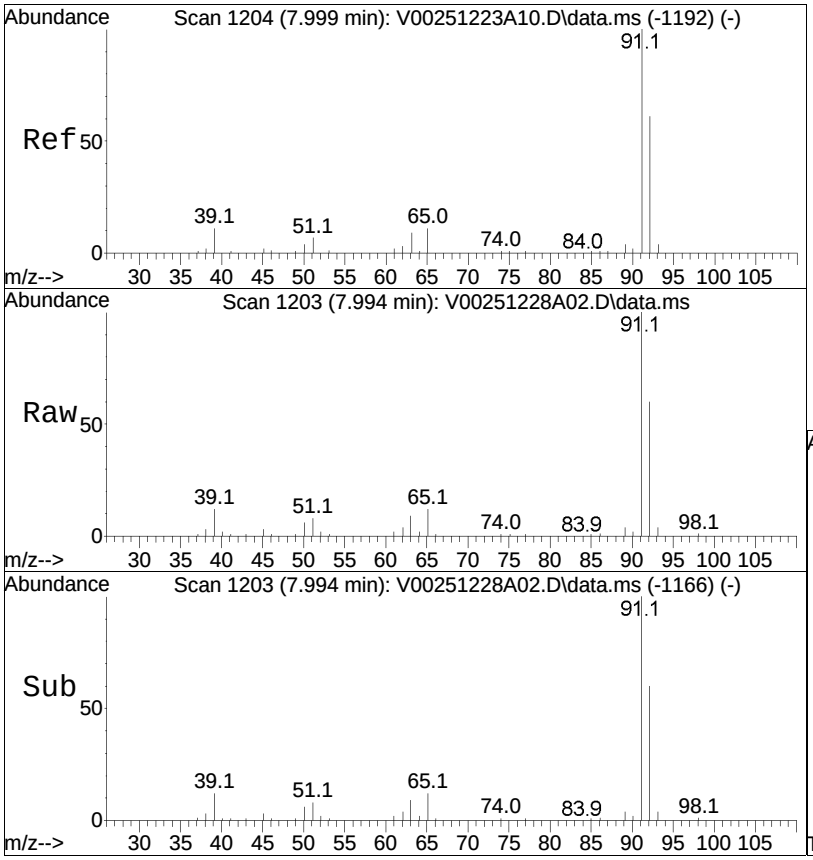


#59
cis-1,3-Dichloropropene
Concen: 45.41 ug/L
RT: 7.716 min Scan# 1150
Delta R.T. -0.011 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 75 Resp: 168841

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.7	38.5
39	59.1	32.3	48.5#

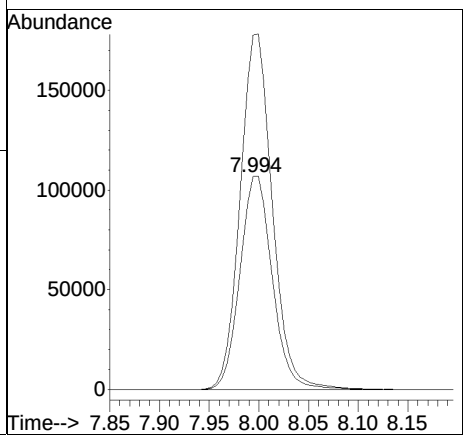


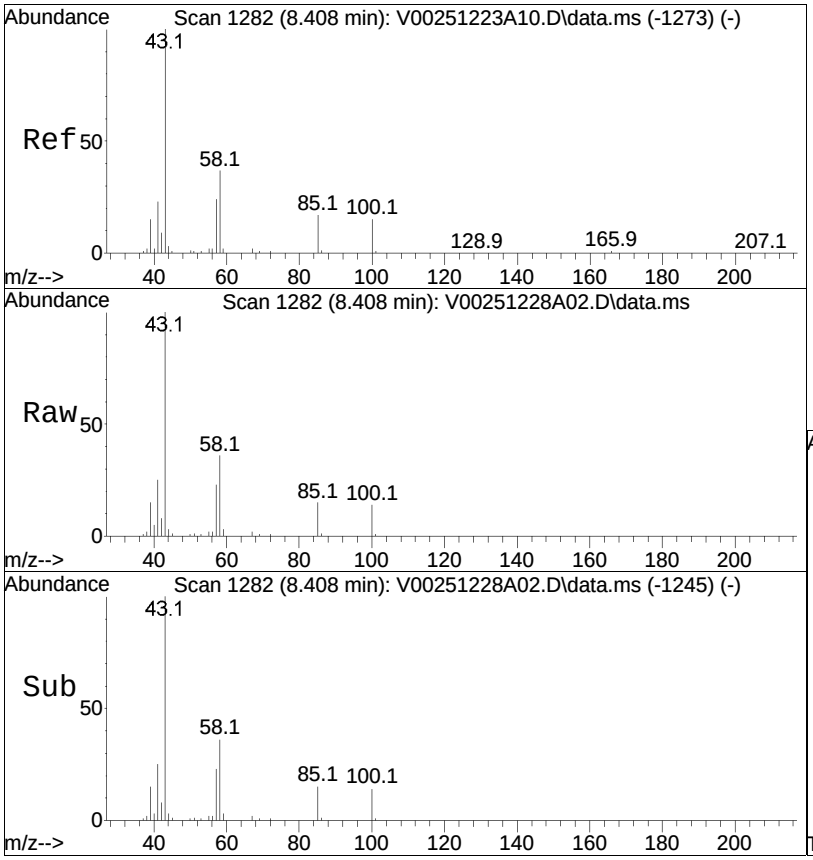


#62
Toluene
Concen: 39.30 ug/L
RT: 7.994 min Scan# 1203
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 92 Resp: 241913

Ion	Ratio	Lower	Upper
92	100		
91	165.7	138.2	207.2

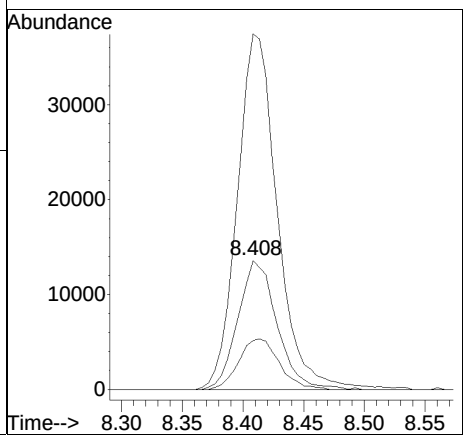


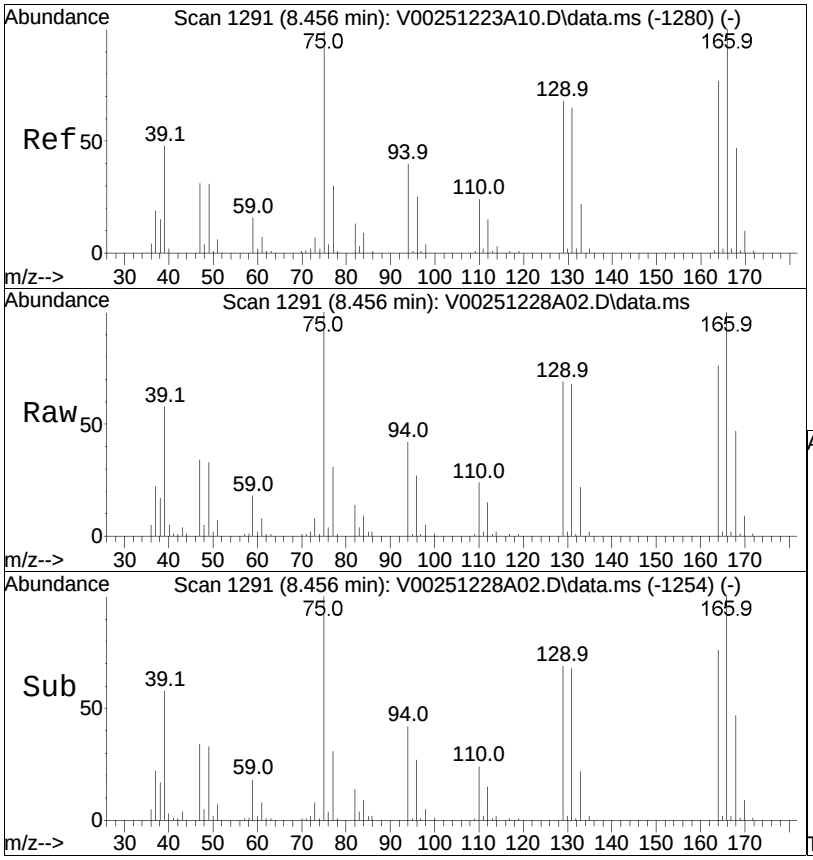


#63
4-Methyl-2-pentanone
Concen: 38.83 ug/L
RT: 8.408 min Scan# 1282
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 58 Resp: 30351

Ion	Ratio	Lower	Upper
58	100		
100	40.5	31.2	46.8
43	283.3	156.5	234.7#

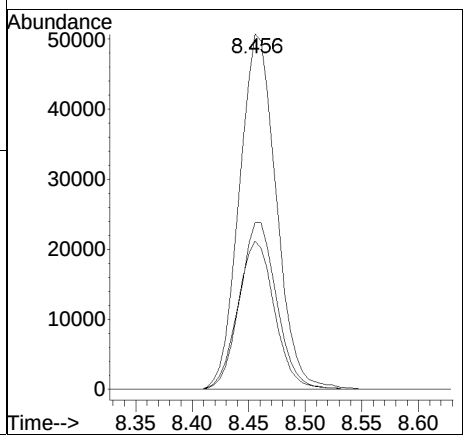


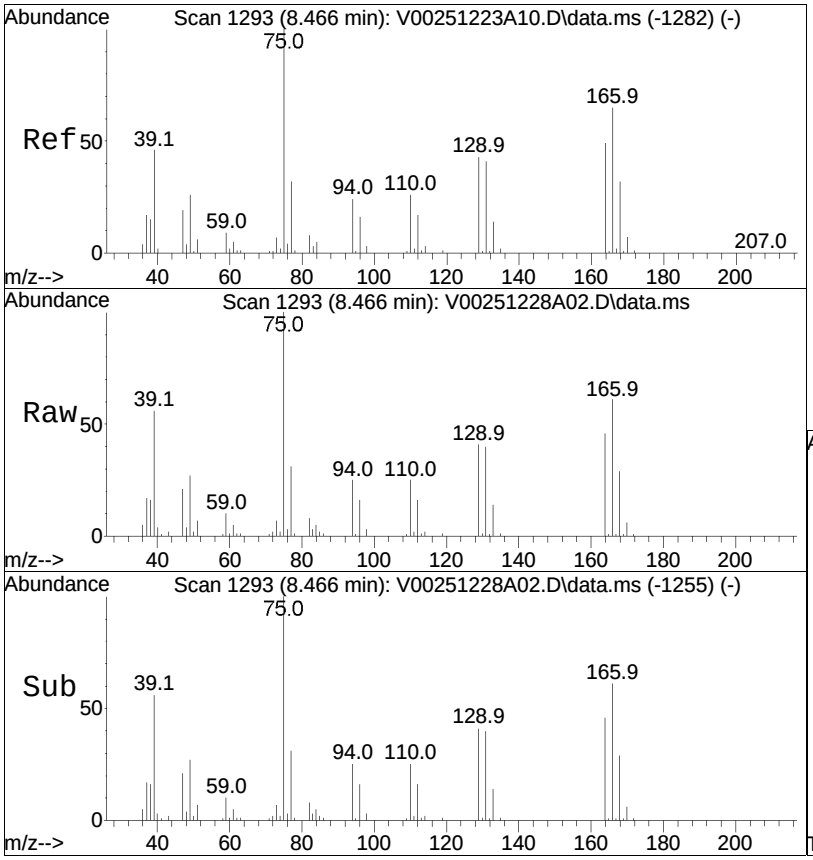


#64
Tetrachloroethene
Concen: 38.88 ug/L
RT: 8.456 min Scan# 1291
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:166 Resp: 115482

Ion	Ratio	Lower	Upper
166	100		
168	46.8	29.2	69.2
94	41.8	29.0	69.0

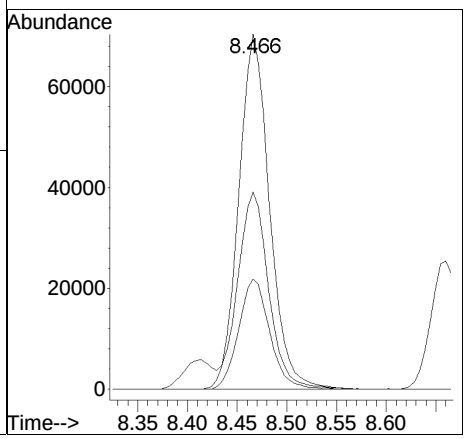


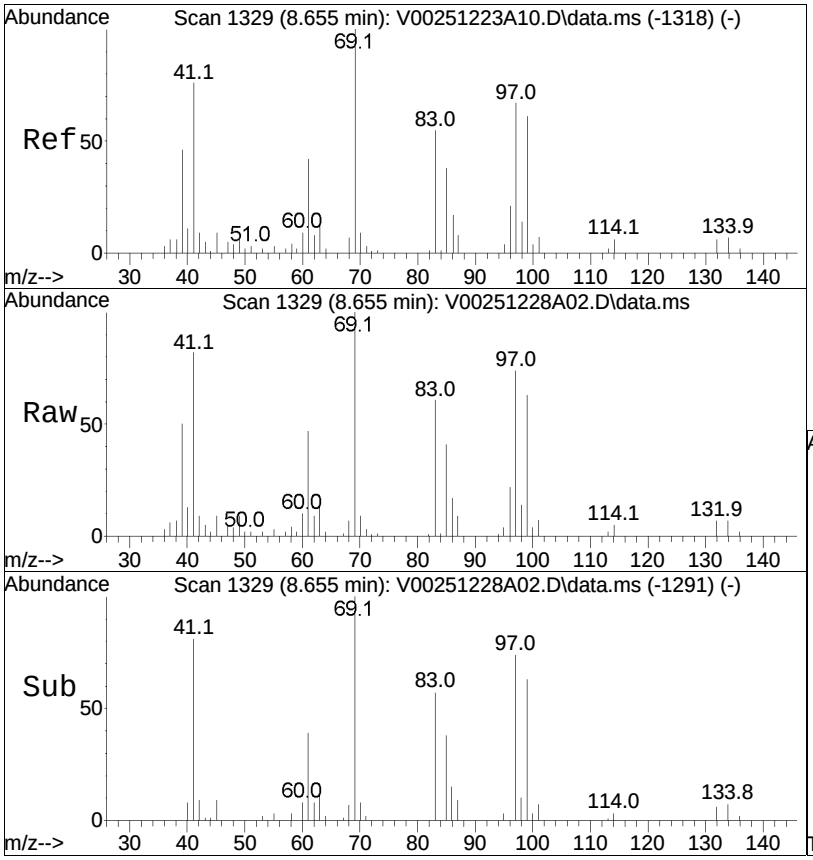


#66
trans-1,3-Dichloropropene
Concen: 40.49 ug/L
RT: 8.466 min Scan# 1293
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 75 Resp: 152182

Ion	Ratio	Lower	Upper
75	100		
77	31.4	11.8	51.8
39	56.2	23.7	63.7

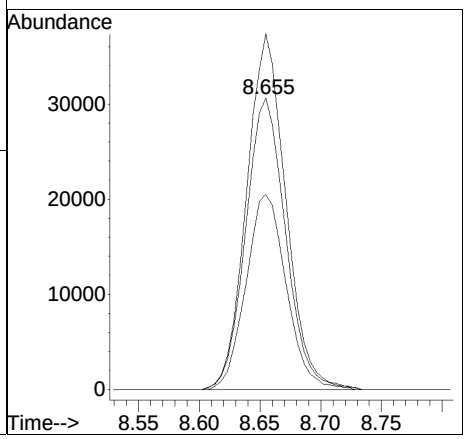


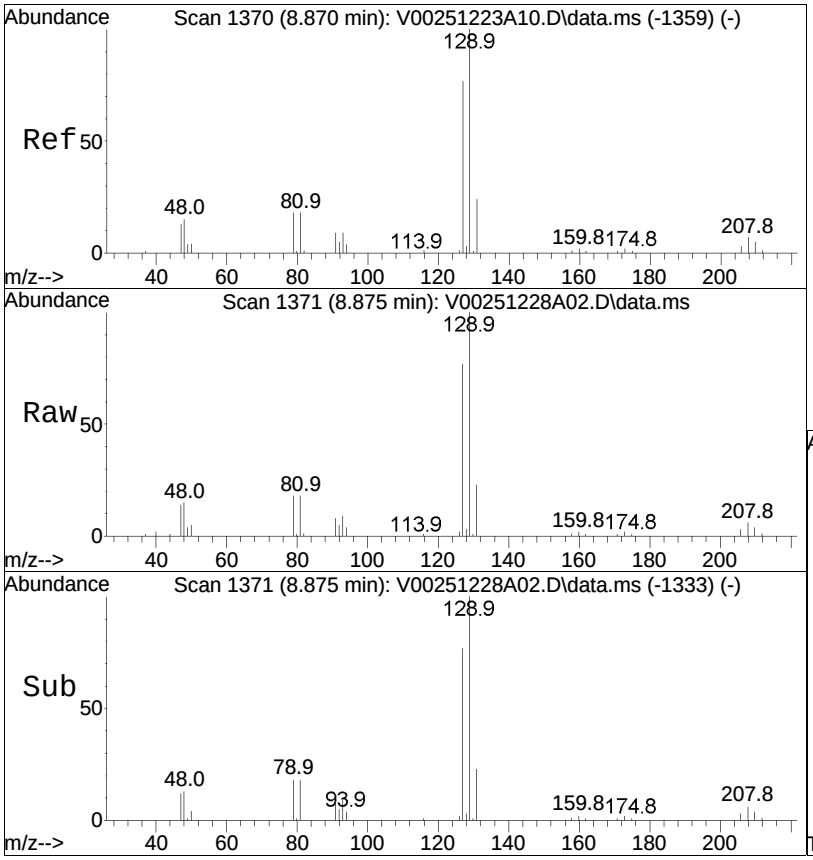


#69
1,1,2-Trichloroethane
Concen: 39.67 ug/L
RT: 8.655 min Scan# 1329
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 83 Resp: 70102

Ion	Ratio	Lower	Upper
83	100		
97	119.5	98.8	138.8
85	67.5	46.5	86.5

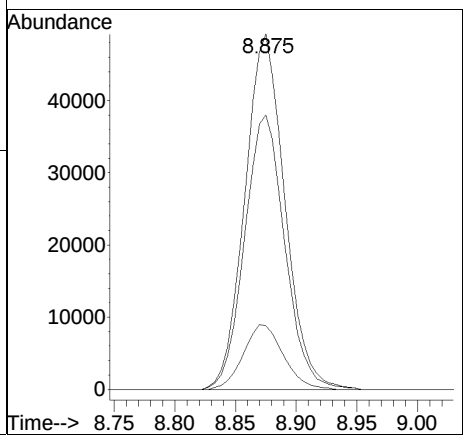


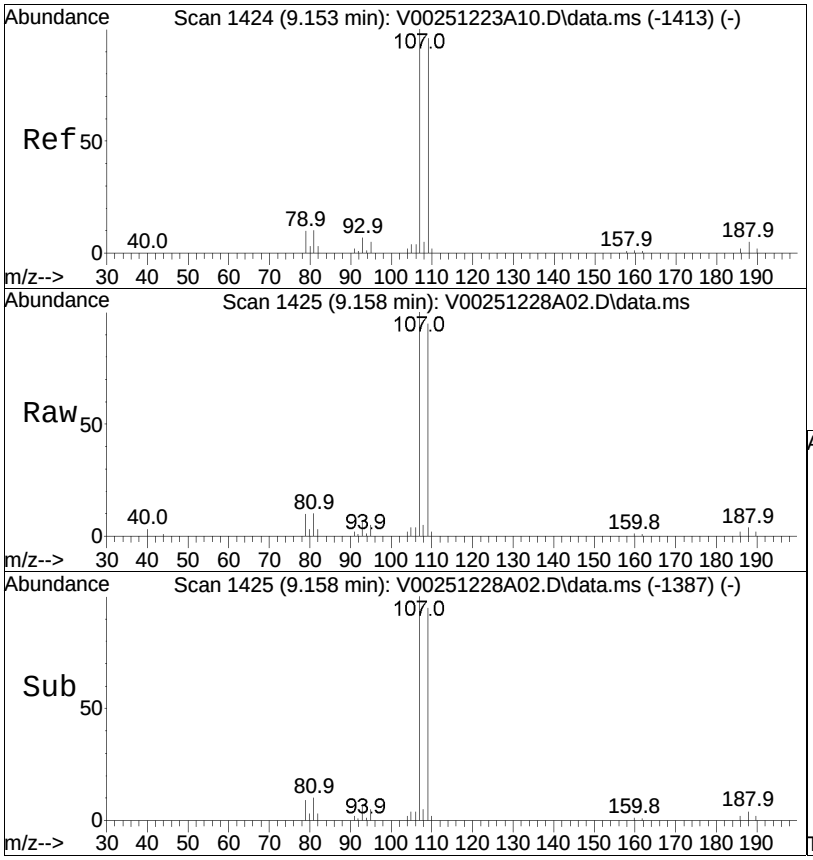


#70
Chlorodibromomethane
Concen: 39.27 ug/L
RT: 8.875 min Scan# 1371
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:129 Resp: 112436

Ion	Ratio	Lower	Upper
129	100		
81	18.3	0.1	40.1
127	77.8	58.4	98.4

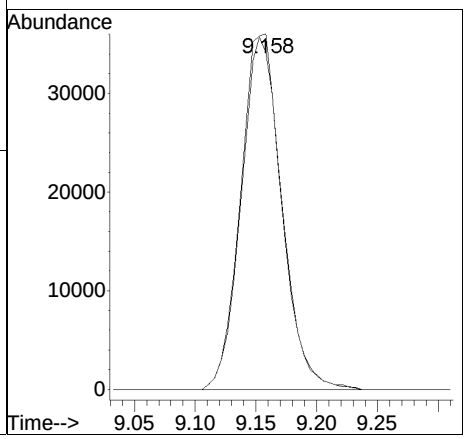


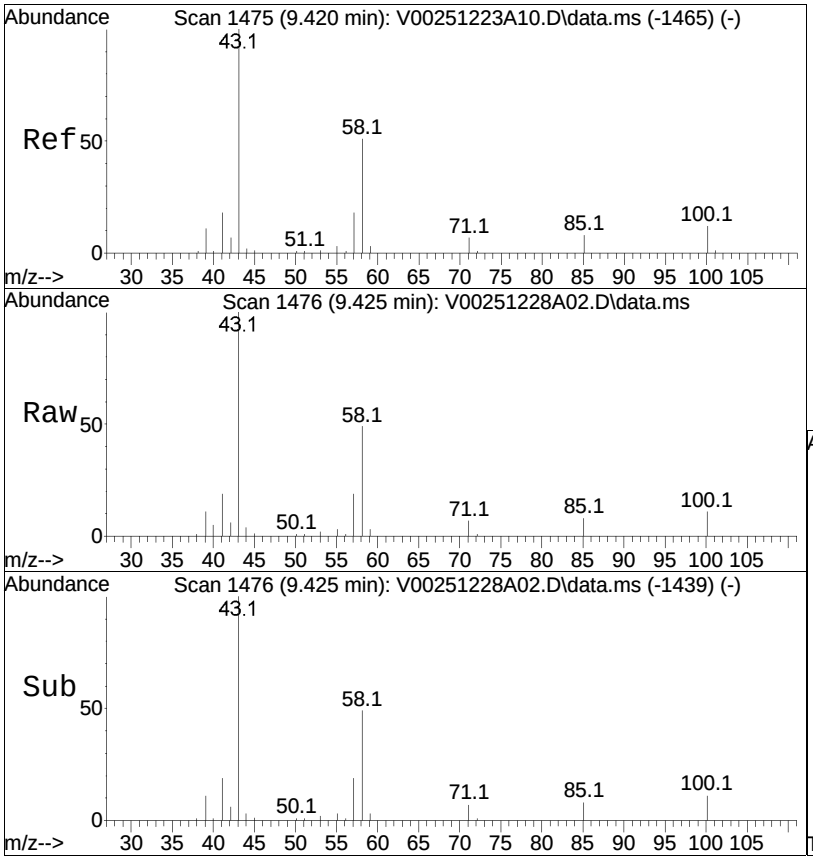


#72
1,2-Dibromoethane
Concen: 39.01 ug/L
RT: 9.158 min Scan# 1425
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:107 Resp: 85273

Ion	Ratio	Lower	Upper
107	100		
109	96.7	75.4	113.0

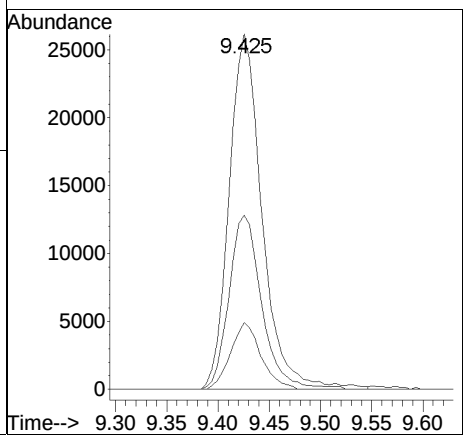


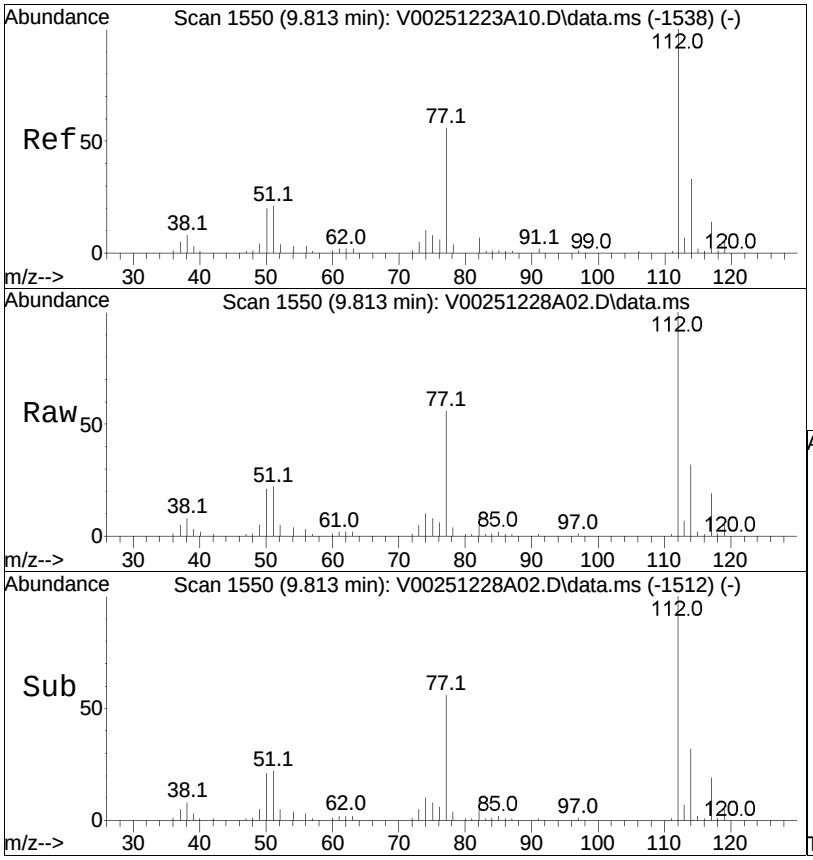


#73
2-Hexanone
Concen: 37.21 ug/L
RT: 9.425 min Scan# 1476
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 43 Resp: 58773

Ion	Ratio	Lower	Upper
43	100		
58	48.6	54.2	81.4#
57	17.3	17.8	26.6#

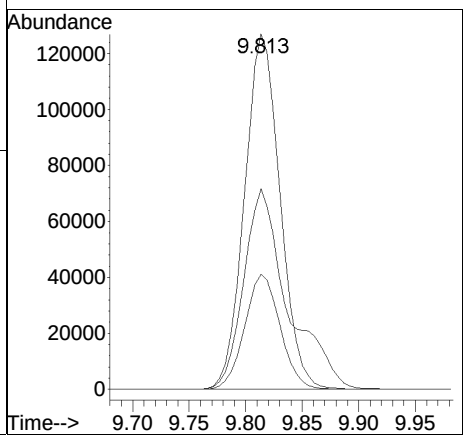


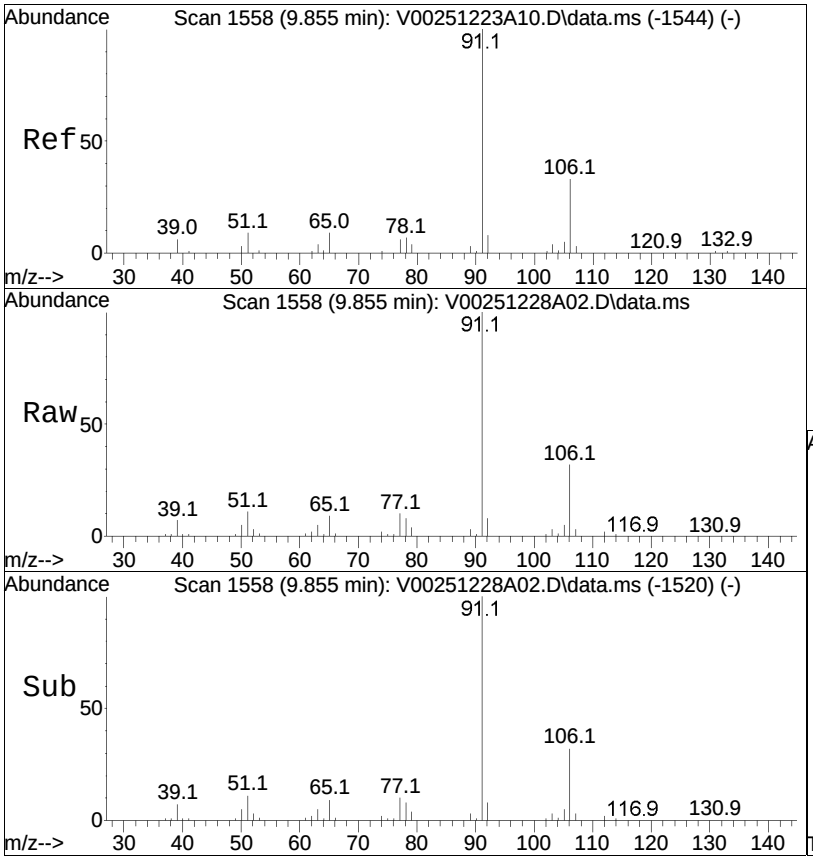


#74
Chlorobenzene
Concen: 39.45 ug/L
RT: 9.813 min Scan# 1550
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:112 Resp: 277471

Ion	Ratio	Lower	Upper
112	100		
77	70.3	57.9	86.9
114	32.3	25.7	38.5

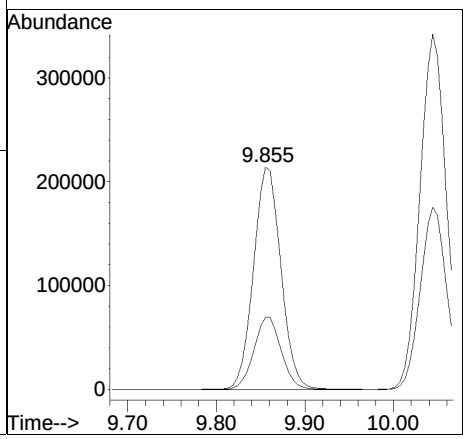


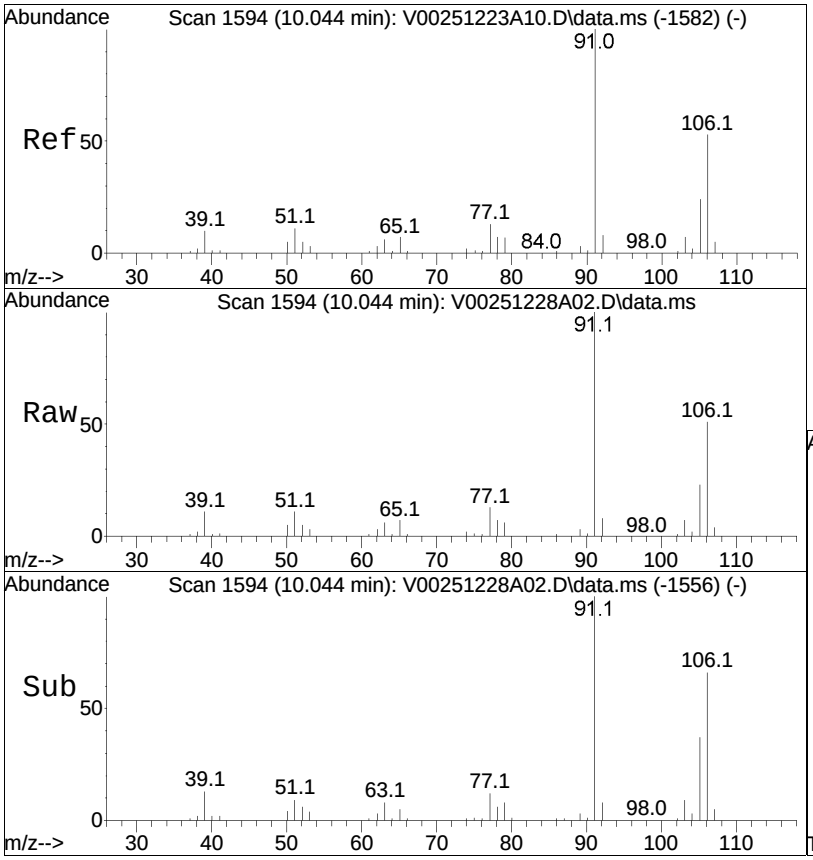


#75
Ethylbenzene
Concen: 39.43 ug/L
RT: 9.855 min Scan# 1558
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 91 Resp: 459850

Ion	Ratio	Lower	Upper
91	100		
106	32.3	25.1	37.7

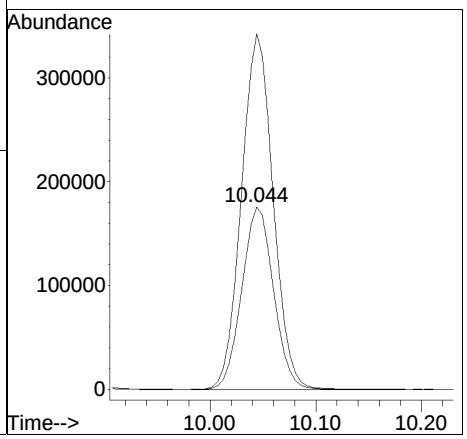


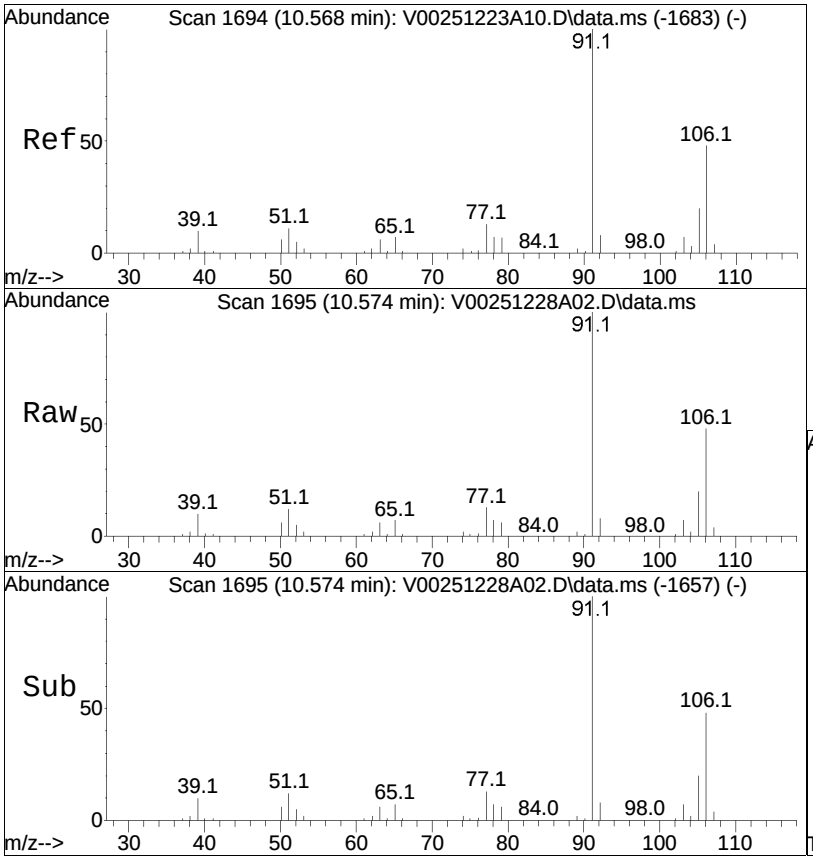


#77
p/m Xylene
Concen: 80.33 ug/L
RT: 10.044 min Scan# 1594
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:106 Resp: 366410

Ion	Ratio	Lower	Upper
106	100		
91	194.3	159.5	239.3

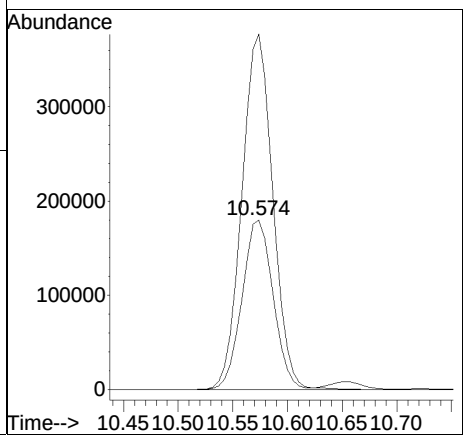


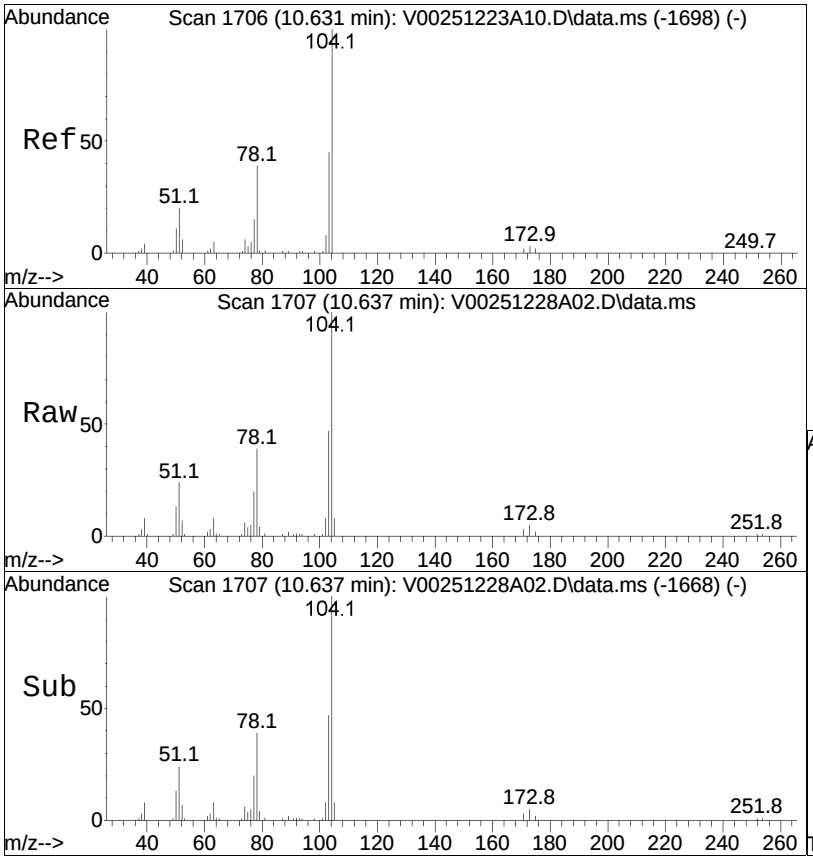


#78
o Xylene
Concen: 79.27 ug/L
RT: 10.574 min Scan# 1695
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:106 Resp: 357403

Ion	Ratio	Lower	Upper
106	100		
91	206.9	168.6	252.8

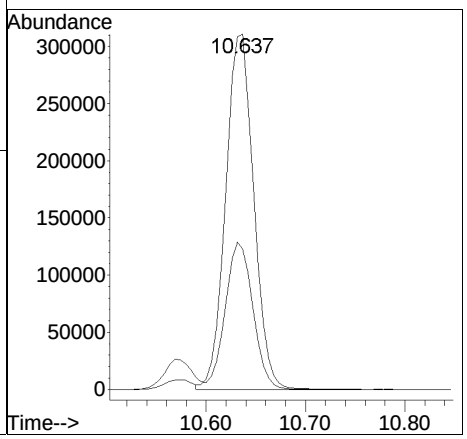


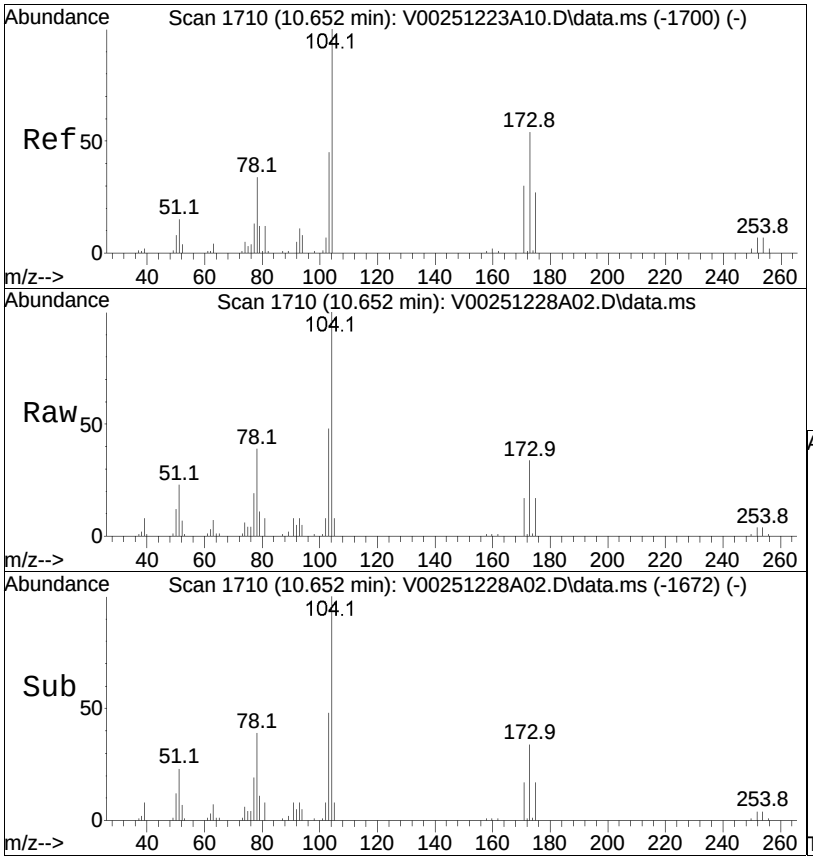


#79
Styrene
Concen: 80.53 ug/L
RT: 10.637 min Scan# 1707
Delta R.T. 0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:104 Resp: 610948

Ion	Ratio	Lower	Upper
104	100		
78	40.4	33.8	50.6

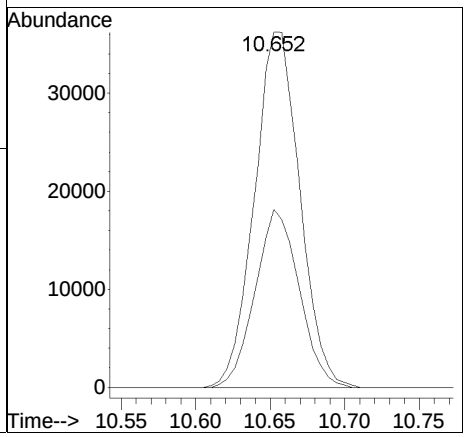


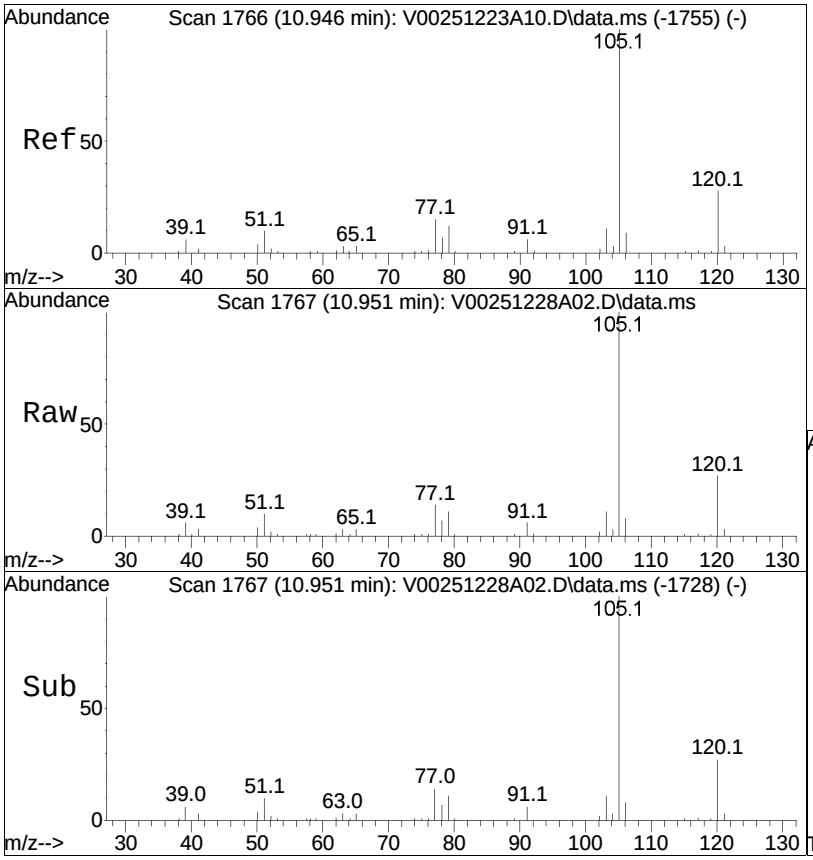


#81
Bromoform
Concen: 36.74 ug/L
RT: 10.652 min Scan# 1710
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:173 Resp: 76683

Ion	Ratio	Lower	Upper
173	100		
175	48.5	27.8	67.8

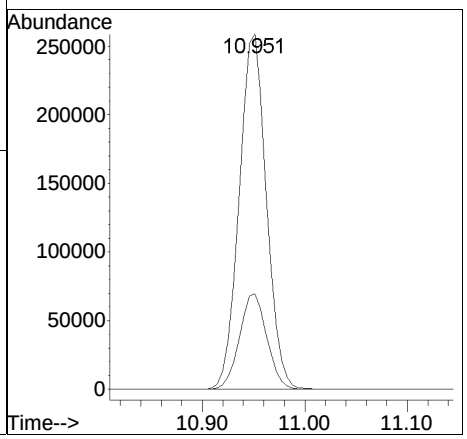


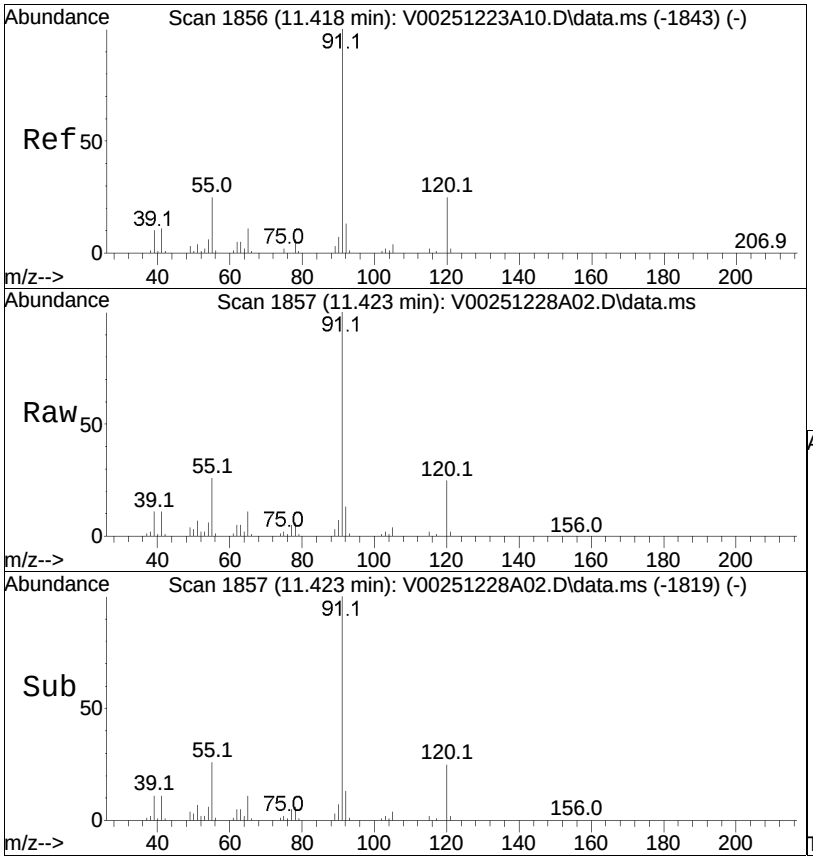


#83
Isopropylbenzene
Concen: 39.43 ug/L
RT: 10.951 min Scan# 1767
Delta R.T. 0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:105 Resp: 477302

Ion	Ratio	Lower	Upper
105	100		
120	27.1	6.4	46.4

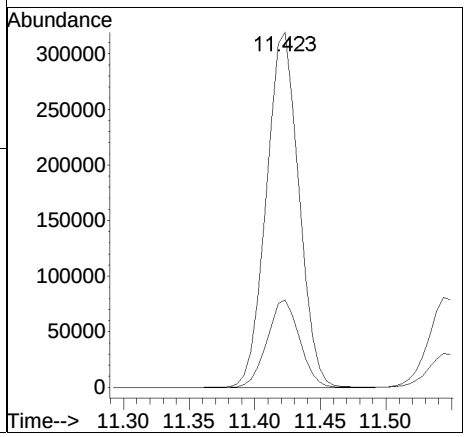


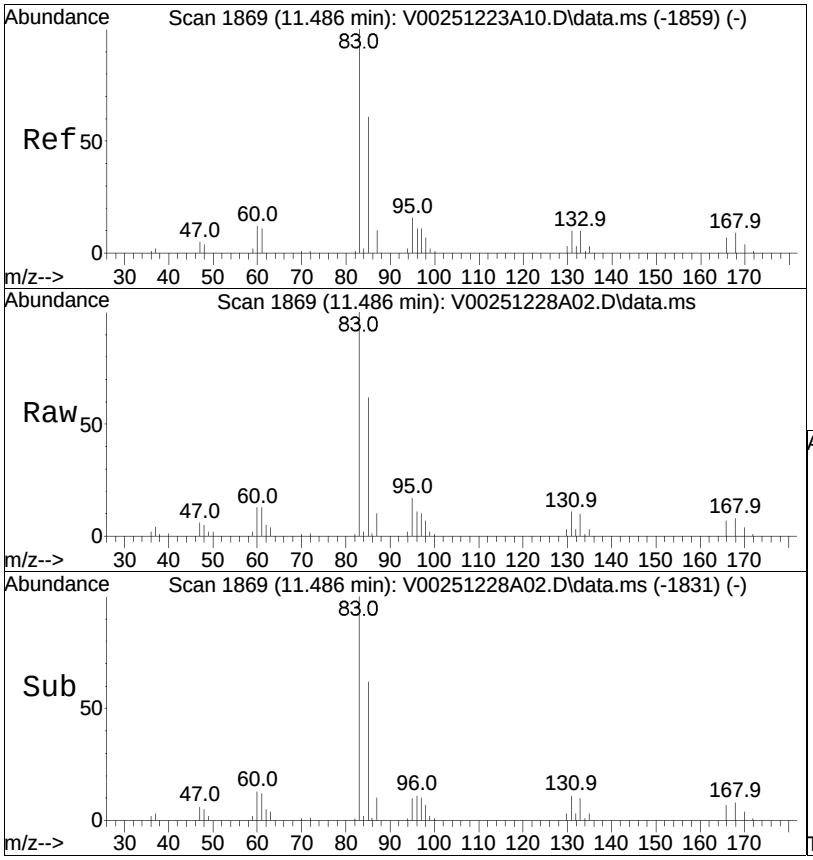


#86
n-Propylbenzene
Concen: 40.04 ug/L
RT: 11.423 min Scan# 1857
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 91 Resp: 551885

Ion	Ratio	Lower	Upper
91	100		
120	24.4	18.2	27.2

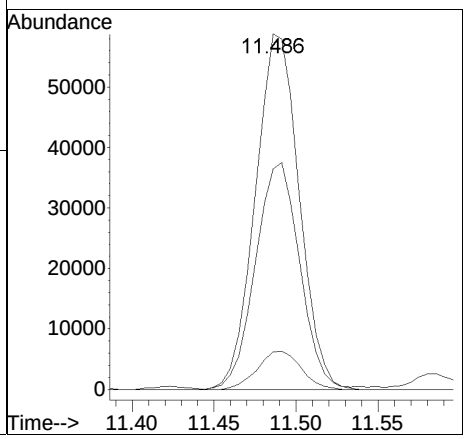


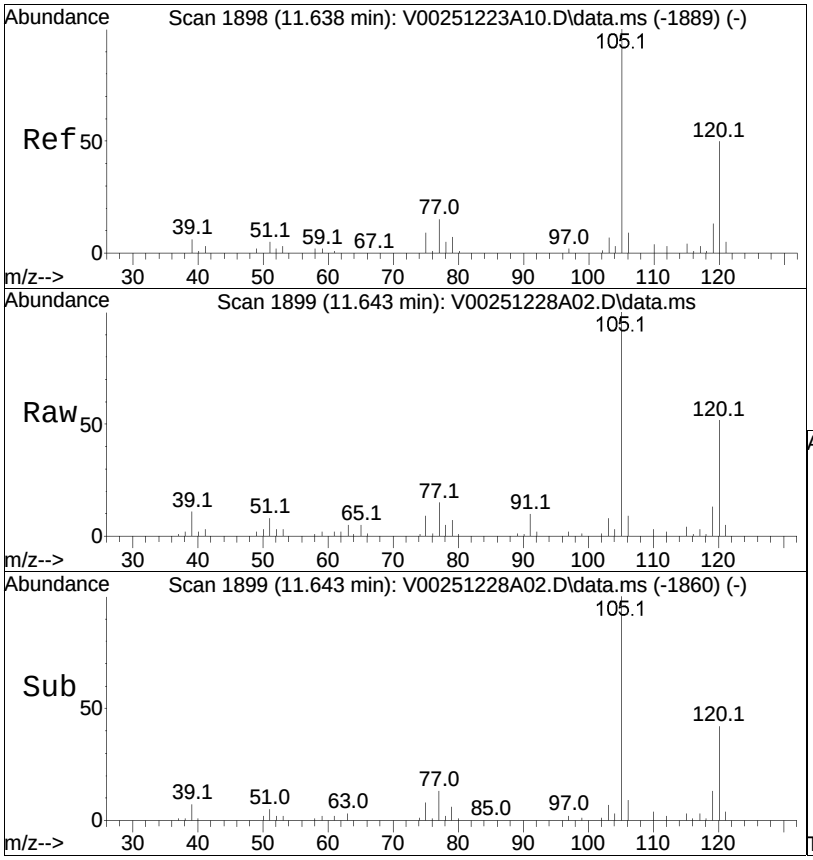


#88
1,1,2,2-Tetrachloroethane
Concen: 38.26 ug/L
RT: 11.486 min Scan# 1869
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 83 Resp: 109195

Ion	Ratio	Lower	Upper
83	100		
131	10.7	0.0	30.1
85	64.4	45.9	85.9

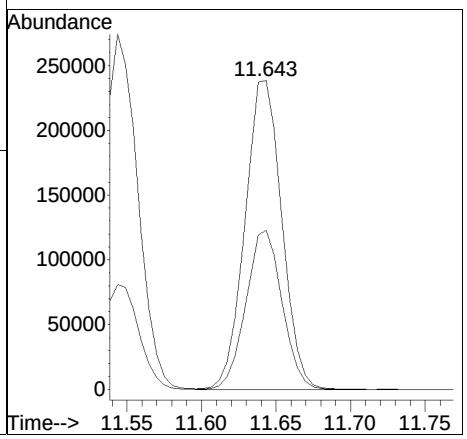


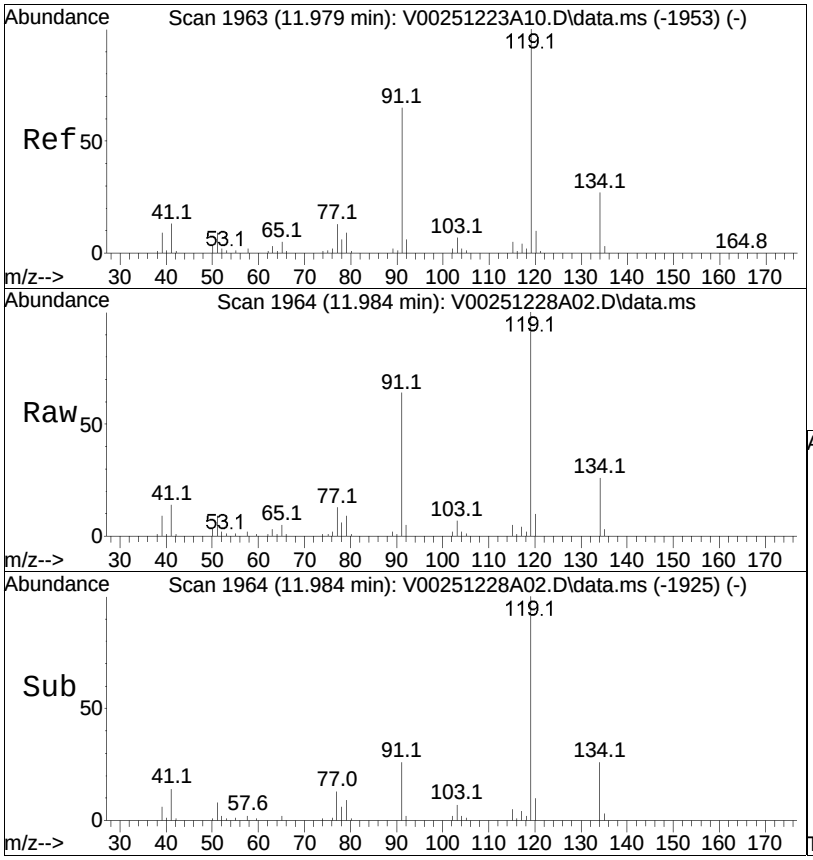


#91
1,3,5-Trimethylbenzene
Concen: 40.00 ug/L
RT: 11.643 min Scan# 1899
Delta R.T. 0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:105 Resp: 409939

Ion	Ratio	Lower	Upper
105	100		
120	50.6	39.1	58.7

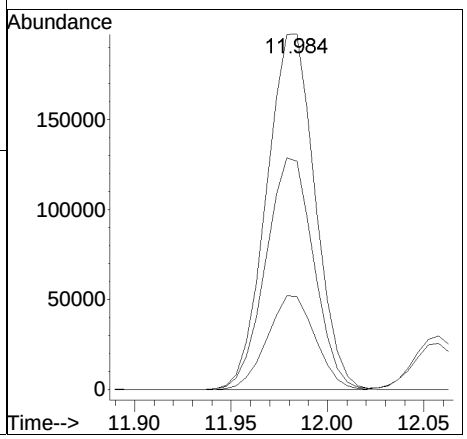


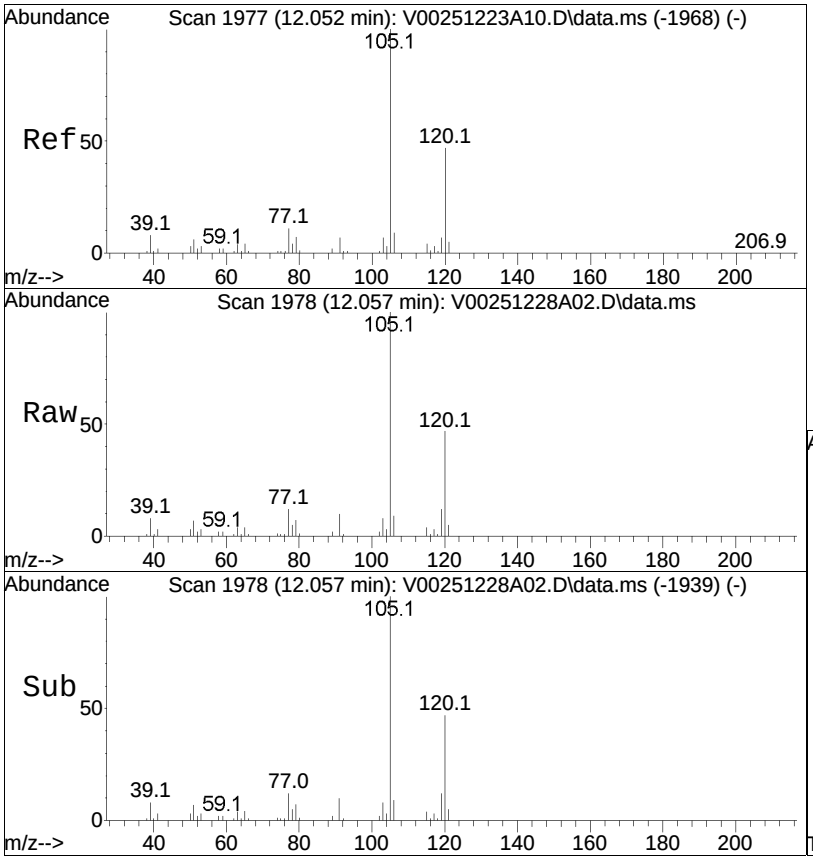


#95
tert-Butylbenzene
Concen: 38.86 ug/L
RT: 11.984 min Scan# 1964
Delta R.T. 0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:119 Resp: 345948

Ion	Ratio	Lower	Upper
119	100		
91	64.5	54.8	82.2
134	26.0	20.6	30.8

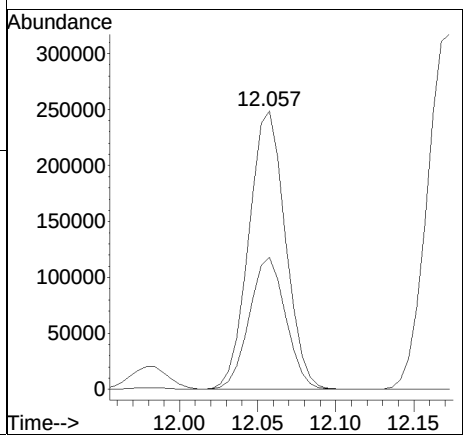


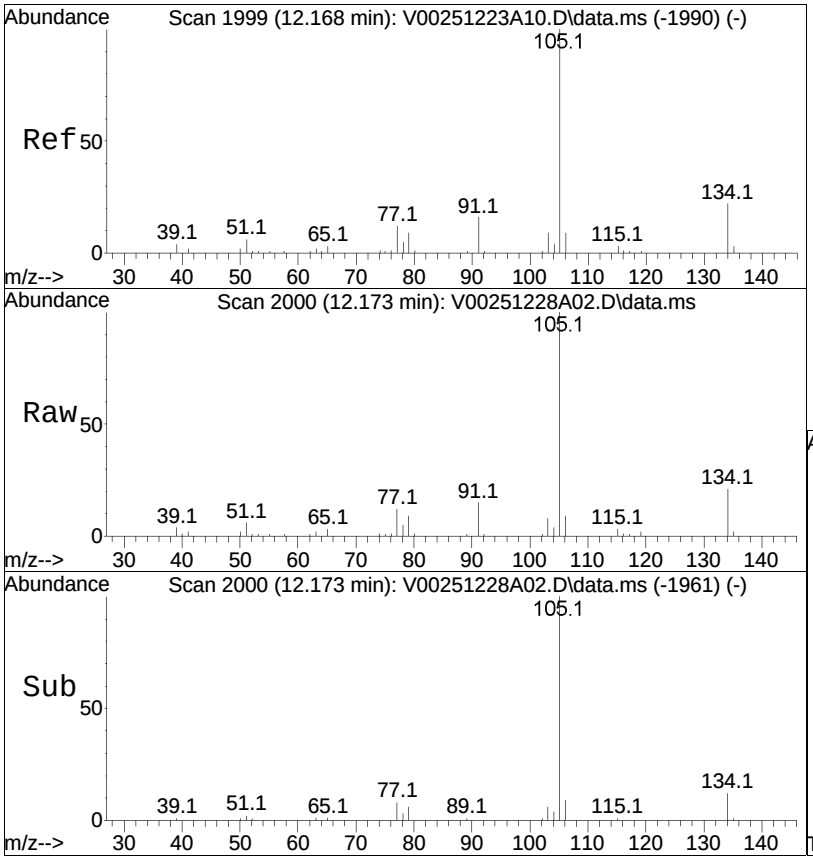


#98
1,2,4-Trimethylbenzene
Concen: 40.08 ug/L
RT: 12.057 min Scan# 1978
Delta R.T. 0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:105 Resp: 406424

Ion	Ratio	Lower	Upper
105	100		
120	47.2	37.1	55.7

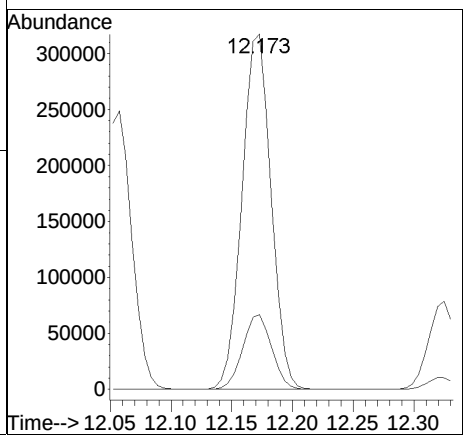


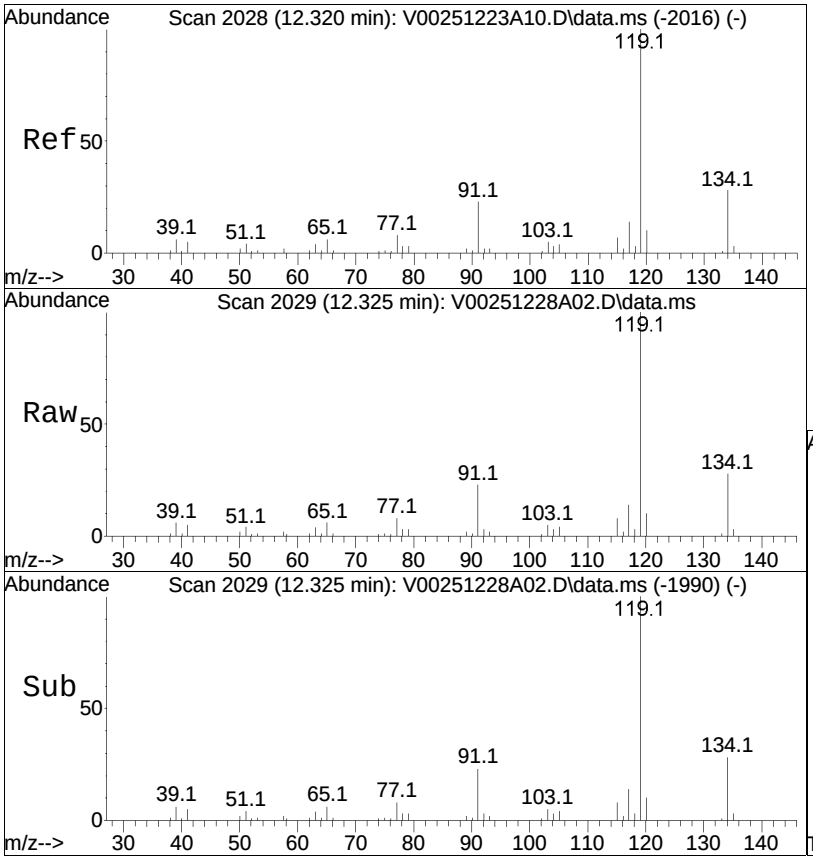


#99
sec-Butylbenzene
Concen: 40.00 ug/L
RT: 12.173 min Scan# 2000
Delta R.T. 0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:105 Resp: 528966

Ion	Ratio	Lower	Upper
105	100		
134	20.9	13.5	27.9

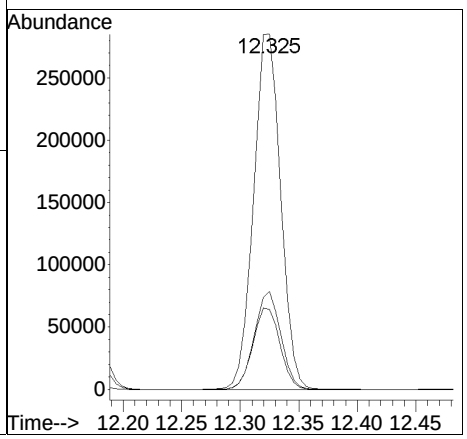


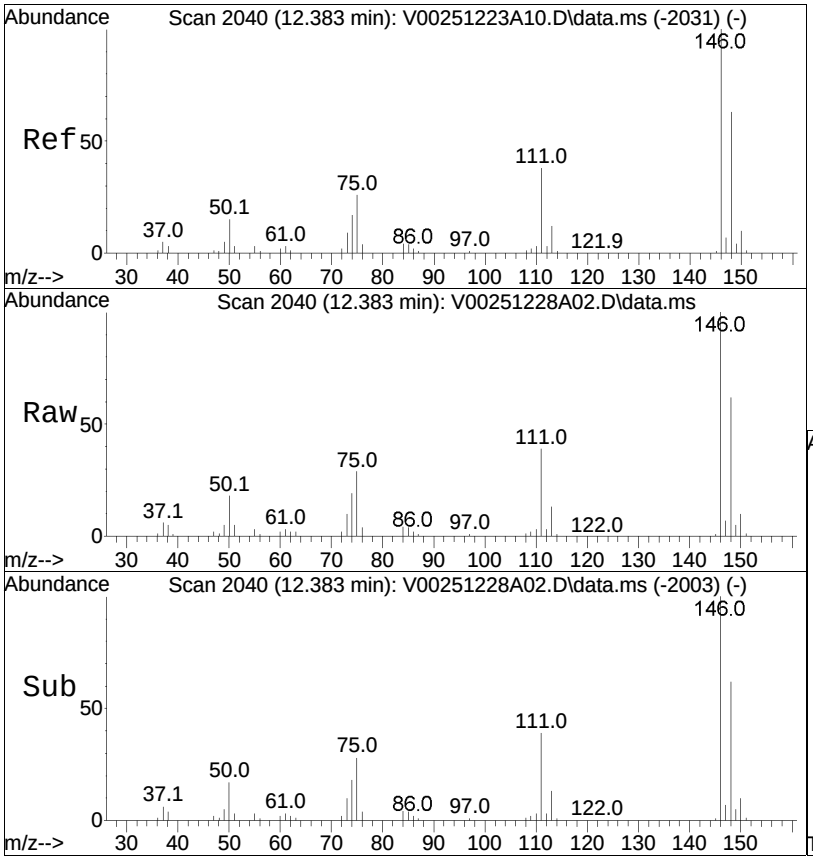


#100
p-Isopropyltoluene
Concen: 40.22 ug/L
RT: 12.325 min Scan# 2029
Delta R.T. 0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:119 Resp: 459230

Ion	Ratio	Lower	Upper
119	100		
134	26.9	17.4	36.0
91	23.0	15.8	32.8

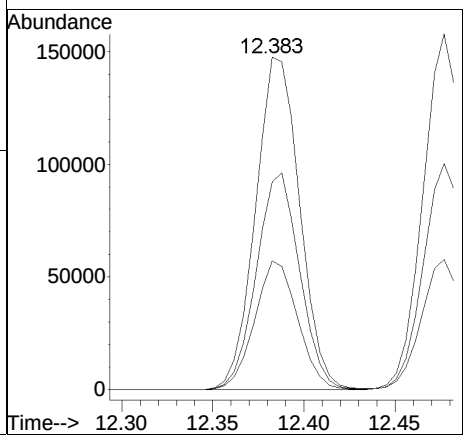


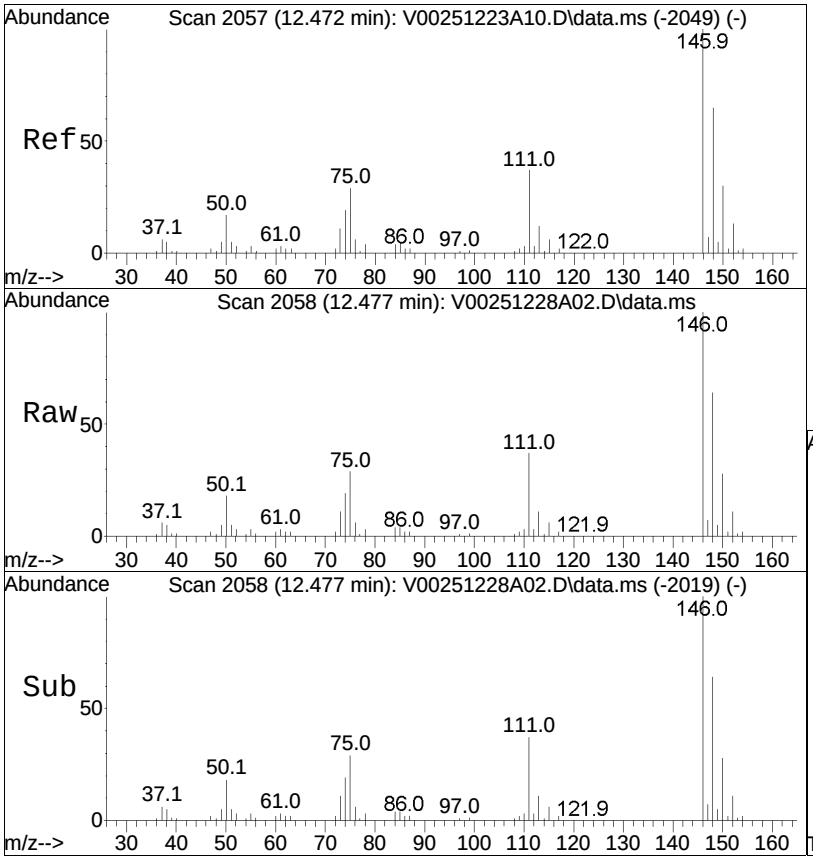


#101
1,3-Dichlorobenzene
Concen: 39.51 ug/L
RT: 12.383 min Scan# 2040
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:146 Resp: 248881

Ion	Ratio	Lower	Upper
146	100		
111	37.6	26.1	54.1
148	63.8	40.8	84.8

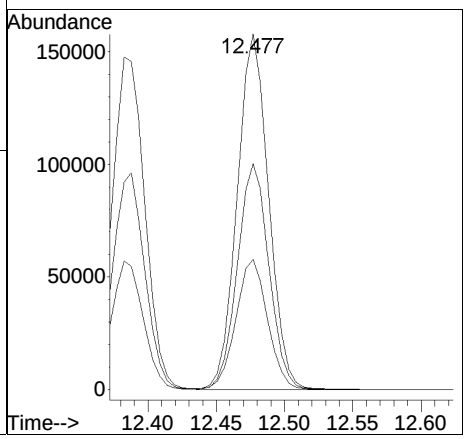


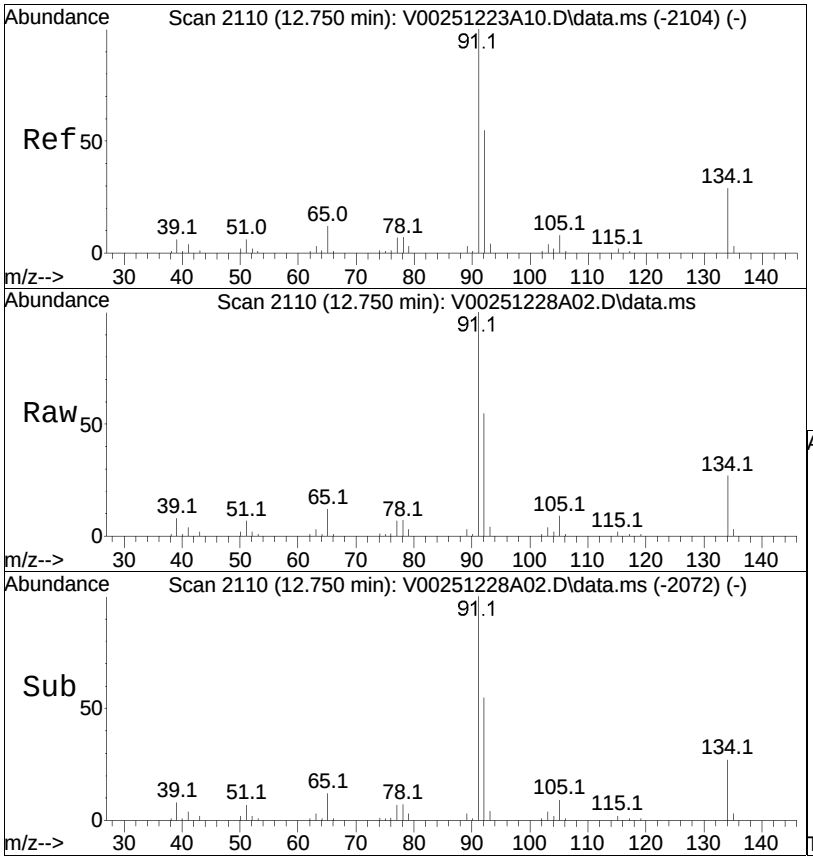


#102
1,4-Dichlorobenzene
Concen: 39.51 ug/L
RT: 12.477 min Scan# 2058
Delta R.T. 0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:146 Resp: 252447

Ion	Ratio	Lower	Upper
146	100		
111	36.8	32.1	48.1
148	63.7	50.6	75.8

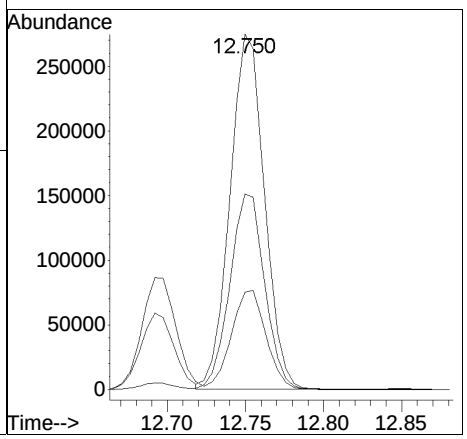


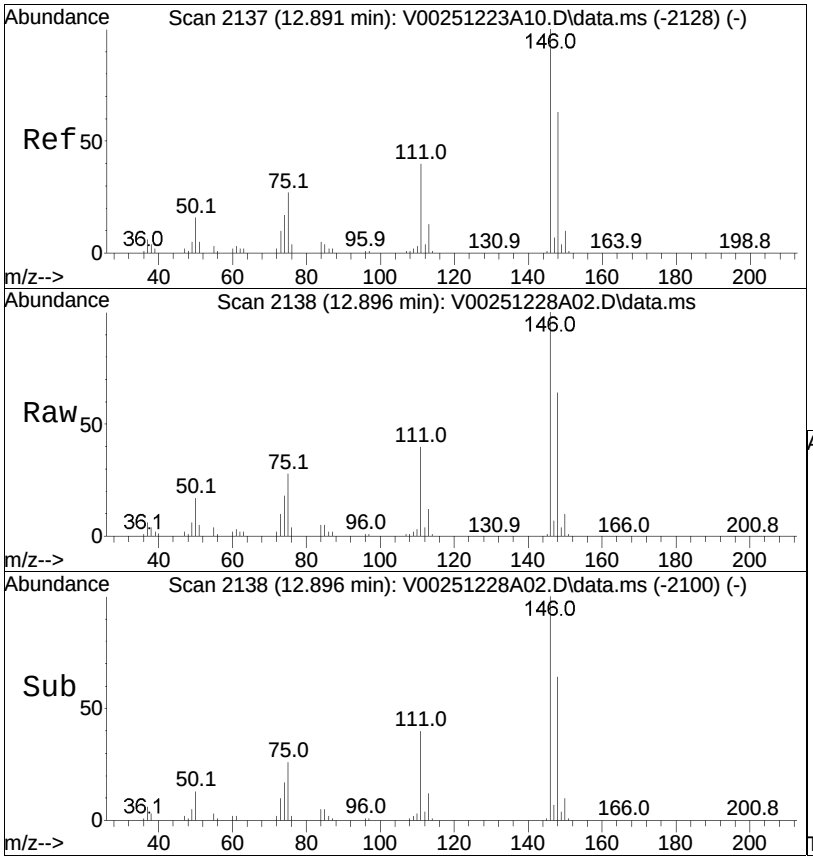


#104
n-Butylbenzene
Concen: 41.47 ug/L
RT: 12.750 min Scan# 2110
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 91 Resp: 421383

Ion	Ratio	Lower	Upper
91	100		
92	55.5	43.7	65.5
134	28.0	21.5	32.3

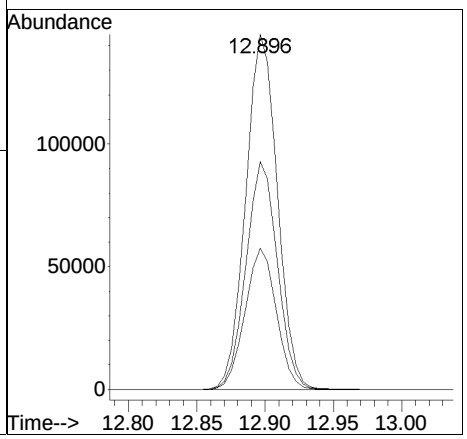


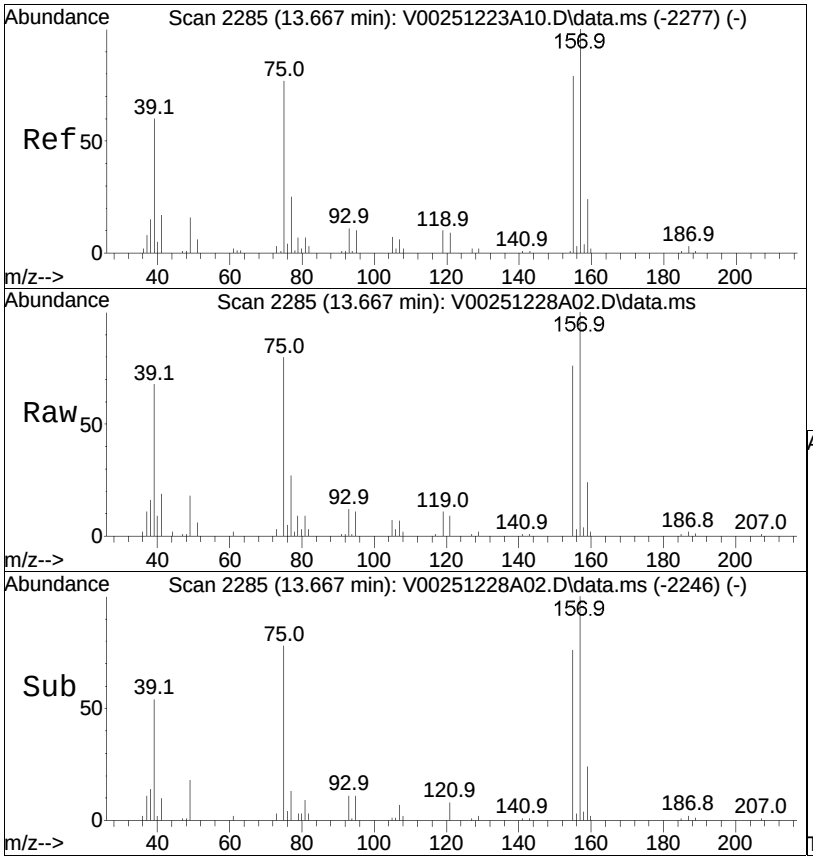


#105
1,2-Dichlorobenzene
Concen: 39.31 ug/L
RT: 12.896 min Scan# 2138
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:146 Resp: 233270

Ion	Ratio	Lower	Upper
146	100		
111	39.4	26.9	55.9
148	63.6	40.3	83.7

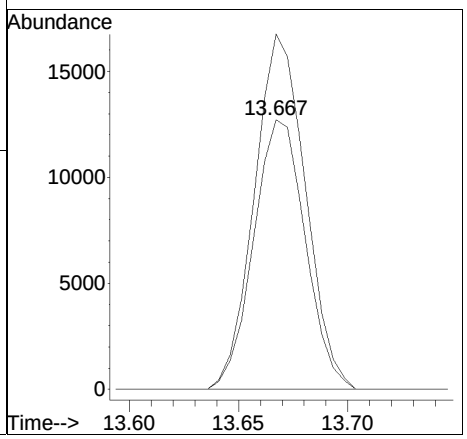


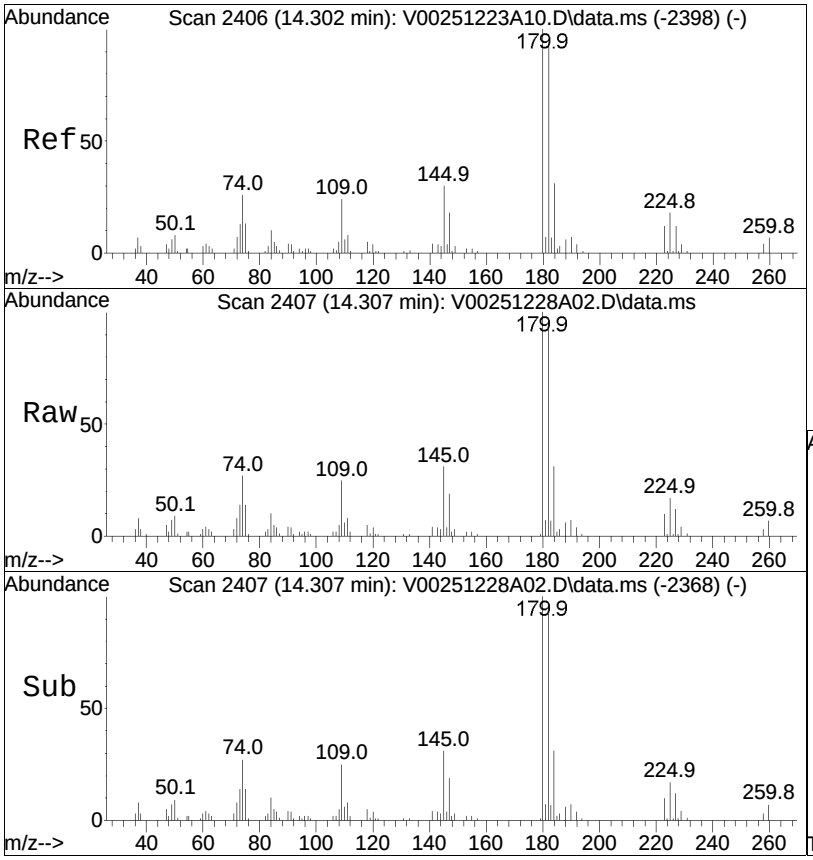


#107
1,2-Dibromo-3-chloropropane
Concen: 35.90 ug/L
RT: 13.667 min Scan# 2285
Delta R.T. 0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:155 Resp: 20909

Ion	Ratio	Lower	Upper
155	100		
157	130.1	97.0	145.4

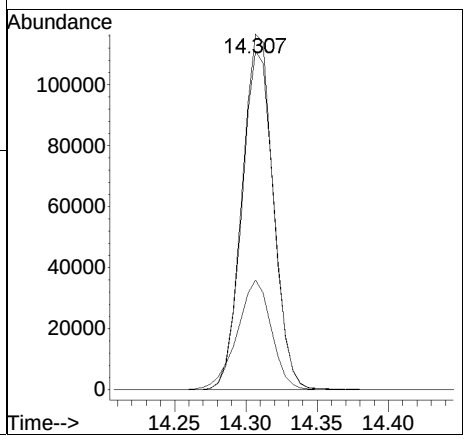


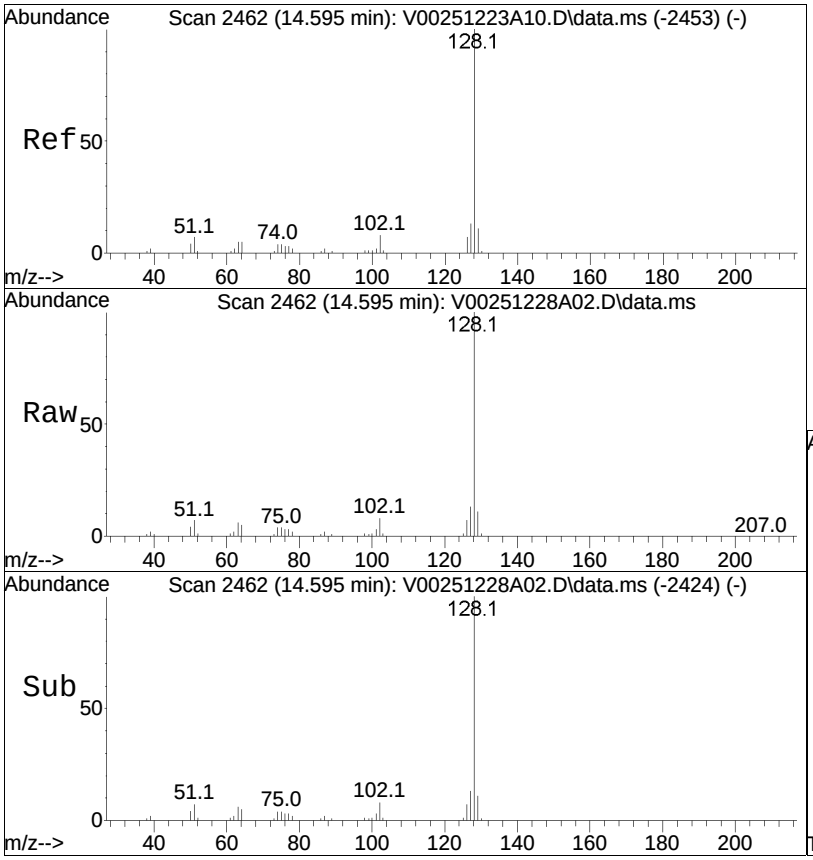


#110
1,2,4-Trichlorobenzene
Concen: 39.94 ug/L
RT: 14.307 min Scan# 2407
Delta R.T. 0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:180 Resp: 178116

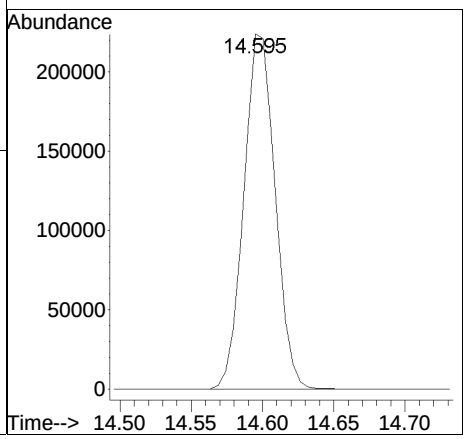
Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.8	113.6
145	33.4	29.2	43.8





#111
Naphthalene
Concen: 38.00 ug/L
RT: 14.595 min Scan# 2462
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:128 Resp: 343389



Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A02.D
Acq On : 28 Dec 2025 04:09 pm
Operator : VOA100:RAW
Sample : WG2159678-4,31h,15,15,0.1
Misc : WG2159678,ICAL22914
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 29 11:30:14 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.232	96	156739	20.000	ug/L	0.00
Standard Area 1 = 159908			Recovery = 98.02%			
60) Chlorobenzene-d5	9.792	117	139103	20.000	ug/L	0.00
Standard Area 1 = 142938			Recovery = 97.32%			
80) 1,4-Dichlorobenzene-d4	12.461	152	82408	20.000	ug/L	0.00
Standard Area 1 = 85973			Recovery = 95.85%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.404	113	44381	20.383	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.92%			
44) 1,2-Dichloroethane-d4	5.934	65	43091	19.914	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.57%			
61) Toluene-d8	7.936	98	172313	19.276	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.38%			
84) 4-Bromofluorobenzene	11.261	95	65589	19.971	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.86%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.781	85	83197	35.550	ug/L #	84
3) Chloromethane	2.007	50	103991	42.736	ug/L	97
4) Vinyl chloride	2.054	62	108316	44.886	ug/L	87
5) Bromomethane	2.379	94	69685	55.314	ug/L	100
6) Chloroethane	2.499	64	70249	46.515	ug/L	86
7) Trichlorofluoromethane	2.646	101	143465	43.183	ug/L	98
10) 1,1-Dichloroethene	3.150	96	81502	41.667	ug/L	90
11) Carbon disulfide	3.186	76	305703	38.522	ug/L	100
12) Freon-113	3.186	101	82480	42.322	ug/L	93
15) Methylene chloride	3.700	84	100523	41.501	ug/L	81
17) Acetone	3.726	43	40353	37.023	ug/L #	64
18) trans-1,2-Dichloroethene	3.863	96	94767	42.218	ug/L	97
19) Methyl acetate	3.852	43	58948	40.493	ug/L #	81
20) Methyl tert-butyl ether	3.952	73	272596	43.480	ug/L	93
23) 1,1-Dichloroethane	4.445	63	173653	43.177	ug/L	99
28) cis-1,2-Dichloroethene	4.969	96	105551	42.431	ug/L	97
32) Cyclohexane	5.184	56	161362	44.952	ug/L	92
33) Chloroform	5.231	83	183948	42.877	ug/L	97
35) Carbon tetrachloride	5.383	117	139393	41.409	ug/L	99
38) 1,1,1-Trichloroethane	5.446	97	150940	43.576	ug/L	97

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A02.D
Acq On : 28 Dec 2025 04:09 pm
Operator : VOA100:RAW
Sample : WG2159678-4,31h,15,15,0.1
Misc : WG2159678,ICAL22914
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 29 11:30:14 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) 2-Butanone	5.509	43	37992	40.524	ug/L		96
42) Benzene	5.813	78	370221	44.650	ug/L		97
45) 1,2-Dichloroethane	6.007	62	130276	43.953	ug/L		99
48) Methyl cyclohexane	6.421	83	166389	44.289	ug/L		94
49) Trichloroethene	6.411	95	103697	45.299	ug/L		94
52) 1,2-Dichloropropane	6.951	63	99472	44.752	ug/L		99
55) Bromodichloromethane	7.024	83	144463	44.540	ug/L		99
59) cis-1,3-Dichloropropene	7.716	75	168841	45.405	ug/L	#	83
62) Toluene	7.994	92	241913	39.296	ug/L		95
63) 4-Methyl-2-pentanone	8.408	58	30351	38.825	ug/L	#	51
64) Tetrachloroethene	8.456	166	115482	38.877	ug/L		93
66) trans-1,3-Dichloropropene	8.466	75	152182	40.490	ug/L		89
69) 1,1,2-Trichloroethane	8.655	83	70102	39.666	ug/L		99
70) Chlorodibromomethane	8.875	129	112436	39.269	ug/L		99
72) 1,2-Dibromoethane	9.158	107	85273	39.012	ug/L		97
73) 2-Hexanone	9.425	43	58773	37.207	ug/L	#	80
74) Chlorobenzene	9.813	112	277471	39.446	ug/L		98
75) Ethylbenzene	9.855	91	459850	39.428	ug/L		98
77) p/m Xylene	10.044	106	366410	80.327	ug/L		97
78) o Xylene	10.574	106	357403	79.274	ug/L		98
79) Styrene	10.637	104	610948	80.534	ug/L		97
81) Bromoform	10.652	173	76683	36.745	ug/L		99
83) Isopropylbenzene	10.951	105	477302	39.434	ug/L		99
86) n-Propylbenzene	11.423	91	551885	40.042	ug/L		96
88) 1,1,2,2-Tetrachloroethane	11.486	83	109195	38.258	ug/L		98
91) 1,3,5-Trimethylbenzene	11.643	105	409939	39.998	ug/L		98
95) tert-Butylbenzene	11.984	119	345948	38.862	ug/L		96
98) 1,2,4-Trimethylbenzene	12.057	105	406424	40.081	ug/L		99
99) sec-Butylbenzene	12.173	105	528966	39.998	ug/L		100
100) p-Isopropyltoluene	12.325	119	459230	40.218	ug/L		99
101) 1,3-Dichlorobenzene	12.383	146	248881	39.514	ug/L		98
102) 1,4-Dichlorobenzene	12.477	146	252447	39.514	ug/L		98
104) n-Butylbenzene	12.750	91	421383	41.469	ug/L		98
105) 1,2-Dichlorobenzene	12.896	146	233270	39.309	ug/L		97
107) 1,2-Dibromo-3-chloropr...	13.667	155	20909	35.897	ug/L		92
110) 1,2,4-Trichlorobenzene	14.307	180	178116	39.941	ug/L		98
111) Naphthalene	14.595	128	343389	37.996	ug/L		100

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

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A02.D
Acq On : 28 Dec 2025 04:09 pm
Operator : VOA100:RAW
Sample : WG2159678-4,31h,15,15,0.1
Misc : WG2159678,ICAL22914
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 29 11:30:14 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251228A\V00251228A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

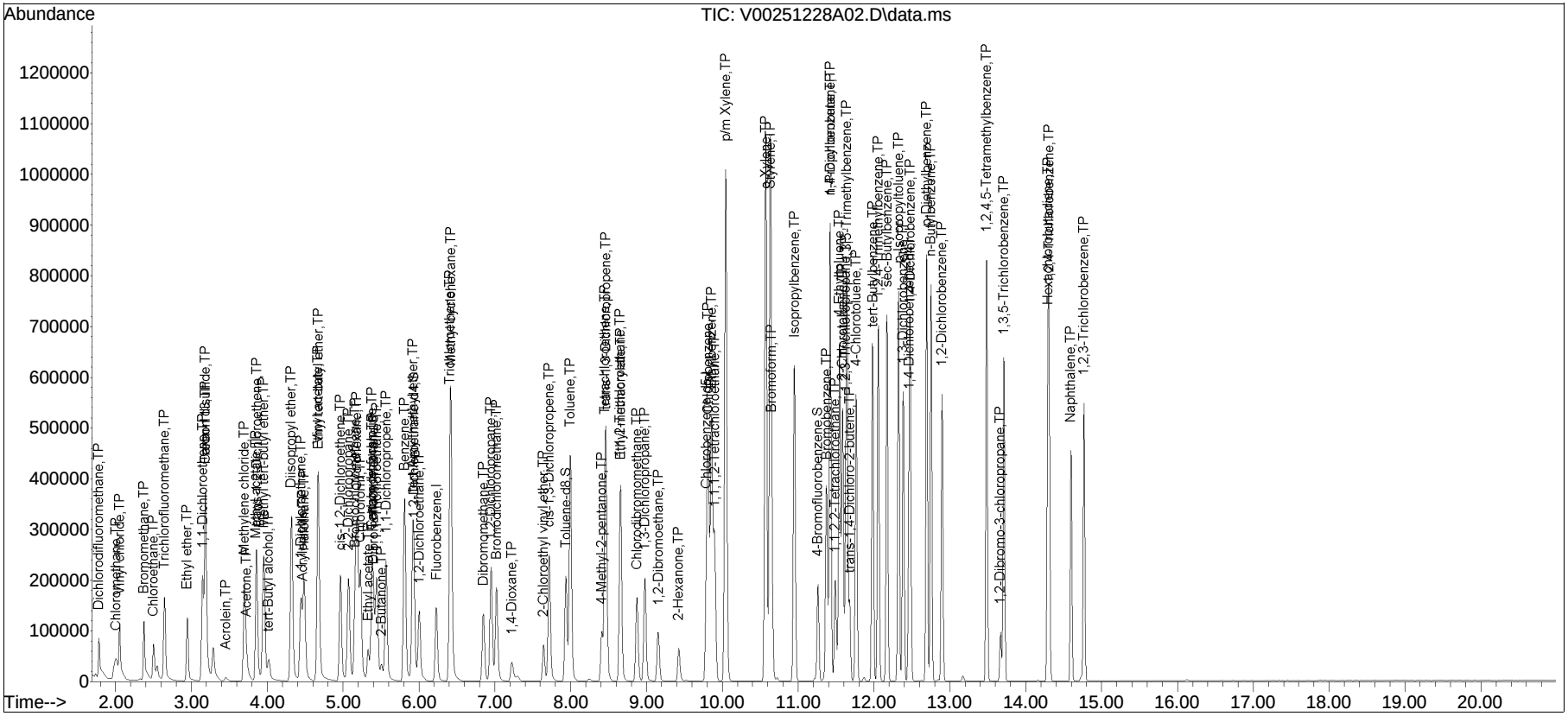
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

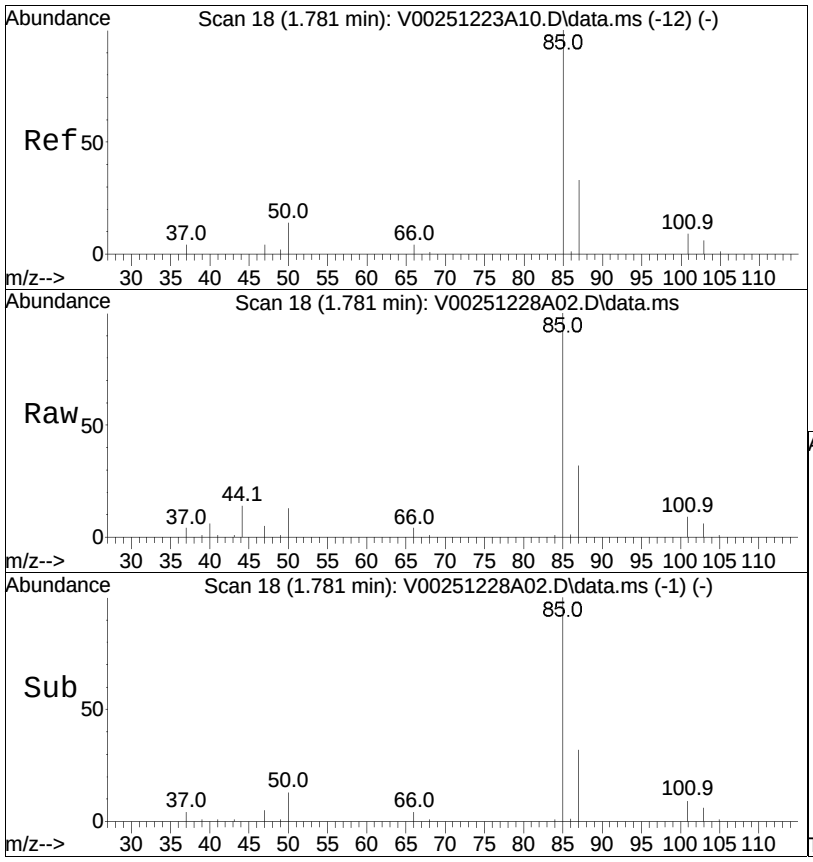
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251228A\
Data File : V00251228A02.D
Acq On : 28 Dec 2025 04:09 pm
Operator : VOA100:RAW
Sample : WG2159678-4,31h,15,15,0.1
Misc : WG2159678,ICAL22914
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 29 11:30:14 2025
Quant Method : K:\VOA100\2025\251228A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox28A01.D•

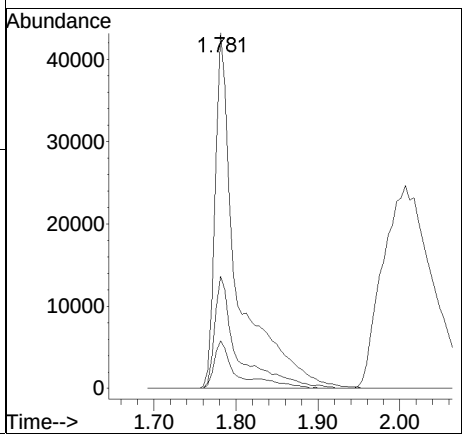


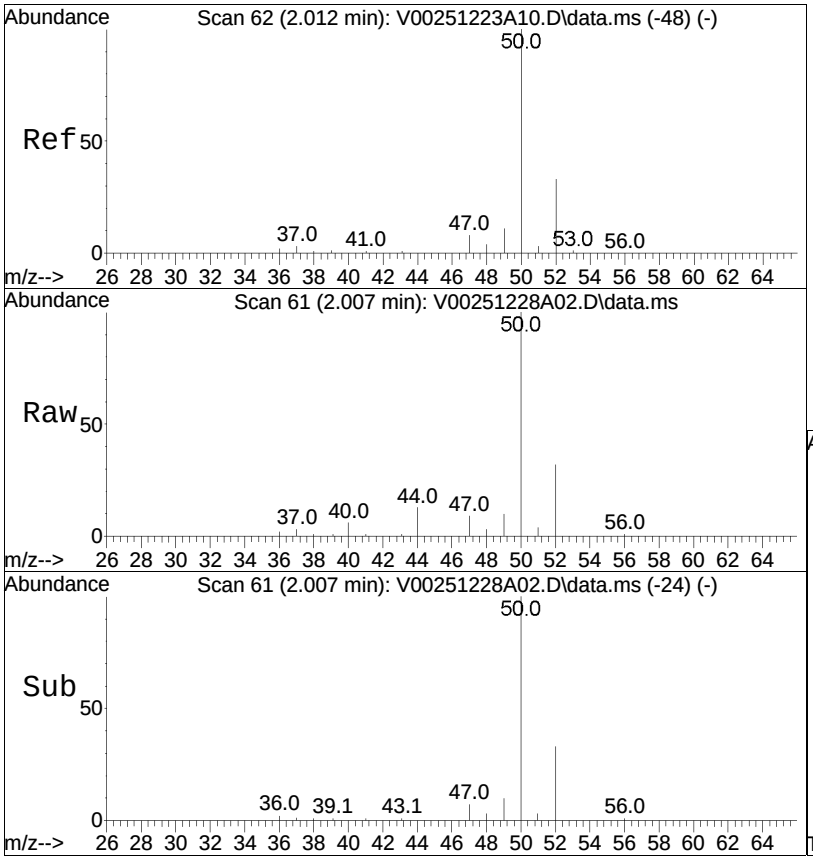


#2
Dichlorodifluoromethane
Concen: 35.55 ug/L
RT: 1.781 min Scan# 18
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 85 Resp: 83197

Ion	Ratio	Lower	Upper
85	100		
87	32.5	14.6	30.2#
50	10.3	6.1	12.7

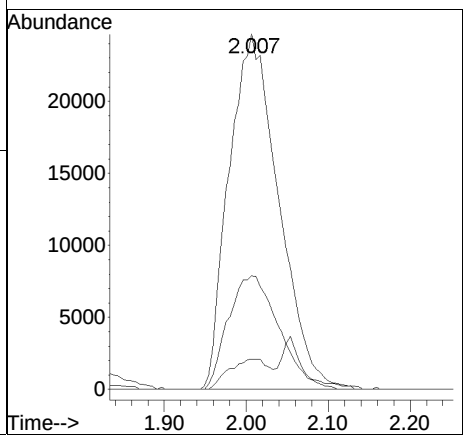


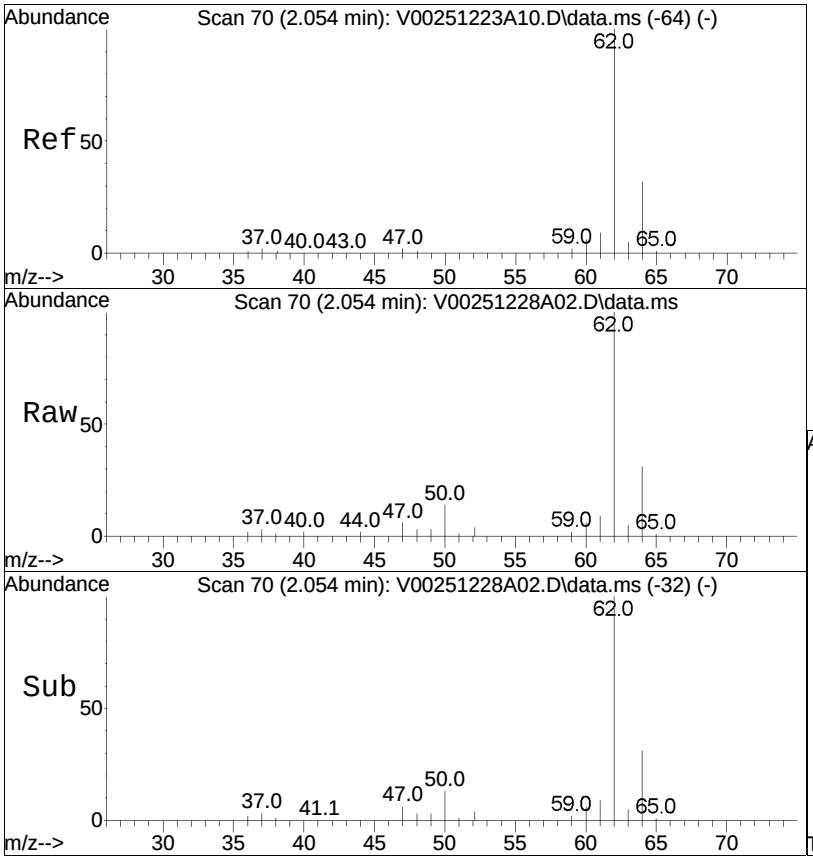


#3
Chloromethane
Concen: 42.74 ug/L
RT: 2.007 min Scan# 61
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 50 Resp: 103991

Ion	Ratio	Lower	Upper
50	100		
52	32.5	14.2	54.2
47	6.8	0.0	28.0

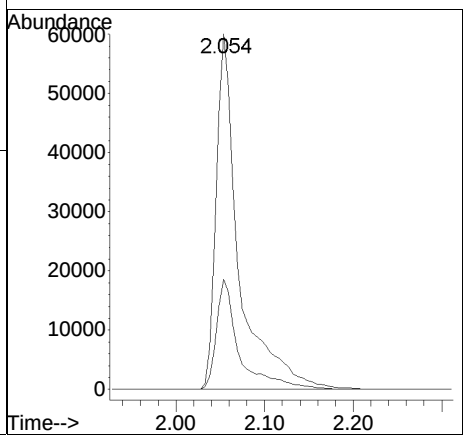


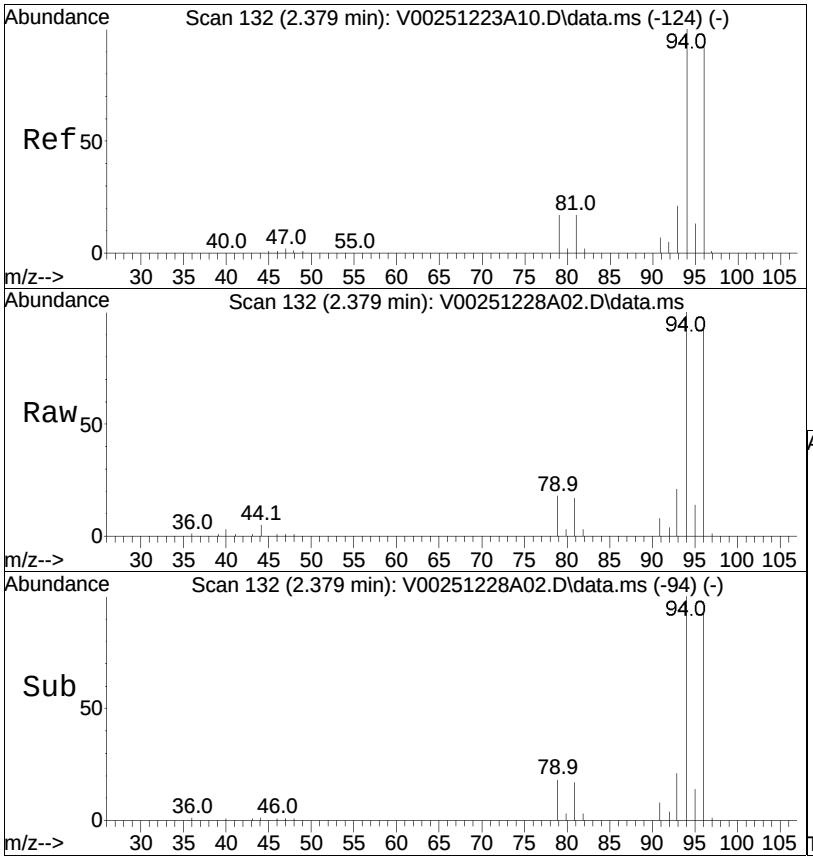


#4
Vinyl chloride
Concen: 44.89 ug/L
RT: 2.054 min Scan# 70
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 62 Resp: 108316

Ion	Ratio	Lower	Upper
62	100		
64	30.8	4.4	44.4

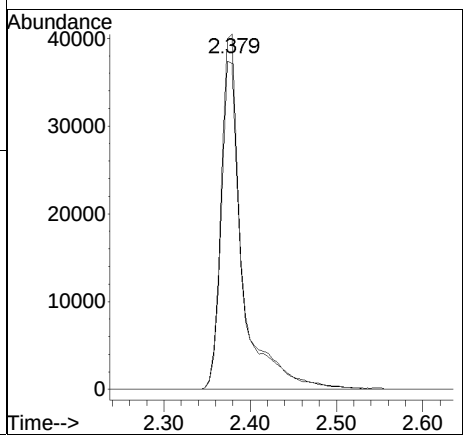


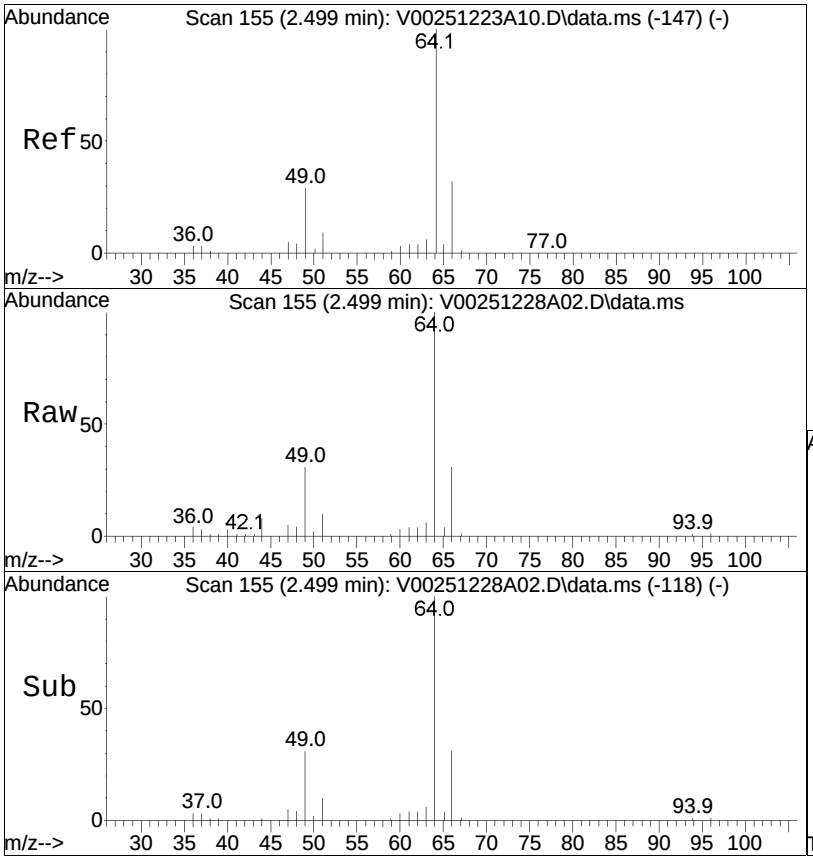


#5
Bromomethane
Concen: 55.31 ug/L
RT: 2.379 min Scan# 132
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 94 Resp: 69685

Ion	Ratio	Lower	Upper
94	100		
96	92.8	72.4	112.4

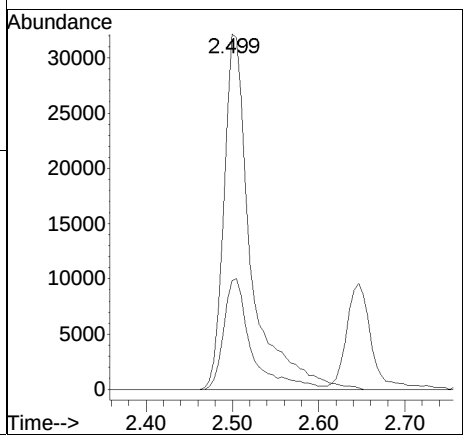


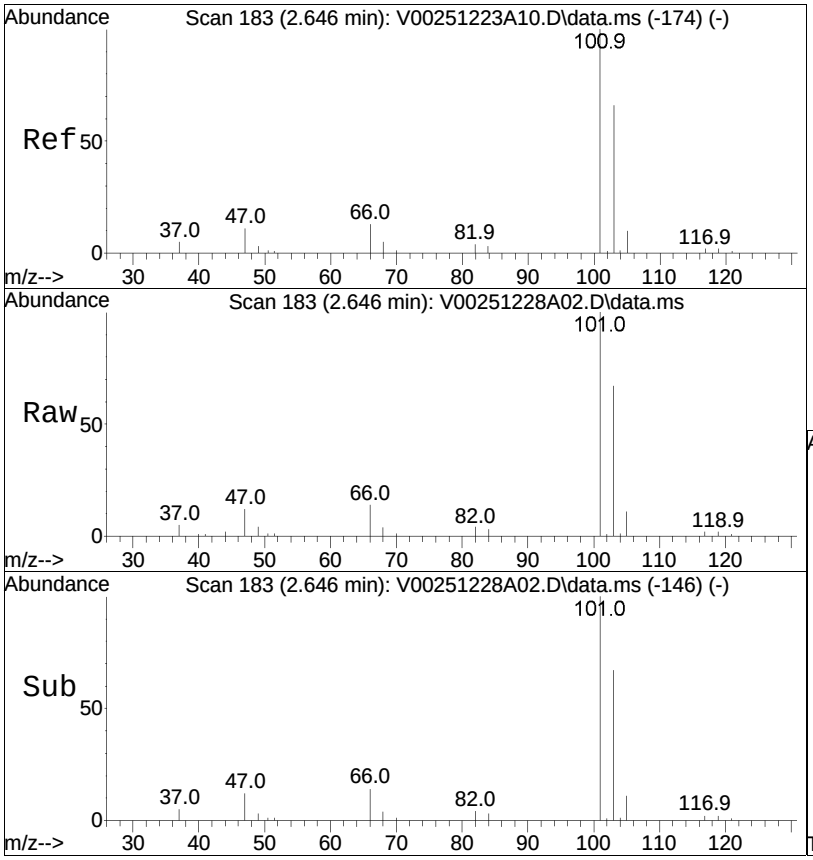


#6
Chloroethane
Concen: 46.51 ug/L
RT: 2.499 min Scan# 155
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 64 Resp: 70249

Ion	Ratio	Lower	Upper
64	100		
66	32.0	4.8	44.8

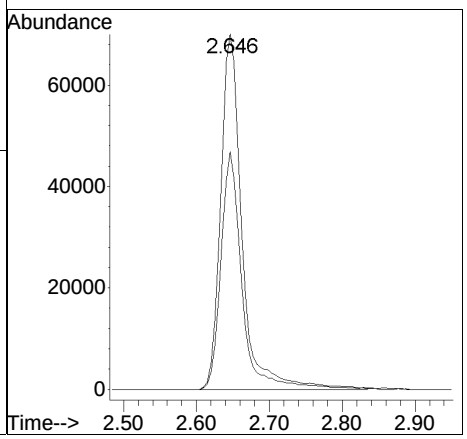


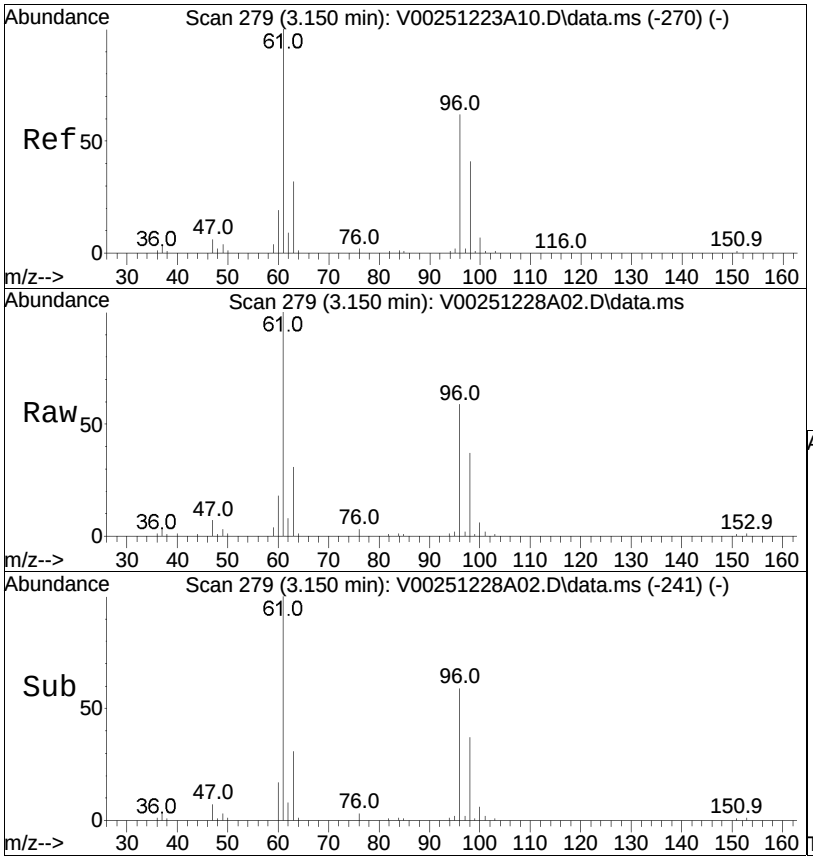


#7
Trichlorofluoromethane
Concen: 43.18 ug/L
RT: 2.646 min Scan# 183
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:101 Resp: 143465

Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.5	77.3

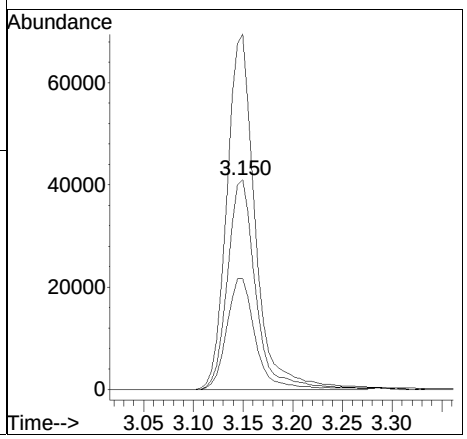


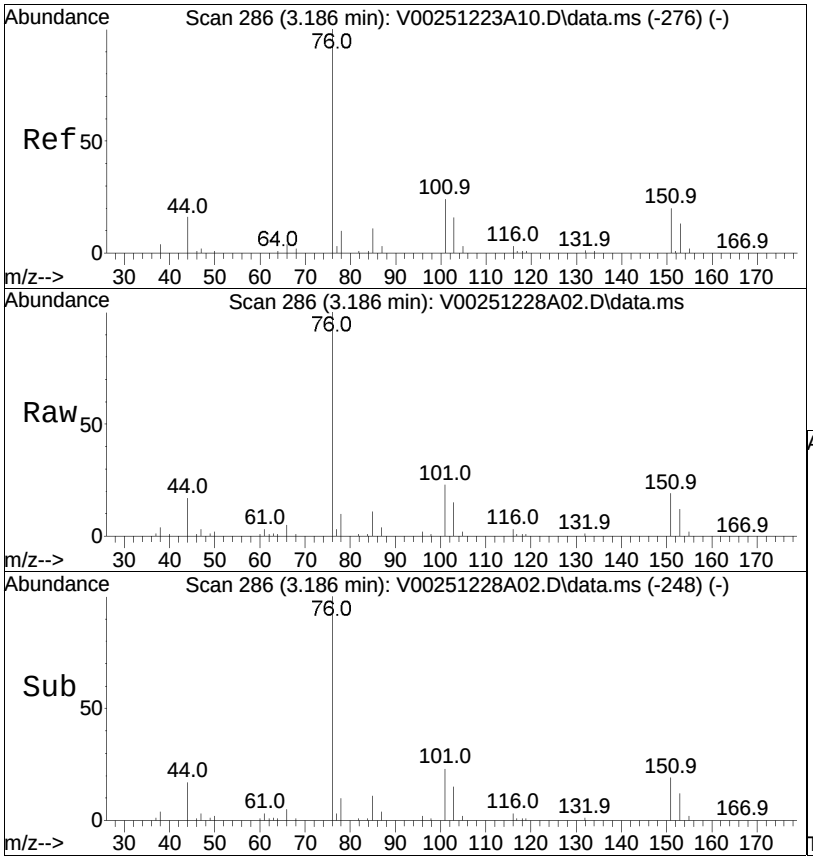


#10
1,1-Dichloroethene
Concen: 41.67 ug/L
RT: 3.150 min Scan# 279
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 96 Resp: 81502

Ion	Ratio	Lower	Upper
96	100		
61	170.5	149.4	224.2
63	53.8	47.0	70.6

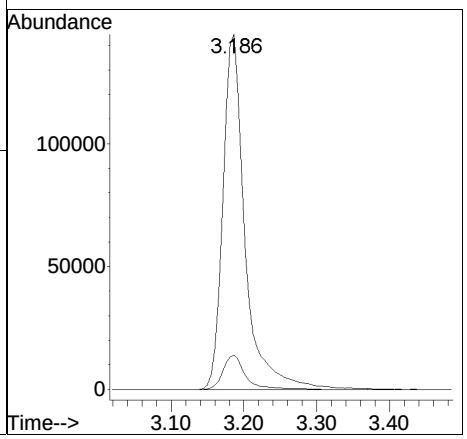


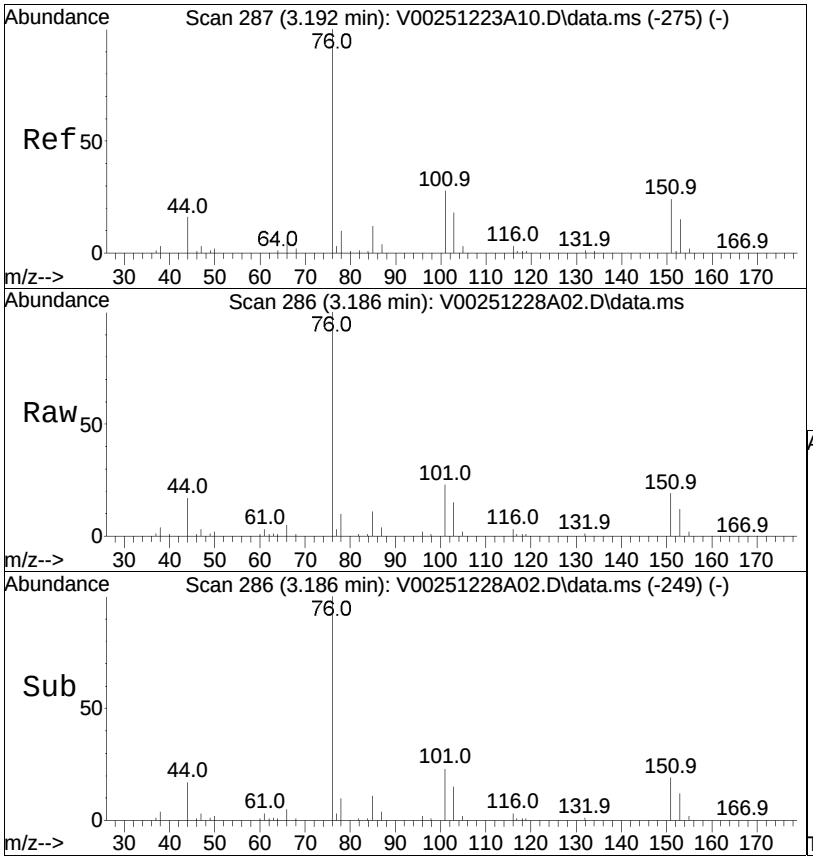


#11
Carbon disulfide
Concen: 38.52 ug/L
RT: 3.186 min Scan# 286
Delta R.T. 0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 76 Resp: 305703

Ion	Ratio	Lower	Upper
76	100		
78	9.7	6.4	13.4

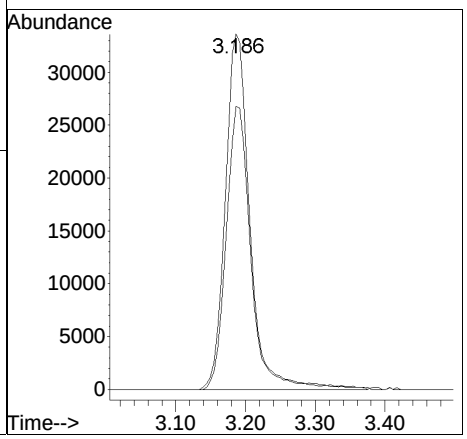


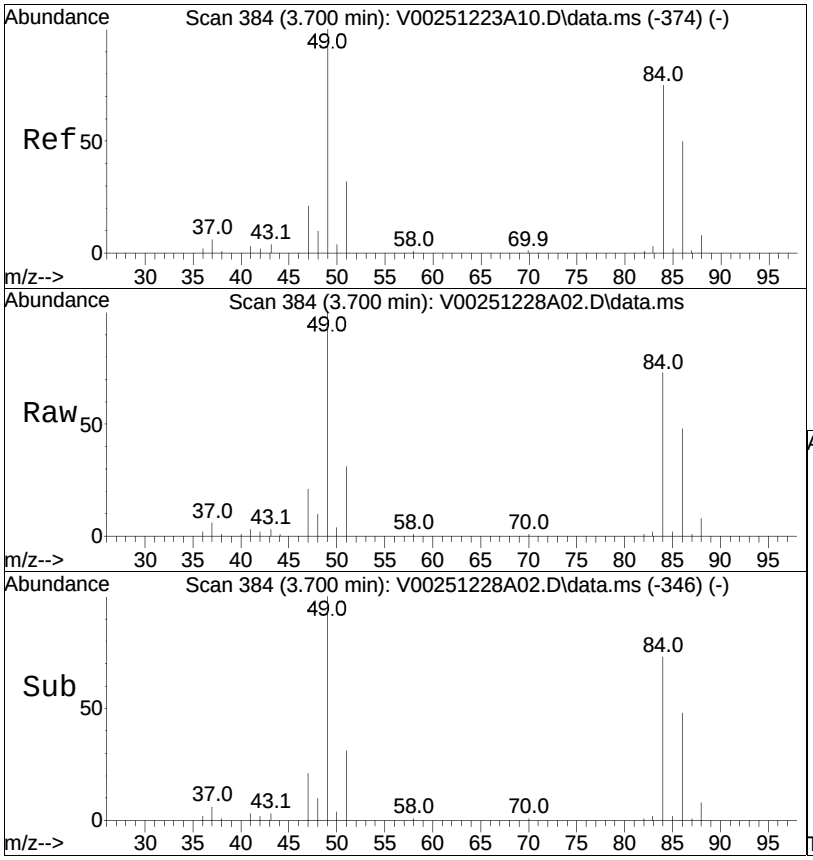


#12
Freon-113
Concen: 42.32 ug/L
RT: 3.186 min Scan# 286
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:101 Resp: 82480

Ion	Ratio	Lower	Upper
101	100		
151	79.1	58.9	88.3

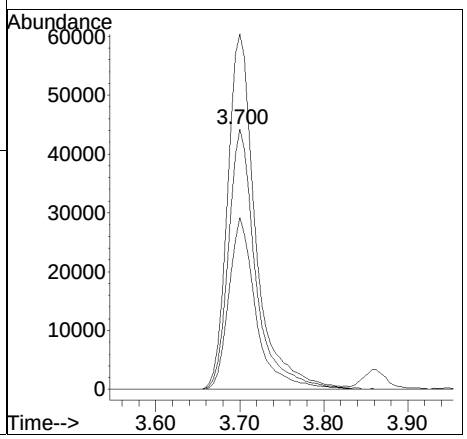


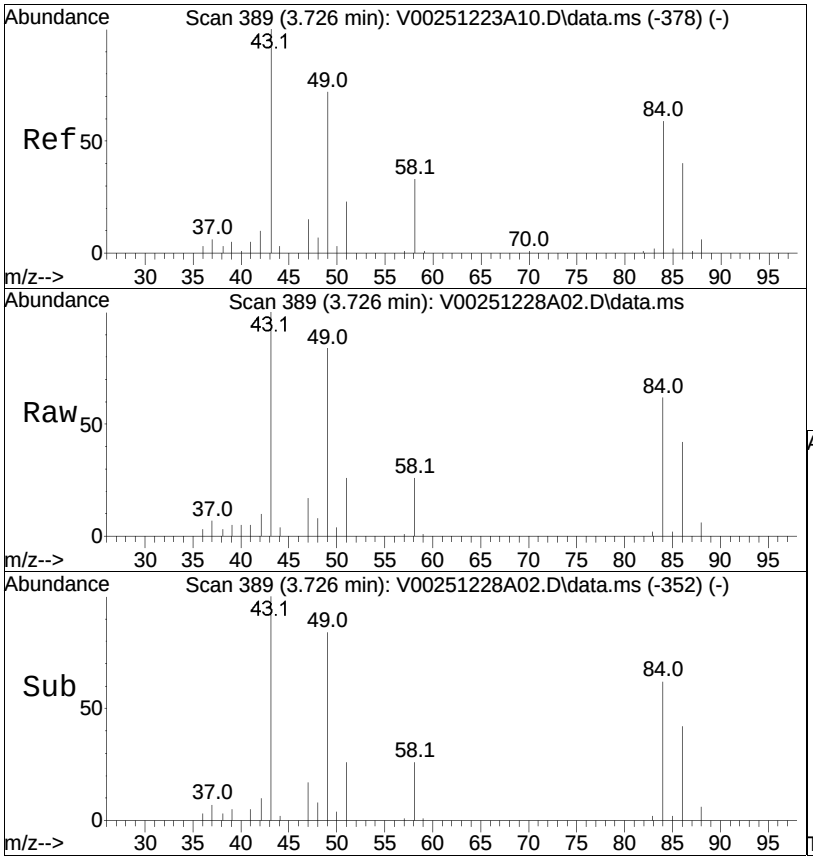


#15
Methylene chloride
Concen: 41.50 ug/L
RT: 3.700 min Scan# 384
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 84 Resp: 100523

Ion	Ratio	Lower	Upper
84	100		
86	65.7	39.6	82.2
49	139.5	72.7	150.9

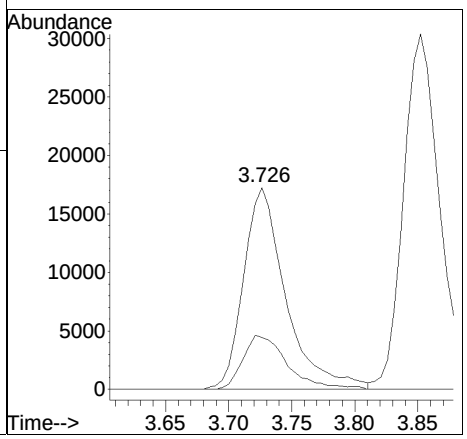


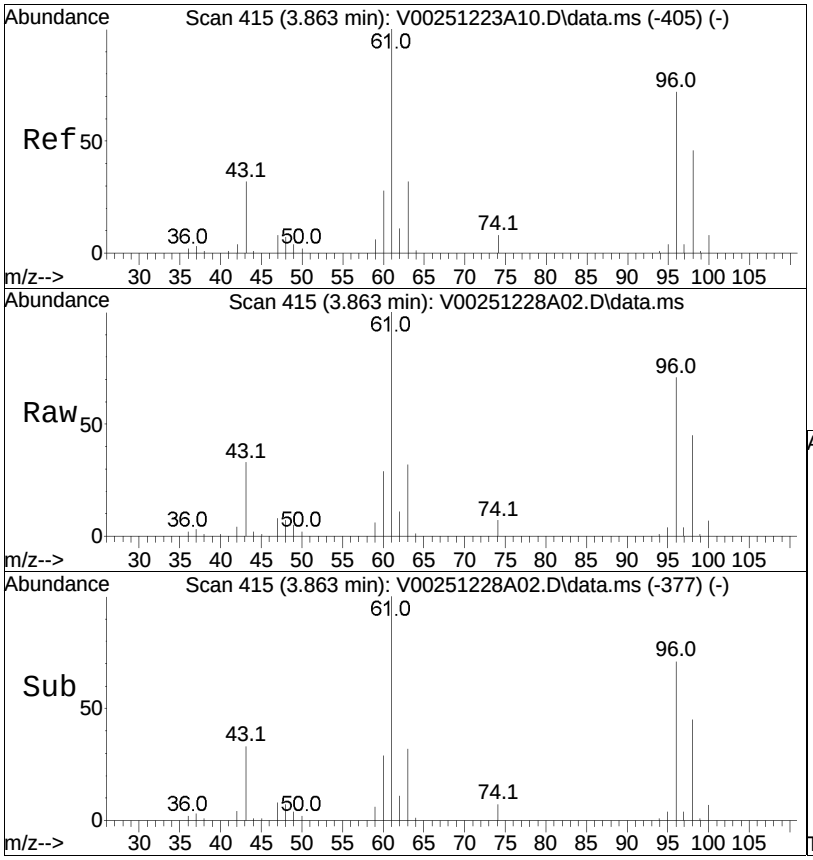


#17
Acetone
Concen: 37.02 ug/L
RT: 3.726 min Scan# 389
Delta R.T. -0.006 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 43 Resp: 40353

Ion	Ratio	Lower	Upper
43	100		
58	13.3	27.2	40.8#

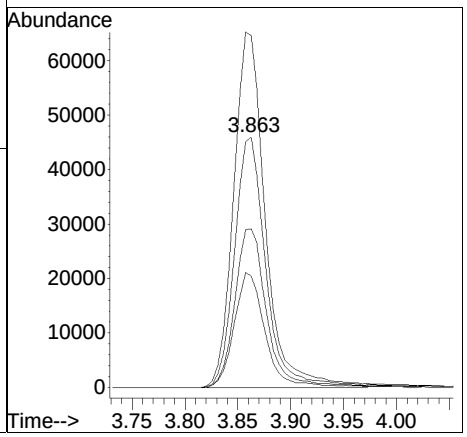


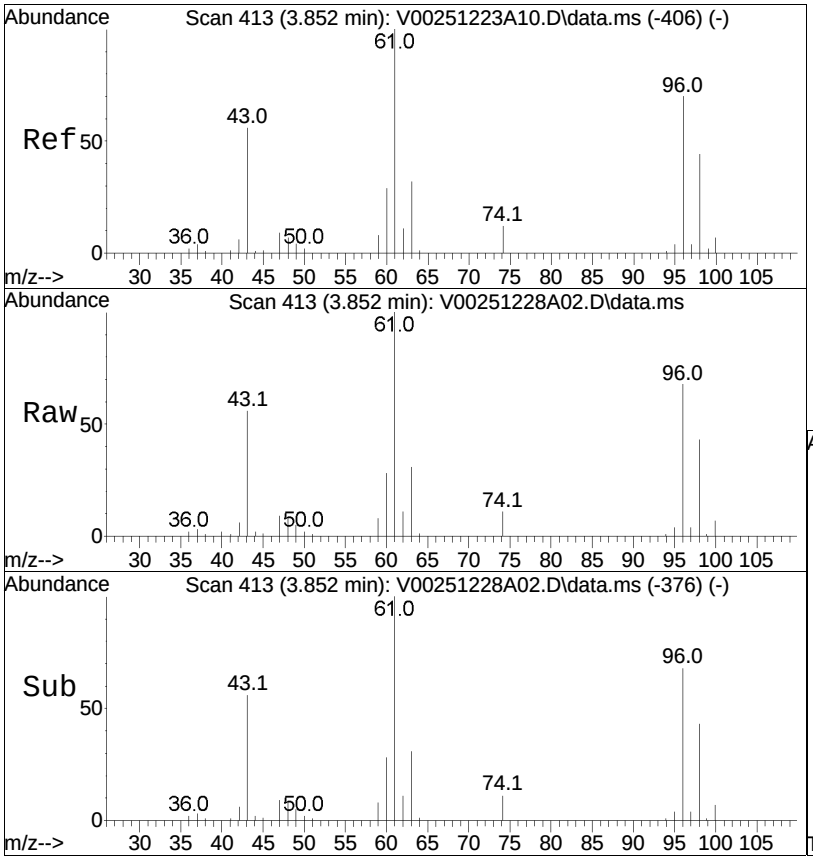


#18
trans-1,2-Dichloroethene
Concen: 42.22 ug/L
RT: 3.863 min Scan# 415
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 96 Resp: 94767

Ion	Ratio	Lower	Upper
96	100		
61	144.2	96.5	200.5
98	64.9	40.6	84.2
63	44.8	30.2	62.8

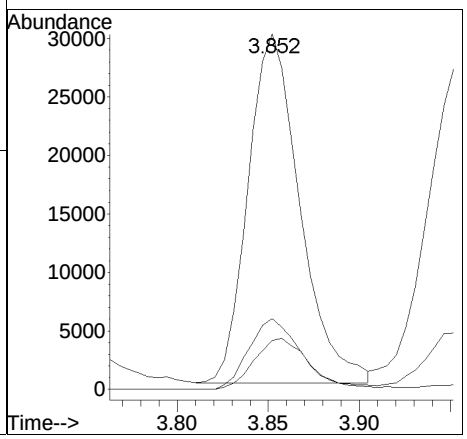


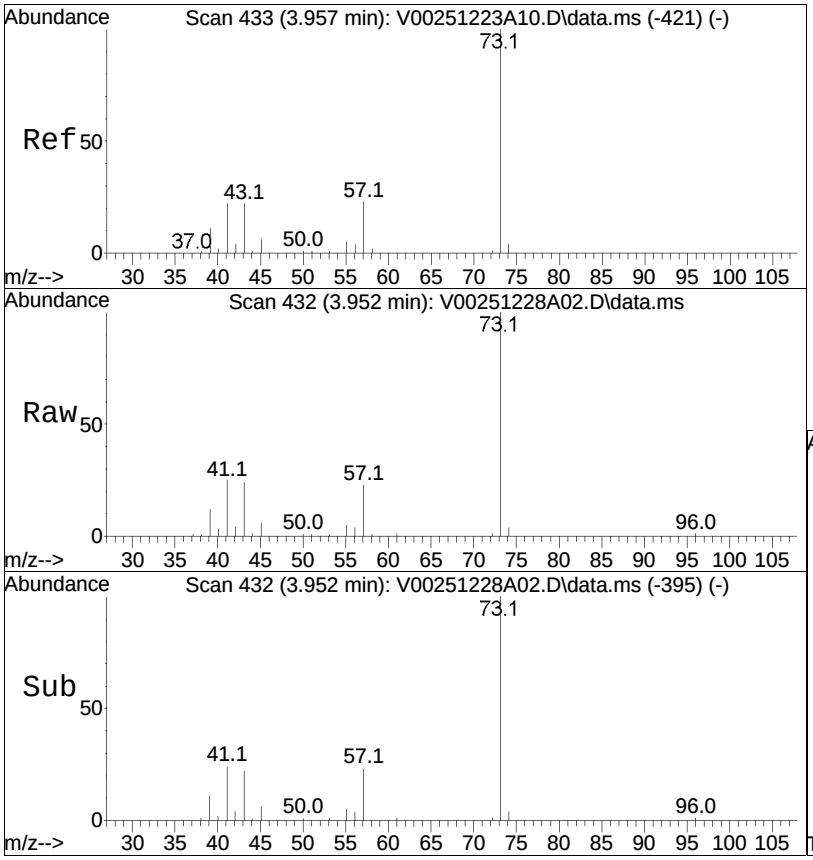


#19
Methyl acetate
Concen: 40.49 ug/L
RT: 3.852 min Scan# 413
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 43 Resp: 58948

Ion	Ratio	Lower	Upper
43	100		
74	20.9	22.7	34.1#
59	15.5	22.9	34.3#

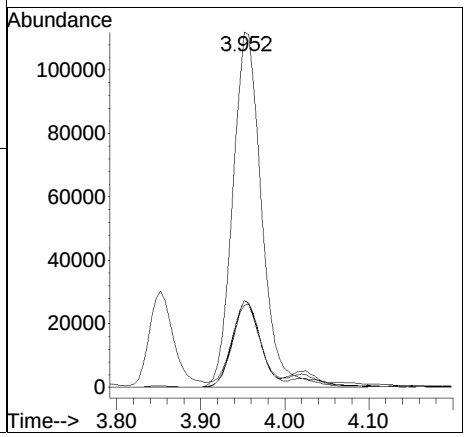


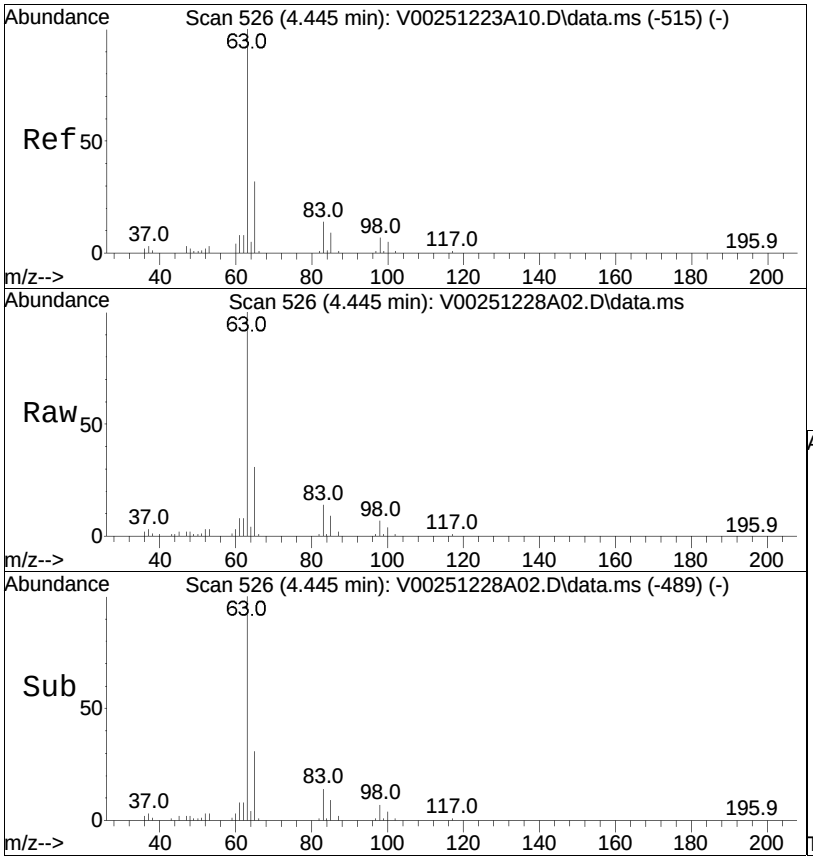


#20
Methyl tert-butyl ether
Concen: 43.48 ug/L
RT: 3.952 min Scan# 432
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 73 Resp: 272596

Ion	Ratio	Lower	Upper
73	100		
57	22.5	14.7	30.5
43	23.6	12.5	26.1
41	23.1	11.6	24.0

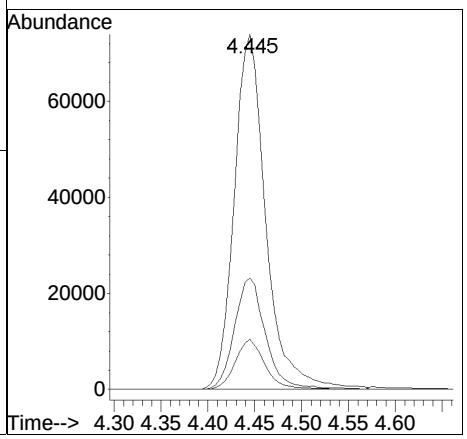


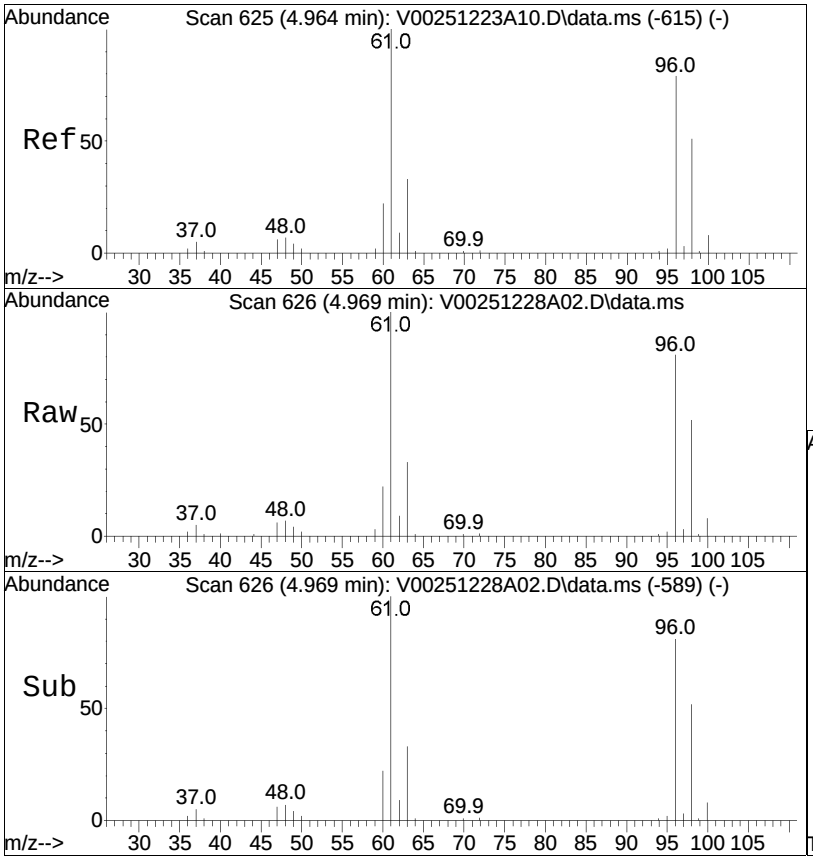


#23
1,1-Dichloroethane
Concen: 43.18 ug/L
RT: 4.445 min Scan# 526
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 63 Resp: 173653

Ion	Ratio	Lower	Upper
63	100		
65	31.0	10.4	50.4
83	13.3	0.0	32.6

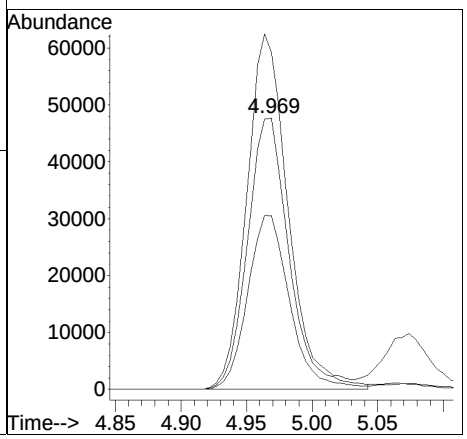


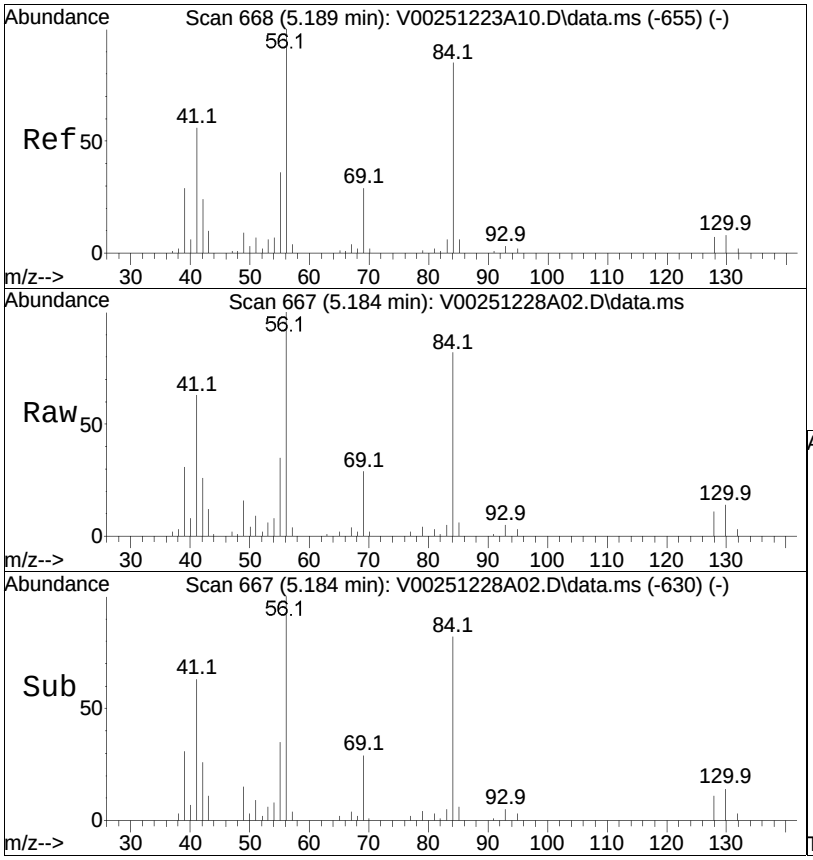


#28
cis-1,2-Dichloroethene
Concen: 42.43 ug/L
RT: 4.969 min Scan# 626
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 96 Resp: 105551

Ion	Ratio	Lower	Upper
96	100		
61	130.0	107.8	161.8
98	64.7	51.4	77.0

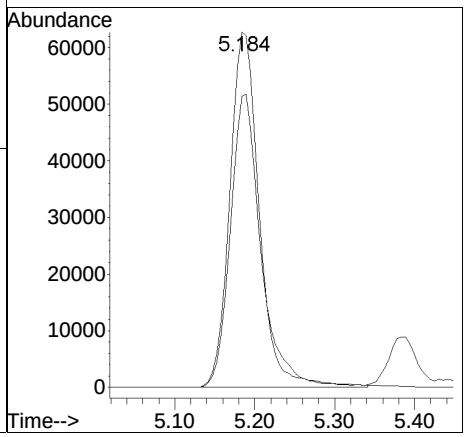


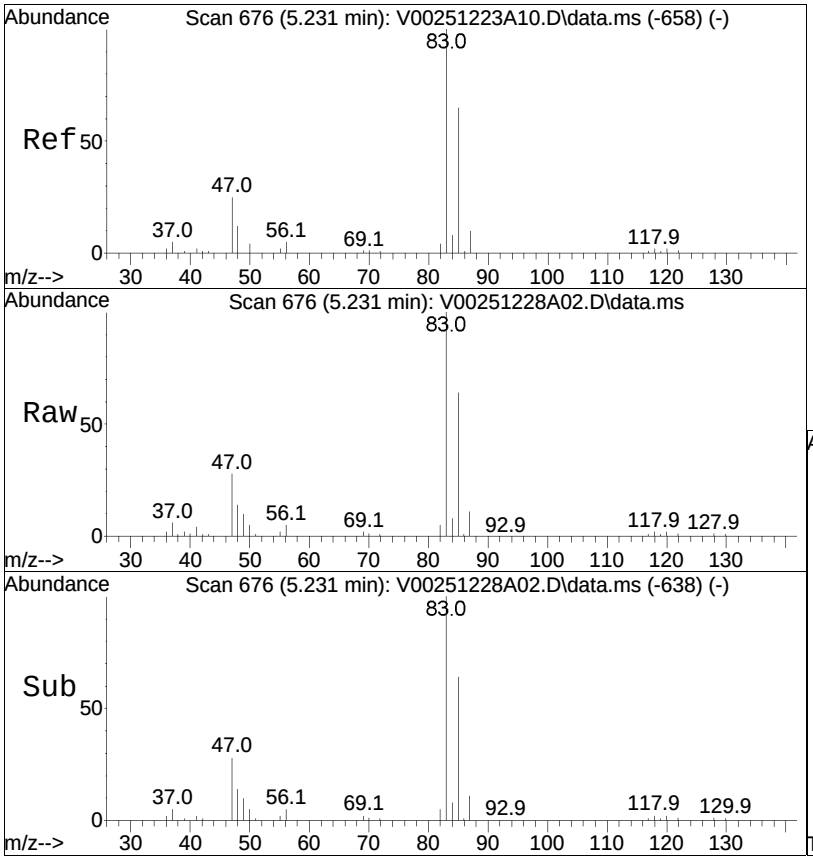


#32
Cyclohexane
Concen: 44.95 ug/L
RT: 5.184 min Scan# 667
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 56 Resp: 161362

Ion	Ratio	Lower	Upper
56	100		
84	85.5	60.3	125.1

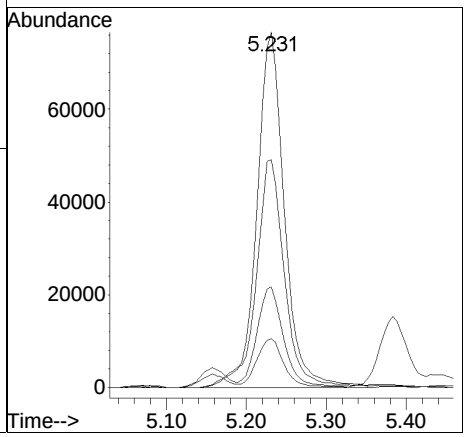


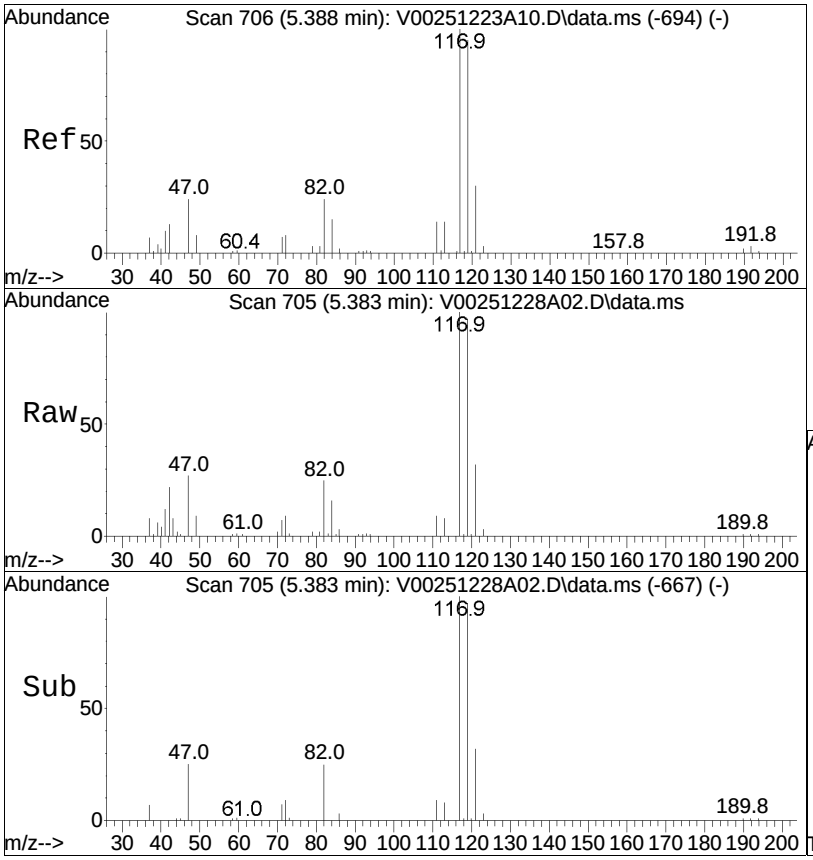


#33
Chloroform
Concen: 42.88 ug/L
RT: 5.231 min Scan# 676
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 83 Resp: 183948

Ion	Ratio	Lower	Upper
83	100		
85	66.1	43.3	89.9
47	26.0	14.4	29.8
48	13.5	7.5	15.7

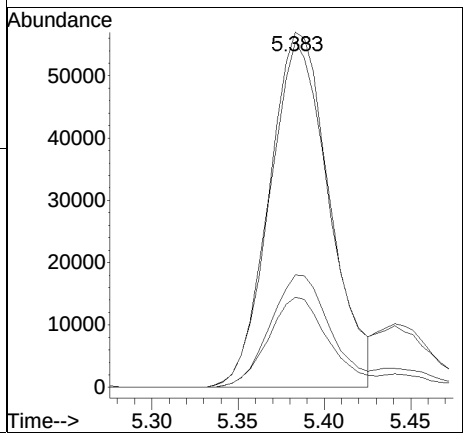


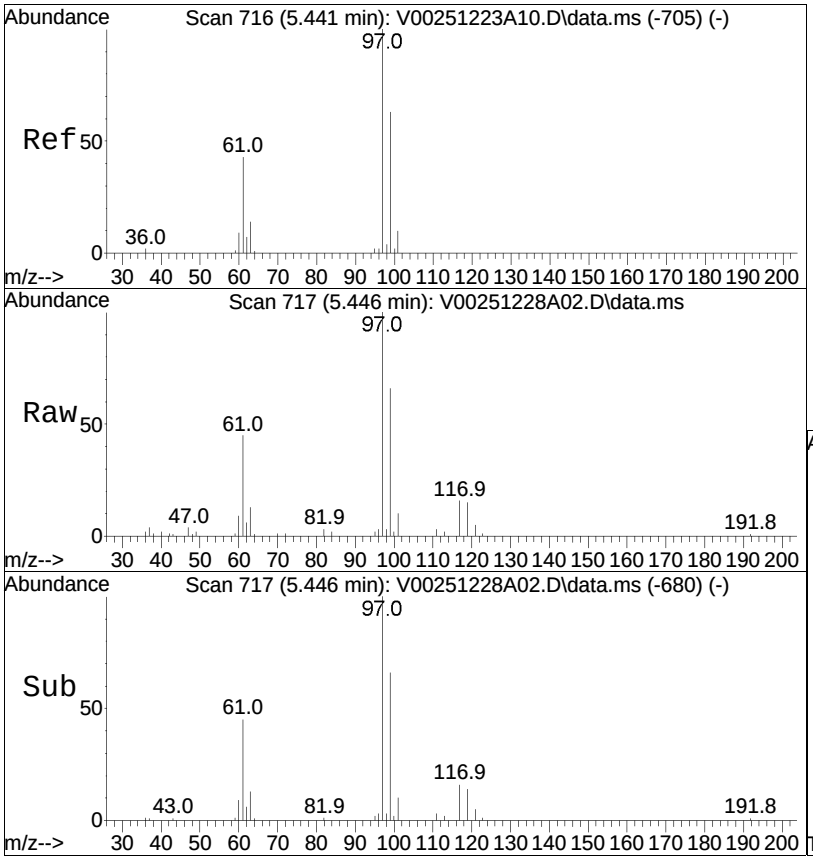


#35
Carbon tetrachloride
Concen: 41.41 ug/L
RT: 5.383 min Scan# 705
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:117 Resp: 139393

Ion	Ratio	Lower	Upper
117	100		
119	95.6	62.7	130.3
121	31.4	20.5	42.7
82	25.6	17.4	36.2

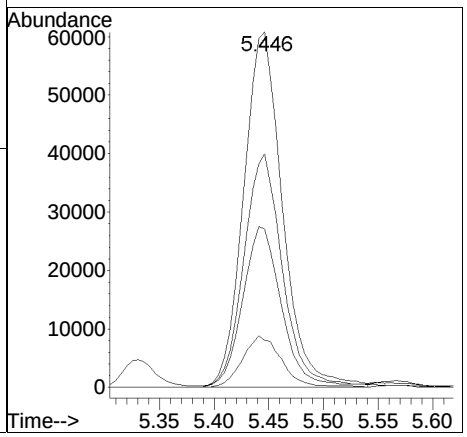


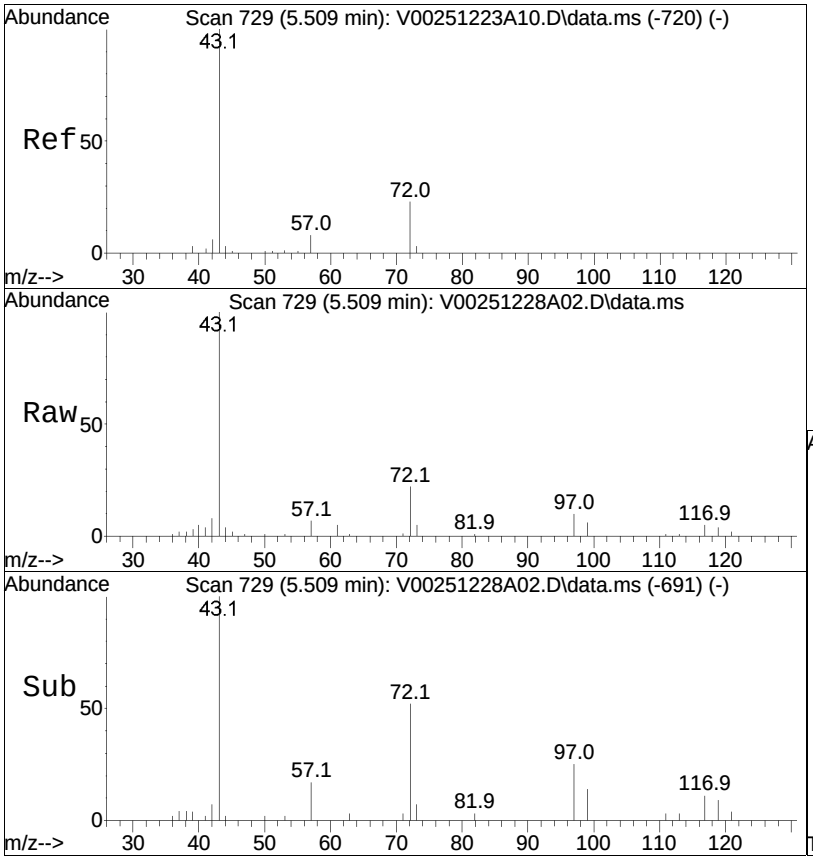


#38
1,1,1-Trichloroethane
Concen: 43.58 ug/L
RT: 5.446 min Scan# 717
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 97 Resp: 150940

Ion	Ratio	Lower	Upper
97	100		
99	66.1	41.5	86.3
61	45.1	30.6	63.6
63	14.6	9.9	20.5

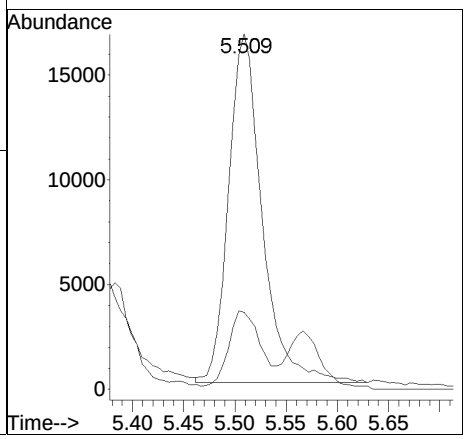


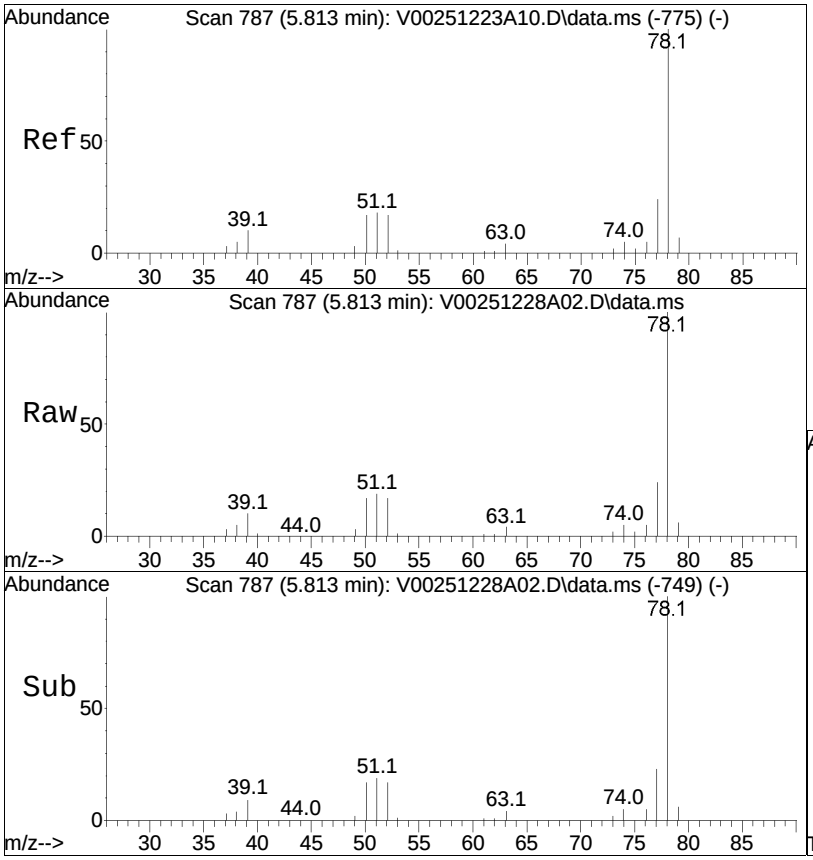


#40
2-Butanone
Concen: 40.52 ug/L
RT: 5.509 min Scan# 729
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 43 Resp: 37992

Ion	Ratio	Lower	Upper
43	100		
72	22.2	19.4	29.0

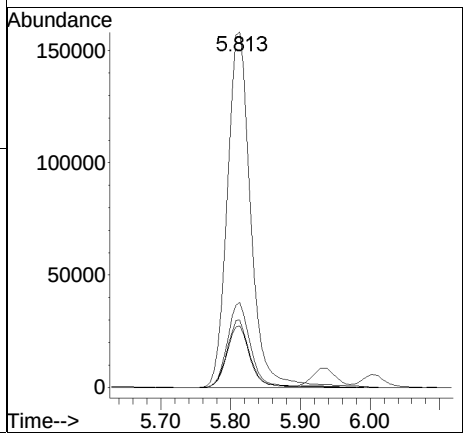


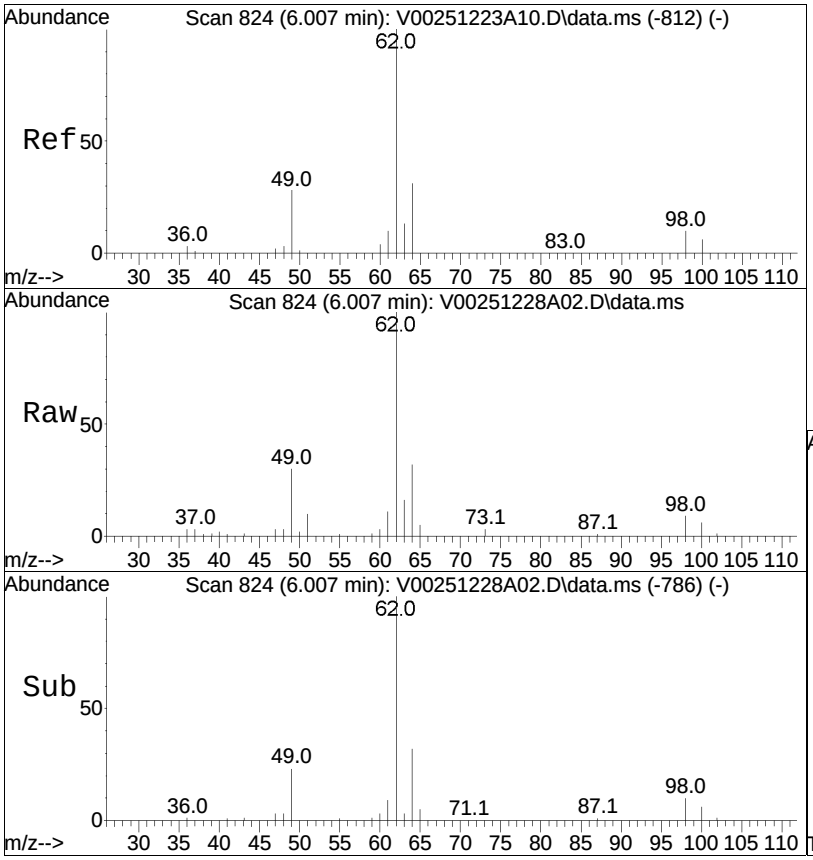


#42
Benzene
Concen: 44.65 ug/L
RT: 5.813 min Scan# 787
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 78 Resp: 370221

Ion	Ratio	Lower	Upper
78	100		
77	23.6	15.6	32.4
51	18.1	10.2	21.2
52	16.8	9.6	19.8

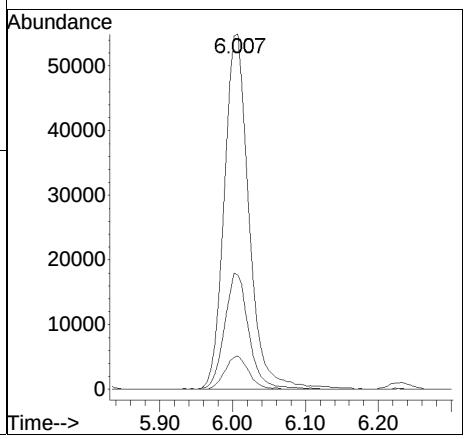


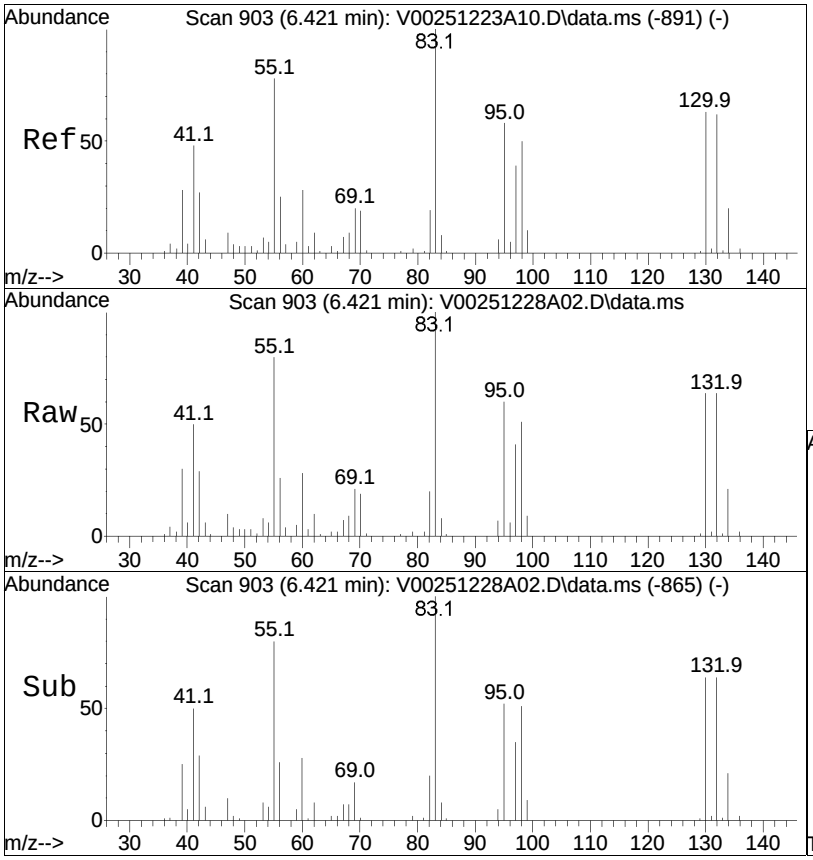


#45
1,2-Dichloroethane
Concen: 43.95 ug/L
RT: 6.007 min Scan# 824
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 62 Resp: 130276

Ion	Ratio	Lower	Upper
62	100		
64	32.1	12.6	52.6
98	9.1	0.0	28.7

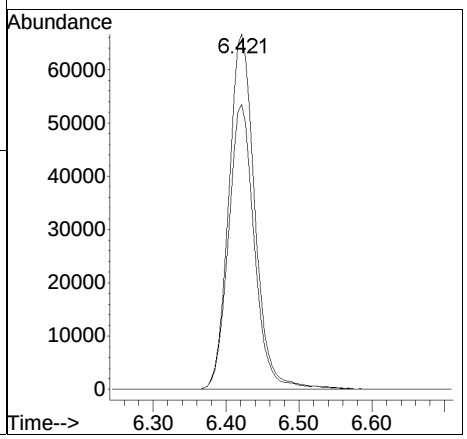


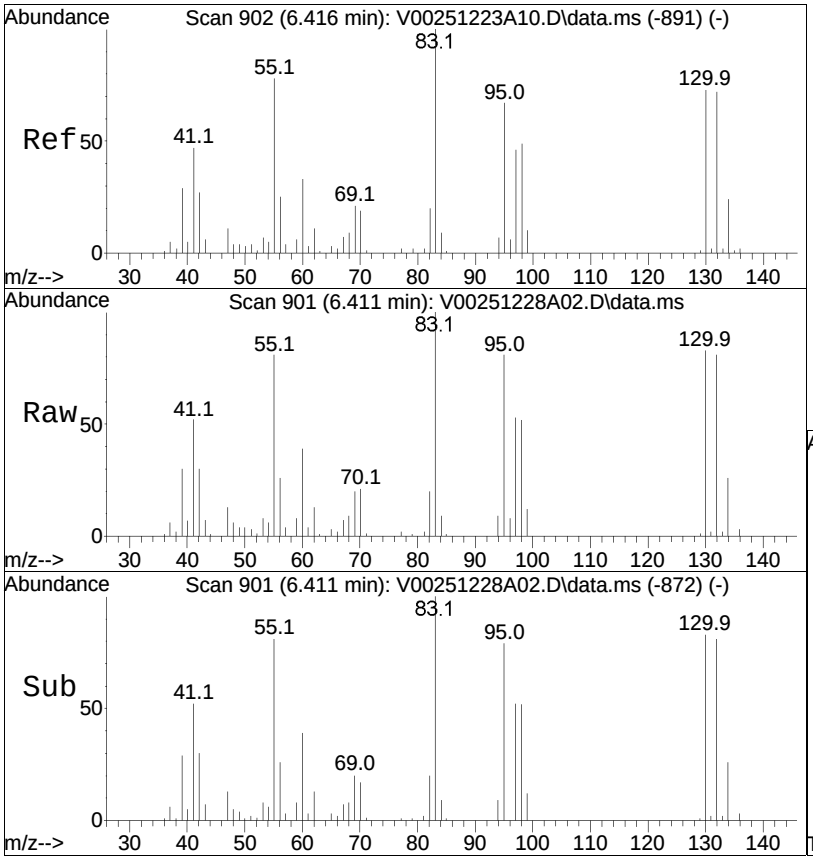


#48
Methyl cyclohexane
Concen: 44.29 ug/L
RT: 6.421 min Scan# 903
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 83 Resp: 166389

Ion	Ratio	Lower	Upper
83	100		
55	80.0	60.0	90.0

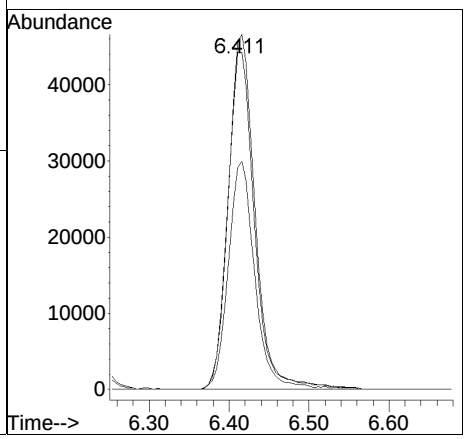


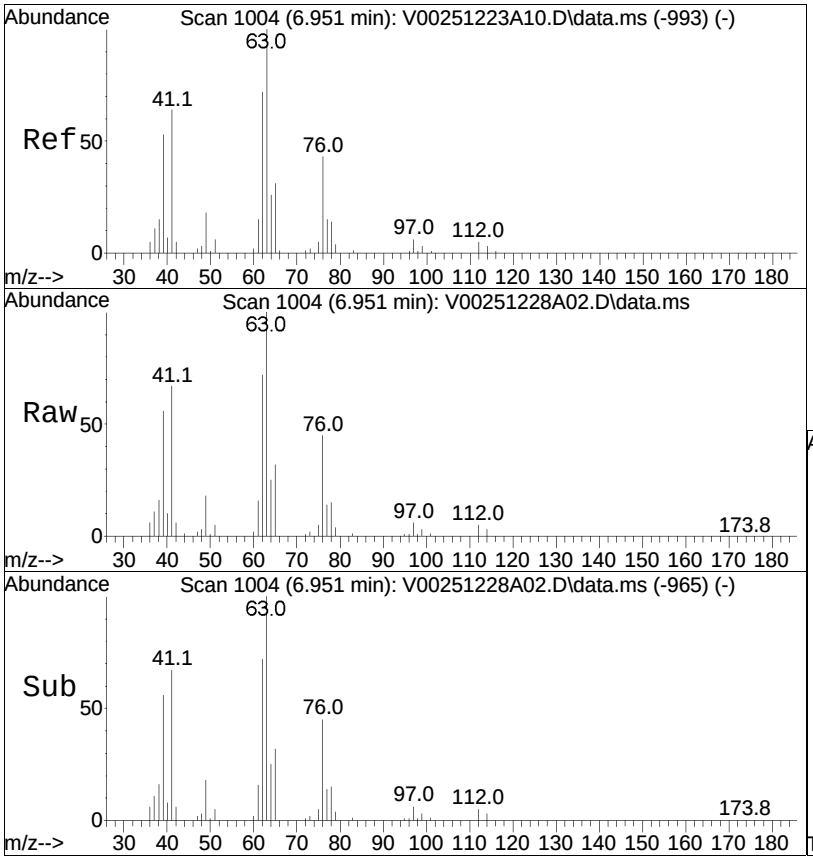


#49
Trichloroethene
Concen: 45.30 ug/L
RT: 6.411 min Scan# 901
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 95 Resp: 103697

Ion	Ratio	Lower	Upper
95	100		
97	67.1	54.2	81.4
130	105.1	77.0	115.6

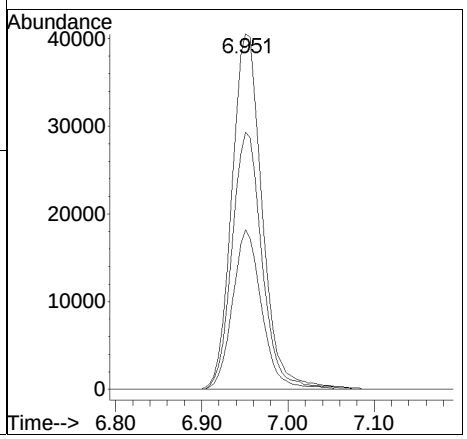


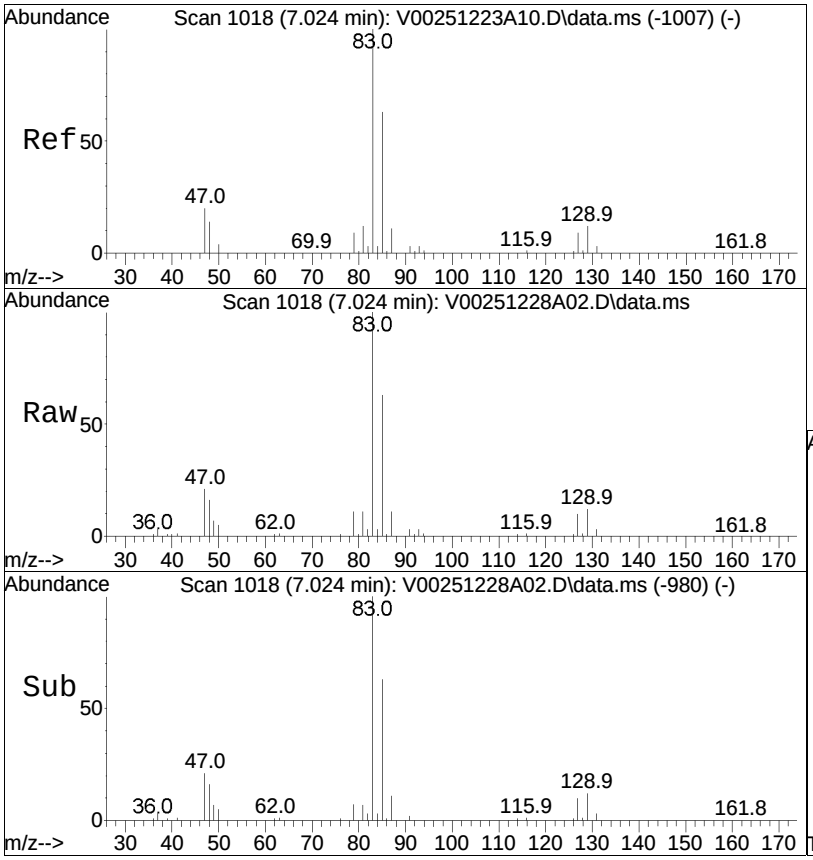


#52
1,2-Dichloropropane
Concen: 44.75 ug/L
RT: 6.951 min Scan# 1004
Delta R.T. 0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 63 Resp: 99472

Ion	Ratio	Lower	Upper
63	100		
62	71.7	57.8	86.8
76	43.2	34.0	51.0

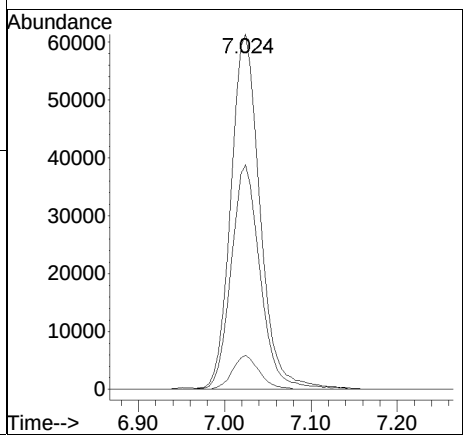


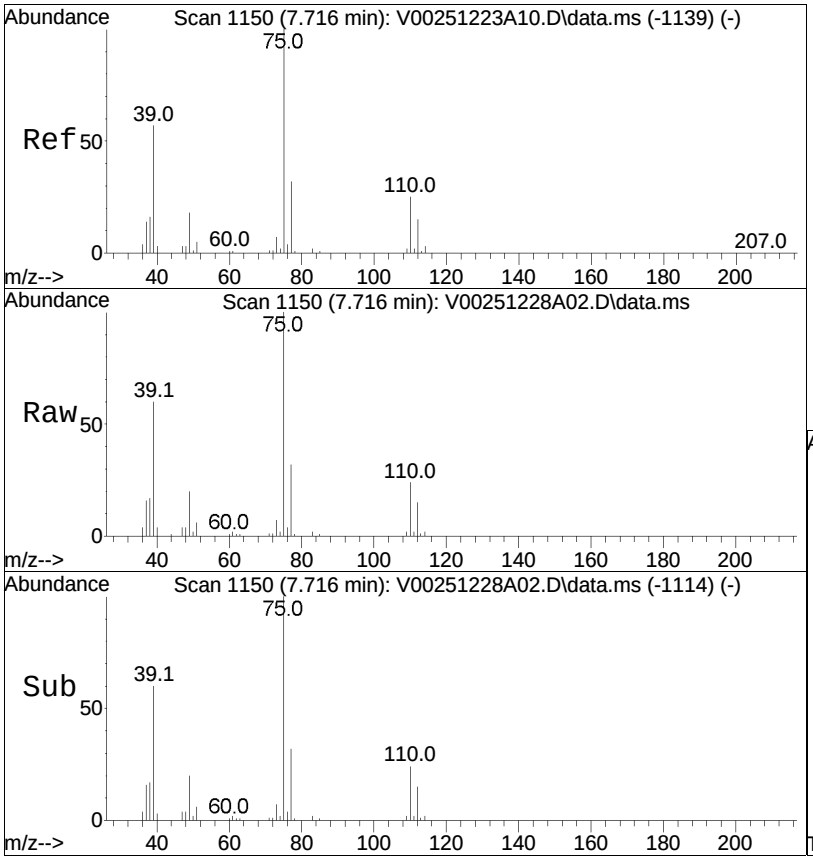


#55
Bromodichloromethane
Concen: 44.54 ug/L
RT: 7.024 min Scan# 1018
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 83 Resp: 144463

Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.9	76.3
127	8.9	6.6	9.8

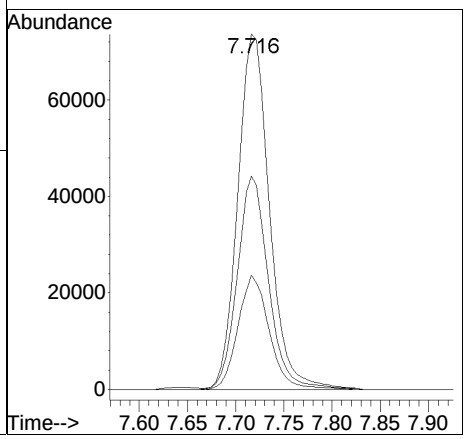


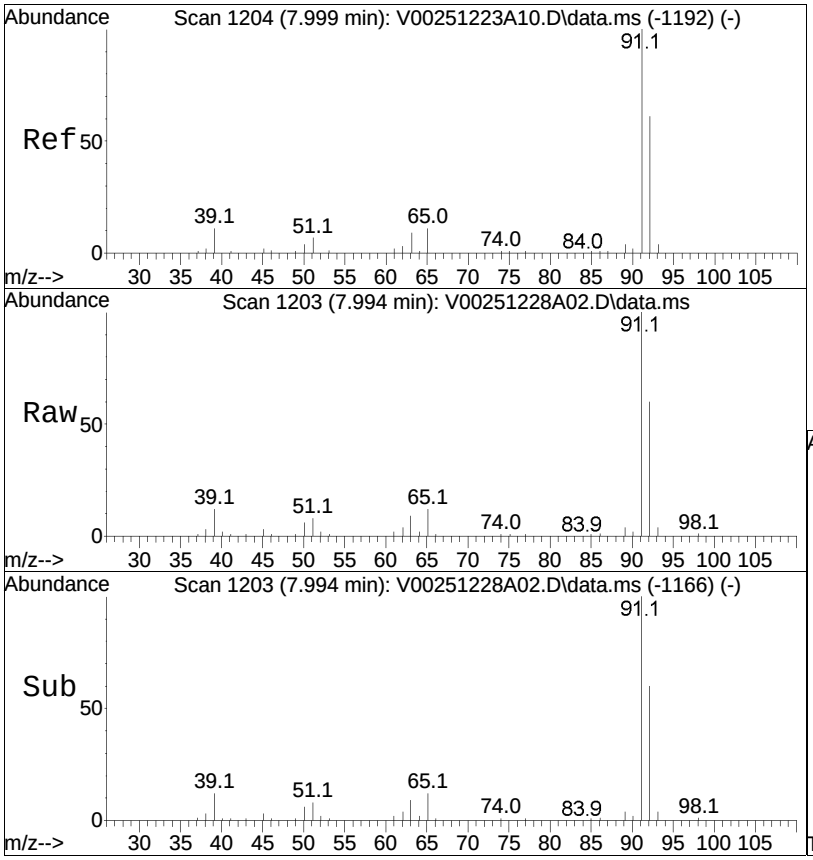


#59
cis-1,3-Dichloropropene
Concen: 45.41 ug/L
RT: 7.716 min Scan# 1150
Delta R.T. -0.011 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 75 Resp: 168841

Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.7	38.5
39	59.1	32.3	48.5#

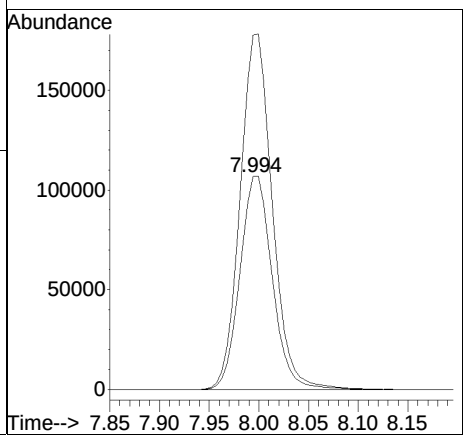


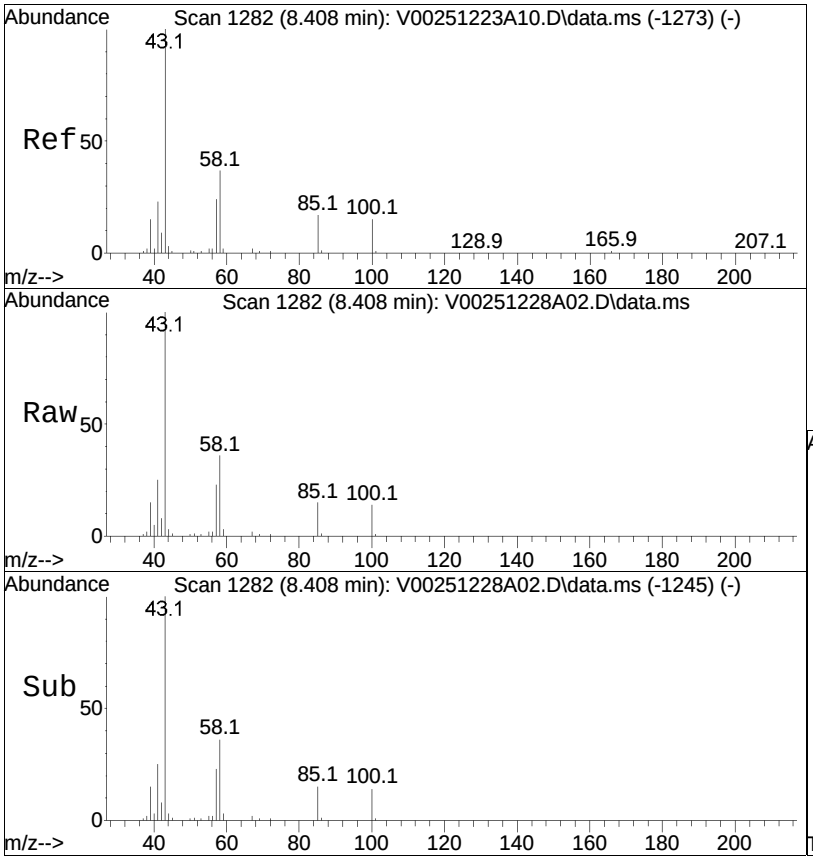


#62
Toluene
Concen: 39.30 ug/L
RT: 7.994 min Scan# 1203
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 92 Resp: 241913

Ion	Ratio	Lower	Upper
92	100		
91	165.7	138.2	207.2

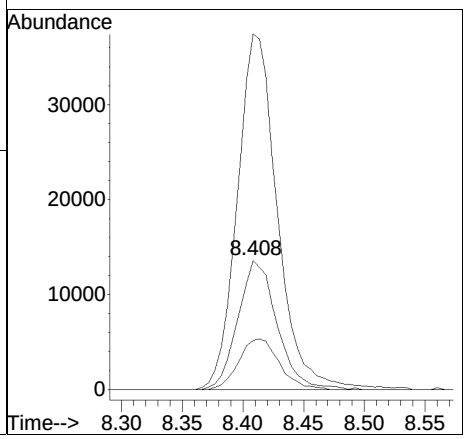


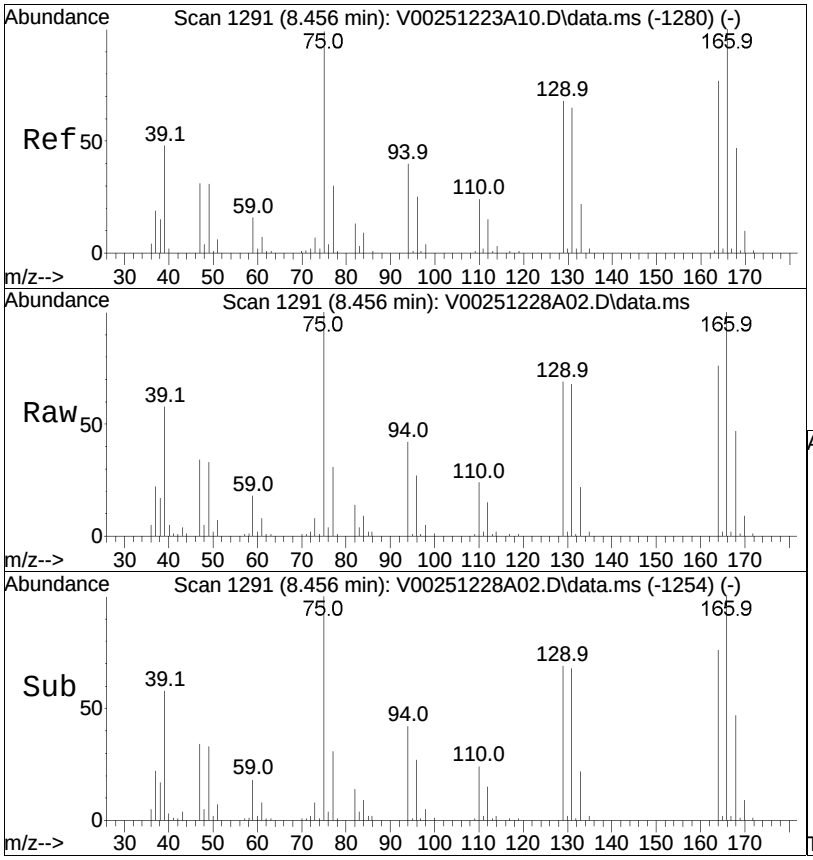


#63
4-Methyl-2-pentanone
Concen: 38.83 ug/L
RT: 8.408 min Scan# 1282
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 58 Resp: 30351

Ion	Ratio	Lower	Upper
58	100		
100	40.5	31.2	46.8
43	283.3	156.5	234.7#

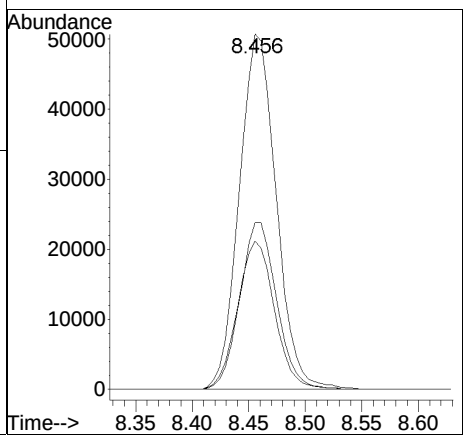


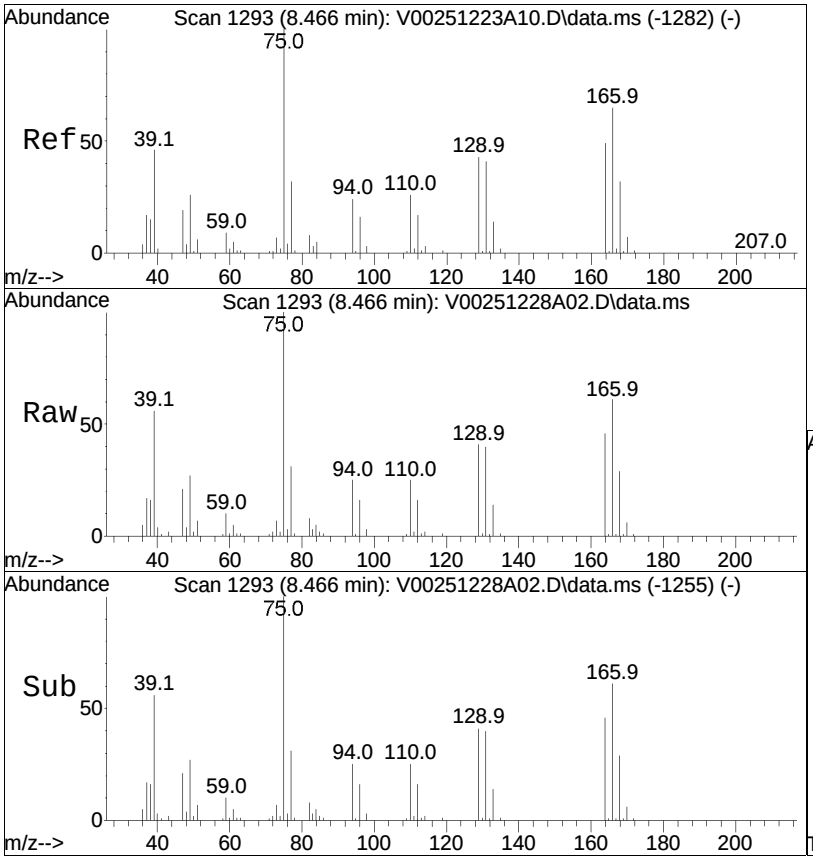


#64
Tetrachloroethene
Concen: 38.88 ug/L
RT: 8.456 min Scan# 1291
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:166 Resp: 115482

Ion	Ratio	Lower	Upper
166	100		
168	46.8	29.2	69.2
94	41.8	29.0	69.0

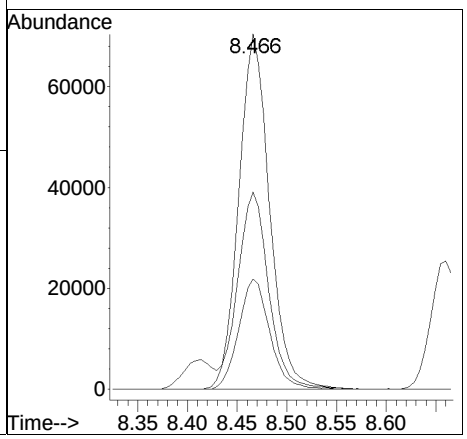


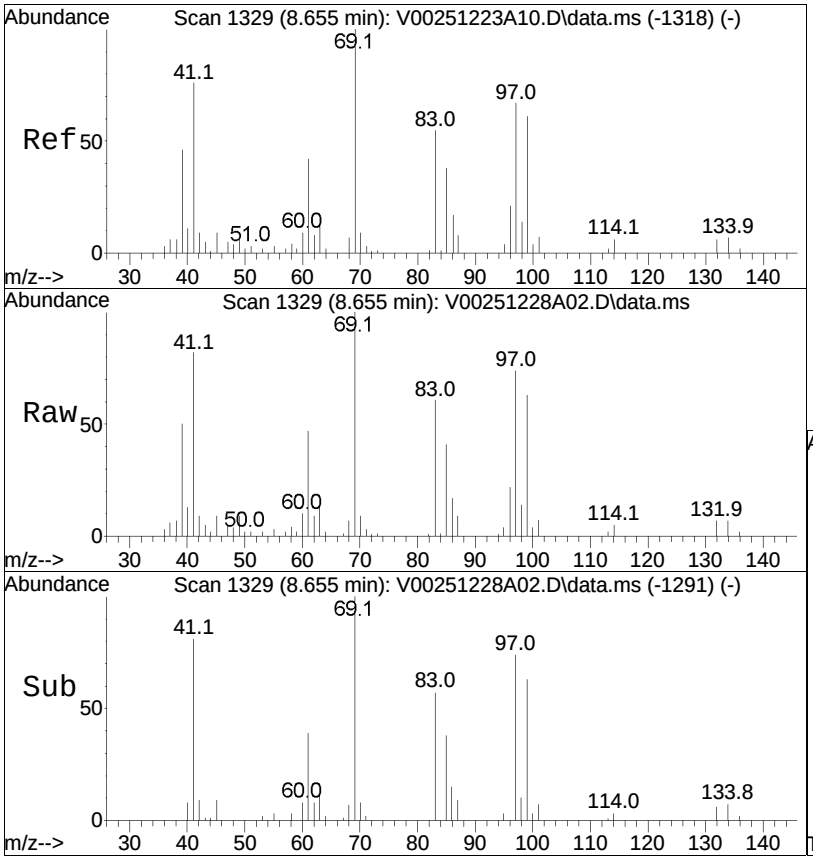


#66
trans-1,3-Dichloropropene
Concen: 40.49 ug/L
RT: 8.466 min Scan# 1293
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 75 Resp: 152182

Ion	Ratio	Lower	Upper
75	100		
77	31.4	11.8	51.8
39	56.2	23.7	63.7

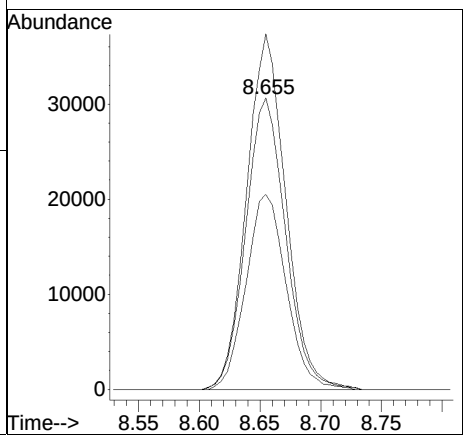


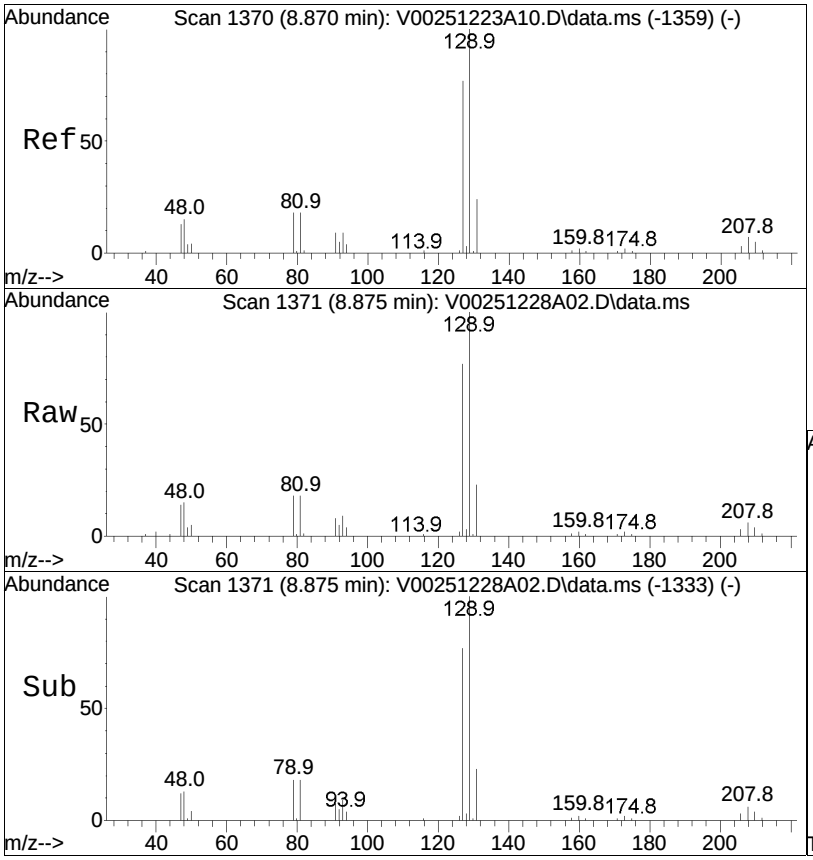


#69
1,1,2-Trichloroethane
Concen: 39.67 ug/L
RT: 8.655 min Scan# 1329
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 83 Resp: 70102

Ion	Ratio	Lower	Upper
83	100		
97	119.5	98.8	138.8
85	67.5	46.5	86.5

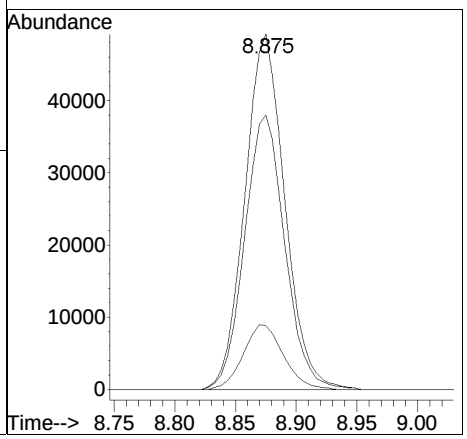


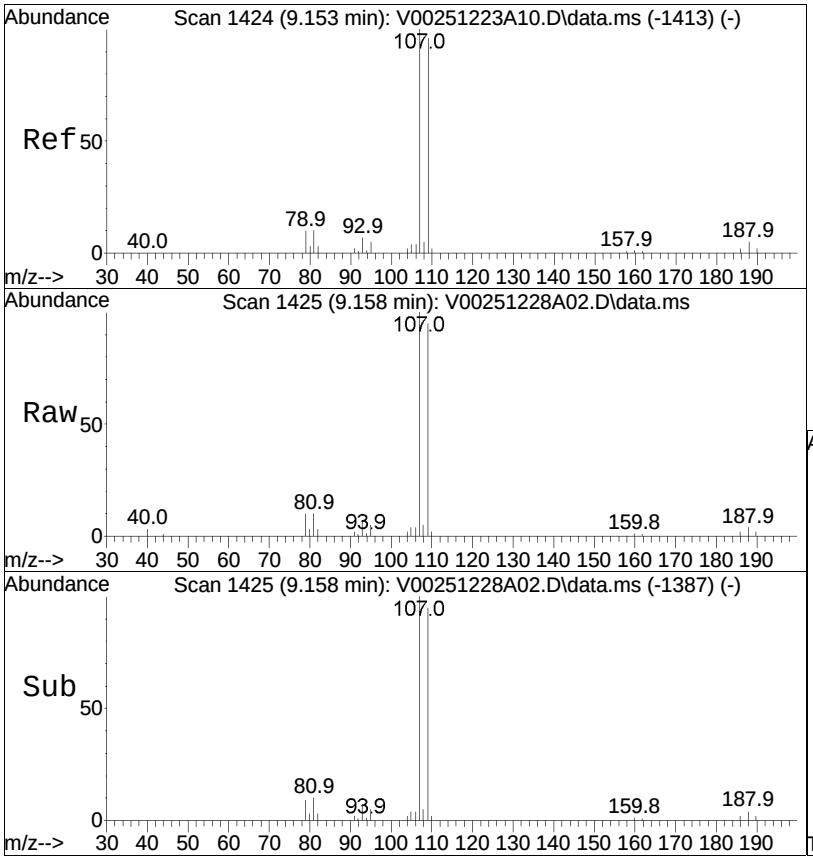


#70
Chlorodibromomethane
Concen: 39.27 ug/L
RT: 8.875 min Scan# 1371
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:129 Resp: 112436

Ion	Ratio	Lower	Upper
129	100		
81	18.3	0.1	40.1
127	77.8	58.4	98.4

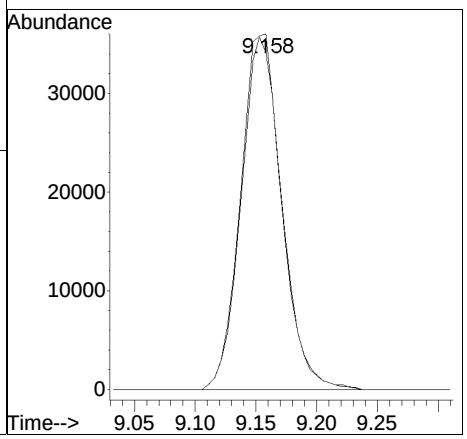


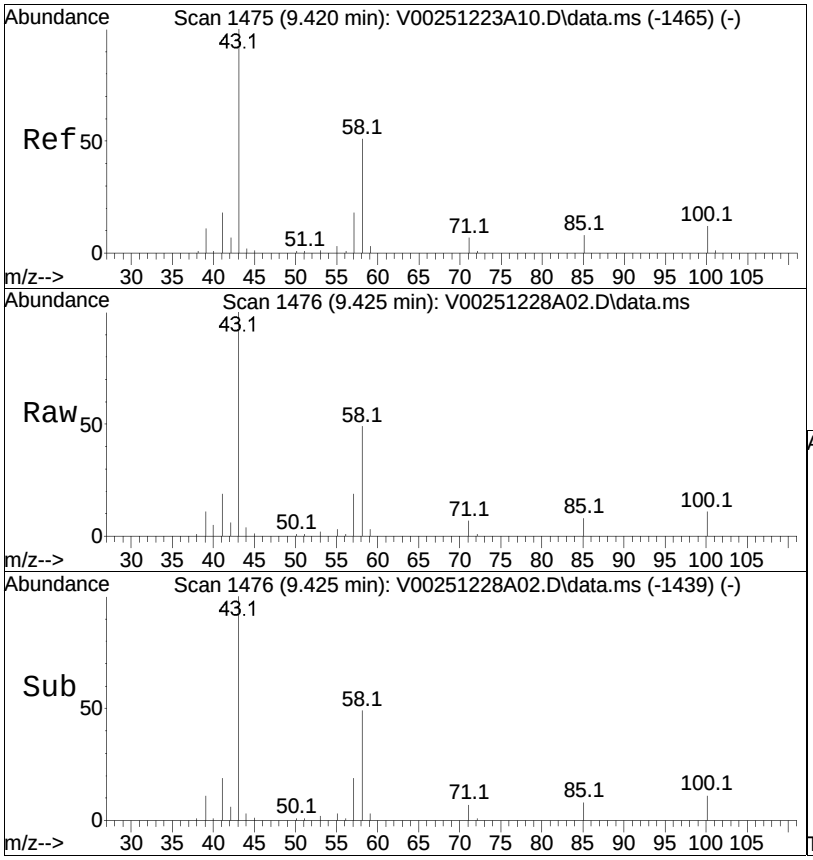


#72
1,2-Dibromoethane
Concen: 39.01 ug/L
RT: 9.158 min Scan# 1425
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:107 Resp: 85273

Ion	Ratio	Lower	Upper
107	100		
109	96.7	75.4	113.0

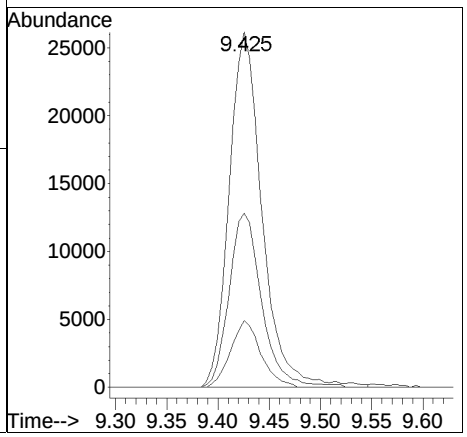


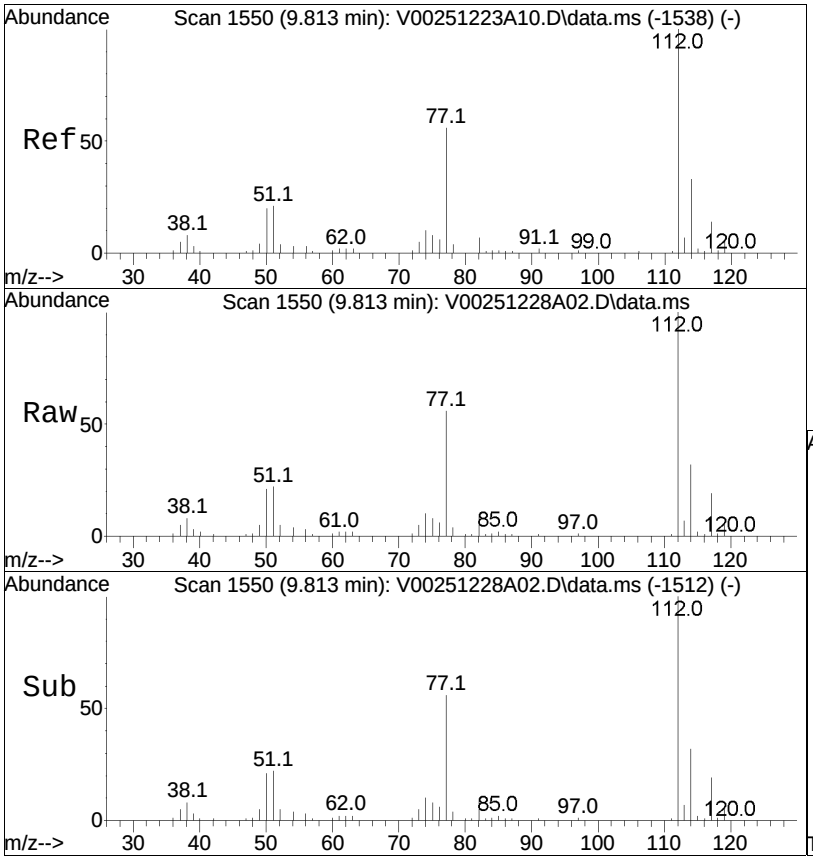


#73
2-Hexanone
Concen: 37.21 ug/L
RT: 9.425 min Scan# 1476
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 43 Resp: 58773

Ion	Ratio	Lower	Upper
43	100		
58	48.6	54.2	81.4#
57	17.3	17.8	26.6#

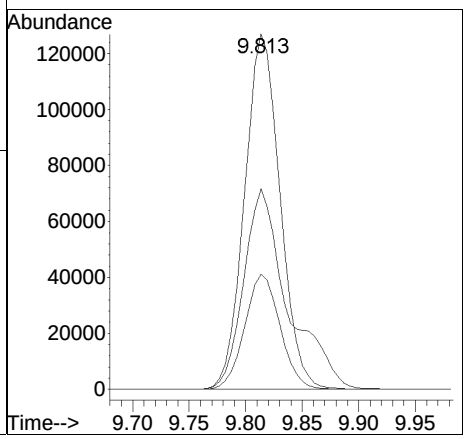


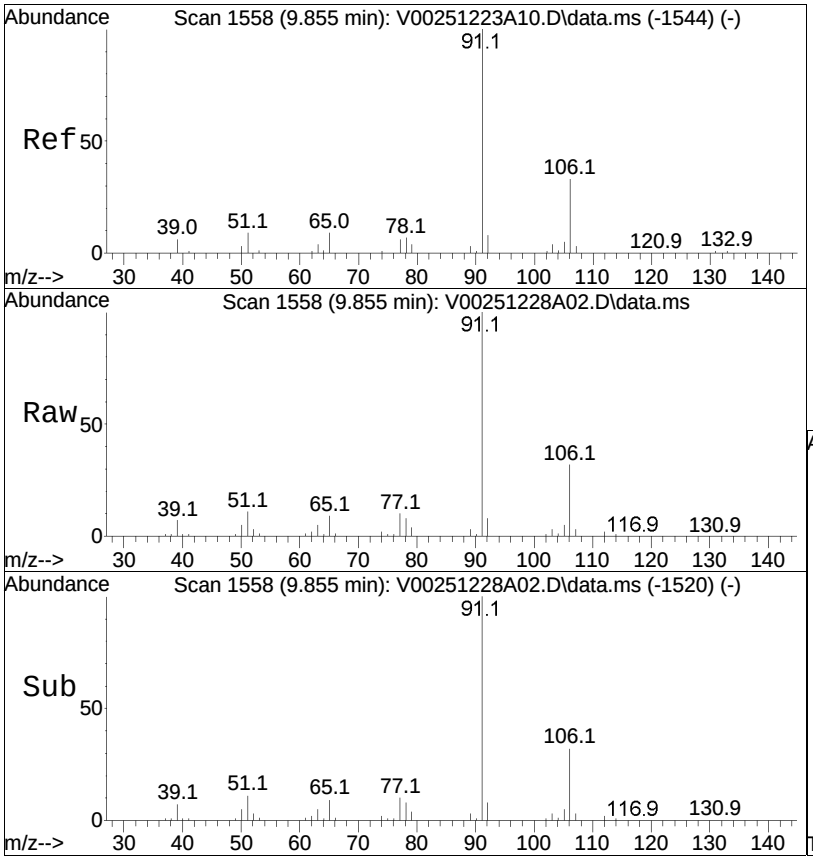


#74
Chlorobenzene
Concen: 39.45 ug/L
RT: 9.813 min Scan# 1550
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:112 Resp: 277471

Ion	Ratio	Lower	Upper
112	100		
77	70.3	57.9	86.9
114	32.3	25.7	38.5

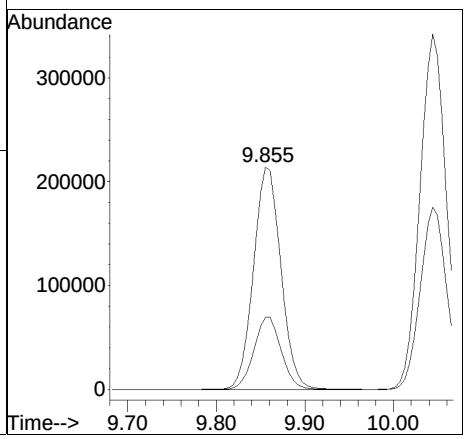


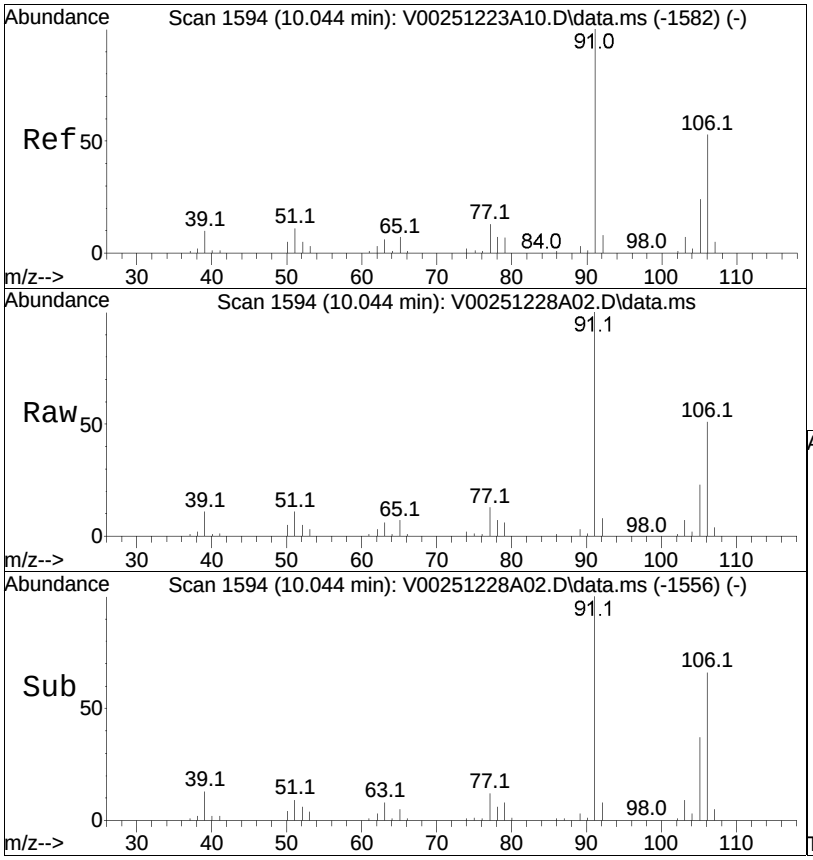


#75
Ethylbenzene
Concen: 39.43 ug/L
RT: 9.855 min Scan# 1558
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 91 Resp: 459850

Ion	Ratio	Lower	Upper
91	100		
106	32.3	25.1	37.7

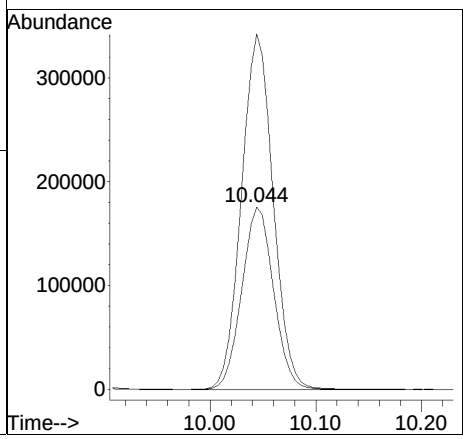


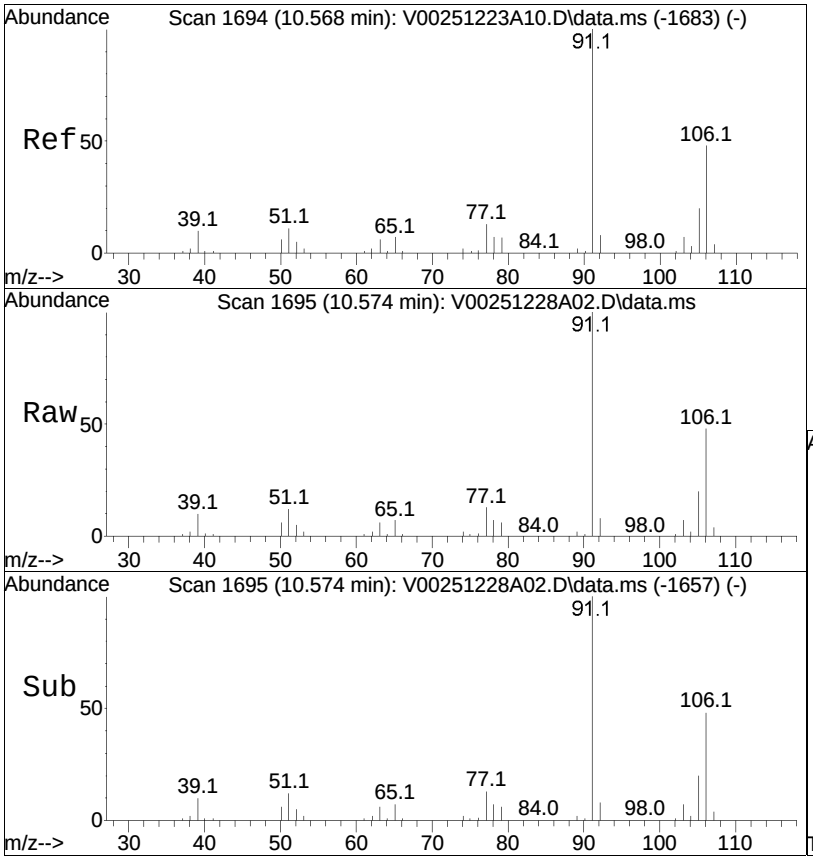


#77
p/m Xylene
Concen: 80.33 ug/L
RT: 10.044 min Scan# 1594
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:106 Resp: 366410

Ion	Ratio	Lower	Upper
106	100		
91	194.3	159.5	239.3

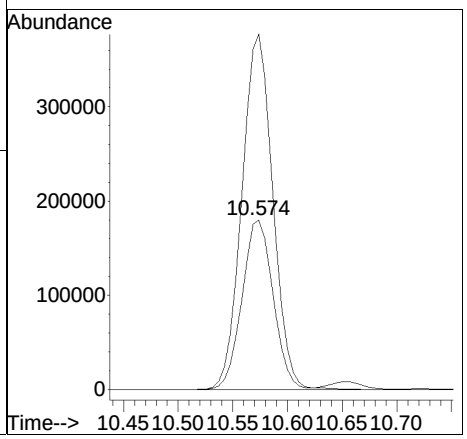


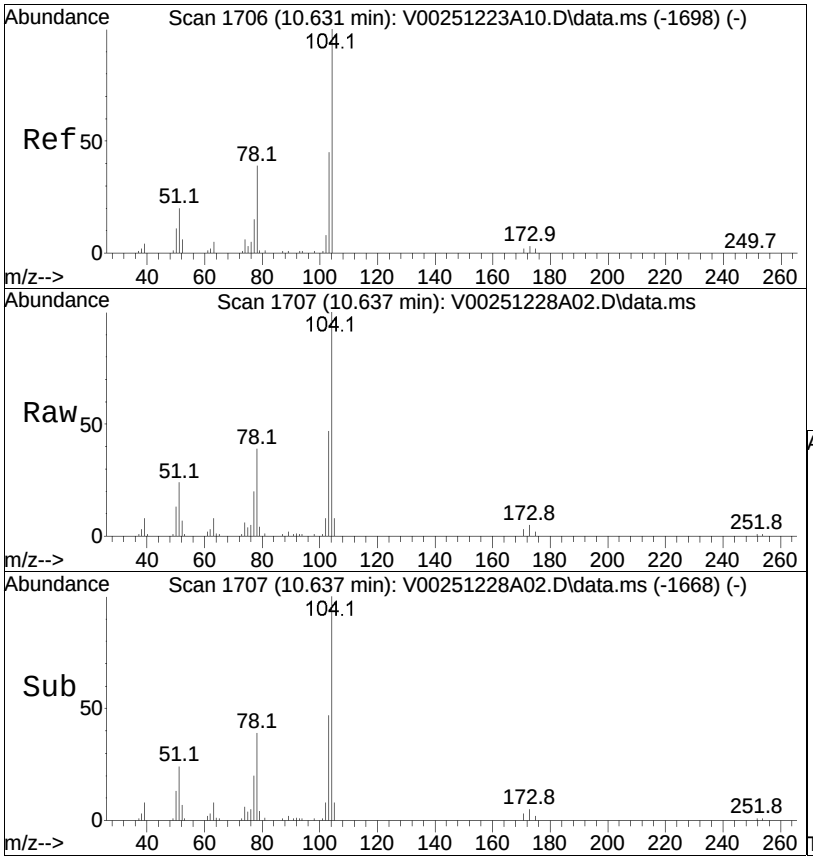


#78
o Xylene
Concen: 79.27 ug/L
RT: 10.574 min Scan# 1695
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:106 Resp: 357403

Ion	Ratio	Lower	Upper
106	100		
91	206.9	168.6	252.8

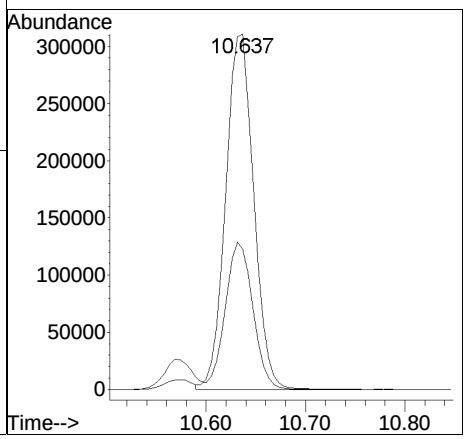


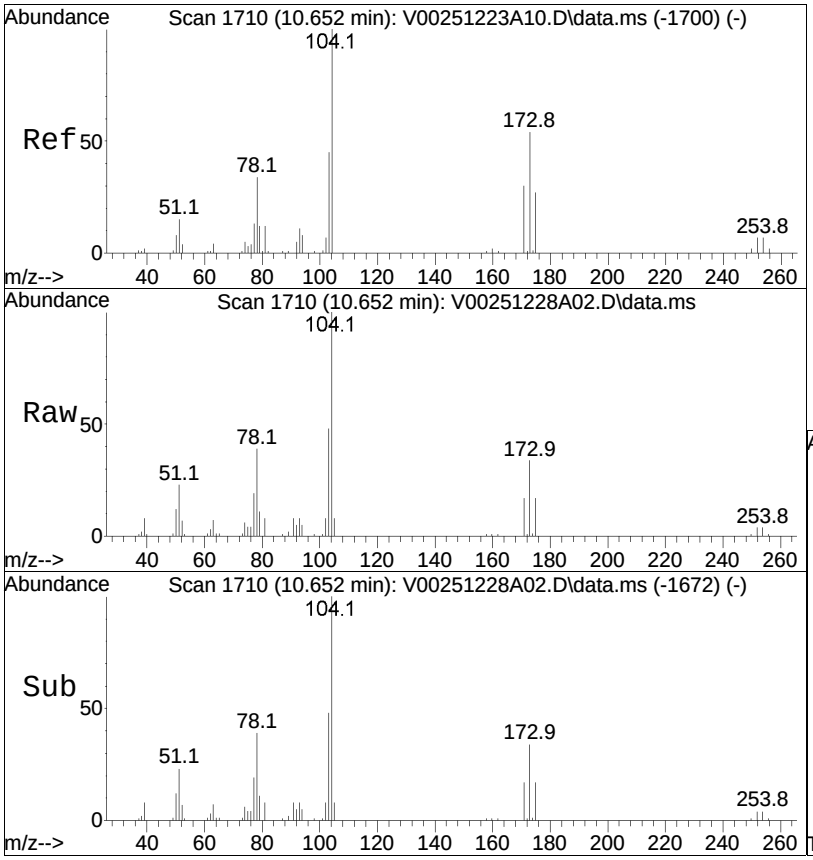


#79
Styrene
Concen: 80.53 ug/L
RT: 10.637 min Scan# 1707
Delta R.T. 0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:104 Resp: 610948

Ion	Ratio	Lower	Upper
104	100		
78	40.4	33.8	50.6

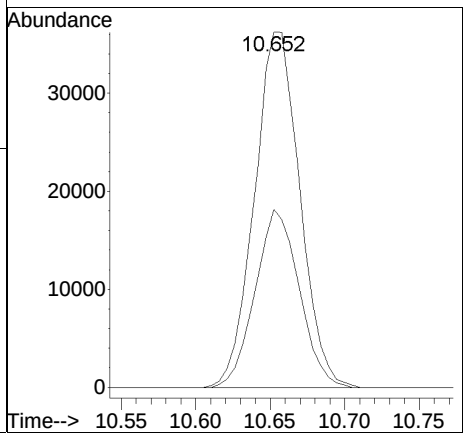


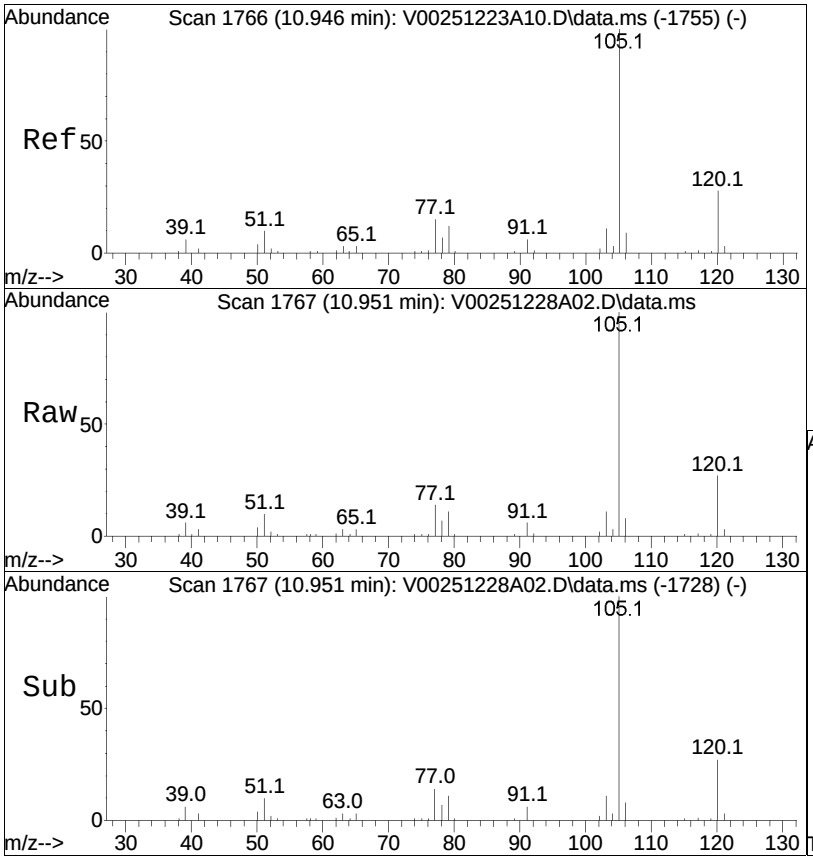


#81
Bromoform
Concen: 36.74 ug/L
RT: 10.652 min Scan# 1710
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:173 Resp: 76683

Ion	Ratio	Lower	Upper
173	100		
175	48.5	27.8	67.8

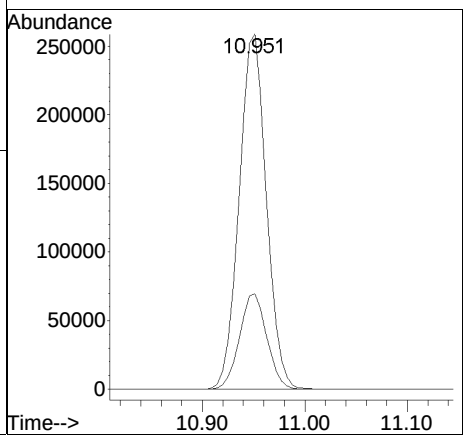


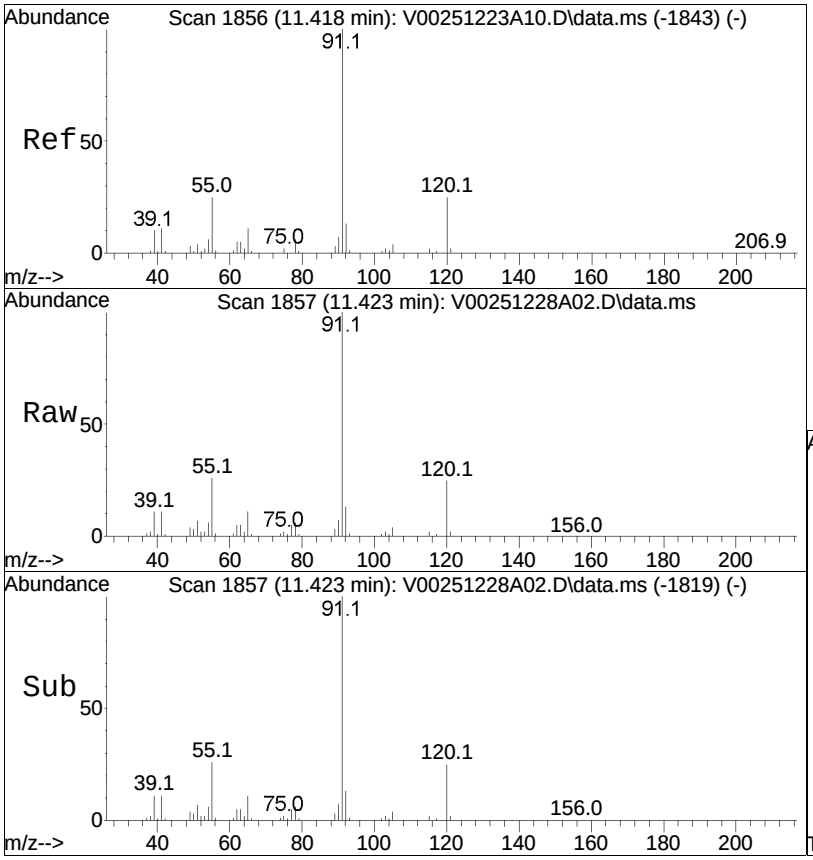


#83
Isopropylbenzene
Concen: 39.43 ug/L
RT: 10.951 min Scan# 1767
Delta R.T. 0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:105 Resp: 477302

Ion	Ratio	Lower	Upper
105	100		
120	27.1	6.4	46.4

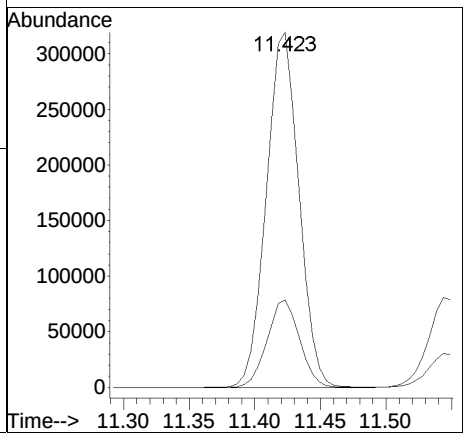


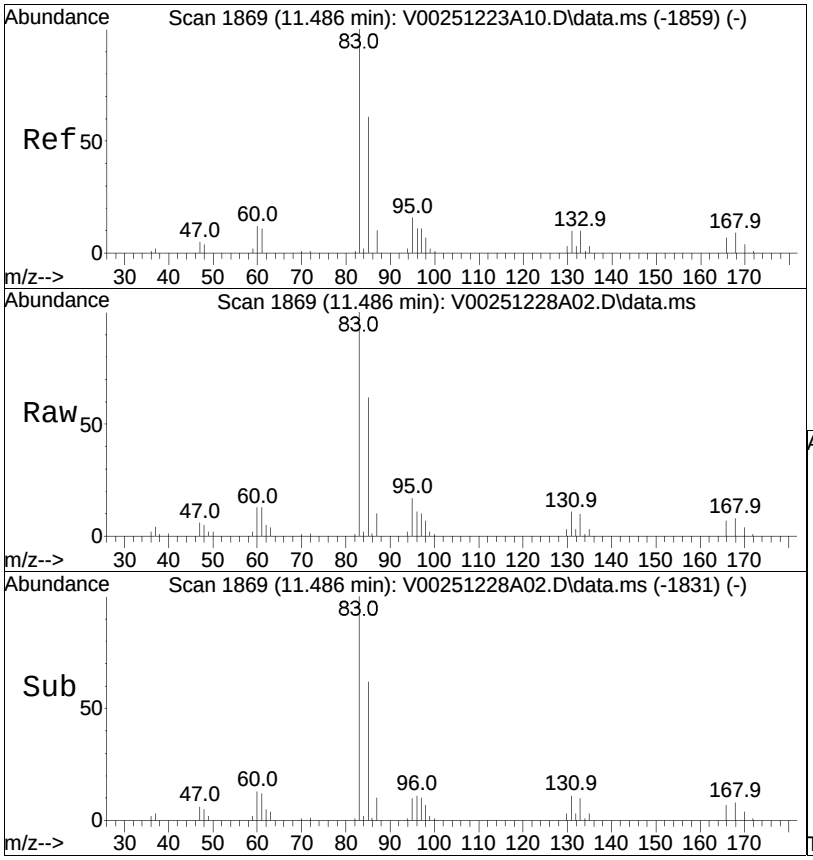


#86
n-Propylbenzene
Concen: 40.04 ug/L
RT: 11.423 min Scan# 1857
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 91 Resp: 551885

Ion	Ratio	Lower	Upper
91	100		
120	24.4	18.2	27.2

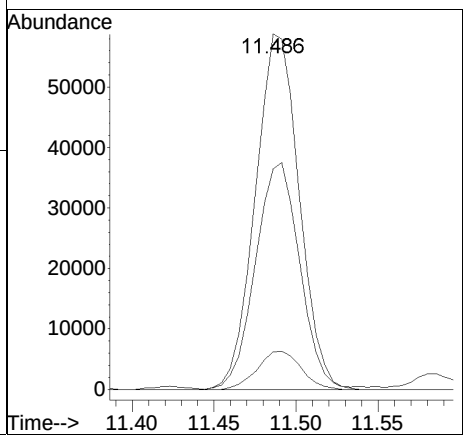


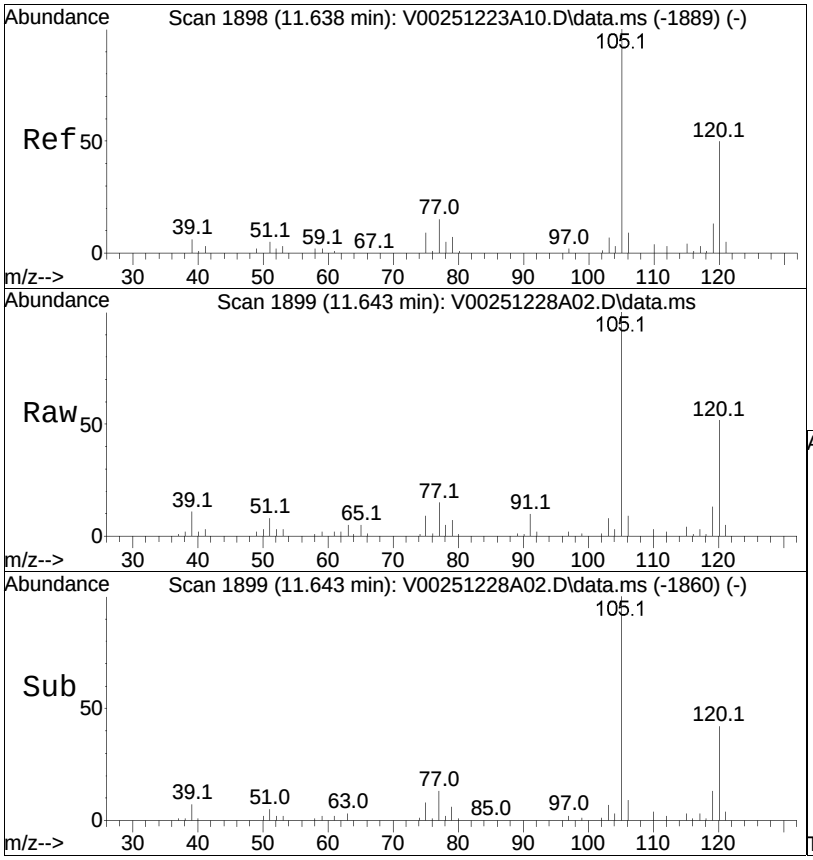


#88
1,1,2,2-Tetrachloroethane
Concen: 38.26 ug/L
RT: 11.486 min Scan# 1869
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 83 Resp: 109195

Ion	Ratio	Lower	Upper
83	100		
131	10.7	0.0	30.1
85	64.4	45.9	85.9

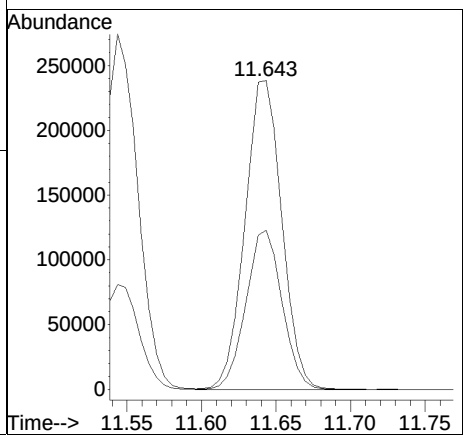


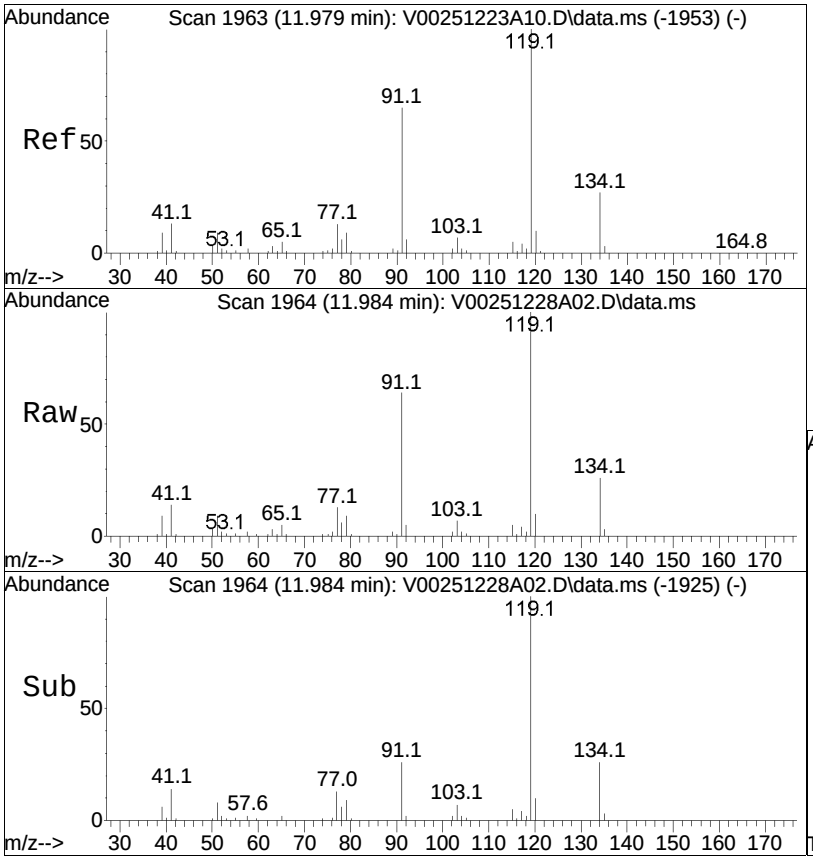


#91
1,3,5-Trimethylbenzene
Concen: 40.00 ug/L
RT: 11.643 min Scan# 1899
Delta R.T. 0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:105 Resp: 409939

Ion	Ratio	Lower	Upper
105	100		
120	50.6	39.1	58.7

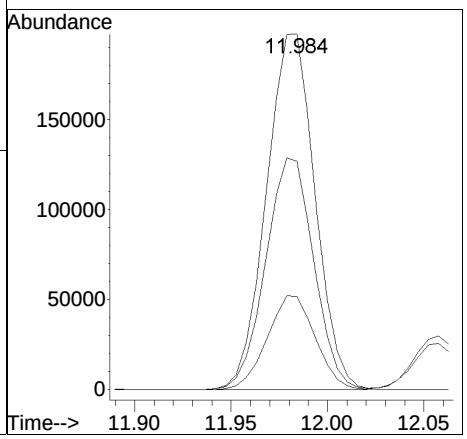


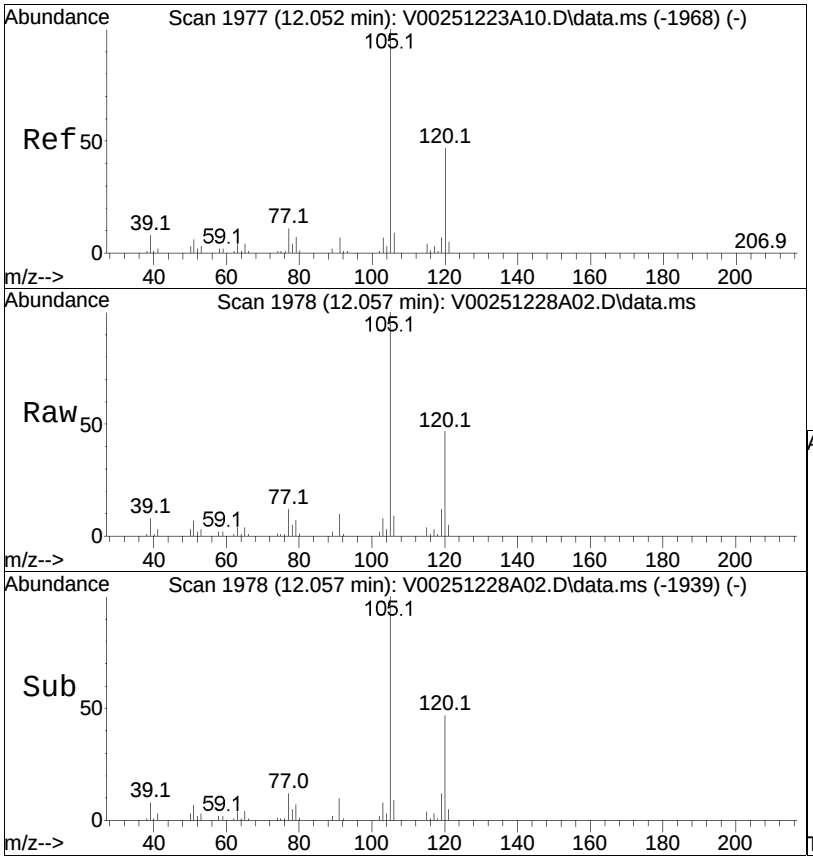


#95
tert-Butylbenzene
Concen: 38.86 ug/L
RT: 11.984 min Scan# 1964
Delta R.T. 0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:119 Resp: 345948

Ion	Ratio	Lower	Upper
119	100		
91	64.5	54.8	82.2
134	26.0	20.6	30.8

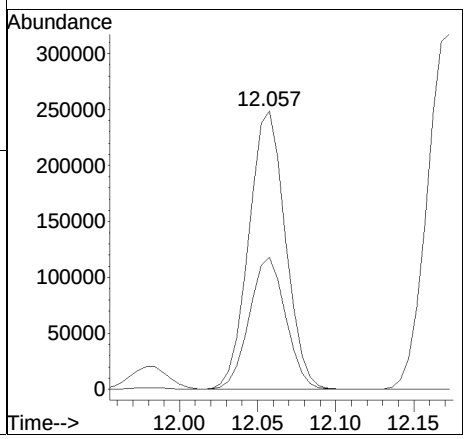


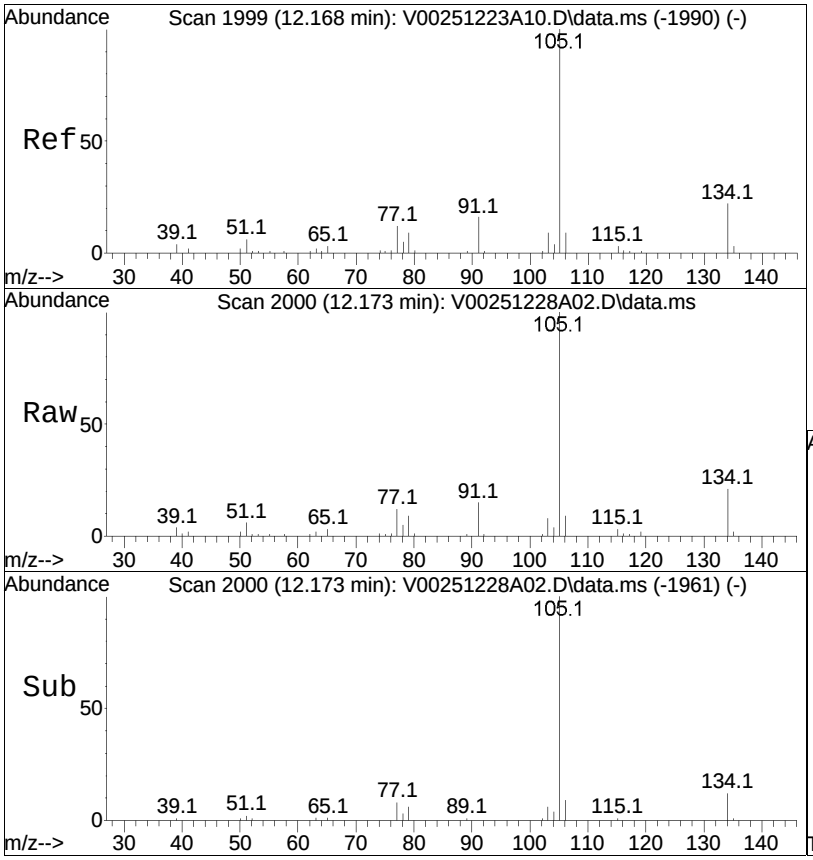


#98
1,2,4-Trimethylbenzene
Concen: 40.08 ug/L
RT: 12.057 min Scan# 1978
Delta R.T. 0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:105 Resp: 406424

Ion	Ratio	Lower	Upper
105	100		
120	47.2	37.1	55.7

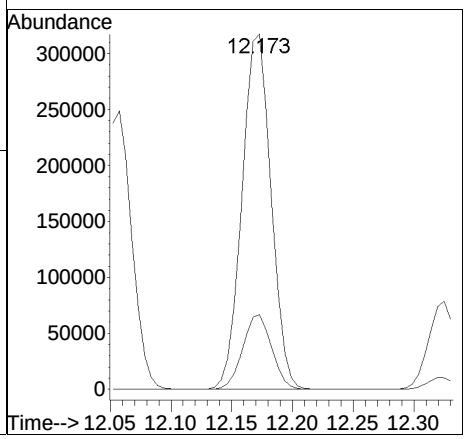


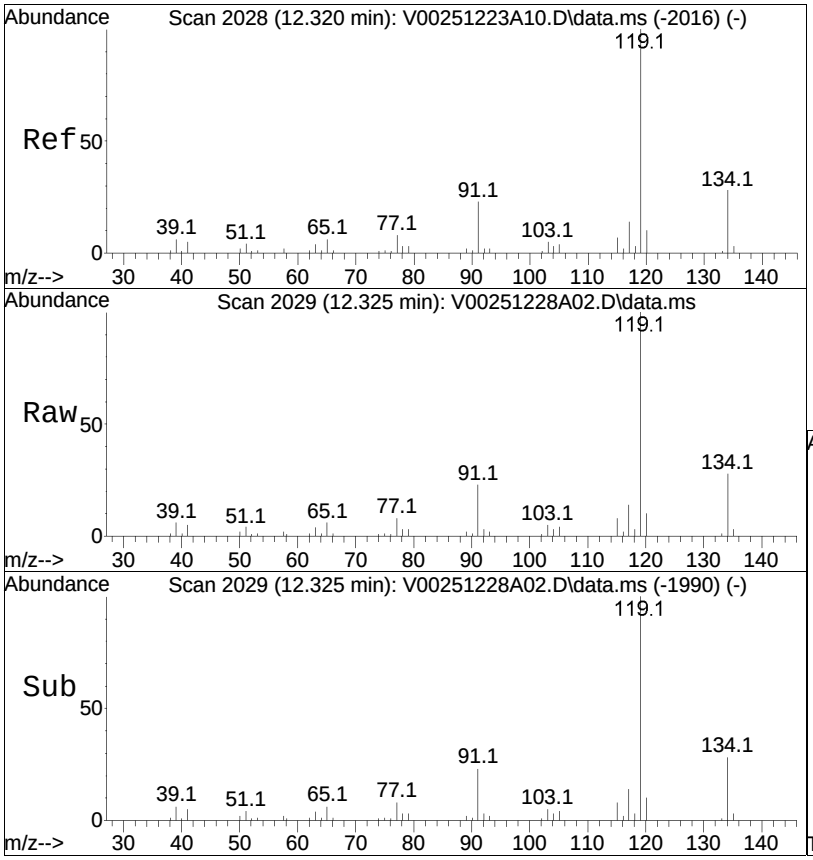


#99
sec-Butylbenzene
Concen: 40.00 ug/L
RT: 12.173 min Scan# 2000
Delta R.T. 0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:105 Resp: 528966

Ion	Ratio	Lower	Upper
105	100		
134	20.9	13.5	27.9

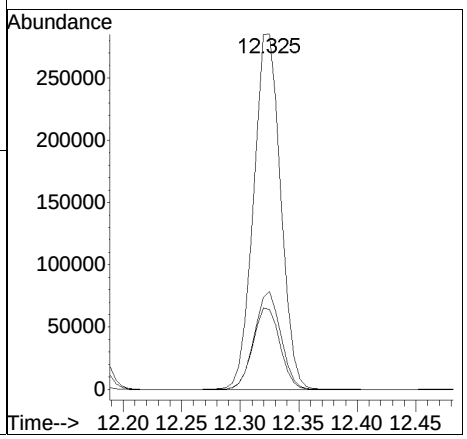


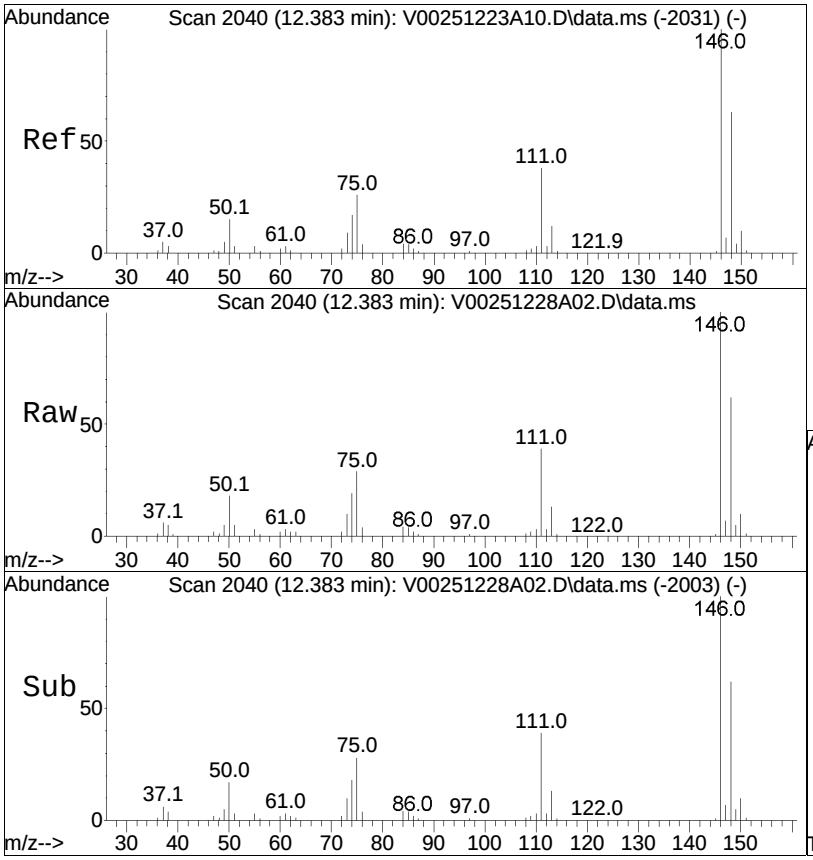


#100
p-Isopropyltoluene
Concen: 40.22 ug/L
RT: 12.325 min Scan# 2029
Delta R.T. 0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:119 Resp: 459230

Ion	Ratio	Lower	Upper
119	100		
134	26.9	17.4	36.0
91	23.0	15.8	32.8

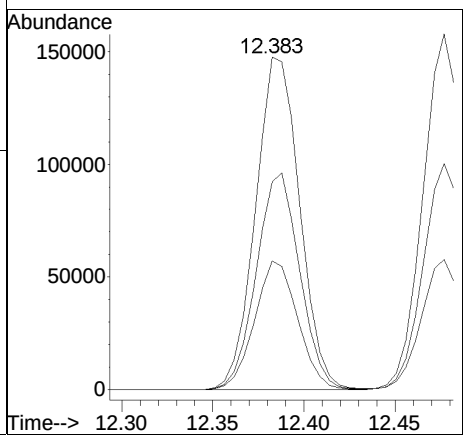


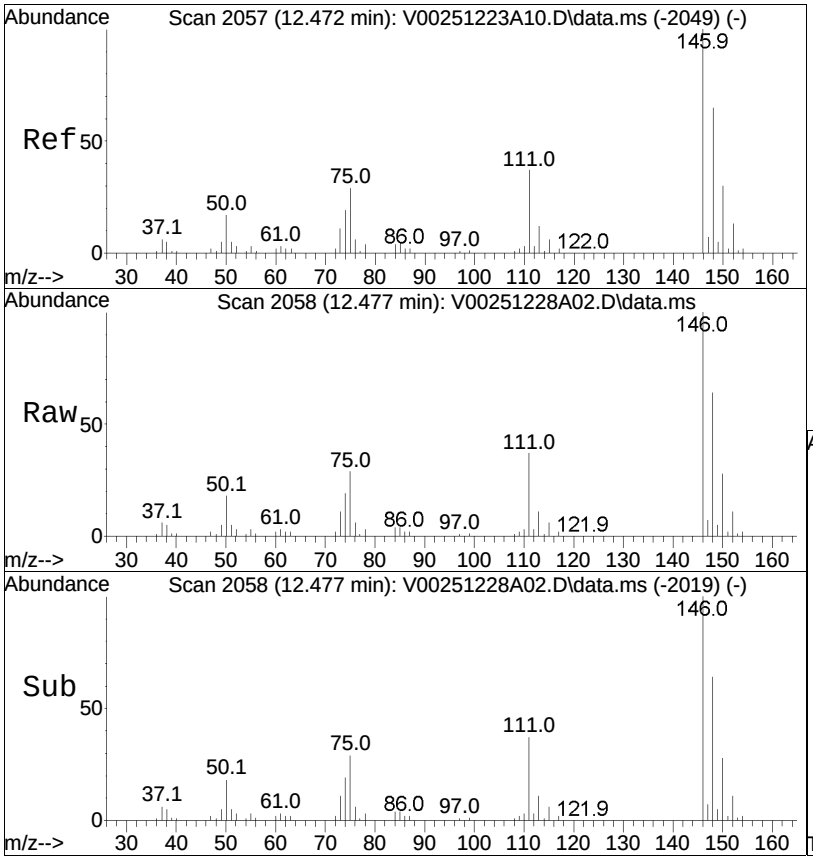


#101
1,3-Dichlorobenzene
Concen: 39.51 ug/L
RT: 12.383 min Scan# 2040
Delta R.T. -0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:146 Resp: 248881

Ion	Ratio	Lower	Upper
146	100		
111	37.6	26.1	54.1
148	63.8	40.8	84.8

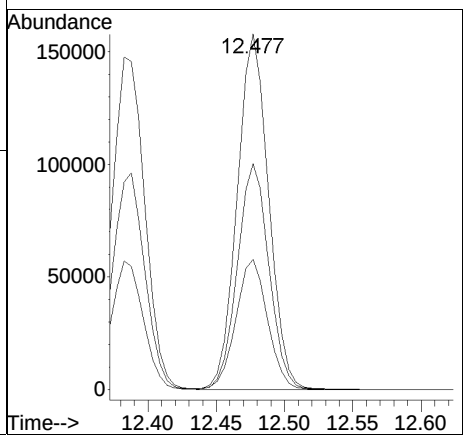


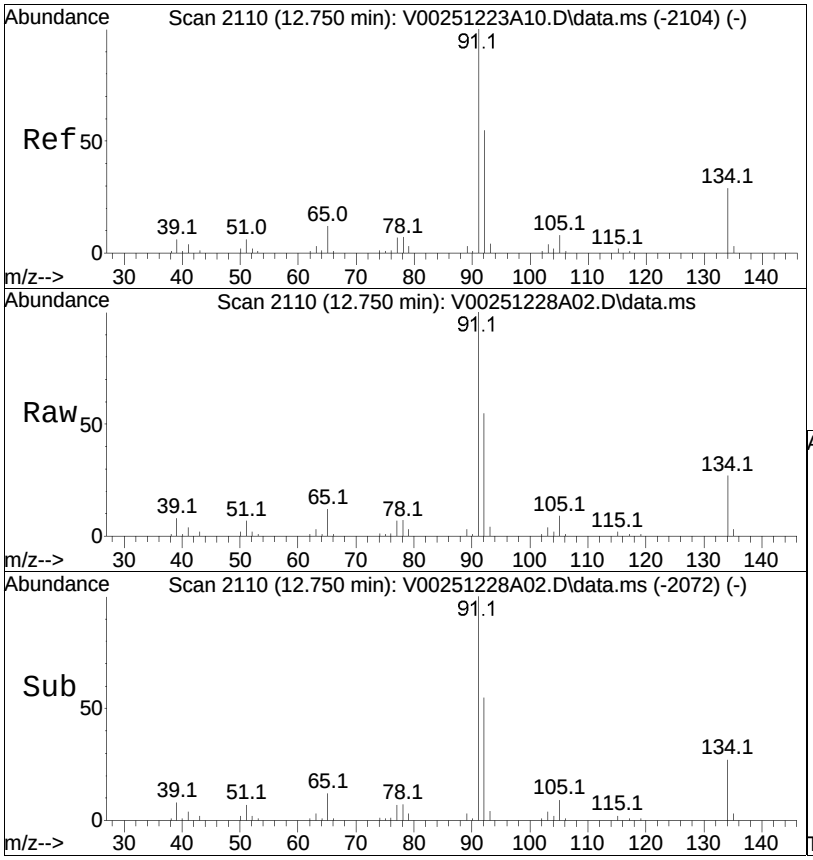


#102
1,4-Dichlorobenzene
Concen: 39.51 ug/L
RT: 12.477 min Scan# 2058
Delta R.T. 0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:146 Resp: 252447

Ion	Ratio	Lower	Upper
146	100		
111	36.8	32.1	48.1
148	63.7	50.6	75.8

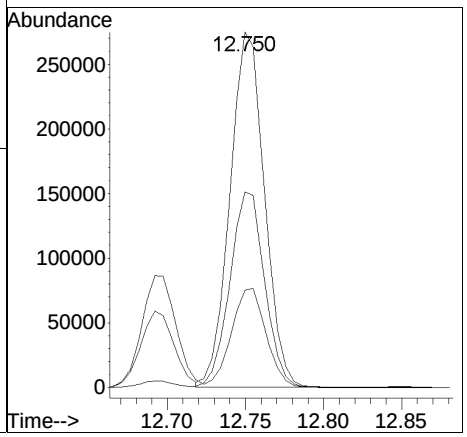


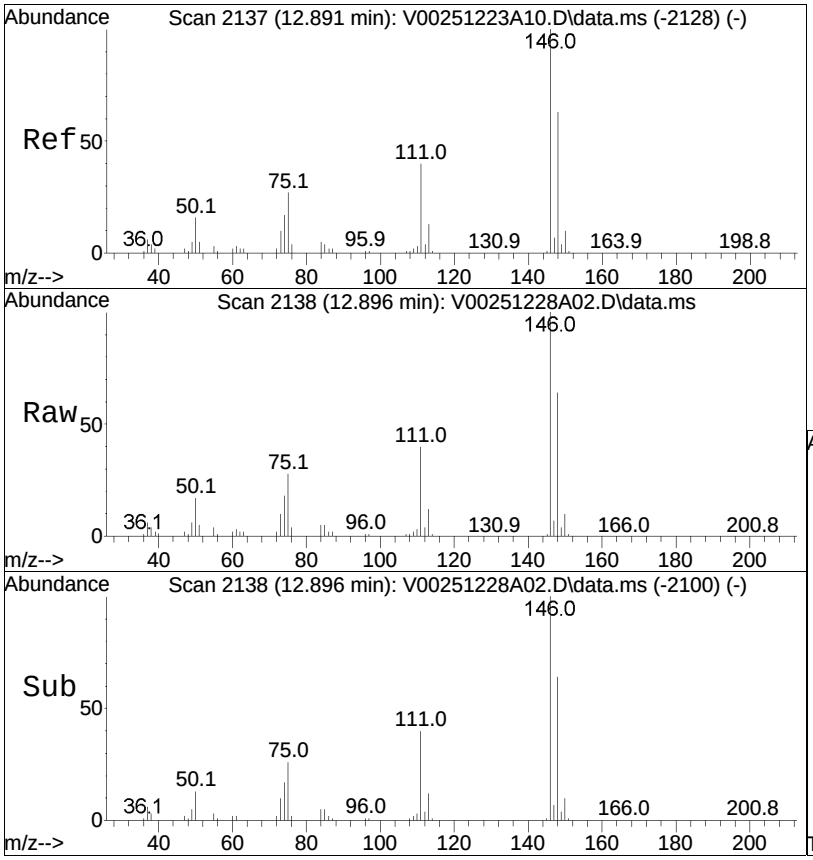


#104
n-Butylbenzene
Concen: 41.47 ug/L
RT: 12.750 min Scan# 2110
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion: 91 Resp: 421383

Ion	Ratio	Lower	Upper
91	100		
92	55.5	43.7	65.5
134	28.0	21.5	32.3

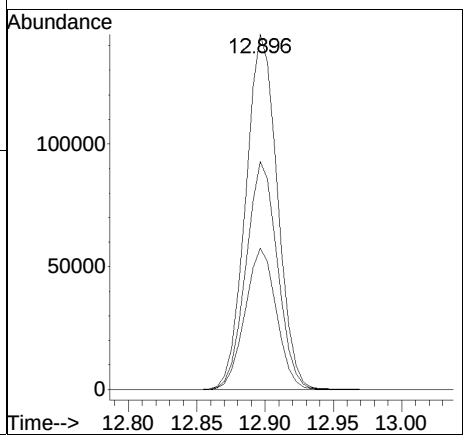


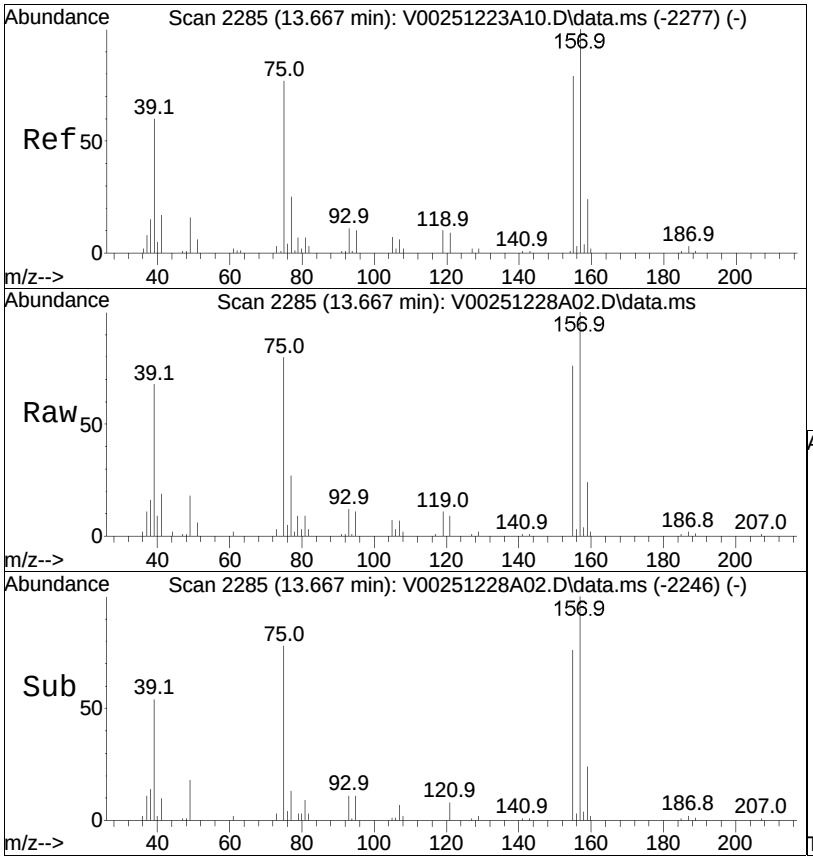


#105
1,2-Dichlorobenzene
Concen: 39.31 ug/L
RT: 12.896 min Scan# 2138
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:146 Resp: 233270

Ion	Ratio	Lower	Upper
146	100		
111	39.4	26.9	55.9
148	63.6	40.3	83.7

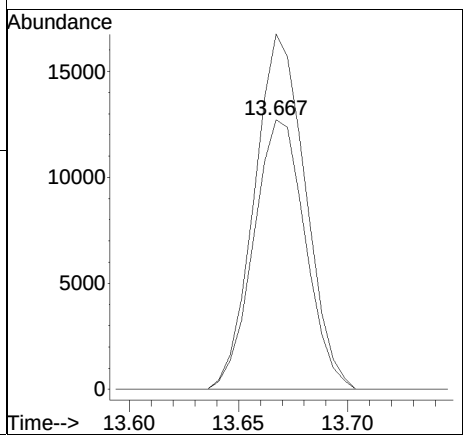


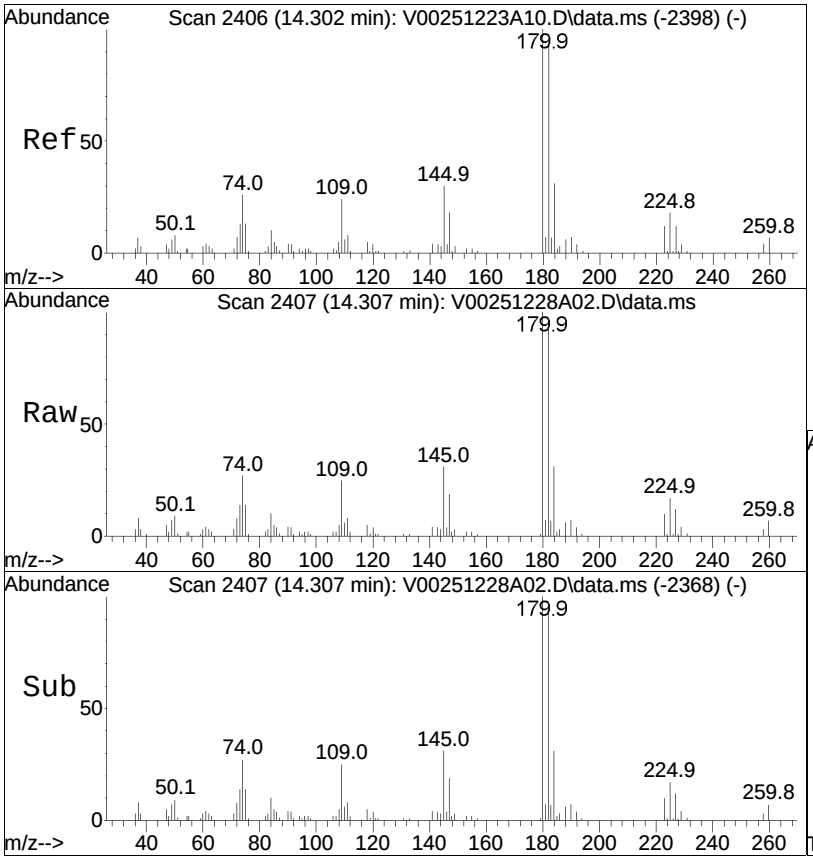


#107
1,2-Dibromo-3-chloropropane
Concen: 35.90 ug/L
RT: 13.667 min Scan# 2285
Delta R.T. 0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:155 Resp: 20909

Ion	Ratio	Lower	Upper
155	100		
157	130.1	97.0	145.4

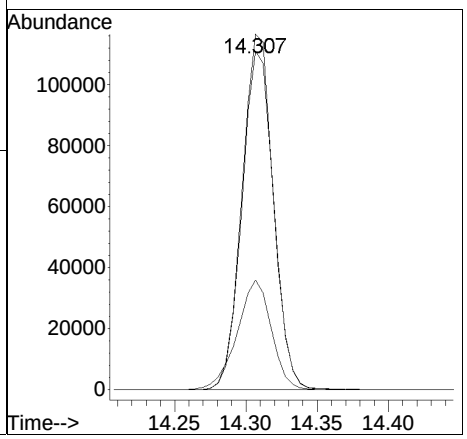


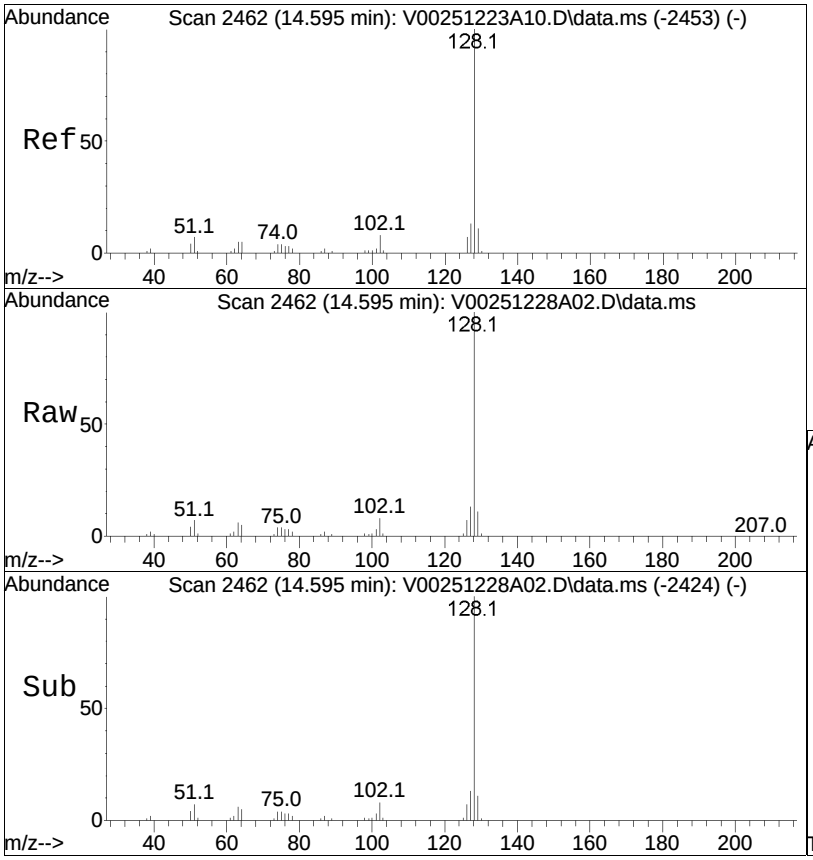


#110
1,2,4-Trichlorobenzene
Concen: 39.94 ug/L
RT: 14.307 min Scan# 2407
Delta R.T. 0.005 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:180 Resp: 178116

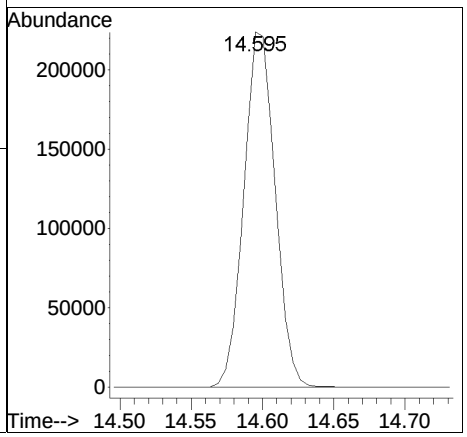
Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.8	113.6
145	33.4	29.2	43.8





#111
Naphthalene
Concen: 38.00 ug/L
RT: 14.595 min Scan# 2462
Delta R.T. -0.000 min
Lab File: V00251228A02.D
Acq: 28 Dec 2025 04:09 pm

Tgt Ion:128 Resp: 343389



Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A02.D
Acq On : 29 Dec 2025 5:44 am
Operator : VOA104:MJV
Sample : WG2160213-4,31h,15,15,0.1
Misc : WG2160213,ICAL22828
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 29 06:12:21 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251229A\V04251229A01.D
Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.383	96	340651	20.000	ug/L	0.00
Standard Area 1 = 369388			Recovery = 92.22%			
59) Chlorobenzene-d5	8.838	117	246160	20.000	ug/L	0.00
Standard Area 1 = 254827			Recovery = 96.60%			
79) 1,4-Dichlorobenzene-d4	11.669	152	124182	20.000	ug/L	0.00
Standard Area 1 = 126132			Recovery = 98.45%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.612	113	87665	17.942	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 89.71%			
43) 1,2-Dichloroethane-d4	5.110	65	72118	16.624	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 83.12%			
60) Toluene-d8	7.024	98	334985	21.171	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.85%			
83) 4-Bromofluorobenzene	10.395	95	116536	21.783	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 108.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.408	85	181374	29.209	ug/L	98
3) Chloromethane	1.576	50	204116	31.941	ug/L	99
4) Vinyl chloride	1.629	62	219261	35.016	ug/L	99
5) Bromomethane	1.885	94	162929	46.325	ug/L	96
6) Chloroethane	1.985	64	130102	35.859	ug/L	97
7) Trichlorofluoromethane	2.100	101	294493	39.734	ug/L	99
10) 1,1-Dichloroethene	2.530	96	188470	44.326	ug/L	81
11) Carbon disulfide	2.551	76	659570	42.279	ug/L	99
12) Freon-113	2.557	101	191732	45.512	ug/L #	72
15) Methylene chloride	3.028	84	207650	38.786	ug/L	83
17) Acetone	3.070	43	42067	24.509	ug/L	91
18) trans-1,2-Dichloroethene	3.165	96	205685	43.180	ug/L	87
19) Methyl acetate	3.175	43	60444	33.896	ug/L #	84
20) Methyl tert-butyl ether	3.243	73	475479	40.257	ug/L	89
23) 1,1-Dichloroethane	3.700	63	347633	38.952	ug/L	97
28) cis-1,2-Dichloroethene	4.187	96	219352	40.755	ug/L	85
31) Cyclohexane	4.355	56	291373	40.156	ug/L	80
32) Chloroform	4.444	83	344526	40.717	ug/L	96
34) Carbon tetrachloride	4.554	117	267930	39.145	ug/L	100
37) 1,1,1-Trichloroethane	4.617	97	296771	41.719	ug/L	95

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A02.D
Acq On : 29 Dec 2025 5:44 am
Operator : VOA104:MJV
Sample : WG2160213-4,31h,15,15,0.1
Misc : WG2160213,ICAL22828
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 29 06:12:21 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251229A\V04251229A01.D
Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) 2-Butanone	4.727	43	38971	31.379	ug/L	#	57
41) Benzene	4.968	78	729003	43.574	ug/L		94
44) 1,2-Dichloroethane	5.173	62	200053	33.769	ug/L		96
47) Methyl cyclohexane	5.524	83	327681	46.757	ug/L	#	78
48) Trichloroethene	5.550	95	205831	46.238	ug/L		96
51) 1,2-Dichloropropane	6.075	63	187279	38.624	ug/L		98
54) Bromodichloromethane	6.158	83	263218	39.800	ug/L		99
58) cis-1,3-Dichloropropene	6.830	75	311083	43.586	ug/L	#	90
61) Toluene	7.076	92	460240	43.809	ug/L		99
62) 4-Methyl-2-pentanone	7.522	58	44689	38.813	ug/L		91
63) Tetrachloroethene	7.511	166	222026	44.596	ug/L		100
65) trans-1,3-Dichloropropene	7.574	75	251170	44.059	ug/L		89
68) 1,1,2-Trichloroethane	7.752	83	126698	40.655	ug/L		98
69) Chlorodibromomethane	7.952	129	186712	38.752	ug/L		99
71) 1,2-Dibromoethane	8.214	107	150070	43.742	ug/L		98
72) 2-Hexanone	8.528	43	64182	32.755	ug/L		94
73) Chlorobenzene	8.853	112	519813	44.078	ug/L		98
74) Ethylbenzene	8.895	91	895327	47.476	ug/L		98
76) p/m Xylene	9.084	106	663578	92.679	ug/L		96
77) o Xylene	9.619	106	653857	90.032	ug/L		96
78) Styrene	9.698	104	1030812	87.709	ug/L		98
80) Bromoform	9.724	173	112806	38.468	ug/L		99
82) Isopropylbenzene	10.033	105	854431	47.771	ug/L		99
85) n-Propylbenzene	10.557	91	1043447	51.083	ug/L		97
87) 1,1,2,2-Tetrachloroethane	10.678	83	176284	42.499	ug/L		99
90) 1,3,5-Trimethylbenzene	10.804	105	694834	47.200	ug/L		99
94) tert-Butylbenzene	11.155	119	585206	45.738	ug/L		97
97) 1,2,4-Trimethylbenzene	11.244	105	688247	46.399	ug/L		98
98) sec-Butylbenzene	11.360	105	920908	49.118	ug/L		97
99) p-Isopropyltoluene	11.522	119	765220	47.204	ug/L		98
100) 1,3-Dichlorobenzene	11.585	146	388990	44.219	ug/L		98
101) 1,4-Dichlorobenzene	11.685	146	394736	43.157	ug/L		99
103) n-Butylbenzene	11.973	91	759738	52.539	ug/L		98
104) 1,2-Dichlorobenzene	12.120	146	362451	42.896	ug/L		98
106) 1,2-Dibromo-3-chloropr...	12.927	155	25875	38.193	ug/L		98
109) 1,2,4-Trichlorobenzene	13.562	180	274497	49.279	ug/L		99
110) Naphthalene	13.855	128	447121	44.421	ug/L		100

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

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A02.D
Acq On : 29 Dec 2025 5:44 am
Operator : VOA104:MJV
Sample : WG2160213-4,31h,15,15,0.1
Misc : WG2160213,ICAL22828
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 29 06:12:21 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251229A\V04251229A01.D
Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

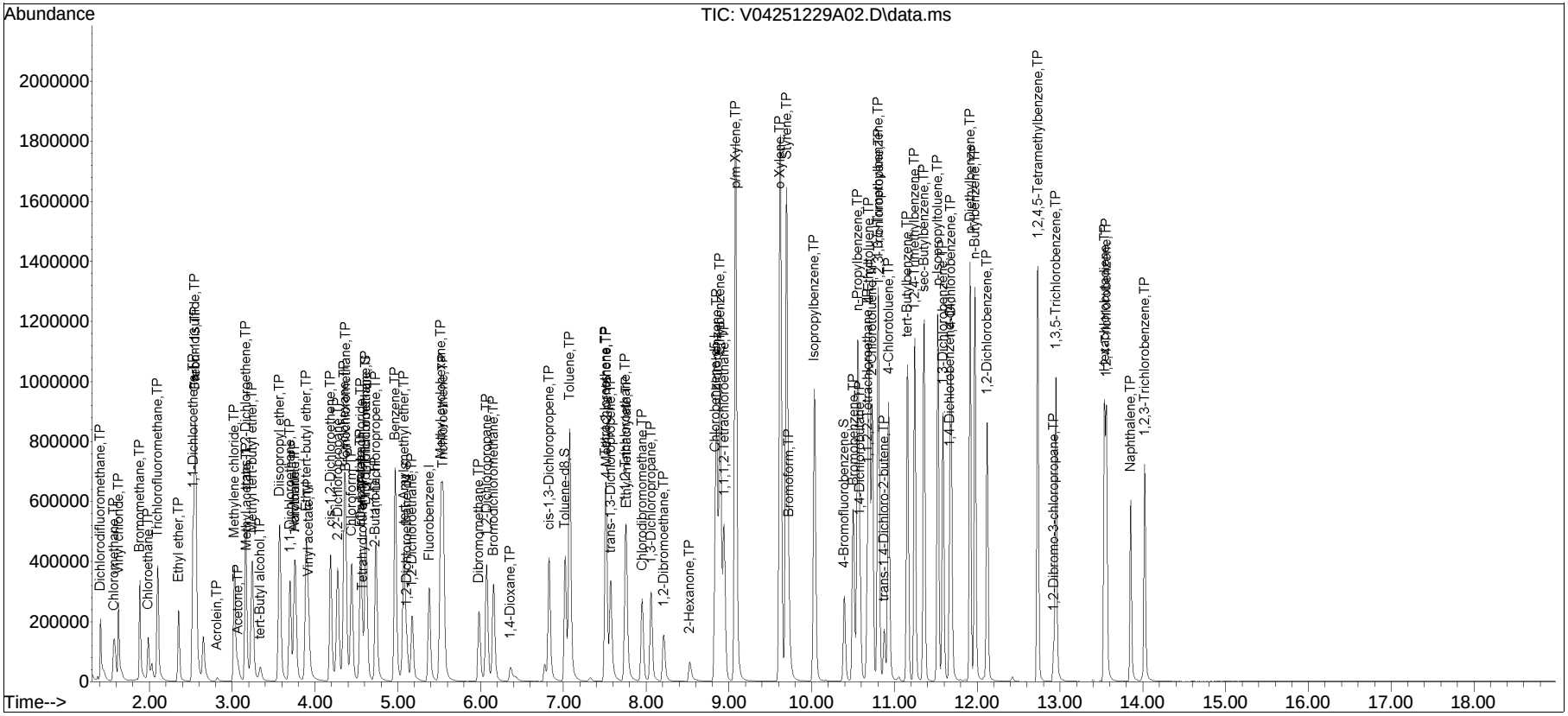
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

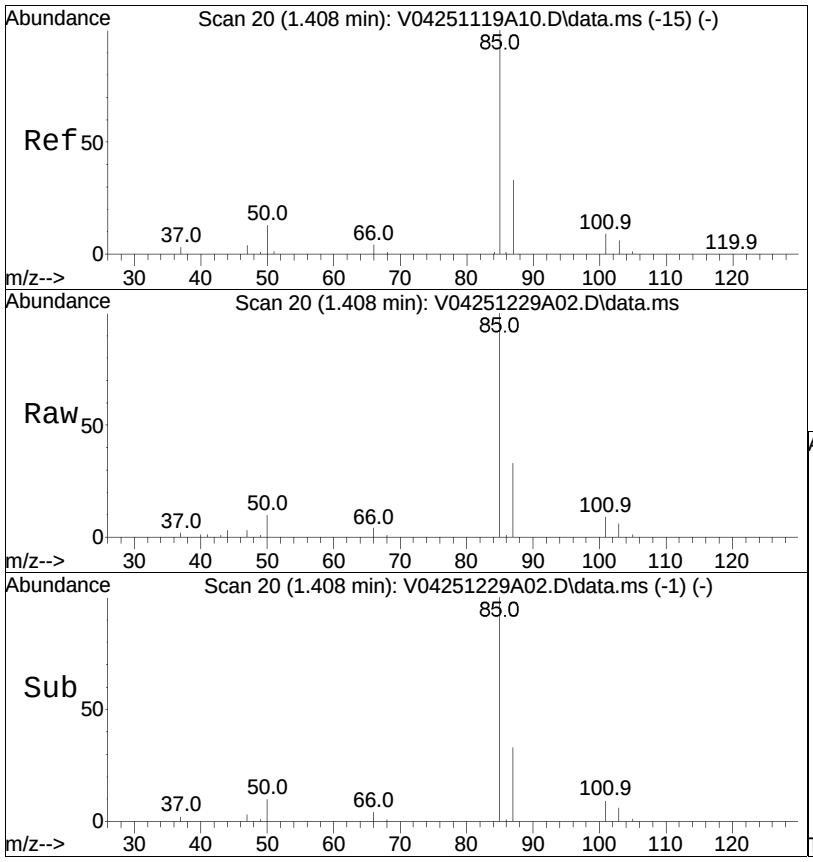
Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A02.D
Acq On : 29 Dec 2025 5:44 am
Operator : VOA104:MJV
Sample : WG2160213-4,31h,15,15,0.1
Misc : WG2160213,ICAL22828
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 29 06:12:21 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODOD•

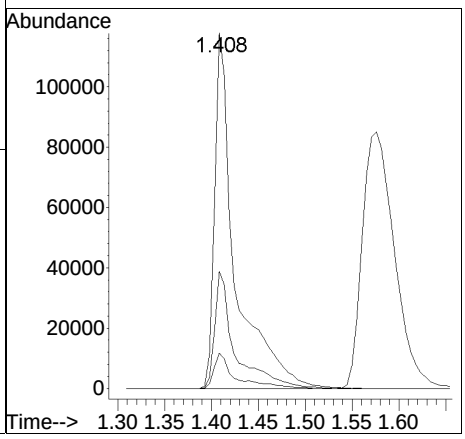


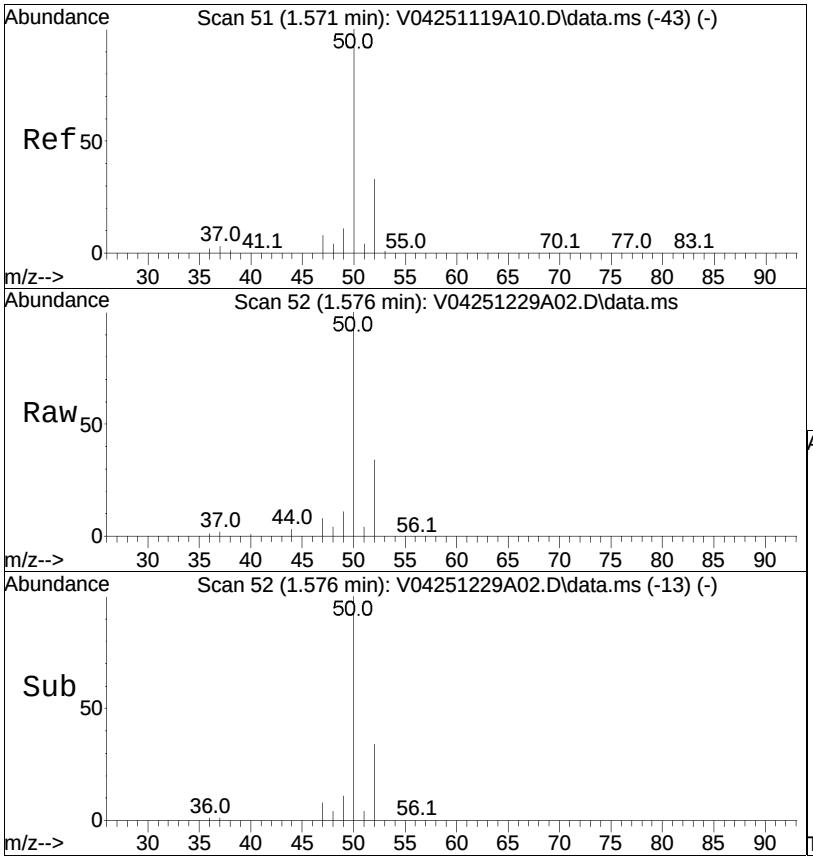


#2
Dichlorodifluoromethane
Concen: 29.21 ug/L
RT: 1.408 min Scan# 20
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 85 Resp: 181374

Ion	Ratio	Lower	Upper
85	100		
87	32.4	20.9	43.5
50	10.1	8.1	16.9

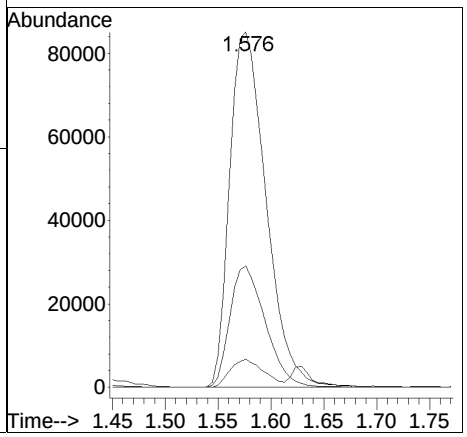


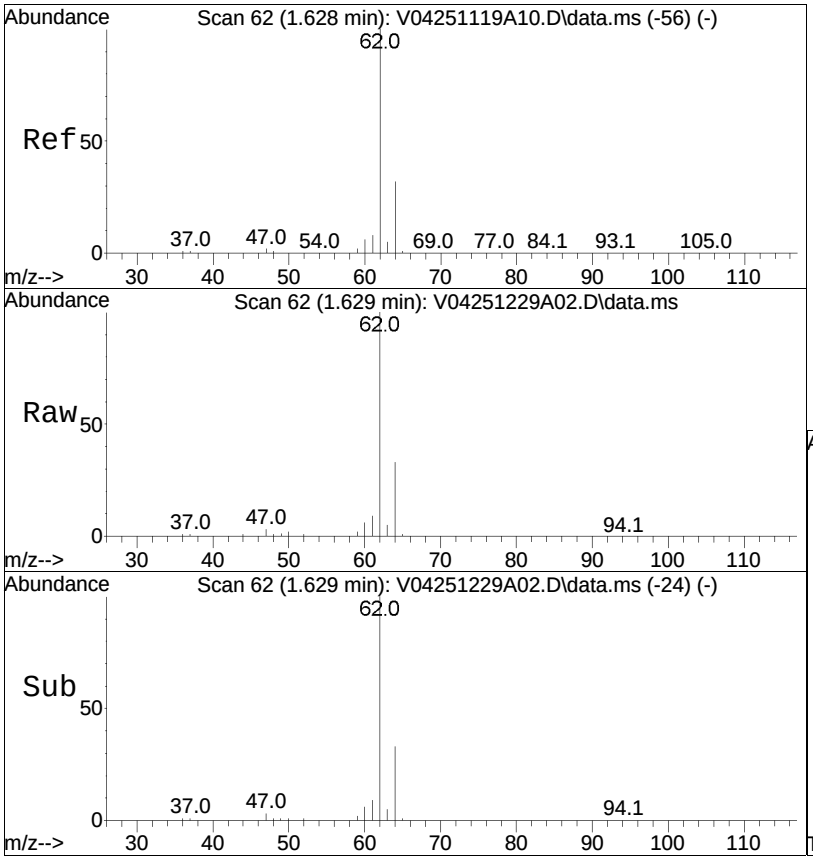


#3
Chloromethane
Concen: 31.94 ug/L
RT: 1.576 min Scan# 52
Delta R.T. 0.005 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 50 Resp: 204116

Ion	Ratio	Lower	Upper
50	100		
52	33.3	13.0	53.0
47	7.5	0.0	28.2

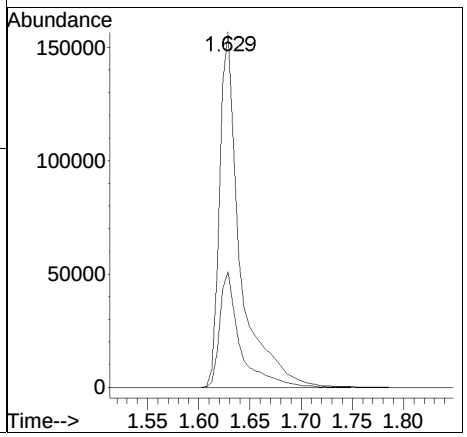


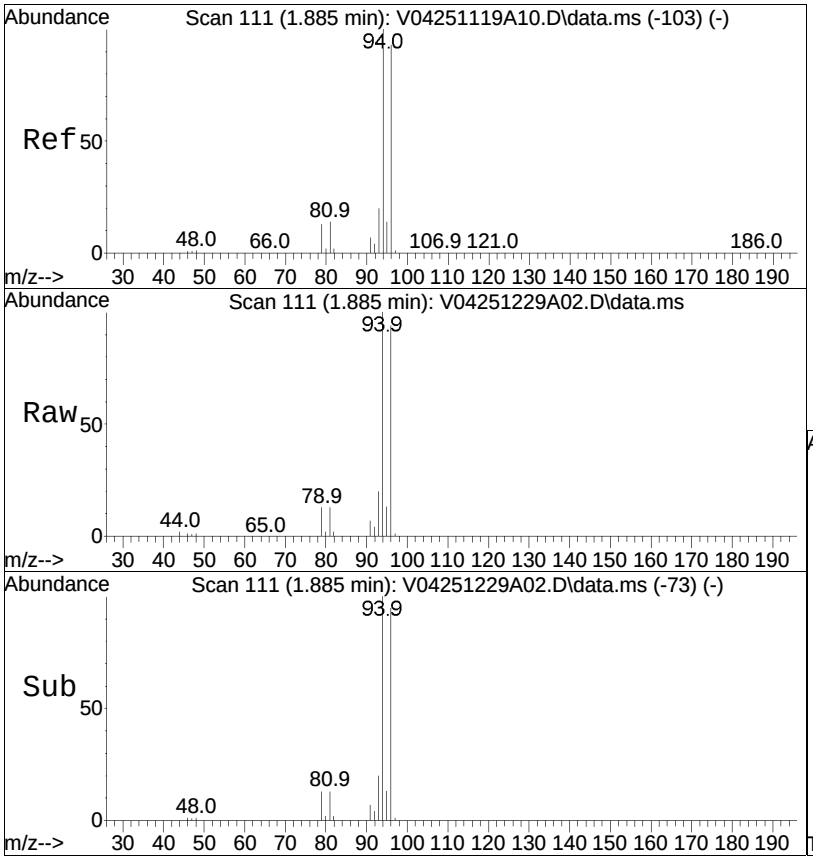


#4
Vinyl chloride
Concen: 35.02 ug/L
RT: 1.629 min Scan# 62
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 62 Resp: 219261

Ion	Ratio	Lower	Upper
62	100		
64	32.4	11.6	51.6

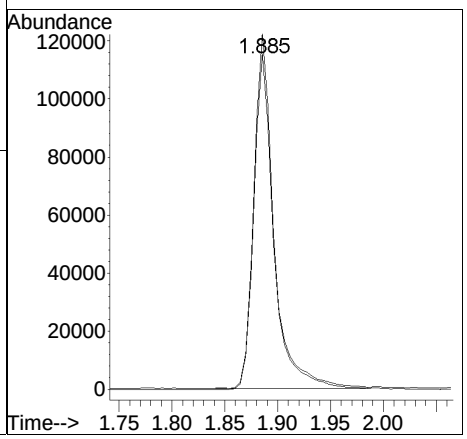


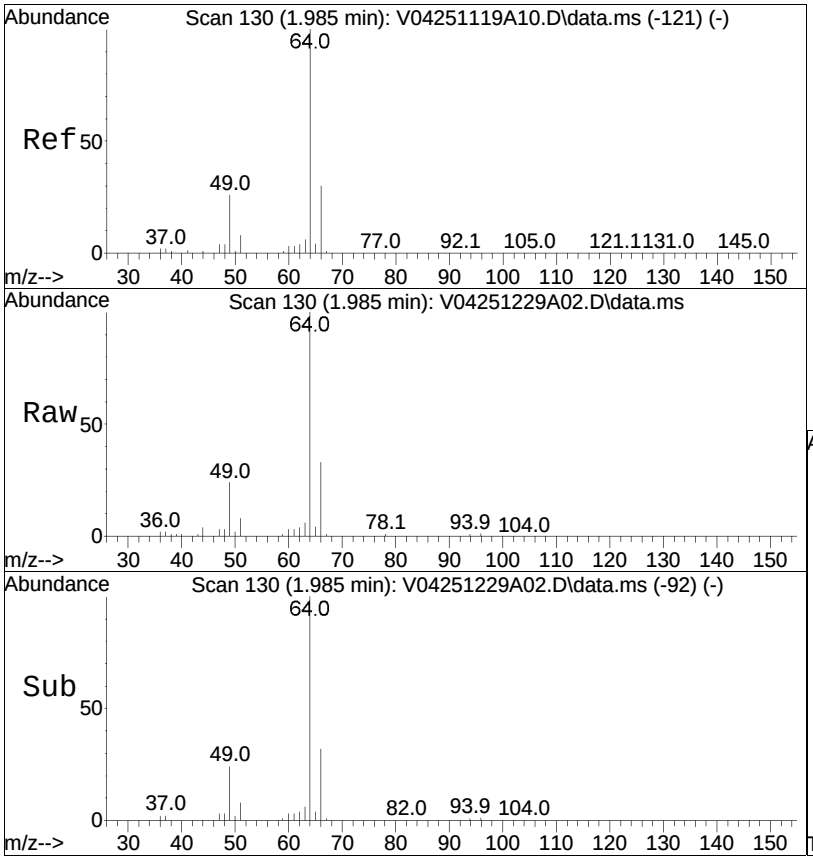


#5
Bromomethane
Concen: 46.33 ug/L
RT: 1.885 min Scan# 111
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 94 Resp: 162929

Ion	Ratio	Lower	Upper
94	100		
96	94.4	71.0	111.0

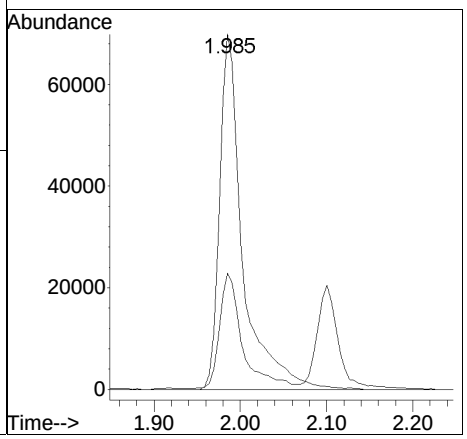


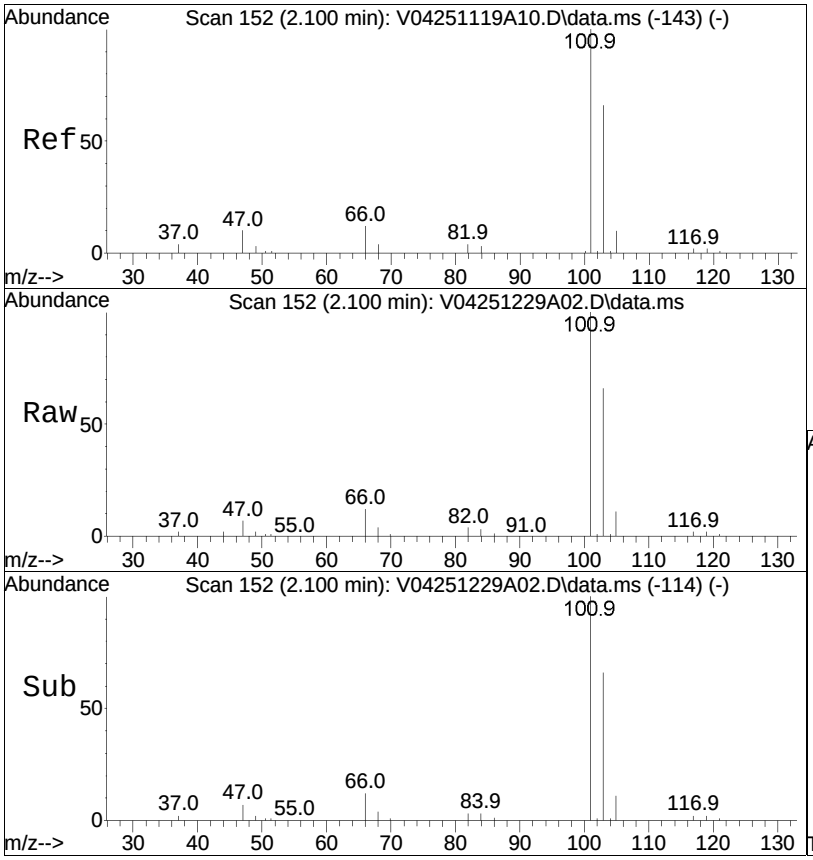


#6
Chloroethane
Concen: 35.86 ug/L
RT: 1.985 min Scan# 130
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 64 Resp: 130102

Ion	Ratio	Lower	Upper
64	100		
66	32.1	13.7	53.7

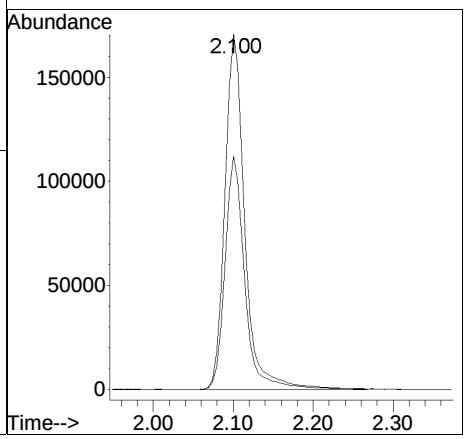


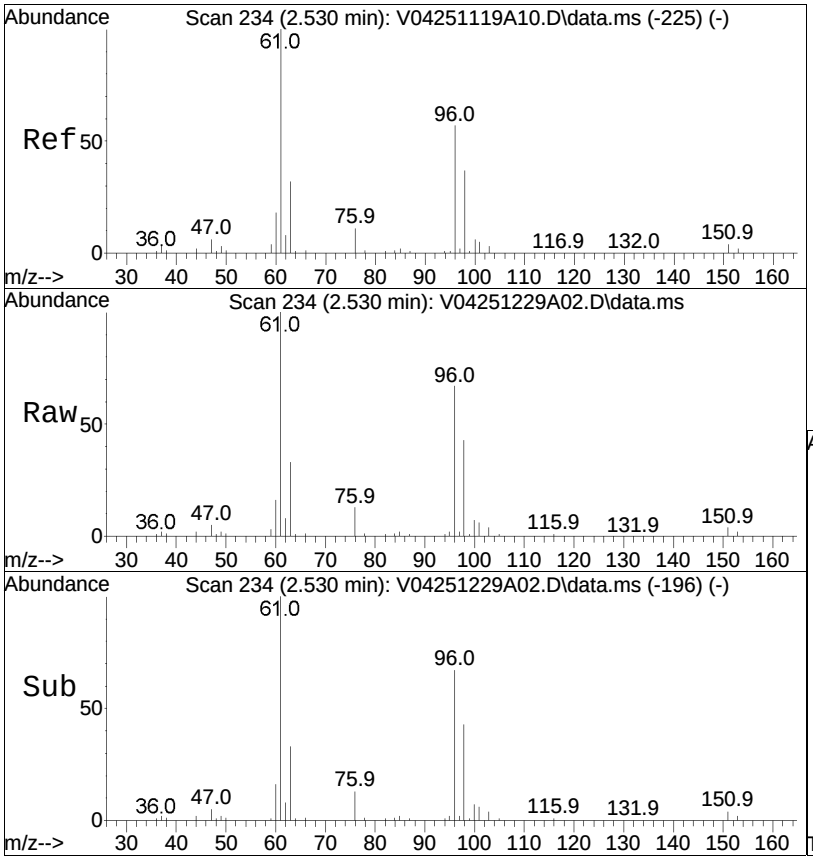


#7
Trichlorofluoromethane
Concen: 39.73 ug/L
RT: 2.100 min Scan# 152
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:101 Resp: 294493

Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.7	77.5

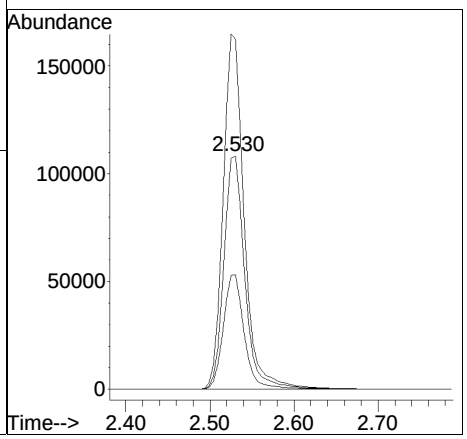


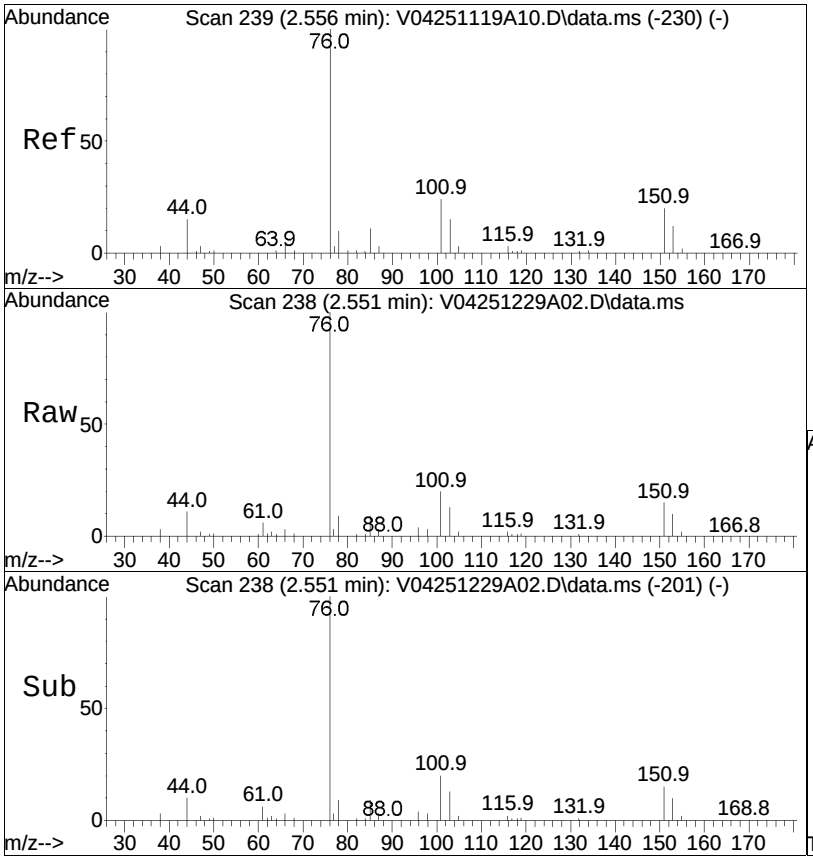


#10
1,1-Dichloroethene
Concen: 44.33 ug/L
RT: 2.530 min Scan# 234
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 96 Resp: 188470

Ion	Ratio	Lower	Upper
96	100		
61	152.1	145.8	218.6
63	49.3	46.6	69.8

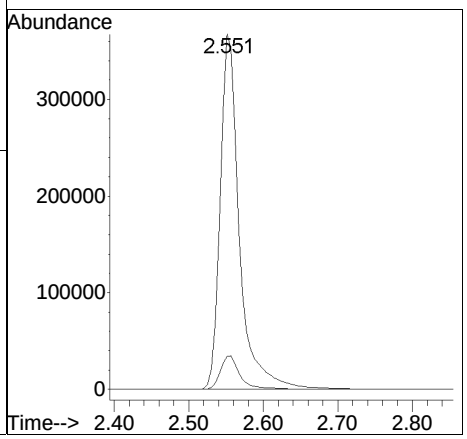


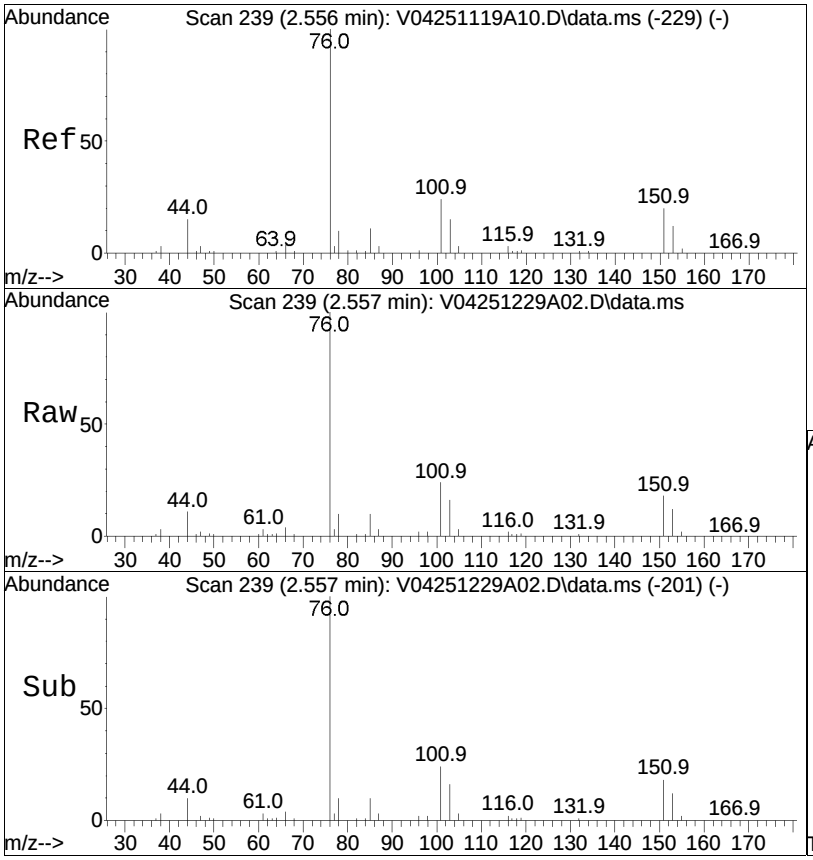


#11
Carbon disulfide
Concen: 42.28 ug/L
RT: 2.551 min Scan# 238
Delta R.T. -0.005 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 76 Resp: 659570

Ion	Ratio	Lower	Upper
76	100		
78	9.8	6.6	13.8

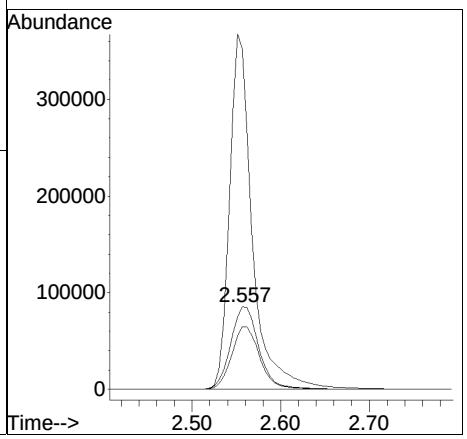


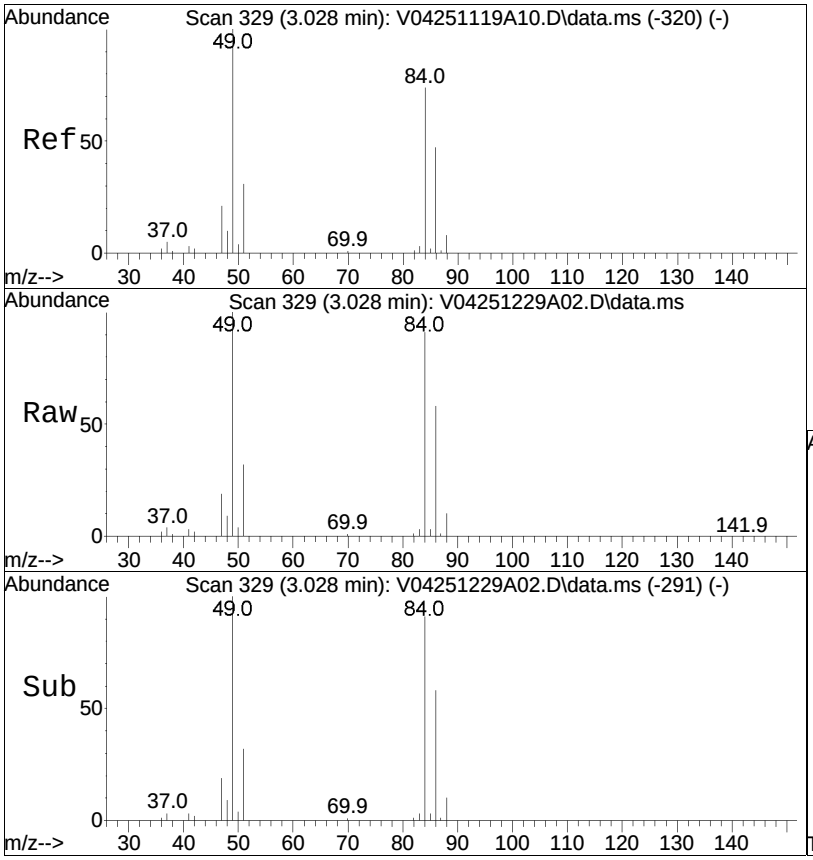


#12
Freon-113
Concen: 45.51 ug/L
RT: 2.557 min Scan# 239
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:101 Resp: 191732

Ion	Ratio	Lower	Upper
101	100		
151	75.8	65.3	97.9
76	344.0	224.2	336.4#

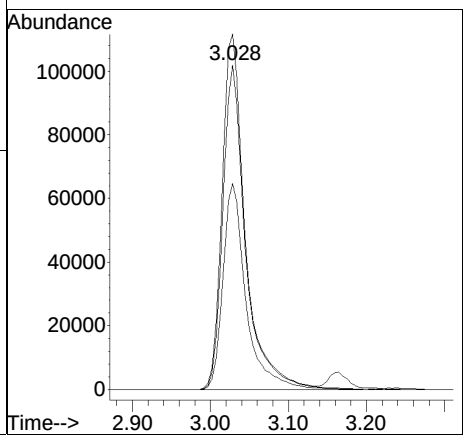


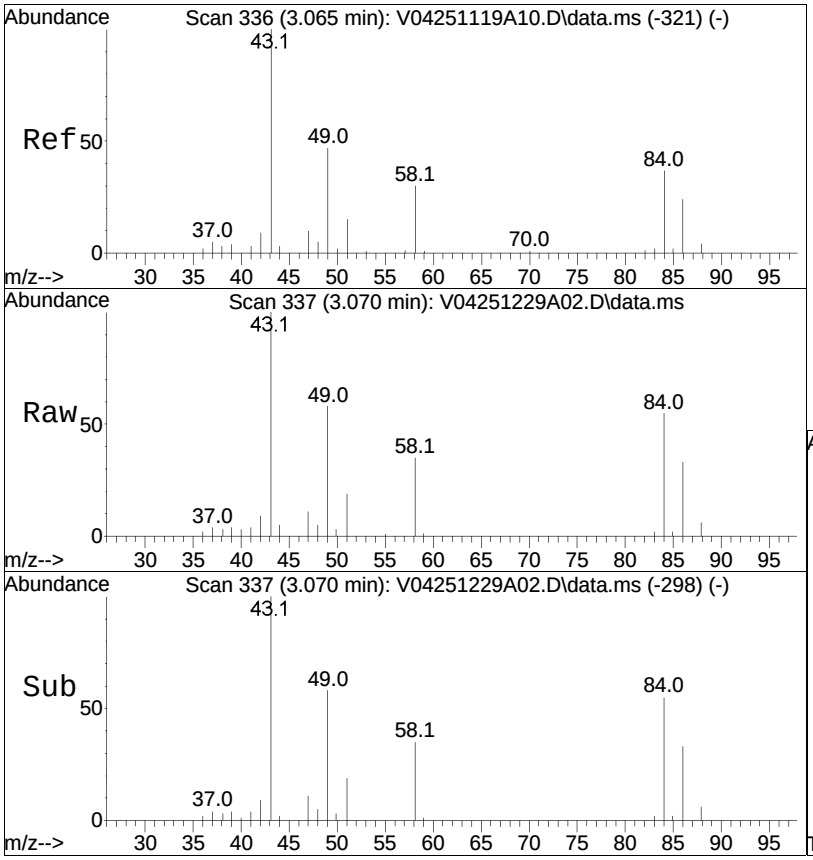


#15
Methylene chloride
Concen: 38.79 ug/L
RT: 3.028 min Scan# 329
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 84 Resp: 207650

Ion	Ratio	Lower	Upper
84	100		
86	64.1	41.3	85.9
49	111.0	91.0	189.0

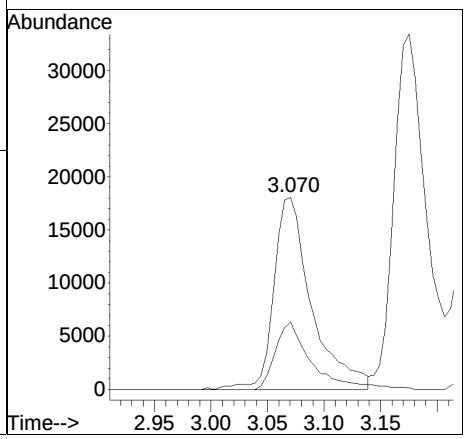


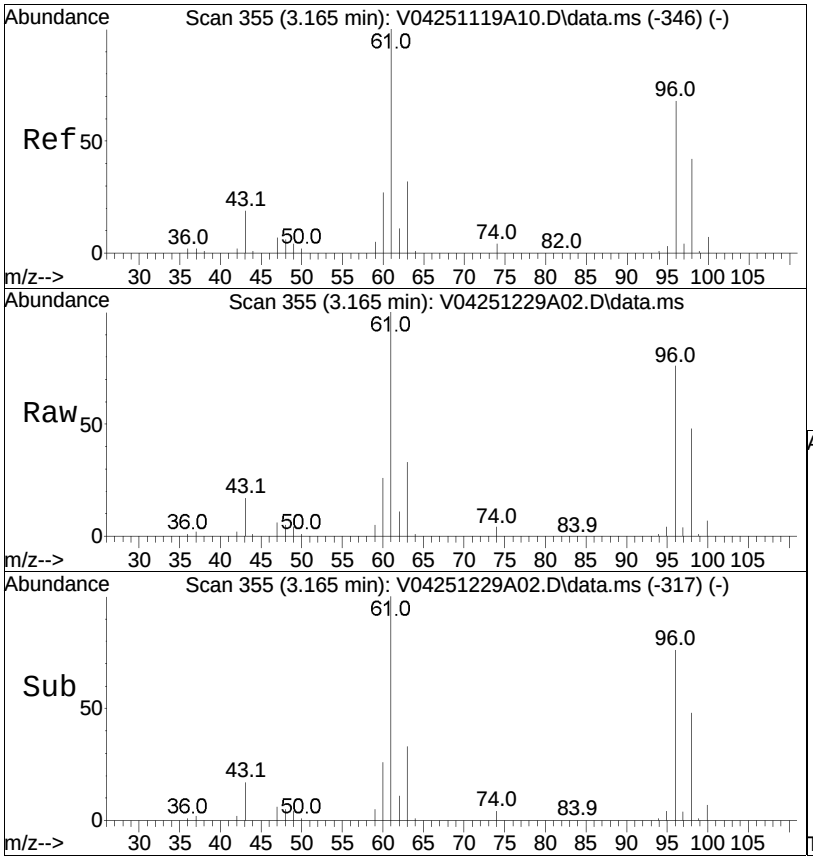


#17
Acetone
Concen: 24.51 ug/L
RT: 3.070 min Scan# 337
Delta R.T. 0.005 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 43 Resp: 42067

Ion	Ratio	Lower	Upper
43	100		
58	33.6	23.2	34.8

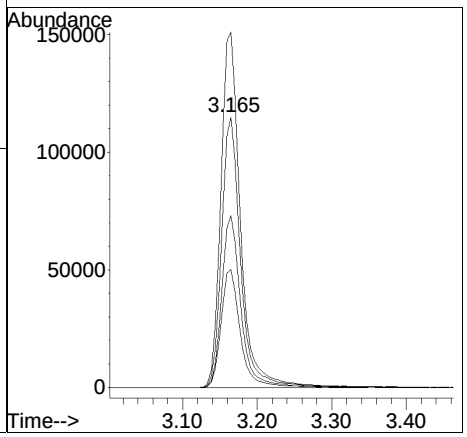


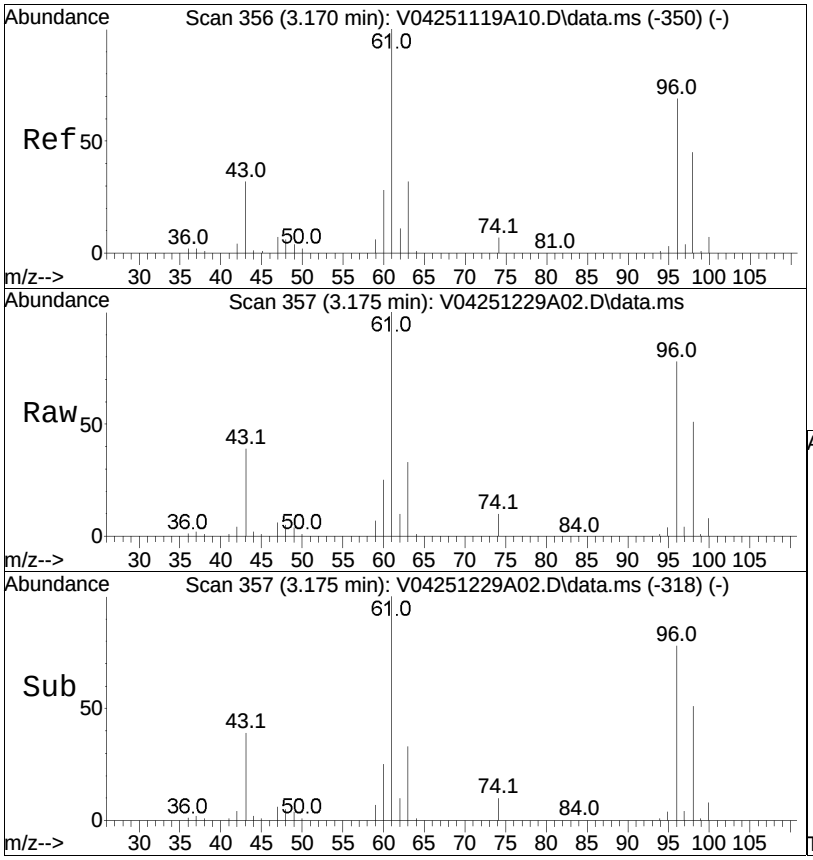


#18
trans-1,2-Dichloroethene
Concen: 43.18 ug/L
RT: 3.165 min Scan# 355
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 96 Resp: 205685

Ion	Ratio	Lower	Upper
96	100		
61	134.7	103.7	215.3
98	63.7	41.0	85.0
63	43.8	32.1	66.7

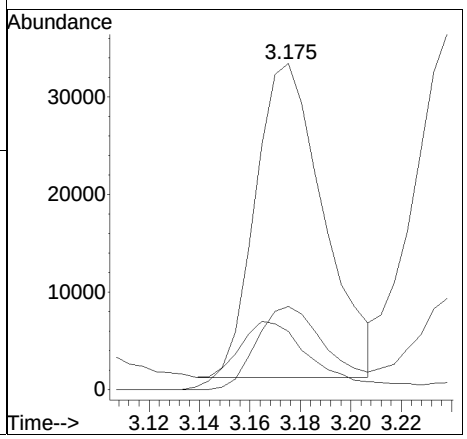


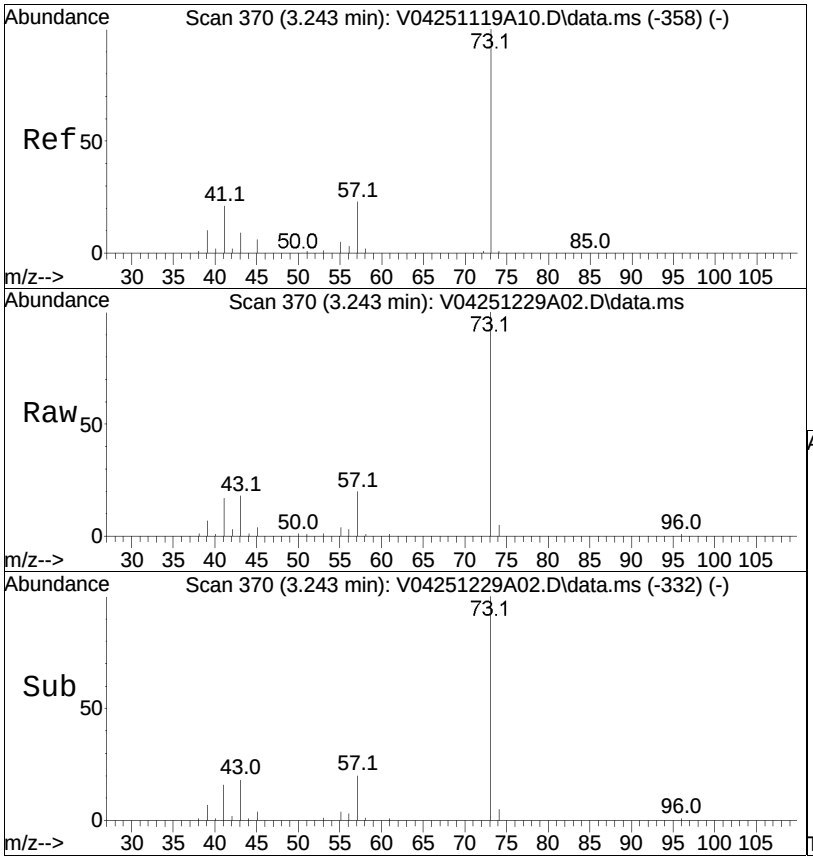


#19
Methyl acetate
Concen: 33.90 ug/L
RT: 3.175 min Scan# 357
Delta R.T. 0.005 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 43 Resp: 60444

Ion	Ratio	Lower	Upper
43	100		
74	27.0	16.2	24.2#
59	24.5	13.7	20.5#

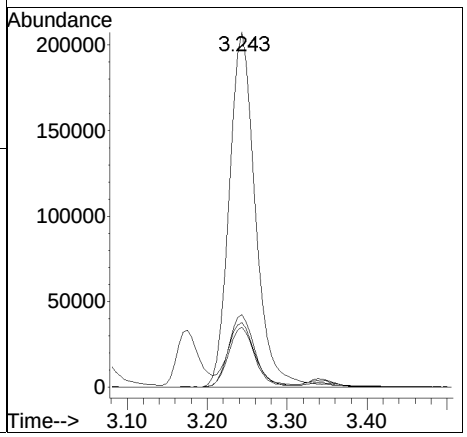


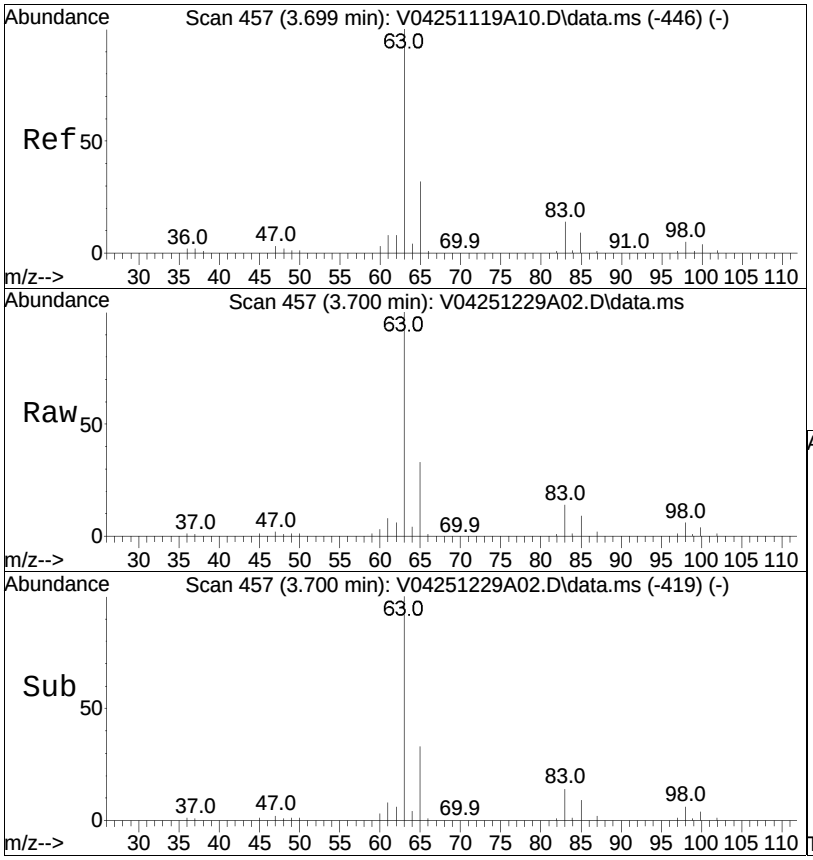


#20
Methyl tert-butyl ether
Concen: 40.26 ug/L
RT: 3.243 min Scan# 370
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 73 Resp: 475479

Ion	Ratio	Lower	Upper
73	100		
57	20.3	16.3	33.9
43	18.3	14.7	30.5
41	16.7	15.4	32.0

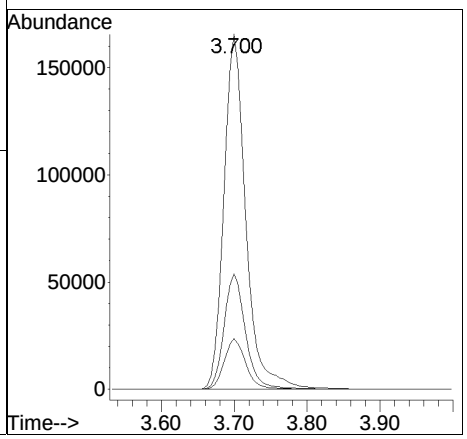


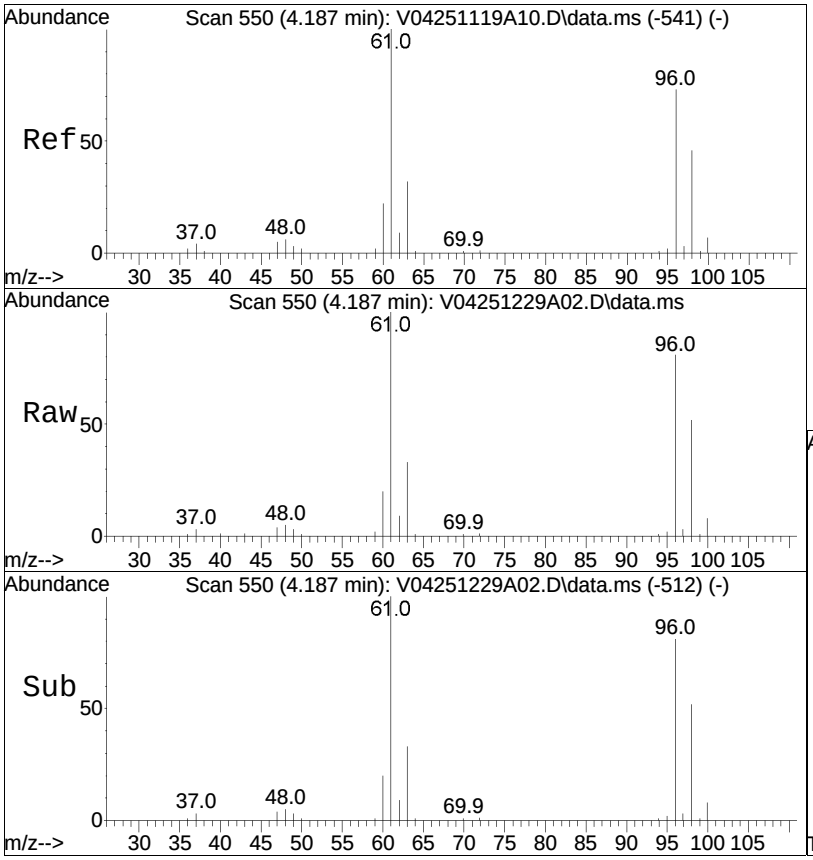


#23
1,1-Dichloroethane
Concen: 38.95 ug/L
RT: 3.700 min Scan# 457
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 63 Resp: 347633

Ion	Ratio	Lower	Upper
63	100		
65	31.9	10.4	50.4
83	14.1	0.0	32.2

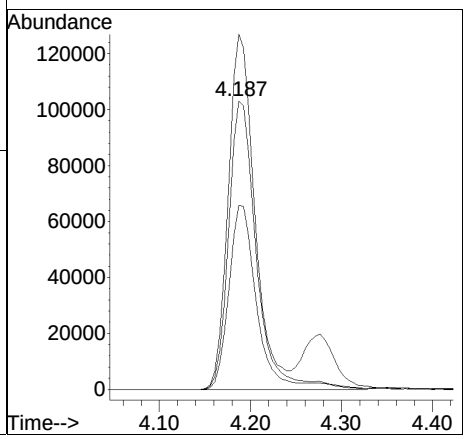


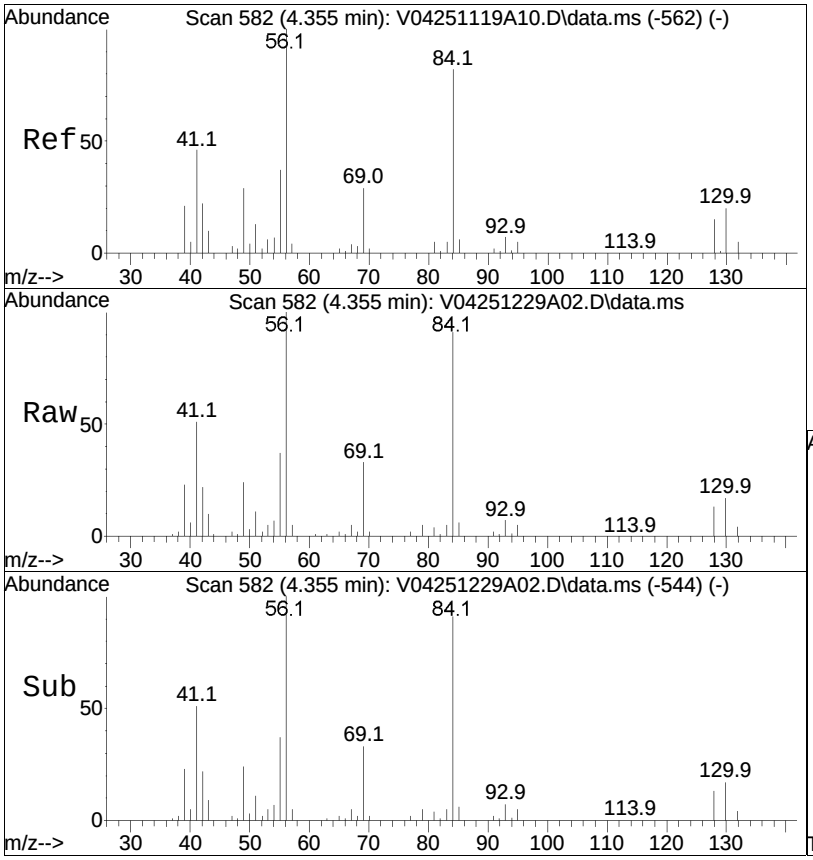


#28
cis-1,2-Dichloroethene
Concen: 40.76 ug/L
RT: 4.187 min Scan# 550
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 96 Resp: 219352

Ion	Ratio	Lower	Upper
96	100		
61	116.4	114.4	171.6
98	64.7	51.3	76.9

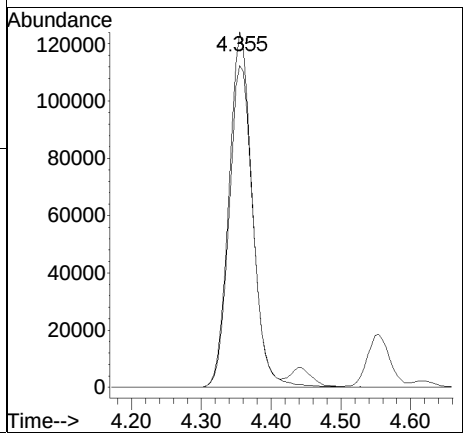


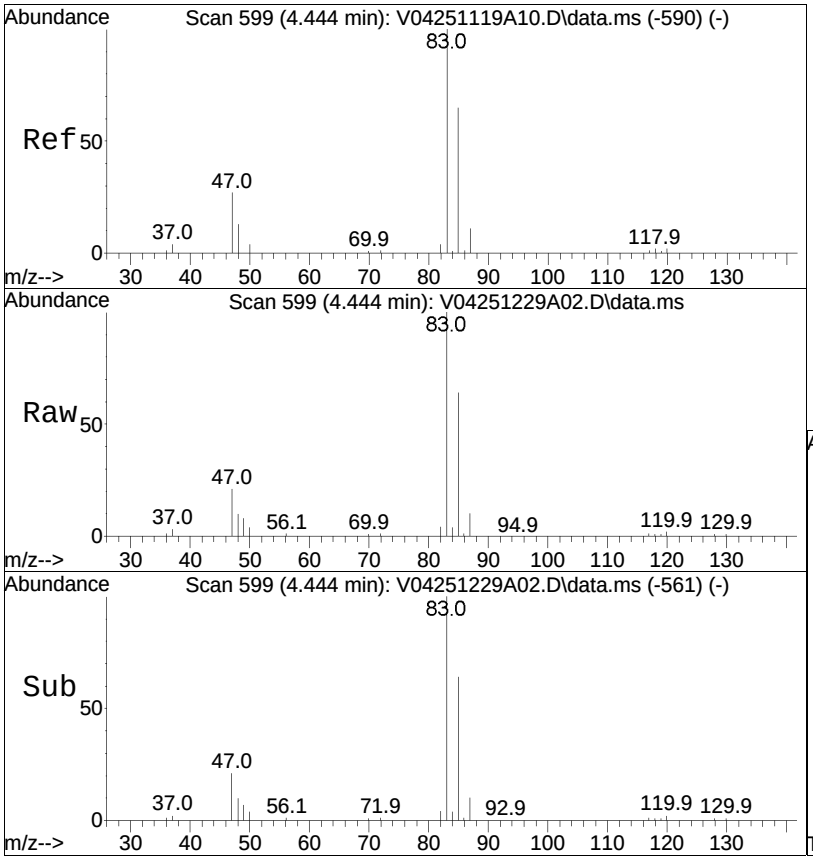


#31
Cyclohexane
Concen: 40.16 ug/L
RT: 4.355 min Scan# 582
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 56 Resp: 291373

Ion	Ratio	Lower	Upper
56	100		
84	91.3	48.2	100.2

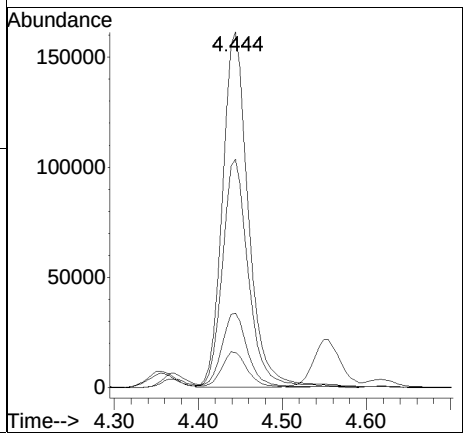


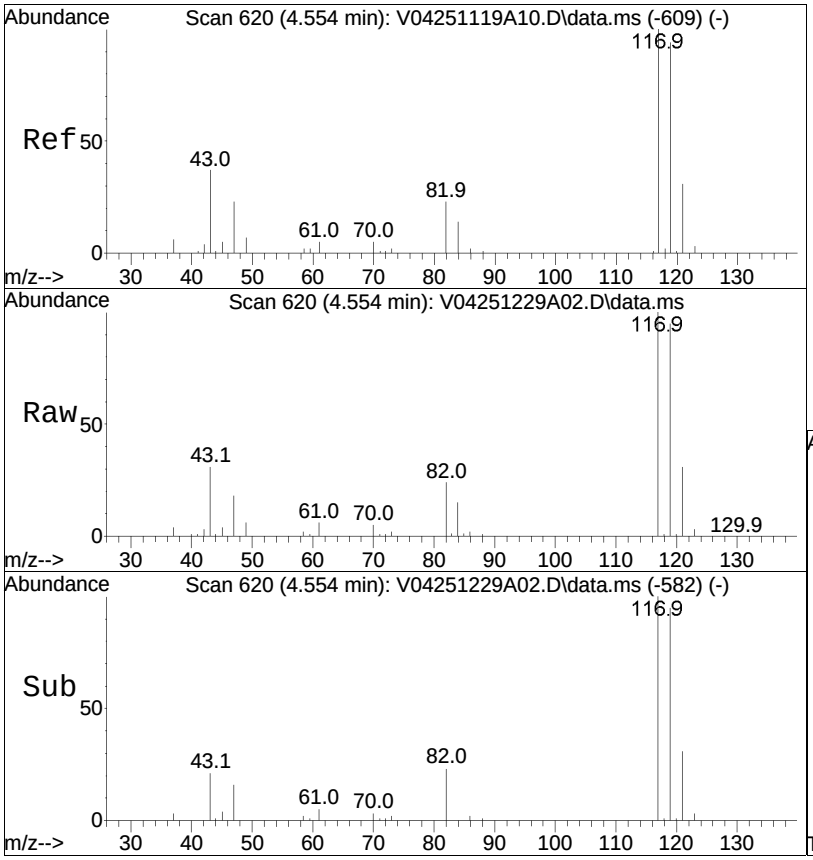


#32
Chloroform
Concen: 40.72 ug/L
RT: 4.444 min Scan# 599
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 83 Resp: 344526

Ion	Ratio	Lower	Upper
83	100		
85	64.5	41.9	87.1
47	19.5	16.7	34.7
48	9.7	7.9	16.3

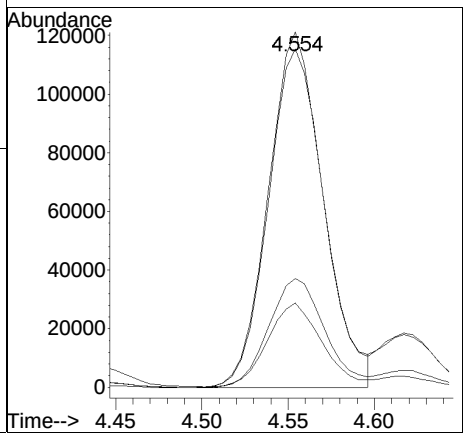


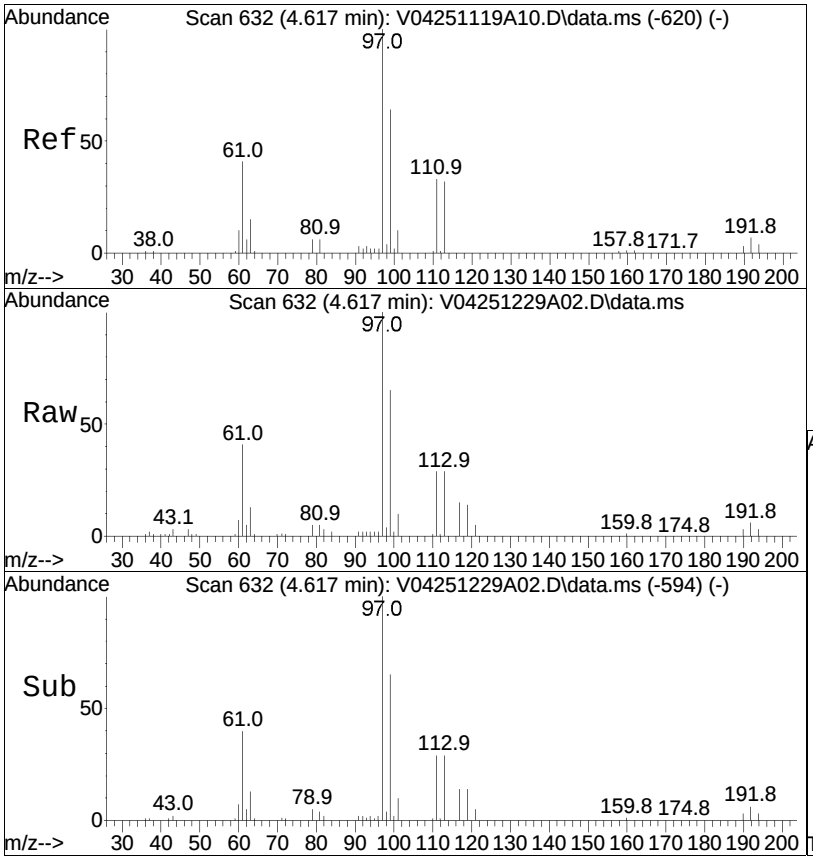


#34
Carbon tetrachloride
Concen: 39.15 ug/L
RT: 4.554 min Scan# 620
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:117 Resp: 267930

Ion	Ratio	Lower	Upper
117	100		
119	96.9	62.9	130.7
121	31.3	20.2	42.0
82	23.6	14.9	30.9

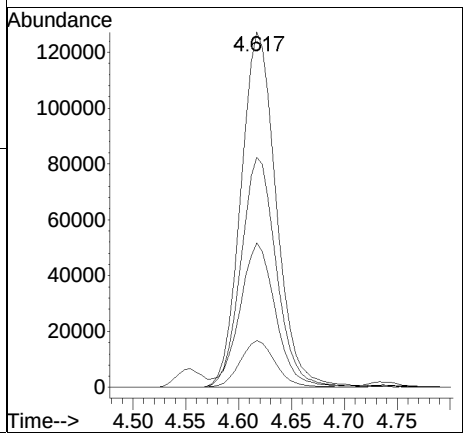


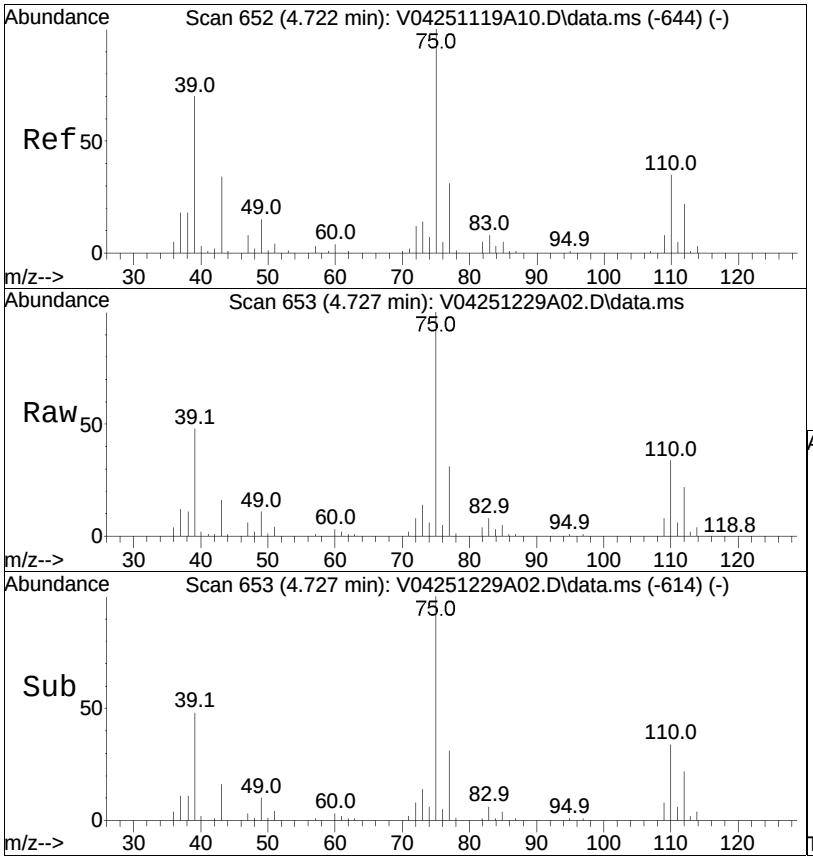


#37
1,1,1-Trichloroethane
Concen: 41.72 ug/L
RT: 4.617 min Scan# 632
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 97 Resp: 296771

Ion	Ratio	Lower	Upper
97	100		
99	65.1	41.7	86.7
61	40.9	30.9	64.3
63	13.2	9.6	20.0

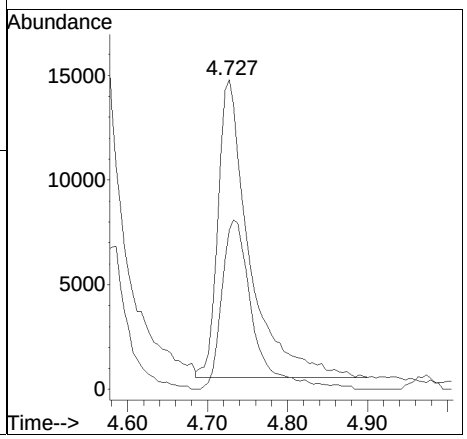


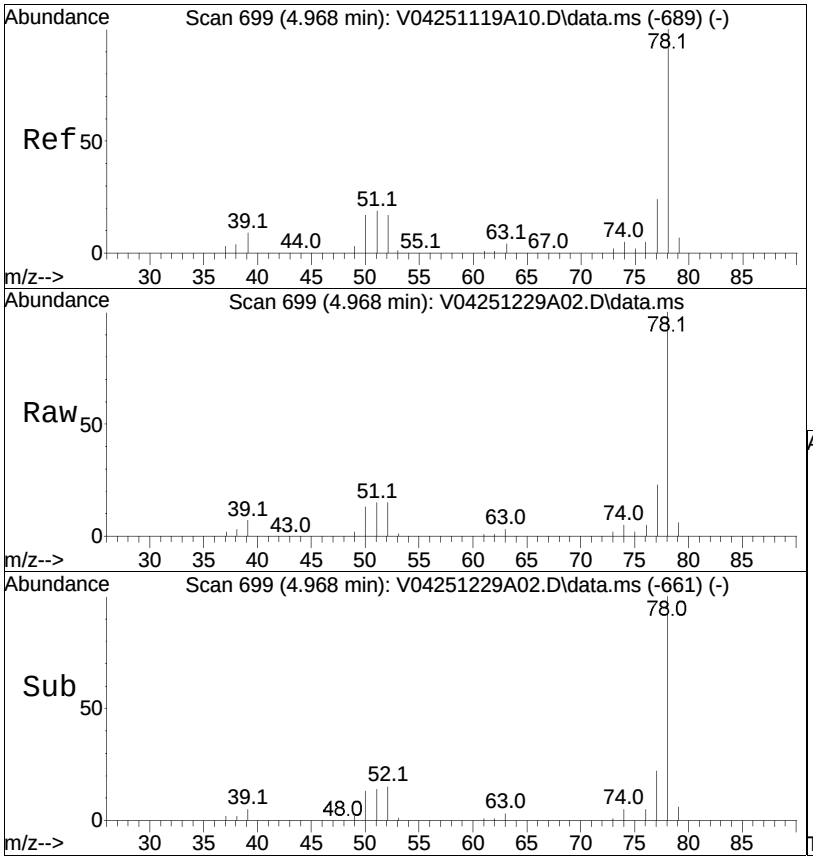


#39
2-Butanone
Concen: 31.38 ug/L
RT: 4.727 min Scan# 653
Delta R.T. 0.005 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 43 Resp: 38971

Ion	Ratio	Lower	Upper
43	100		
72	56.3	25.8	38.8#

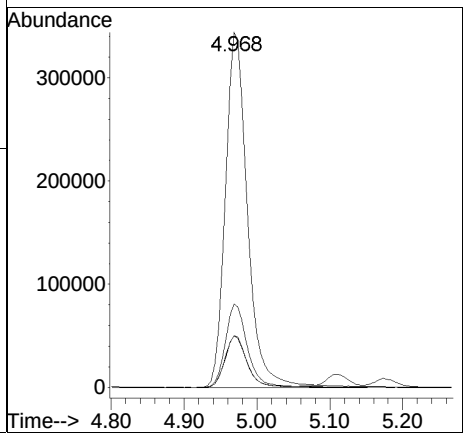


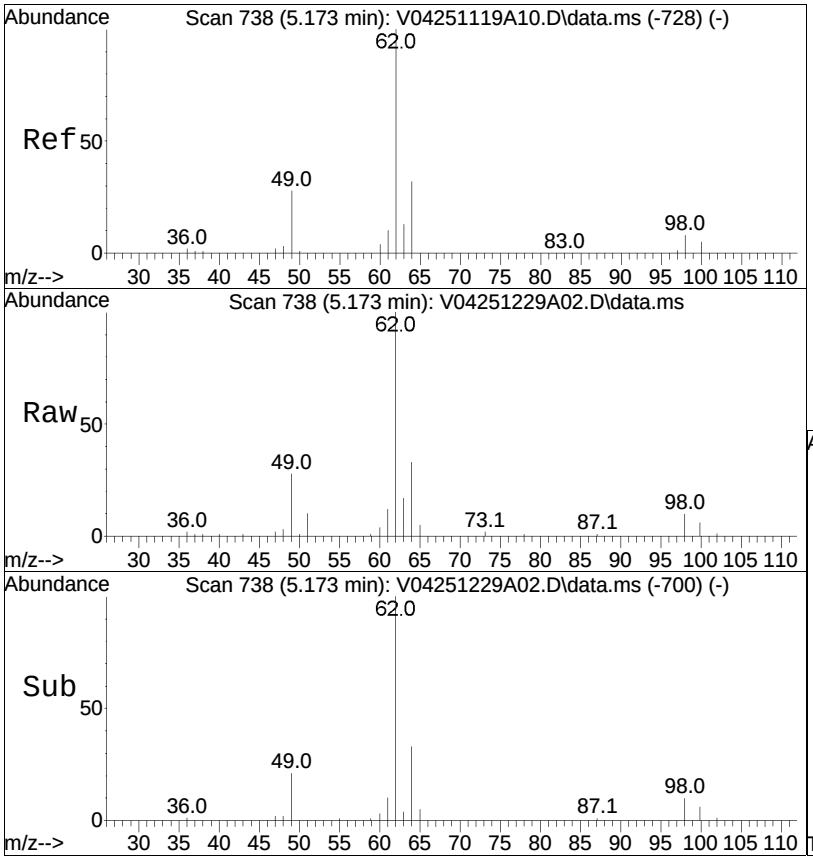


#41
Benzene
Concen: 43.57 ug/L
RT: 4.968 min Scan# 699
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 78 Resp: 729003

Ion	Ratio	Lower	Upper
78	100		
77	23.5	15.1	31.3
51	14.4	12.2	25.4
52	14.2	11.9	24.7

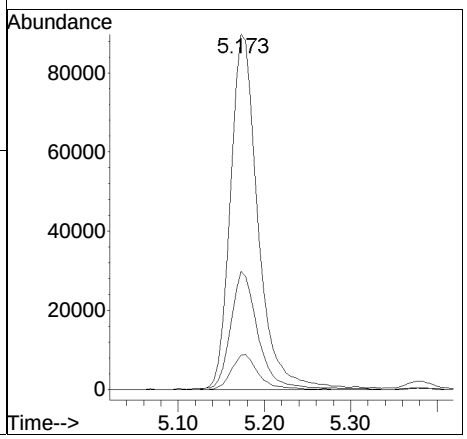


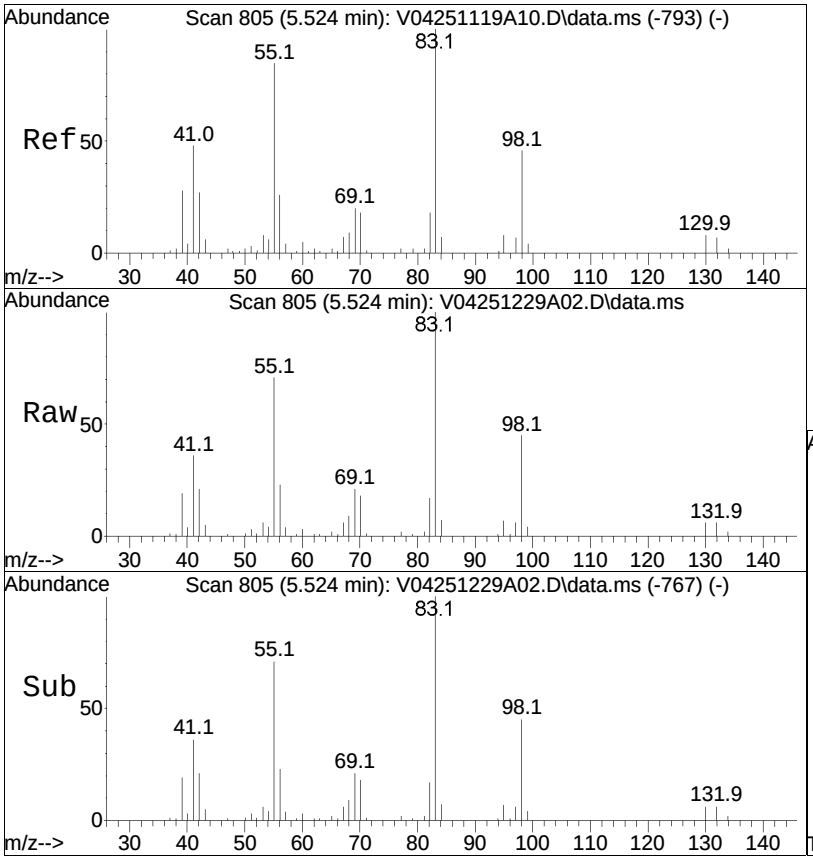


#44
1,2-Dichloroethane
Concen: 33.77 ug/L
RT: 5.173 min Scan# 738
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 62 Resp: 200053

Ion	Ratio	Lower	Upper
62	100		
64	33.1	11.3	51.3
98	9.5	0.0	27.5

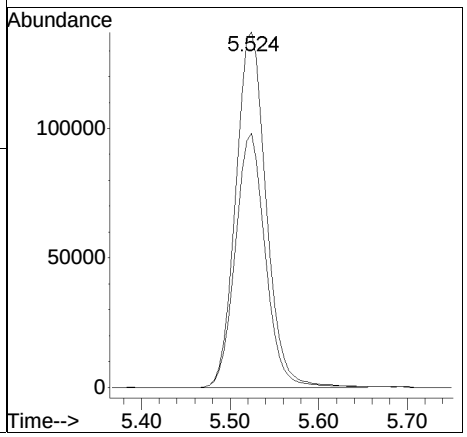


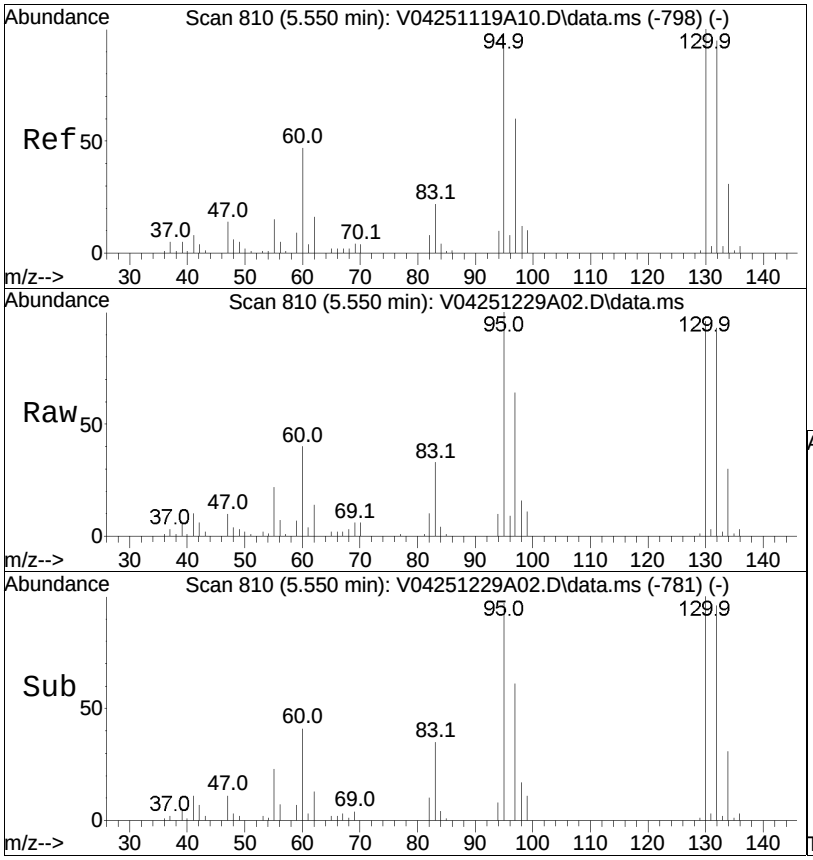


#47
Methyl cyclohexane
Concen: 46.76 ug/L
RT: 5.524 min Scan# 805
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 83 Resp: 327681

Ion	Ratio	Lower	Upper
83	100		
55	70.7	73.0	109.4#

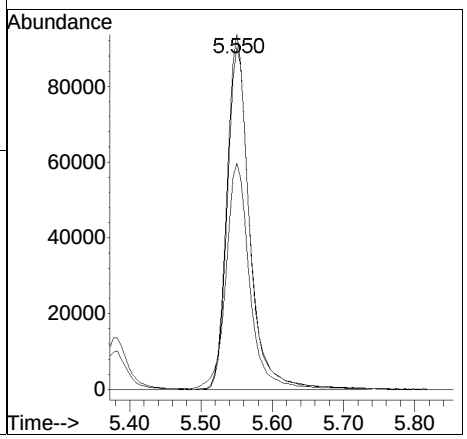


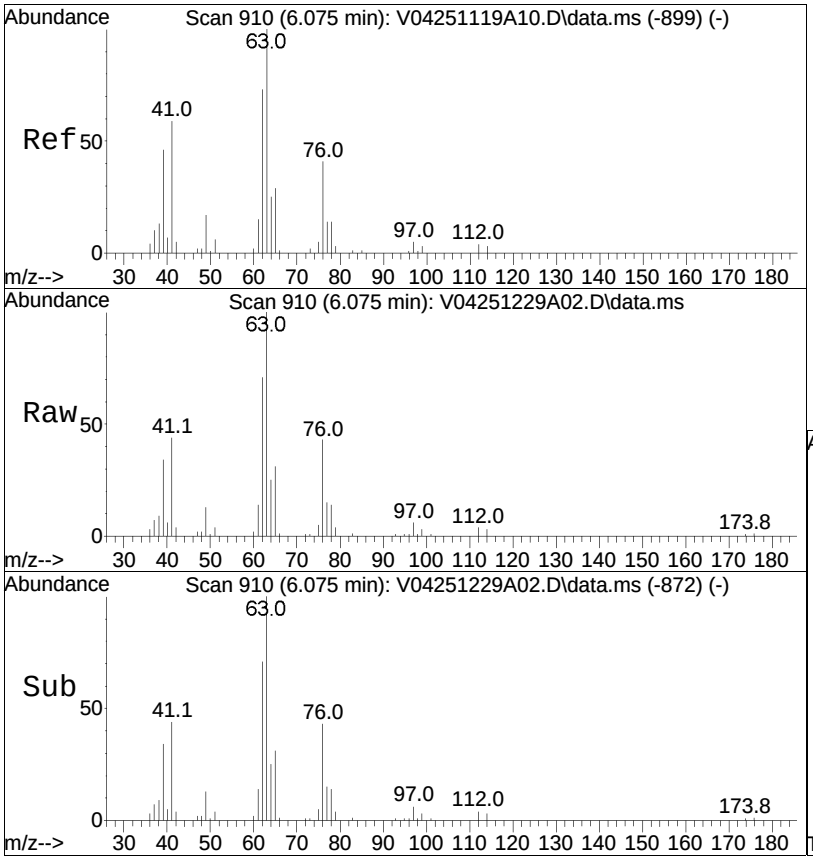


#48
Trichloroethene
Concen: 46.24 ug/L
RT: 5.550 min Scan# 810
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 95 Resp: 205831

Ion	Ratio	Lower	Upper
95	100		
97	67.0	53.9	80.9
130	96.7	83.1	124.7

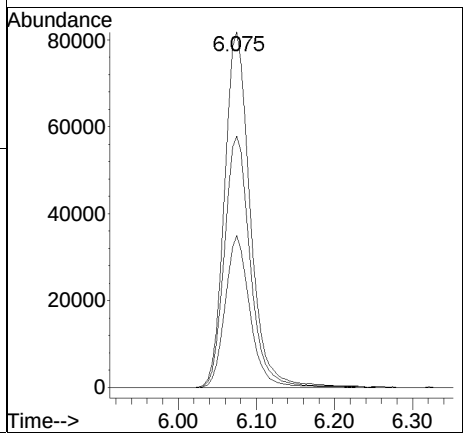


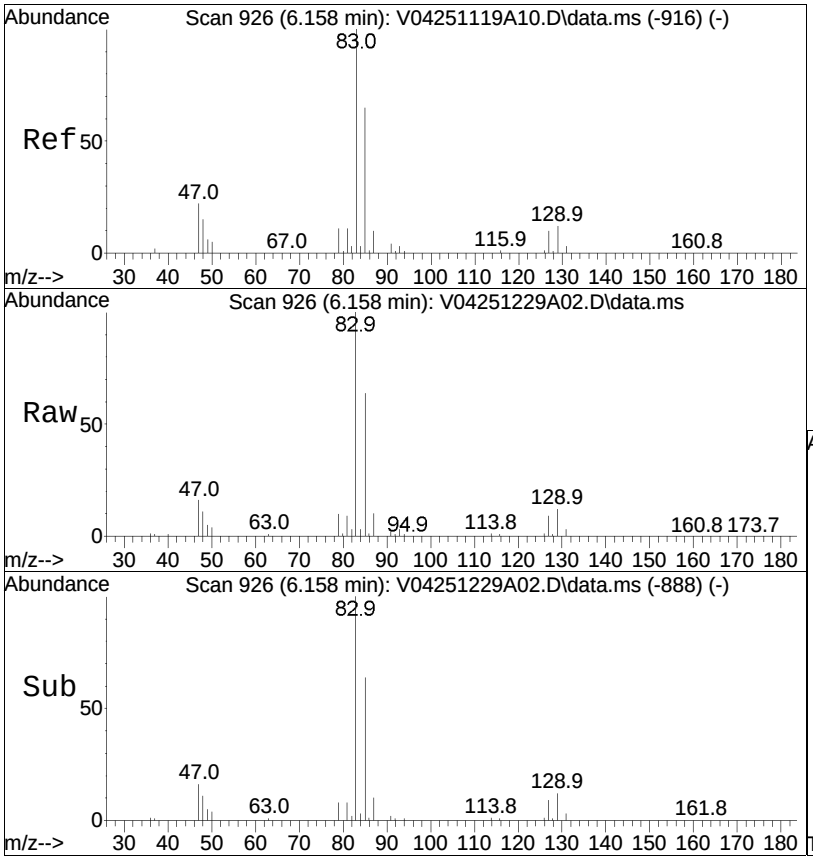


#51
1,2-Dichloropropane
Concen: 38.62 ug/L
RT: 6.075 min Scan# 910
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 63 Resp: 187279

Ion	Ratio	Lower	Upper
63	100		
62	71.3	58.2	87.2
76	41.3	31.4	47.2

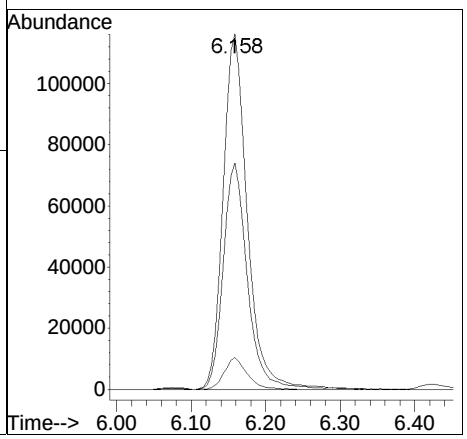


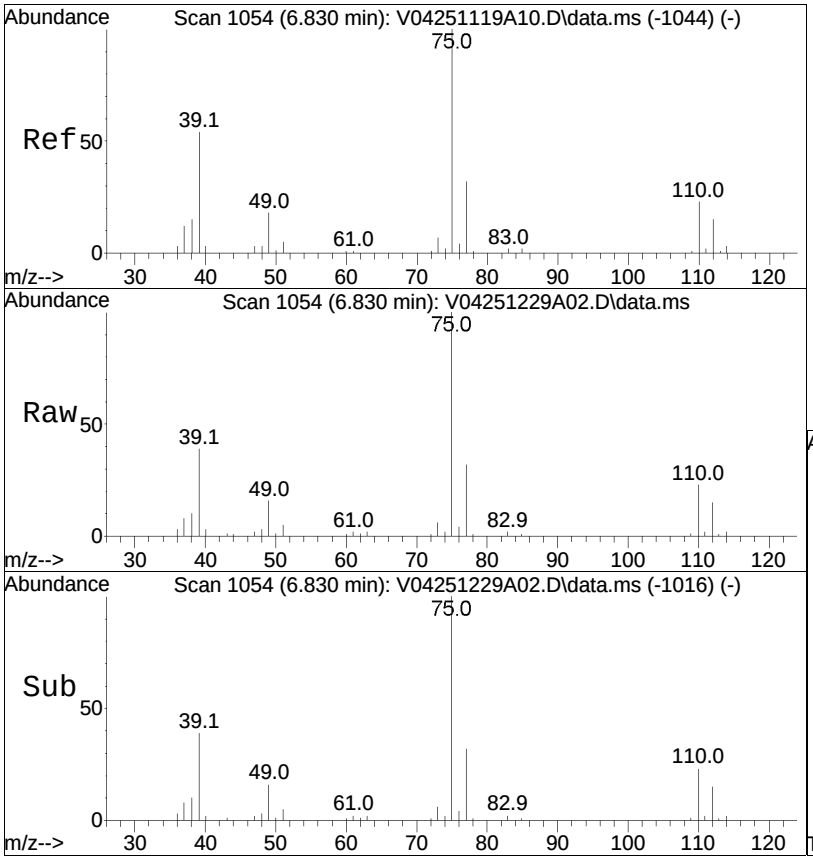


#54
Bromodichloromethane
Concen: 39.80 ug/L
RT: 6.158 min Scan# 926
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 83 Resp: 263218

Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.2	76.8
127	8.5	7.3	10.9

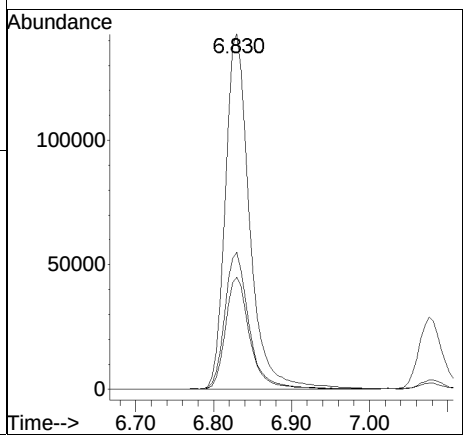


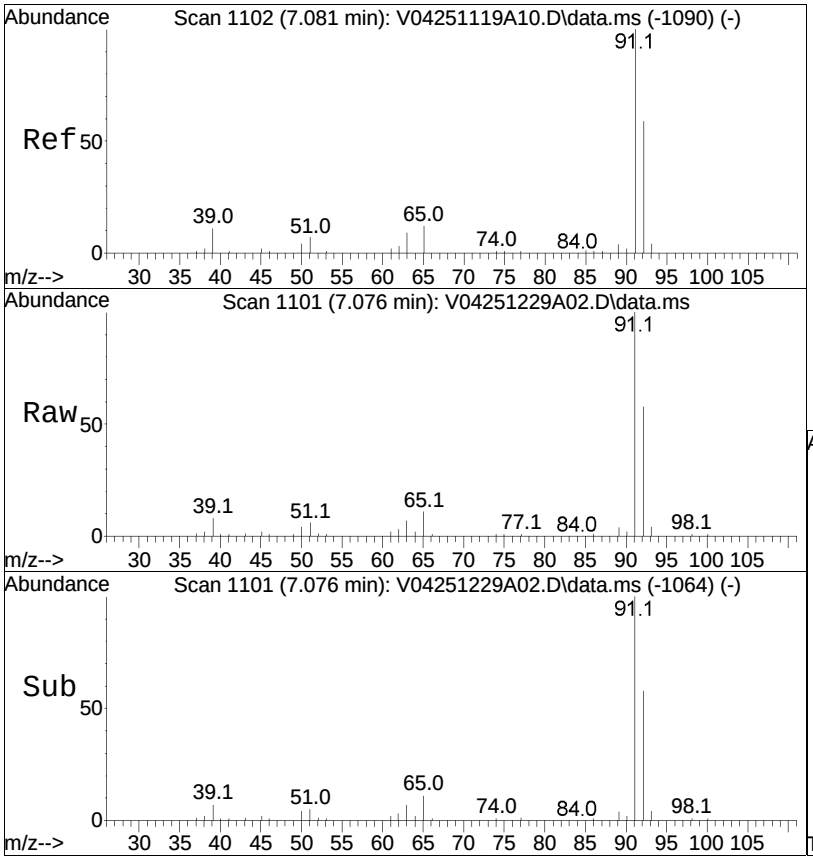


#58
cis-1,3-Dichloropropene
Concen: 43.59 ug/L
RT: 6.830 min Scan# 1054
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 75 Resp: 311083

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.3	37.9
39	38.9	40.2	60.2#

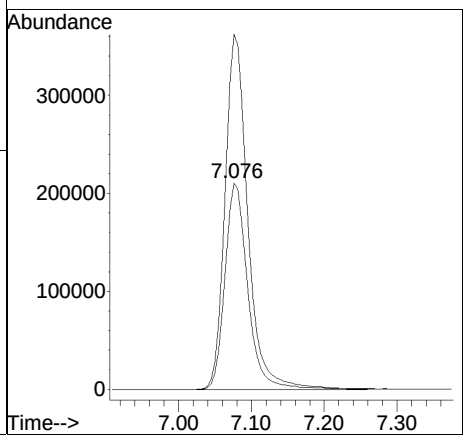


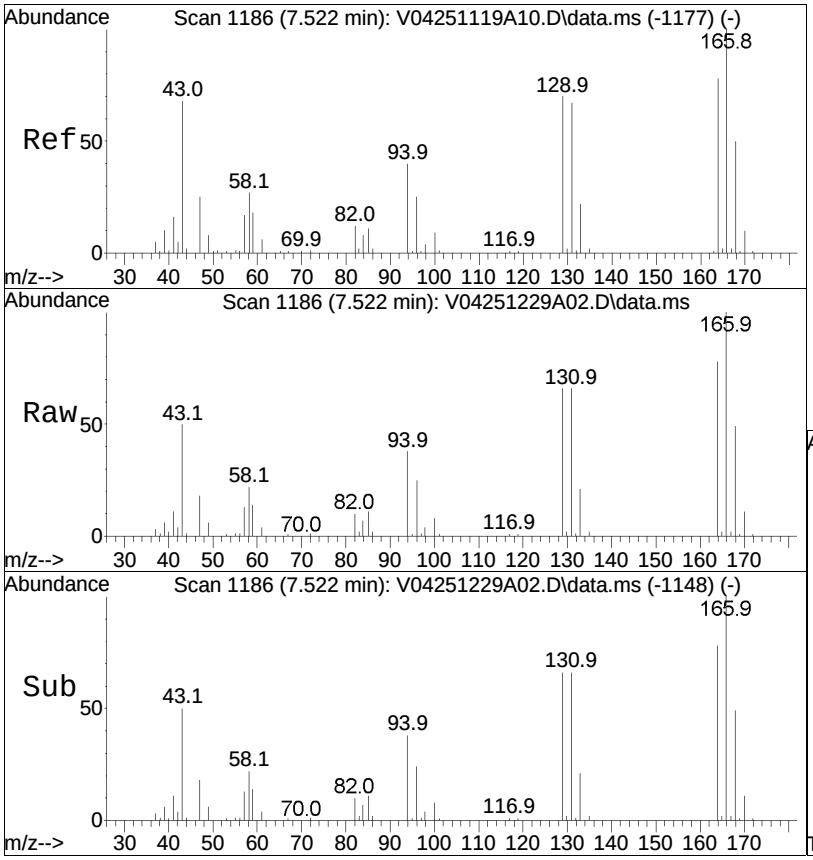


#61
Toluene
Concen: 43.81 ug/L
RT: 7.076 min Scan# 1101
Delta R.T. -0.005 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 92 Resp: 460240

Ion	Ratio	Lower	Upper
92	100		
91	171.3	135.8	203.6

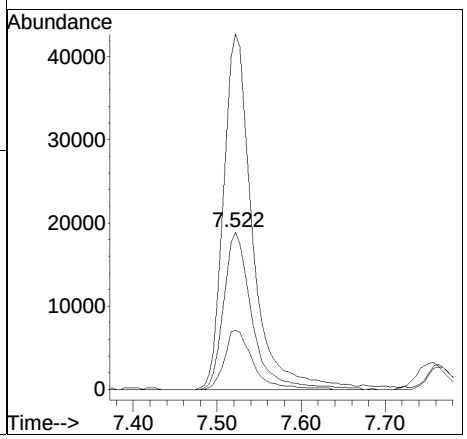


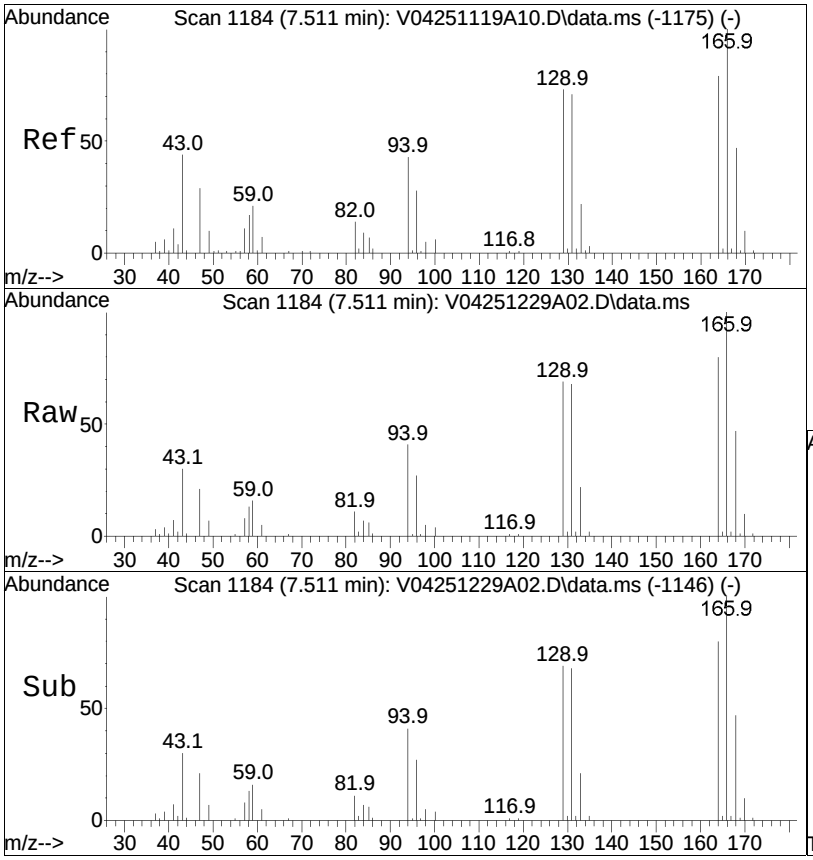


#62
4-Methyl-2-pentanone
Concen: 38.81 ug/L
RT: 7.522 min Scan# 1186
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 58 Resp: 44689

Ion	Ratio	Lower	Upper
58	100		
100	37.7	25.6	38.4
43	229.0	195.7	293.5

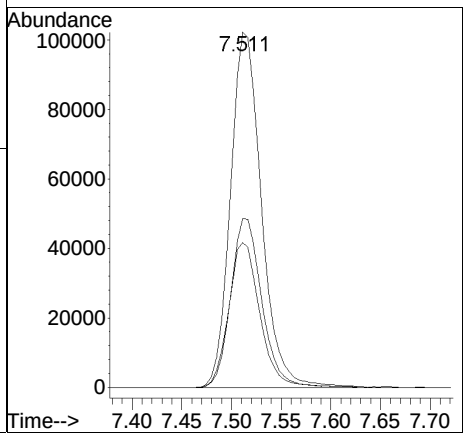


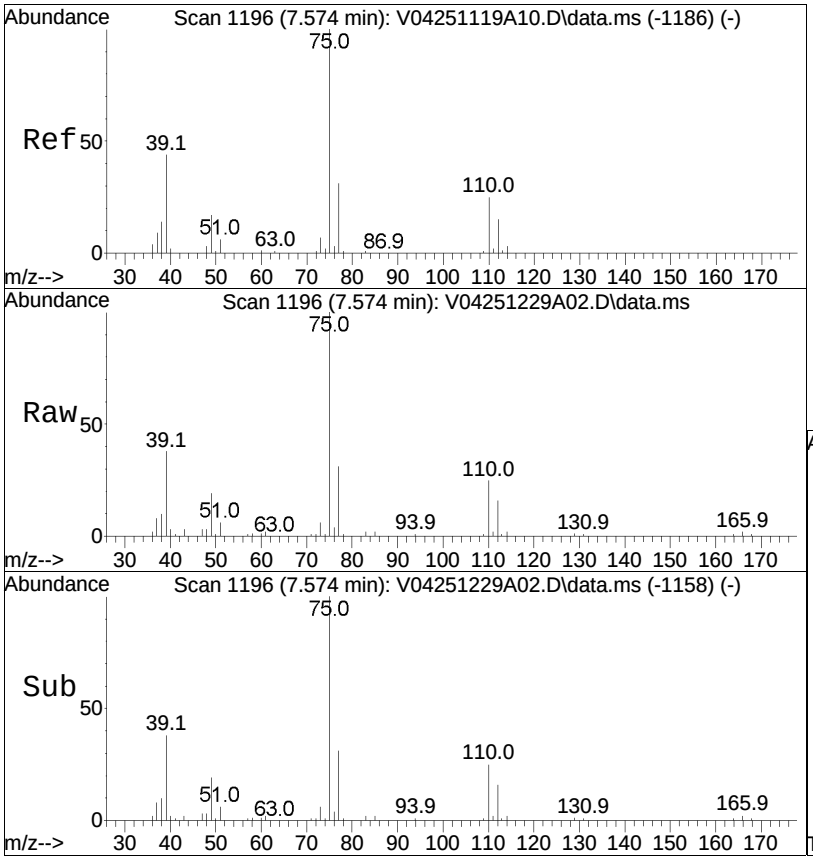


#63
Tetrachloroethene
Concen: 44.60 ug/L
RT: 7.511 min Scan# 1184
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:166 Resp: 222026

Ion	Ratio	Lower	Upper
166	100		
168	47.8	27.6	67.6
94	41.0	20.9	60.9

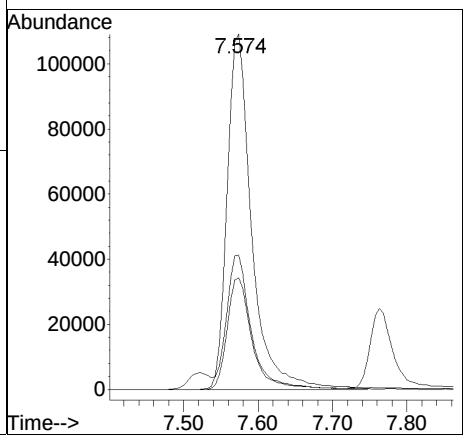


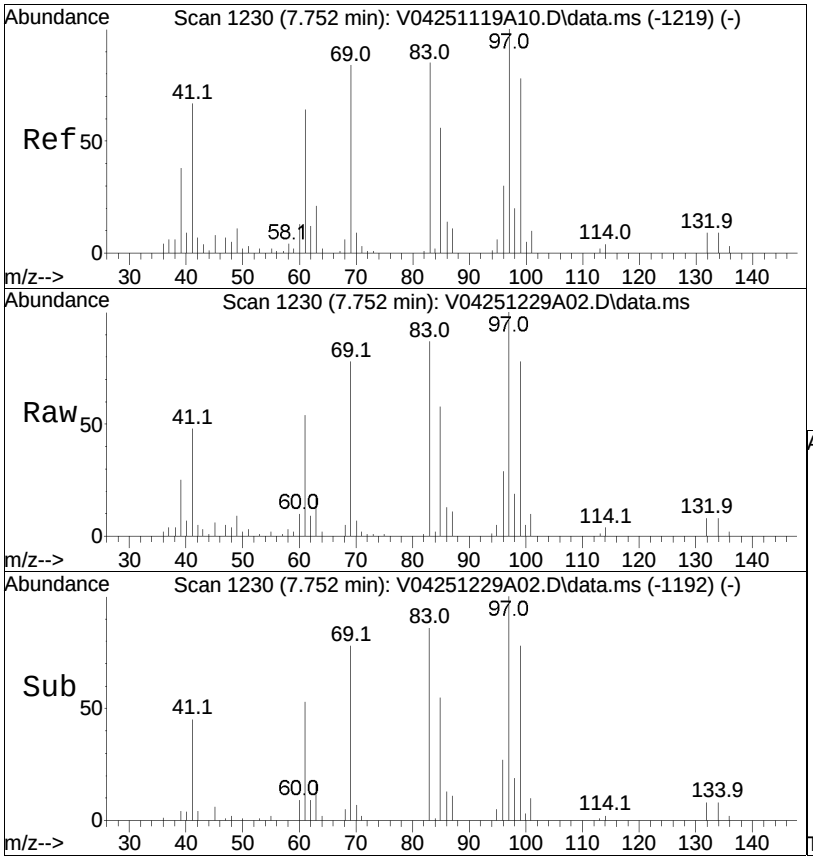


#65
trans-1,3-Dichloropropene
Concen: 44.06 ug/L
RT: 7.574 min Scan# 1196
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 75 Resp: 251170

Ion	Ratio	Lower	Upper
75	100		
77	31.7	12.0	52.0
39	37.2	29.3	69.3

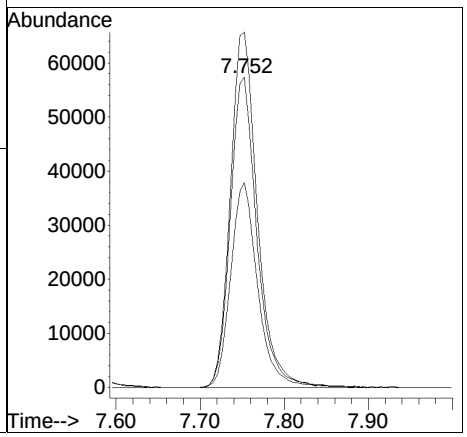


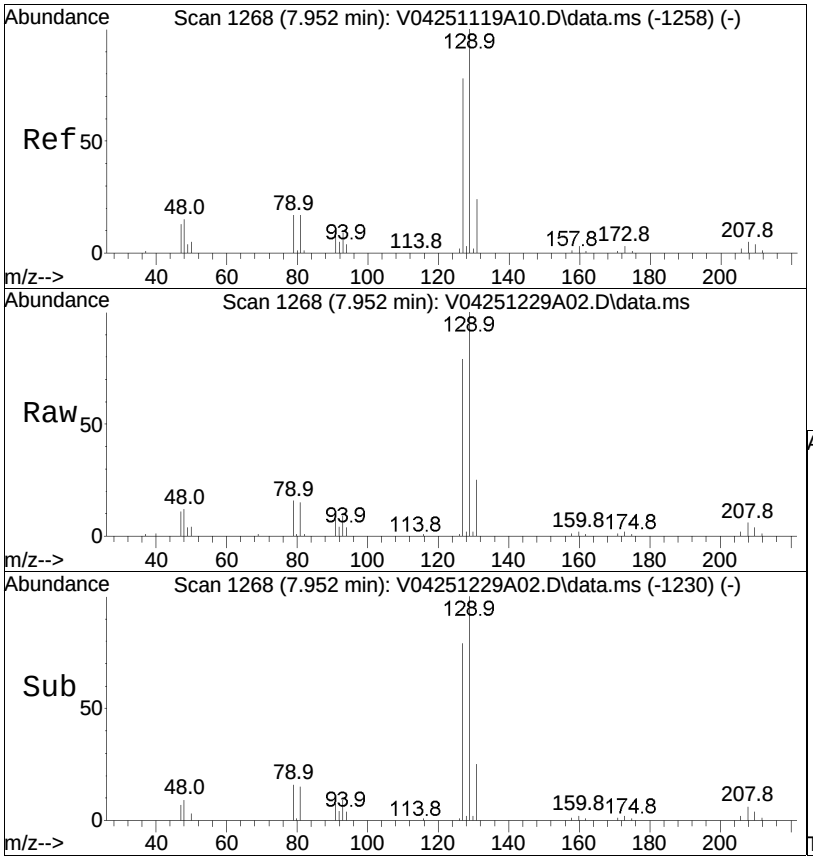


#68
1,1,2-Trichloroethane
Concen: 40.65 ug/L
RT: 7.752 min Scan# 1230
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 83 Resp: 126698

Ion	Ratio	Lower	Upper
83	100		
97	116.1	99.3	139.3
85	66.9	47.8	87.8

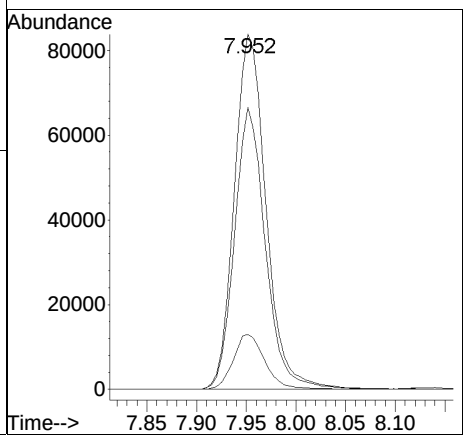


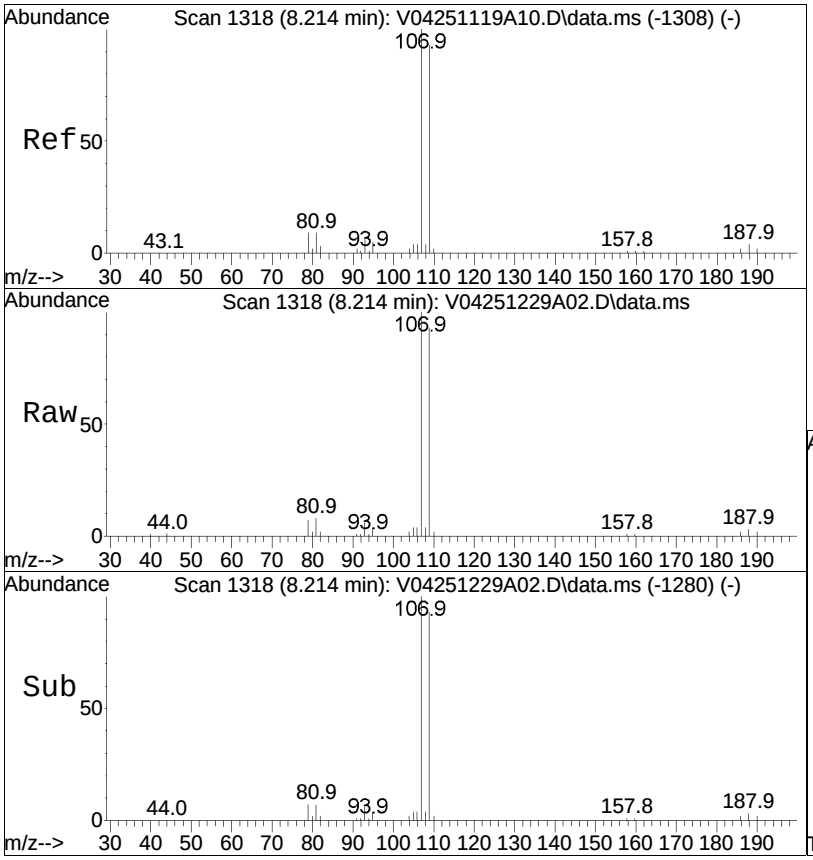


#69
Chlorodibromomethane
Concen: 38.75 ug/L
RT: 7.952 min Scan# 1268
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:129 Resp: 186712

Ion	Ratio	Lower	Upper
129	100		
81	15.5	0.0	34.6
127	77.3	56.9	96.9

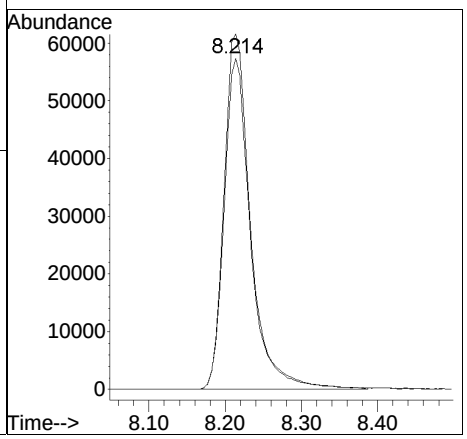


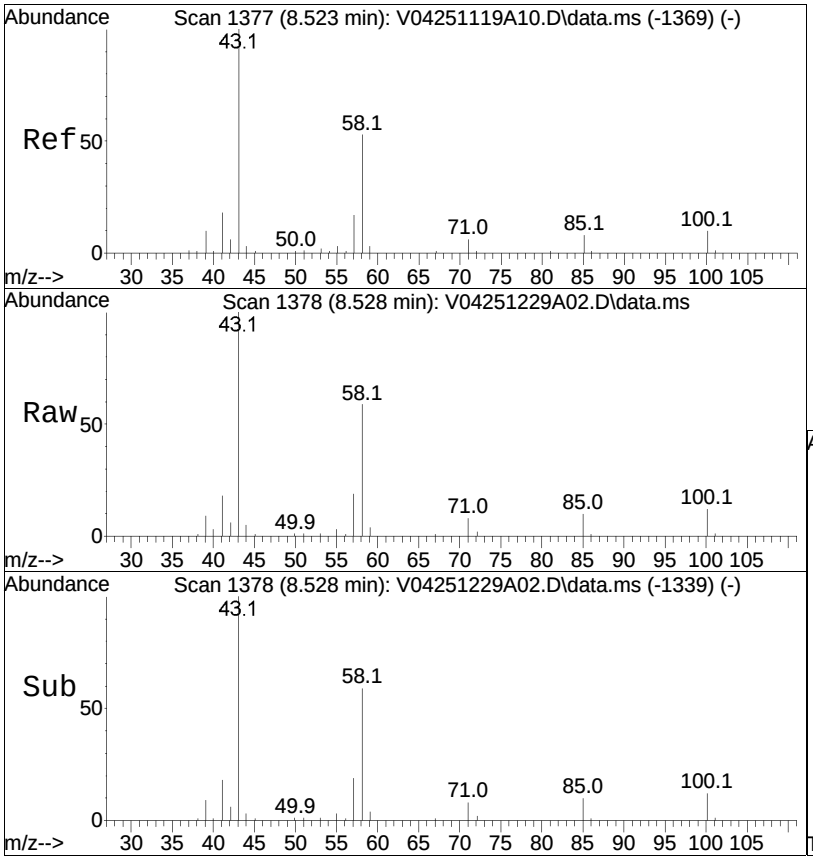


#71
1,2-Dibromoethane
Concen: 43.74 ug/L
RT: 8.214 min Scan# 1318
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:107 Resp: 150070

Ion	Ratio	Lower	Upper
107	100		
109	92.5	75.4	113.0

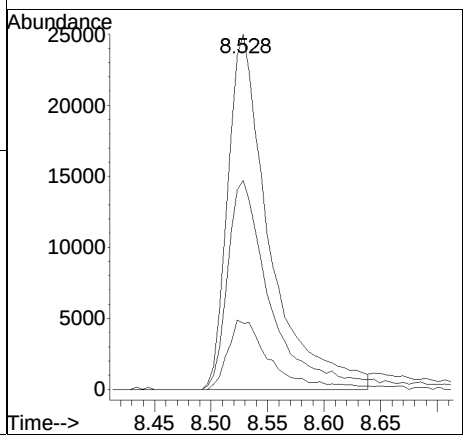


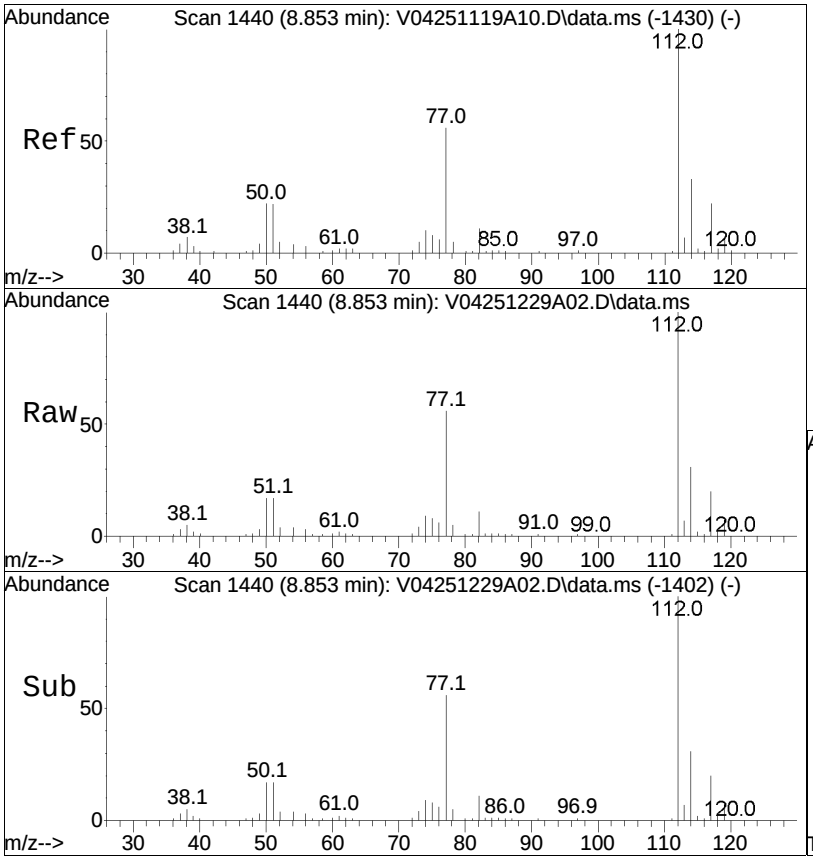


#72
2-Hexanone
Concen: 32.76 ug/L
RT: 8.528 min Scan# 1378
Delta R.T. 0.005 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 43 Resp: 64182

Ion	Ratio	Lower	Upper
43	100		
58	61.3	44.7	67.1
57	20.2	15.4	23.0

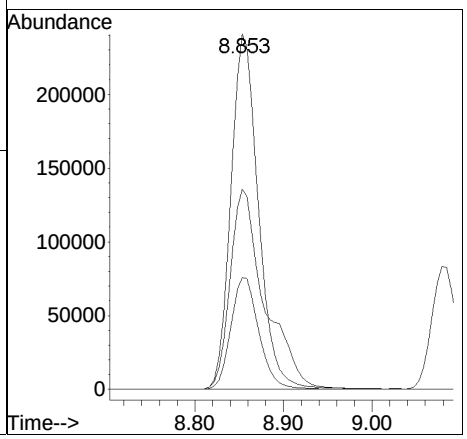


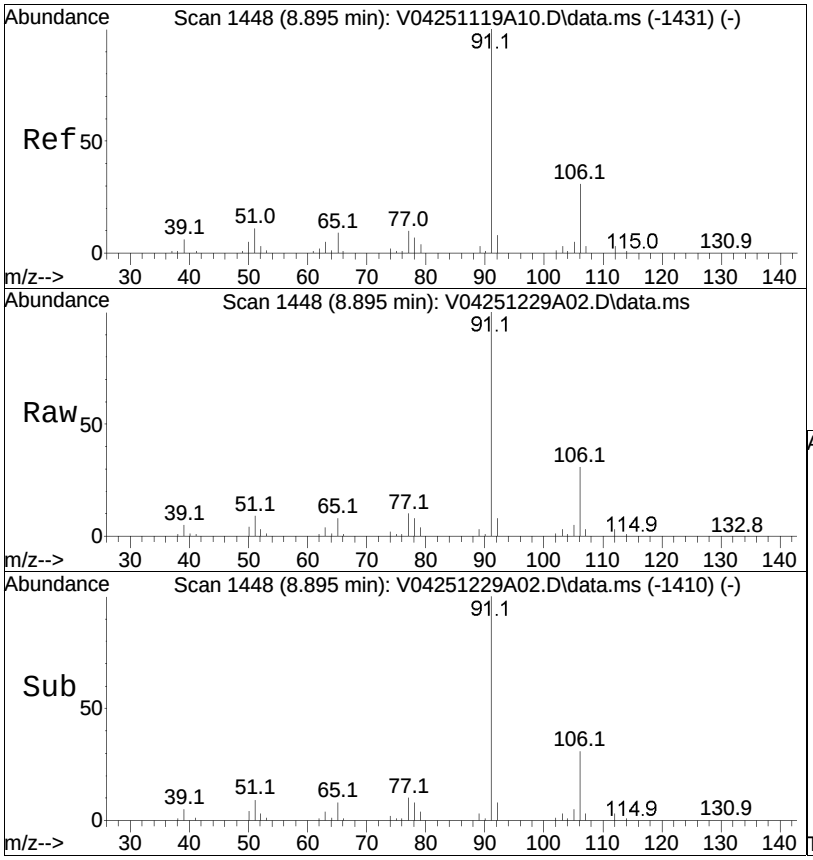


#73
Chlorobenzene
Concen: 44.08 ug/L
RT: 8.853 min Scan# 1440
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:112 Resp: 519813

Ion	Ratio	Lower	Upper
112	100		
77	71.1	55.3	82.9
114	32.2	25.5	38.3

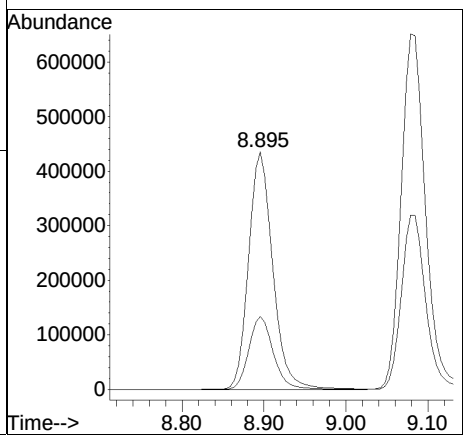


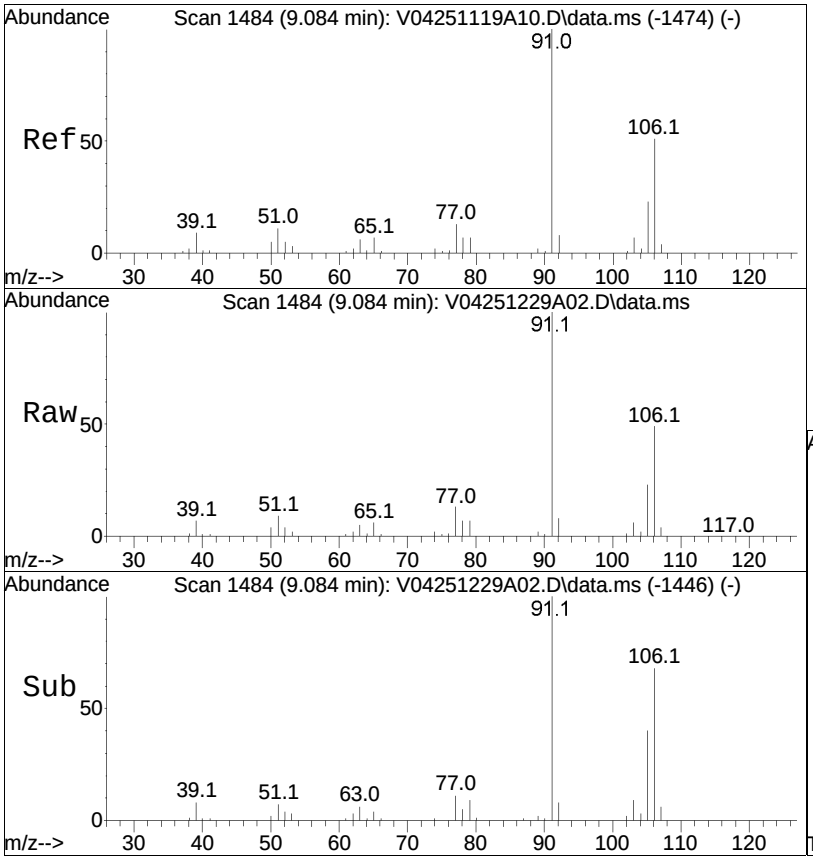


#74
Ethylbenzene
Concen: 47.48 ug/L
RT: 8.895 min Scan# 1448
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 91 Resp: 895327

Ion	Ratio	Lower	Upper
91	100		
106	31.0	25.4	38.2

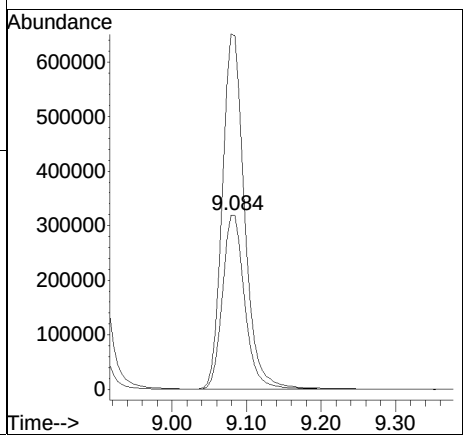


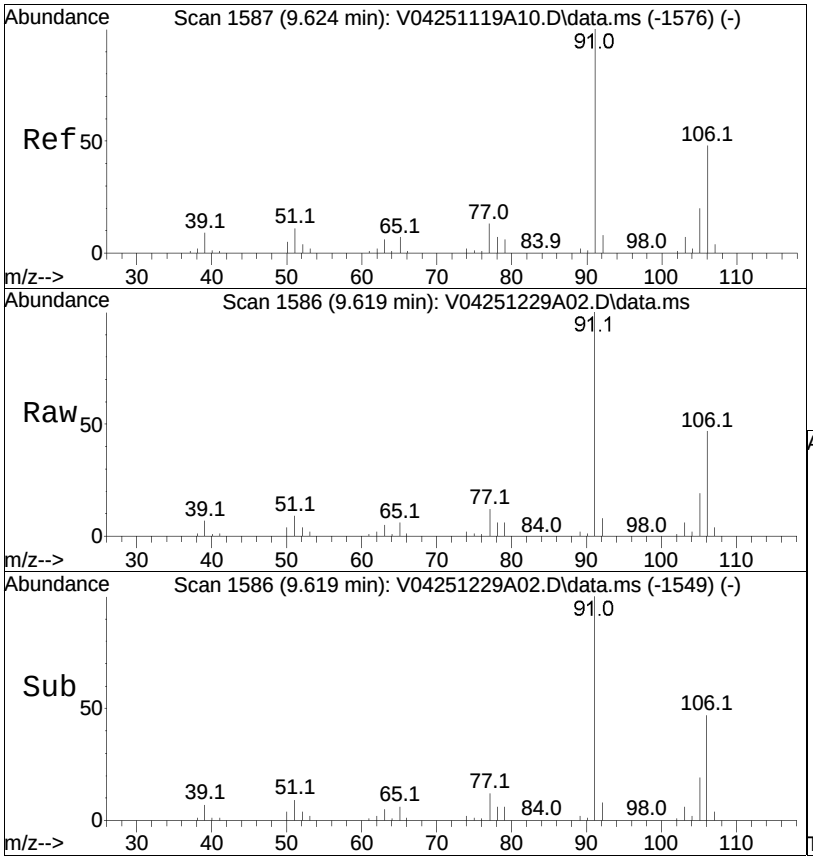


#76
p/m Xylene
Concen: 92.68 ug/L
RT: 9.084 min Scan# 1484
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:106 Resp: 663578

Ion	Ratio	Lower	Upper
106	100		
91	202.4	157.1	235.7

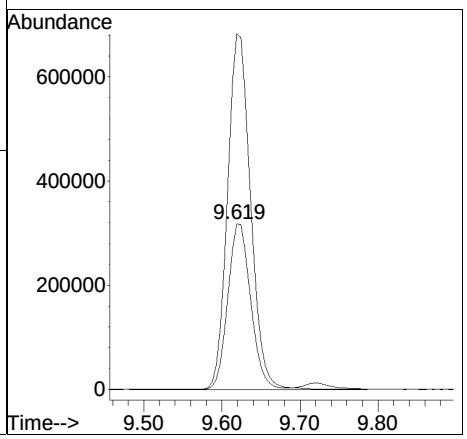


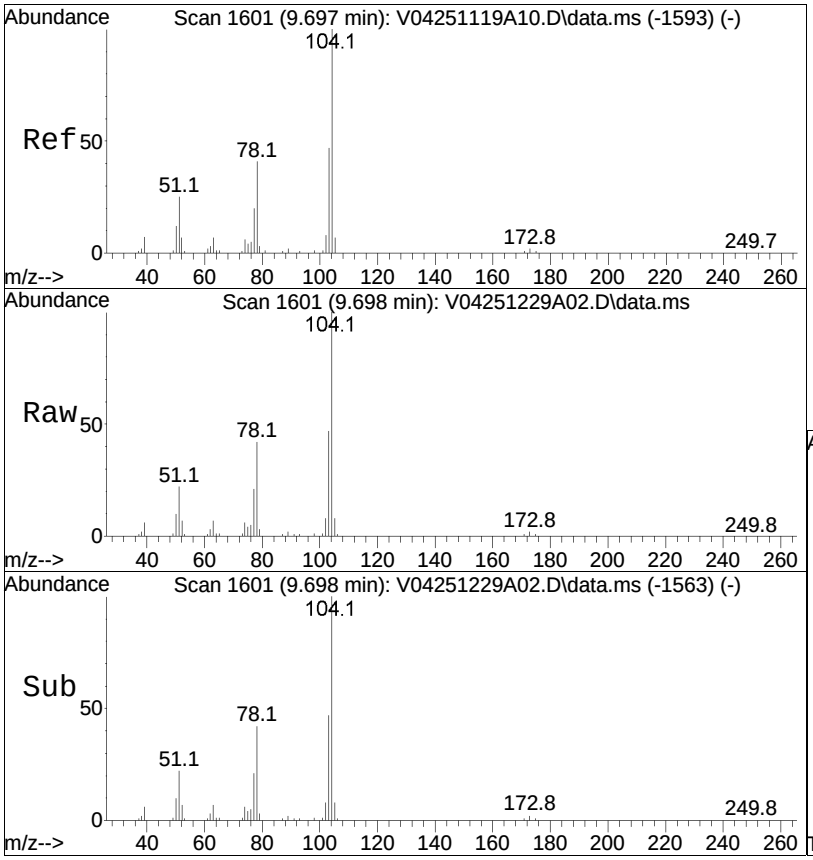


#77
o Xylene
Concen: 90.03 ug/L
RT: 9.619 min Scan# 1586
Delta R.T. -0.005 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:106 Resp: 653857

Ion	Ratio	Lower	Upper
106	100		
91	213.0	165.9	248.9

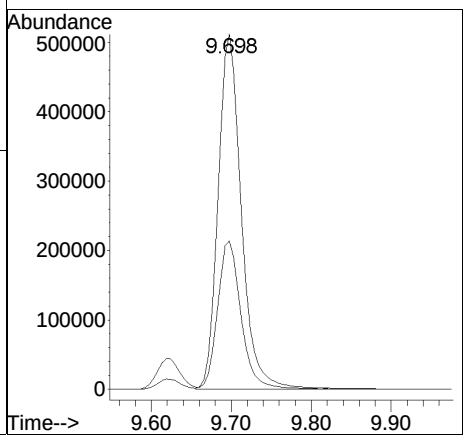


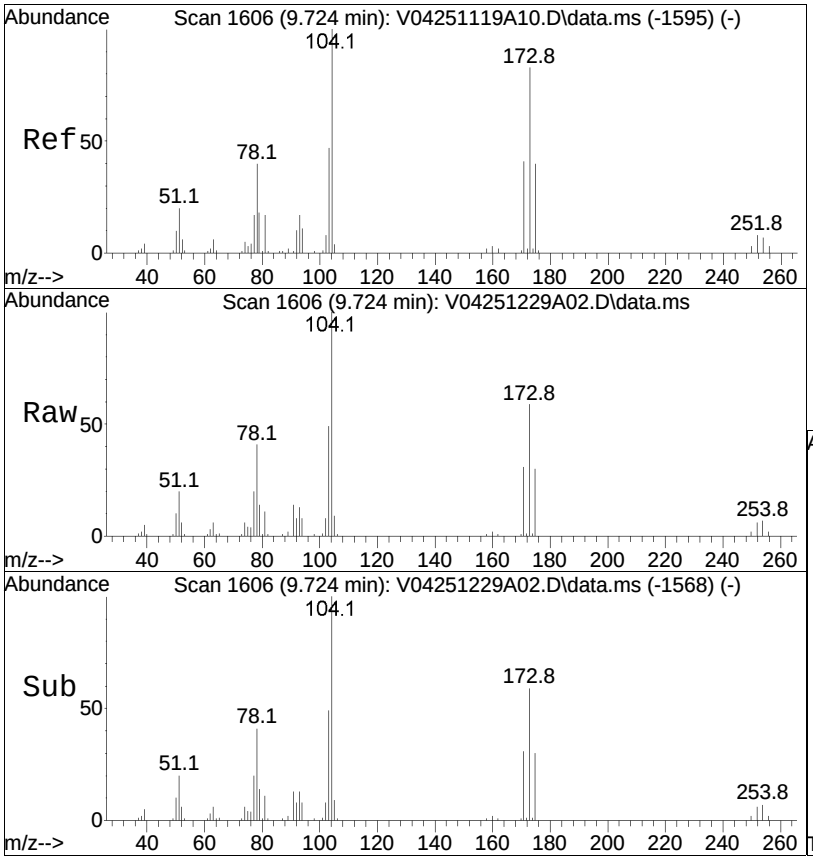


#78
Styrene
Concen: 87.71 ug/L
RT: 9.698 min Scan# 1601
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:104 Resp: 1030812

Ion	Ratio	Lower	Upper
104	100		
78	42.4	33.0	49.4

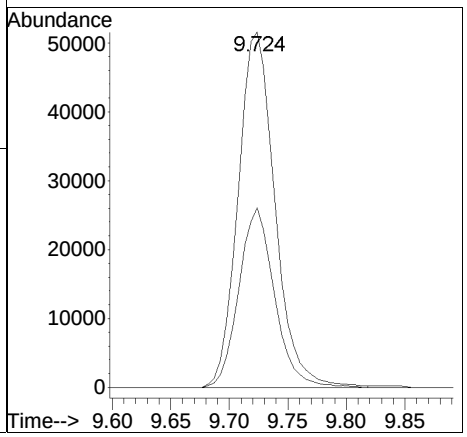


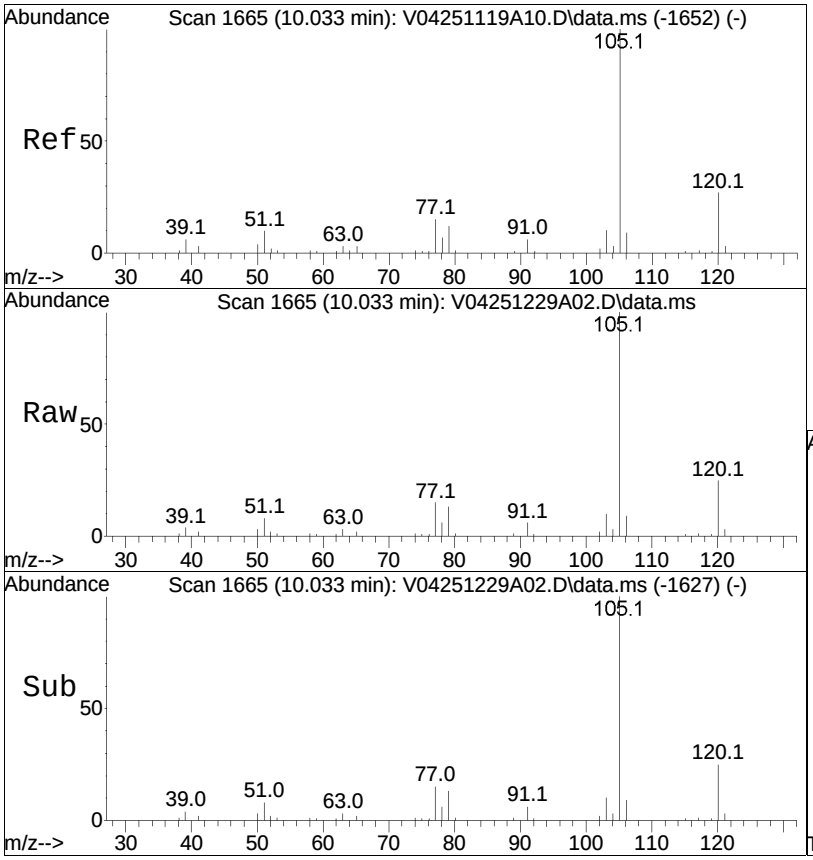


#80
Bromoform
Concen: 38.47 ug/L
RT: 9.724 min Scan# 1606
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:173 Resp: 112806

Ion	Ratio	Lower	Upper
173	100		
175	48.9	28.2	68.2

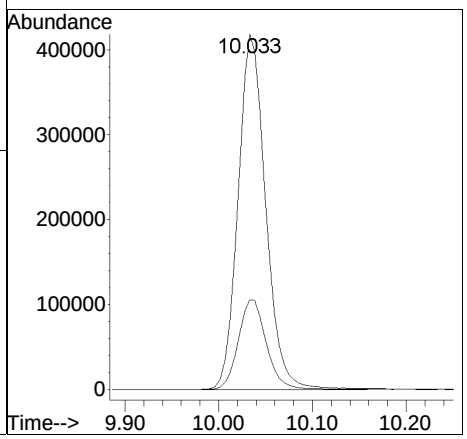


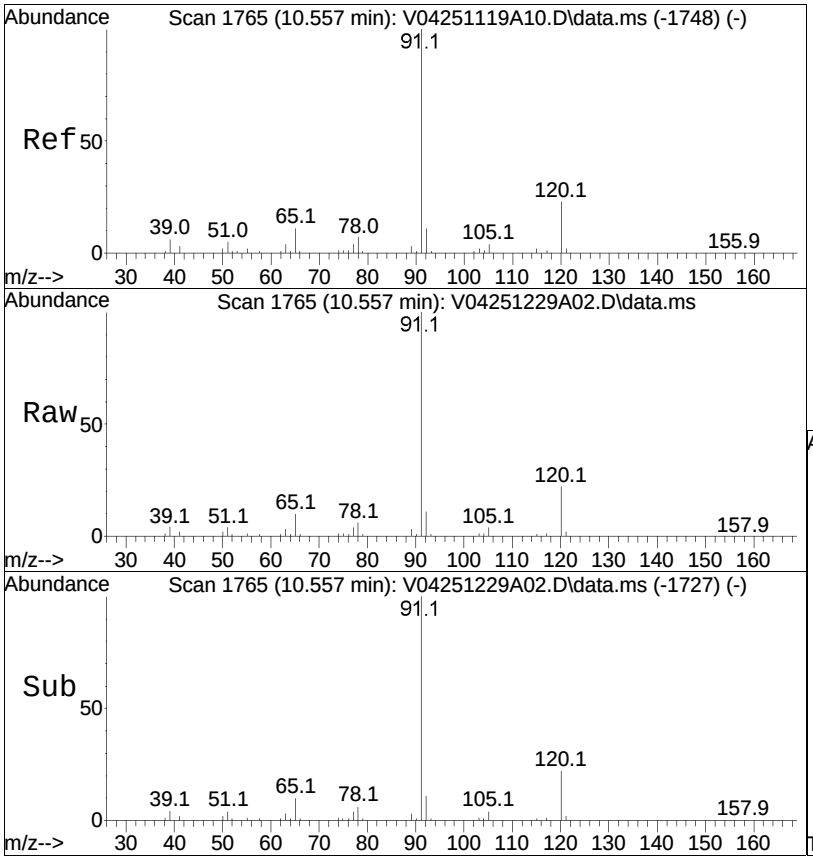


#82
Isopropylbenzene
Concen: 47.77 ug/L
RT: 10.033 min Scan# 1665
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:105 Resp: 854431

Ion	Ratio	Lower	Upper
105	100		
120	25.6	6.0	46.0

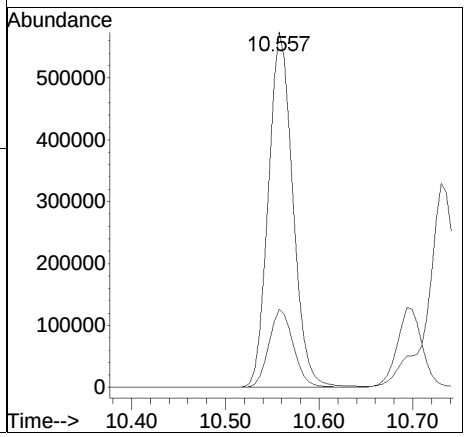


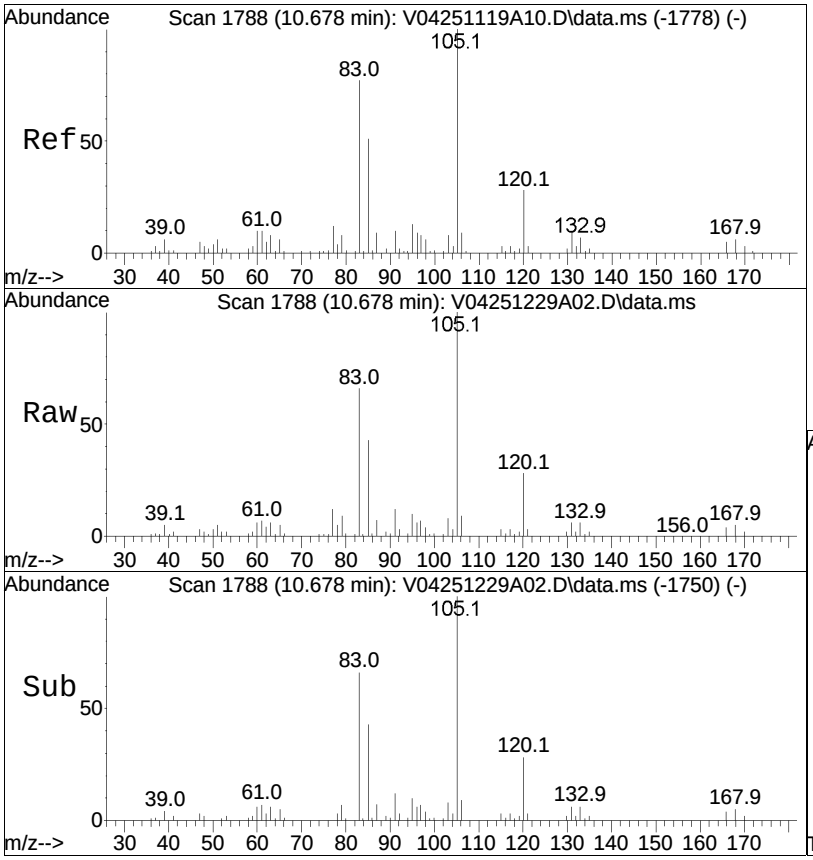


#85
n-Propylbenzene
Concen: 51.08 ug/L
RT: 10.557 min Scan# 1765
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 91 Resp: 1043447

Ion	Ratio	Lower	Upper
91	100		
120	22.0	18.9	28.3

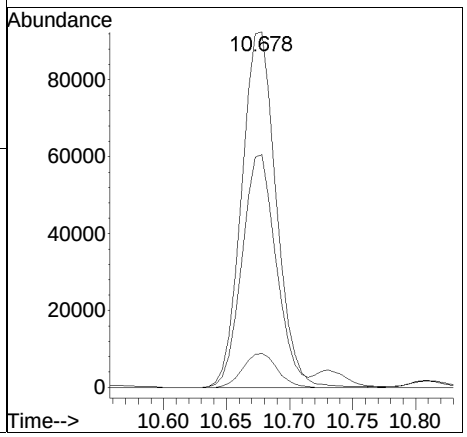


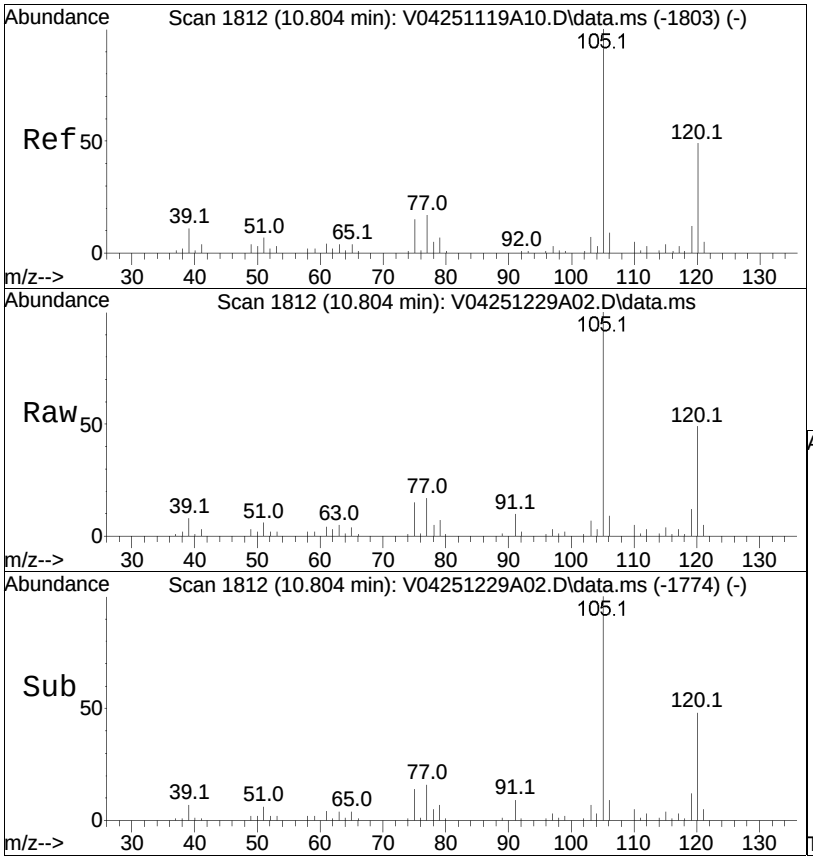


#87
1,1,2,2-Tetrachloroethane
Concen: 42.50 ug/L
RT: 10.678 min Scan# 1788
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 83 Resp: 176284

Ion	Ratio	Lower	Upper
83	100		
131	9.5	0.0	30.7
85	65.0	44.7	84.7

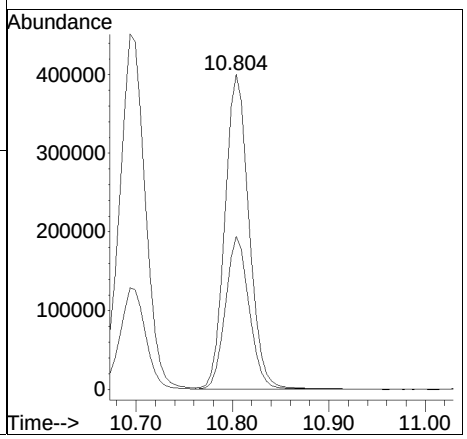


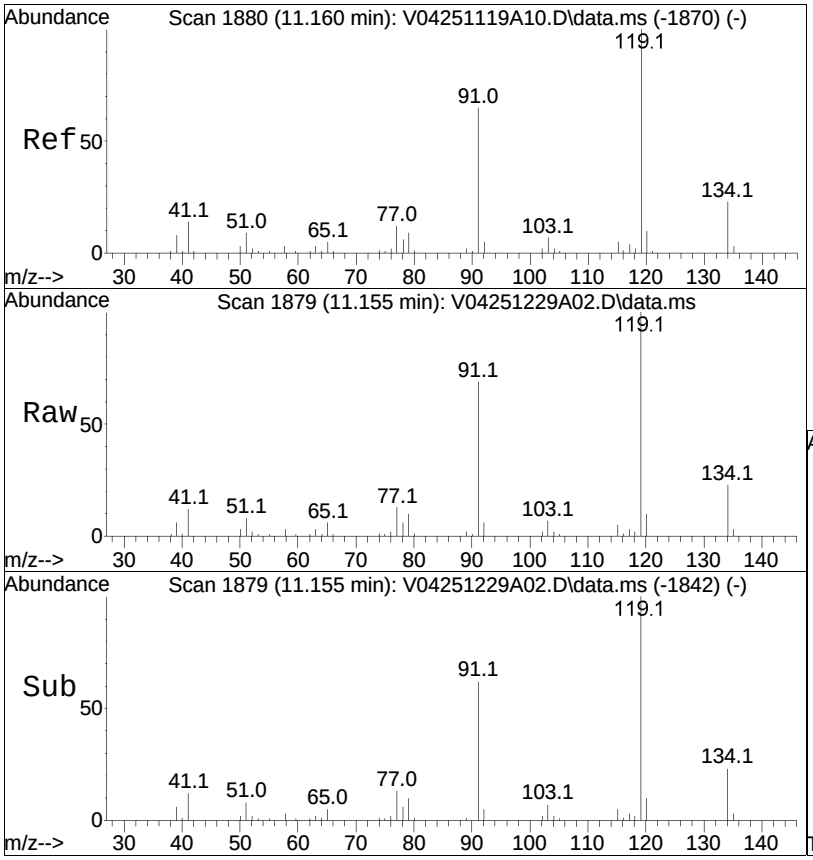


#90
1,3,5-Trimethylbenzene
Concen: 47.20 ug/L
RT: 10.804 min Scan# 1812
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:105 Resp: 694834

Ion	Ratio	Lower	Upper
105	100		
120	47.6	38.4	57.6

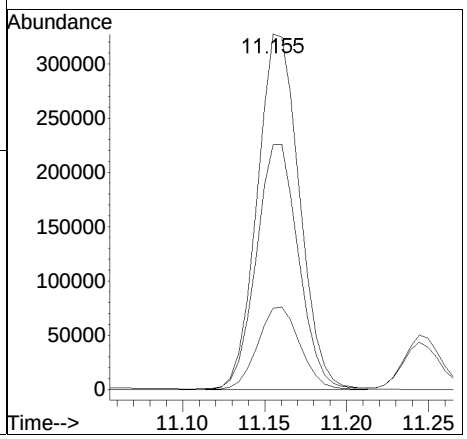


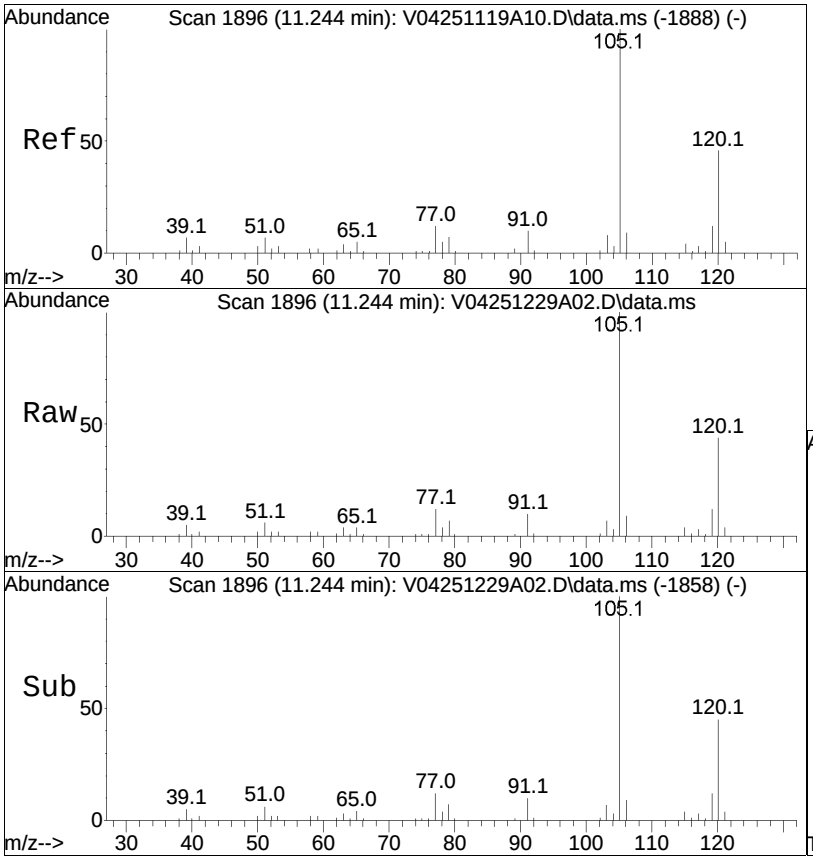


#94
tert-Butylbenzene
Concen: 45.74 ug/L
RT: 11.155 min Scan# 1879
Delta R.T. -0.005 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:119 Resp: 585206

Ion	Ratio	Lower	Upper
119	100		
91	68.6	53.0	79.6
134	23.2	19.6	29.4

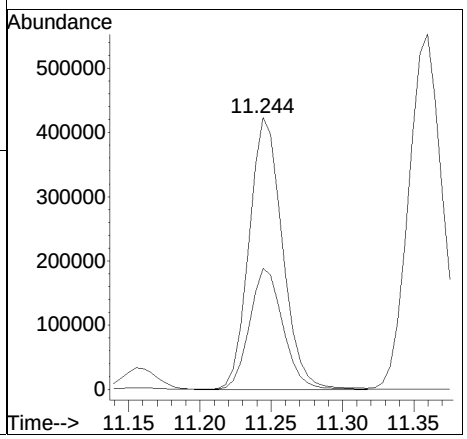


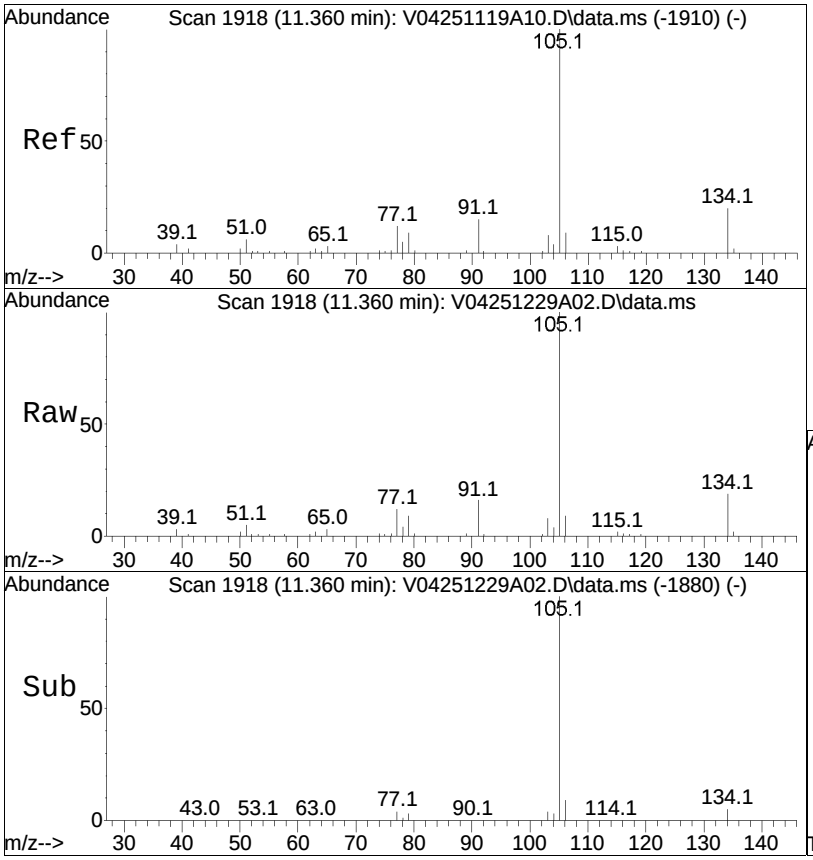


#97
1,2,4-Trimethylbenzene
Concen: 46.40 ug/L
RT: 11.244 min Scan# 1896
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:105 Resp: 688247

Ion	Ratio	Lower	Upper
105	100		
120	44.4	36.4	54.6

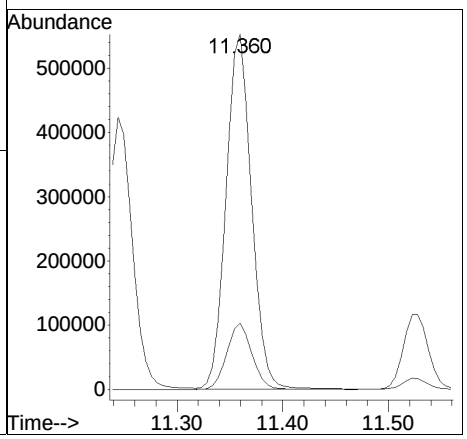


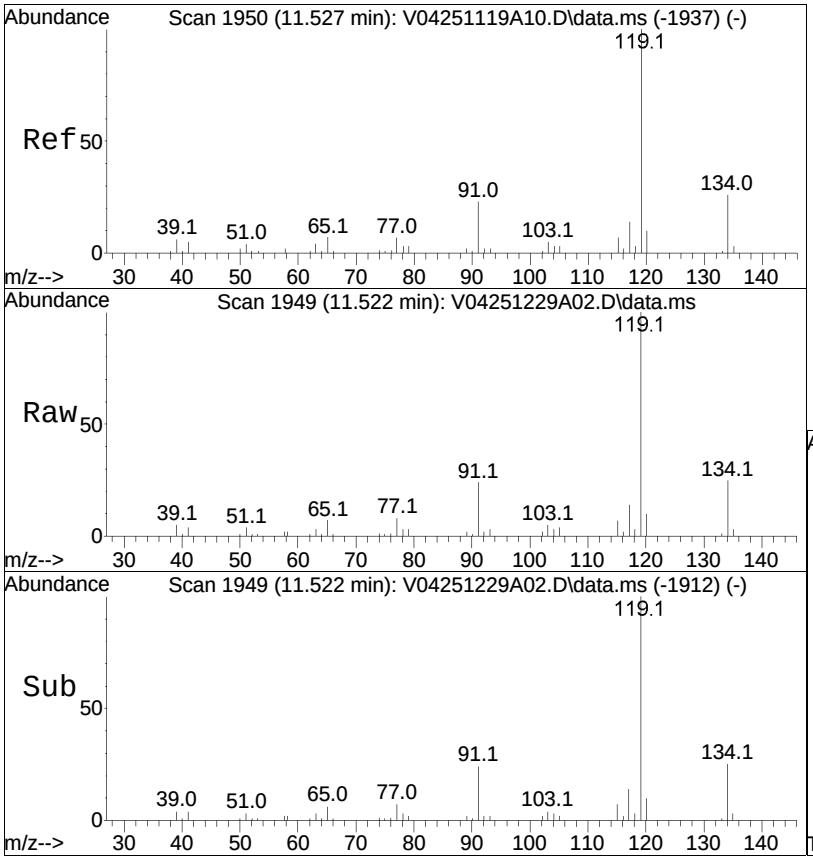


#98
sec-Butylbenzene
Concen: 49.12 ug/L
RT: 11.360 min Scan# 1918
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:105 Resp: 920908

Ion	Ratio	Lower	Upper
105	100		
134	18.5	12.9	26.9

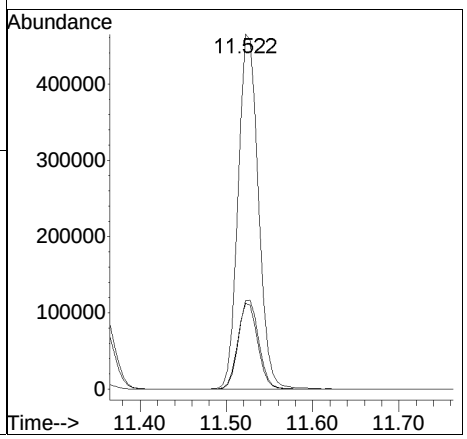


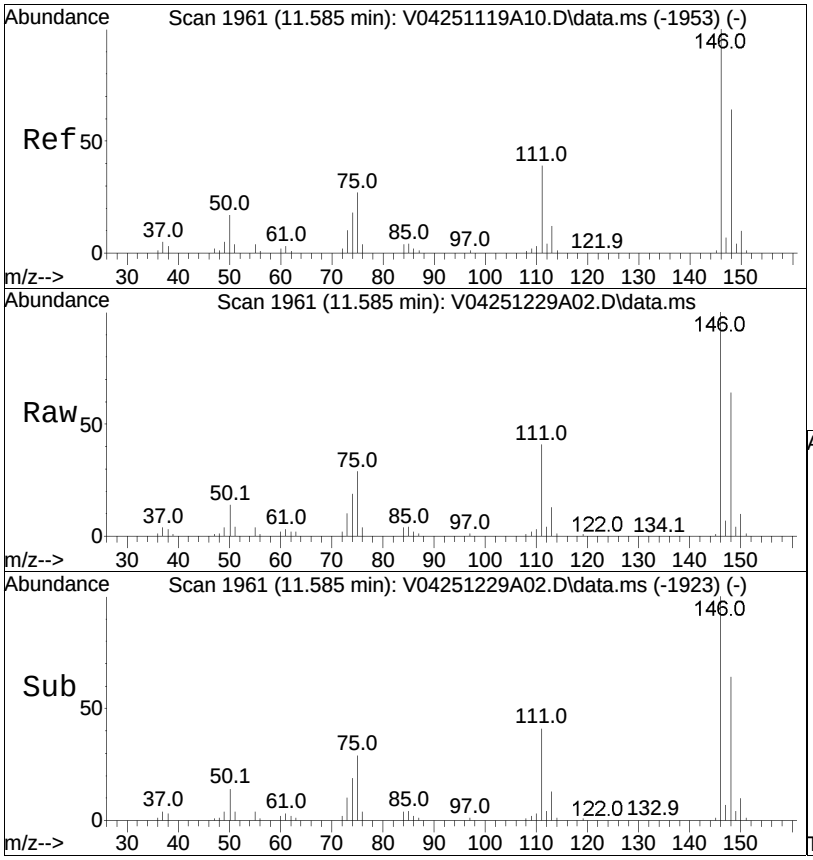


#99
p-Isopropyltoluene
Concen: 47.20 ug/L
RT: 11.522 min Scan# 1949
Delta R.T. -0.005 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:119 Resp: 765220

Ion	Ratio	Lower	Upper
119	100		
134	25.4	17.1	35.5
91	23.8	14.8	30.6

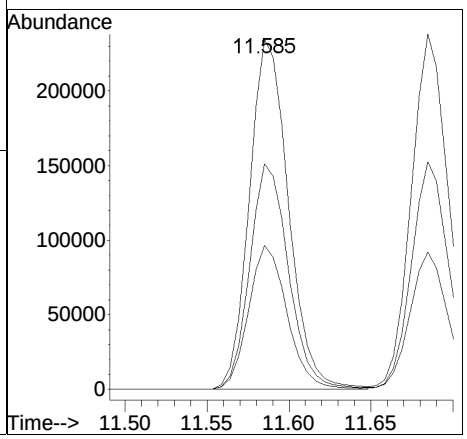


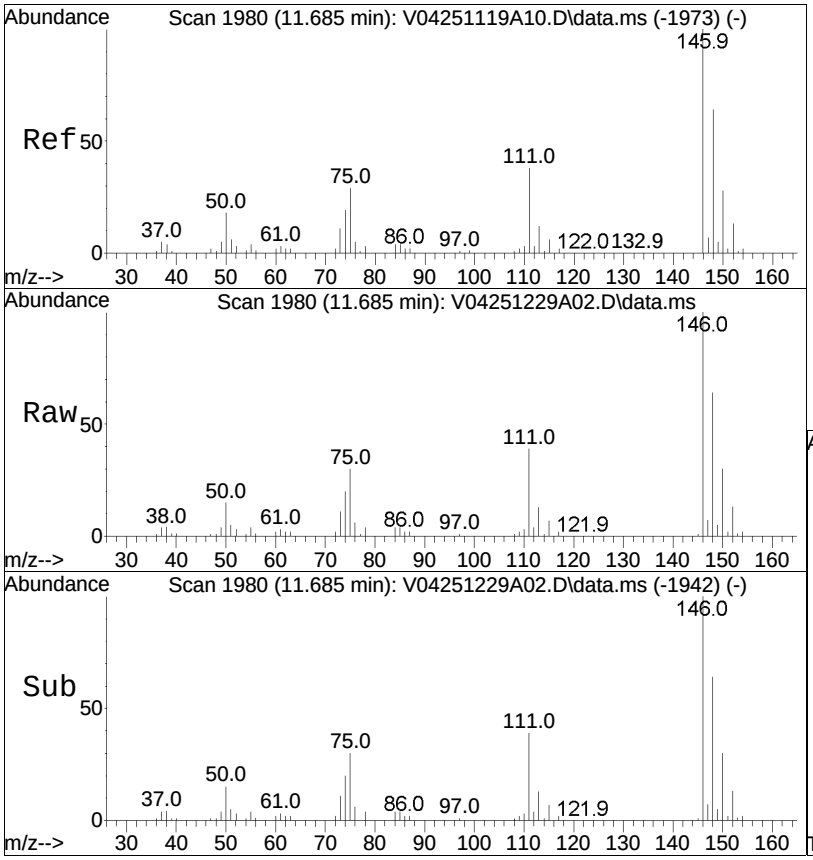


#100
1,3-Dichlorobenzene
Concen: 44.22 ug/L
RT: 11.585 min Scan# 1961
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:146 Resp: 388990

Ion	Ratio	Lower	Upper
146	100		
111	40.5	24.8	51.6
148	64.1	41.6	86.4

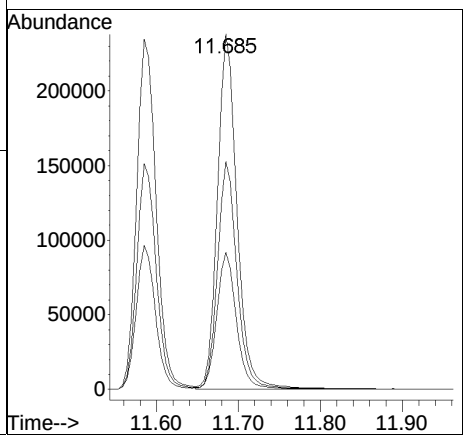


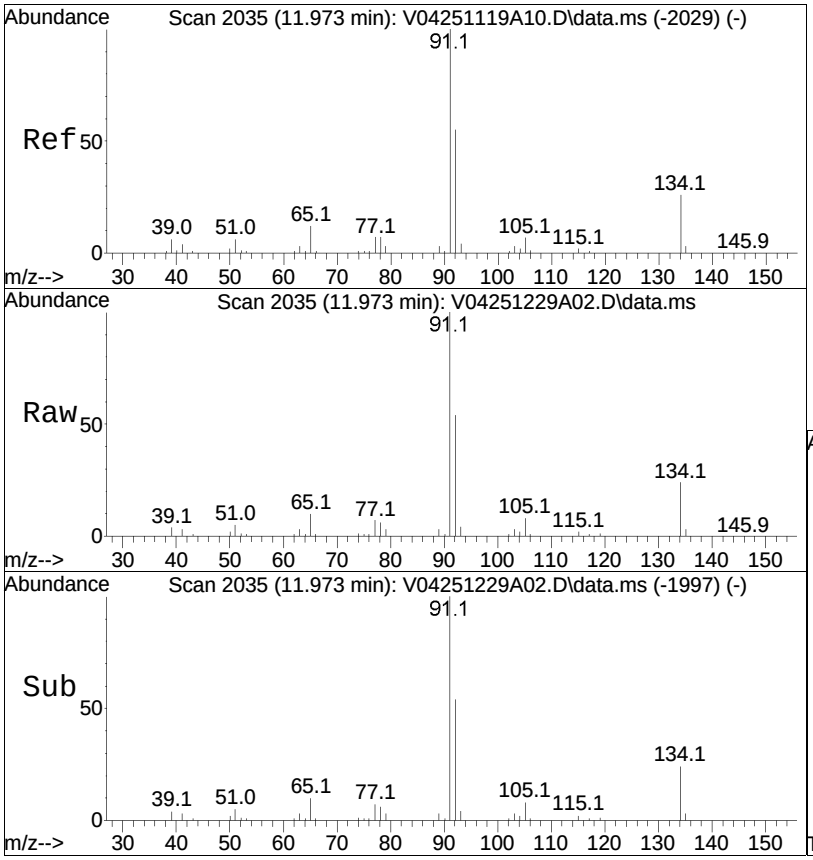


#101
1,4-Dichlorobenzene
Concen: 43.16 ug/L
RT: 11.685 min Scan# 1980
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:146 Resp: 394736

Ion	Ratio	Lower	Upper
146	100		
111	38.9	30.2	45.2
148	63.8	50.6	76.0

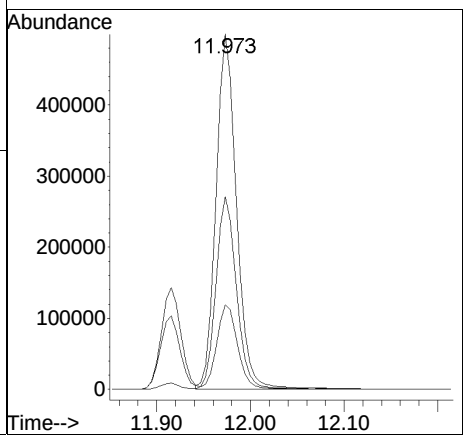


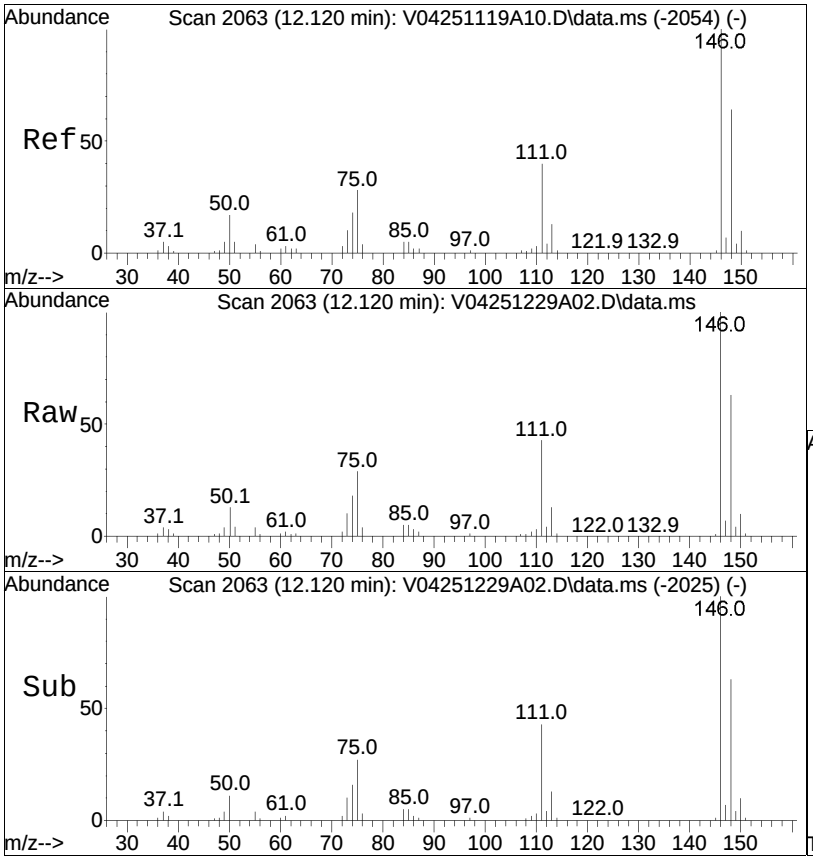


#103
n-Butylbenzene
Concen: 52.54 ug/L
RT: 11.973 min Scan# 2035
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 91 Resp: 759738

Ion	Ratio	Lower	Upper
91	100		
92	54.3	43.4	65.2
134	24.0	21.5	32.3

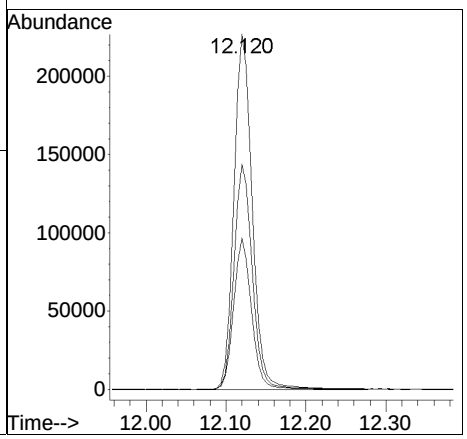


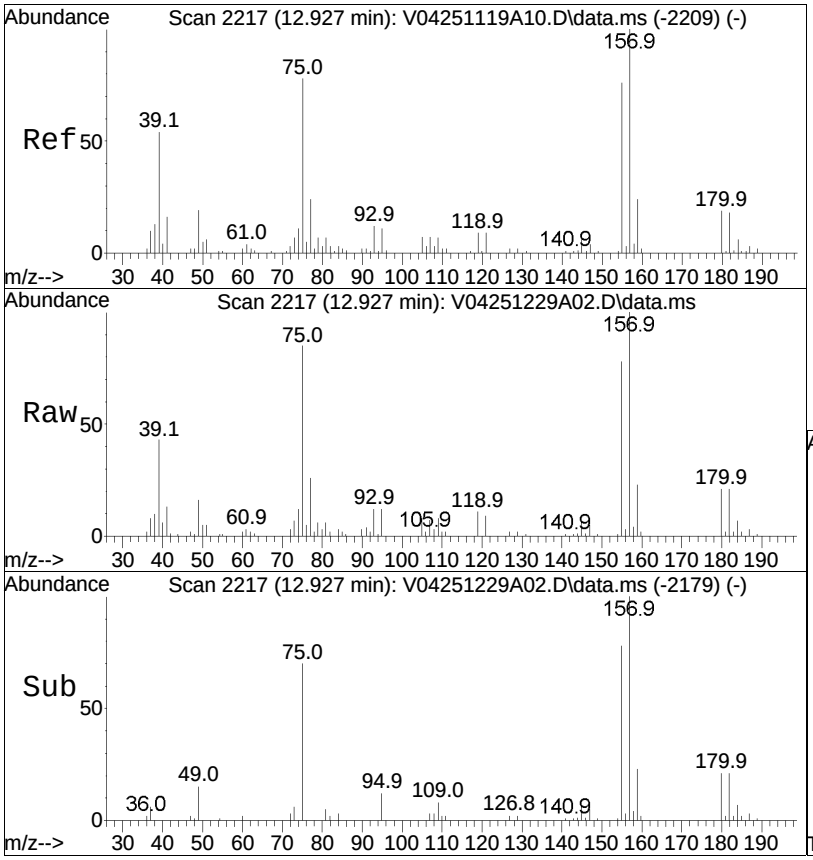


#104
1,2-Dichlorobenzene
Concen: 42.90 ug/L
RT: 12.120 min Scan# 2063
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:146 Resp: 362451

Ion	Ratio	Lower	Upper
146	100		
111	41.6	25.5	52.9
148	63.4	40.8	84.8

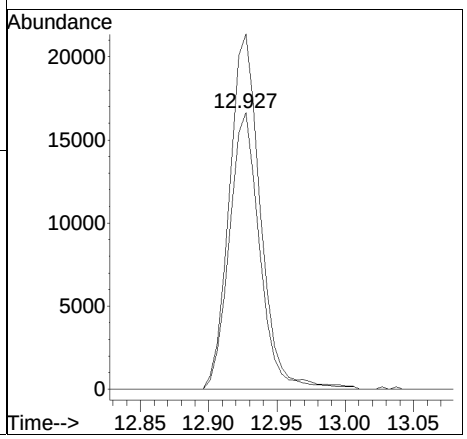


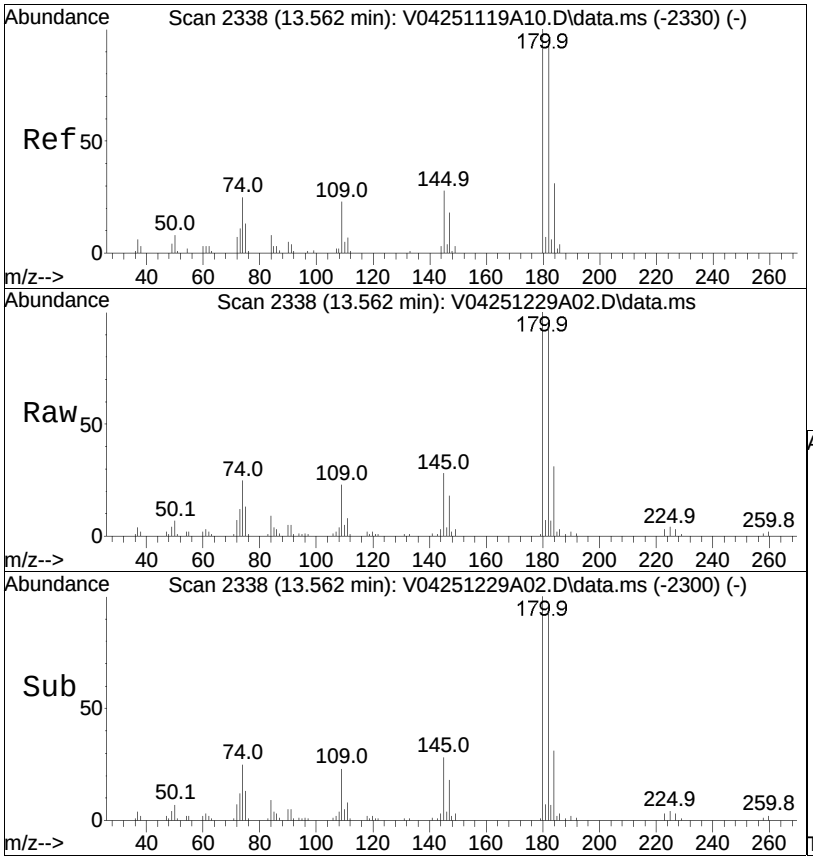


#106
1,2-Dibromo-3-chloropropane
Concen: 38.19 ug/L
RT: 12.927 min Scan# 2217
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:155 Resp: 25875

Ion	Ratio	Lower	Upper
155	100		
157	131.1	103.2	154.8

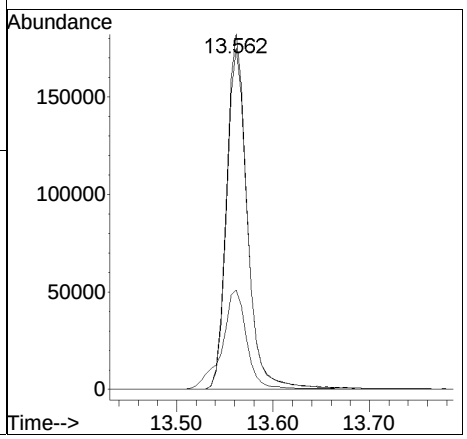


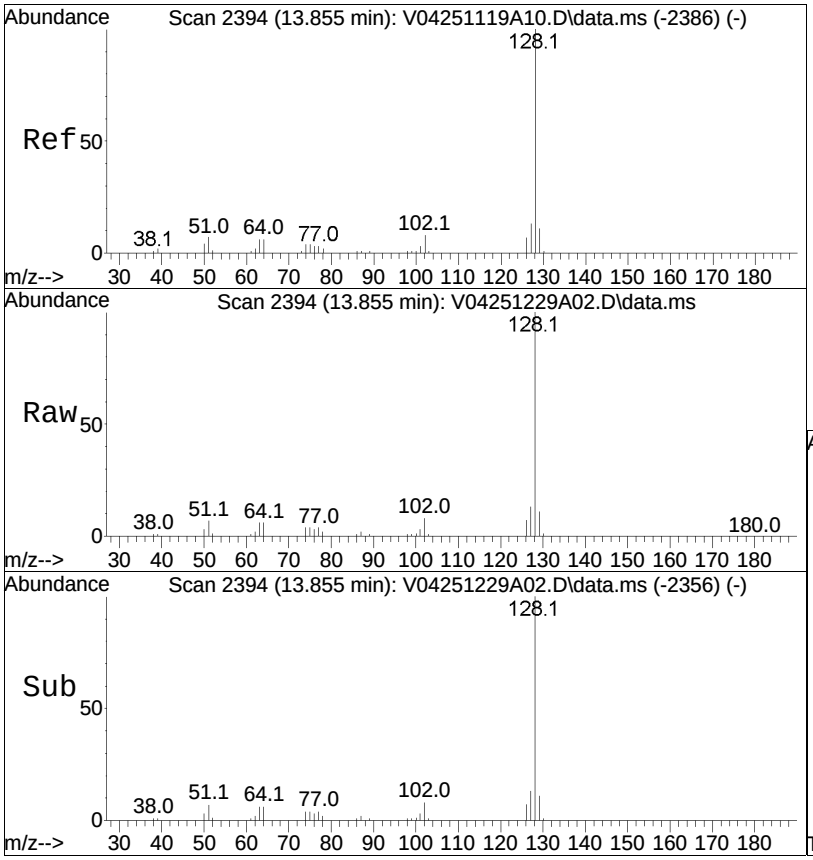


#109
1,2,4-Trichlorobenzene
Concen: 49.28 ug/L
RT: 13.562 min Scan# 2338
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:180 Resp: 274497

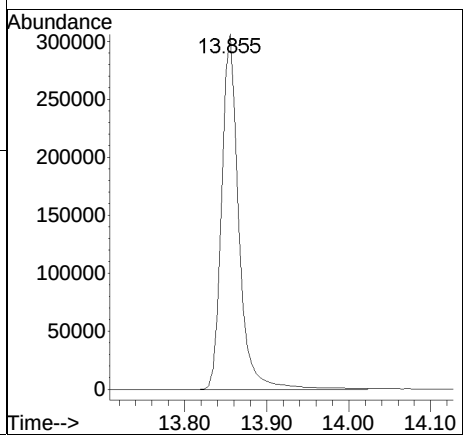
Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.0	115.4
145	33.6	28.4	42.6





#110
Naphthalene
Concen: 44.42 ug/L
RT: 13.855 min Scan# 2394
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:128 Resp: 447121



Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A02.D
Acq On : 29 Dec 2025 5:44 am
Operator : VOA104:MJV
Sample : WG2159734-4,31,5,5
Misc : WG2159734,ICAL22828
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 29 06:12:21 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251229A\V04251229A01.D
Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.383	96	340651	20.000	ug/L	0.00
Standard Area 1 = 369388			Recovery = 92.22%			
59) Chlorobenzene-d5	8.838	117	246160	20.000	ug/L	0.00
Standard Area 1 = 254827			Recovery = 96.60%			
79) 1,4-Dichlorobenzene-d4	11.669	152	124182	20.000	ug/L	0.00
Standard Area 1 = 126132			Recovery = 98.45%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.612	113	87665	17.942	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 89.71%			
43) 1,2-Dichloroethane-d4	5.110	65	72118	16.624	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 83.12%			
60) Toluene-d8	7.024	98	334985	21.171	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.85%			
83) 4-Bromofluorobenzene	10.395	95	116536	21.783	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 108.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.408	85	181374	29.209	ug/L	98
3) Chloromethane	1.576	50	204116	31.941	ug/L	99
4) Vinyl chloride	1.629	62	219261	35.016	ug/L	99
5) Bromomethane	1.885	94	162929	46.325	ug/L	96
6) Chloroethane	1.985	64	130102	35.859	ug/L	97
7) Trichlorofluoromethane	2.100	101	294493	39.734	ug/L	99
10) 1,1-Dichloroethene	2.530	96	188470	44.326	ug/L	81
11) Carbon disulfide	2.551	76	659570	42.279	ug/L	99
12) Freon-113	2.557	101	191732	45.512	ug/L #	72
15) Methylene chloride	3.028	84	207650	38.786	ug/L	83
17) Acetone	3.070	43	42067	24.509	ug/L	91
18) trans-1,2-Dichloroethene	3.165	96	205685	43.180	ug/L	87
19) Methyl acetate	3.175	43	60444	33.896	ug/L #	84
20) Methyl tert-butyl ether	3.243	73	475479	40.257	ug/L	89
23) 1,1-Dichloroethane	3.700	63	347633	38.952	ug/L	97
28) cis-1,2-Dichloroethene	4.187	96	219352	40.755	ug/L	85
31) Cyclohexane	4.355	56	291373	40.156	ug/L	80
32) Chloroform	4.444	83	344526	40.717	ug/L	96
34) Carbon tetrachloride	4.554	117	267930	39.145	ug/L	100
37) 1,1,1-Trichloroethane	4.617	97	296771	41.719	ug/L	95

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A02.D
Acq On : 29 Dec 2025 5:44 am
Operator : VOA104:MJV
Sample : WG2159734-4,31,5,5
Misc : WG2159734,ICAL22828
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 29 06:12:21 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251229A\V04251229A01.D
Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) 2-Butanone	4.727	43	38971	31.379	ug/L	#	57
41) Benzene	4.968	78	729003	43.574	ug/L		94
44) 1,2-Dichloroethane	5.173	62	200053	33.769	ug/L		96
47) Methyl cyclohexane	5.524	83	327681	46.757	ug/L	#	78
48) Trichloroethene	5.550	95	205831	46.238	ug/L		96
51) 1,2-Dichloropropane	6.075	63	187279	38.624	ug/L		98
54) Bromodichloromethane	6.158	83	263218	39.800	ug/L		99
58) cis-1,3-Dichloropropene	6.830	75	311083	43.586	ug/L	#	90
61) Toluene	7.076	92	460240	43.809	ug/L		99
62) 4-Methyl-2-pentanone	7.522	58	44689	38.813	ug/L		91
63) Tetrachloroethene	7.511	166	222026	44.596	ug/L		100
65) trans-1,3-Dichloropropene	7.574	75	251170	44.059	ug/L		89
68) 1,1,2-Trichloroethane	7.752	83	126698	40.655	ug/L		98
69) Chlorodibromomethane	7.952	129	186712	38.752	ug/L		99
71) 1,2-Dibromoethane	8.214	107	150070	43.742	ug/L		98
72) 2-Hexanone	8.528	43	64182	32.755	ug/L		94
73) Chlorobenzene	8.853	112	519813	44.078	ug/L		98
74) Ethylbenzene	8.895	91	895327	47.476	ug/L		98
76) p/m Xylene	9.084	106	663578	92.679	ug/L		96
77) o Xylene	9.619	106	653857	90.032	ug/L		96
78) Styrene	9.698	104	1030812	87.709	ug/L		98
80) Bromoform	9.724	173	112806	38.468	ug/L		99
82) Isopropylbenzene	10.033	105	854431	47.771	ug/L		99
85) n-Propylbenzene	10.557	91	1043447	51.083	ug/L		97
87) 1,1,2,2-Tetrachloroethane	10.678	83	176284	42.499	ug/L		99
90) 1,3,5-Trimethylbenzene	10.804	105	694834	47.200	ug/L		99
94) tert-Butylbenzene	11.155	119	585206	45.738	ug/L		97
97) 1,2,4-Trimethylbenzene	11.244	105	688247	46.399	ug/L		98
98) sec-Butylbenzene	11.360	105	920908	49.118	ug/L		97
99) p-Isopropyltoluene	11.522	119	765220	47.204	ug/L		98
100) 1,3-Dichlorobenzene	11.585	146	388990	44.219	ug/L		98
101) 1,4-Dichlorobenzene	11.685	146	394736	43.157	ug/L		99
103) n-Butylbenzene	11.973	91	759738	52.539	ug/L		98
104) 1,2-Dichlorobenzene	12.120	146	362451	42.896	ug/L		98
106) 1,2-Dibromo-3-chloropr...	12.927	155	25875	38.193	ug/L		98
109) 1,2,4-Trichlorobenzene	13.562	180	274497	49.279	ug/L		99
110) Naphthalene	13.855	128	447121	44.421	ug/L		100

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

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A02.D
Acq On : 29 Dec 2025 5:44 am
Operator : VOA104:MJV
Sample : WG2159734-4,31,5,5
Misc : WG2159734,ICAL22828
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 29 06:12:21 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251229A\V04251229A01.D
Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODO

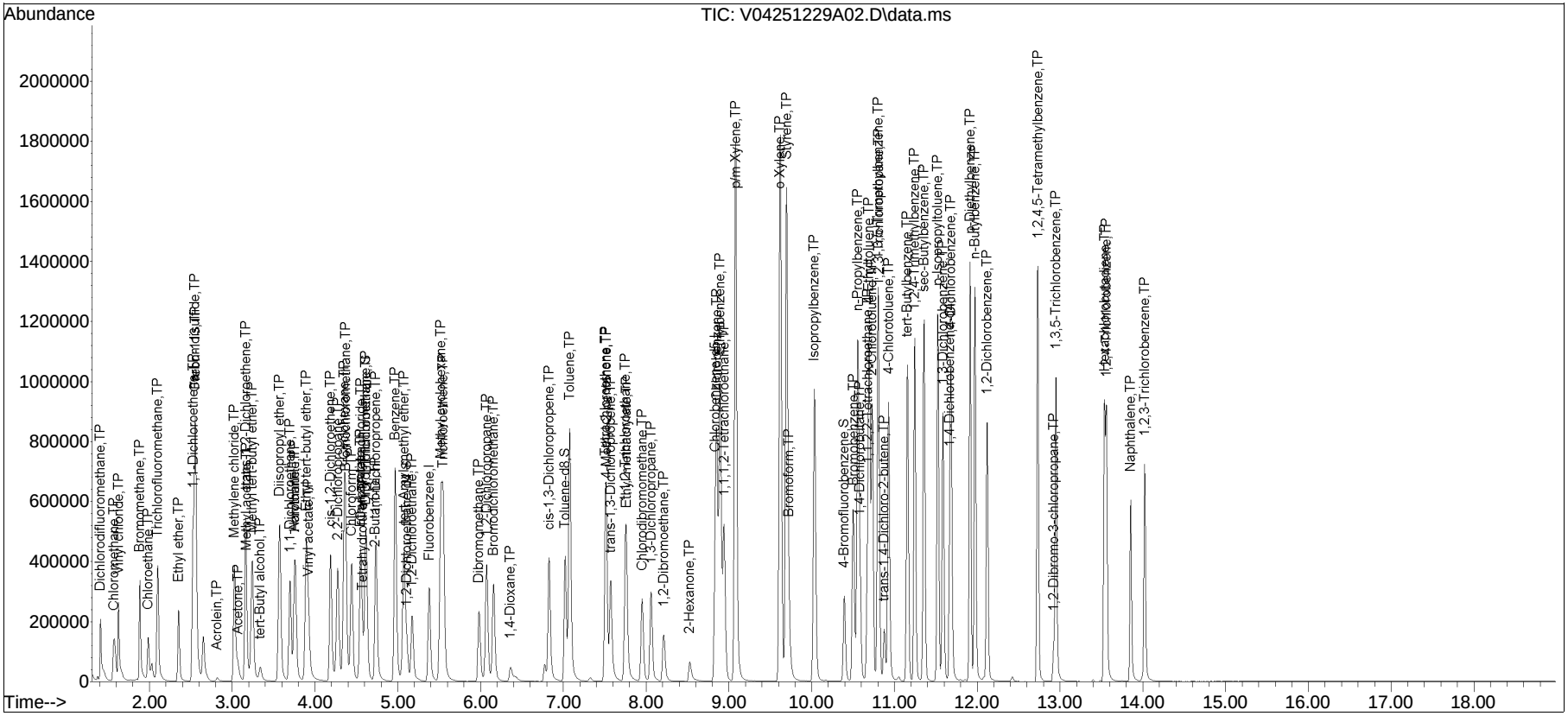
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

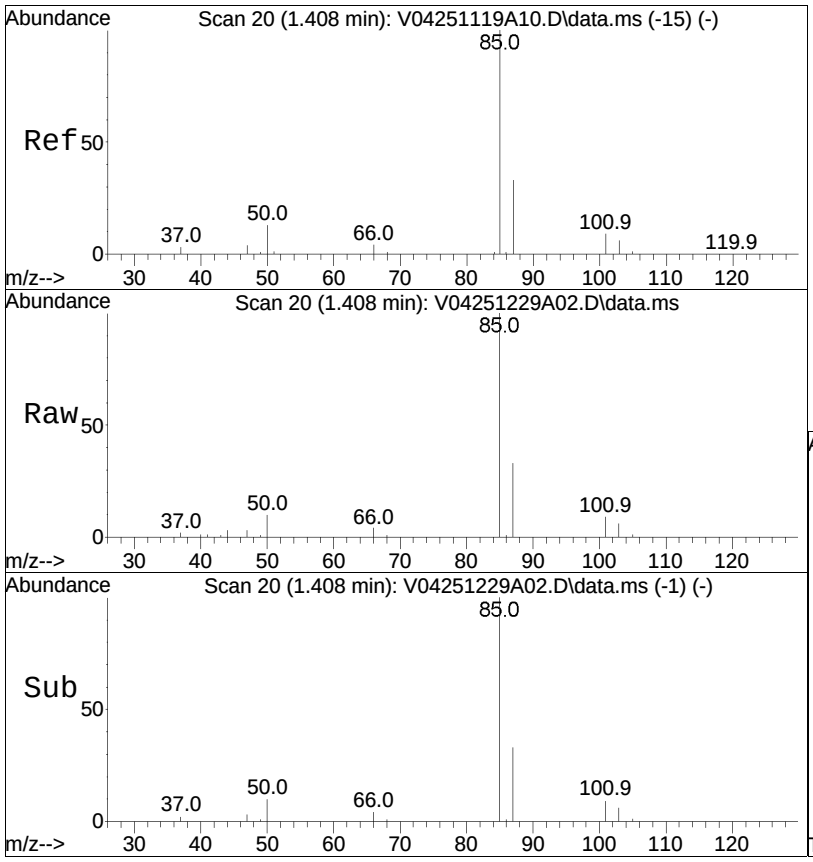
Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251229A\
Data File : V04251229A02.D
Acq On : 29 Dec 2025 5:44 am
Operator : VOA104:MJV
Sample : WG2159734-4,31,5,5
Misc : WG2159734,ICAL22828
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 29 06:12:21 2025
Quant Method : K:\VOA104\2025\251229A\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Sub List : 8260-Curve-2CEVE-IODO - Curve-2CEVE-IODOD•

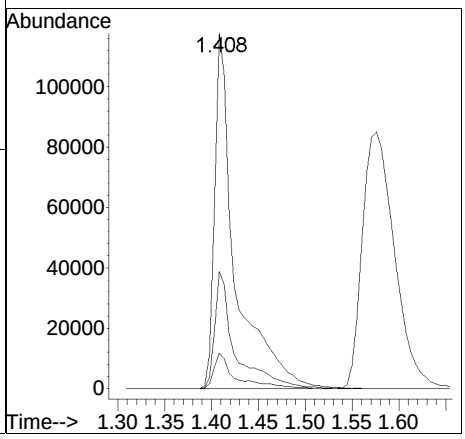


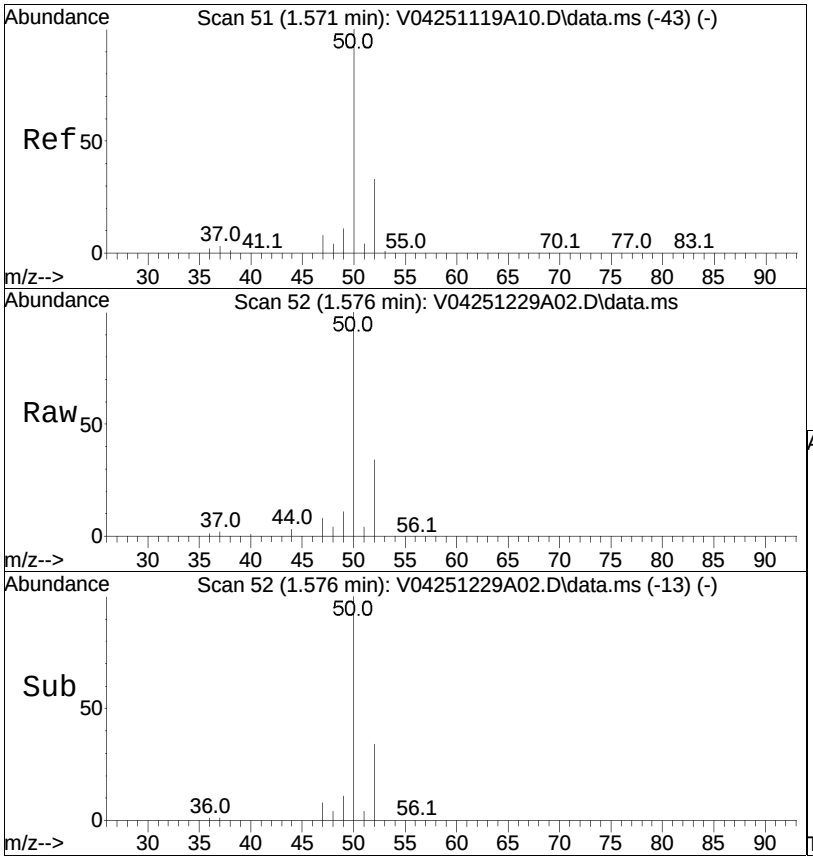


#2
Dichlorodifluoromethane
Concen: 29.21 ug/L
RT: 1.408 min Scan# 20
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 85 Resp: 181374

Ion	Ratio	Lower	Upper
85	100		
87	32.4	20.9	43.5
50	10.1	8.1	16.9

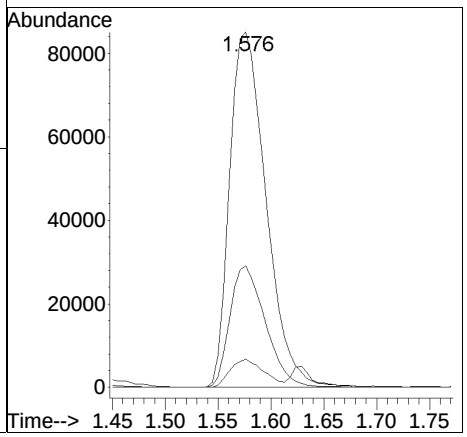


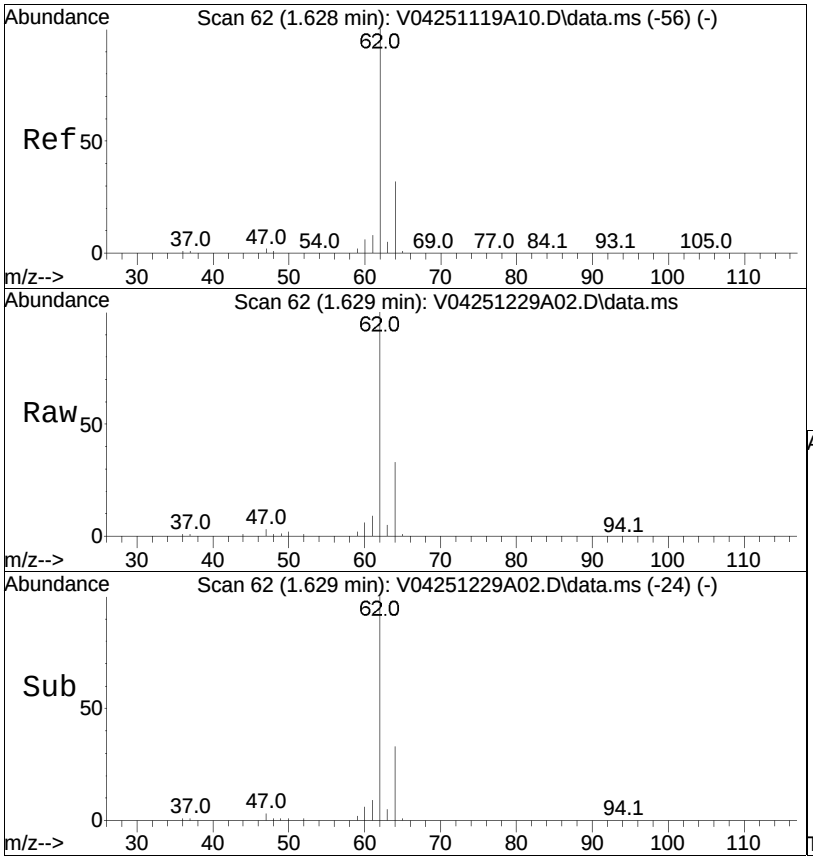


#3
Chloromethane
Concen: 31.94 ug/L
RT: 1.576 min Scan# 52
Delta R.T. 0.005 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 50 Resp: 204116

Ion	Ratio	Lower	Upper
50	100		
52	33.3	13.0	53.0
47	7.5	0.0	28.2

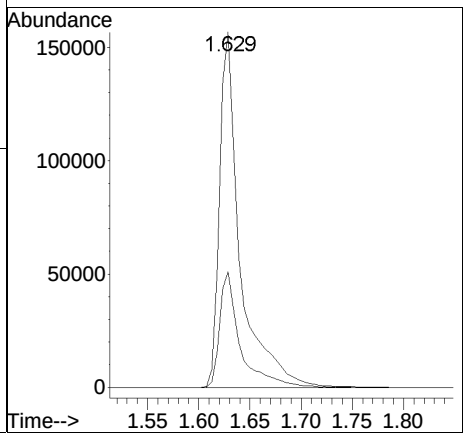


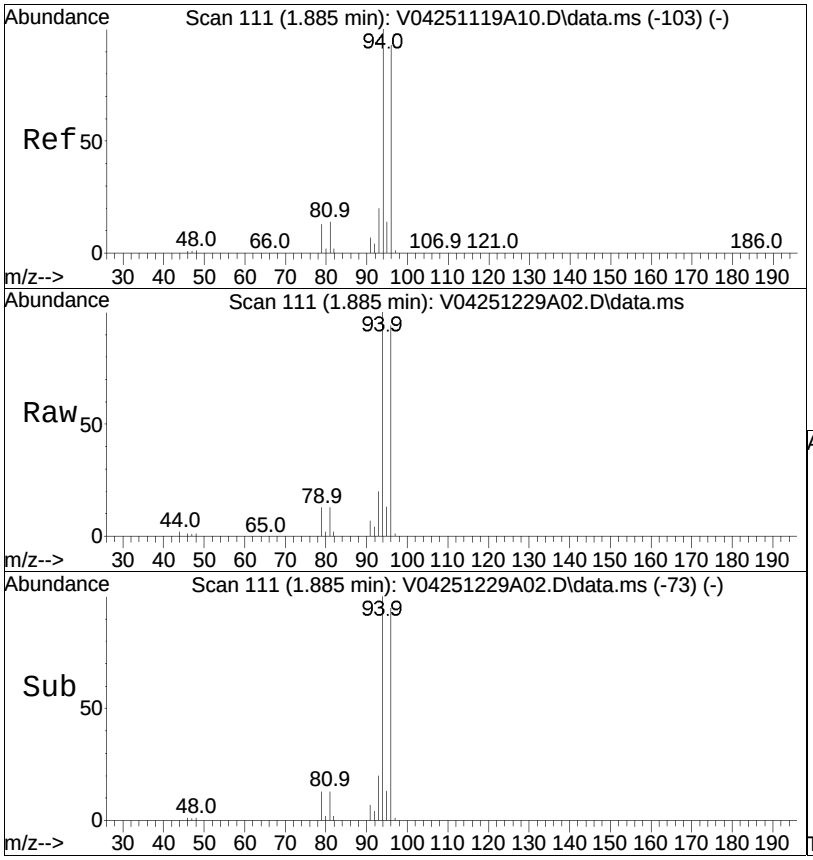


#4
Vinyl chloride
Concen: 35.02 ug/L
RT: 1.629 min Scan# 62
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 62 Resp: 219261

Ion	Ratio	Lower	Upper
62	100		
64	32.4	11.6	51.6

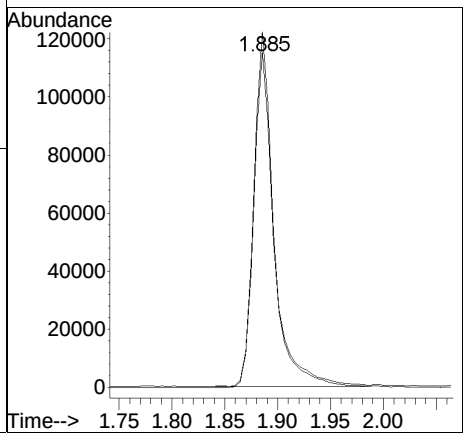


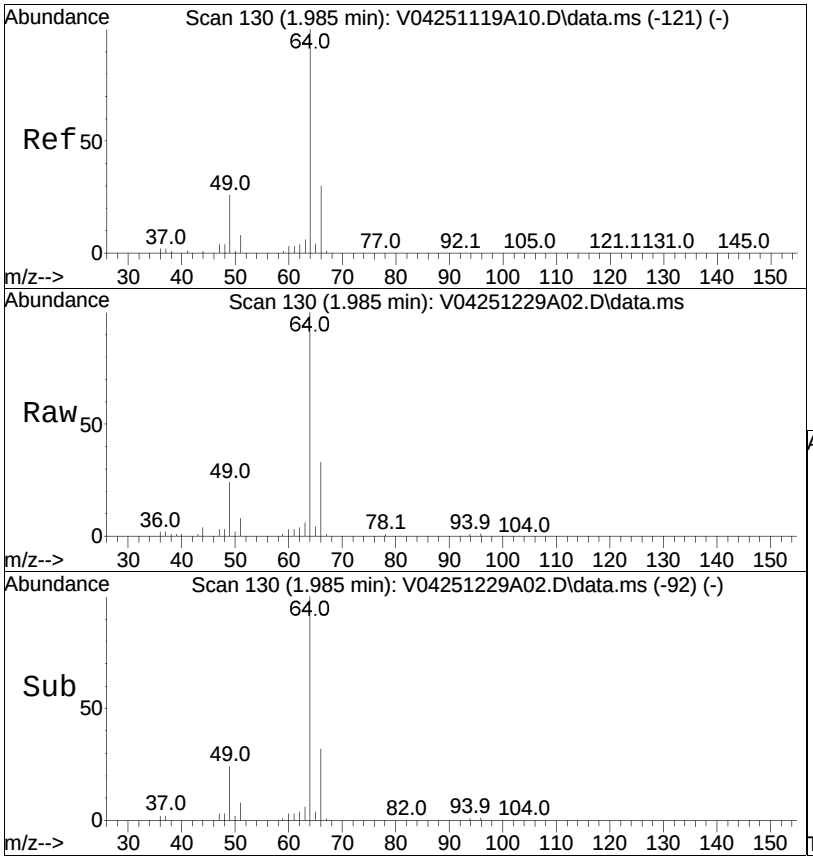


#5
Bromomethane
Concen: 46.33 ug/L
RT: 1.885 min Scan# 111
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 94 Resp: 162929

Ion	Ratio	Lower	Upper
94	100		
96	94.4	71.0	111.0

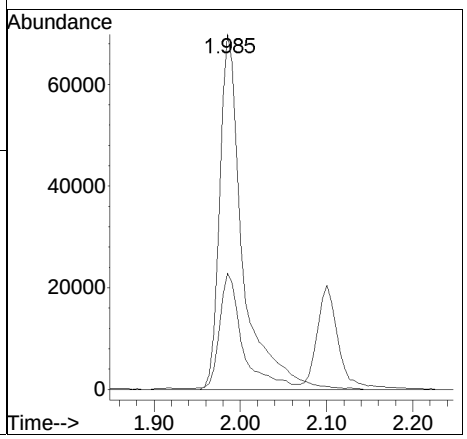


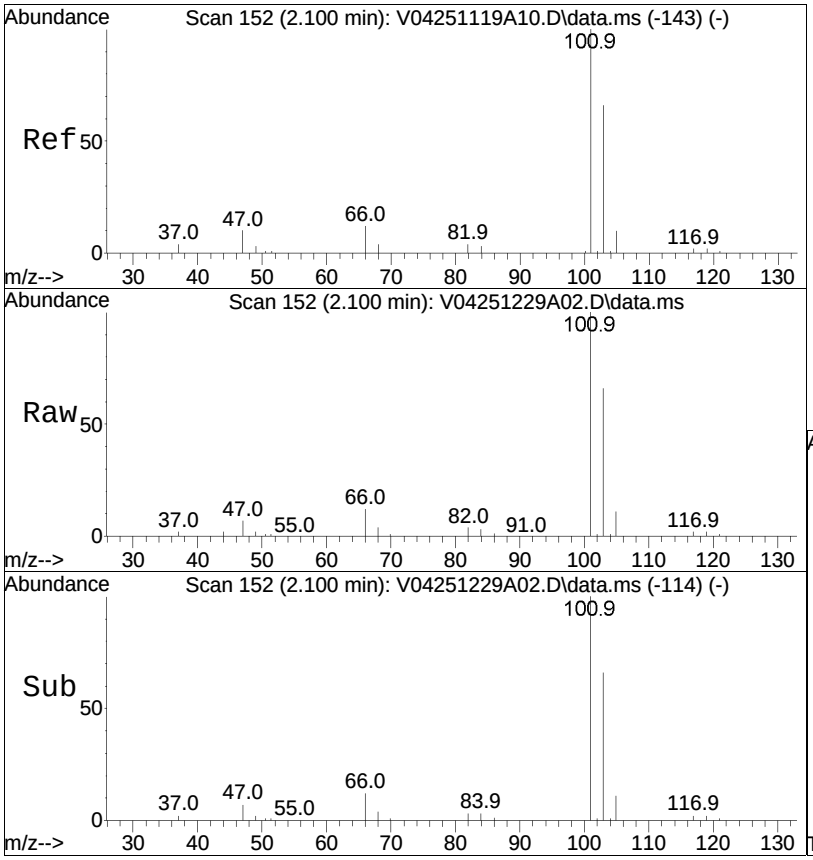


#6
Chloroethane
Concen: 35.86 ug/L
RT: 1.985 min Scan# 130
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 64 Resp: 130102

Ion	Ratio	Lower	Upper
64	100		
66	32.1	13.7	53.7

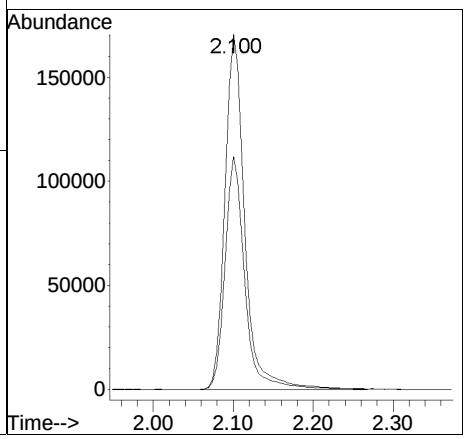


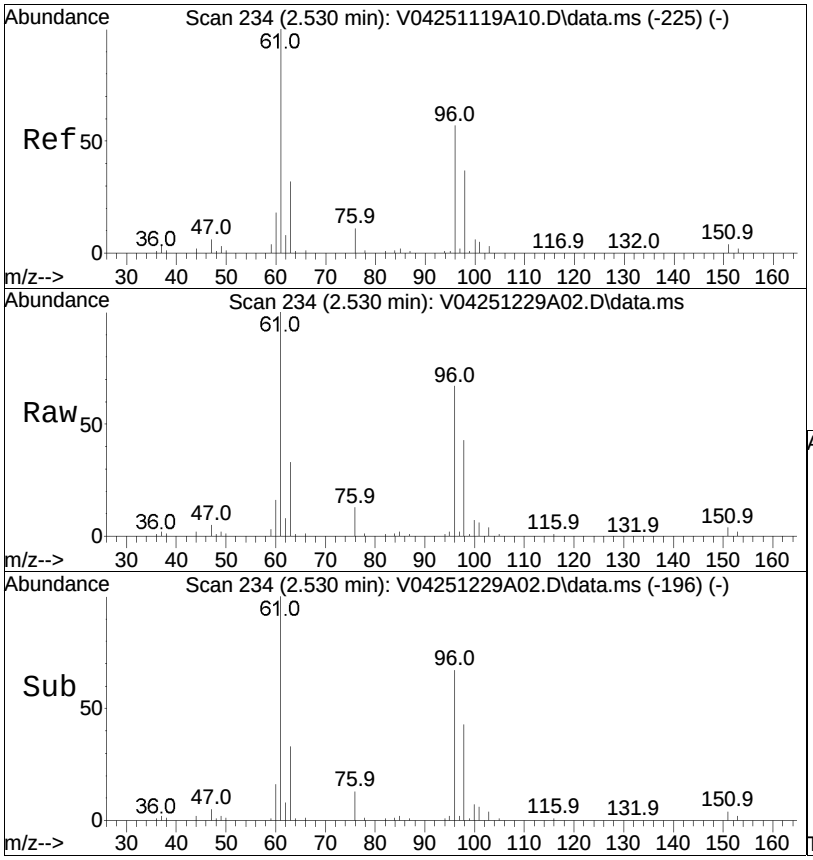


#7
Trichlorofluoromethane
Concen: 39.73 ug/L
RT: 2.100 min Scan# 152
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:101 Resp: 294493

Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.7	77.5

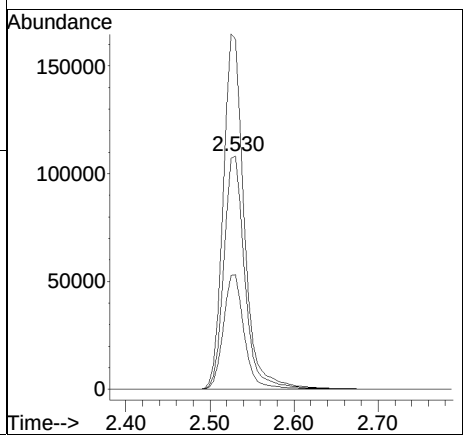


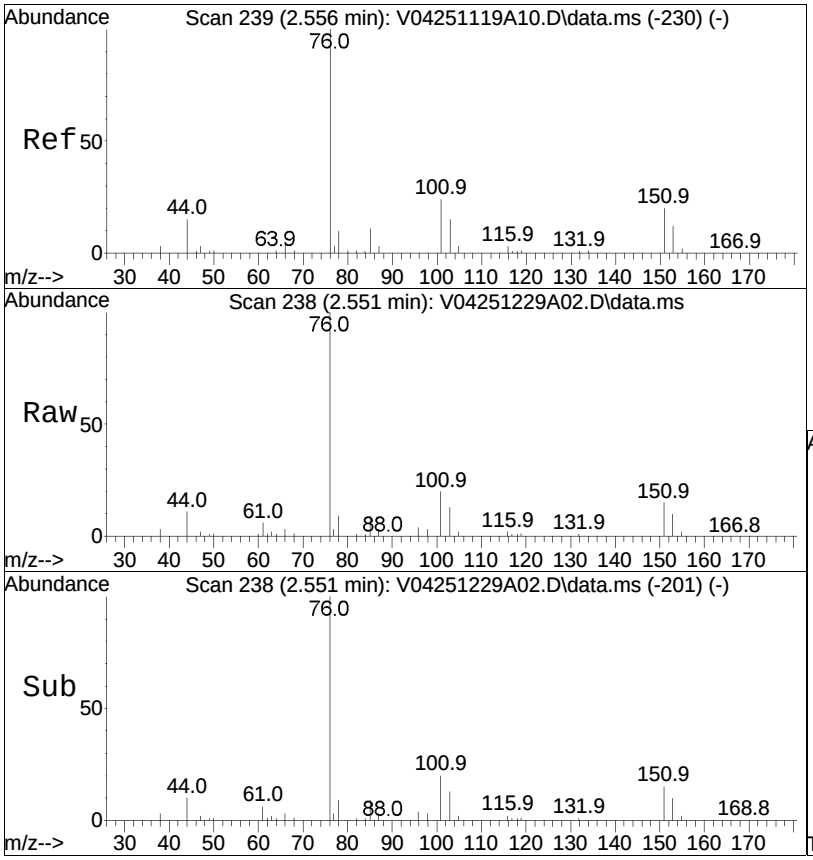


#10
1,1-Dichloroethene
Concen: 44.33 ug/L
RT: 2.530 min Scan# 234
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 96 Resp: 188470

Ion	Ratio	Lower	Upper
96	100		
61	152.1	145.8	218.6
63	49.3	46.6	69.8

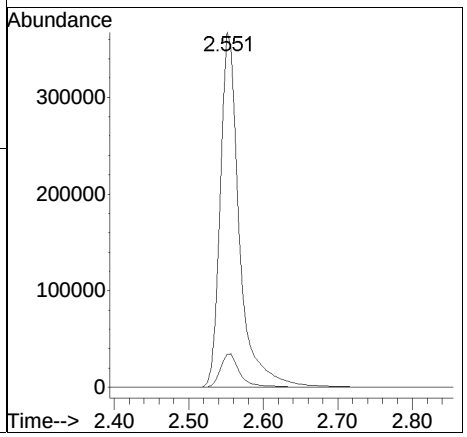


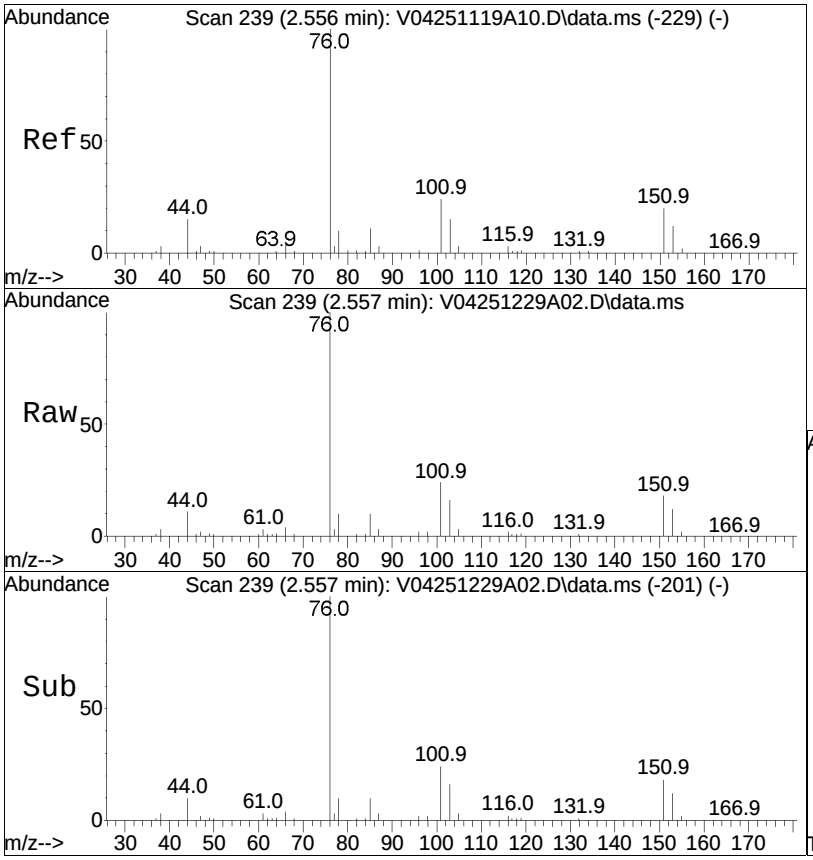


#11
Carbon disulfide
Concen: 42.28 ug/L
RT: 2.551 min Scan# 238
Delta R.T. -0.005 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 76 Resp: 659570

Ion	Ratio	Lower	Upper
76	100		
78	9.8	6.6	13.8

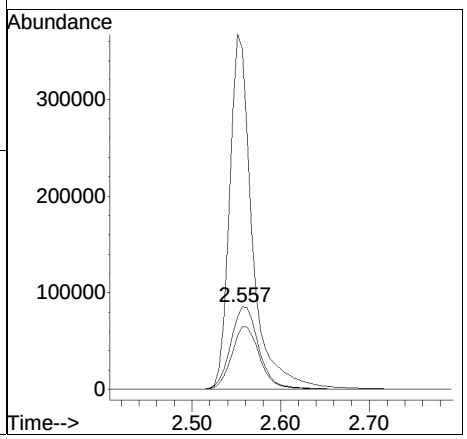


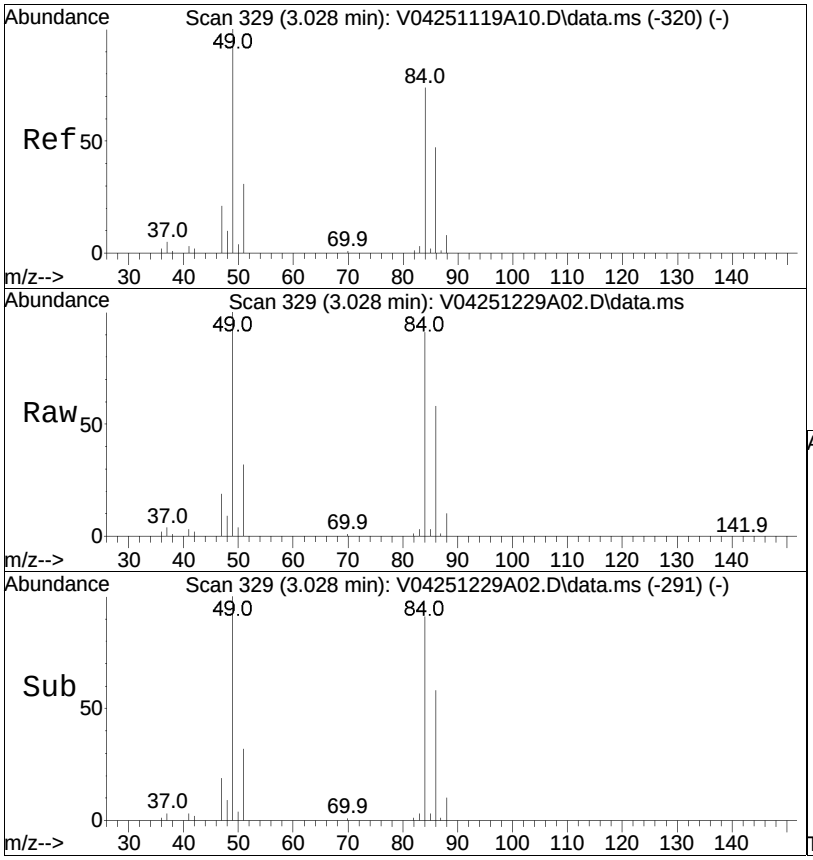


#12
Freon-113
Concen: 45.51 ug/L
RT: 2.557 min Scan# 239
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:101 Resp: 191732

Ion	Ratio	Lower	Upper
101	100		
151	75.8	65.3	97.9
76	344.0	224.2	336.4#

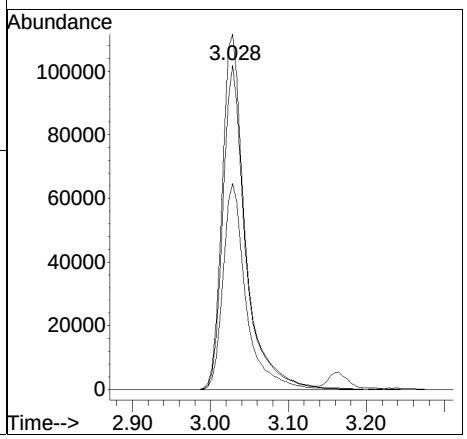


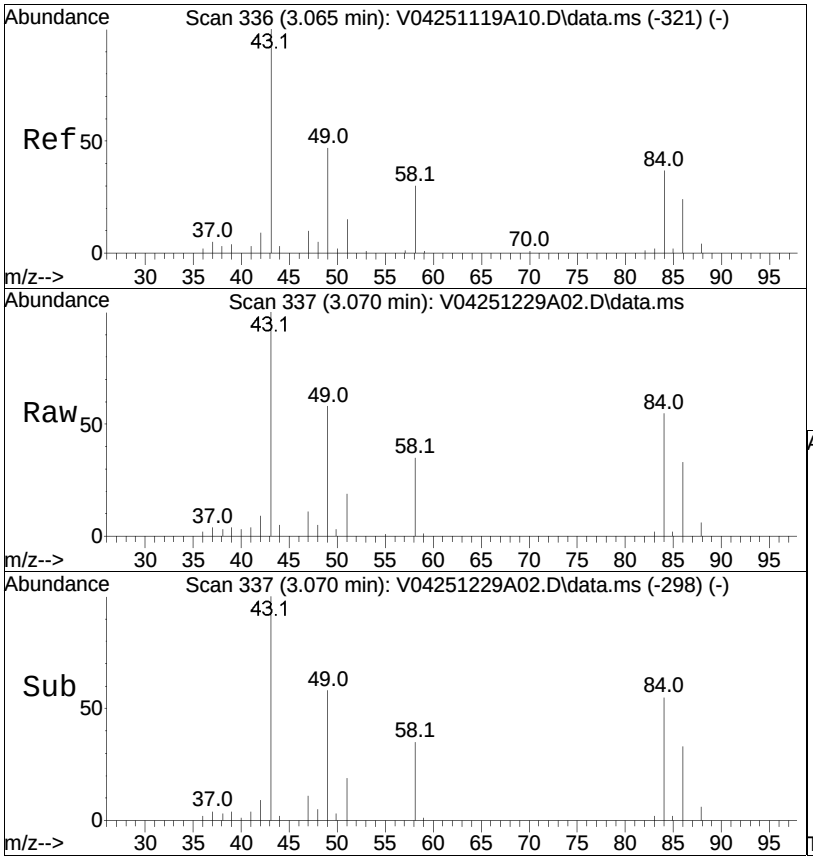


#15
Methylene chloride
Concen: 38.79 ug/L
RT: 3.028 min Scan# 329
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 84 Resp: 207650

Ion	Ratio	Lower	Upper
84	100		
86	64.1	41.3	85.9
49	111.0	91.0	189.0

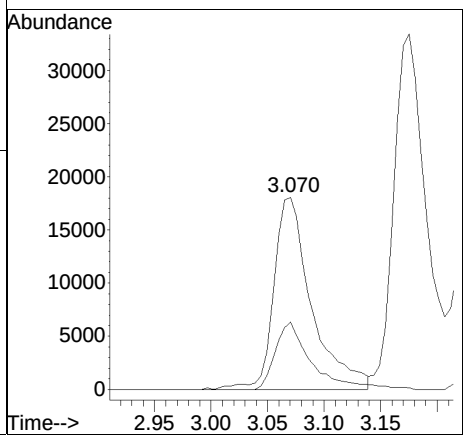


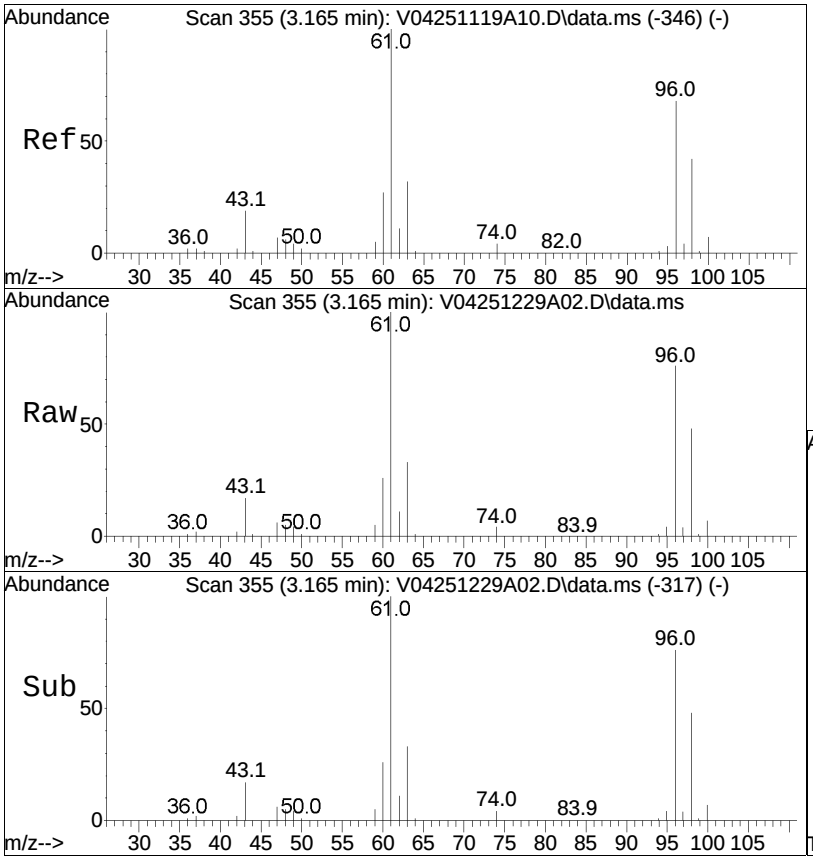


#17
Acetone
Concen: 24.51 ug/L
RT: 3.070 min Scan# 337
Delta R.T. 0.005 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 43 Resp: 42067

Ion	Ratio	Lower	Upper
43	100		
58	33.6	23.2	34.8

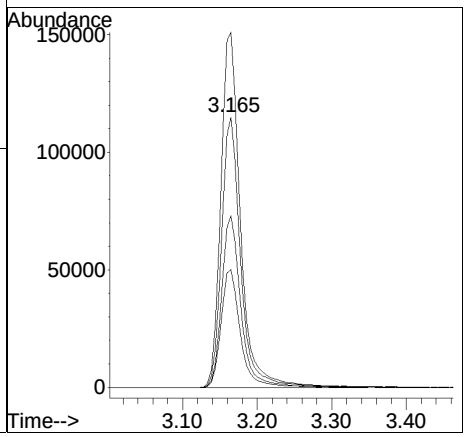


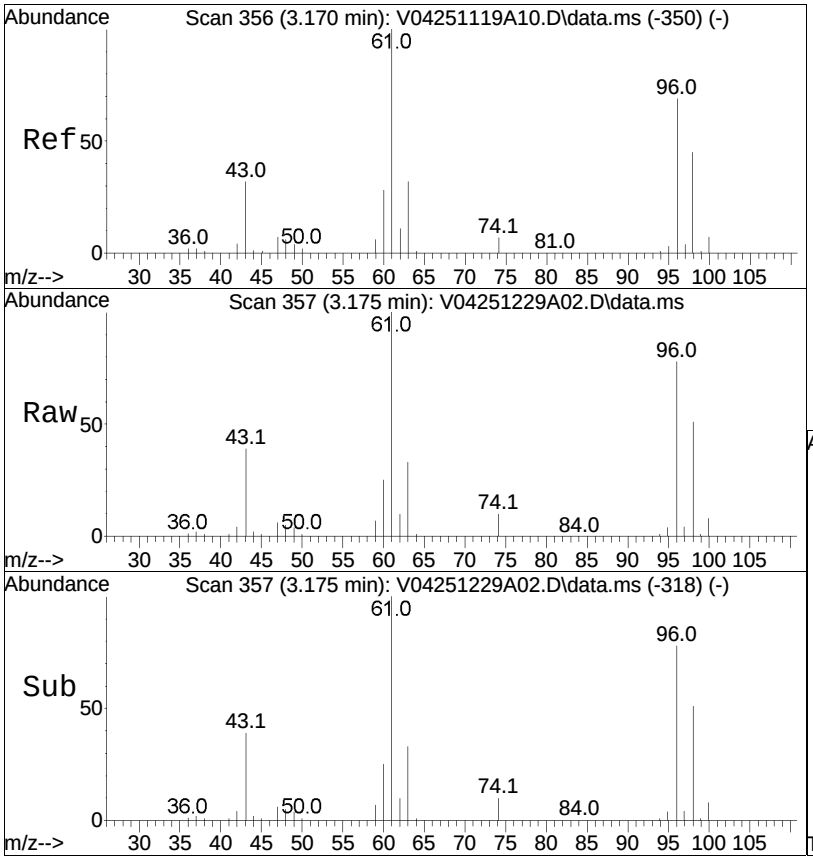


#18
trans-1,2-Dichloroethene
Concen: 43.18 ug/L
RT: 3.165 min Scan# 355
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 96 Resp: 205685

Ion	Ratio	Lower	Upper
96	100		
61	134.7	103.7	215.3
98	63.7	41.0	85.0
63	43.8	32.1	66.7

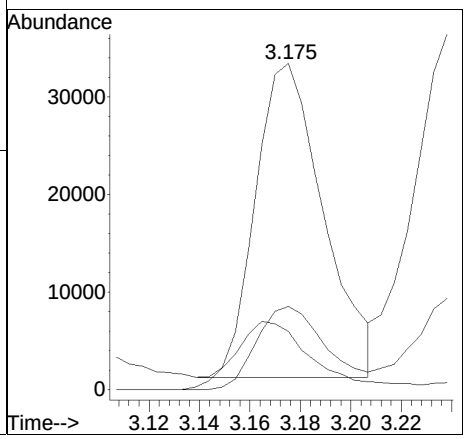


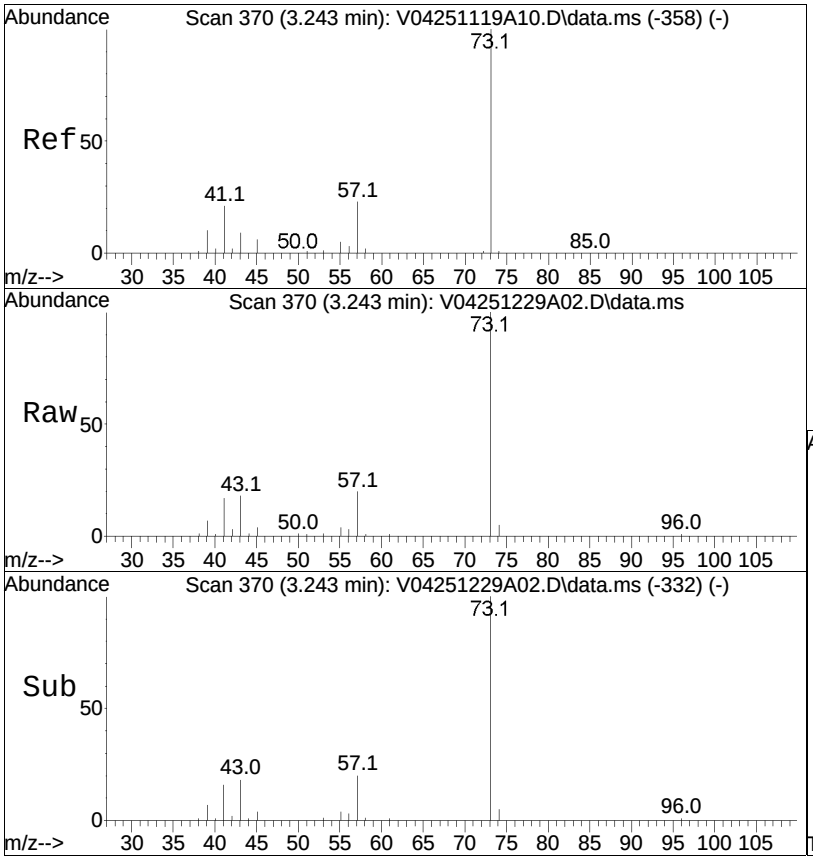


#19
Methyl acetate
Concen: 33.90 ug/L
RT: 3.175 min Scan# 357
Delta R.T. 0.005 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 43 Resp: 60444

Ion	Ratio	Lower	Upper
43	100		
74	27.0	16.2	24.2#
59	24.5	13.7	20.5#

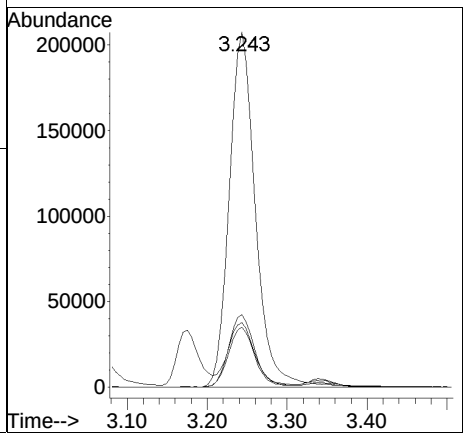


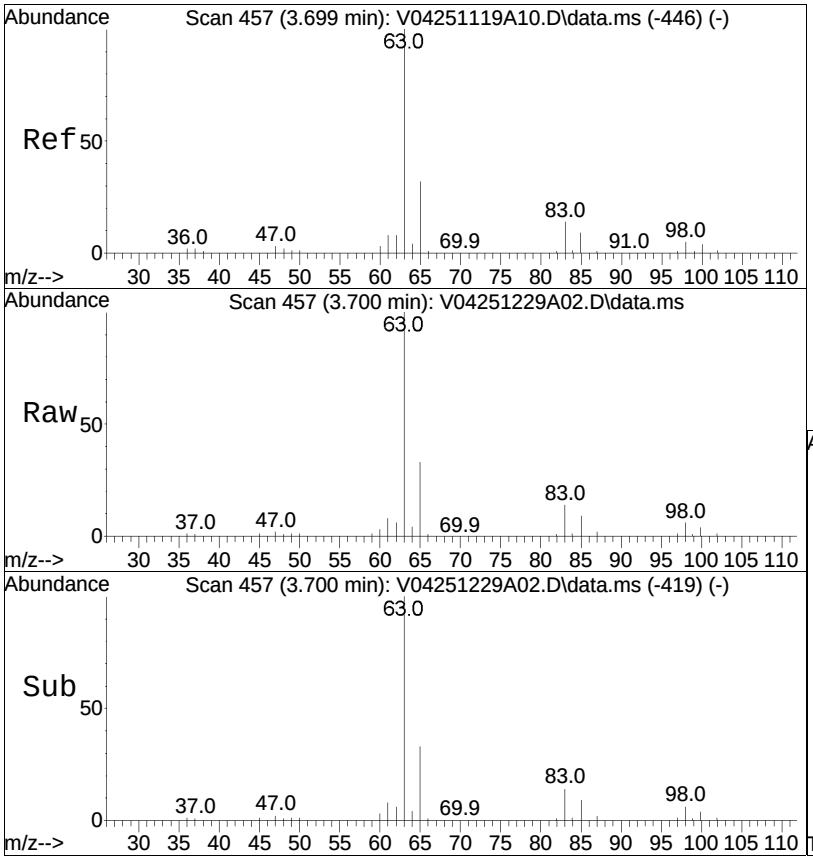


#20
Methyl tert-butyl ether
Concen: 40.26 ug/L
RT: 3.243 min Scan# 370
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 73 Resp: 475479

Ion	Ratio	Lower	Upper
73	100		
57	20.3	16.3	33.9
43	18.3	14.7	30.5
41	16.7	15.4	32.0

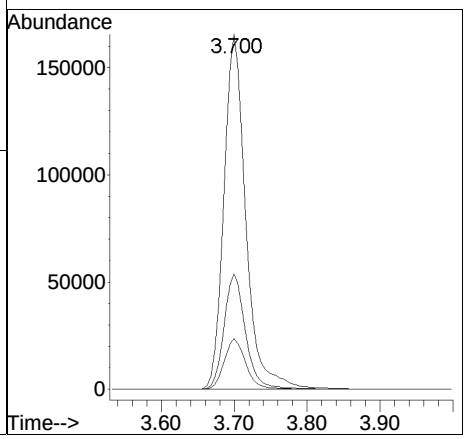


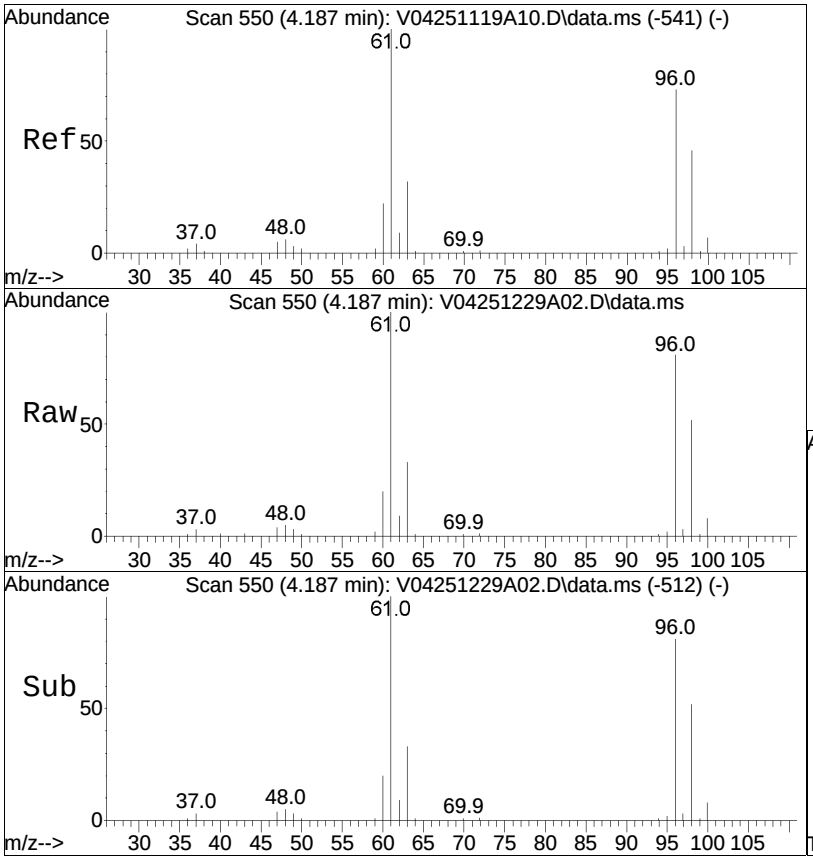


#23
1,1-Dichloroethane
Concen: 38.95 ug/L
RT: 3.700 min Scan# 457
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 63 Resp: 347633

Ion	Ratio	Lower	Upper
63	100		
65	31.9	10.4	50.4
83	14.1	0.0	32.2

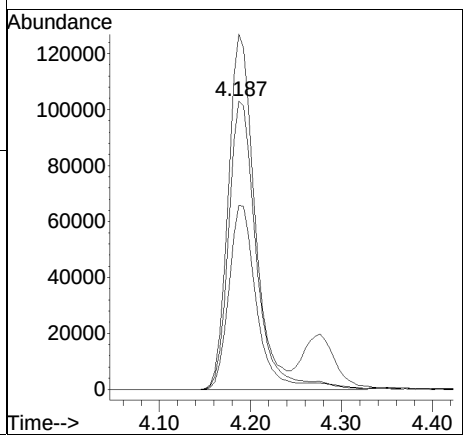


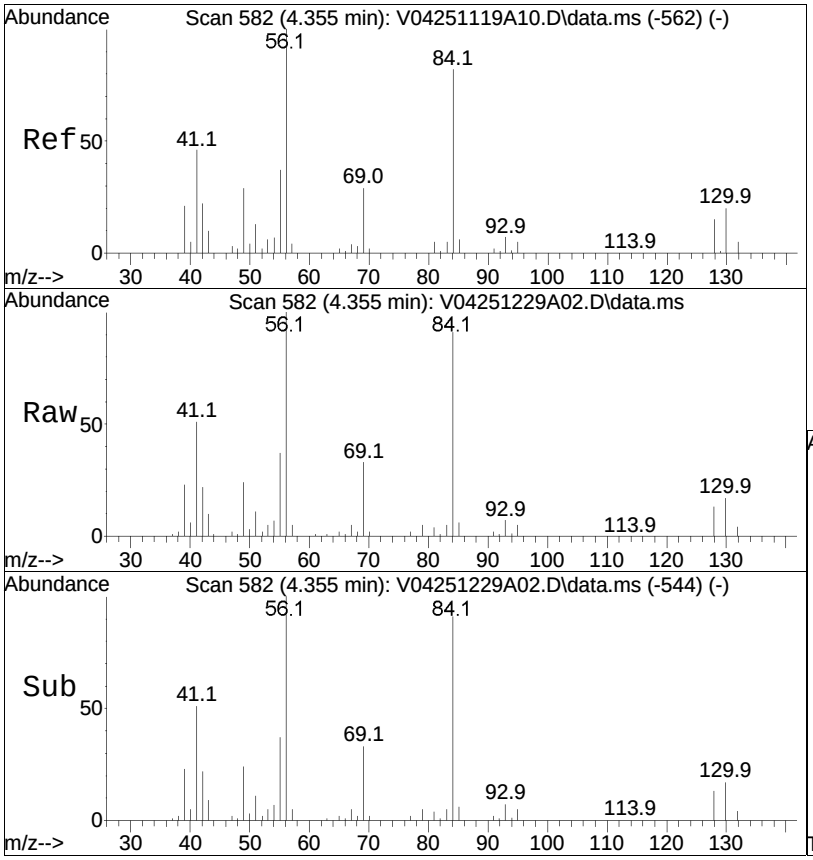


#28
cis-1,2-Dichloroethene
Concen: 40.76 ug/L
RT: 4.187 min Scan# 550
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 96 Resp: 219352

Ion	Ratio	Lower	Upper
96	100		
61	116.4	114.4	171.6
98	64.7	51.3	76.9

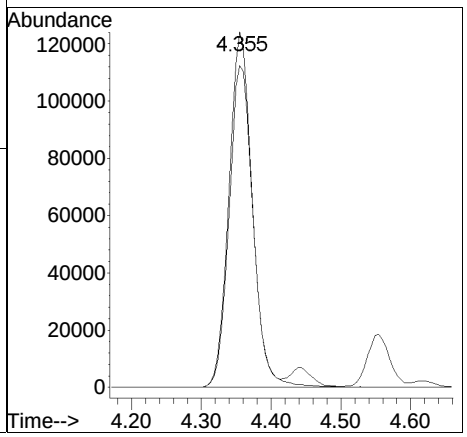


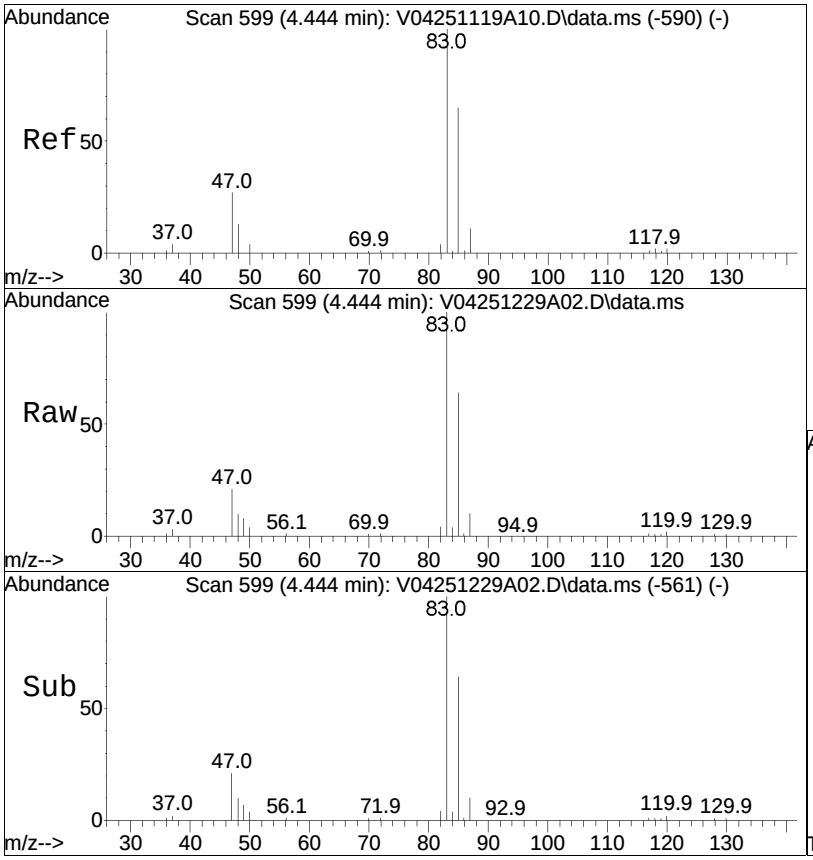


#31
Cyclohexane
Concen: 40.16 ug/L
RT: 4.355 min Scan# 582
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 56 Resp: 291373

Ion	Ratio	Lower	Upper
56	100		
84	91.3	48.2	100.2

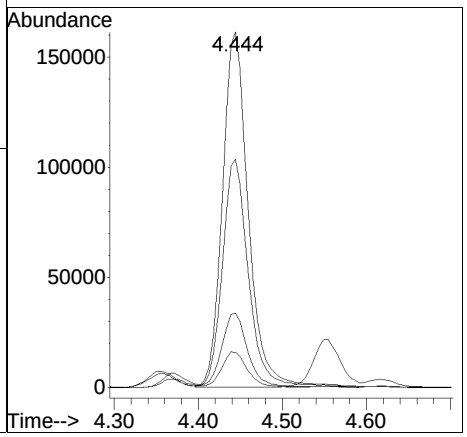


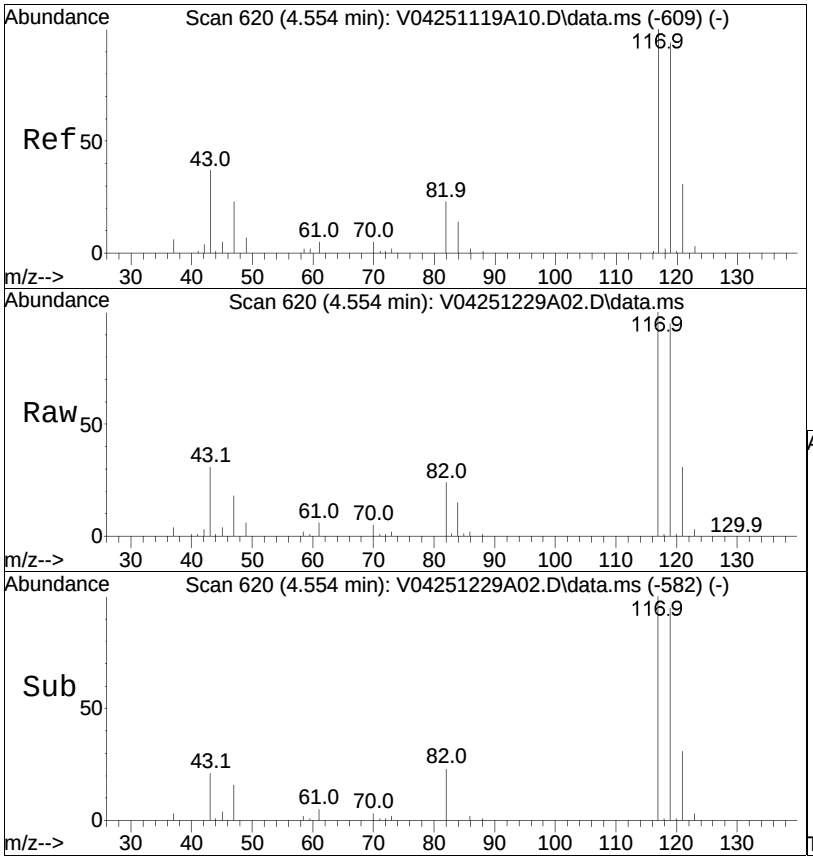


#32
Chloroform
Concen: 40.72 ug/L
RT: 4.444 min Scan# 599
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 83 Resp: 344526

Ion	Ratio	Lower	Upper
83	100		
85	64.5	41.9	87.1
47	19.5	16.7	34.7
48	9.7	7.9	16.3

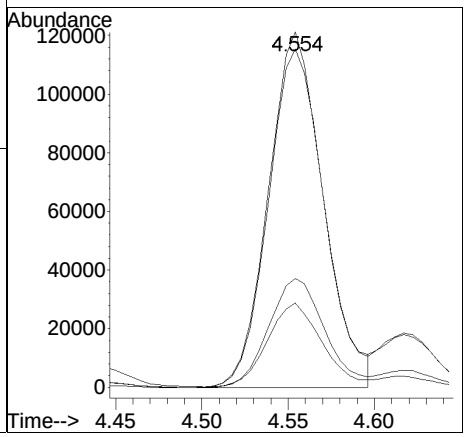


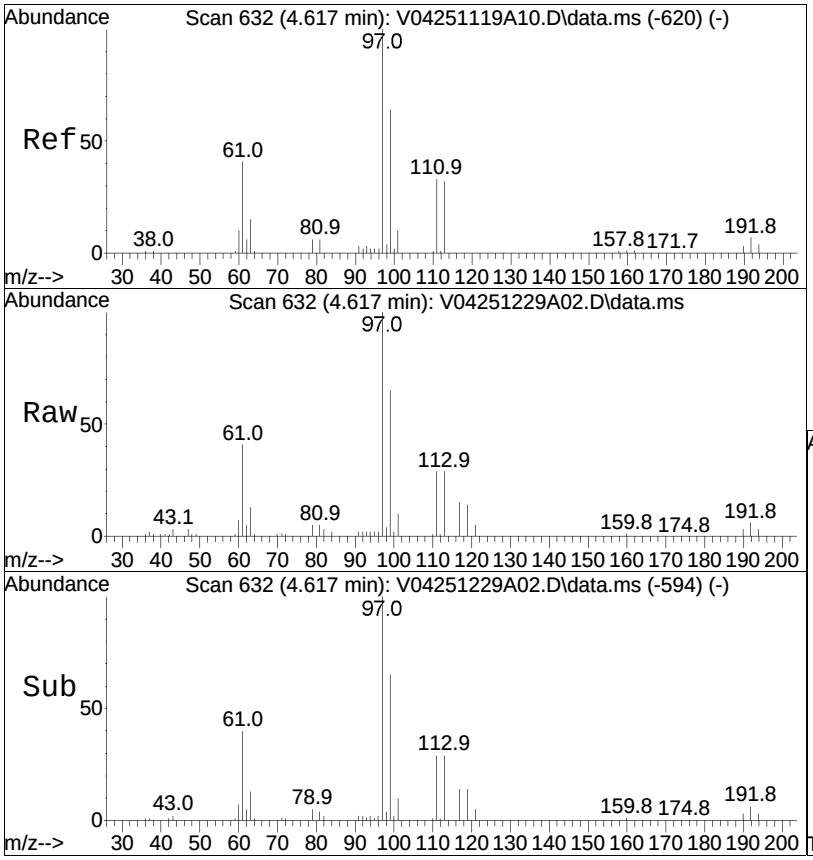


#34
Carbon tetrachloride
Concen: 39.15 ug/L
RT: 4.554 min Scan# 620
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:117 Resp: 267930

Ion	Ratio	Lower	Upper
117	100		
119	96.9	62.9	130.7
121	31.3	20.2	42.0
82	23.6	14.9	30.9

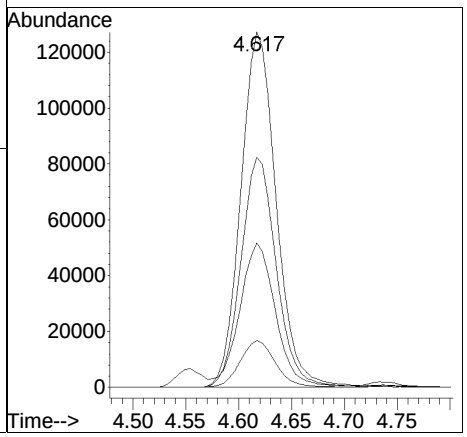


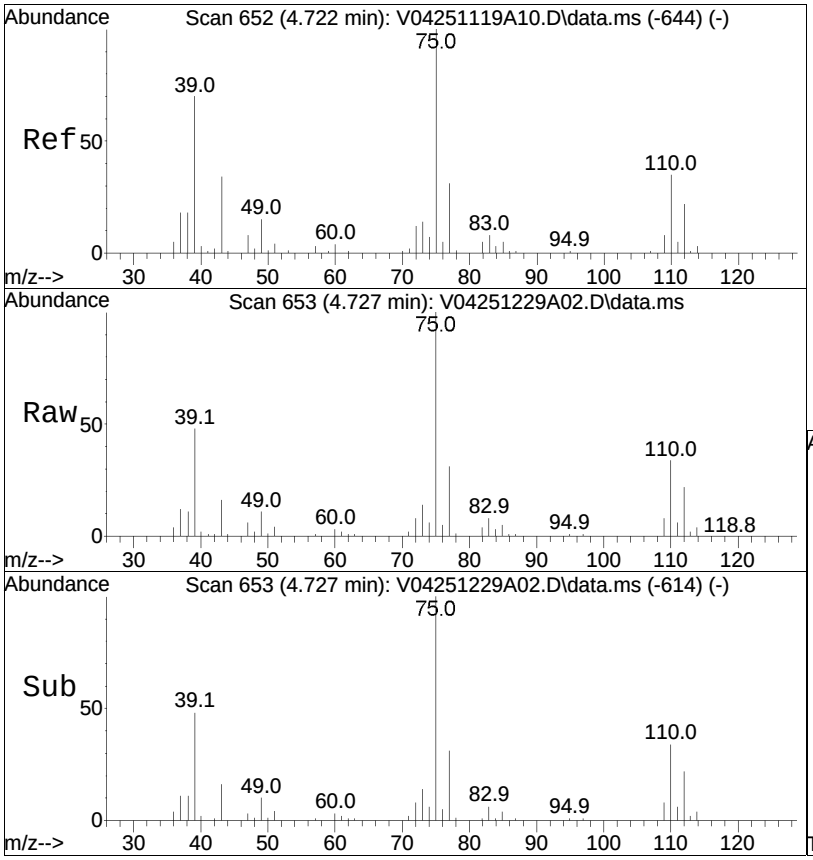


#37
1,1,1-Trichloroethane
Concen: 41.72 ug/L
RT: 4.617 min Scan# 632
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 97 Resp: 296771

Ion	Ratio	Lower	Upper
97	100		
99	65.1	41.7	86.7
61	40.9	30.9	64.3
63	13.2	9.6	20.0

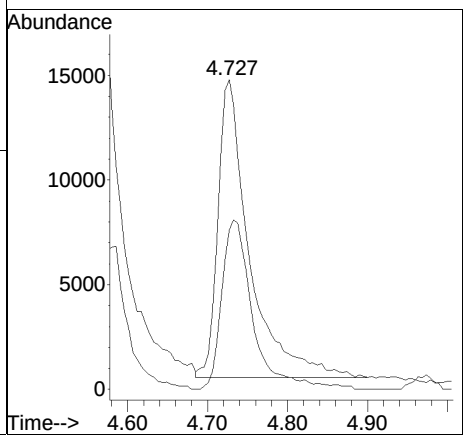


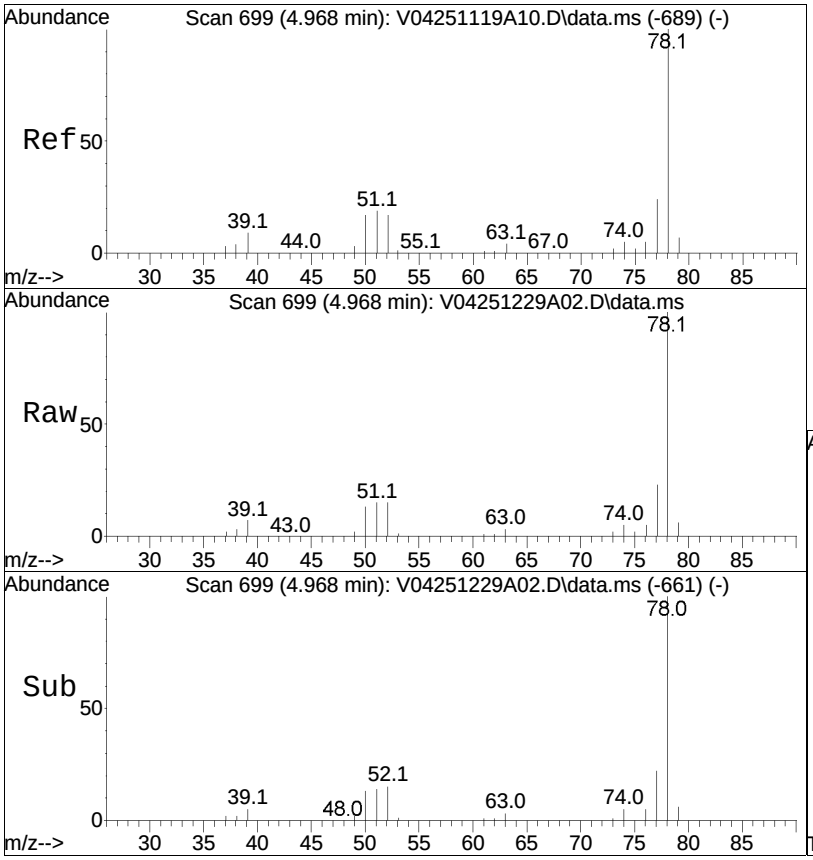


#39
2-Butanone
Concen: 31.38 ug/L
RT: 4.727 min Scan# 653
Delta R.T. 0.005 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 43 Resp: 38971

Ion	Ratio	Lower	Upper
43	100		
72	56.3	25.8	38.8#

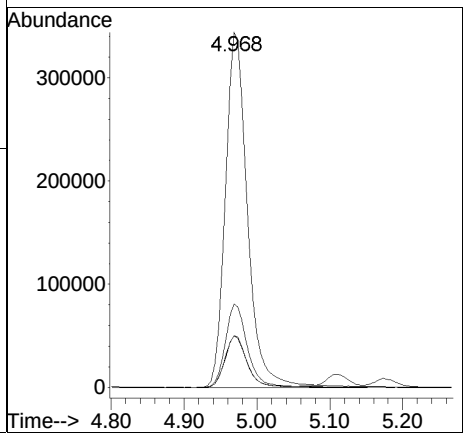


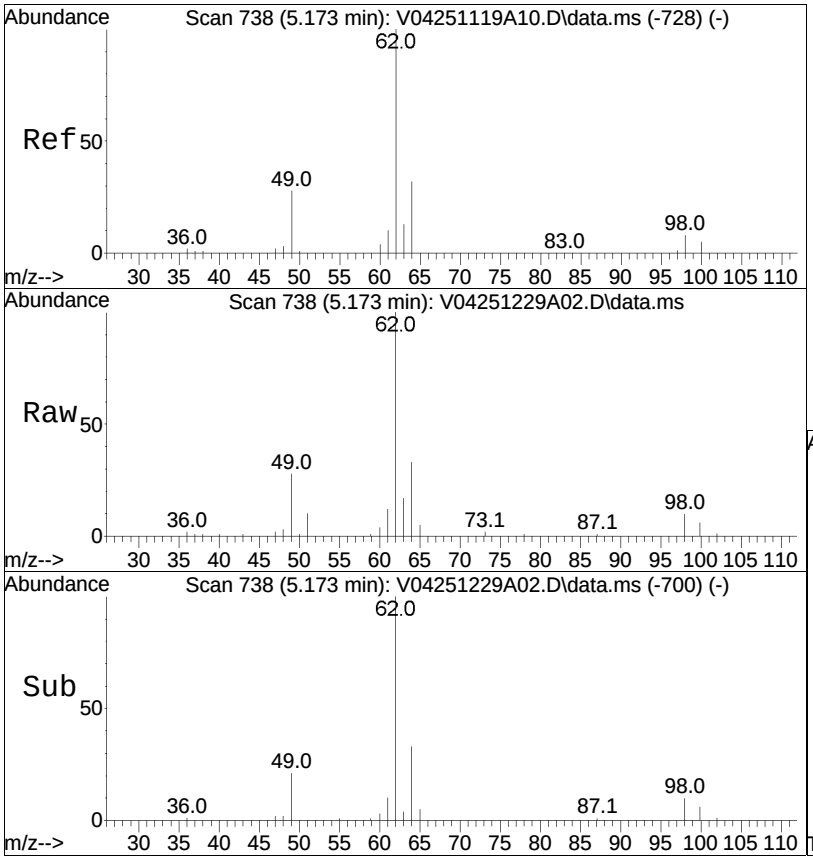


#41
Benzene
Concen: 43.57 ug/L
RT: 4.968 min Scan# 699
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 78 Resp: 729003

Ion	Ratio	Lower	Upper
78	100		
77	23.5	15.1	31.3
51	14.4	12.2	25.4
52	14.2	11.9	24.7

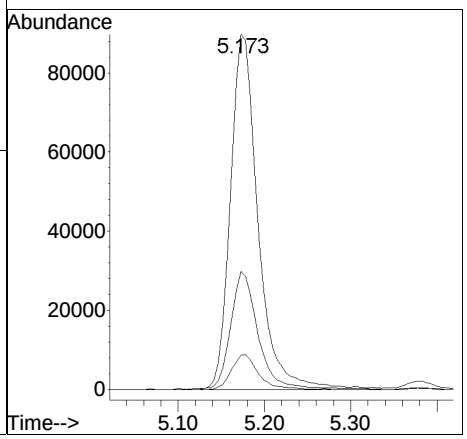


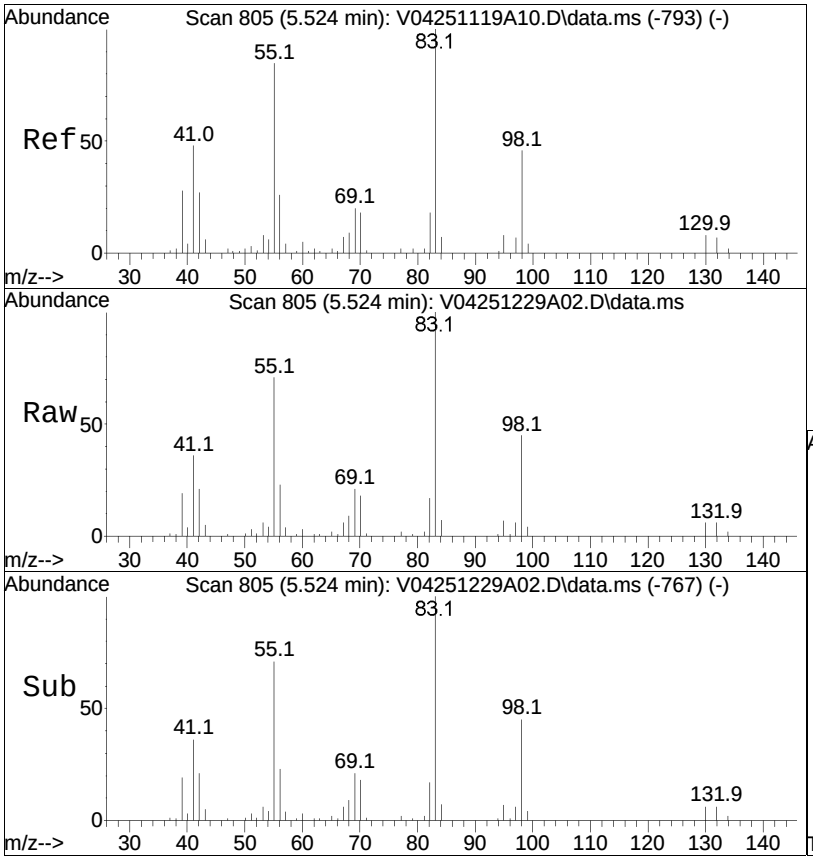


#44
1,2-Dichloroethane
Concen: 33.77 ug/L
RT: 5.173 min Scan# 738
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 62 Resp: 200053

Ion	Ratio	Lower	Upper
62	100		
64	33.1	11.3	51.3
98	9.5	0.0	27.5

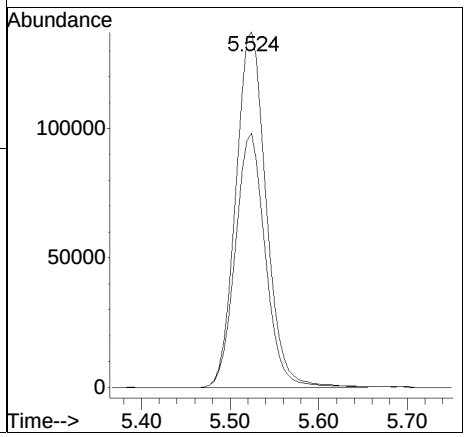


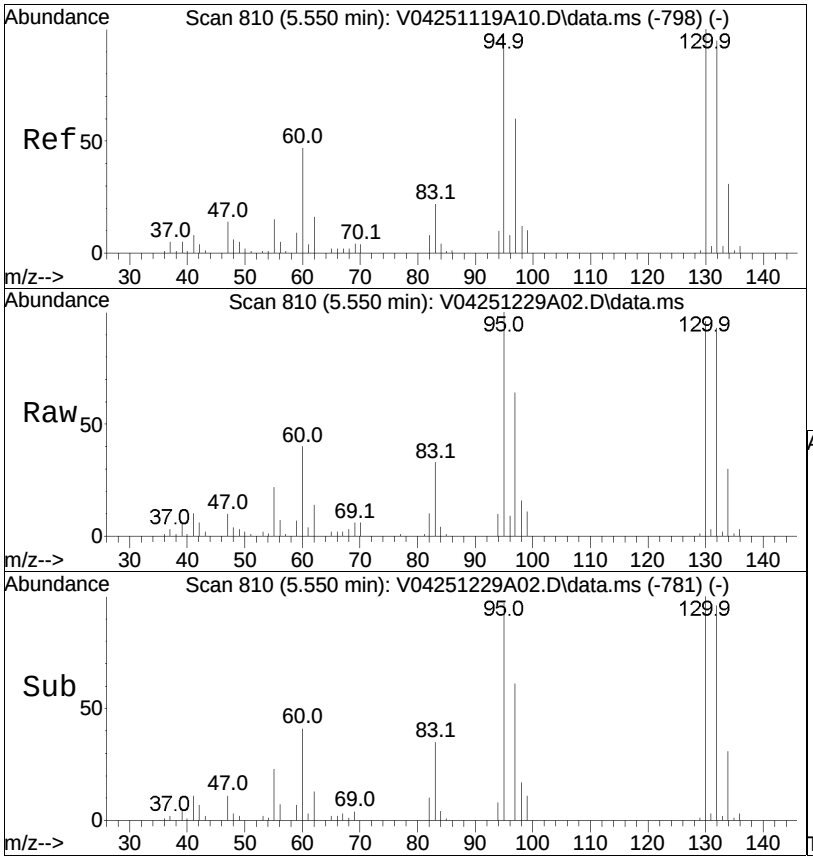


#47
Methyl cyclohexane
Concen: 46.76 ug/L
RT: 5.524 min Scan# 805
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 83 Resp: 327681

Ion	Ratio	Lower	Upper
83	100		
55	70.7	73.0	109.4#

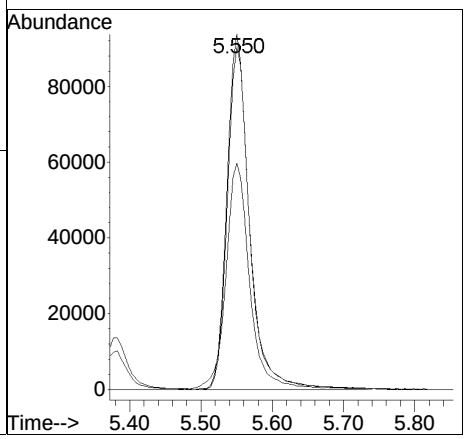


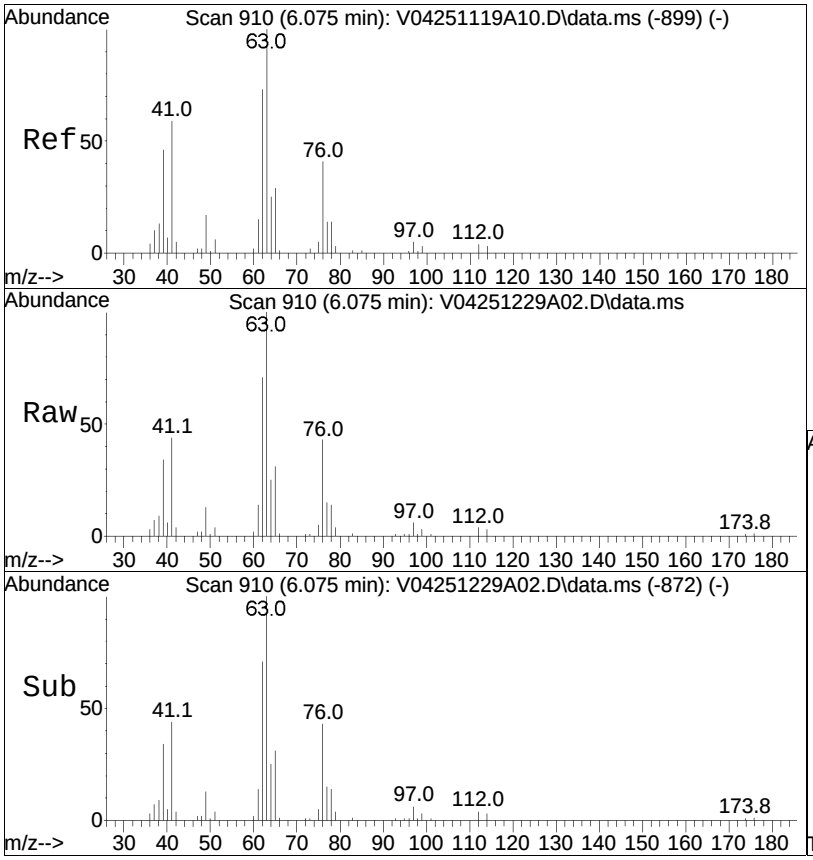


#48
Trichloroethene
Concen: 46.24 ug/L
RT: 5.550 min Scan# 810
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 95 Resp: 205831

Ion	Ratio	Lower	Upper
95	100		
97	67.0	53.9	80.9
130	96.7	83.1	124.7

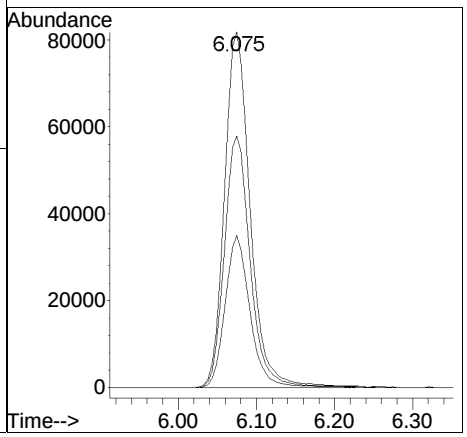


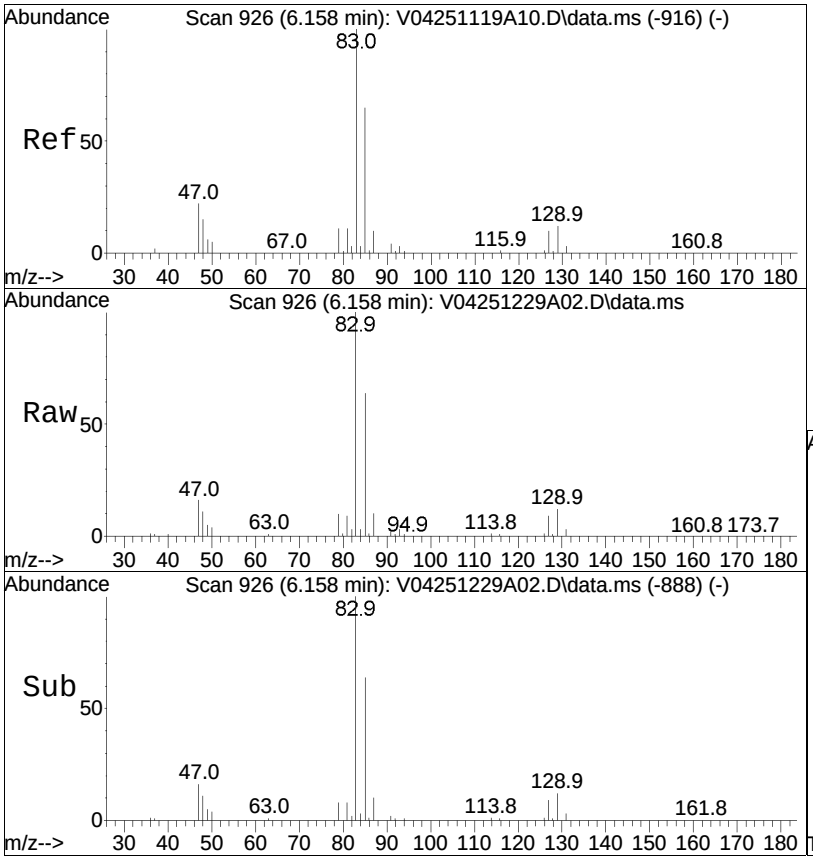


#51
1,2-Dichloropropane
Concen: 38.62 ug/L
RT: 6.075 min Scan# 910
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 63 Resp: 187279

Ion	Ratio	Lower	Upper
63	100		
62	71.3	58.2	87.2
76	41.3	31.4	47.2

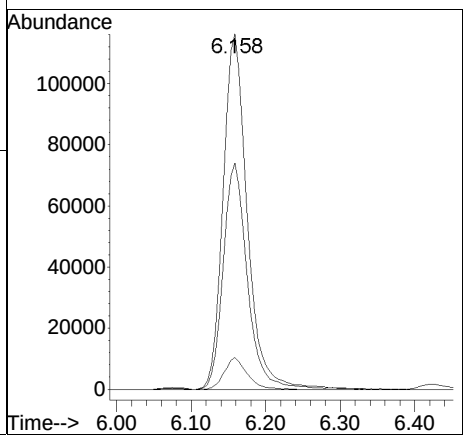


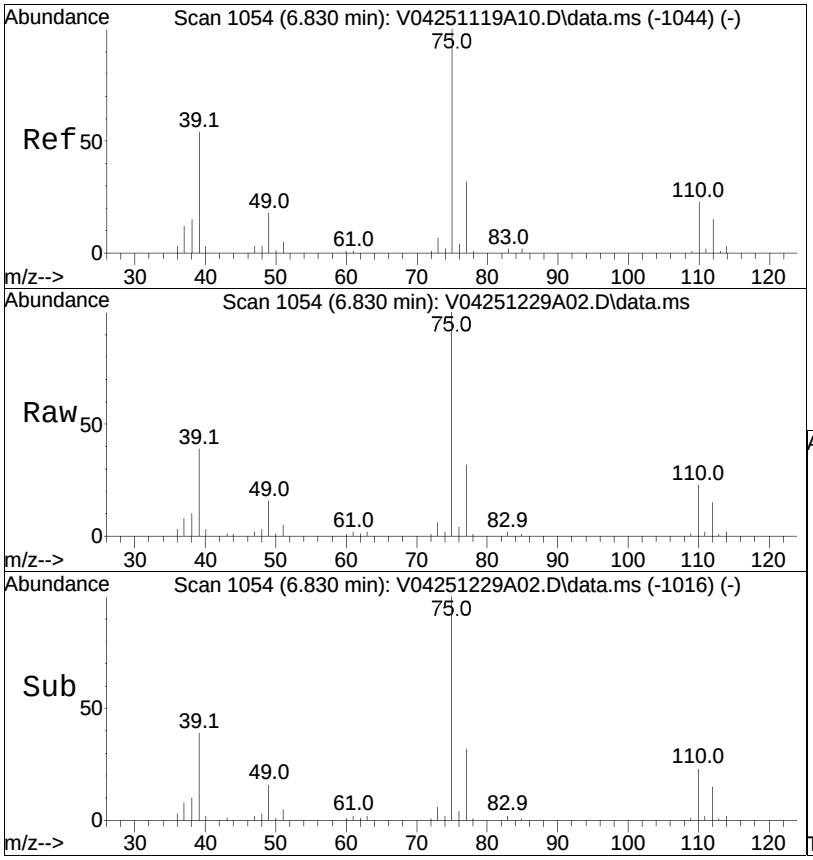


#54
Bromodichloromethane
Concen: 39.80 ug/L
RT: 6.158 min Scan# 926
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 83 Resp: 263218

Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.2	76.8
127	8.5	7.3	10.9

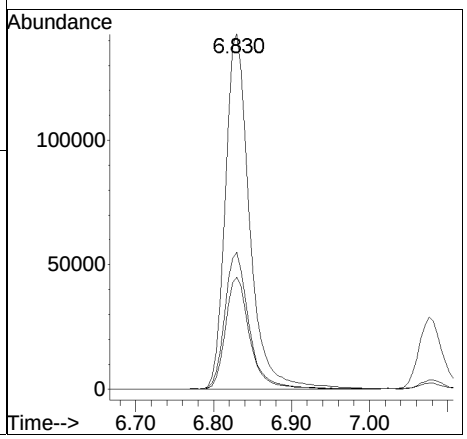


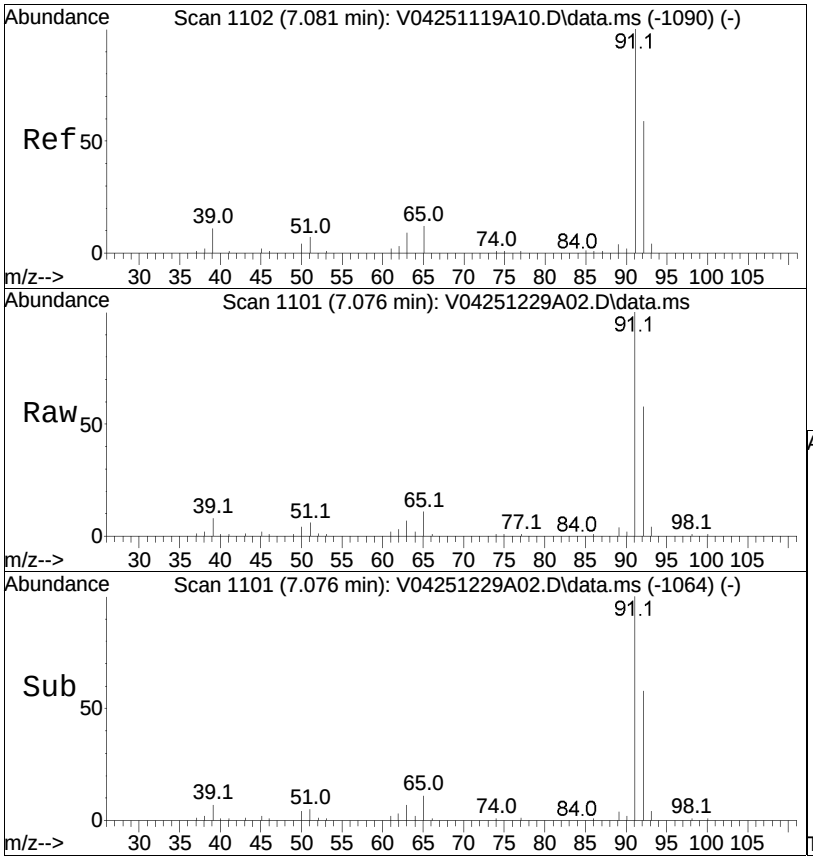


#58
cis-1,3-Dichloropropene
Concen: 43.59 ug/L
RT: 6.830 min Scan# 1054
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 75 Resp: 311083

Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.3	37.9
39	38.9	40.2	60.2#

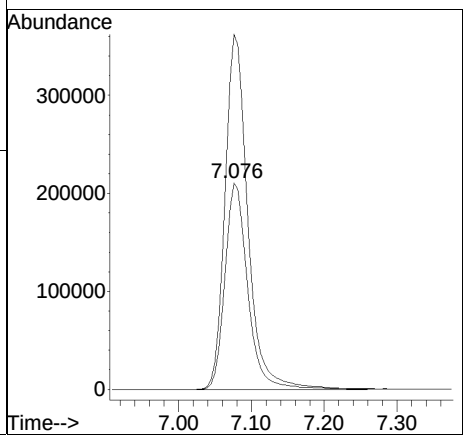


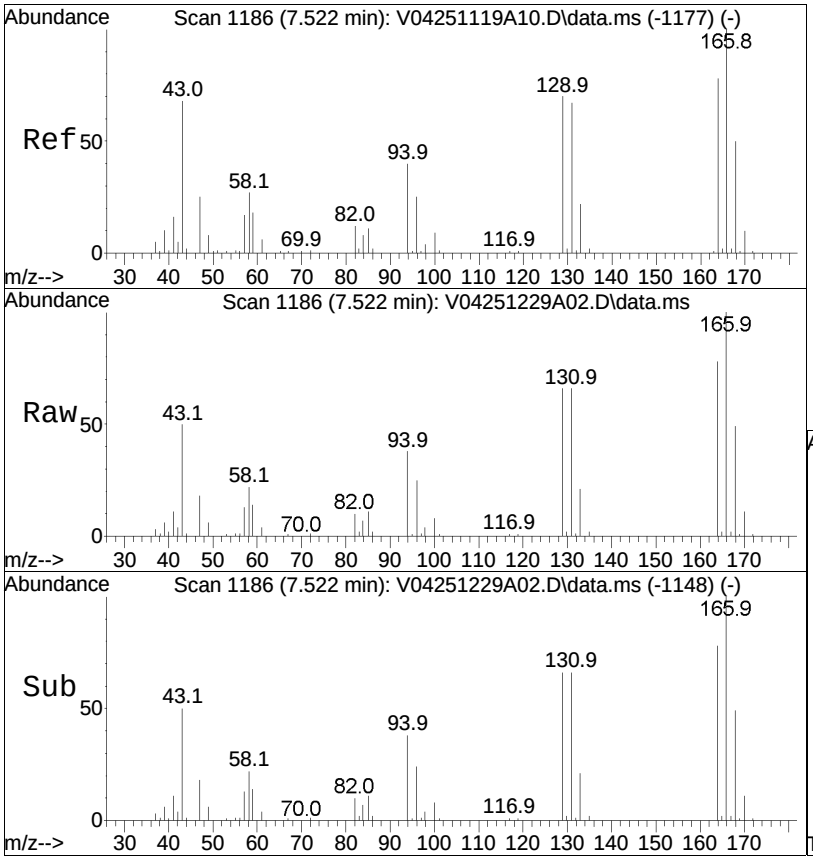


#61
Toluene
Concen: 43.81 ug/L
RT: 7.076 min Scan# 1101
Delta R.T. -0.005 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 92 Resp: 460240

Ion	Ratio	Lower	Upper
92	100		
91	171.3	135.8	203.6

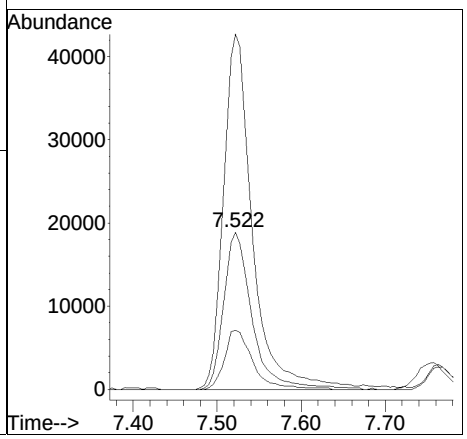


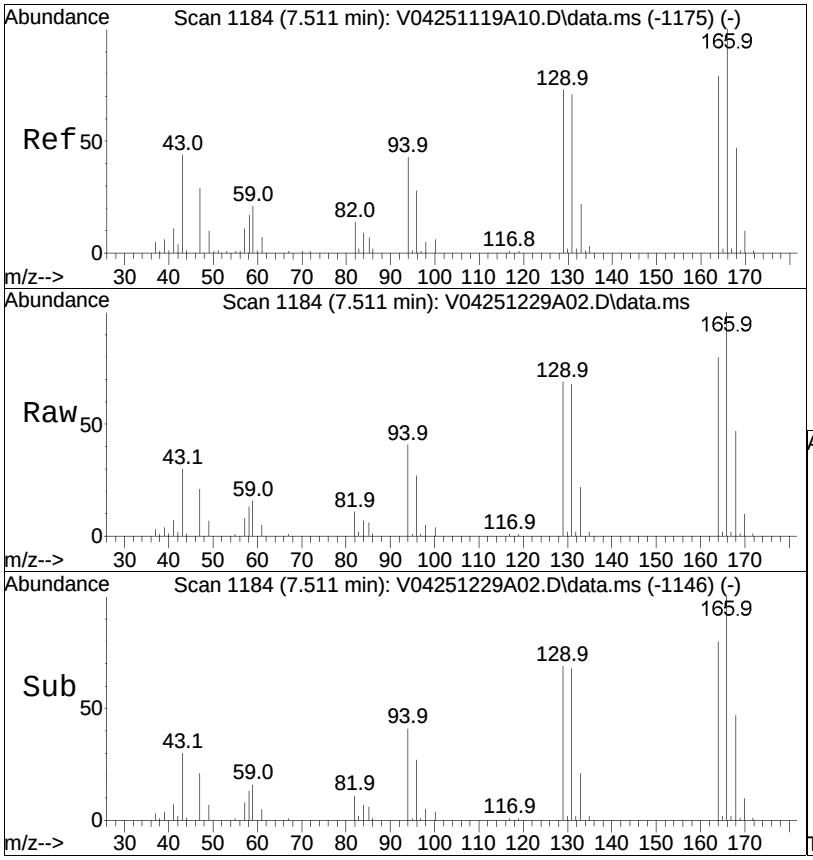


#62
4-Methyl-2-pentanone
Concen: 38.81 ug/L
RT: 7.522 min Scan# 1186
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 58 Resp: 44689

Ion	Ratio	Lower	Upper
58	100		
100	37.7	25.6	38.4
43	229.0	195.7	293.5

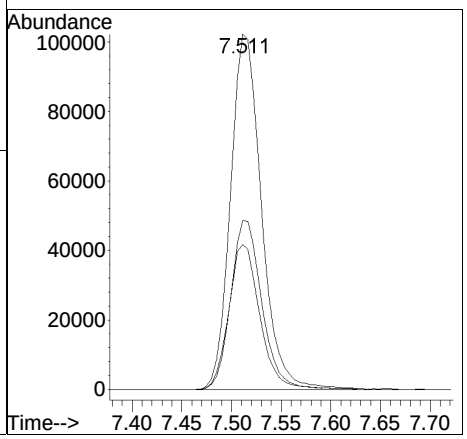


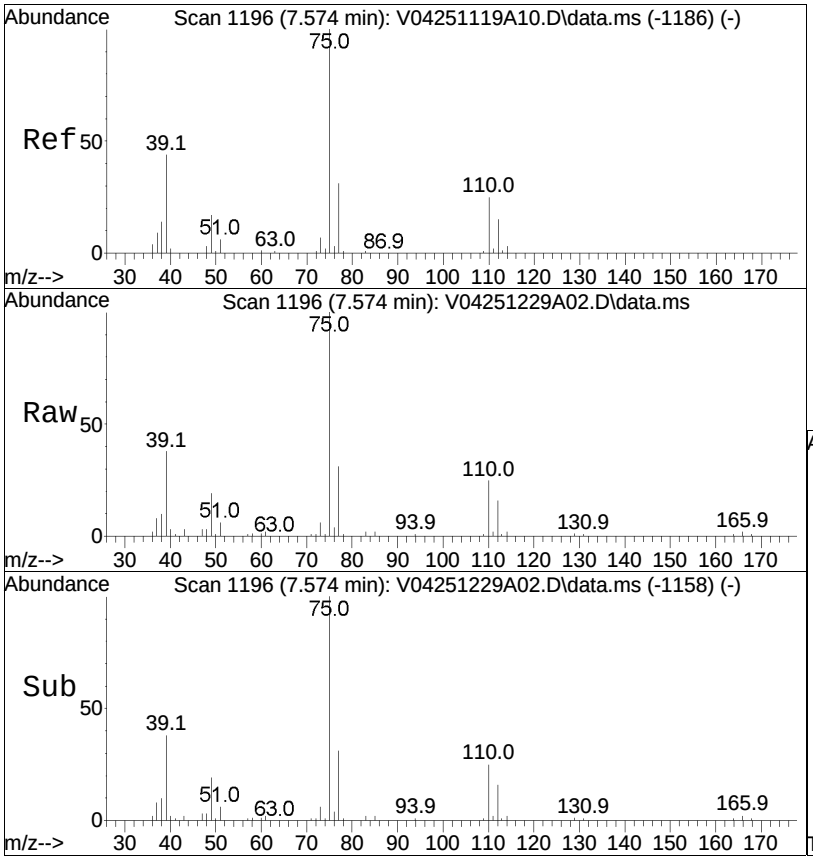


#63
Tetrachloroethene
Concen: 44.60 ug/L
RT: 7.511 min Scan# 1184
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:166 Resp: 222026

Ion	Ratio	Lower	Upper
166	100		
168	47.8	27.6	67.6
94	41.0	20.9	60.9

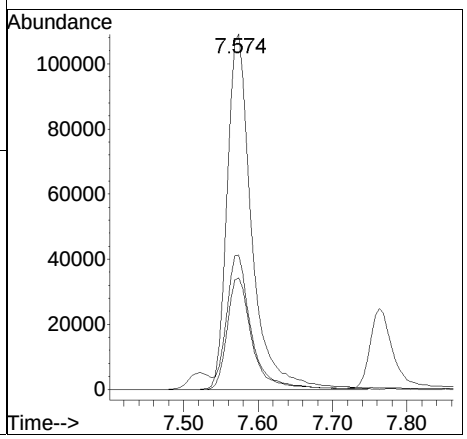


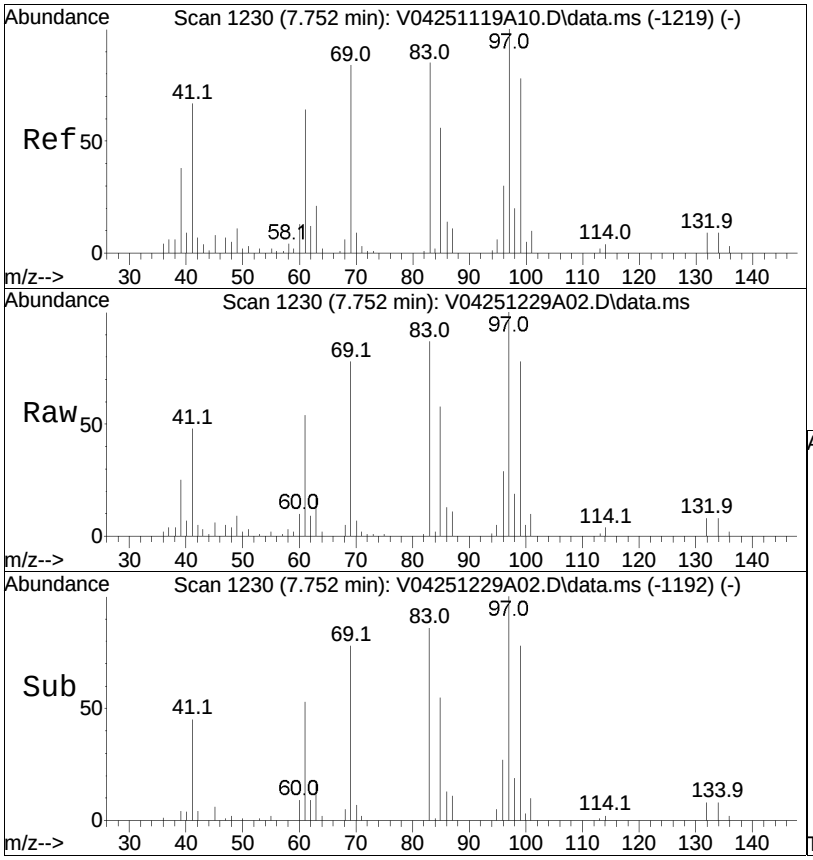


#65
trans-1,3-Dichloropropene
Concen: 44.06 ug/L
RT: 7.574 min Scan# 1196
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 75 Resp: 251170

Ion	Ratio	Lower	Upper
75	100		
77	31.7	12.0	52.0
39	37.2	29.3	69.3

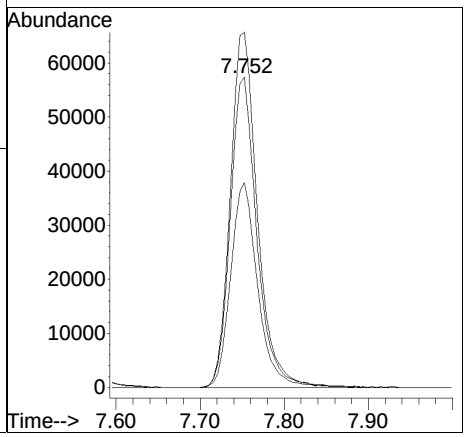


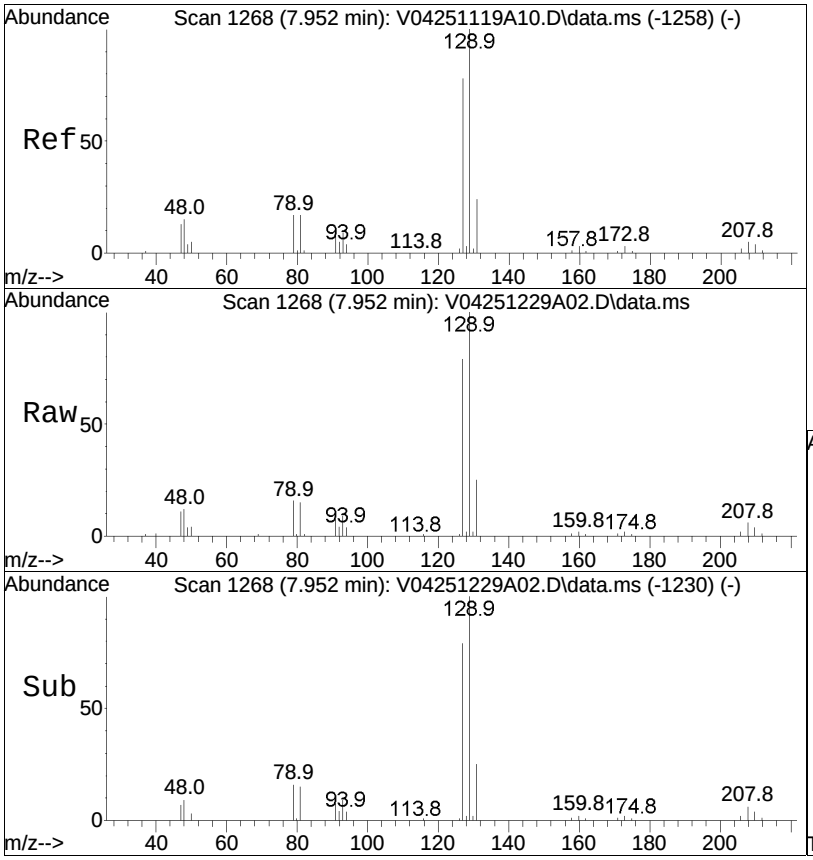


#68
1,1,2-Trichloroethane
Concen: 40.65 ug/L
RT: 7.752 min Scan# 1230
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 83 Resp: 126698

Ion	Ratio	Lower	Upper
83	100		
97	116.1	99.3	139.3
85	66.9	47.8	87.8

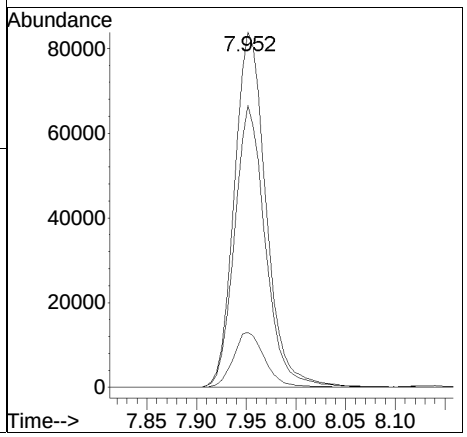


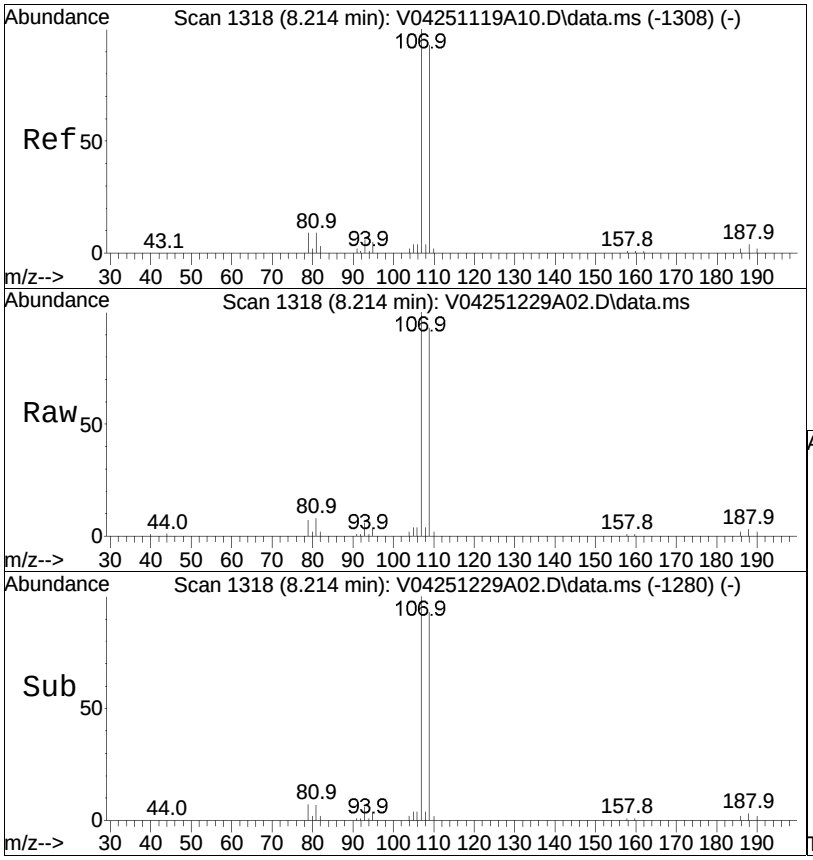


#69
Chlorodibromomethane
Concen: 38.75 ug/L
RT: 7.952 min Scan# 1268
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:129 Resp: 186712

Ion	Ratio	Lower	Upper
129	100		
81	15.5	0.0	34.6
127	77.3	56.9	96.9

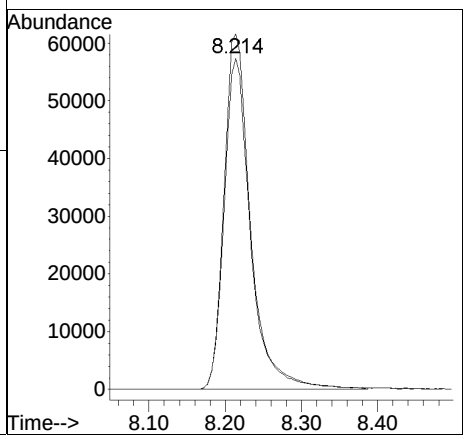


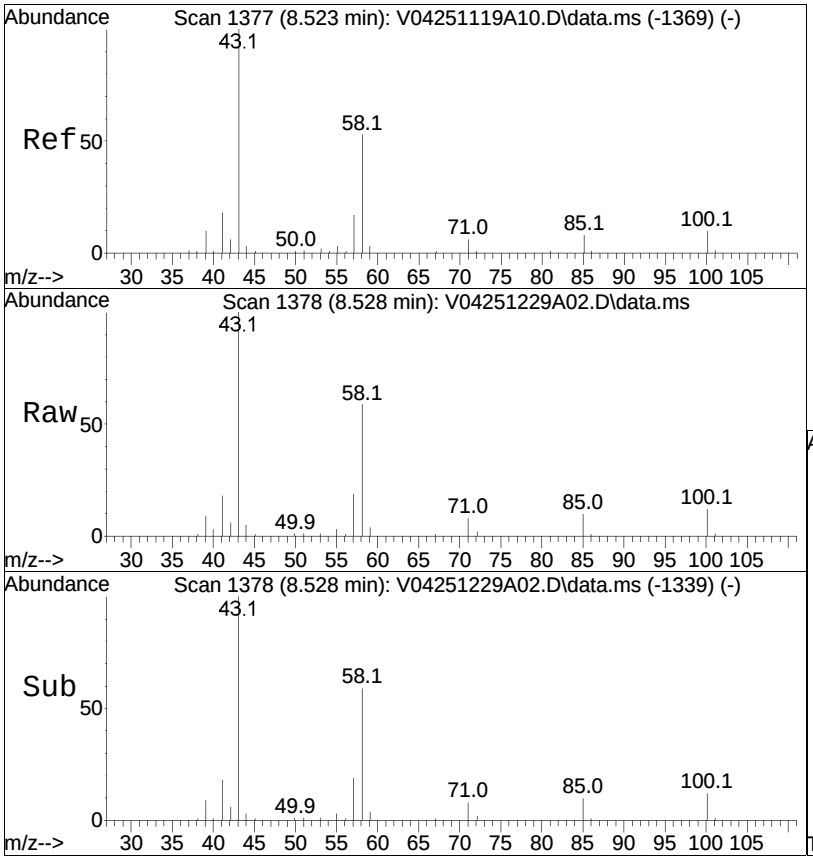


#71
1,2-Dibromoethane
Concen: 43.74 ug/L
RT: 8.214 min Scan# 1318
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:107 Resp: 150070

Ion	Ratio	Lower	Upper
107	100		
109	92.5	75.4	113.0

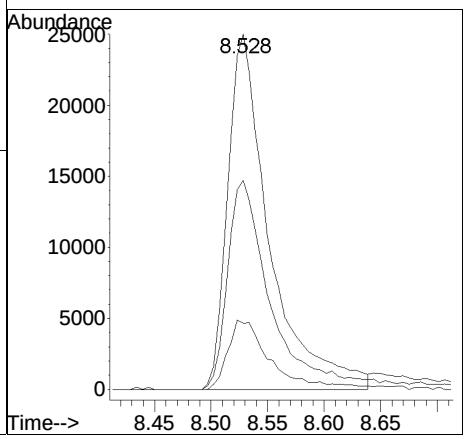


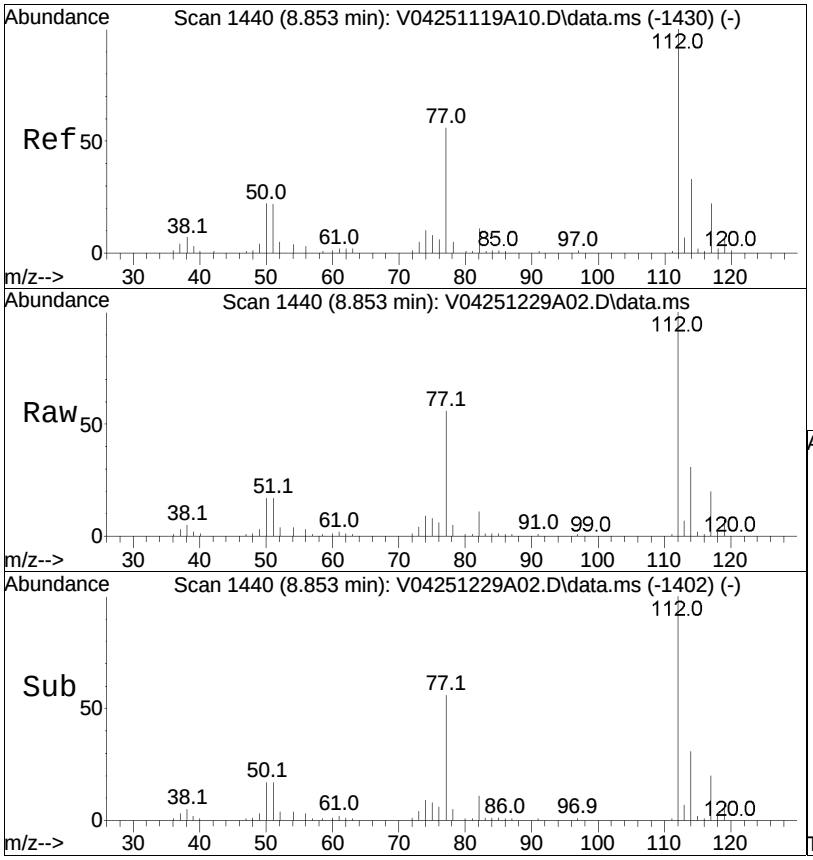


#72
2-Hexanone
Concen: 32.76 ug/L
RT: 8.528 min Scan# 1378
Delta R.T. 0.005 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 43 Resp: 64182

Ion	Ratio	Lower	Upper
43	100		
58	61.3	44.7	67.1
57	20.2	15.4	23.0

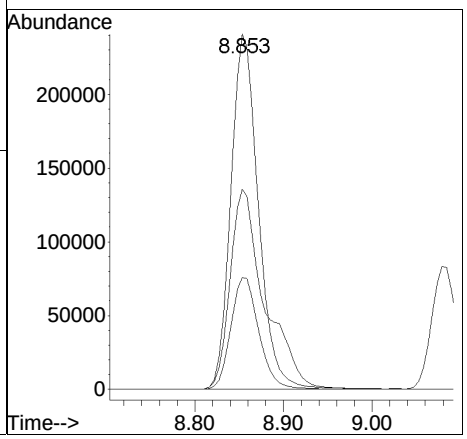


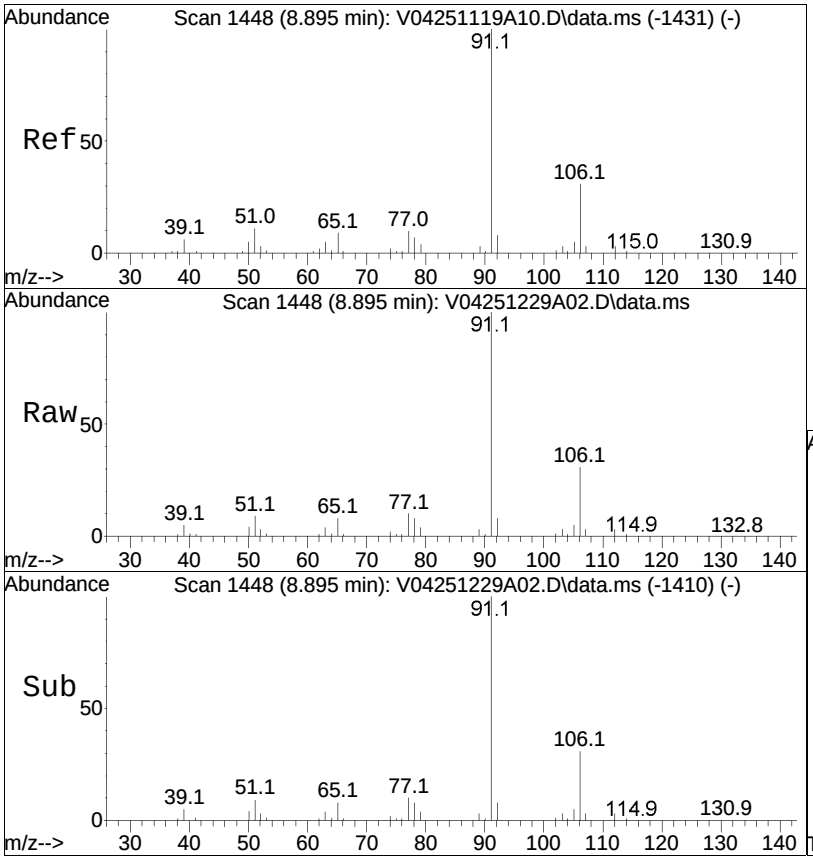


#73
Chlorobenzene
Concen: 44.08 ug/L
RT: 8.853 min Scan# 1440
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:112 Resp: 519813

Ion	Ratio	Lower	Upper
112	100		
77	71.1	55.3	82.9
114	32.2	25.5	38.3

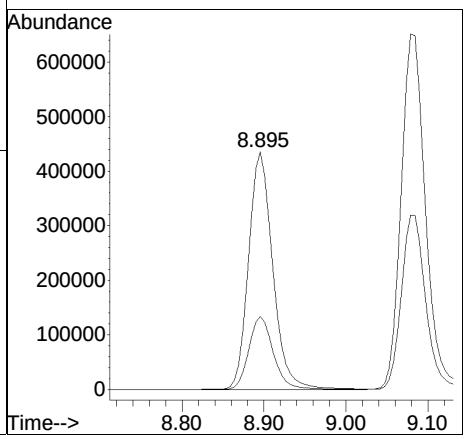


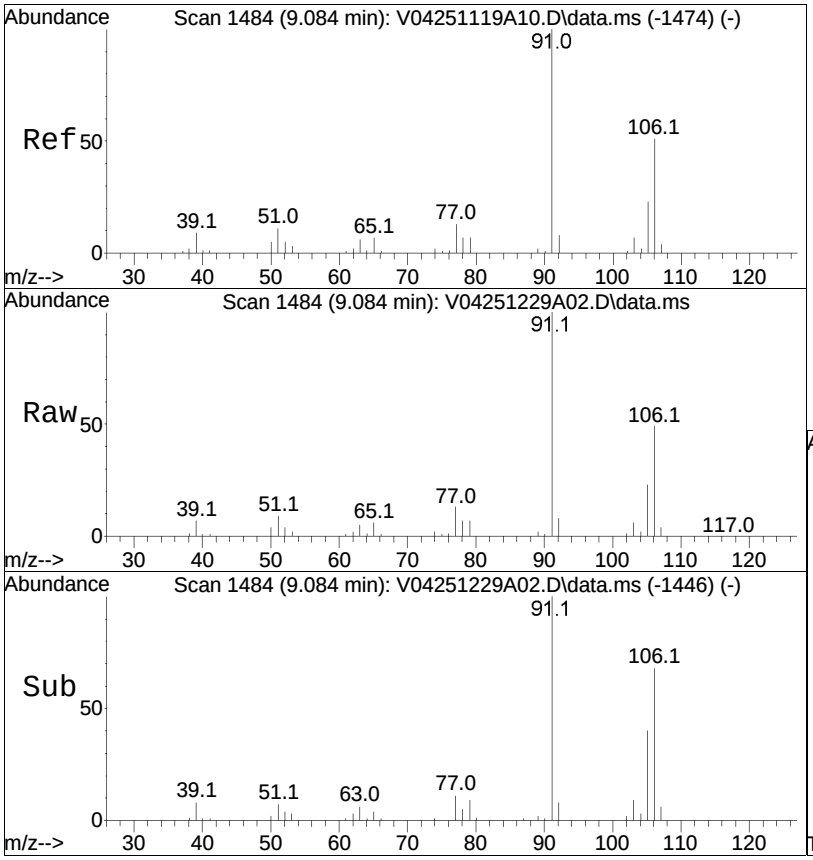


#74
Ethylbenzene
Concen: 47.48 ug/L
RT: 8.895 min Scan# 1448
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 91 Resp: 895327

Ion	Ratio	Lower	Upper
91	100		
106	31.0	25.4	38.2

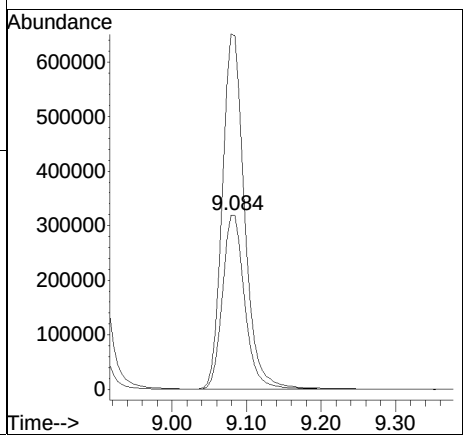


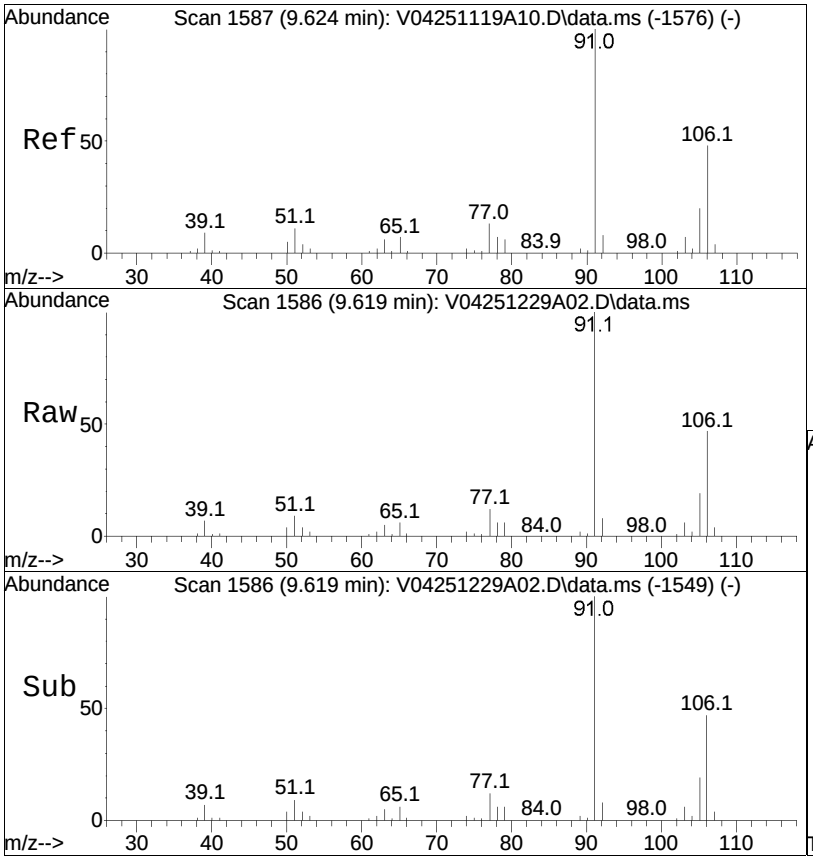


#76
p/m Xylene
Concen: 92.68 ug/L
RT: 9.084 min Scan# 1484
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:106 Resp: 663578

Ion	Ratio	Lower	Upper
106	100		
91	202.4	157.1	235.7

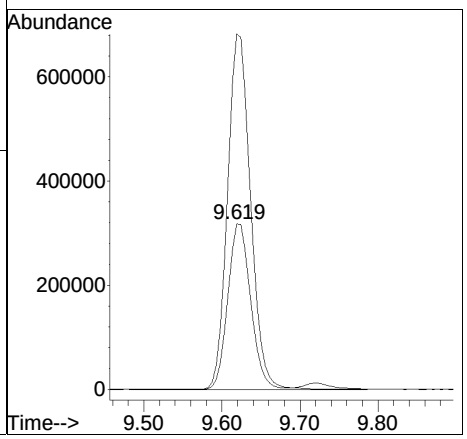


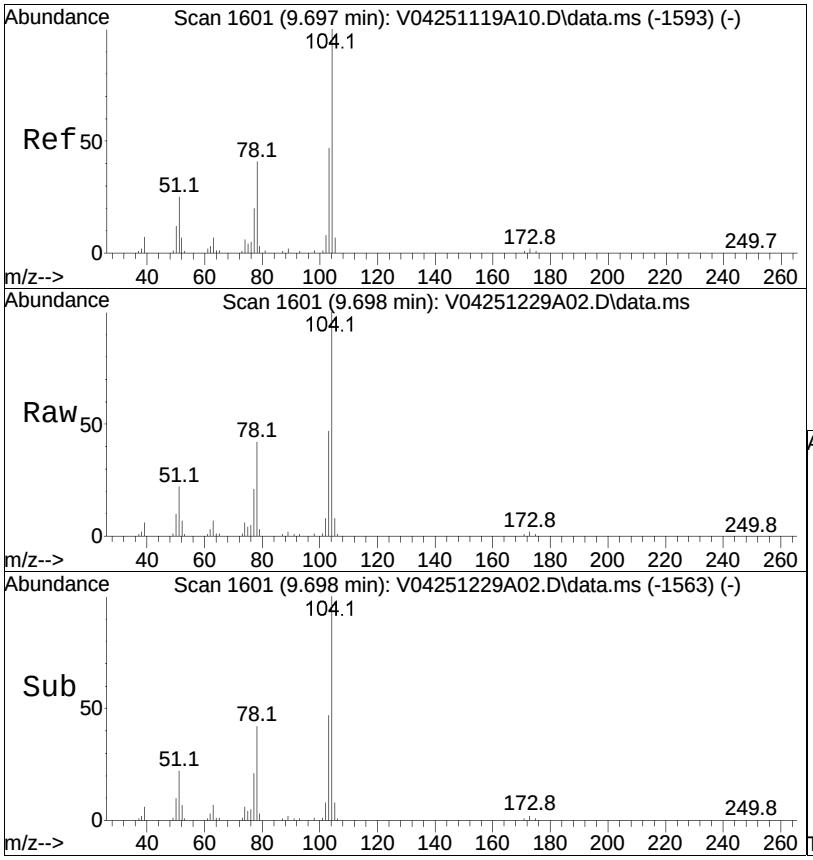


#77
o Xylene
Concen: 90.03 ug/L
RT: 9.619 min Scan# 1586
Delta R.T. -0.005 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:106 Resp: 653857

Ion	Ratio	Lower	Upper
106	100		
91	213.0	165.9	248.9

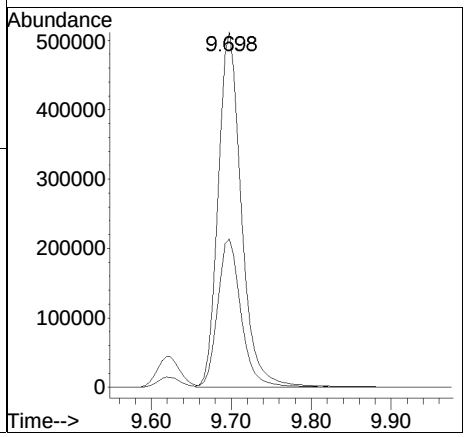


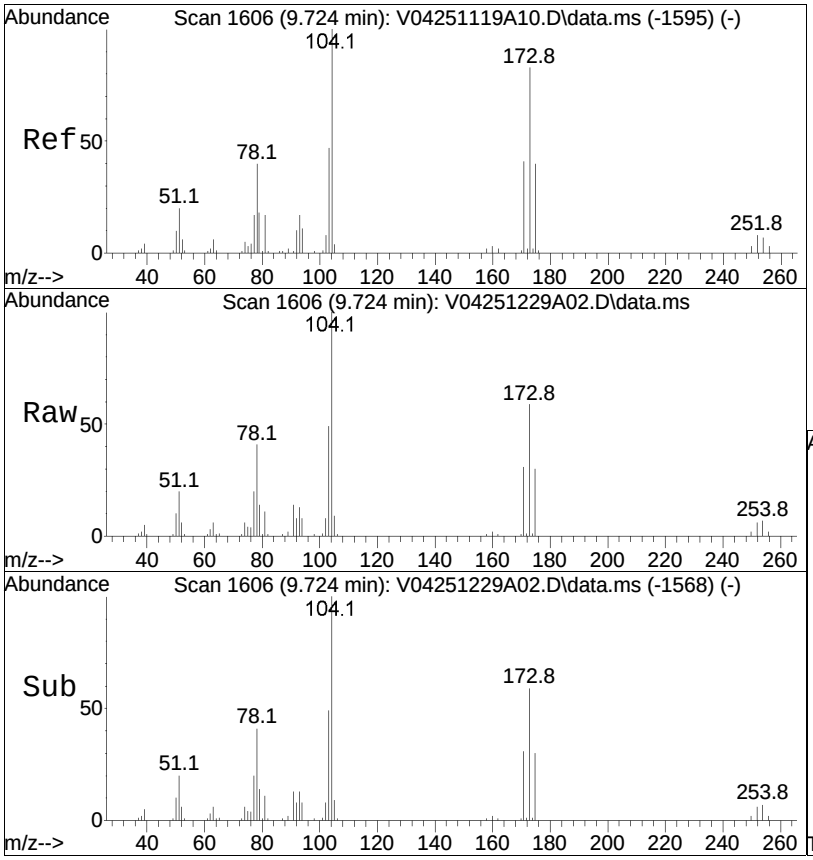


#78
Styrene
Concen: 87.71 ug/L
RT: 9.698 min Scan# 1601
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:104 Resp: 1030812

Ion	Ratio	Lower	Upper
104	100		
78	42.4	33.0	49.4

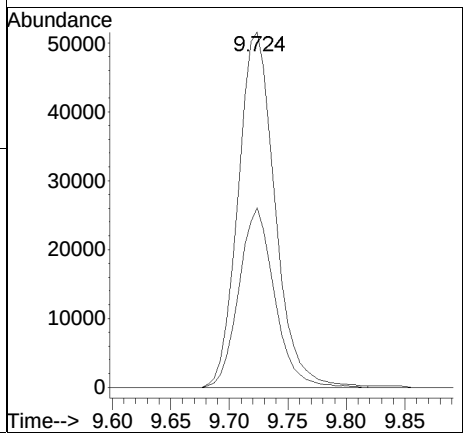


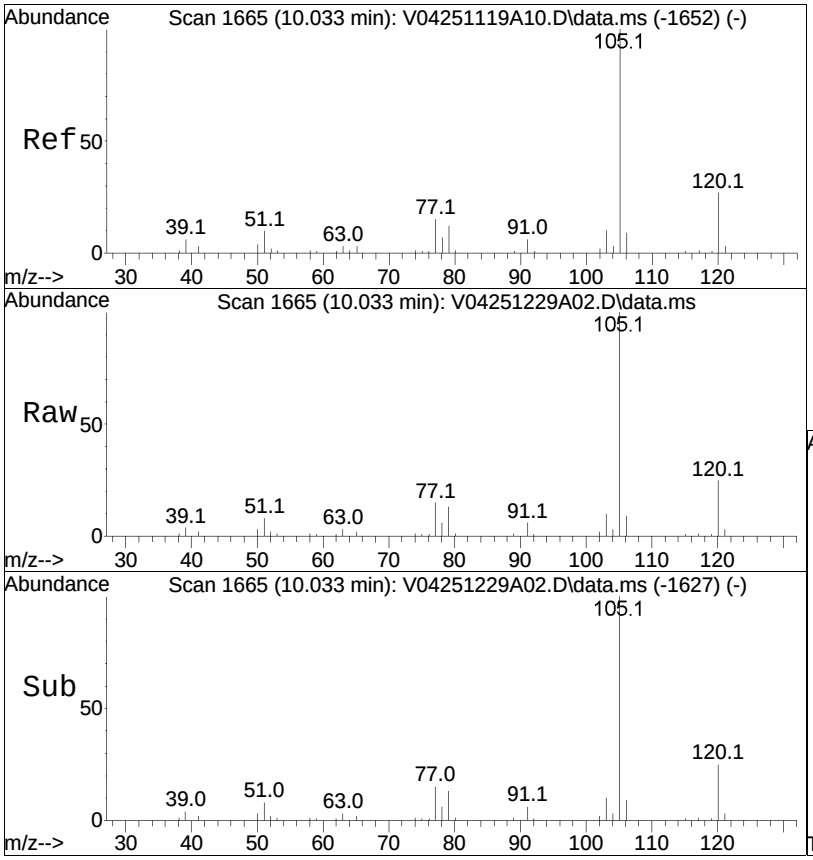


#80
Bromoform
Concen: 38.47 ug/L
RT: 9.724 min Scan# 1606
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:173 Resp: 112806

Ion	Ratio	Lower	Upper
173	100		
175	48.9	28.2	68.2

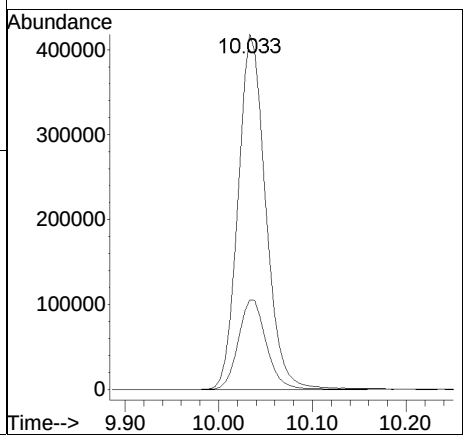


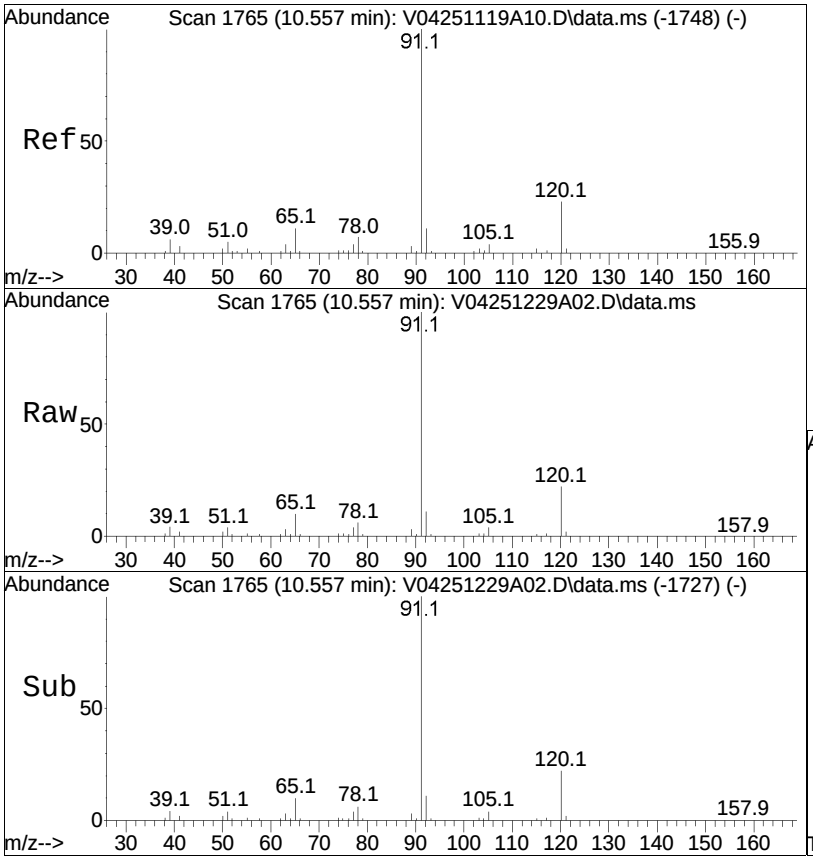


#82
Isopropylbenzene
Concen: 47.77 ug/L
RT: 10.033 min Scan# 1665
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:105 Resp: 854431

Ion	Ratio	Lower	Upper
105	100		
120	25.6	6.0	46.0

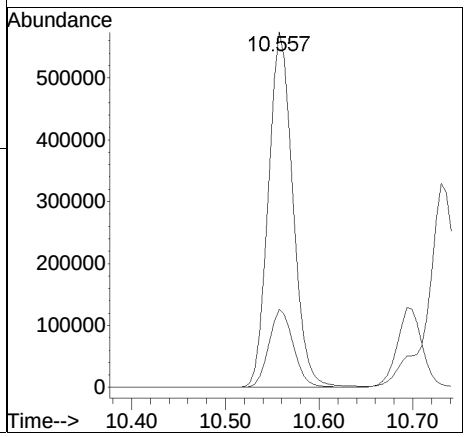


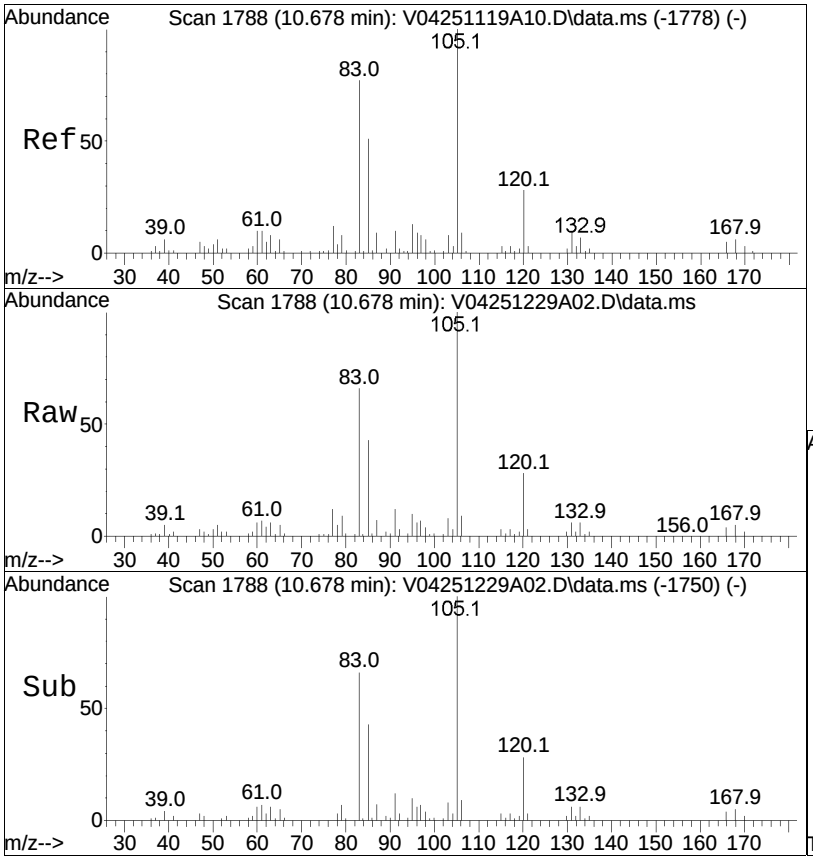


#85
n-Propylbenzene
Concen: 51.08 ug/L
RT: 10.557 min Scan# 1765
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 91 Resp: 1043447

Ion	Ratio	Lower	Upper
91	100		
120	22.0	18.9	28.3

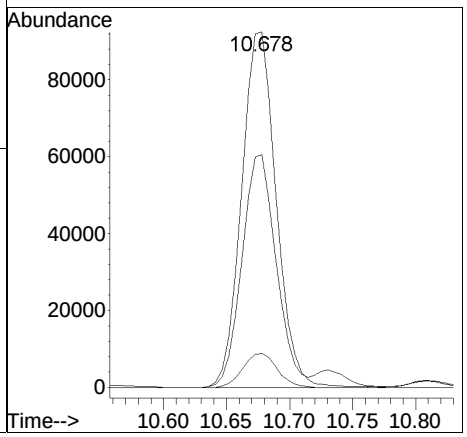


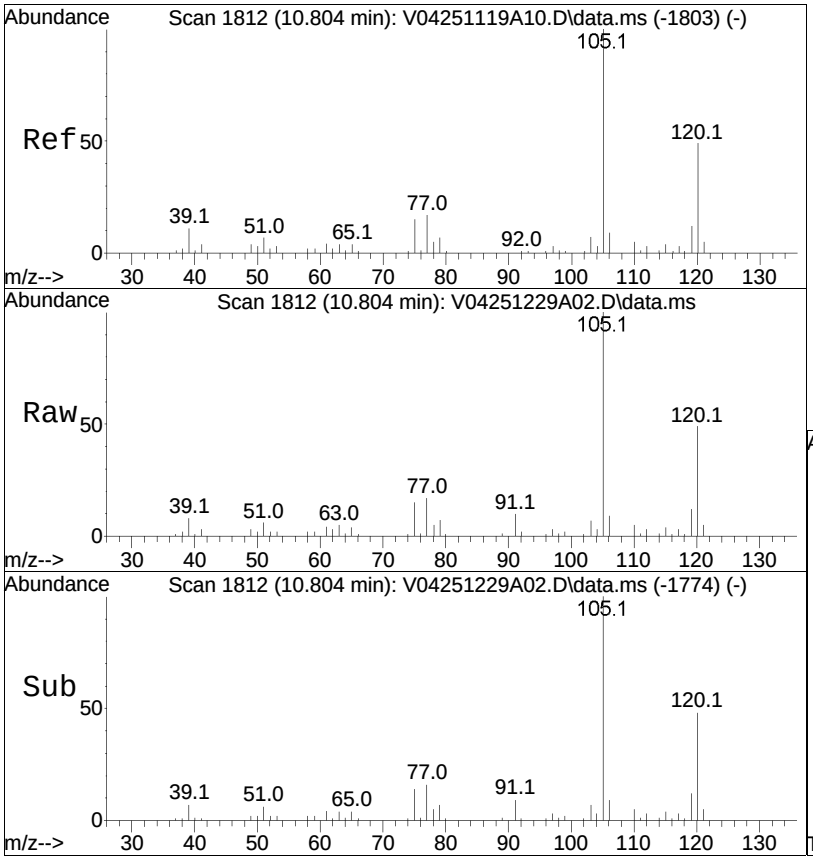


#87
1,1,2,2-Tetrachloroethane
Concen: 42.50 ug/L
RT: 10.678 min Scan# 1788
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 83 Resp: 176284

Ion	Ratio	Lower	Upper
83	100		
131	9.5	0.0	30.7
85	65.0	44.7	84.7

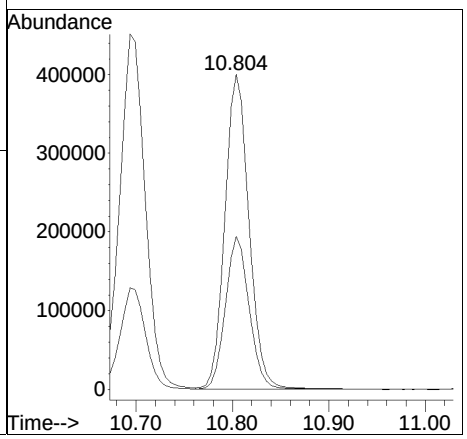


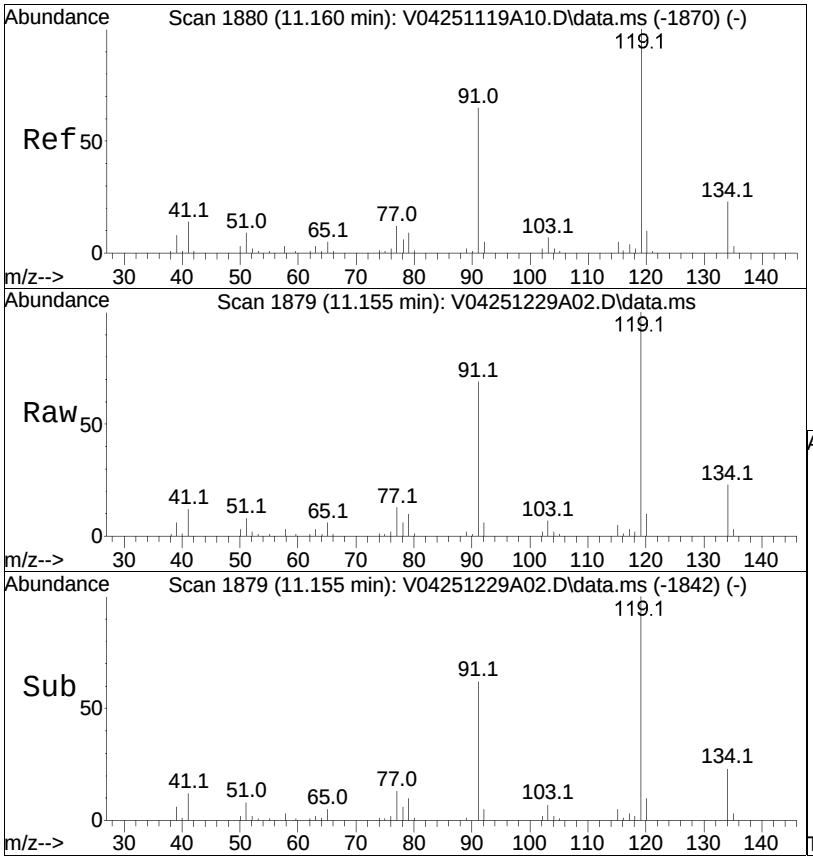


#90
1,3,5-Trimethylbenzene
Concen: 47.20 ug/L
RT: 10.804 min Scan# 1812
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:105 Resp: 694834

Ion	Ratio	Lower	Upper
105	100		
120	47.6	38.4	57.6

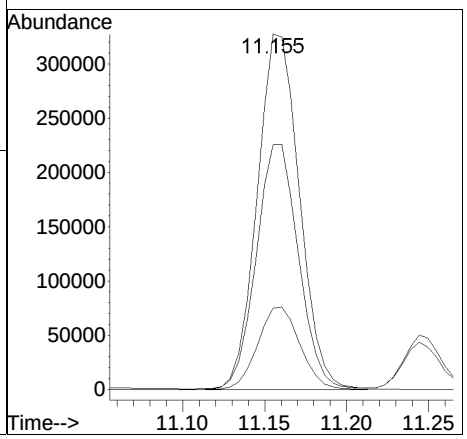


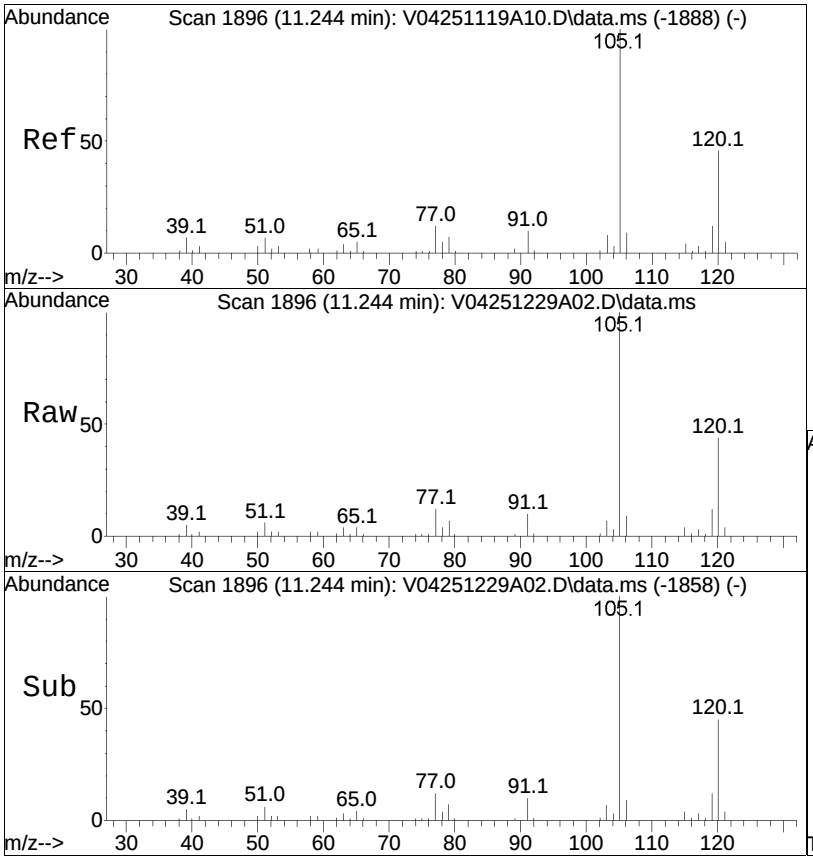


#94
tert-Butylbenzene
Concen: 45.74 ug/L
RT: 11.155 min Scan# 1879
Delta R.T. -0.005 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:119 Resp: 585206

Ion	Ratio	Lower	Upper
119	100		
91	68.6	53.0	79.6
134	23.2	19.6	29.4

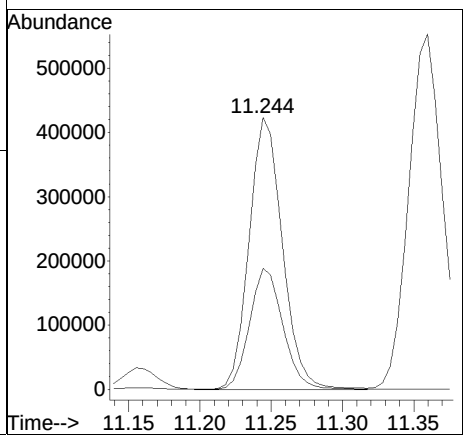


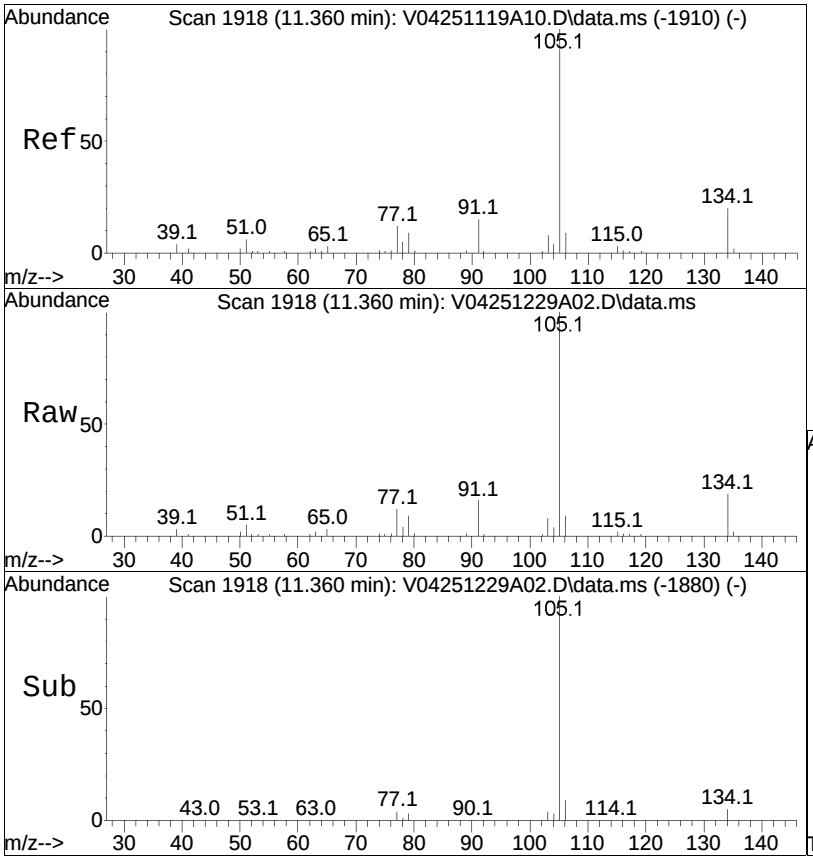


#97
1,2,4-Trimethylbenzene
Concen: 46.40 ug/L
RT: 11.244 min Scan# 1896
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:105 Resp: 688247

Ion	Ratio	Lower	Upper
105	100		
120	44.4	36.4	54.6

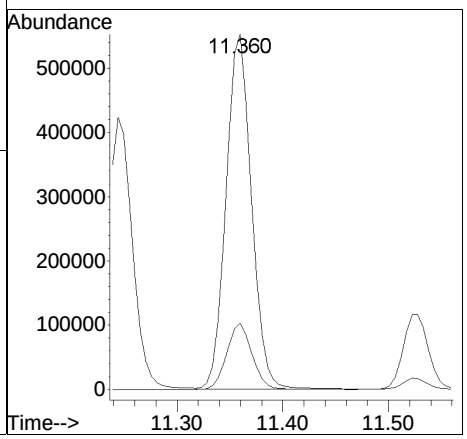


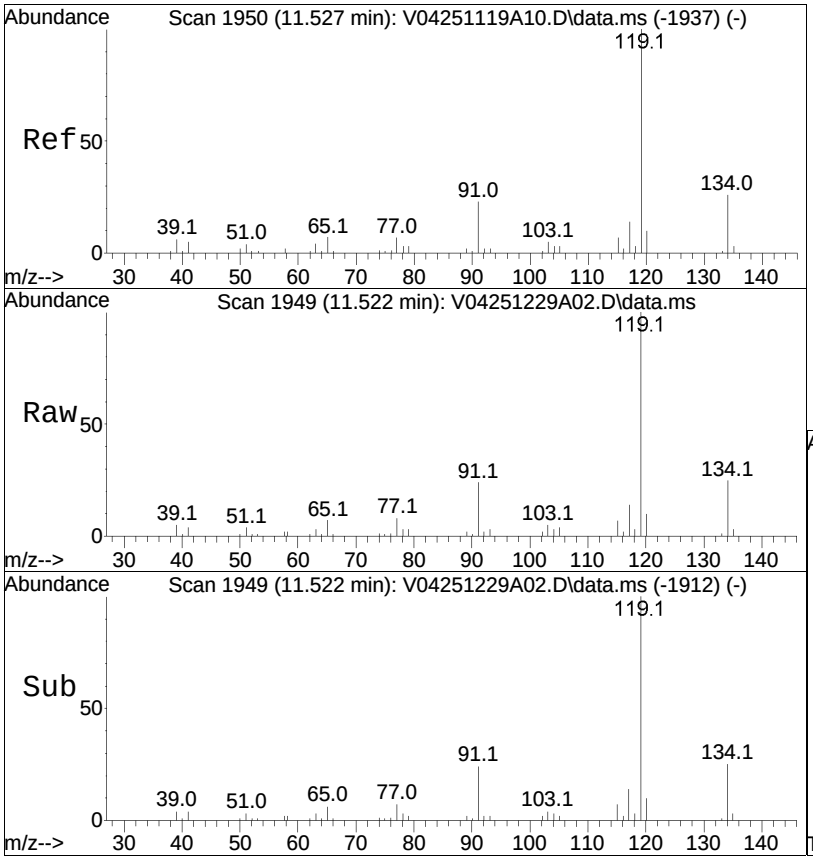


#98
sec-Butylbenzene
Concen: 49.12 ug/L
RT: 11.360 min Scan# 1918
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:105 Resp: 920908

Ion	Ratio	Lower	Upper
105	100		
134	18.5	12.9	26.9

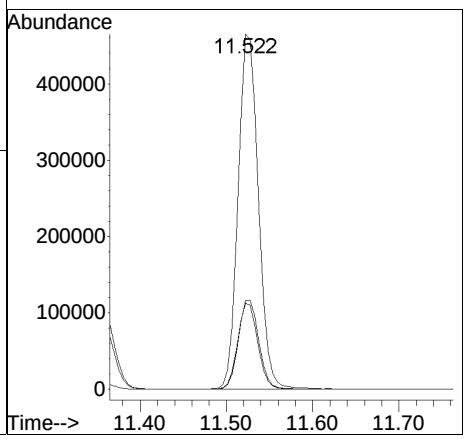


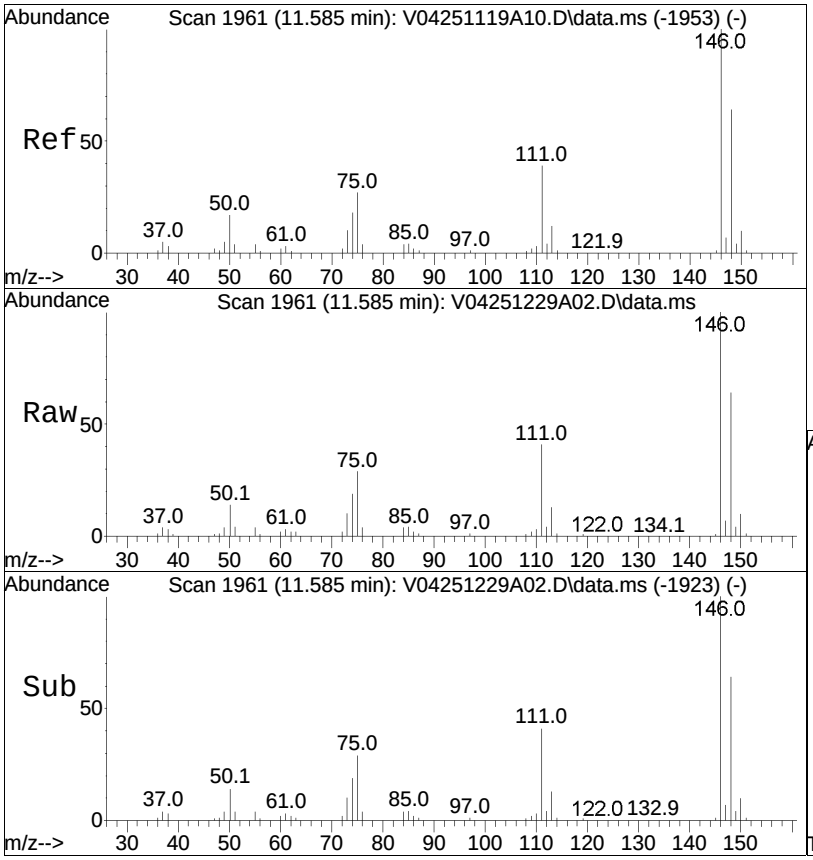


#99
p-Isopropyltoluene
Concen: 47.20 ug/L
RT: 11.522 min Scan# 1949
Delta R.T. -0.005 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:119 Resp: 765220

Ion	Ratio	Lower	Upper
119	100		
134	25.4	17.1	35.5
91	23.8	14.8	30.6

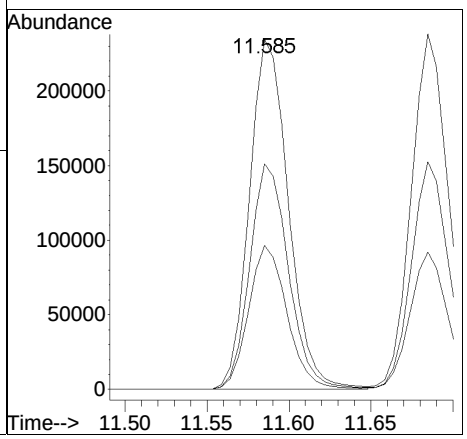


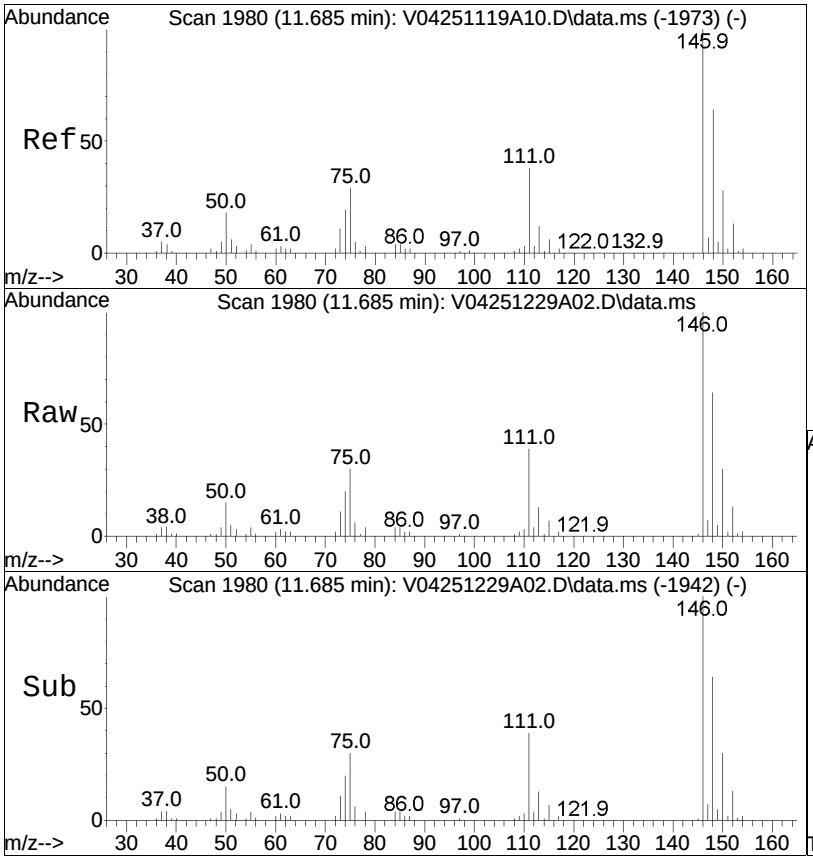


#100
1,3-Dichlorobenzene
Concen: 44.22 ug/L
RT: 11.585 min Scan# 1961
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:146 Resp: 388990

Ion	Ratio	Lower	Upper
146	100		
111	40.5	24.8	51.6
148	64.1	41.6	86.4

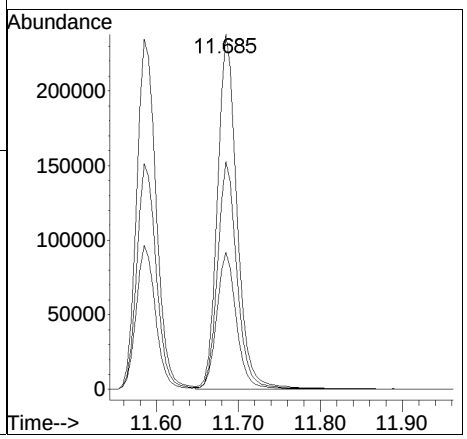


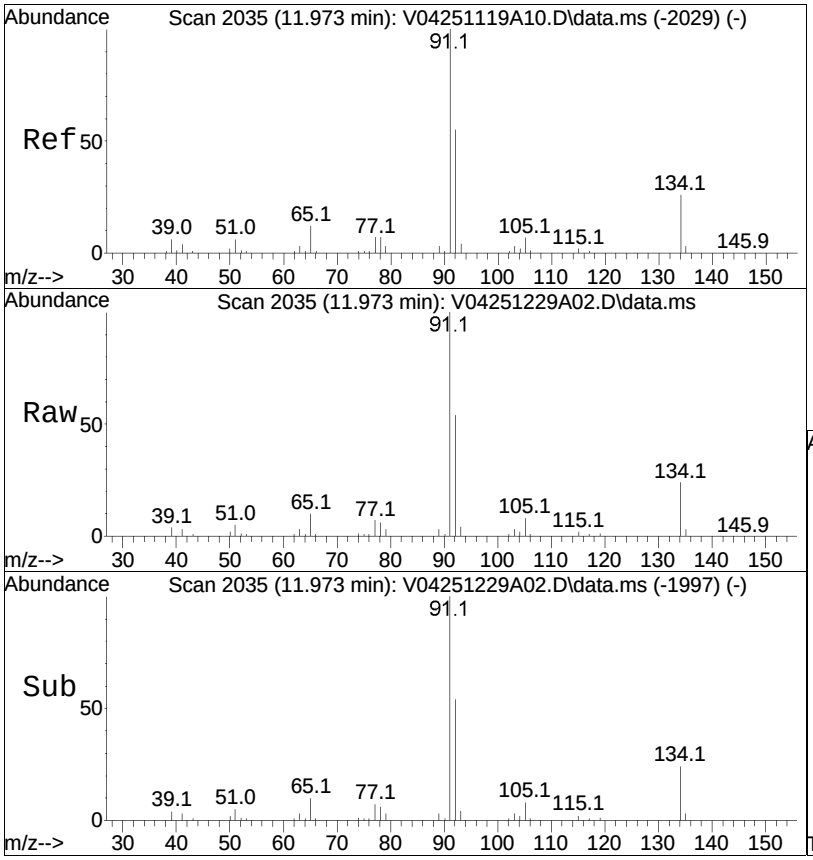


#101
1,4-Dichlorobenzene
Concen: 43.16 ug/L
RT: 11.685 min Scan# 1980
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:146 Resp: 394736

Ion	Ratio	Lower	Upper
146	100		
111	38.9	30.2	45.2
148	63.8	50.6	76.0

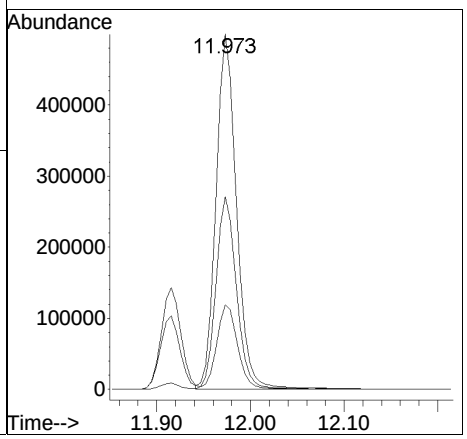


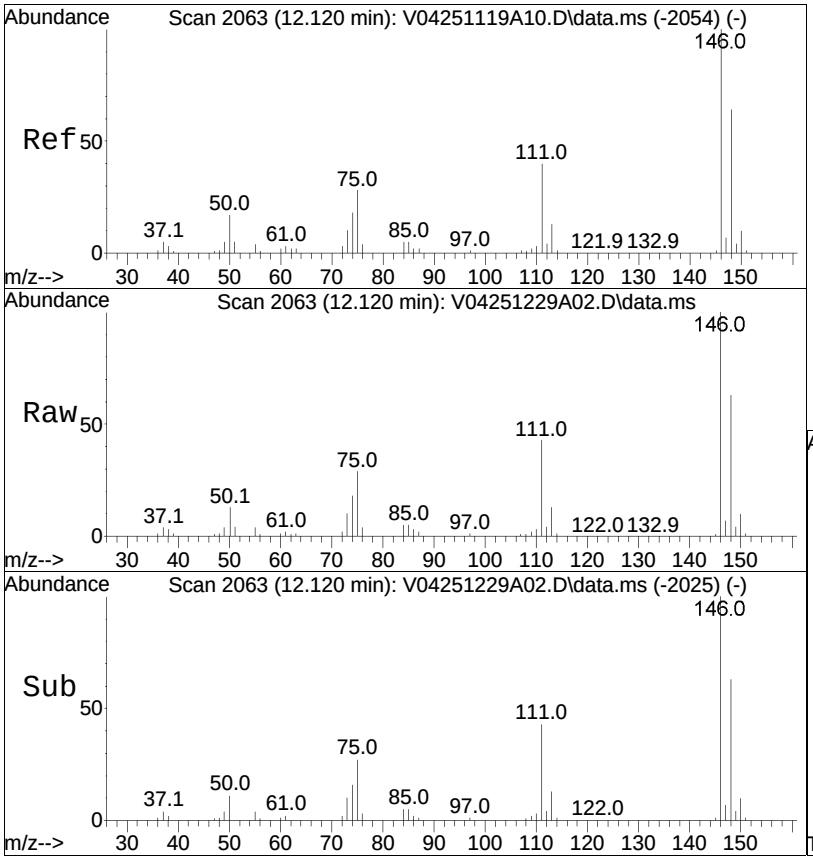


#103
n-Butylbenzene
Concen: 52.54 ug/L
RT: 11.973 min Scan# 2035
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion: 91 Resp: 759738

Ion	Ratio	Lower	Upper
91	100		
92	54.3	43.4	65.2
134	24.0	21.5	32.3

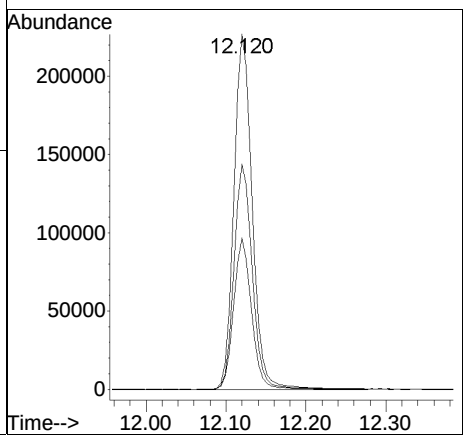


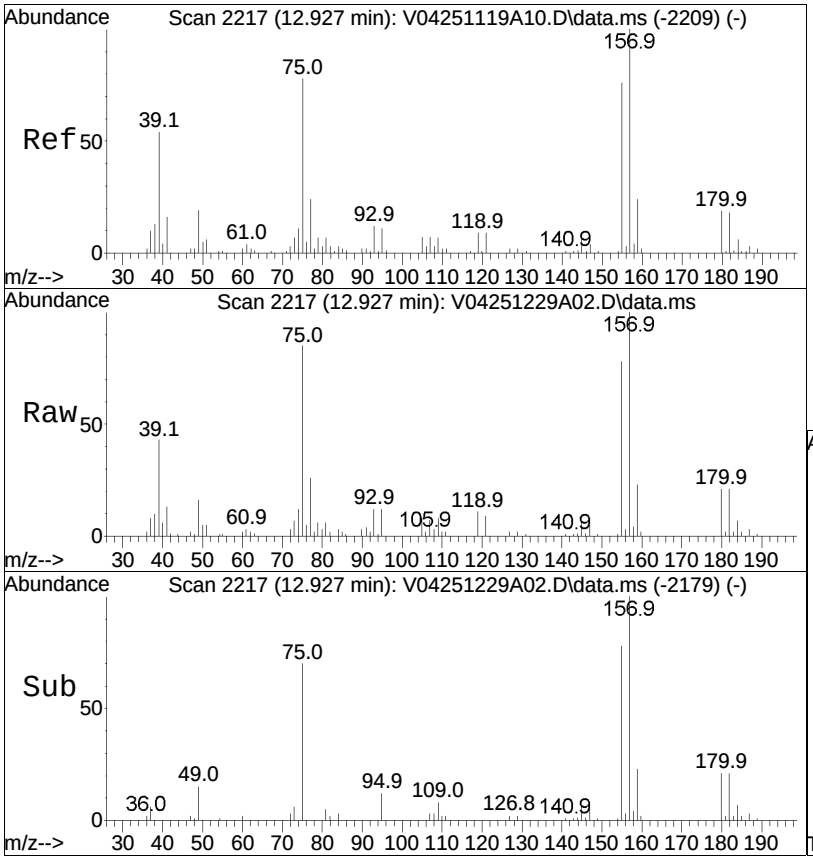


#104
1,2-Dichlorobenzene
Concen: 42.90 ug/L
RT: 12.120 min Scan# 2063
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:146 Resp: 362451

Ion	Ratio	Lower	Upper
146	100		
111	41.6	25.5	52.9
148	63.4	40.8	84.8

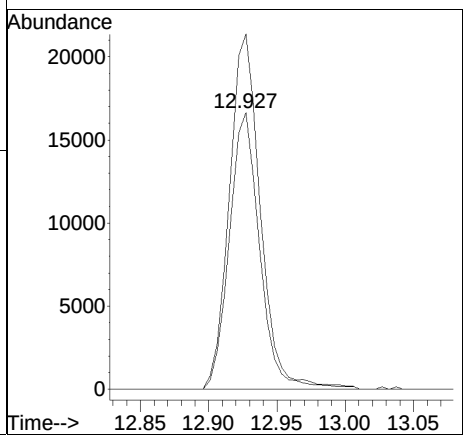


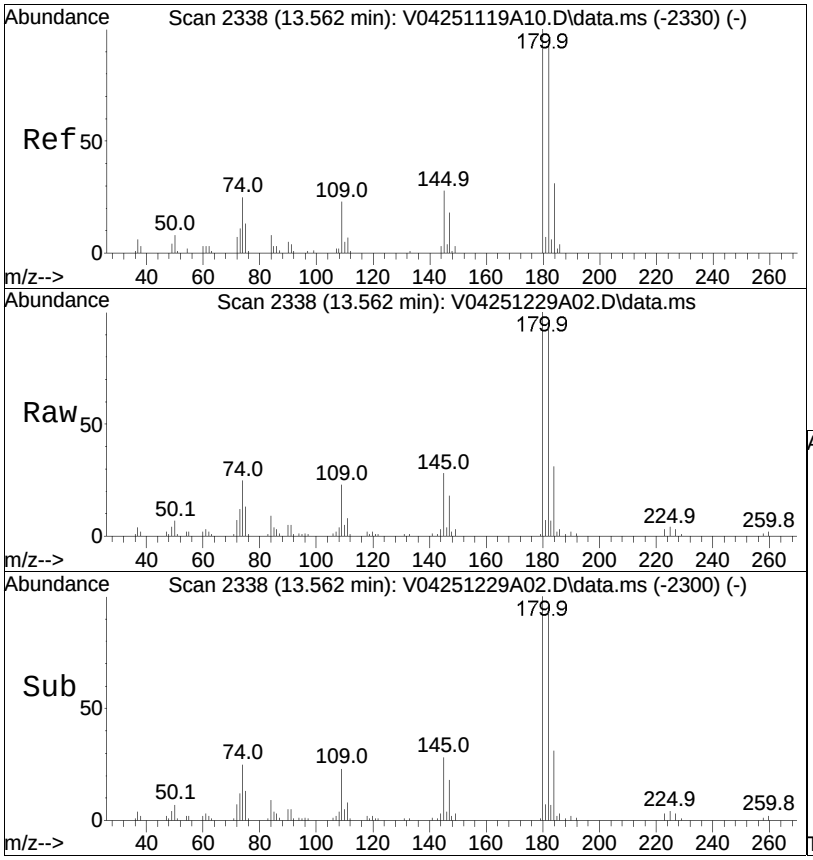


#106
1,2-Dibromo-3-chloropropane
Concen: 38.19 ug/L
RT: 12.927 min Scan# 2217
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:155 Resp: 25875

Ion	Ratio	Lower	Upper
155	100		
157	131.1	103.2	154.8

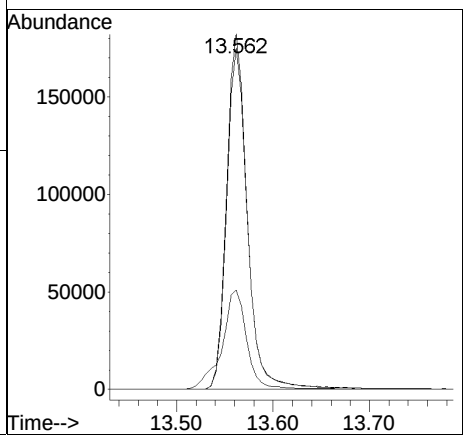


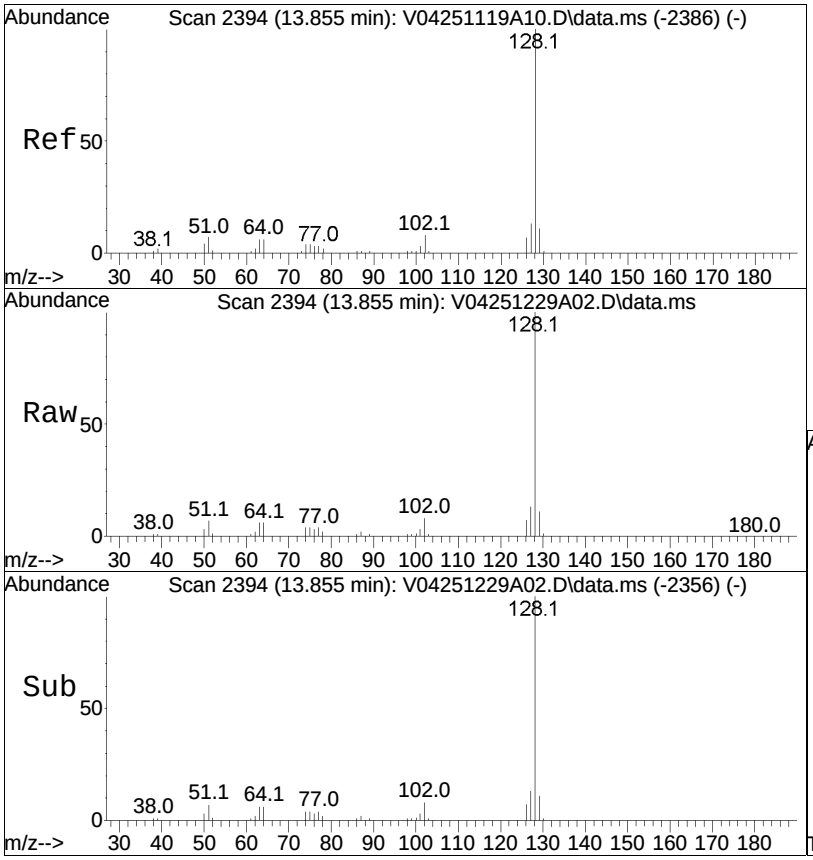


#109
1,2,4-Trichlorobenzene
Concen: 49.28 ug/L
RT: 13.562 min Scan# 2338
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:180 Resp: 274497

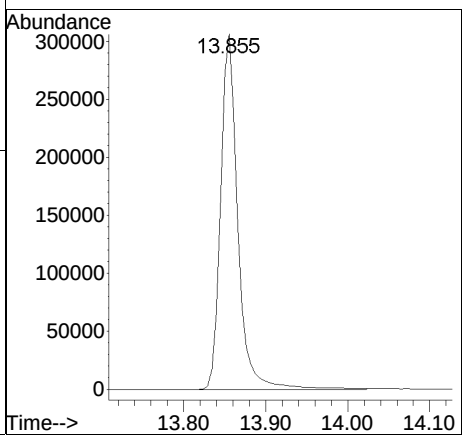
Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.0	115.4
145	33.6	28.4	42.6





#110
Naphthalene
Concen: 44.42 ug/L
RT: 13.855 min Scan# 2394
Delta R.T. 0.000 min
Lab File: V04251229A02.D
Acq: 29 Dec 2025 5:44 am

Tgt Ion:128 Resp: 447121



Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A02.D
Acq On : 31 Dec 2025 07:18 am
Operator : VOA123:AJK
Sample : WG2160756-4,31H,15,15,0.100
Misc : WG2160756,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 31 08:36:52 2025
Quant Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251231A\V23251231A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.520	96	132040	20.000	ug/L	0.00
Standard Area 1 = 133028			Recovery = 99.26%			
59) Chlorobenzene-d5	8.992	117	99244	20.000	ug/L	0.00
Standard Area 1 = 99393			Recovery = 99.85%			
79) 1,4-Dichlorobenzene-d4	11.800	152	56314	20.000	ug/L	0.00
Standard Area 1 = 56524			Recovery = 99.63%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.734	113	34584	20.794	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.97%			
43) 1,2-Dichloroethane-d4	5.241	65	36274	21.308	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.54%			
60) Toluene-d8	7.174	98	128751	19.184	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.92%			
83) 4-Bromofluorobenzene	10.540	95	46981	18.661	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 93.31%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.466	85	49846M1	34.274	ug/L	
3) Chloromethane	1.661	50	63419M1	40.092	ug/L	
4) Vinyl chloride	1.691	62	52049M1	30.314	ug/L	
5) Bromomethane	1.962	94	39041	35.549	ug/L	99
6) Chloroethane	2.068	64	31677	26.620	ug/L	87
7) Trichlorofluoromethane	2.193	101	97356M1	37.486	ug/L	
10) 1,1-Dichloroethene	2.631	96	53974	39.281	ug/L	81
11) Carbon disulfide	2.656	76	189935	37.521	ug/L	97
12) Freon-113	2.662	101	58853	42.216	ug/L	94
15) Methylene chloride	3.130	84	69158	38.772	ug/L	79
17) Acetone	3.172	43	22133	53.095	ug/L	89
18) trans-1,2-Dichloroethene	3.278	96	64459	40.129	ug/L	88
19) Methyl acetate	3.281	43	33294	48.435	ug/L #	87
20) Methyl tert-butyl ether	3.362	73	191808	41.874	ug/L	93
23) 1,1-Dichloroethane	3.819	63	127626	43.207	ug/L	99
28) cis-1,2-Dichloroethene	4.310	96	72849	39.571	ug/L	89
31) Cyclohexane	4.500	56	112345	45.633	ug/L	85
32) Chloroform	4.567	83	130212	36.042	ug/L	97
34) Carbon tetrachloride	4.695	117	106563	45.528	ug/L	100
37) 1,1,1-Trichloroethane	4.753	97	116457	46.624	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A02.D
Acq On : 31 Dec 2025 07:18 am
Operator : VOA123:AJK
Sample : WG2160756-4,31H,15,15,0.100
Misc : WG2160756,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 31 08:36:52 2025
Quant Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251231A\V23251231A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) 2-Butanone	4.848	43	19080	38.049	ug/L	#	82
41) Benzene	5.110	78	250357	40.673	ug/L	#	93
44) 1,2-Dichloroethane	5.306	62	100759	44.876	ug/L		97
47) Methyl cyclohexane	5.682	83	105896	39.828	ug/L	#	79
48) Trichloroethene	5.693	95	70745	41.871	ug/L		98
51) 1,2-Dichloropropane	6.217	63	69733	41.155	ug/L		98
54) Bromodichloromethane	6.293	83	101707	42.751	ug/L		100
58) cis-1,3-Dichloropropene	6.970	75	110615	42.263	ug/L	#	90
61) Toluene	7.233	92	162664	38.556	ug/L		100
62) 4-Methyl-2-pentanone	7.668	58	18525	41.242	ug/L		86
63) Tetrachloroethene	7.676	166	79856	44.002	ug/L		99
65) trans-1,3-Dichloropropene	7.709	75	96980	40.810	ug/L		99
68) 1,1,2-Trichloroethane	7.891	83	45989	37.953	ug/L		99
69) Chlorodibromomethane	8.091	129	75224	43.215	ug/L		99
71) 1,2-Dibromoethane	8.362	107	54666	40.643	ug/L		100
72) 2-Hexanone	8.669	43	27813M1	34.495	ug/L		
73) Chlorobenzene	9.012	112	188503	39.098	ug/L	#	88
74) Ethylbenzene	9.054	91	321968	38.552	ug/L		98
76) p/m Xylene	9.240	106	242348	77.611	ug/L		93
77) o Xylene	9.781	106	239541	76.010	ug/L		95
78) Styrene	9.854	104	396020	74.577	ug/L		95
80) Bromoform	9.868	173	48963	40.056	ug/L		99
82) Isopropylbenzene	10.197	105	324580	38.450	ug/L		98
85) n-Propylbenzene	10.710	91	383710	38.183	ug/L		99
87) 1,1,2,2-Tetrachloroethane	10.805	83	67426	36.296	ug/L		98
90) 1,3,5-Trimethylbenzene	10.950	105	283284	38.188	ug/L		97
94) tert-Butylbenzene	11.301	119	241045	38.809	ug/L		98
97) 1,2,4-Trimethylbenzene	11.385	105	281550	38.186	ug/L		98
98) sec-Butylbenzene	11.496	105	352749	37.964	ug/L		100
99) p-Isopropyltoluene	11.661	119	311995	38.771	ug/L		97
100) 1,3-Dichlorobenzene	11.720	146	166432	38.684	ug/L		99
101) 1,4-Dichlorobenzene	11.817	146	166263	37.719	ug/L		99
103) n-Butylbenzene	12.107	91	286488	39.687	ug/L		98
104) 1,2-Dichlorobenzene	12.249	146	156762	38.871	ug/L		100
106) 1,2-Dibromo-3-chloropr...	13.047	155	11016	38.758	ug/L		98
109) 1,2,4-Trichlorobenzene	13.688	180	124398	42.803	ug/L		99
110) Naphthalene	13.978	128	213103	38.260	ug/L		100

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A02.D
Acq On : 31 Dec 2025 07:18 am
Operator : VOA123:AJK
Sample : WG2160756-4,31H,15,15,0.100
Misc : WG2160756,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 31 08:36:52 2025
Quant Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA123\2025\251231A\V23251231A01.D
Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

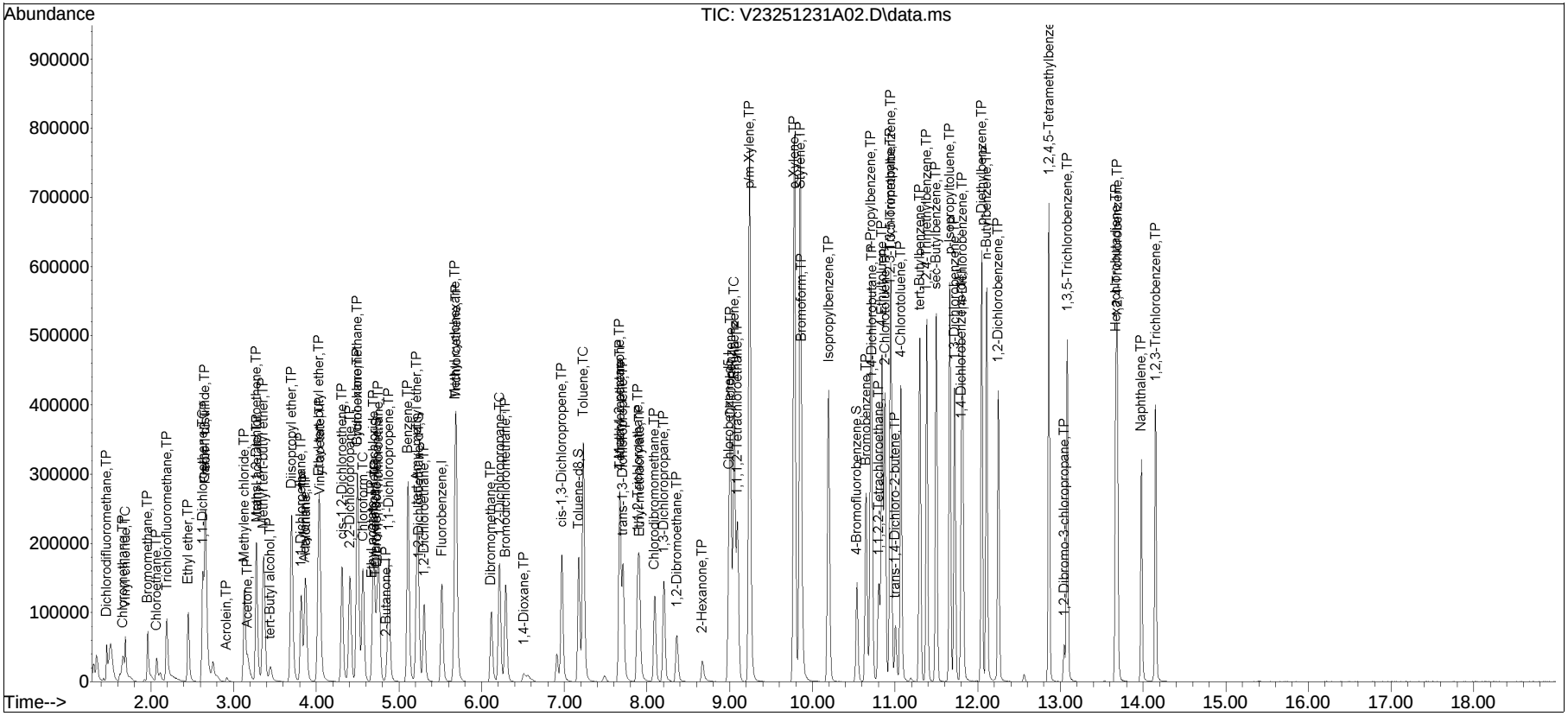
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

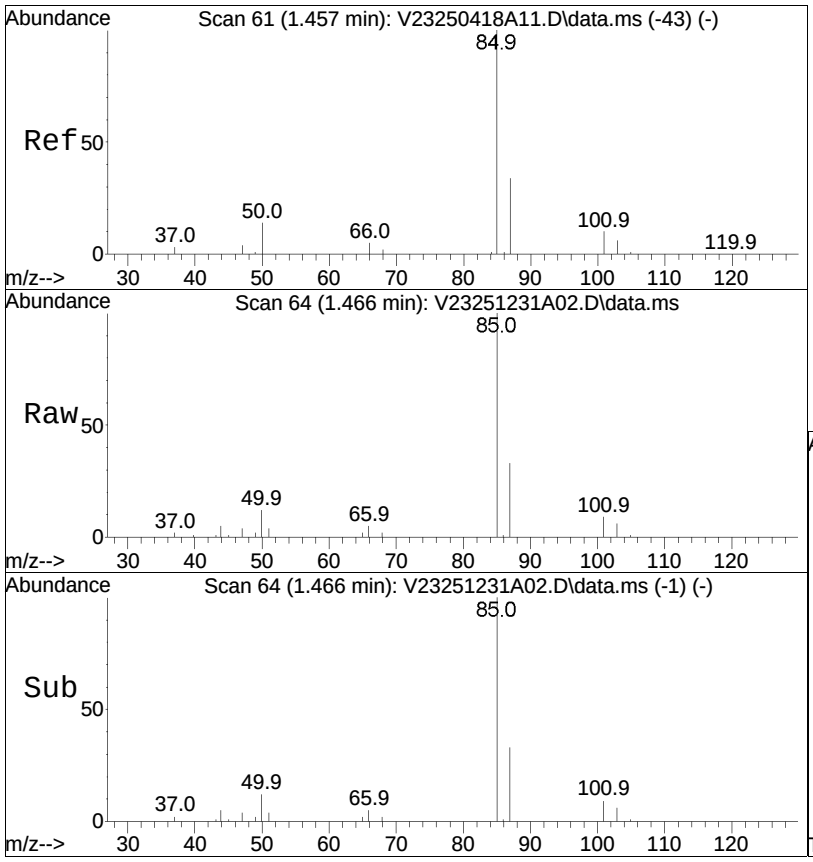
Quantitation Report (QT Reviewed)

Data Path : K:\VOA123\2025\251231A\
Data File : V23251231A02.D
Acq On : 31 Dec 2025 07:18 am
Operator : VOA123:AJK
Sample : WG2160756-4,31H,15,15,0.100
Misc : WG2160756,ICAL22792
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 31 08:36:52 2025
Quant Method : K:\VOA123\2025\251231A\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Sub List : 8260-Curve-IM-2CEVE - Megamix plus Diox-Iodomethane

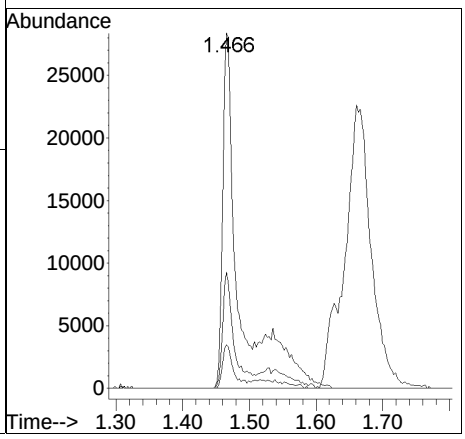


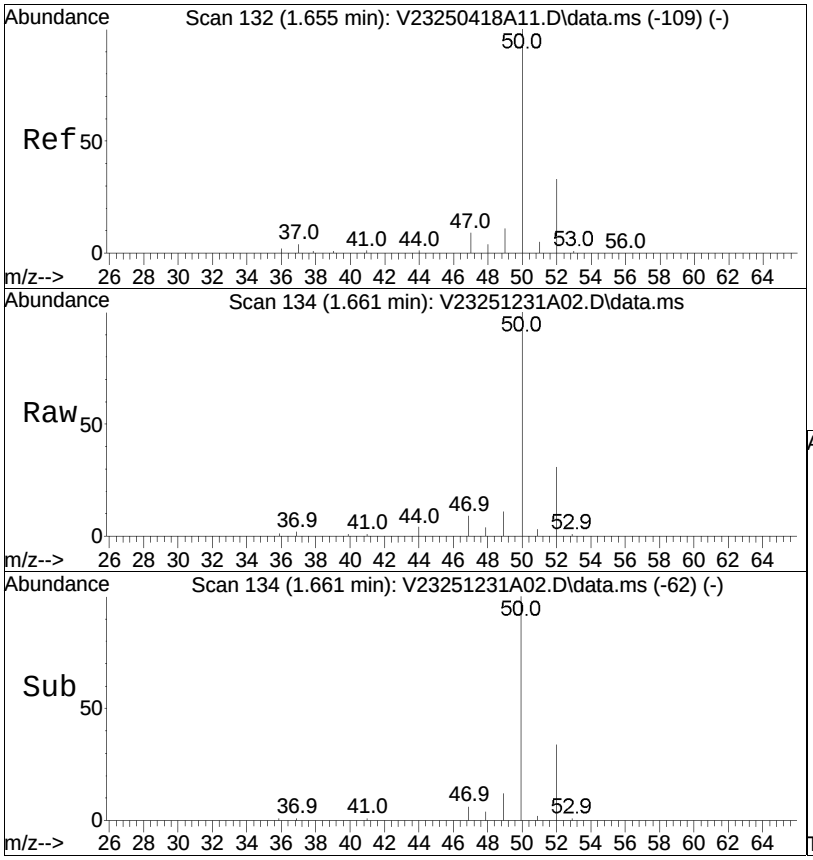


#2
Dichlorodifluoromethane
Concen: 34.27 ug/L M1
RT: 1.466 min Scan# 64
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 85 Resp: 49846

Ion	Ratio	Lower	Upper
85	100		
87	22.6	21.1	43.7
50	8.0	7.3	15.3

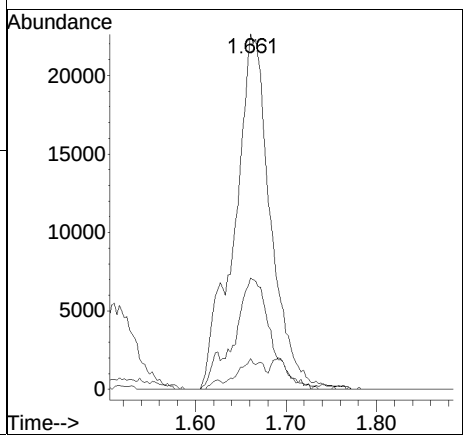


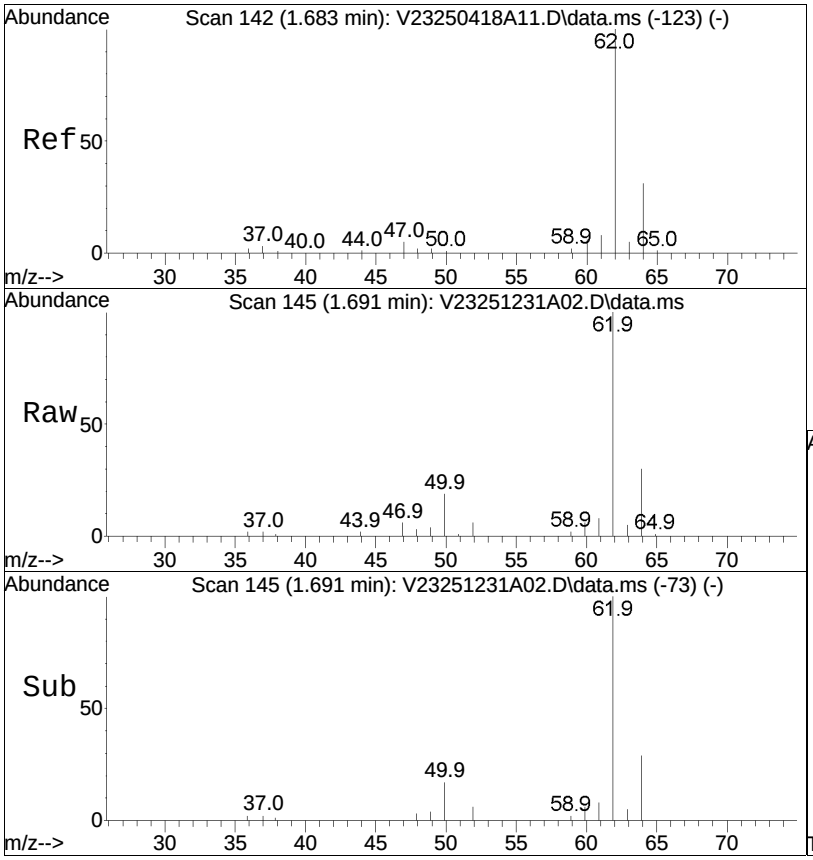


#3
Chloromethane
Concen: 40.09 ug/L M1
RT: 1.661 min Scan# 134
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 50 Resp: 63419

Ion	Ratio	Lower	Upper
50	100		
52	28.3	12.7	52.7
47	2.7	0.0	28.1

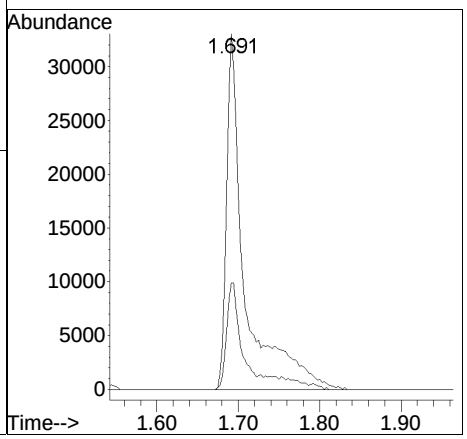


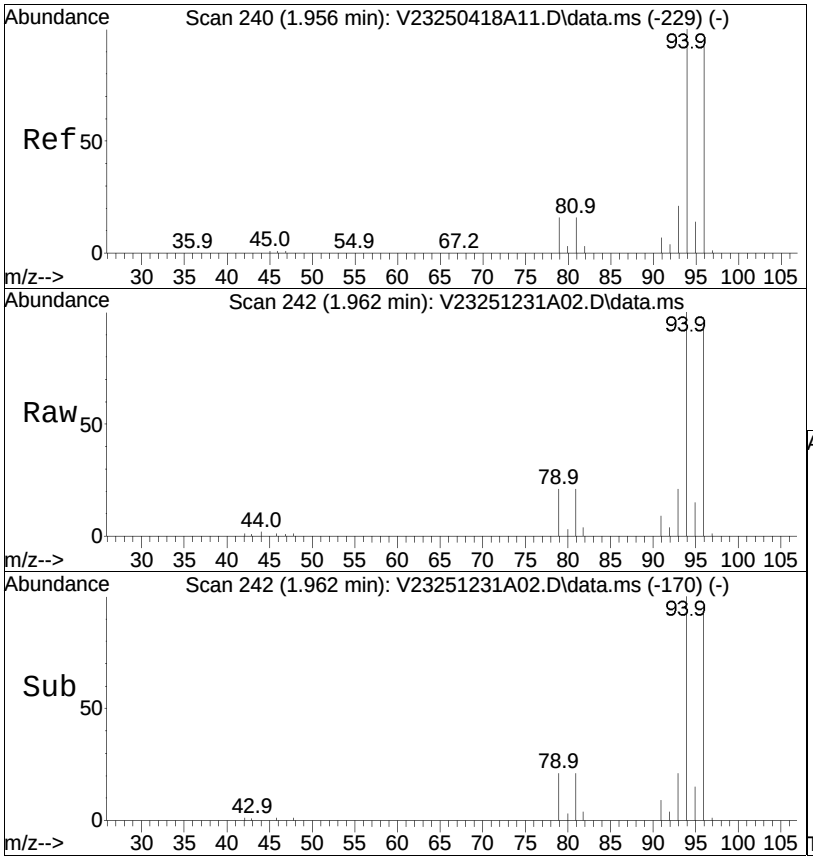


#4
Vinyl chloride
Concen: 30.31 ug/L M1
RT: 1.691 min Scan# 145
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 62 Resp: 52049

Ion	Ratio	Lower	Upper
62	100		
64	23.2	12.0	52.0

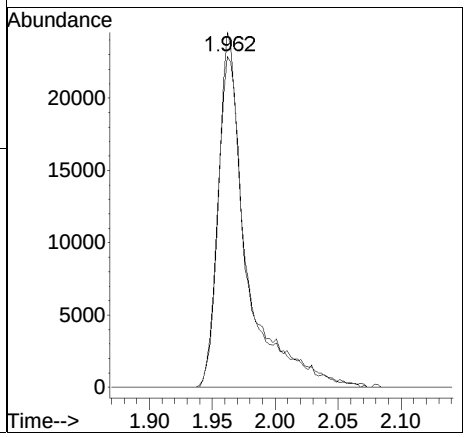


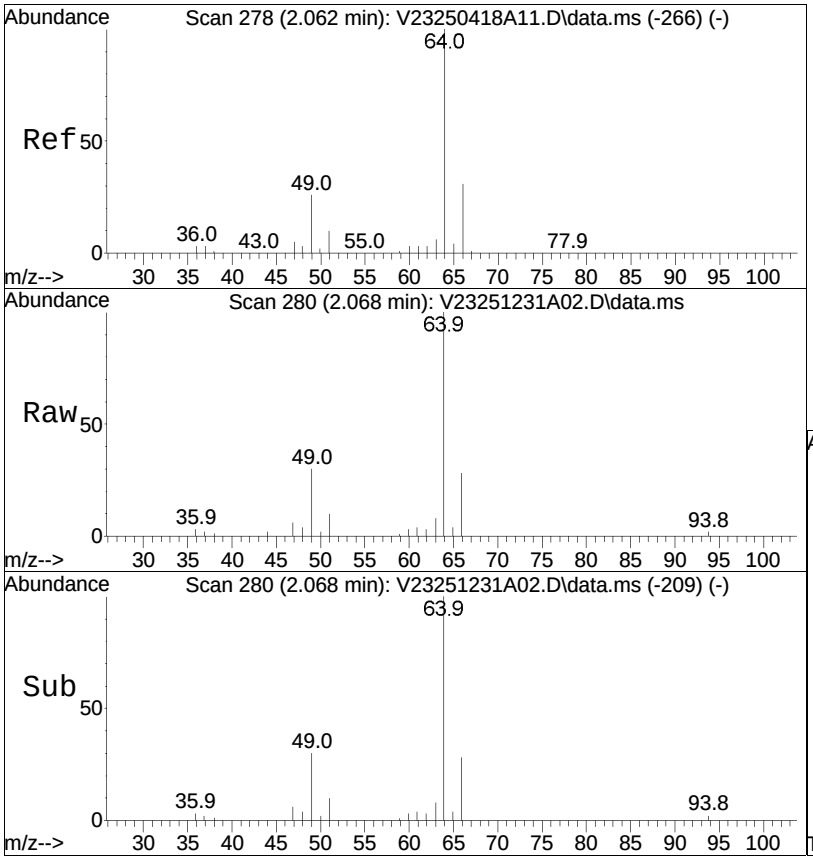


#5
Bromomethane
Concen: 35.55 ug/L
RT: 1.962 min Scan# 242
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 94 Resp: 39041

Ion	Ratio	Lower	Upper
94	100		
96	95.6	74.6	114.6

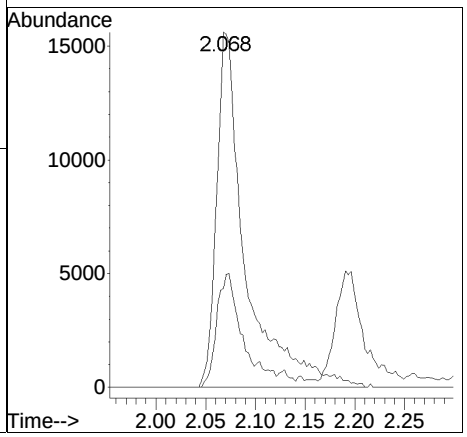


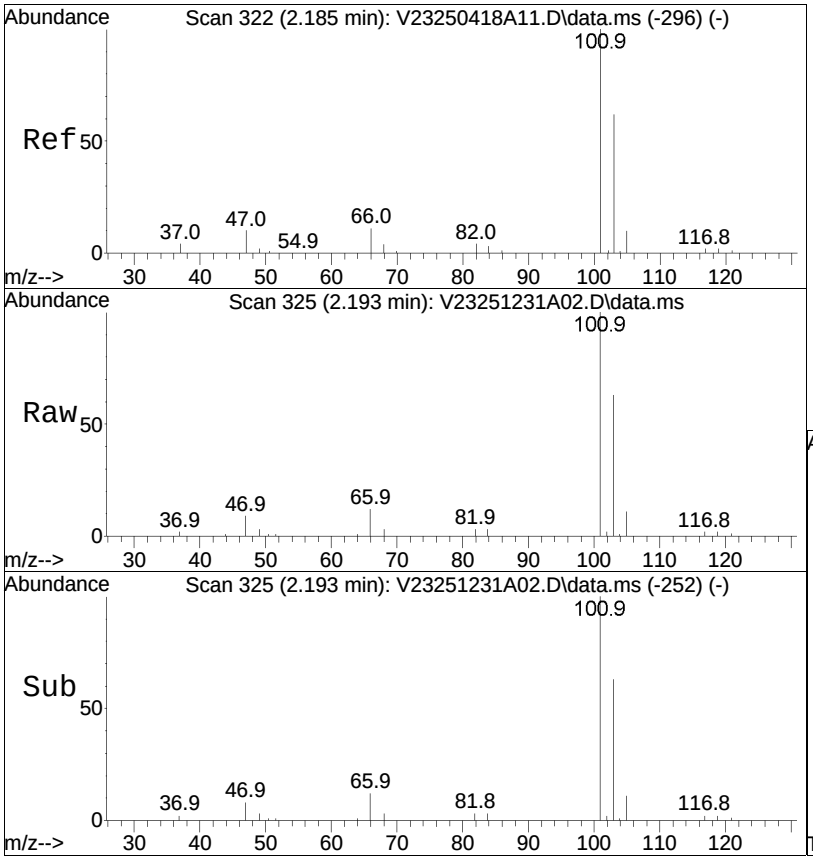


#6
Chloroethane
Concen: 26.62 ug/L
RT: 2.068 min Scan# 280
Delta R.T. -0.003 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 64 Resp: 31677

Ion	Ratio	Lower	Upper
64	100		
66	25.3	12.6	52.6

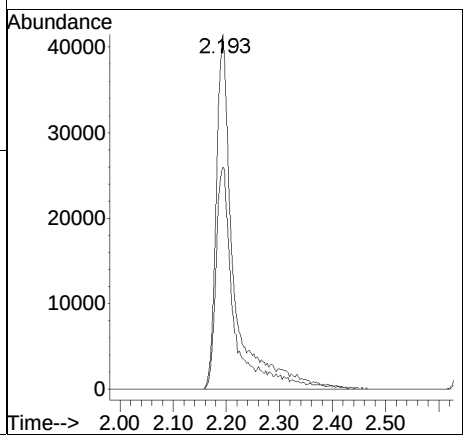


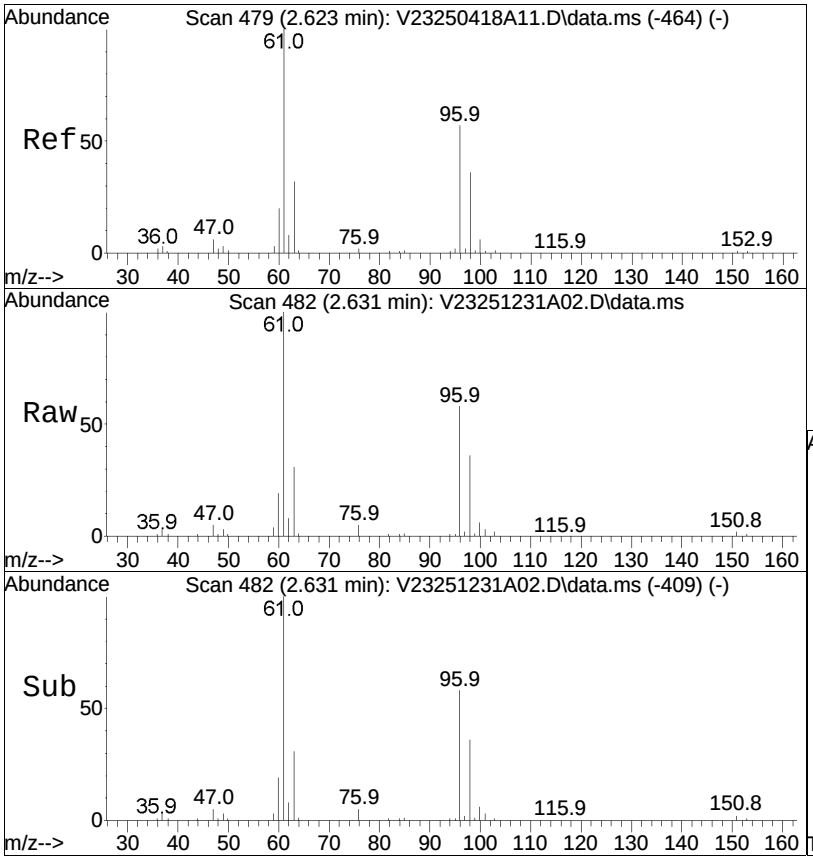


#7
Trichlorofluoromethane
Concen: 37.49 ug/L M1
RT: 2.193 min Scan# 325
Delta R.T. 0.003 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion:101 Resp: 97356

Ion	Ratio	Lower	Upper
101	100		
103	54.6	51.4	77.2

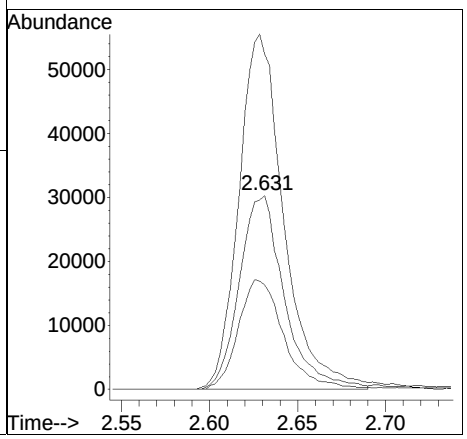


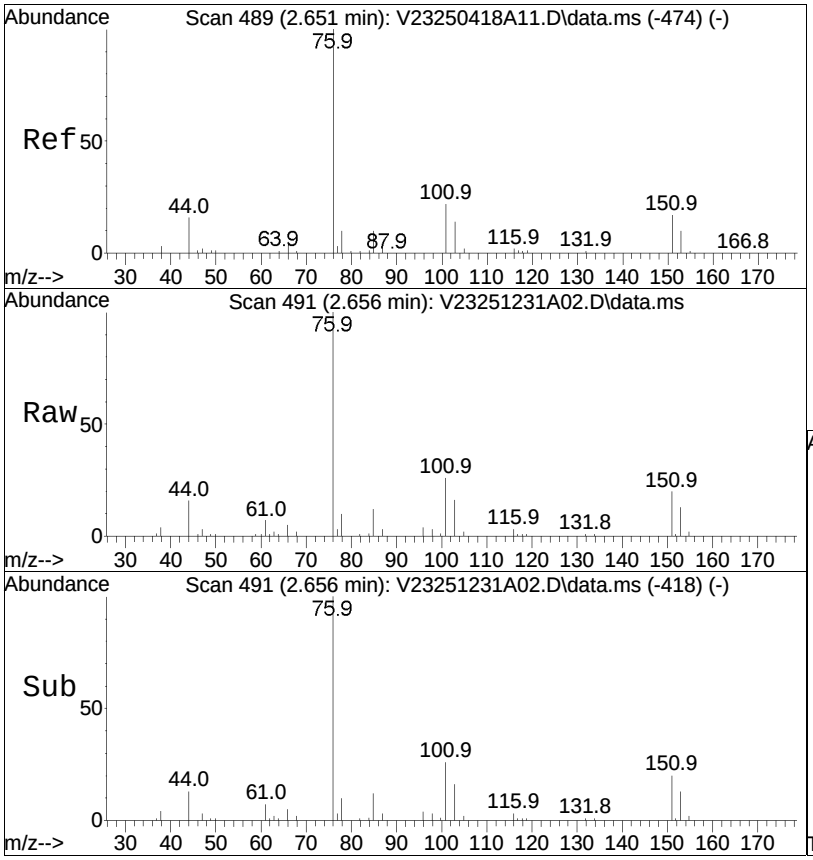


#10
1,1-Dichloroethene
Concen: 39.28 ug/L
RT: 2.631 min Scan# 482
Delta R.T. 0.003 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 96 Resp: 53974

Ion	Ratio	Lower	Upper
96	100		
61	184.7	124.5	186.7
63	57.8	40.7	61.1

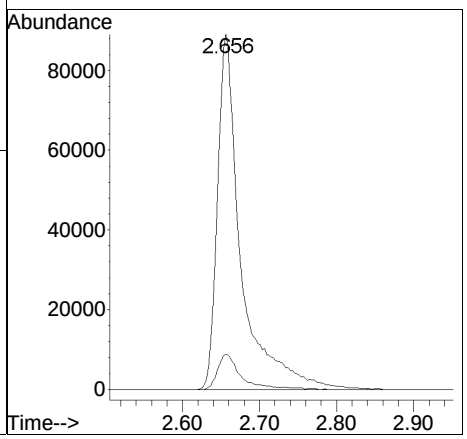


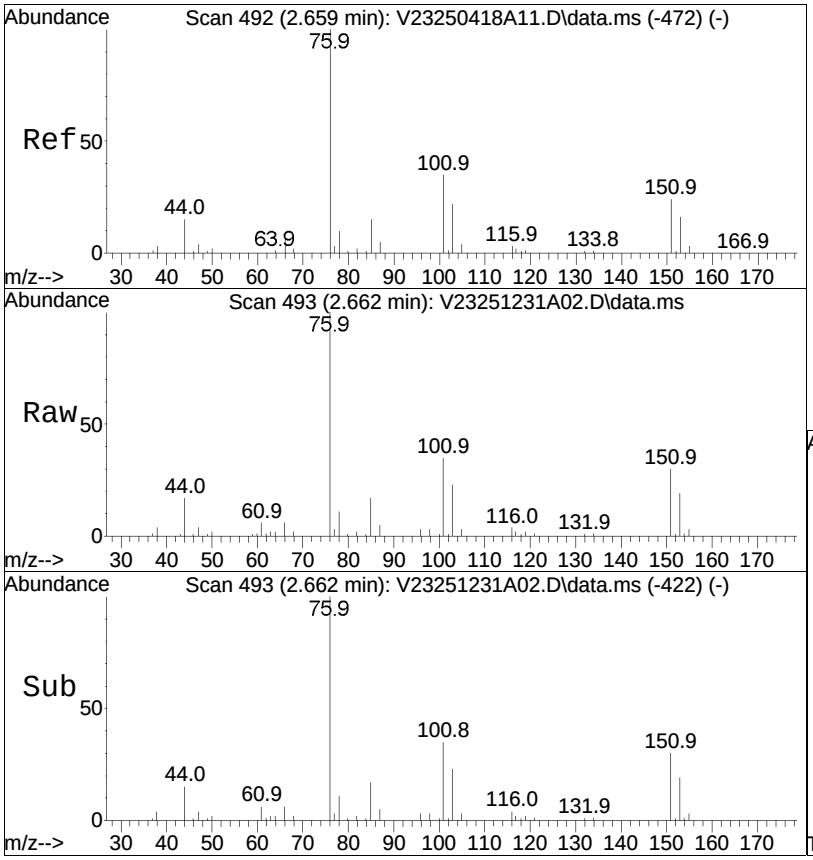


#11
Carbon disulfide
Concen: 37.52 ug/L
RT: 2.656 min Scan# 491
Delta R.T. 0.003 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 76 Resp: 189935

Ion	Ratio	Lower	Upper
76	100		
78	9.4	6.7	13.9

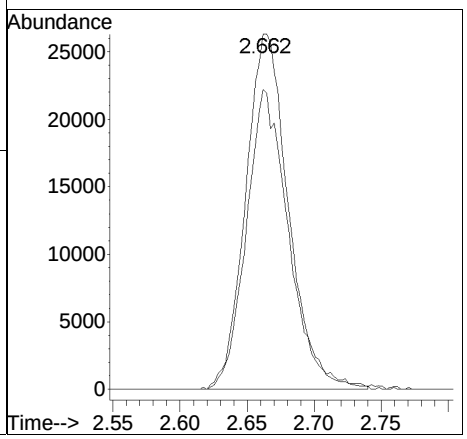


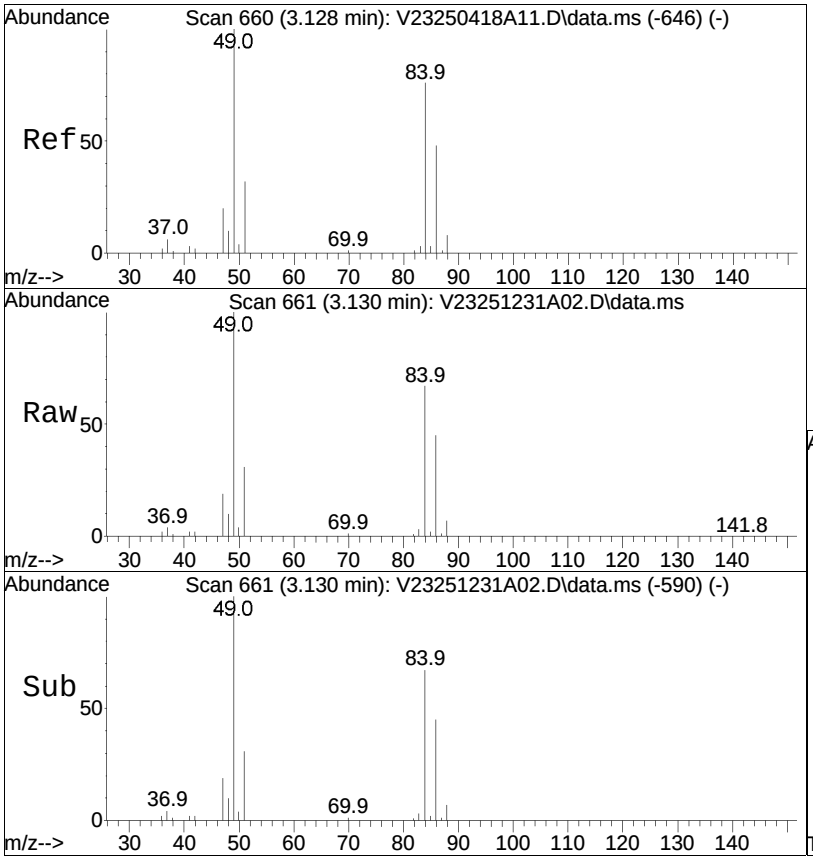


#12
Freon-113
Concen: 42.22 ug/L
RT: 2.662 min Scan# 493
Delta R.T. -0.003 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion:101 Resp: 58853

Ion	Ratio	Lower	Upper
101	100		
151	82.6	62.0	93.0

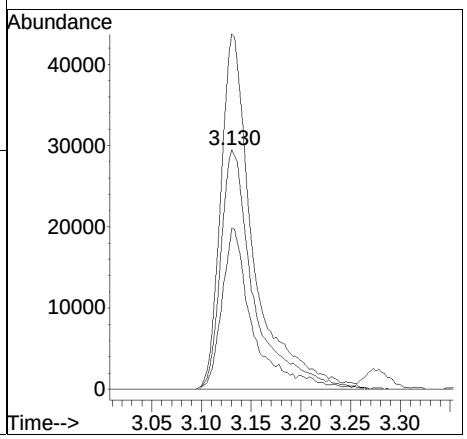


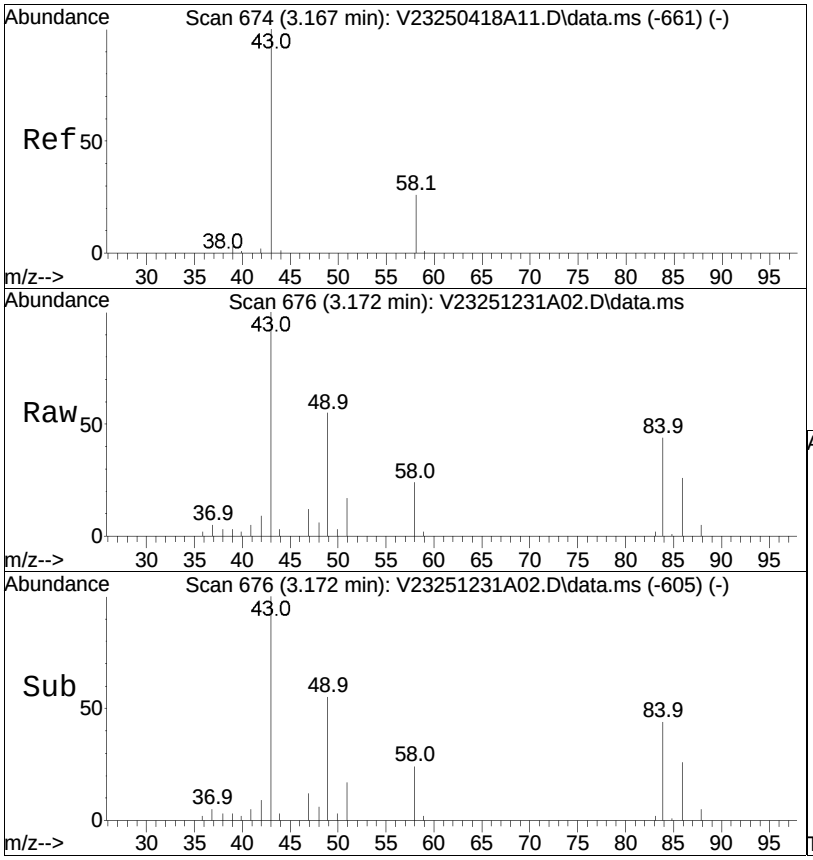


#15
Methylene chloride
Concen: 38.77 ug/L
RT: 3.130 min Scan# 661
Delta R.T. -0.003 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 84 Resp: 69158

Ion	Ratio	Lower	Upper
84	100		
86	58.7	42.0	87.2
49	144.2	74.0	153.6

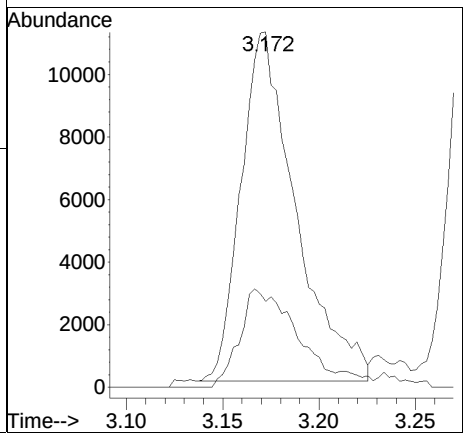


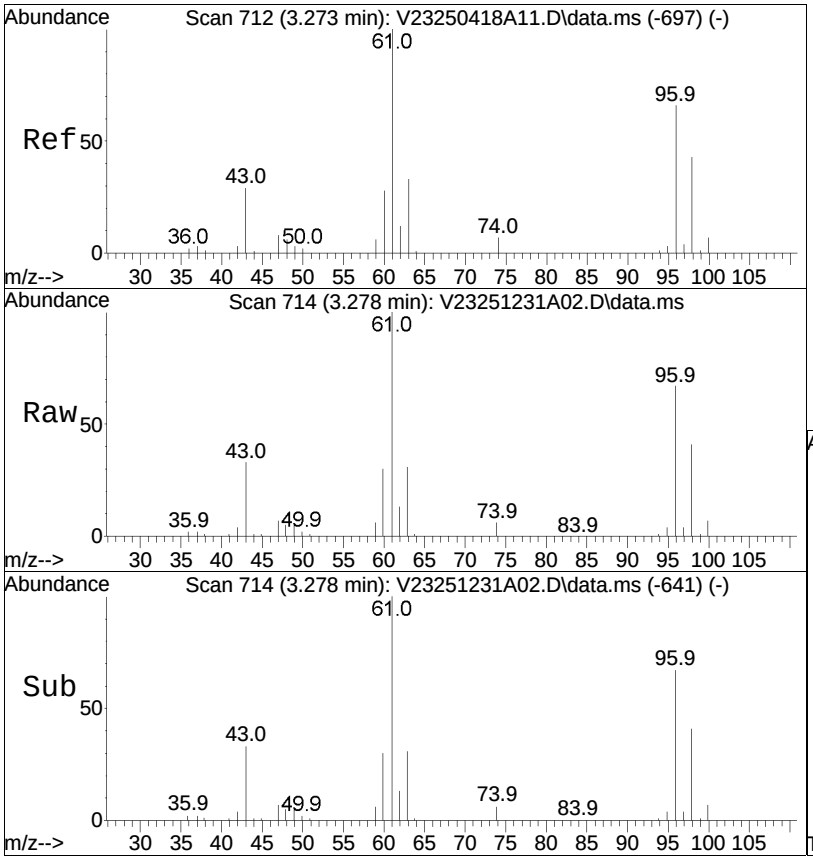


#17
Acetone
Concen: 53.09 ug/L
RT: 3.172 min Scan# 676
Delta R.T. 0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 43 Resp: 22133

Ion	Ratio	Lower	Upper
43	100		
58	28.8	28.2	42.4

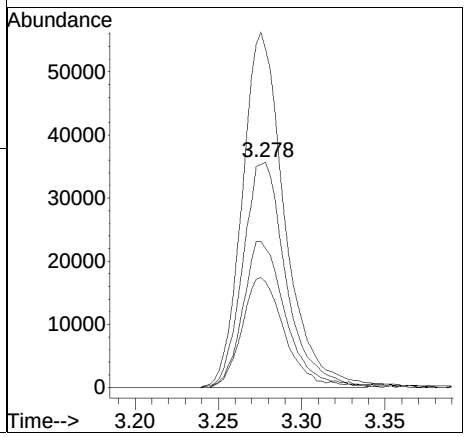


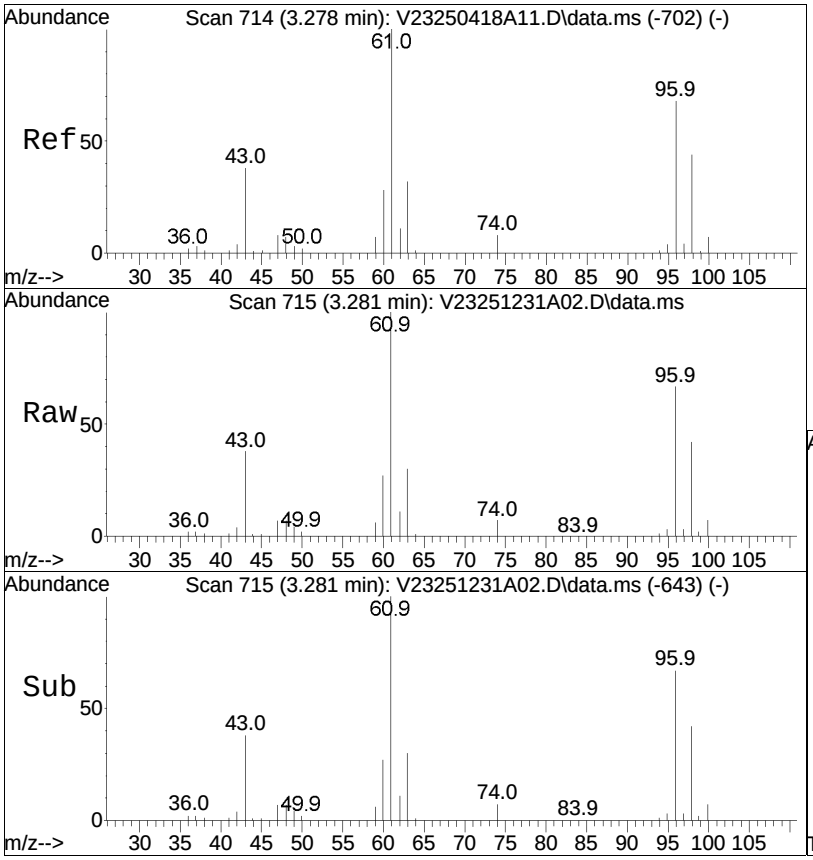


#18
trans-1,2-Dichloroethene
Concen: 40.13 ug/L
RT: 3.278 min Scan# 714
Delta R.T. 0.003 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 96 Resp: 64459

Ion	Ratio	Lower	Upper
96	100		
61	155.8	87.3	181.3
98	63.8	41.1	85.5
63	48.2	28.3	58.7

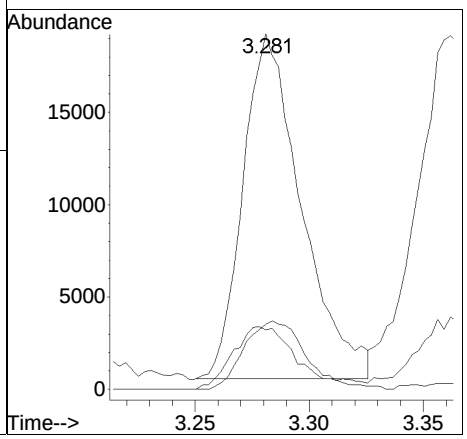


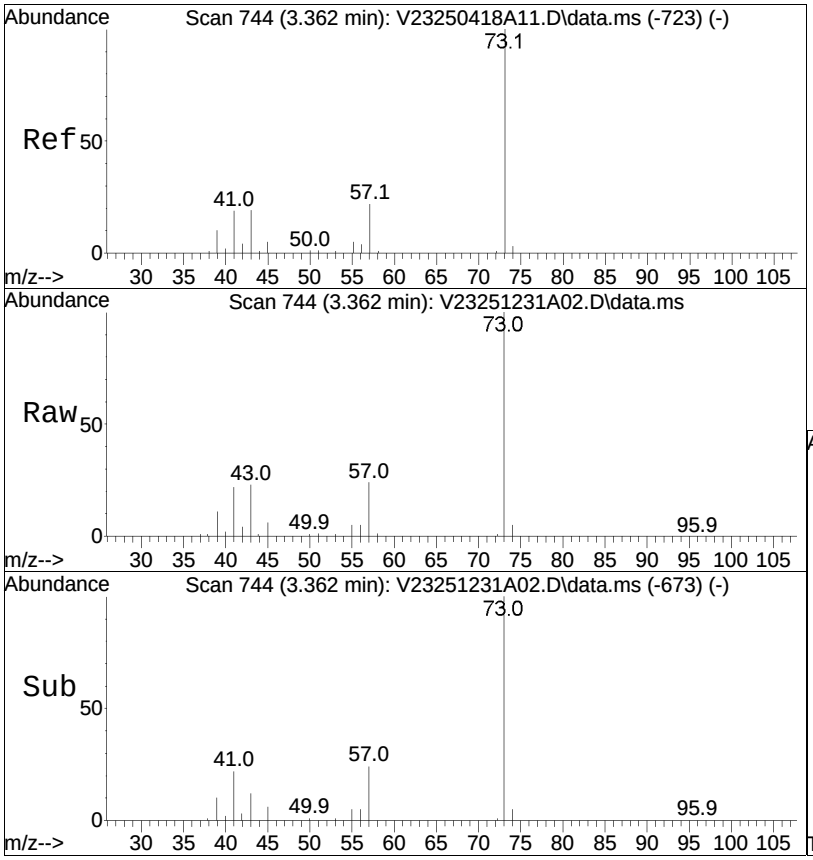


#19
Methyl acetate
Concen: 48.44 ug/L
RT: 3.281 min Scan# 715
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 43 Resp: 33294

Ion	Ratio	Lower	Upper
43	100		
74	21.2	22.2	33.4#
59	20.0	11.9	17.9#

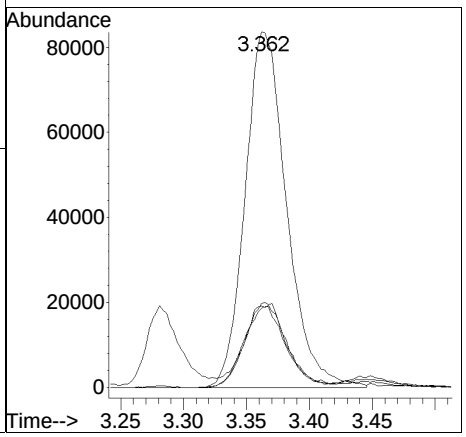


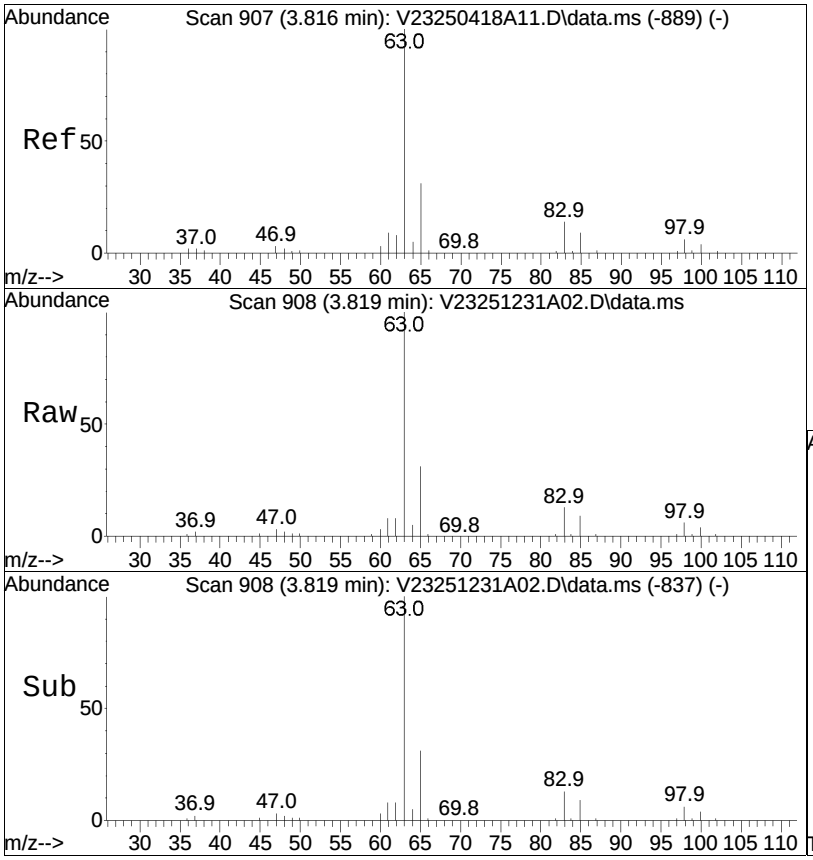


#20
Methyl tert-butyl ether
Concen: 41.87 ug/L
RT: 3.362 min Scan# 744
Delta R.T. -0.003 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 73 Resp: 191808

Ion	Ratio	Lower	Upper
73	100		
57	24.2	14.2	29.4
43	21.7	12.4	25.7
41	22.6	11.6	24.0

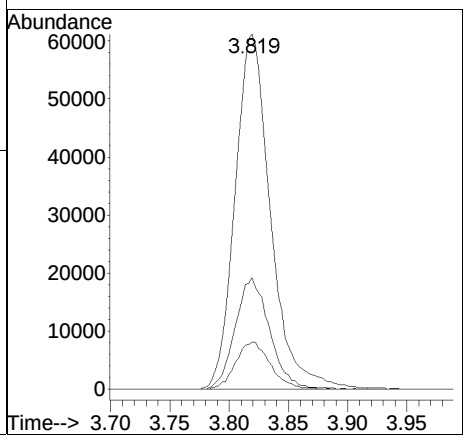


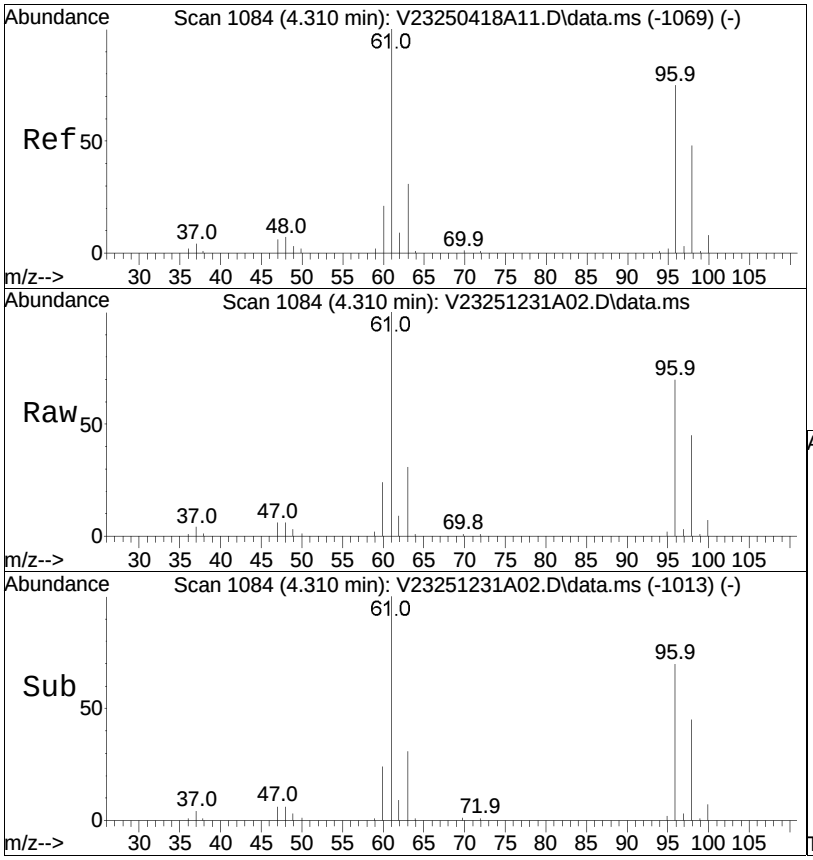


#23
1,1-Dichloroethane
Concen: 43.21 ug/L
RT: 3.819 min Scan# 908
Delta R.T. -0.003 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 63 Resp: 127626

Ion	Ratio	Lower	Upper
63	100		
65	30.4	11.1	51.1
83	13.2	0.0	33.3

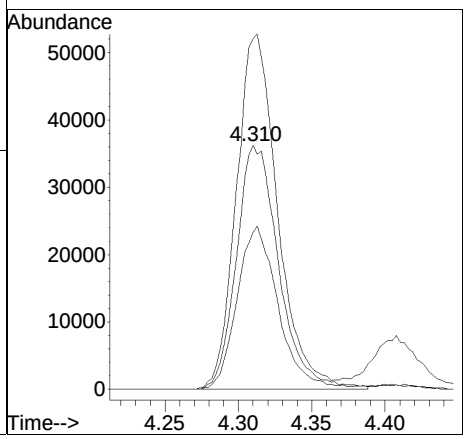


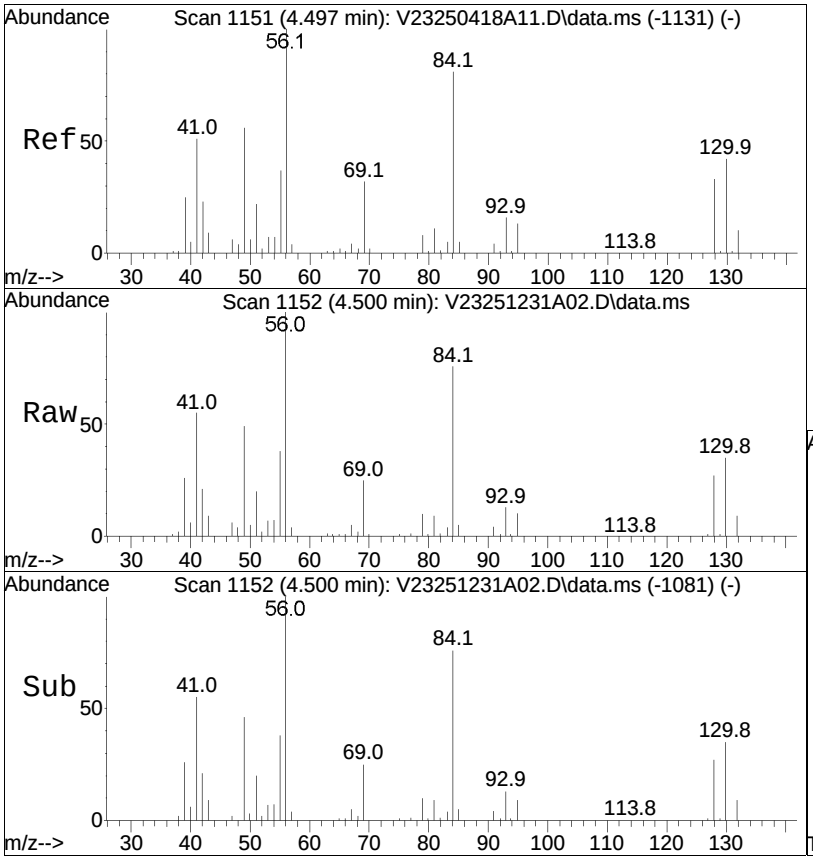


#28
cis-1,2-Dichloroethene
Concen: 39.57 ug/L
RT: 4.310 min Scan# 1084
Delta R.T. -0.003 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 96 Resp: 72849

Ion	Ratio	Lower	Upper
96	100		
61	141.4	98.2	147.2
98	65.0	51.0	76.6

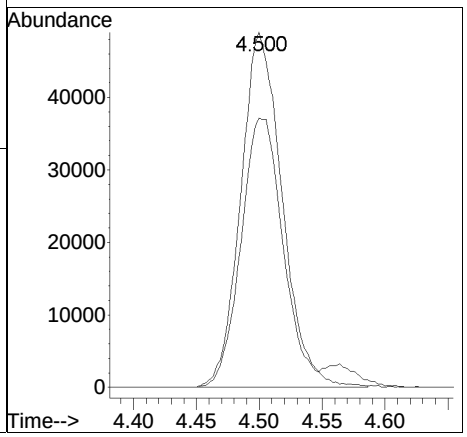


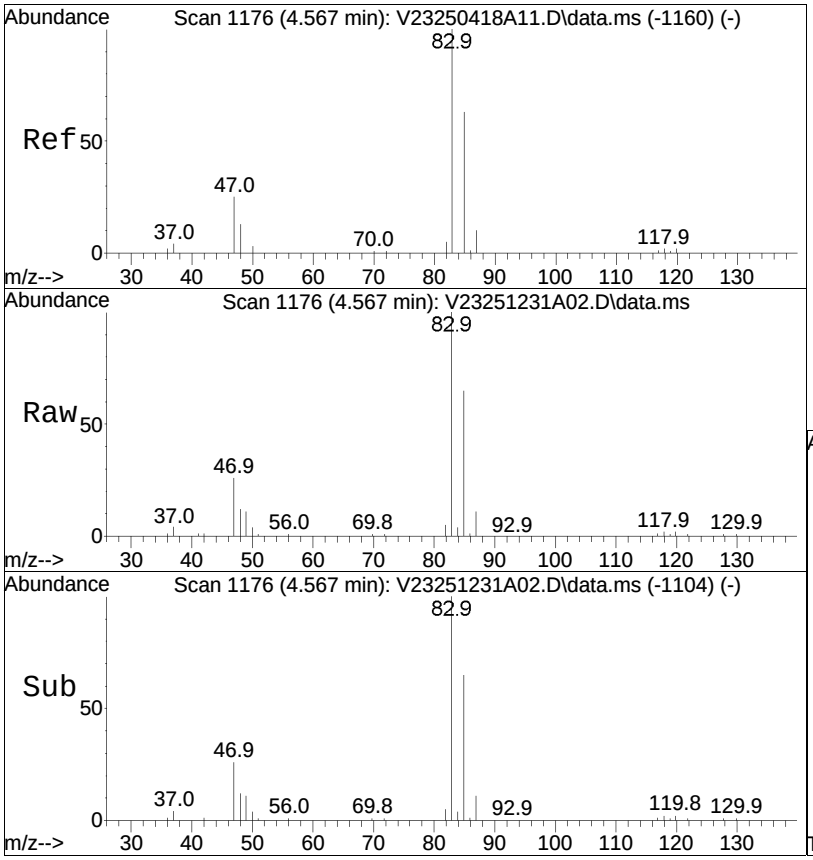


#31
Cyclohexane
Concen: 45.63 ug/L
RT: 4.500 min Scan# 1152
Delta R.T. -0.003 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 56 Resp: 112345

Ion	Ratio	Lower	Upper
56	100		
84	76.9	58.9	122.3

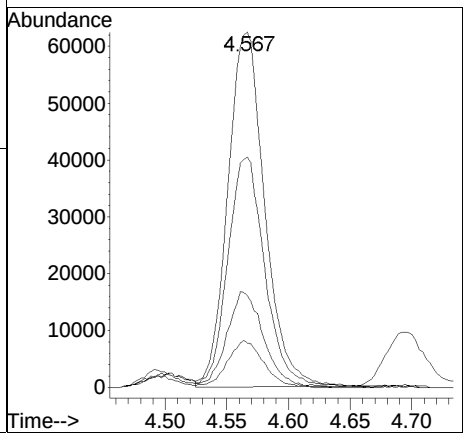


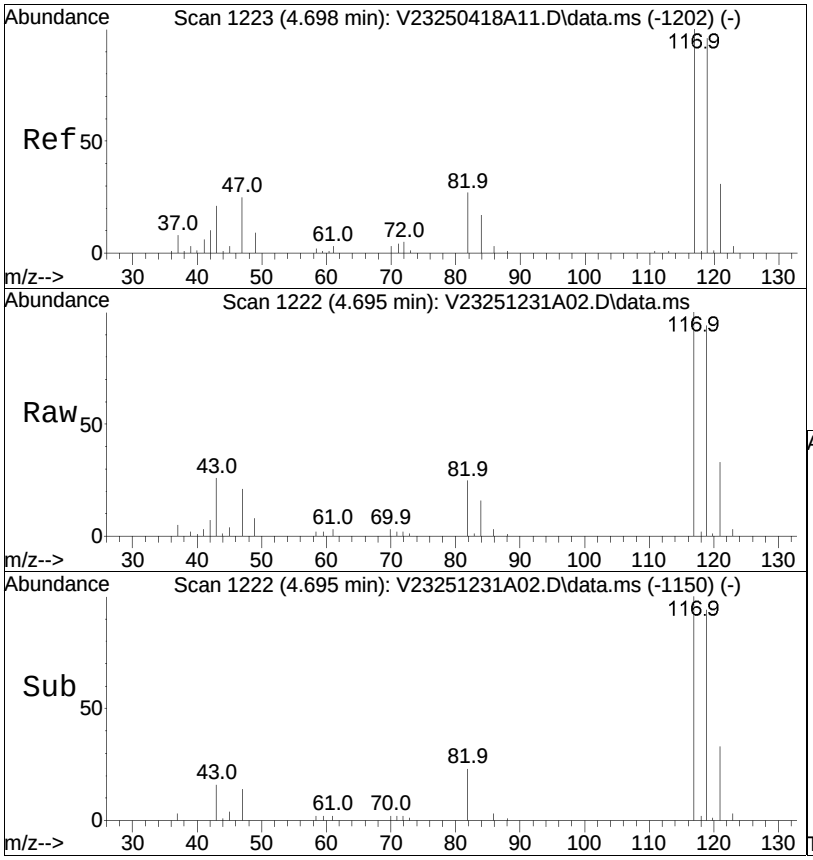


#32
Chloroform
Concen: 36.04 ug/L
RT: 4.567 min Scan# 1176
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 83 Resp: 130212

Ion	Ratio	Lower	Upper
83	100		
85	64.7	42.1	87.3
47	25.8	14.0	29.2
48	13.0	7.2	14.9

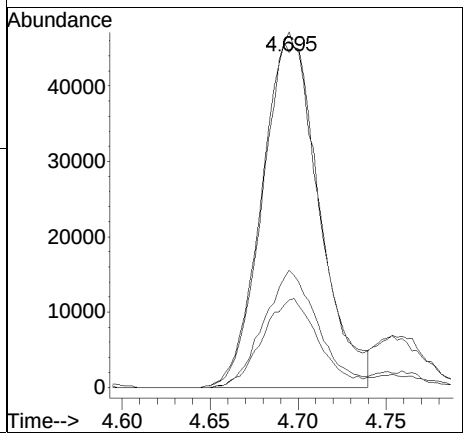


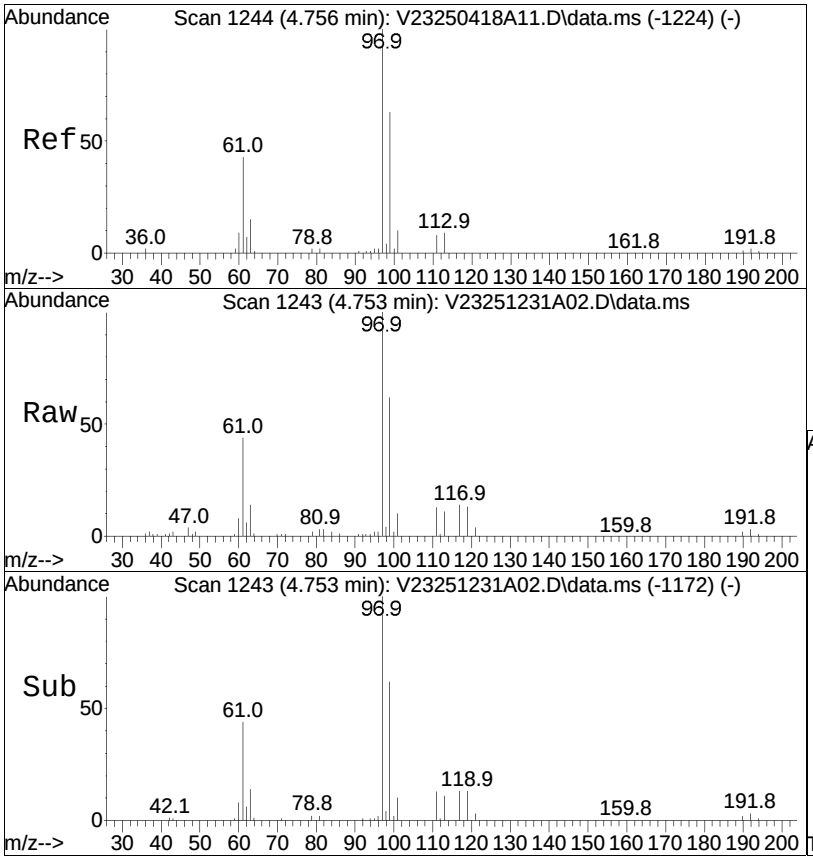


#34
Carbon tetrachloride
Concen: 45.53 ug/L
RT: 4.695 min Scan# 1222
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion:117 Resp: 106563

Ion	Ratio	Lower	Upper
117	100		
119	96.5	62.7	130.3
121	31.3	20.3	42.1
82	24.6	16.4	34.2

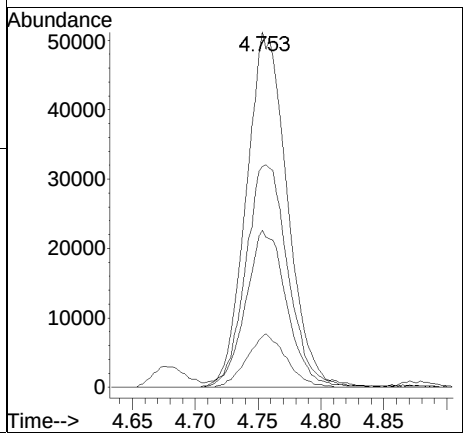


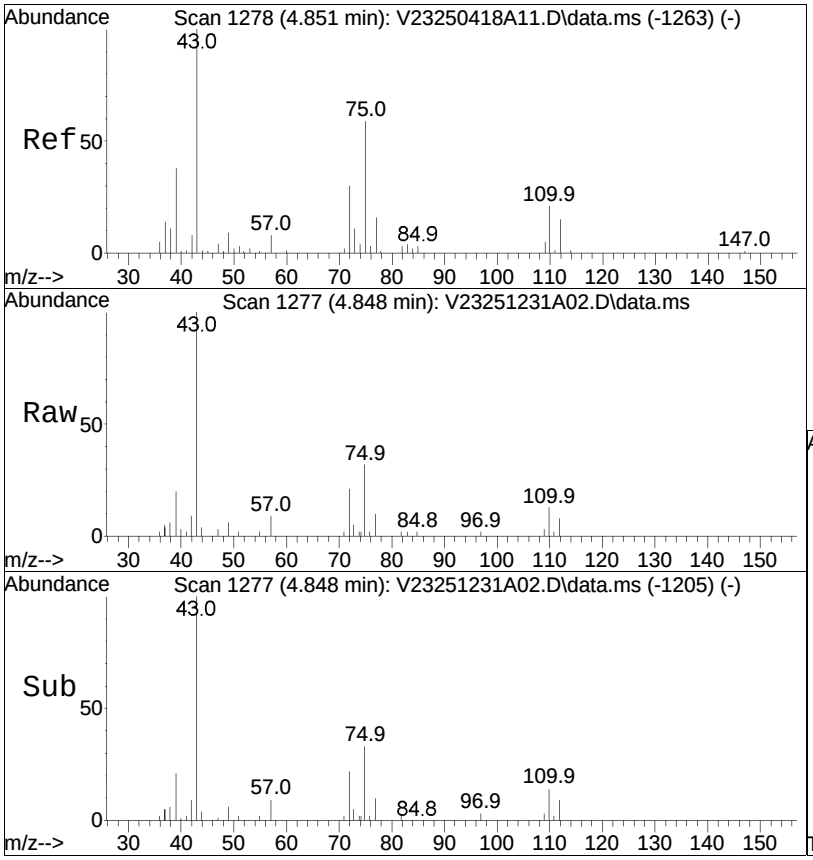


#37
1,1,1-Trichloroethane
Concen: 46.62 ug/L
RT: 4.753 min Scan# 1243
Delta R.T. -0.003 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 97 Resp: 116457

Ion	Ratio	Lower	Upper
97	100		
99	64.4	41.5	86.3
61	43.8	27.4	57.0
63	14.5	9.0	18.6

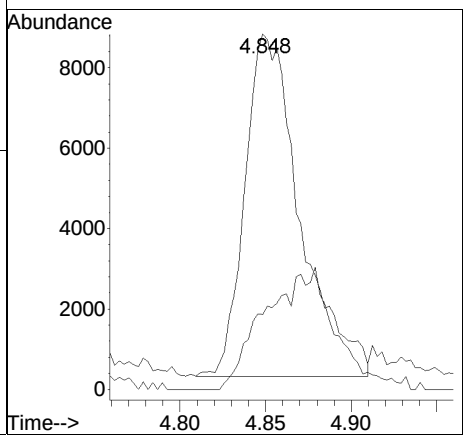


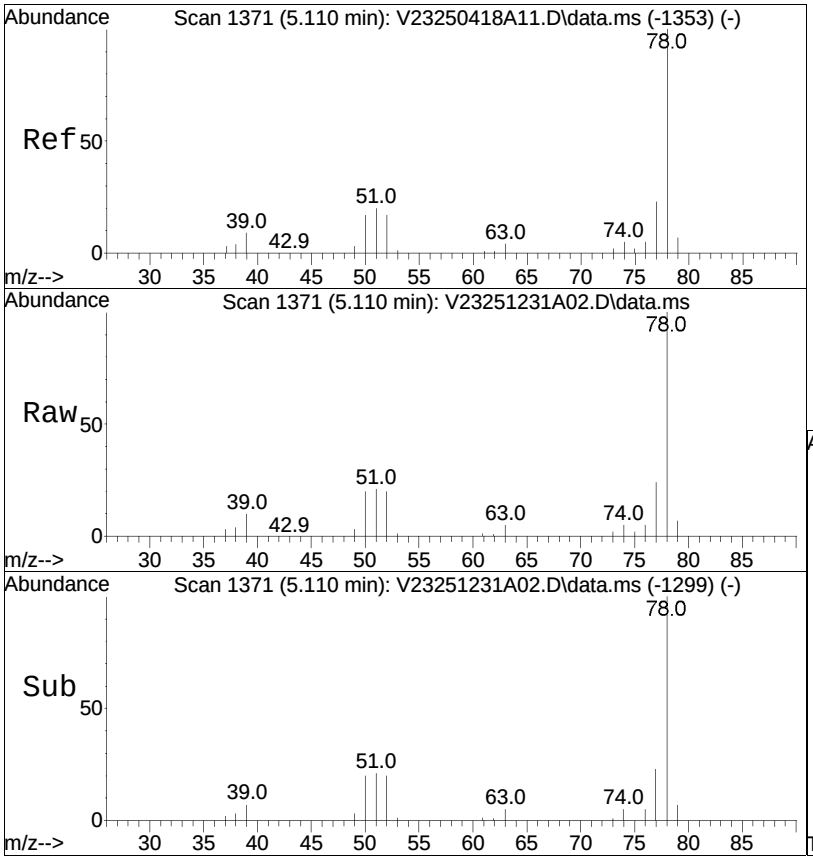


#39
2-Butanone
Concen: 38.05 ug/L
RT: 4.848 min Scan# 1277
Delta R.T. 0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 43 Resp: 19080

Ion	Ratio	Lower	Upper
43	100		
72	26.9	30.4	45.6#

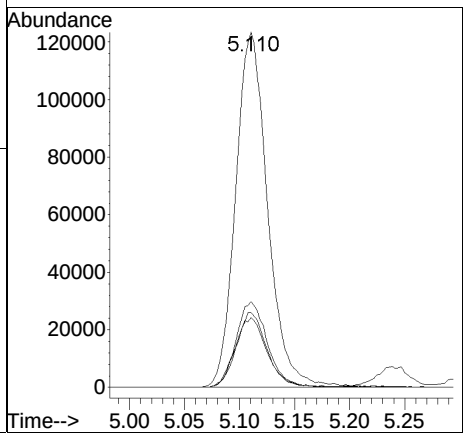


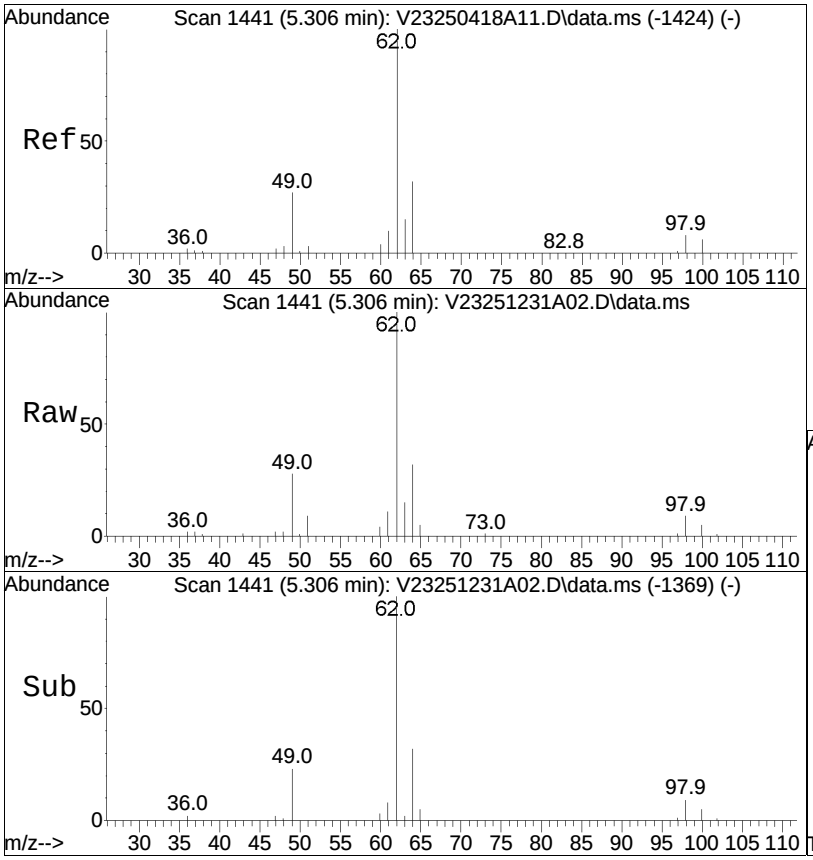


#41
Benzene
Concen: 40.67 ug/L
RT: 5.110 min Scan# 1371
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 78 Resp: 250357

Ion	Ratio	Lower	Upper
78	100		
77	23.8	15.7	32.5
51	20.6	9.9	20.5#
52	19.4	9.5	19.7

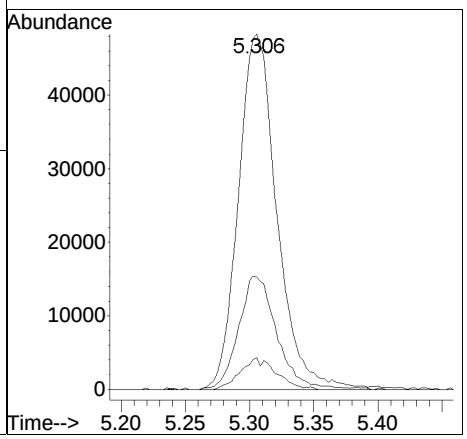


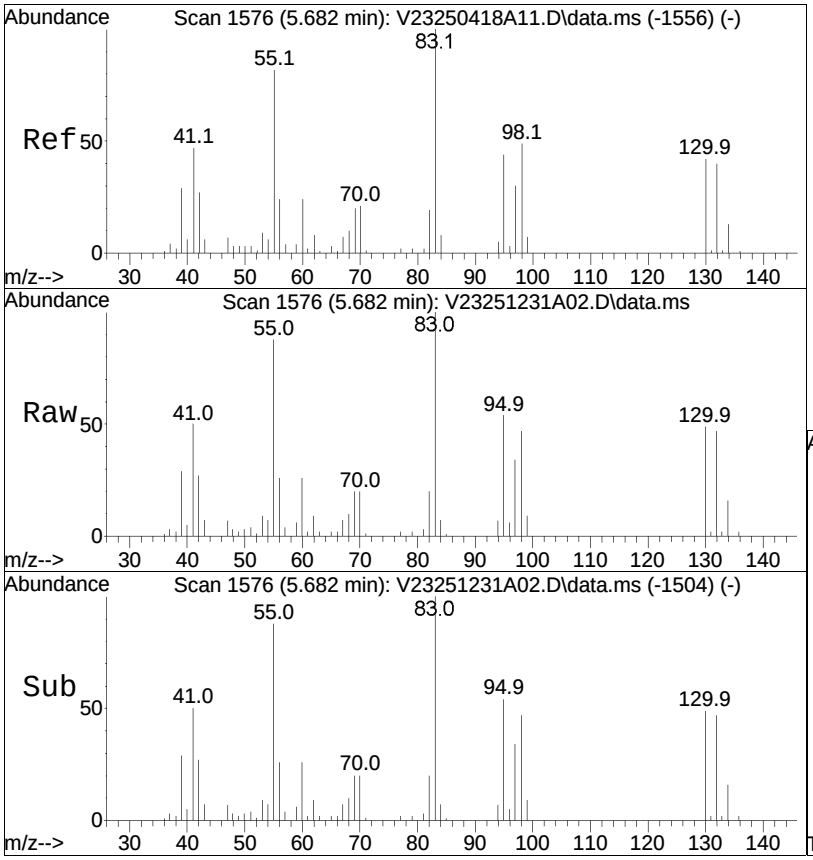


#44
1,2-Dichloroethane
Concen: 44.88 ug/L
RT: 5.306 min Scan# 1441
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 62 Resp: 100759

Ion	Ratio	Lower	Upper
62	100		
64	31.5	12.7	52.7
98	8.3	0.0	29.7

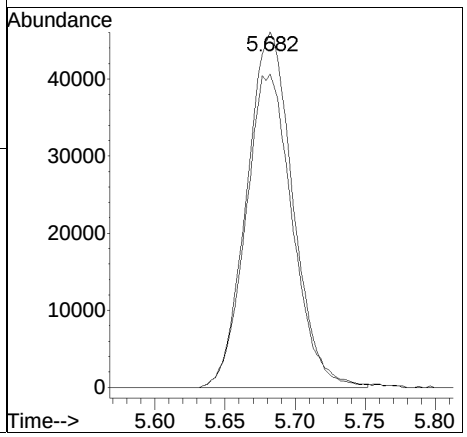


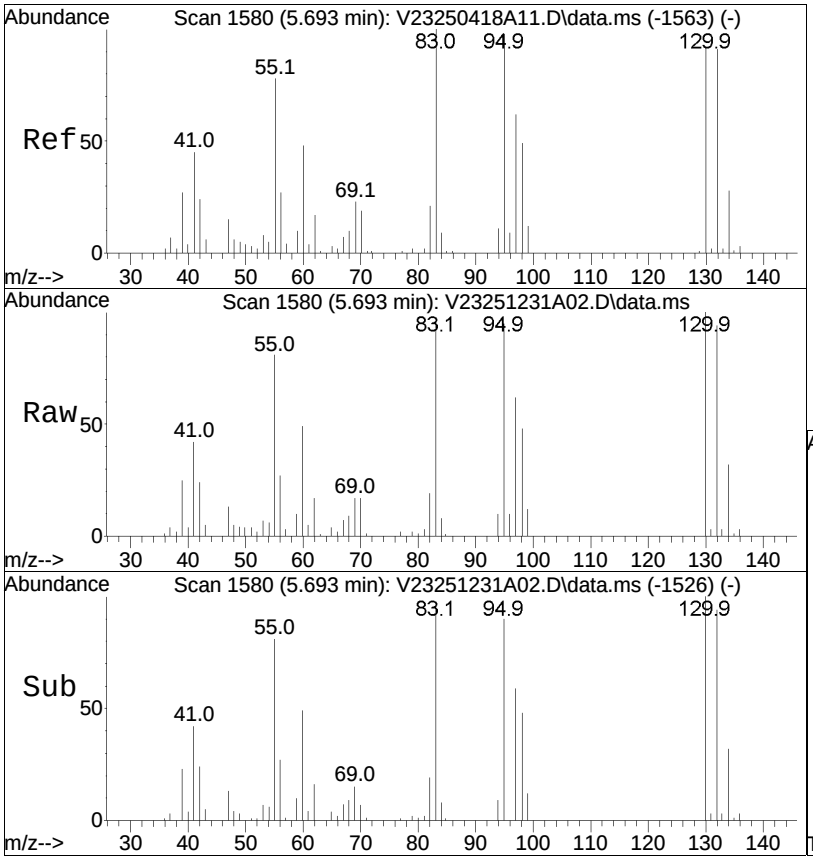


#47
Methyl cyclohexane
Concen: 39.83 ug/L
RT: 5.682 min Scan# 1576
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 83 Resp: 105896

Ion	Ratio	Lower	Upper
83	100		
55	89.2	57.7	86.5#

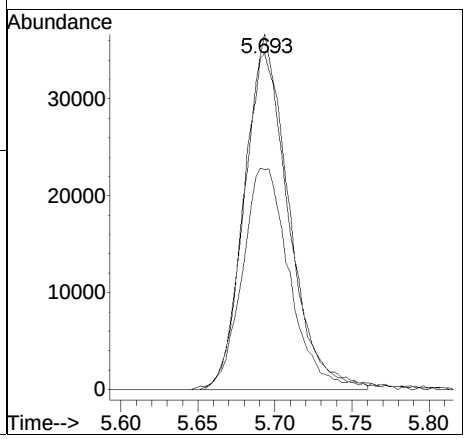


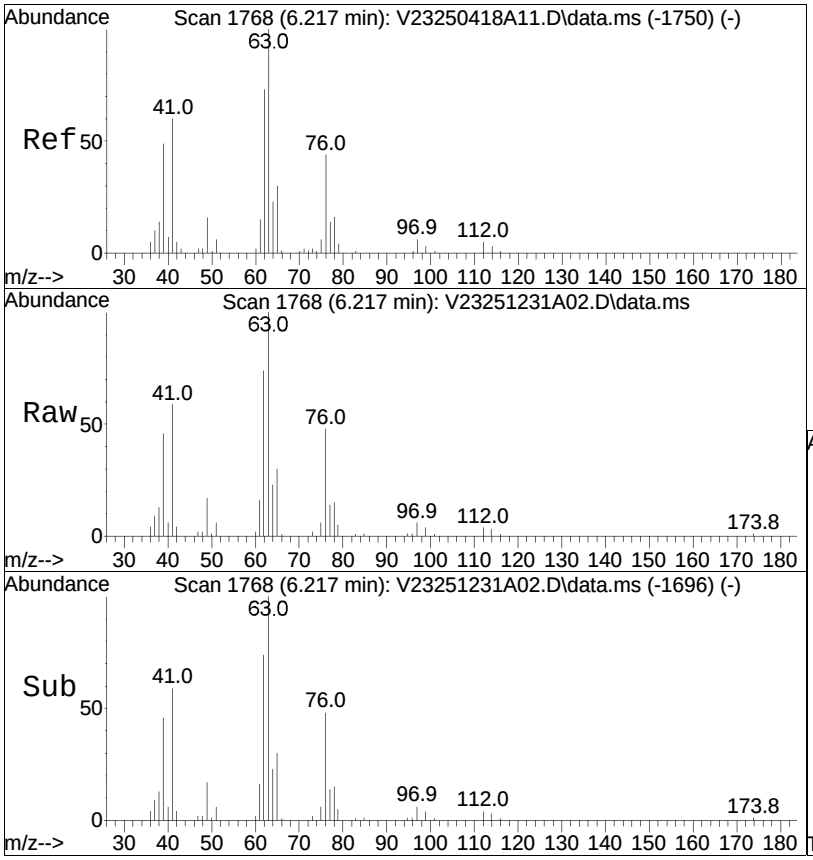


#48
Trichloroethene
Concen: 41.87 ug/L
RT: 5.693 min Scan# 1580
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 95 Resp: 70745

Ion	Ratio	Lower	Upper
95	100		
97	69.3	54.3	81.5
130	104.2	82.2	123.2

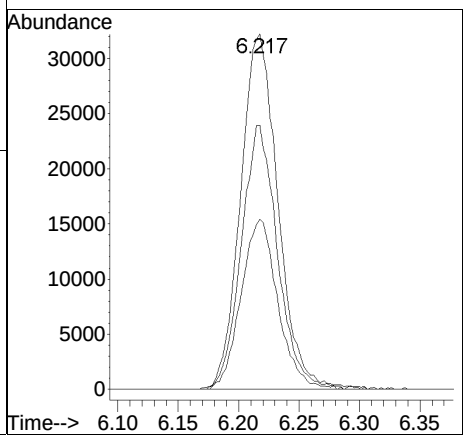


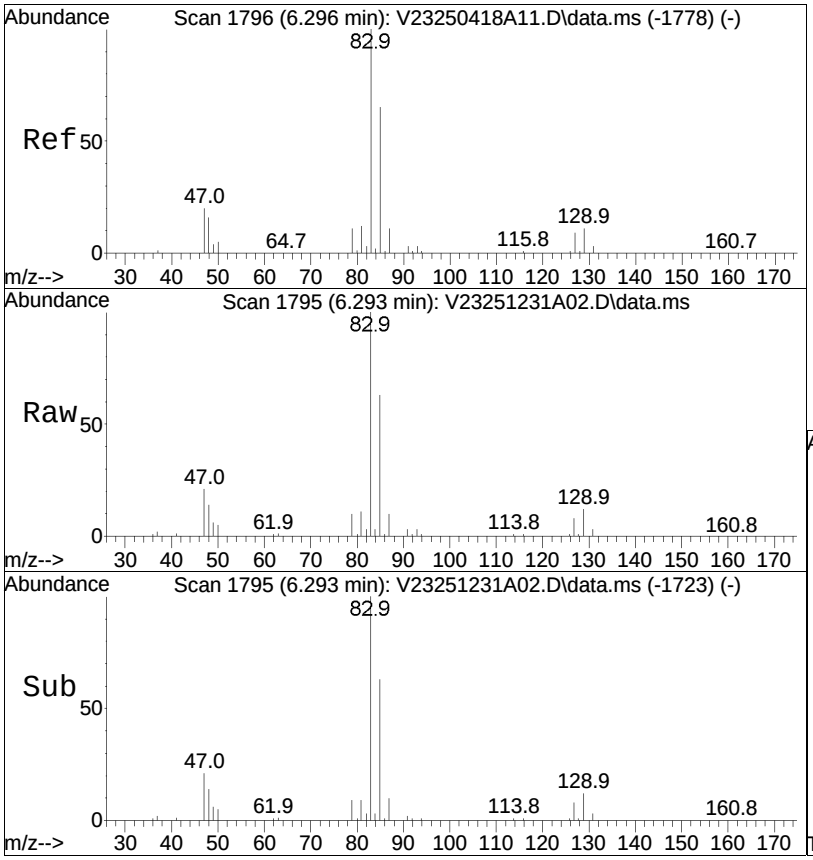


#51
1,2-Dichloropropane
Concen: 41.15 ug/L
RT: 6.217 min Scan# 1768
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 63 Resp: 69733

Ion	Ratio	Lower	Upper
63	100		
62	71.7	56.9	85.3
76	47.0	35.0	52.4

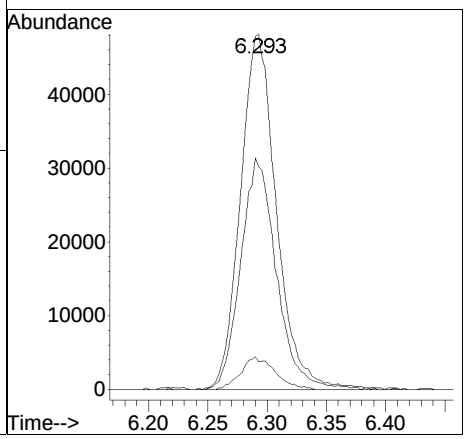


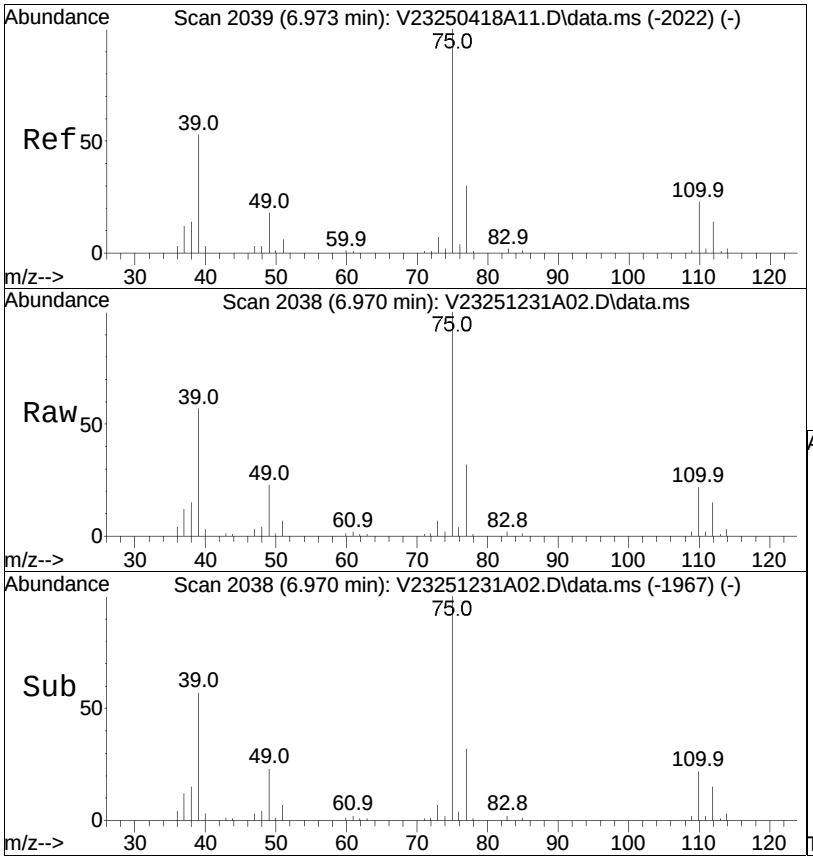


#54
Bromodichloromethane
Concen: 42.75 ug/L
RT: 6.293 min Scan# 1795
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 83 Resp: 101707

Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.3	76.9
127	8.7	6.5	9.7

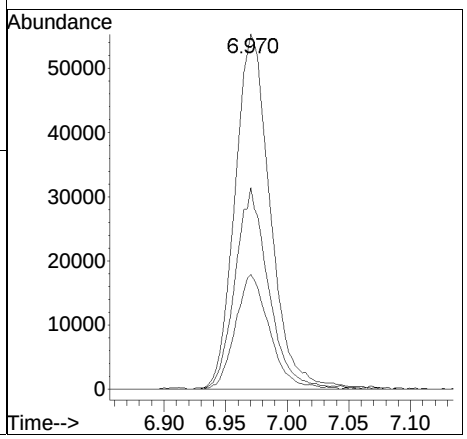


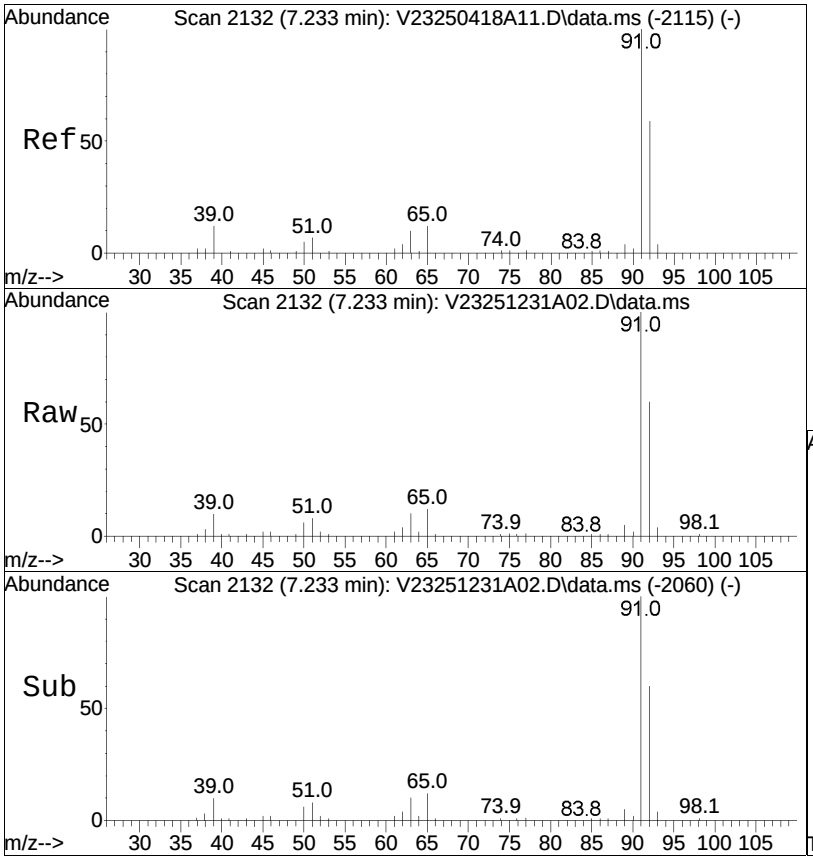


#58
cis-1,3-Dichloropropene
Concen: 42.26 ug/L
RT: 6.970 min Scan# 2038
Delta R.T. -0.003 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 75 Resp: 110615

Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.9	38.9
39	53.7	34.5	51.7#

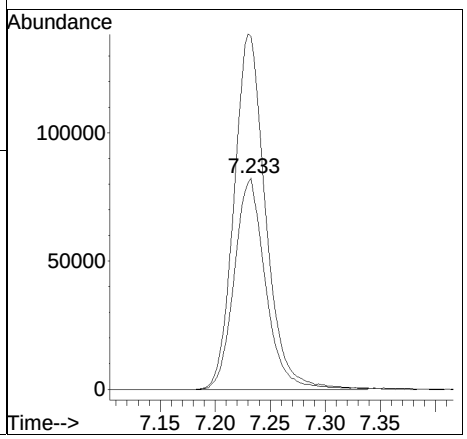


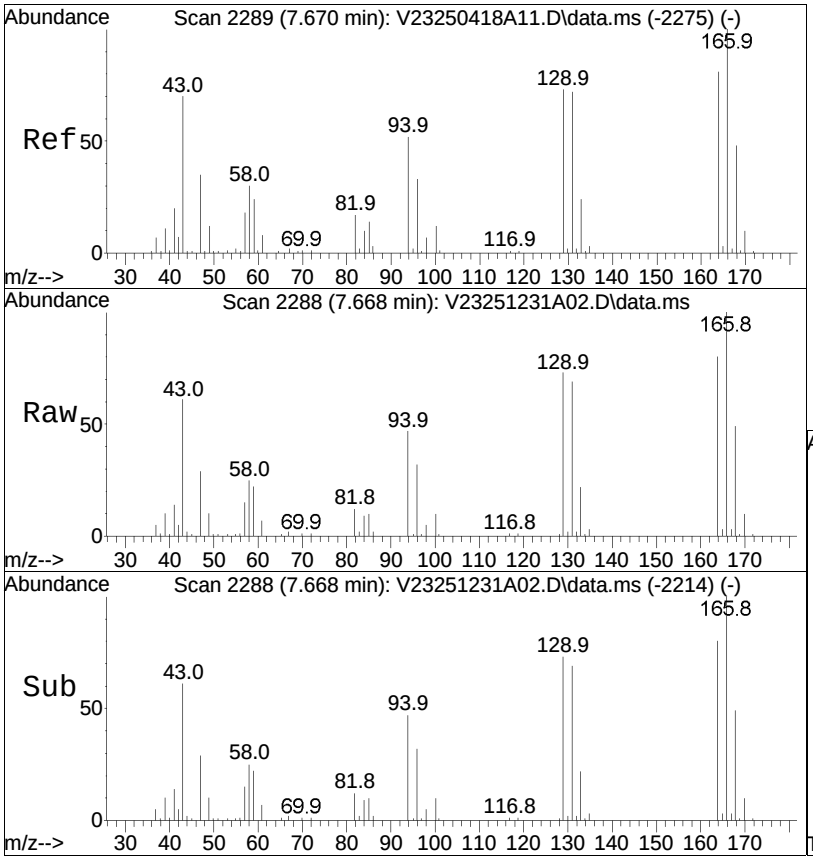


#61
Toluene
Concen: 38.56 ug/L
RT: 7.233 min Scan# 2132
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 92 Resp: 162664

Ion	Ratio	Lower	Upper
92	100		
91	170.0	136.4	204.6

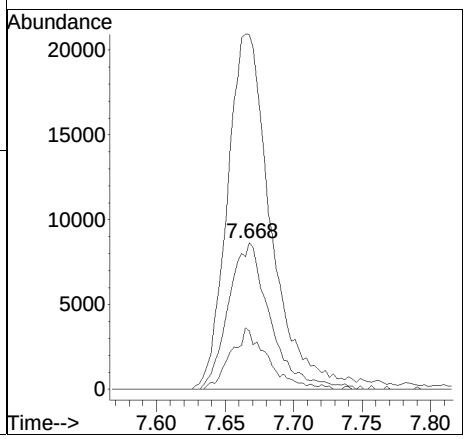


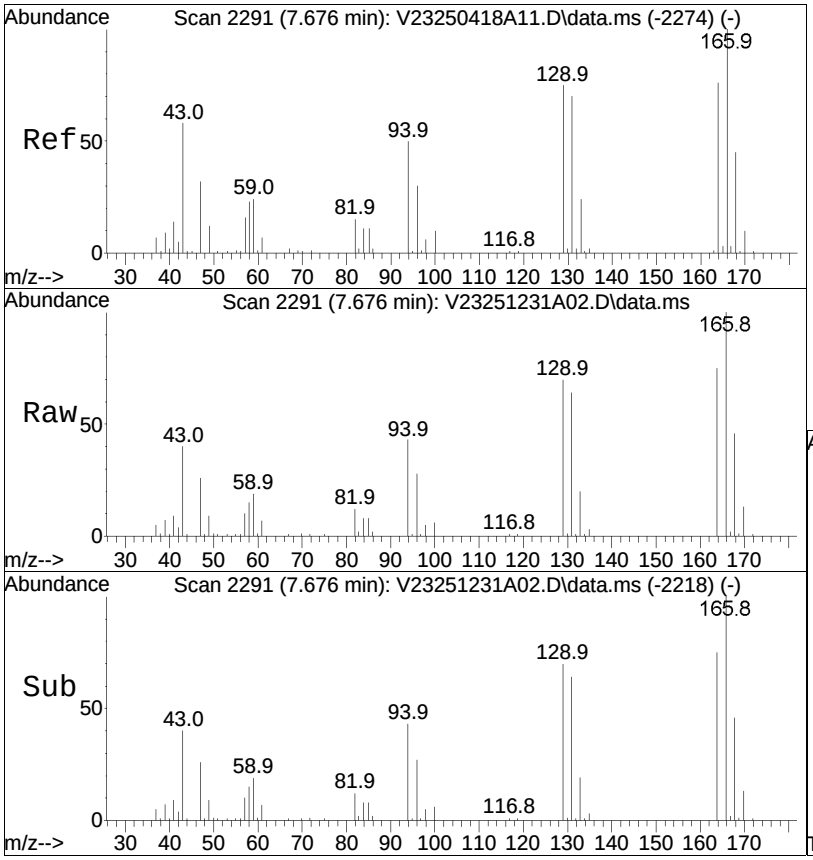


#62
4-Methyl-2-pentanone
Concen: 41.24 ug/L
RT: 7.668 min Scan# 2288
Delta R.T. 0.005 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 58 Resp: 18525

Ion	Ratio	Lower	Upper
58	100		
100	37.0	33.1	49.7
43	249.3	179.0	268.6

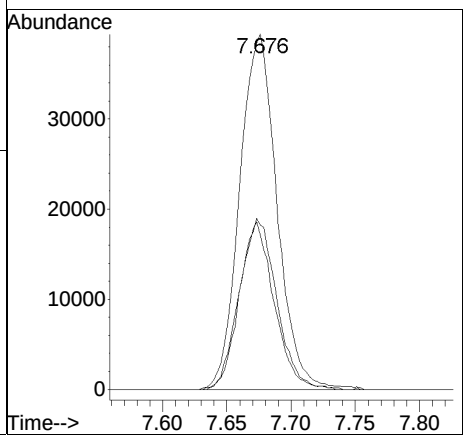


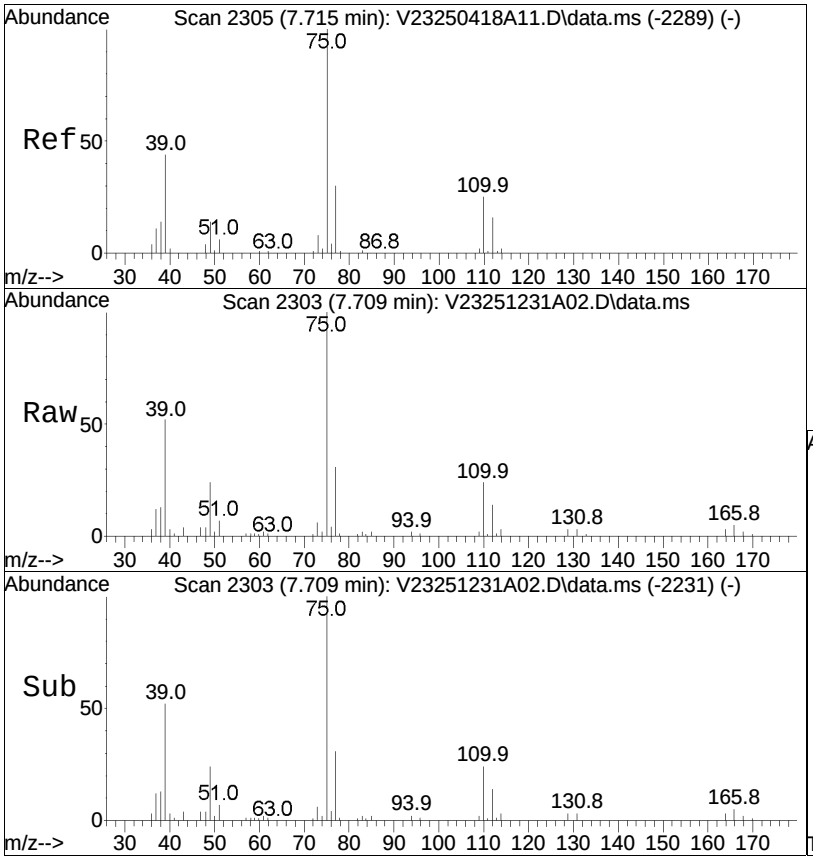


#63
Tetrachloroethene
Concen: 44.00 ug/L
RT: 7.676 min Scan# 2291
Delta R.T. 0.003 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion:166 Resp: 79856

Ion	Ratio	Lower	Upper
166	100		
168	47.4	28.0	68.0
94	44.7	23.3	63.3

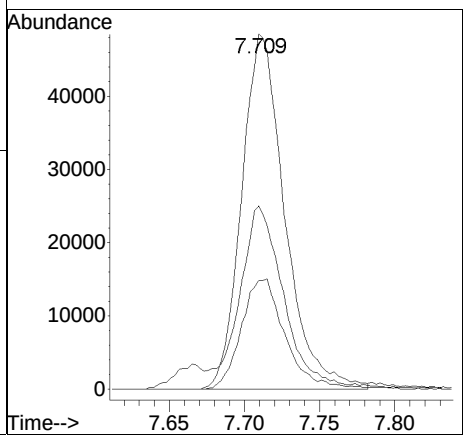


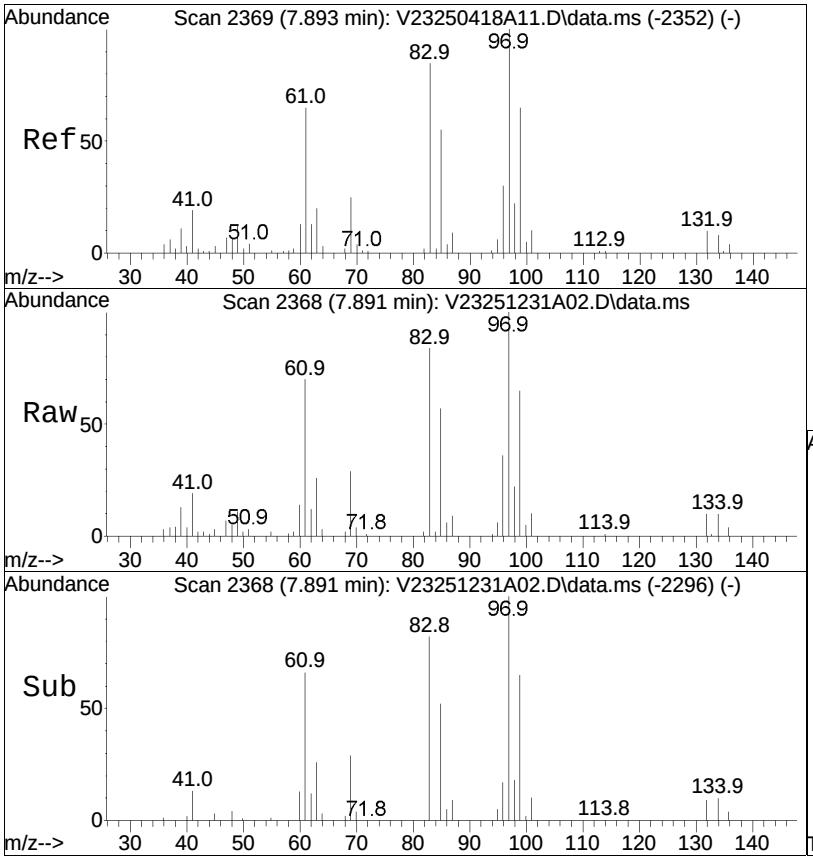


#65
trans-1,3-Dichloropropene
Concen: 40.81 ug/L
RT: 7.709 min Scan# 2303
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 75 Resp: 96980

Ion	Ratio	Lower	Upper
75	100		
77	31.6	12.7	52.7
39	49.2	29.5	69.5

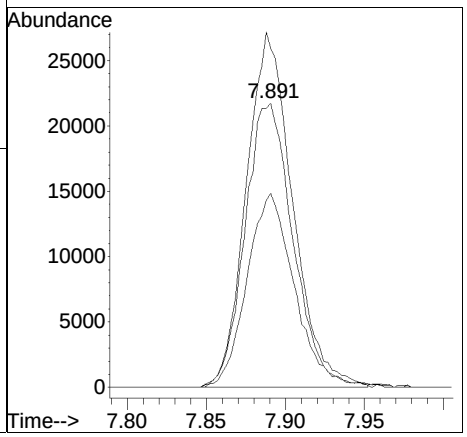


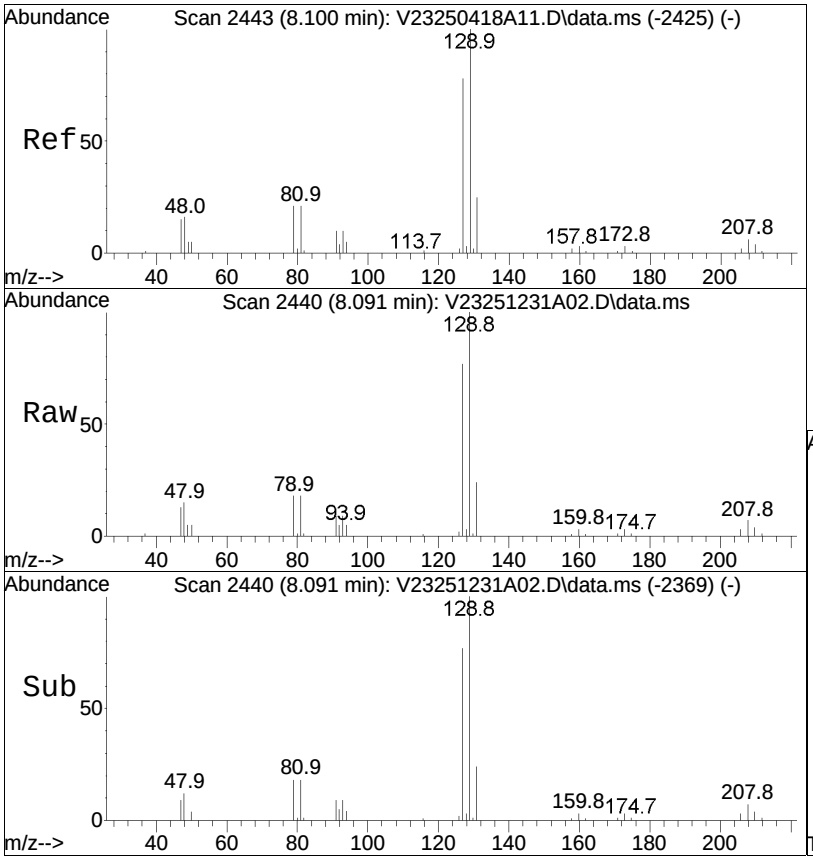


#68
1,1,2-Trichloroethane
Concen: 37.95 ug/L
RT: 7.891 min Scan# 2368
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 83 Resp: 45989

Ion	Ratio	Lower	Upper
83	100		
97	120.9	99.1	139.1
85	67.3	46.8	86.8

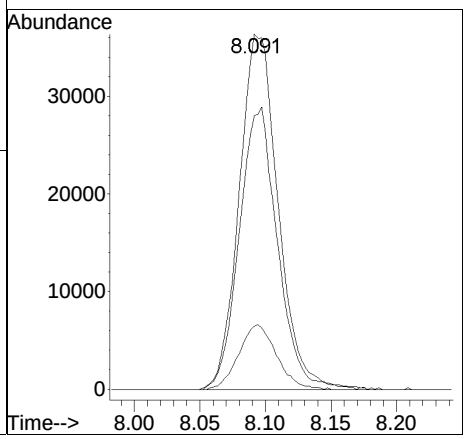


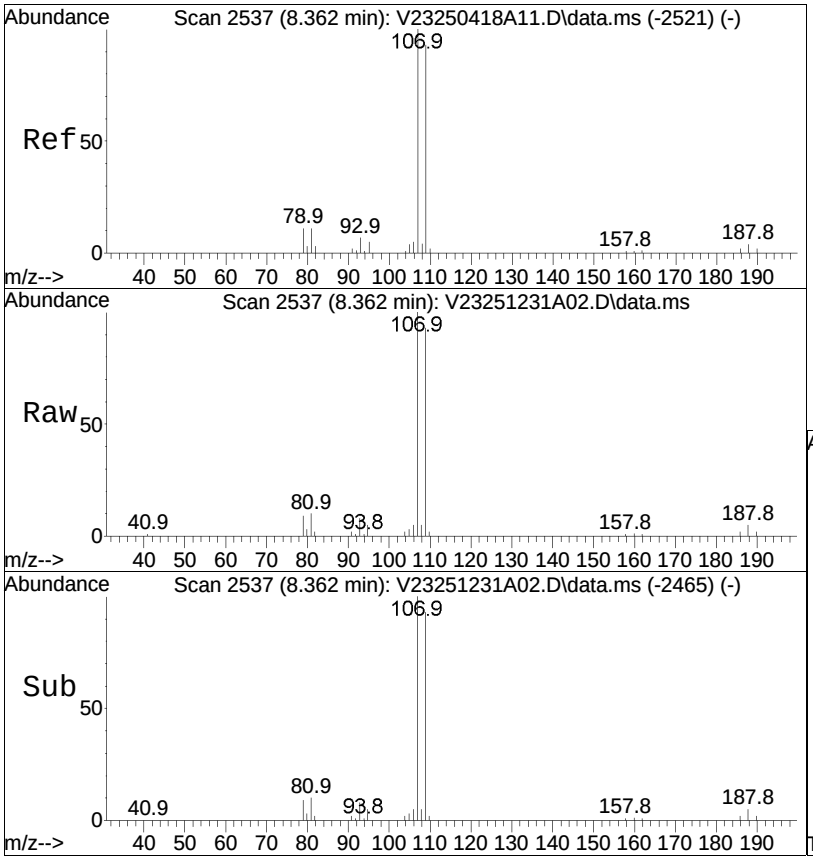


#69
Chlorodibromomethane
Concen: 43.21 ug/L
RT: 8.091 min Scan# 2440
Delta R.T. -0.003 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion:129 Resp: 75224

Ion	Ratio	Lower	Upper
129	100		
81	17.6	0.0	35.1
127	77.7	57.6	97.6

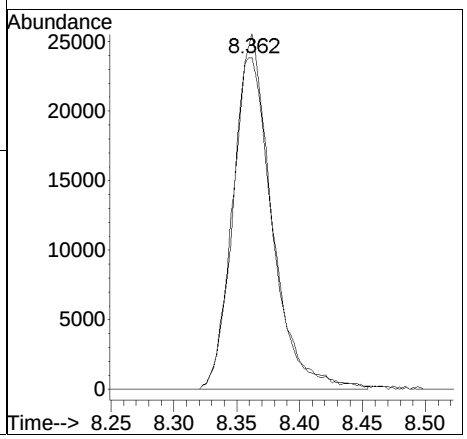


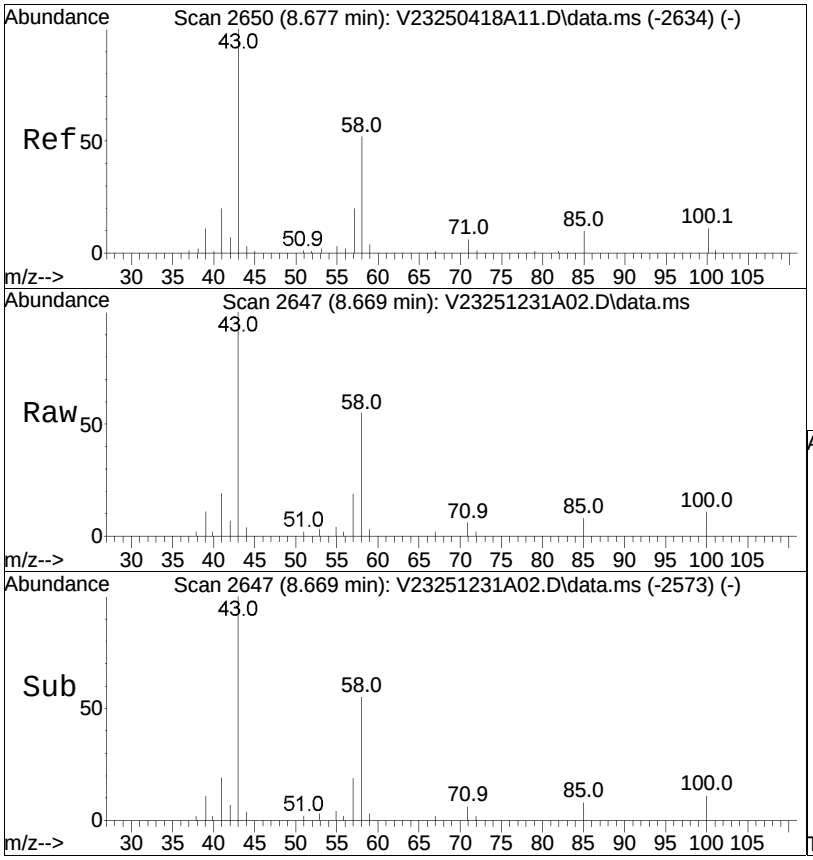


#71
1,2-Dibromoethane
Concen: 40.64 ug/L
RT: 8.362 min Scan# 2537
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion:107 Resp: 54666

Ion	Ratio	Lower	Upper
107	100		
109	94.9	76.1	114.1

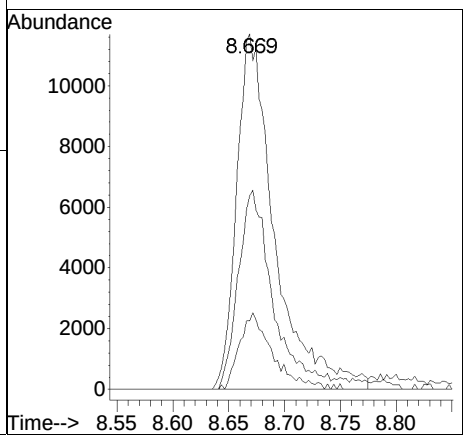


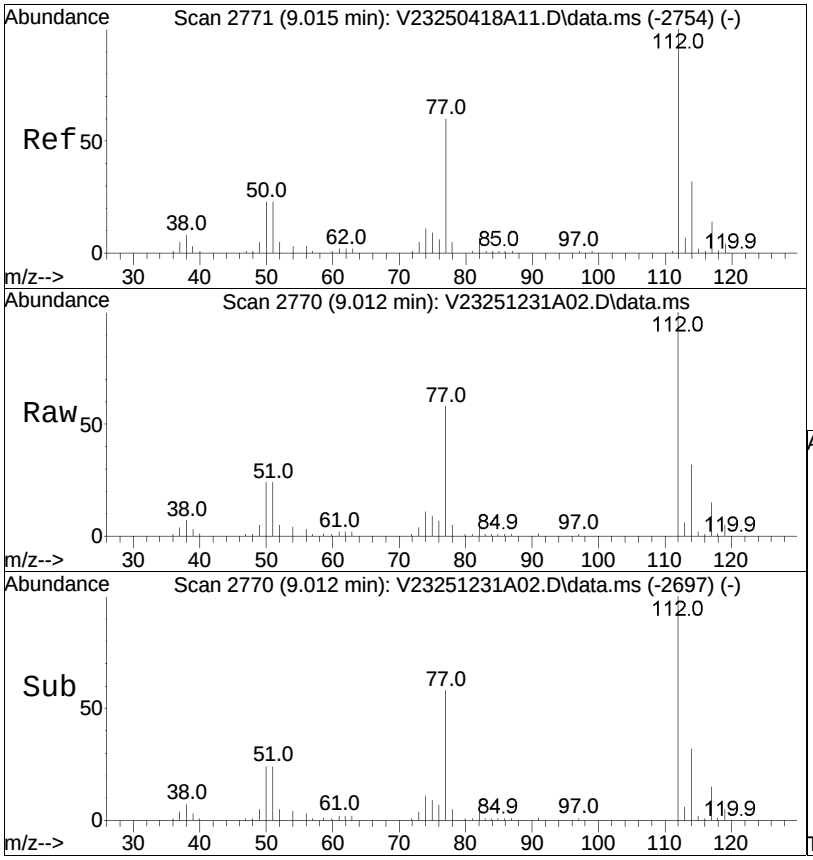


#72
2-Hexanone
Concen: 34.50 ug/L M1
RT: 8.669 min Scan# 2647
Delta R.T. 0.006 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 43 Resp: 27813

Ion	Ratio	Lower	Upper
43	100		
58	51.6	49.2	73.8
57	18.8	17.4	26.2

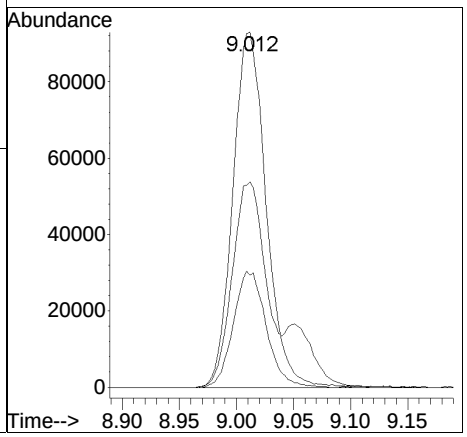


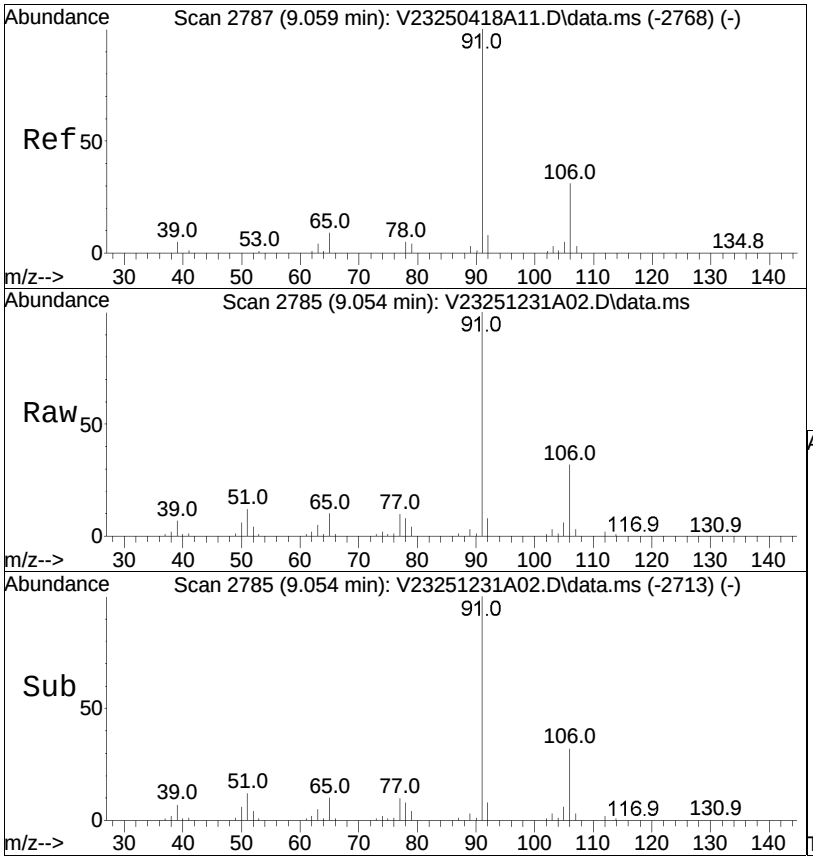


#73
Chlorobenzene
Concen: 39.10 ug/L
RT: 9.012 min Scan# 2770
Delta R.T. 0.003 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion:112 Resp: 188503

Ion	Ratio	Lower	Upper
112	100		
77	58.3	58.5	87.7#
114	32.3	25.8	38.6

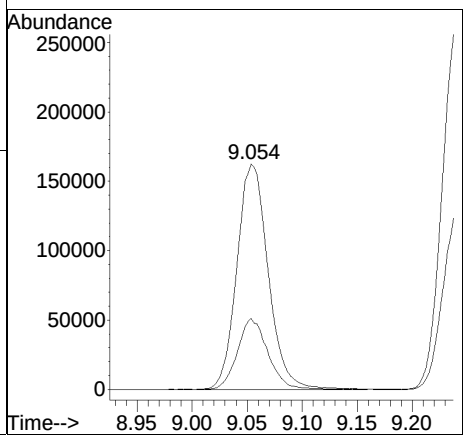


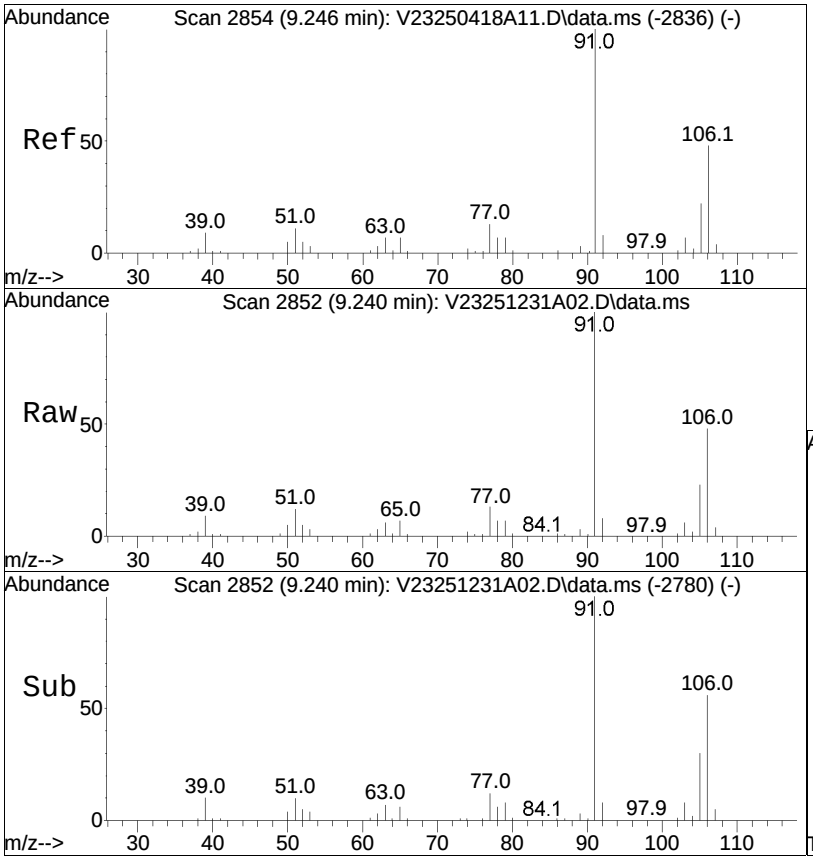


#74
Ethylbenzene
Concen: 38.55 ug/L
RT: 9.054 min Scan# 2785
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 91 Resp: 321968

Ion	Ratio	Lower	Upper
91	100		
106	30.4	25.2	37.8

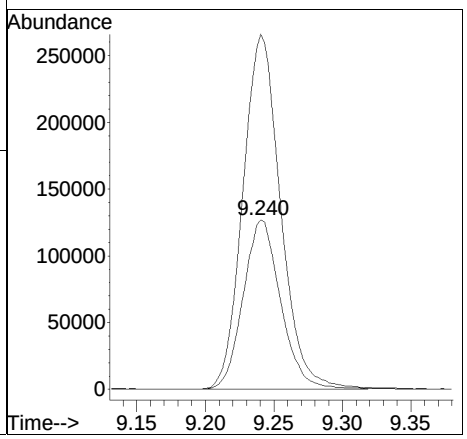


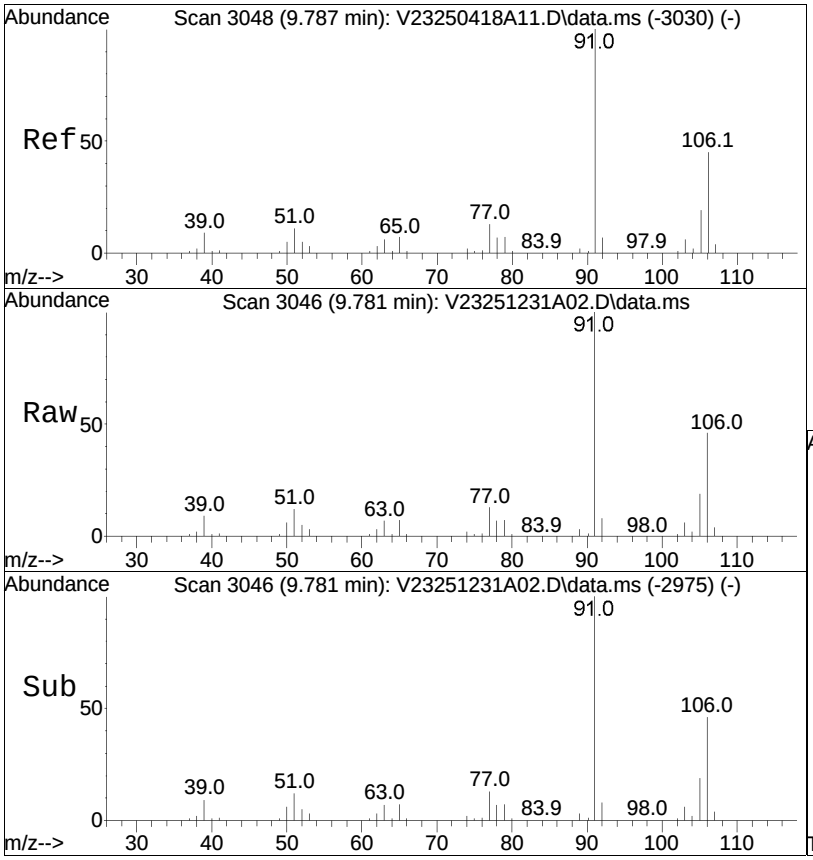


#76
p/m Xylene
Concen: 77.61 ug/L
RT: 9.240 min Scan# 2852
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion:106 Resp: 242348

Ion	Ratio	Lower	Upper
106	100		
91	210.7	160.4	240.6

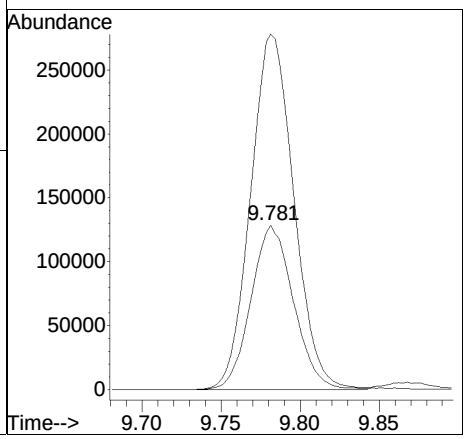


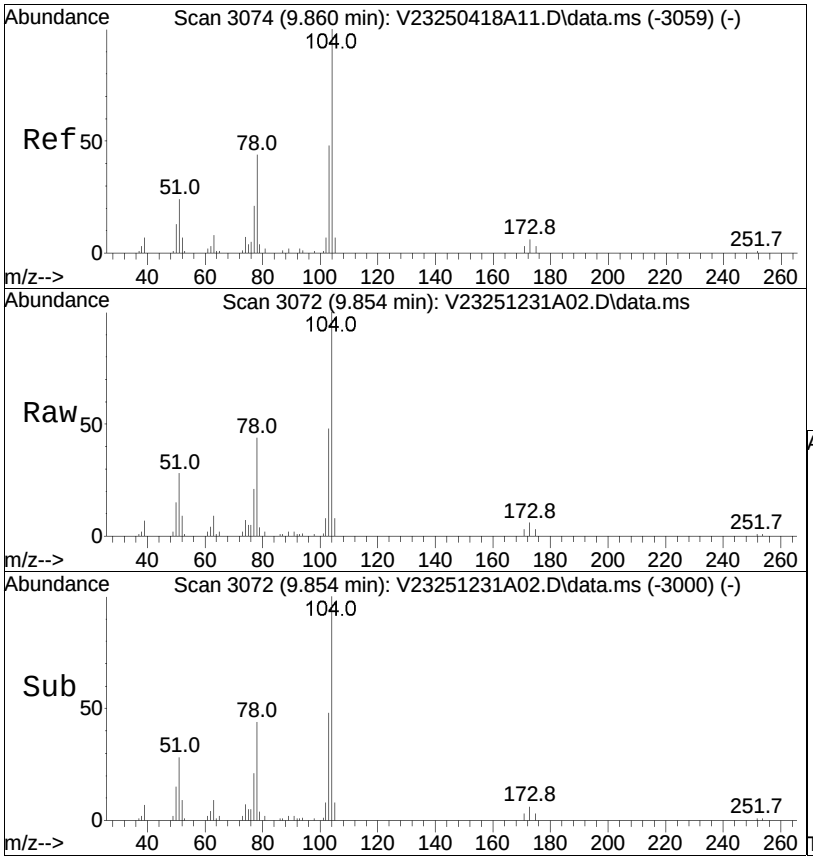


#77
o Xylene
Concen: 76.01 ug/L
RT: 9.781 min Scan# 3046
Delta R.T. -0.003 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion:106 Resp: 239541

Ion	Ratio	Lower	Upper
106	100		
91	220.4	169.6	254.4

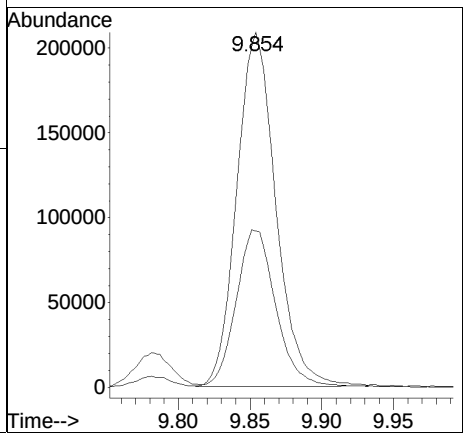


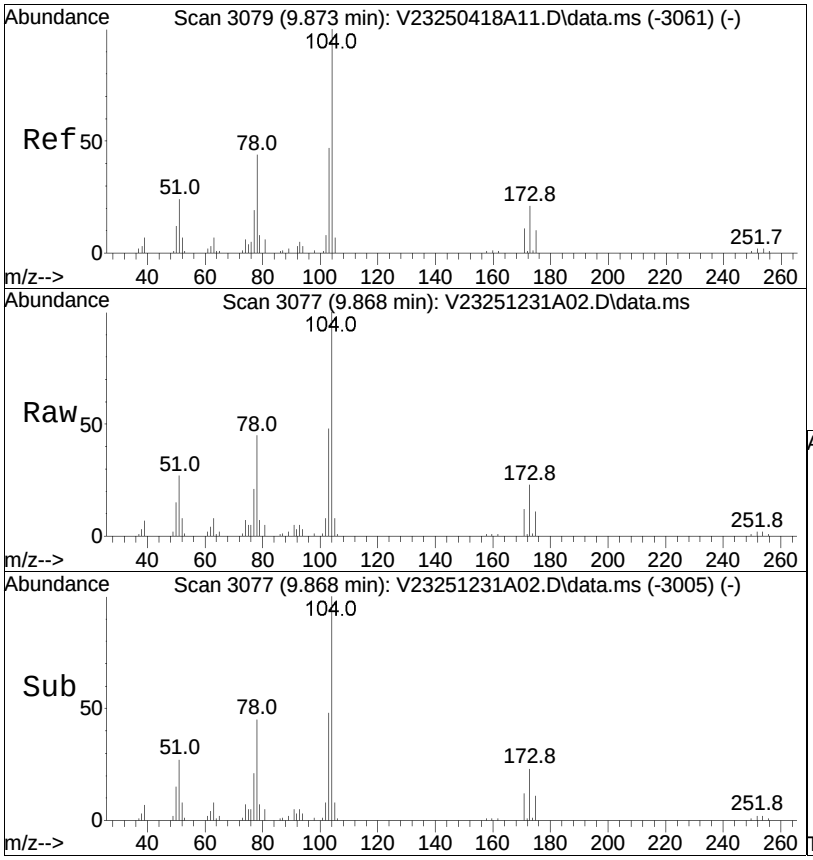


#78
Styrene
Concen: 74.58 ug/L
RT: 9.854 min Scan# 3072
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion:104 Resp: 396020

Ion	Ratio	Lower	Upper
104	100		
78	45.4	33.8	50.6

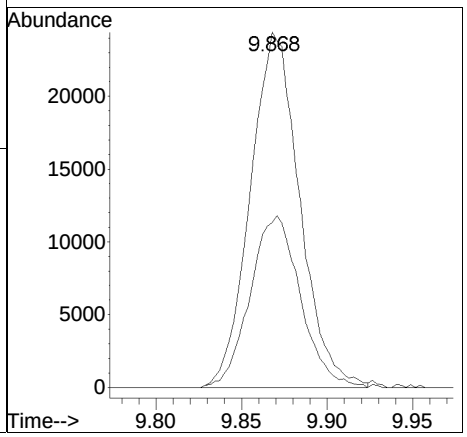


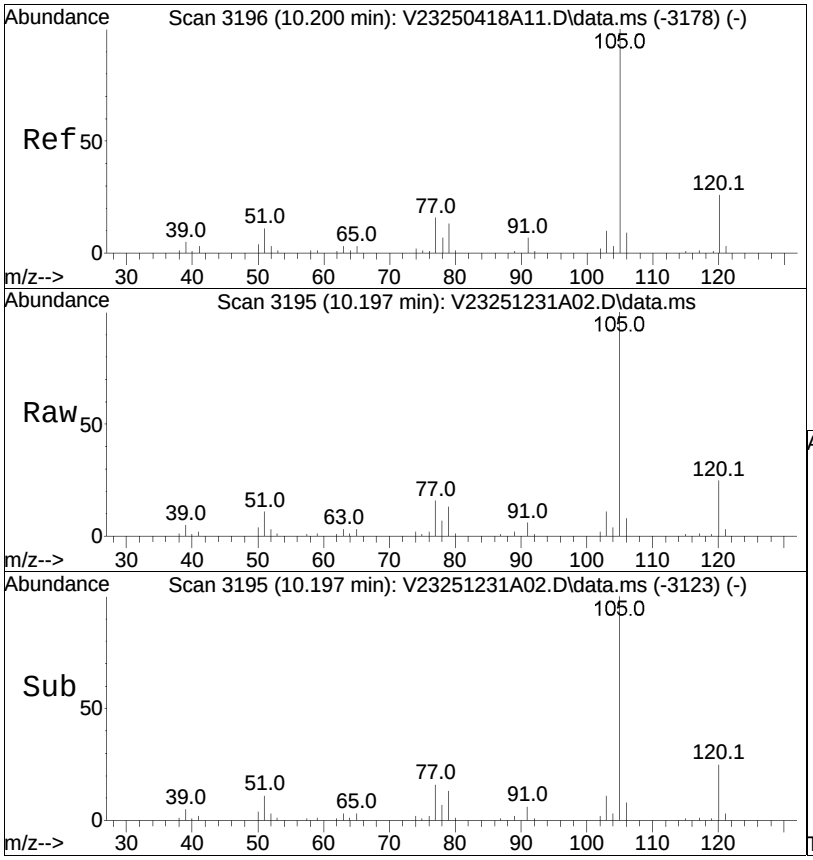


#80
Bromoform
Concen: 40.06 ug/L
RT: 9.868 min Scan# 3077
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion:173 Resp: 48963

Ion	Ratio	Lower	Upper
173	100		
175	49.1	28.7	68.7

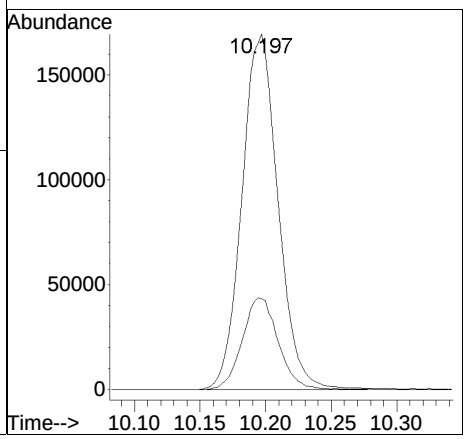


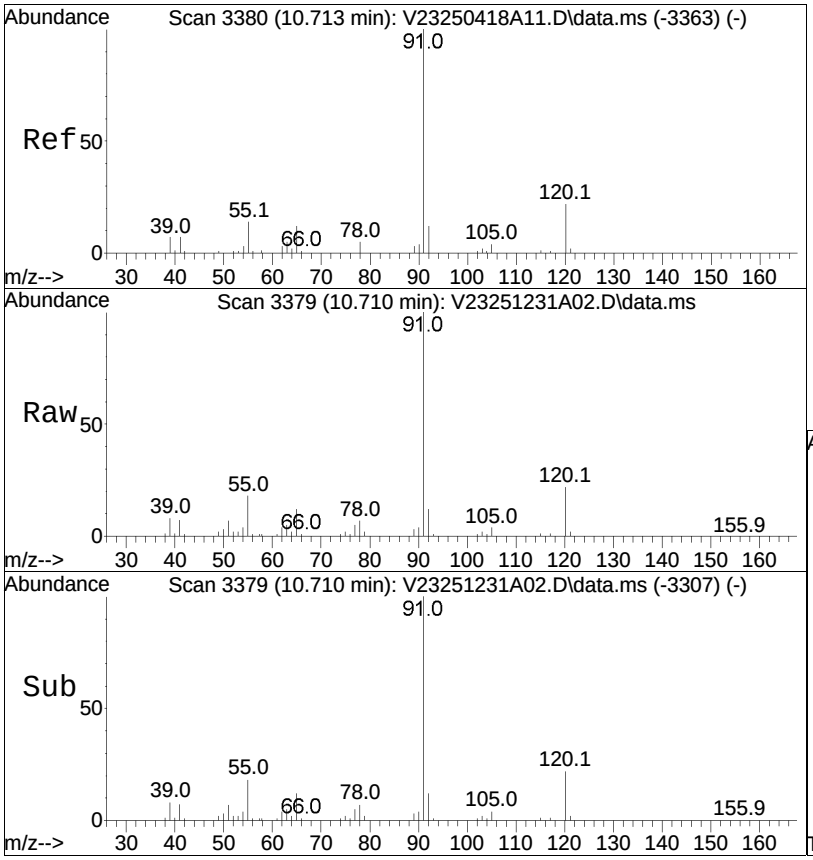


#82
Isopropylbenzene
Concen: 38.45 ug/L
RT: 10.197 min Scan# 3195
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion:105 Resp: 324580

Ion	Ratio	Lower	Upper
105	100		
120	25.4	6.6	46.6

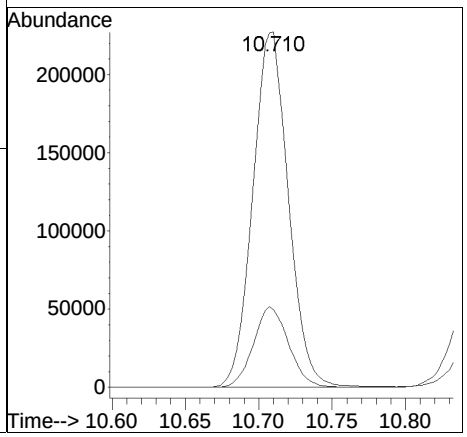


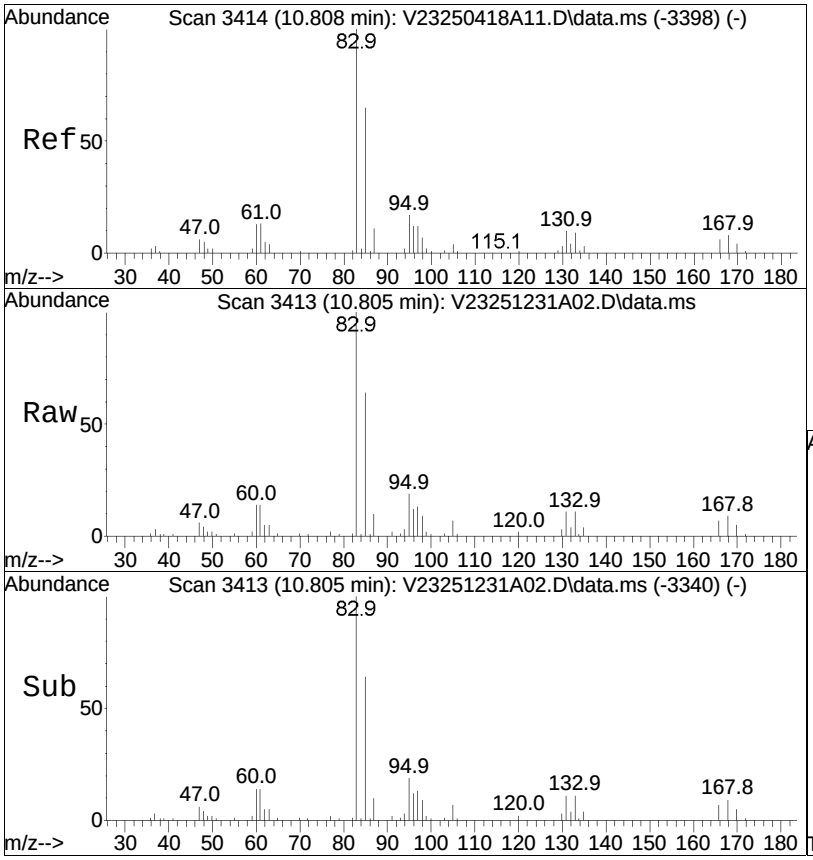


#85
n-Propylbenzene
Concen: 38.18 ug/L
RT: 10.710 min Scan# 3379
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 91 Resp: 383710

Ion	Ratio	Lower	Upper
91	100		
120	22.5	18.2	27.2

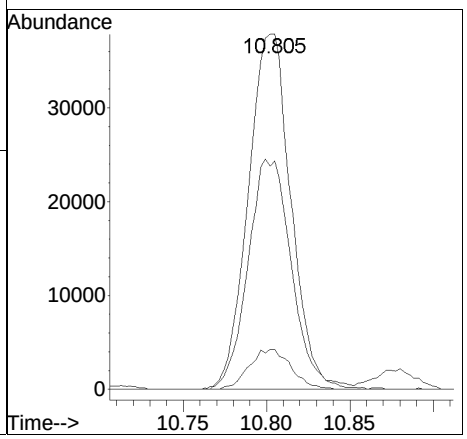


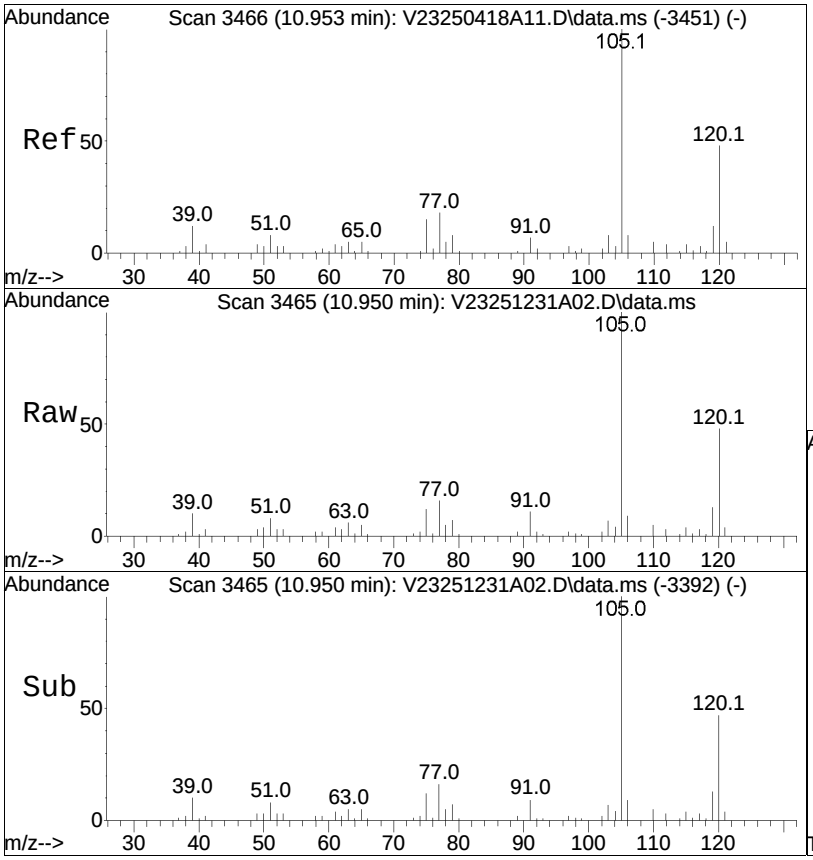


#87
1,1,2,2-Tetrachloroethane
Concen: 36.30 ug/L
RT: 10.805 min Scan# 3413
Delta R.T. 0.003 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 83 Resp: 67426

Ion	Ratio	Lower	Upper
83	100		
131	11.1	0.0	30.1
85	66.3	45.1	85.1

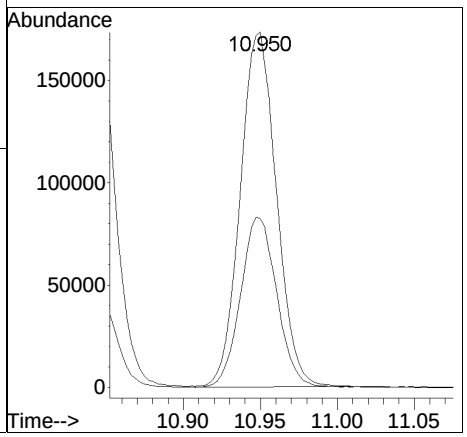


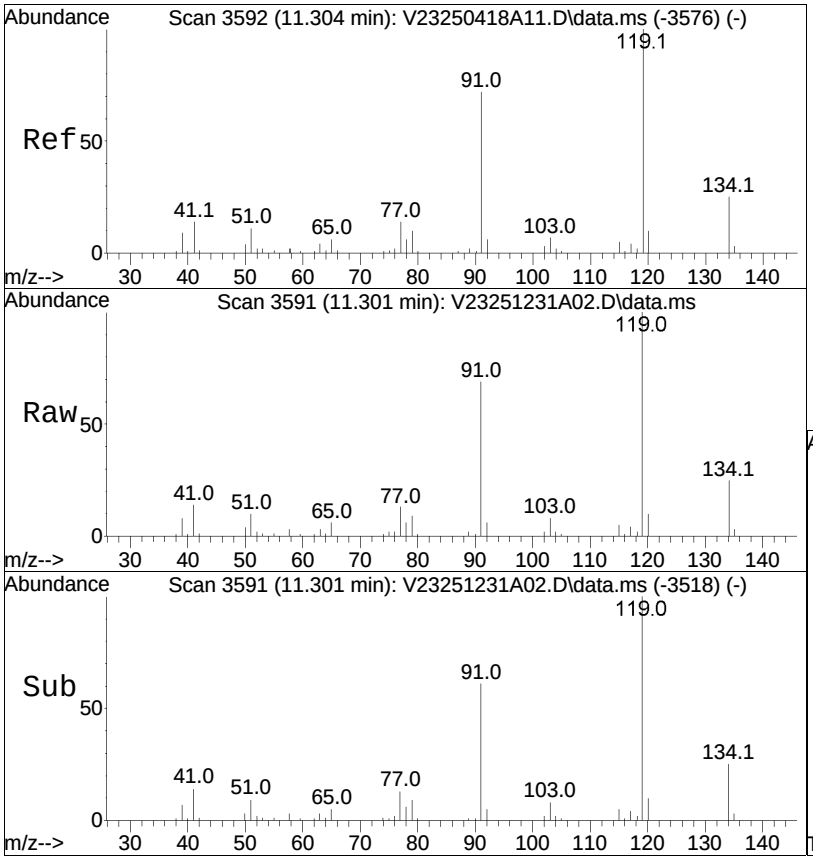


#90
1,3,5-Trimethylbenzene
Concen: 38.19 ug/L
RT: 10.950 min Scan# 3465
Delta R.T. 0.003 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion:105 Resp: 283284

Ion	Ratio	Lower	Upper
105	100		
120	48.1	39.9	59.9

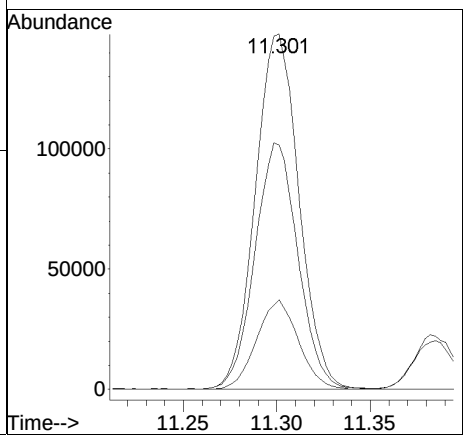


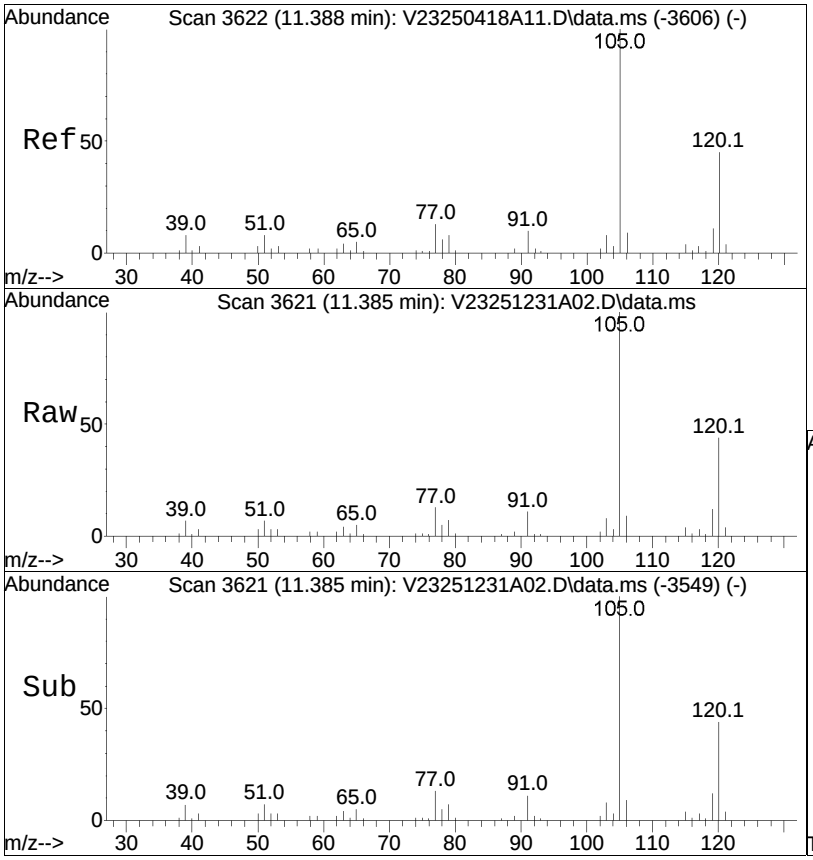


#94
tert-Butylbenzene
Concen: 38.81 ug/L
RT: 11.301 min Scan# 3591
Delta R.T. 0.003 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion:119 Resp: 241045

Ion	Ratio	Lower	Upper
119	100		
91	68.0	53.1	79.7
134	24.1	20.4	30.6

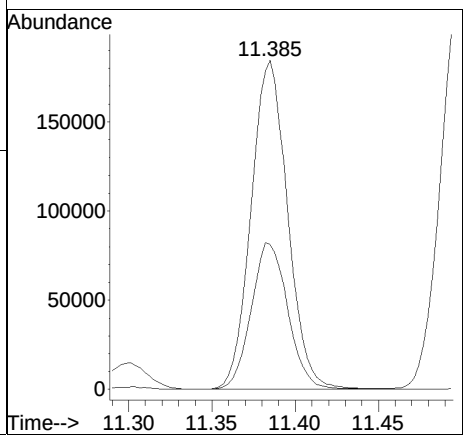


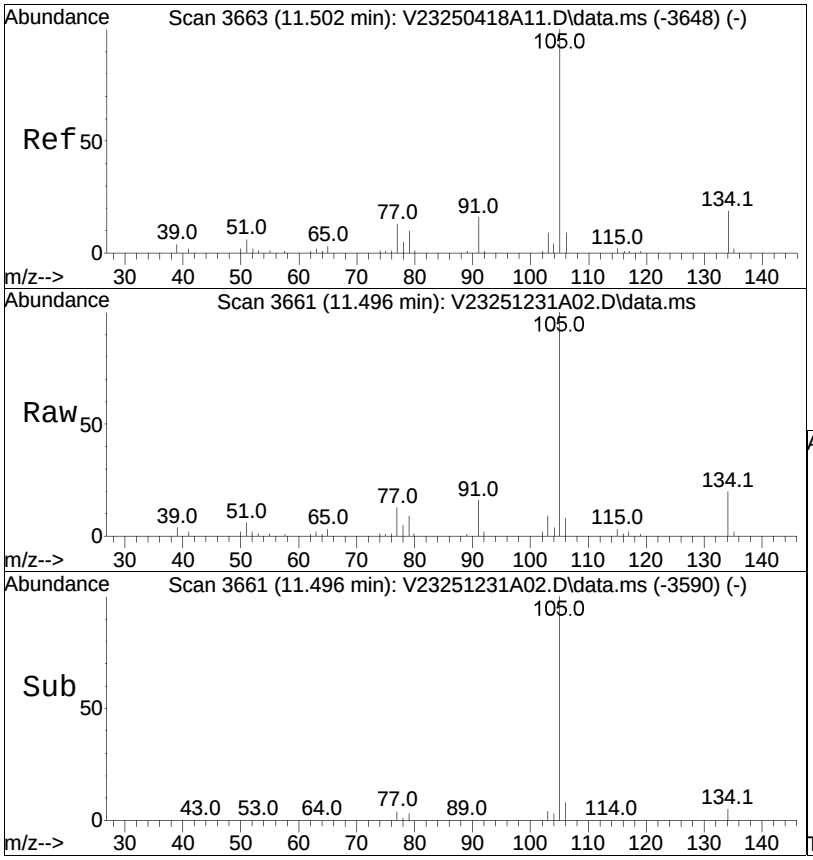


#97
1,2,4-Trimethylbenzene
Concen: 38.19 ug/L
RT: 11.385 min Scan# 3621
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion:105 Resp: 281550

Ion	Ratio	Lower	Upper
105	100		
120	44.6	36.9	55.3

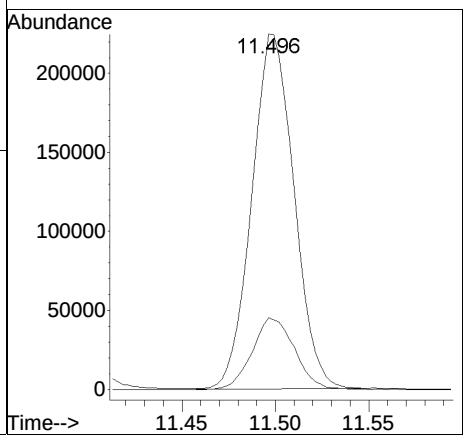


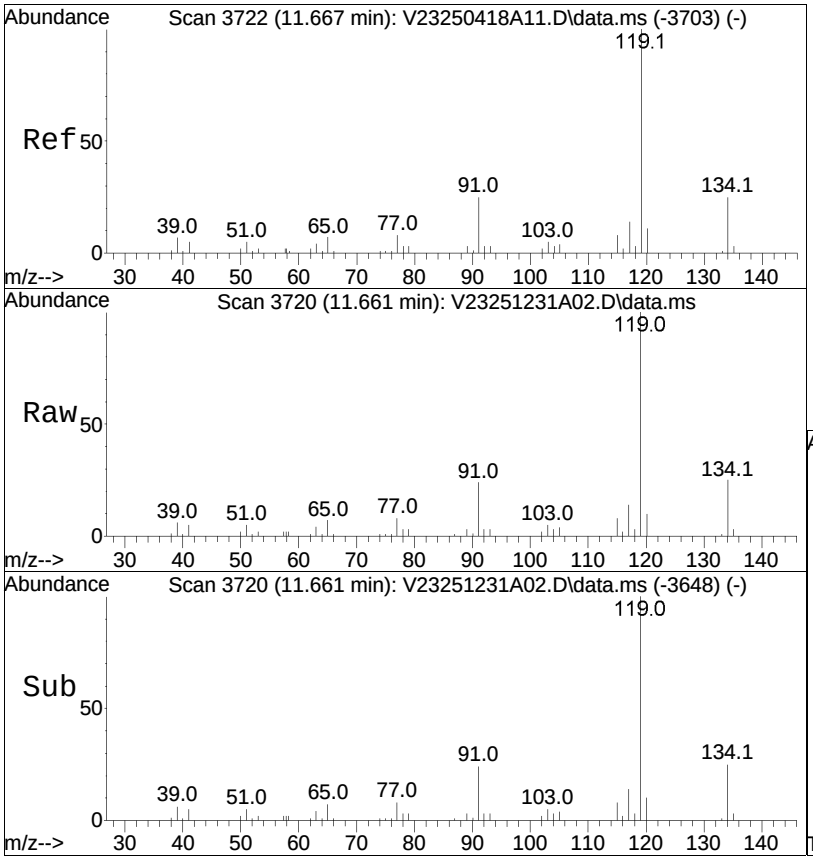


#98
sec-Butylbenzene
Concen: 37.96 ug/L
RT: 11.496 min Scan# 3661
Delta R.T. -0.003 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion:105 Resp: 352749

Ion	Ratio	Lower	Upper
105	100		
134	20.2	13.1	27.1

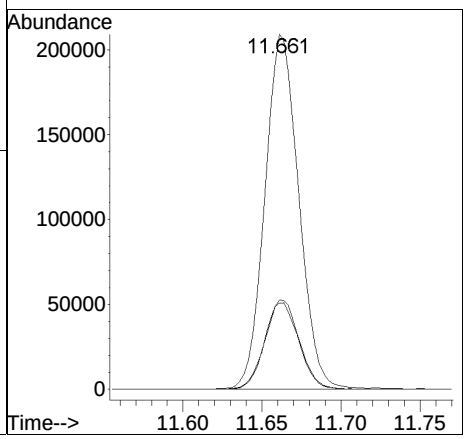


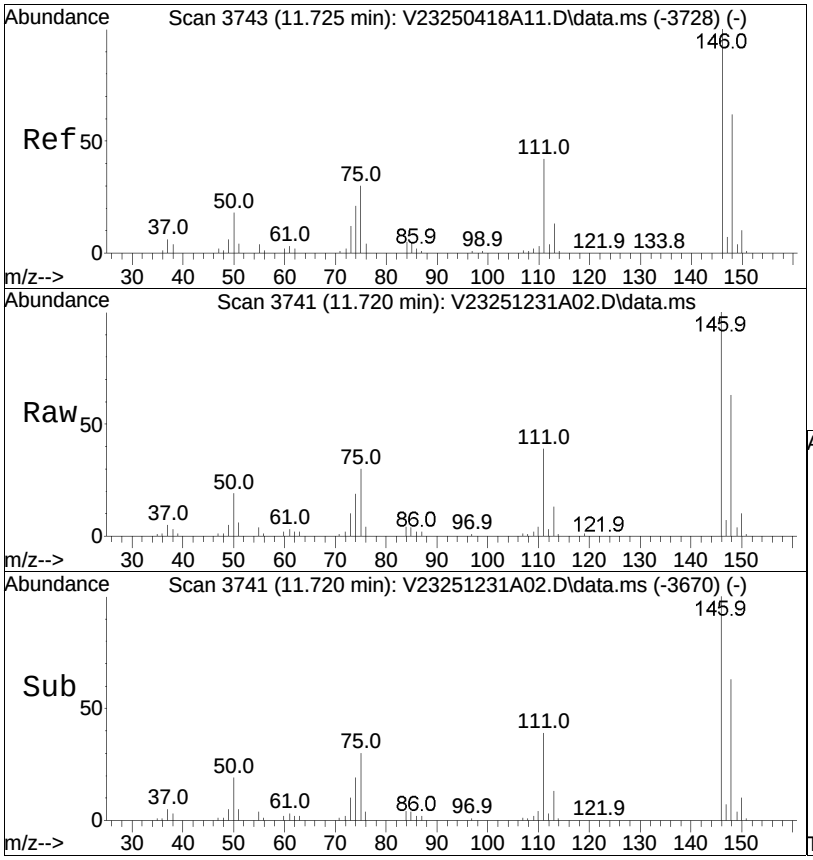


#99
p-Isopropyltoluene
Concen: 38.77 ug/L
RT: 11.661 min Scan# 3720
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion:119 Resp: 311995

Ion	Ratio	Lower	Upper
119	100		
134	25.5	17.2	35.6
91	25.0	15.1	31.3

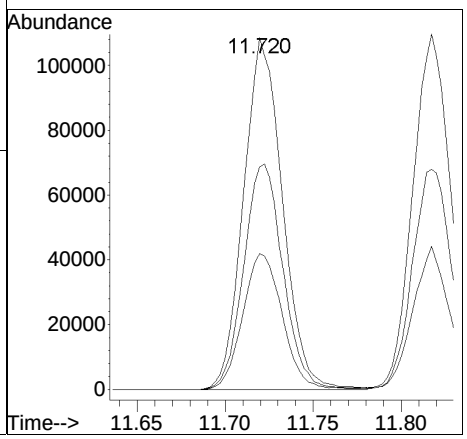


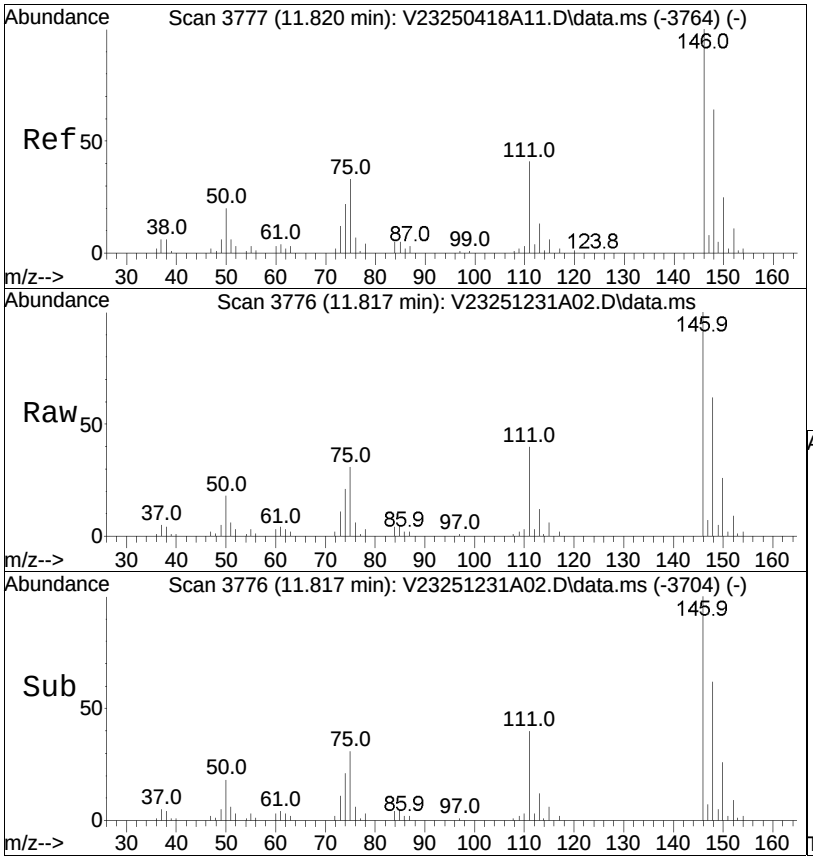


#100
1,3-Dichlorobenzene
Concen: 38.68 ug/L
RT: 11.720 min Scan# 3741
Delta R.T. -0.003 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion:146 Resp: 166432

Ion	Ratio	Lower	Upper
146	100		
111	39.2	26.0	54.0
148	64.7	41.4	86.0

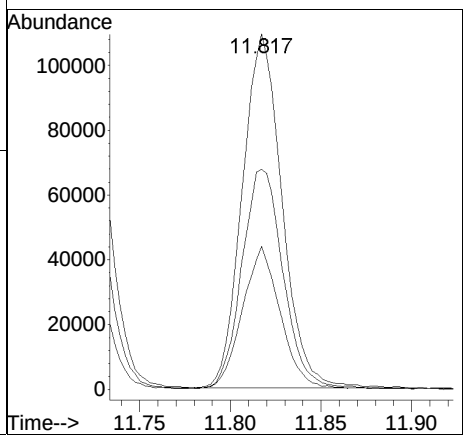


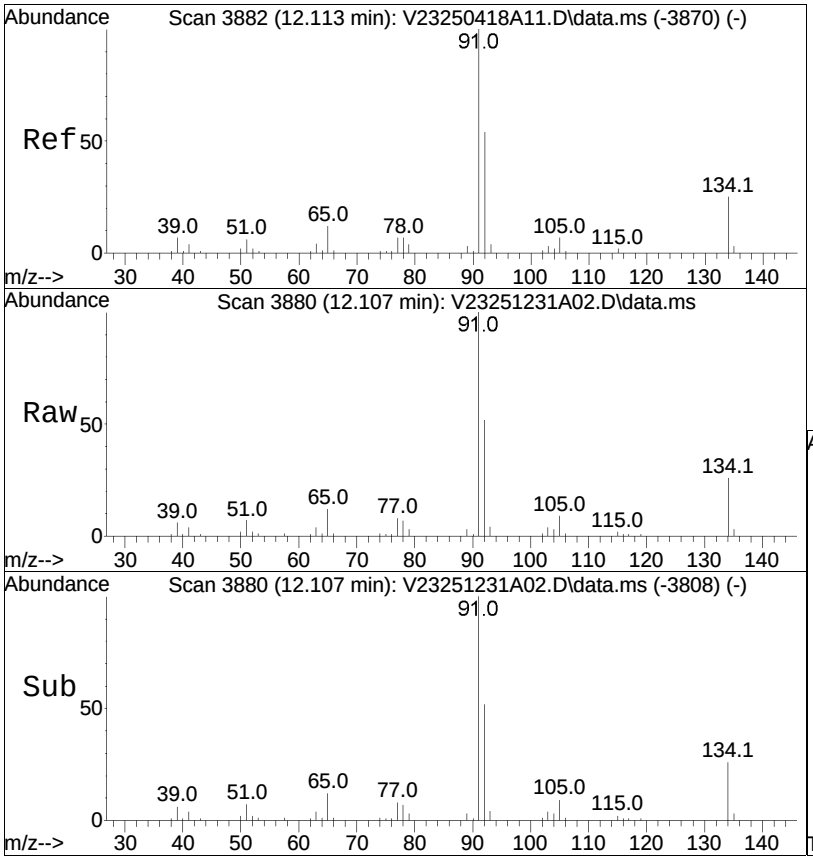


#101
1,4-Dichlorobenzene
Concen: 37.72 ug/L
RT: 11.817 min Scan# 3776
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion:146 Resp: 166263

Ion	Ratio	Lower	Upper
146	100		
111	38.8	31.1	46.7
148	64.4	50.8	76.2

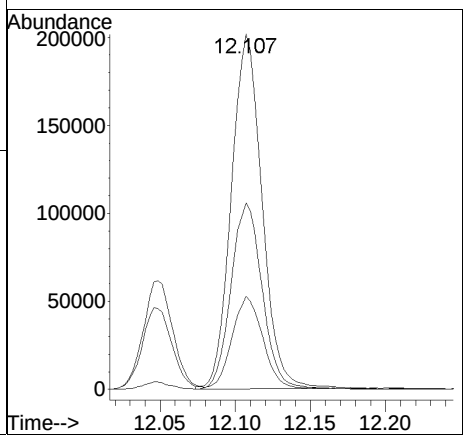


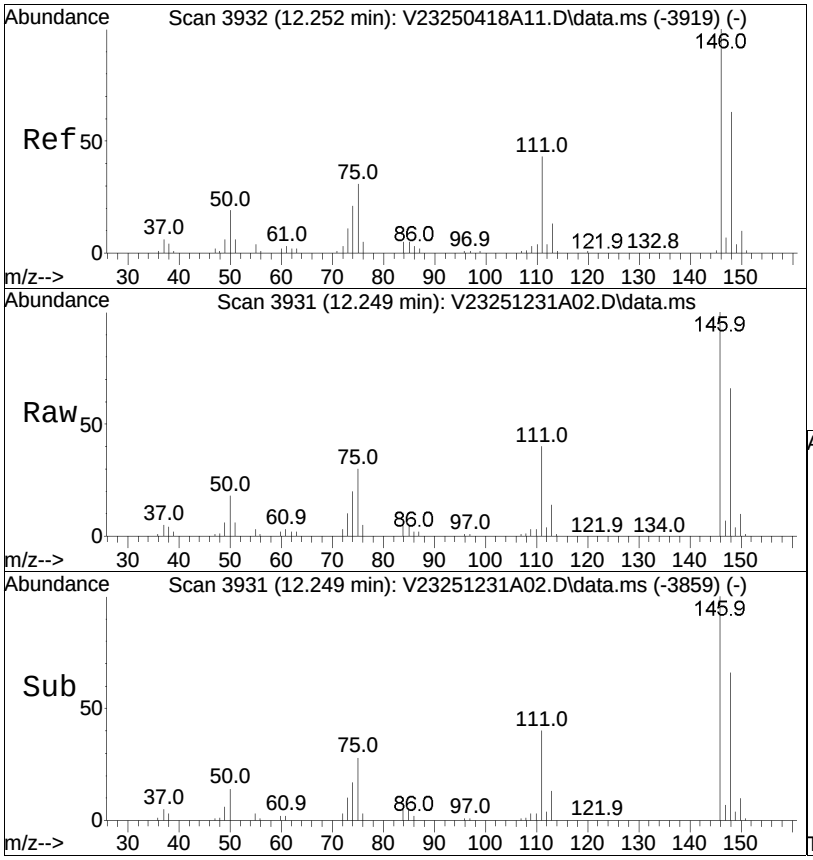


#103
n-Butylbenzene
Concen: 39.69 ug/L
RT: 12.107 min Scan# 3880
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion: 91 Resp: 286488

Ion	Ratio	Lower	Upper
91	100		
92	53.2	44.2	66.4
134	26.8	21.2	31.8

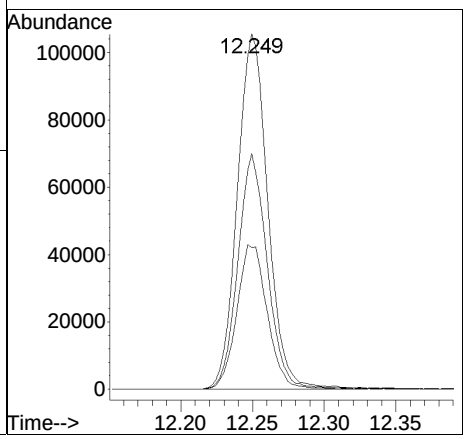


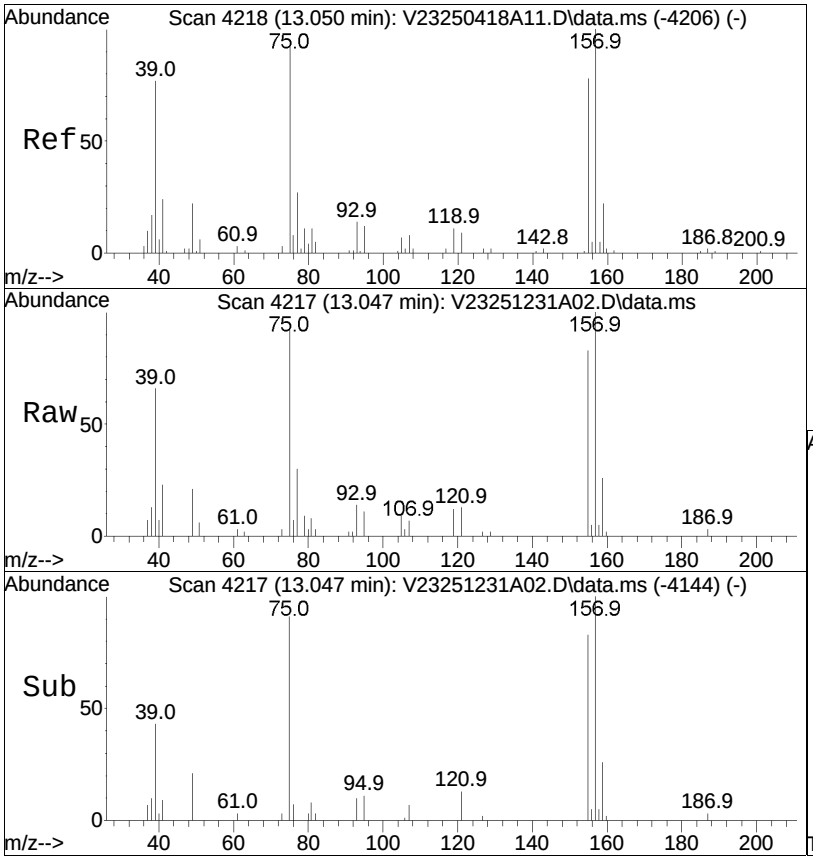


#104
1,2-Dichlorobenzene
Concen: 38.87 ug/L
RT: 12.249 min Scan# 3931
Delta R.T. -0.000 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion:146 Resp: 156762

Ion	Ratio	Lower	Upper
146	100		
111	40.7	26.8	55.8
148	63.6	41.3	85.7

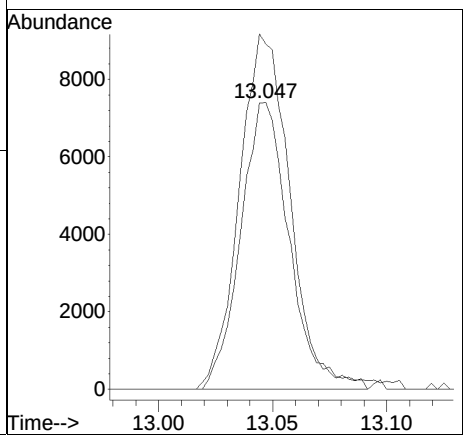


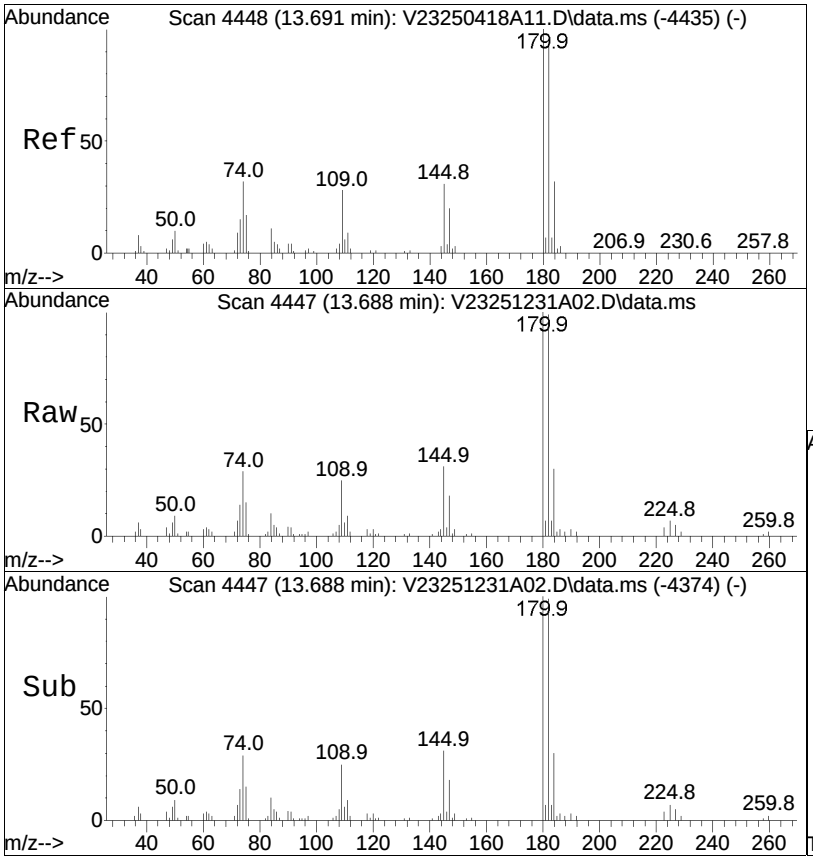


#106
1,2-Dibromo-3-chloropropane
Concen: 38.76 ug/L
RT: 13.047 min Scan# 4217
Delta R.T. 0.003 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion:155 Resp: 11016

Ion	Ratio	Lower	Upper
155	100		
157	129.4	101.5	152.3

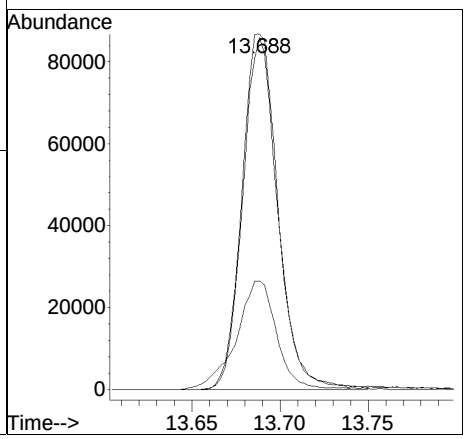


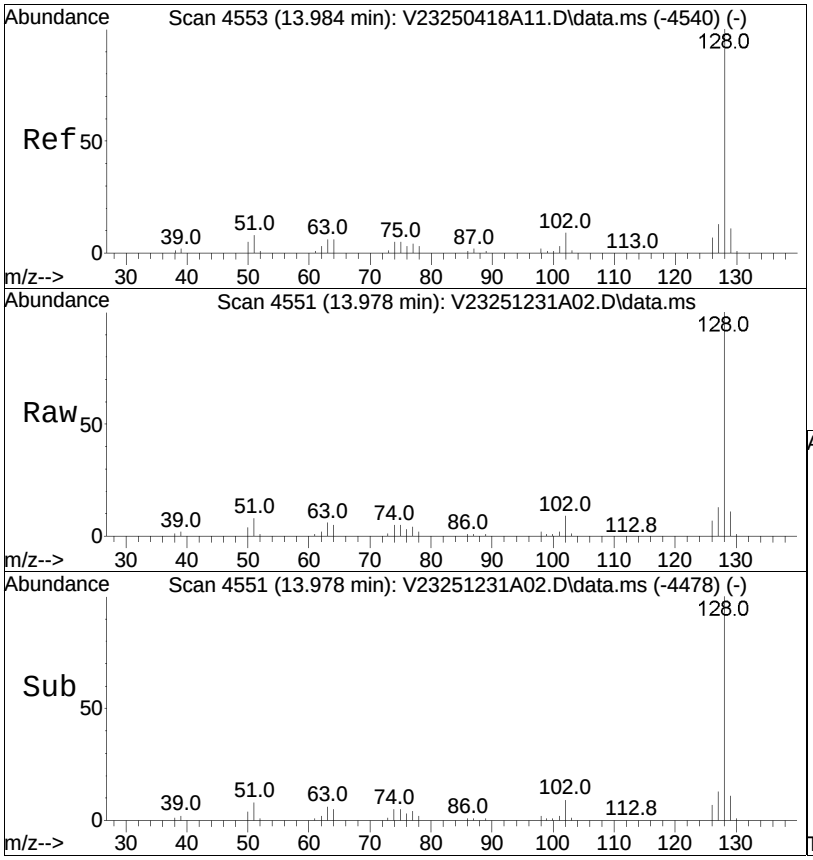


#109
1,2,4-Trichlorobenzene
Concen: 42.80 ug/L
RT: 13.688 min Scan# 4447
Delta R.T. 0.003 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

Tgt Ion:180 Resp: 124398

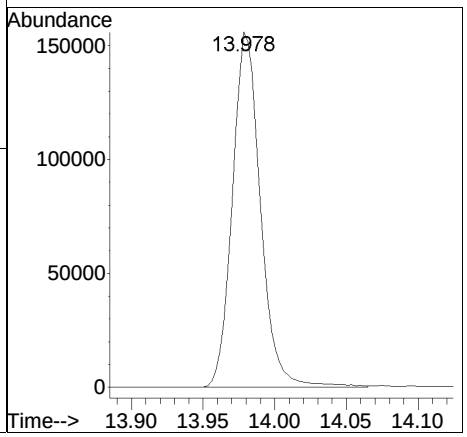
Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.2	114.4
145	33.6	27.4	41.2





#110
Naphthalene
Concen: 38.26 ug/L
RT: 13.978 min Scan# 4551
Delta R.T. 0.003 min
Lab File: V23251231A02.D
Acq: 31 Dec 2025 07:18 am

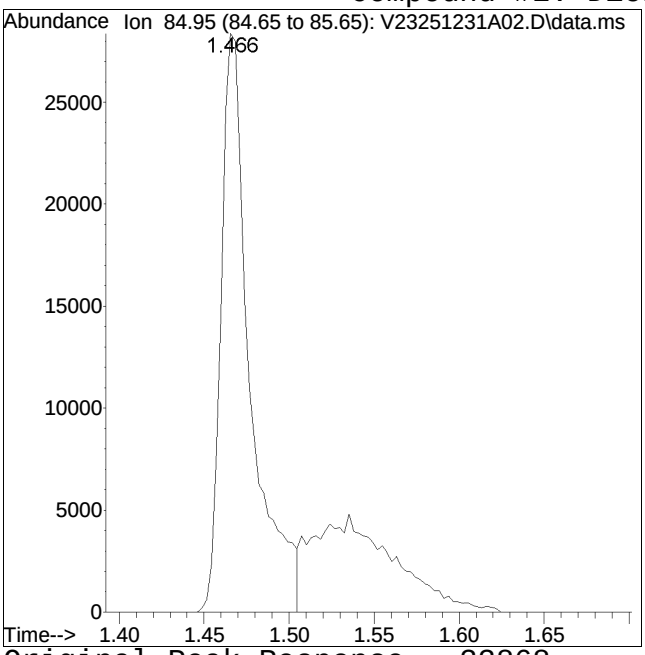
Tgt Ion:128 Resp: 213103

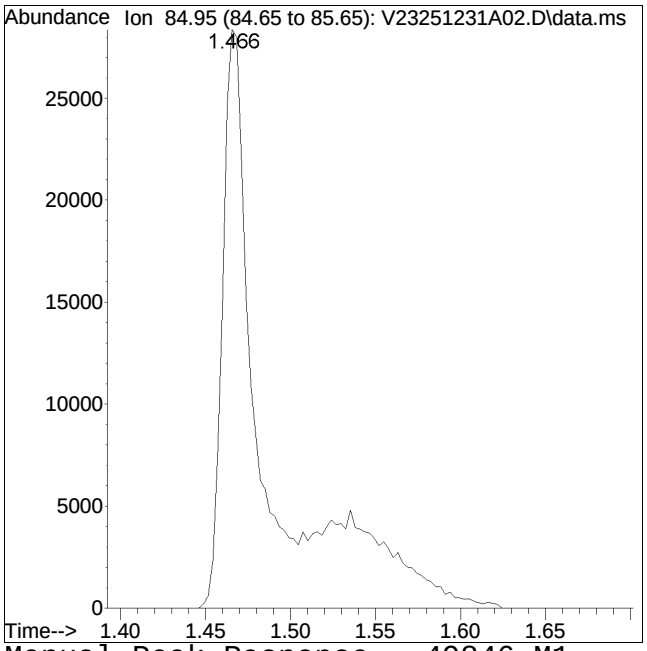


Manual Integration Report

Data Path : K:\VOA123\2025\251231A\ QMethod : V123_251103N_8260.m
Data File : V23251231A02.D Operator : VOA123:AJK
Date Inj'd : 12/31/2025 7:18 am Instrument : VOA123
Sample : WG2160756-4,31H,15,15,0.10 Quant Date : 12/31/2025 7:41 am

Compound #2: Dichlorodifluoromethane



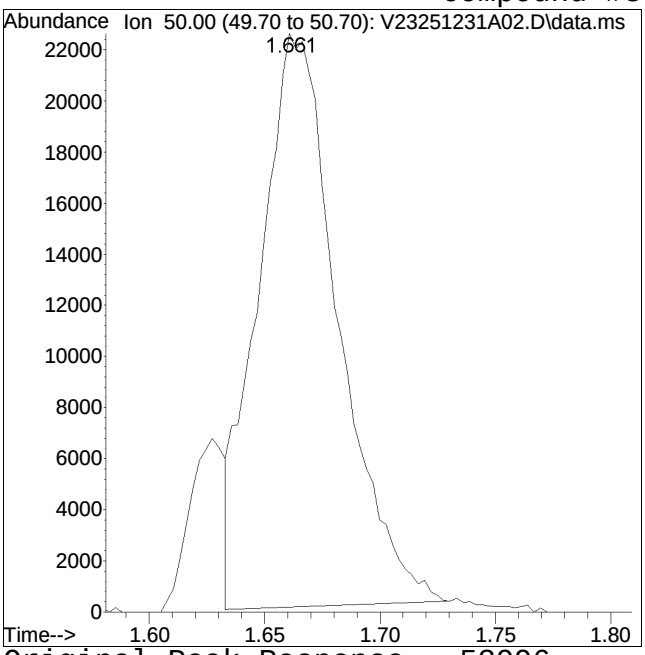


Original Peak Response = 33868 Manual Peak Response = 49846 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

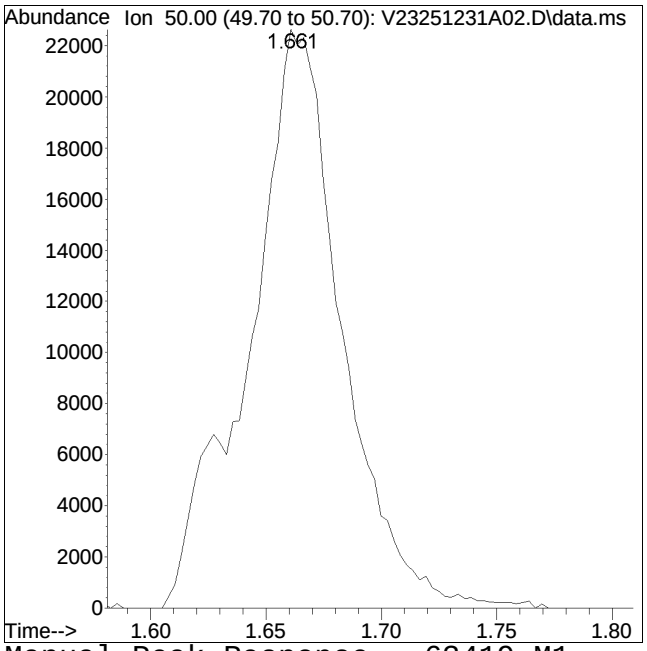
Manual Integration Report

Data Path : K:\VOA123\2025\251231A\ QMethod : V123_251103N_8260.m
Data File : V23251231A02.D Operator : VOA123:AJK
Date Inj'd : 12/31/2025 7:18 am Instrument : VOA123
Sample : WG2160756-4,31H,15,15,0.10 Quant Date : 12/31/2025 7:41 am

Compound #3: Chloromethane



Original Peak Response = 53996



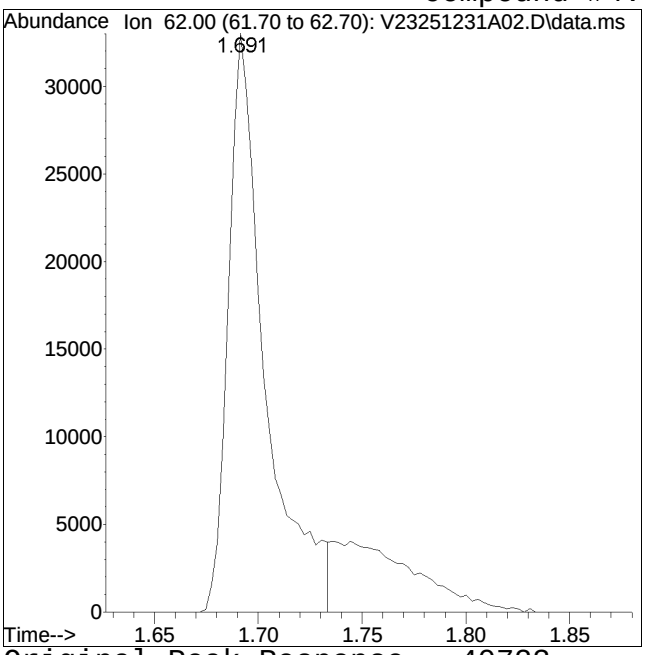
Manual Peak Response = 63419 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

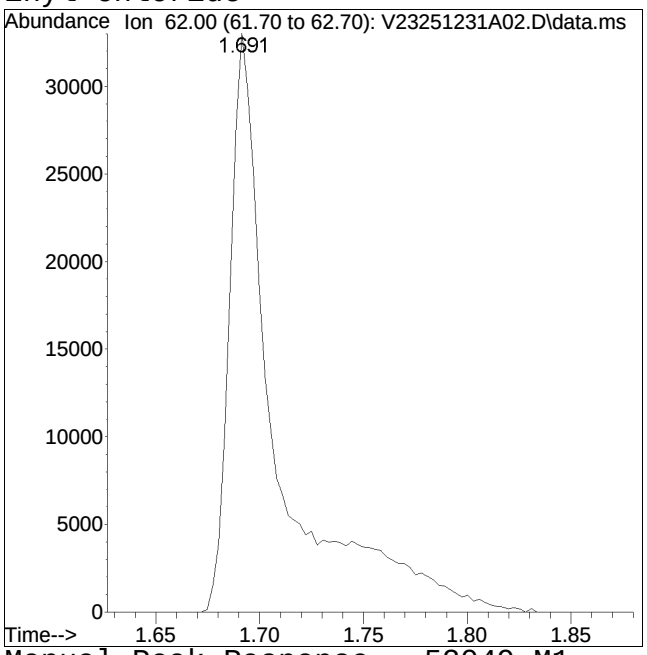
Manual Integration Report

Data Path : K:\VOA123\2025\251231A\ QMethod : V123_251103N_8260.m
Data File : V23251231A02.D Operator : VOA123:AJK
Date Inj'd : 12/31/2025 7:18 am Instrument : VOA123
Sample : WG2160756-4,31H,15,15,0.10Quant Date : 12/31/2025 7:41 am

Compound #4: Vinyl chloride



Original Peak Response = 40723



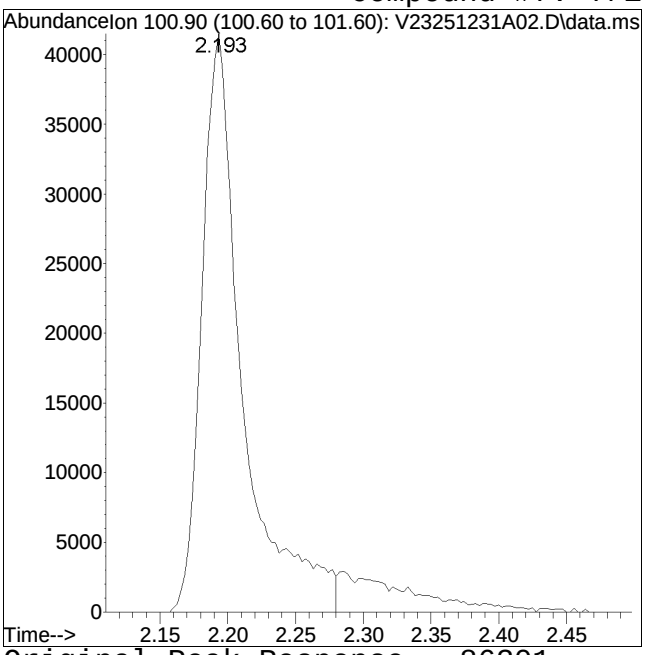
Manual Peak Response = 52049 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

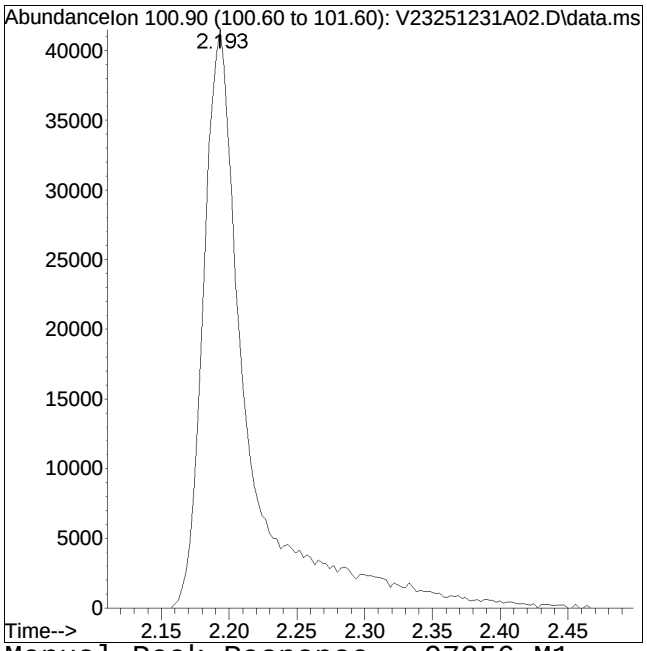
Manual Integration Report

Data Path : K:\VOA123\2025\251231A\ QMethod : V123_251103N_8260.m
Data File : V23251231A02.D Operator : VOA123:AJK
Date Inj'd : 12/31/2025 7:18 am Instrument : VOA123
Sample : WG2160756-4,31H,15,15,0.10 Quant Date : 12/31/2025 7:41 am

Compound #7: Trichlorofluoromethane



Original Peak Response = 86301



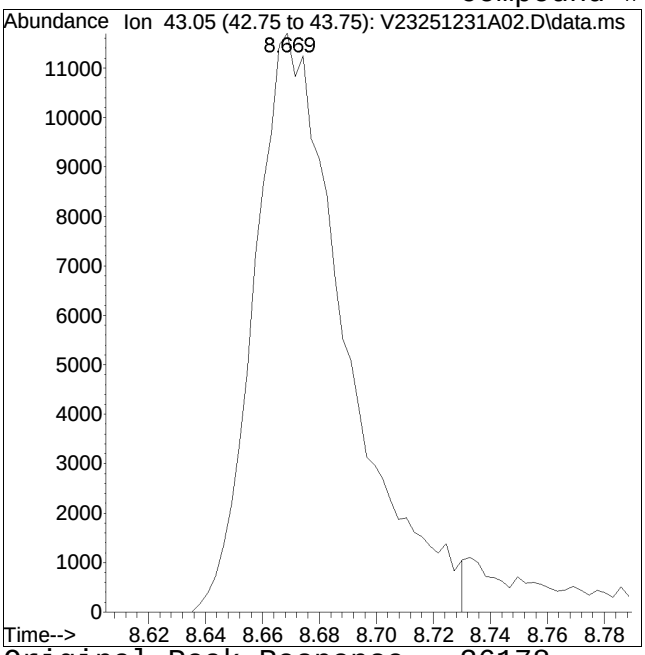
Manual Peak Response = 97356 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

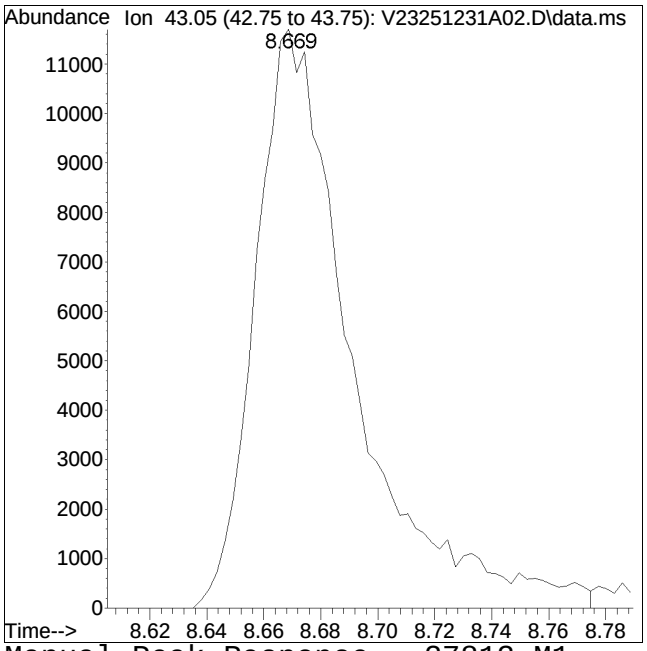
Manual Integration Report

Data Path : K:\VOA123\2025\251231A\ QMethod : V123_251103N_8260.m
Data File : V23251231A02.D Operator : VOA123:AJK
Date Inj'd : 12/31/2025 7:18 am Instrument : VOA123
Sample : WG2160756-4,31H,15,15,0.10 Quant Date : 12/31/2025 7:41 am

Compound #72: 2-Hexanone



Original Peak Response = 26178



Manual Peak Response = 27813 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Calculation of Volatile Organic Compounds

Aqueous Concentration Formula: Amt * DF * Uf * (1/Vo)

Where:
DF = Dilution Factor
Vo = Sample Volume Purged (mL)
Uf = ng Unit Correction Factor (mL)

Soil Concentration Formula: Amt * DF * (1/Wt)

Where:
DF = Dilution Factor
Wt = Weight of Sample (g)

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Jan 05 2026, 04:26 pm

Work Group: WG2159676 for Department: 31 GC/MS - Volatiles

Created: 29-DEC-25 Due: Operator: jic

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2580856-02	AREA01-BOTTOM-12152025	S	NYTCL-8260-R2	SOIL	DONE	U	1229	0105	S0	Vial-Large
L2580856-10	AREA04-WW-12182025	S	NYTCL-8260-R2	SOIL	DONE	U	0101	0105	S0	Vial-Large
WG2159676-1	MS BFB Tune Standard	S	NYTCL-8260-R2	SOIL	DONE	U				
WG2159676-2	Continuing Calibrati	S	NYTCL-8260-R2	SOIL	DONE	U				
WG2159676-3	Laboratory Control S	S	NYTCL-8260-R2	SOIL	DONE	U				
WG2159676-4	LCS Duplicate	S	NYTCL-8260-R2	SOIL	DONE	U				
WG2159676-5	Laboratory Method Bl	S	NYTCL-8260-R2	SOIL	DONE	U				

Comments:

WG2159676-4 WG2159676-3

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Jan 05 2026, 04:26 pm

Work Group: WG2159678 for Department: 31 GC/MS - Volatiles

Created: 29-DEC-25 Due: Operator: jic

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2580856-01	AREA01-SW-12152025	S	NYTCL-8260-R2	SOIL	DONE	U	1229	0105	S0	Vial-Large
L2580856-03	AREA02-NW-12152025	S	NYTCL-8260-R2	SOIL	DONE	U	1229	0105	S0	Vial-Large
L2580856-05	AREA03-NW-12162025	S	NYTCL-8260-R2	SOIL	DONE	U	1230	0105	S0	Vial-Large
L2580856-08	AREA04-BOTTOM-12182025	S	NYTCL-8260-R2	SOIL	DONE	U	0101	0105	S0	Vial-Large
L2580856-09	AREA04-SW-12182025	S	NYTCL-8260-R2	SOIL	DONE	U	0101	0105	S0	Vial-Large
L2580856-12	WW-PIPE-12182025	S	NYTCL-8260-R2	SOIL	DONE	U	0101	0105	S0	Vial-Large
WG2159678-1	MS BFB Tune Standard	S	NYTCL-8260-R2	SOIL	DONE	U				
WG2159678-2	Continuing Calibrati	S	NYTCL-8260-R2	SOIL	DONE	U				
WG2159678-3	Laboratory Control S	S	NYTCL-8260-R2	SOIL	DONE	U				
WG2159678-4	LCS Duplicate	S	NYTCL-8260-R2	SOIL	DONE	U				
WG2159678-5	Laboratory Method Bl	S	NYTCL-8260-R2	SOIL	DONE	U				

Comments:

WG2159678-4 WG2159678-3

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Jan 05 2026, 04:26 pm

Work Group: WG2159734 for Department: 31 GC/MS - Volatiles

Created: 29-DEC-25 Due: Operator: mjv

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2579635-01	EP-1	S	NYTCL-8260HLW	SOIL	DONE	U	1229	1230	S0	Encore-5
L2580856-07	AREA03-BOTTOM-12162025	S	NYTCL-8260-R2	SOIL	DONE	U	1230	0105	S0	Vial-Large
WG2159734-1	MS BFB Tune Standard	S	NYTCL-8260-R2	SOIL	DONE	U				
WG2159734-1	MS BFB Tune Standard	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2159734-2	Continuing Calibrati	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2159734-2	Continuing Calibrati	S	NYTCL-8260-R2	SOIL	DONE	U				
WG2159734-3	Laboratory Control S	S	NYTCL-8260-R2	SOIL	DACQ	U				
WG2159734-3	Laboratory Control S	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2159734-4	LCS Duplicate	S	NYTCL-8260-R2	SOIL	DACQ	U				
WG2159734-4	LCS Duplicate	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2159734-5	Laboratory Method Bl	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2159734-5	Laboratory Method Bl	S	NYTCL-8260-R2	SOIL	DACQ	U				

Comments:

WG2159734-4 WG2159734-3

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Jan 05 2026, 04:26 pm

Work Group: WG2160213 for Department: 31 GC/MS - Volatiles

Created: 30-DEC-25 Due: Operator: jic

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2580856-04	AREA03-SW-12162025	S	NYTCL-8260-R2	SOIL	DONE	U	1230	0105	S0	Vial-Large
L2580856-06	AREA03-EW-12162025	S	NYTCL-8260-R2	SOIL	DONE	U	1230	0105	S0	Vial-Large
WG2160213-1	MS BFB Tune Standard	S	NYTCL-8260-R2	SOIL	DONE	U				
WG2160213-2	Continuing Calibrati	S	NYTCL-8260-R2	SOIL	DONE	U				
WG2160213-3	Laboratory Control S	S	NYTCL-8260-R2	SOIL	DONE	U				
WG2160213-4	LCS Duplicate	S	NYTCL-8260-R2	SOIL	DONE	U				
WG2160213-5	Laboratory Method Bl	S	NYTCL-8260-R2	SOIL	DONE	U				

Comments:

WG2160213-4 WG2160213-3

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Jan 05 2026, 04:26 pm

Work Group: WG2160756 for Department: 31 GC/MS - Volatiles

Created: 31-DEC-25 Due: Operator: AJK

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2580856-11	NW-PIPE-12182025	S	NYTCL-8260-R2	SOIL	DONE	U	0101	0105	S0	Vial-Large
L2580857-02	B-09_87-89	S	NYTCL-8260HLW	SOIL	DONE	U	0101	1230	S0	8260SET
L2580857-04	B-09_97-99	S	NYTCL-8260H	SOIL	DONE	U	0101	1230	S0	Vial-F
L2580857-06	B-08_15.5-17.5	S	NYTCL-8260HLW	SOIL	DONE	U	0101	1230	S0	8260SET
L2580857-08	B-08_68-70	S	NYTCL-8260HLW	SOIL	DONE	U	0101	1230	S0	8260SET
WG2160756-1	MS BFB Tune Standard	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2160756-1	MS BFB Tune Standard	S	NYTCL-8260H	SOIL	DONE	U				
WG2160756-2	Continuing Calibrati	S	NYTCL-8260H	SOIL	DONE	U				
WG2160756-2	Continuing Calibrati	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2160756-3	Laboratory Control S	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2160756-3	Laboratory Control S	S	NYTCL-8260H	SOIL	DACQ	U				
WG2160756-4	LCS Duplicate	S	NYTCL-8260HLW	SOIL	DONE	U				
WG2160756-4	LCS Duplicate	S	NYTCL-8260H	SOIL	DACQ	U				
WG2160756-5	Laboratory Method Bl	S	NYTCL-8260H	SOIL	DACQ	U				
WG2160756-5	Laboratory Method Bl	S	NYTCL-8260HLW	SOIL	DONE	U				

Comments:

WG2160756-4 WG2160756-3

Inst: VOA123
Initials: RAW
Date: **11/03/25**
Run: **N**

BFB: V11435
IS/SS: V11474
ICAL: V11461E, V11523
ICV: V11470,V11469,V11490,V11491,V11516,V11517

Method
GC: E122111W
Autosampler: 8260water10ml
Concentrator: 8260

QC: _____ Seq: _____

Vial	Data File	Sample	Comments
1	V23251103BFB3	BFB	
1	V23251103BFB4	BFB	
1	V23251103BFB5	BFB	
1	V23251103BFB6	BFB	
1	V23251103N01	BLANK	
2	V23251103N02	BLANK	
3	V23251103N03	I8260STD0.5PPB	
4	V23251103N04	I8260STD0.5PPB	
5	V23251103N05	I8260STD1PPB	
6	V23251103N06	I8260STD1PPB	
7	V23251103N07	I8260STD2PPB	
8	V23251103N08	I8260STD4PPB	
11	V23251103N09	I8260STD20PPB	
12	V23251103N10	I8260STD40PPB	
13	V23251103N11	I8260STD100PPB	
14	V23251103N12	I8260STD200PPB	
15	V23251103N13	I8260STD300PPB	
16	V23251103N14	BLANK	
17	V23251103N15	BLANK	
18	V23251103N16	C8260STD40PPB	
21	V23251103N17	C8260STD40PPB	
22	V23251103N18	BLANK	
23	V23251103N19	BLANK	
24	V23251103N20	MEOH BLANK	
25	V23251103N21	MDL 0.5PPB	
26	V23251103N22	MDL 0.5PPB	
27	V23251103N23	MDL 1PPB	
28	V23251103N24	MDL 1PPB	
29	V23251103N25	MDL 4PPB	DOUBLE PURGE
30	V23251103N26	MDL 4PPB	DOUBLE PURGE
31	V23251103N27	BLANK	DOUBLE PURGE

Inst: VOA104
Initials: JFI
Date: 11/19/25
Run: **A**

BFB: v11543
IS/SS: V114522
ICAL: V11534D, V11542
ICV: V11528, V11529, V11539, V11516, V11517

Method
GC: 8260SOIL
Autosampler: 8260-soil
Concentrator: 8260

QC: ____ Seq: _____

Vial	Data File	Sample	Comments	WG	OBS
1	V04251119BFB6	BFB			
1	V04251119A01	BLK			
2	V04251119A02	I8260STD0.5PPB			
3	V04251119A03	I8260STD0.5PPB			
4	V04251119A04	I8260STD1.0PPB			
5	V04251119A05	I8260STD1.0PPB			
6	V04251119A06	I8260STD2.0PPB			
7	V04251119A07	I8260STD2.0PPB			
8	V04251119A08	I8260STD4.0PPB			
9	V04251119A09	I8260STD20PPB			
10	V04251119A10	I8260STD40PPB			
11	V04251119A11	I8260STD100PPB			
12	V04251119A12	I8260STD200PPB			
13	V04251119A13	I8260STD300PPB			
14	V04251119A14	BLK			
15	V04251119A15	BLK			
16	V04251119A16	BLK			
17	V04251119A17	C8260STD40PPB			
18	V04251119A18	C8260STD40PPB			
19	V04251119A19	BLK			
20	V04251119A20	MEOH BLK			
21	V04251119A21	LOQ 0.5PPB			
22	V04251119A22	LOQ 1.0PPB			
23	V04251119A23	LOQ 4.0PPB			

Inst: VOA100
Initials: RAW
Date: **12/23/25**
Run: **A**

BFB V11543
IS/SS: V11574
ICAL: V11597D,V11615
ICV: V11581,V11580,V11589,V11590,V11579,V11616

Method
GC: 8260_
Autosampler: 8260soil
Concentrator: 8260_

QC:_____ Seq:_____

Vial	Data File	SAMPLE	Comments	LOW	HIGH	OBS
1	V00251223BFB1	BFB				
1	V00251223A01	BLK				
2	V00251223A02	BLK				
3	V00251223A03	I8260STD0.5PPB				
4	V00251223A04	I8260STD0.5PPB				
5	V00251223A05	I8260STD1PPB				
6	V00251223A06	I8260STD1PPB				
7	V00251223A07	I8260STD2PPB				
8	V00251223A08	I8260STD4PPB				
9	V00251223A09	I8260STD20PPB				
10	V00251223A10	I8260STD40PPB				
11	V00251223A11	I8260STD100PPB				
12	V00251223A12	I8260STD200PPB				
13	V00251223A13	I8260STD300PPB				
14	V00251223A14	BLANK				
15	V00251223A15	BLANK				
16	V00251223A16	BLANK				
17	V00251223A17	BLANK				
18	V00251223A18	C8260STD40PPB				
19	V00251223A19	C8260STD40PPB				
20	V00251223A20	BLANK				

Inst: VOA100
Initials: RAW
Date: **12/28/25**
Run: **A**

BFB V11543
IS/SS: V11574
ICAL: V11597D,V11615

Method
GC: 8260_
Autosampler: 8260soil
Concentrator: 8260_

QC:_____ Seq:_____

Vial	Data File	SAMPLE	Comments	LOW	HIGH	OBS
1	V00251228BFB1	BFB				
1	V00251228A01	8260 LCS				
2	V00251228A02	8260 LCS				
3	V00251228A03	8260 LCS				
4	V00251228A04	BLK				
5	V00251228A05	MEOH BLK				
6	V00251228A06	L2580856-02,31,6.62,5,,Y	NYTCL R2+10			
7	V00251228A07	L2580856-10,31,5.62,5,,Y	NYTCL R2+10			
8	V00251228A08	L2580856-01,31H,5.14,5,0.100,,X	NYTCL/H R2+10			
9	V00251228A09	L2580856-01D,31H,5.14,5,0.02,,X	NYTCL/H R2+10			
10	V00251228A10	L2580856-03,31H,5.76,5,0.100,,X	NYTCL/H R2+10			
11	V00251228A11	L2580856-04D,31H,5.48,5,0.02,,X	NYTCL/H R2+10			
12	V00251228A12	L2580856-04D2,31H,5.48,5,0.005,,X	NYTCL/H R2+10			
13	V00251228A13	L2580856-05,31,5.31,5,,Y	NYTCL R2+10			
14	V00251228A14	L2580856-05,31H,5.59,5,0.100,,X	NYTCL/H R2+10			
15	V00251228A15	L2580856-06D,31H,5.29,5,0.01,,X	NYTCL/H R2+10			
16	V00251228A16	L2580856-06D2,31H,5.29,5,0.002,,X	NYTCL/H R2+10			
17	V00251228A17	L2580856-07,31H,5.42,5,0.100,,X	NYTCL/H R2+10			
18	V00251228A18	L2580856-08,31H,6.63,5,0.100,,X	NYTCL/H R2+10			
19	V00251228A19	L2580856-09,31H,5.40,5,0.100,,X	NYTCL/H R2+10			
20	V00251228A20	L2580856-11D,31H,6.32,5,0.02,,X	NYTCL/H R2+10			
21	V00251228A21	L2580856-11D2,31H,6.32,5,0.01,,X	NYTCL/H R2+10			
22	V00251228A22	L2580856-12D,31H,6.14,5,0.02,,X	NYTCL/H R2+10			
23	V00251228A23	L2580856-12D2,31H,6.14,5,0.005,,X	NYTCL/H R2+10			
24	V00251228A24	L2580856-07DUP,31H,5.42,5,0.100,,X	NJQC			
25	V00251228A25	L2580856-07MS,31H,5.42,5,0.100,,X	NJQC			

Inst: VOA100
Initials: RAW
Date: **12/28/25**
Run: **A**

BFB V11543
IS/SS: V11574
ICAL: V11597D,V11615

Method
GC: 8260_
Autosampler: 8260soil
Concentrator: 8260_

QC:_____ Seq:_____

Vial	Data File	SAMPLE	Comments	LOW	HIGH	OBS
1	V00251228BFB1	BFB				
1	V00251228A01	8260 LCS				
2	V00251228A02	8260 LCS				
3	V00251228A03	8260 LCS				
4	V00251228A04	BLK				
5	V00251228A05	MEOH BLK				
6	V00251228A06	L2580856-02,31,6.62,5,,Y	NYTCL R2+10			
7	V00251228A07	L2580856-10,31,5.62,5,,Y	NYTCL R2+10			
8	V00251228A08	L2580856-01,31H,5.14,5,0.100,,X	NYTCL/H R2+10			
9	V00251228A09	L2580856-01D,31H,5.14,5,0.02,,X	NYTCL/H R2+10			
10	V00251228A10	L2580856-03,31H,5.76,5,0.100,,X	NYTCL/H R2+10			
11	V00251228A11	L2580856-04D,31H,5.48,5,0.02,,X	NYTCL/H R2+10			
12	V00251228A12	L2580856-04D2,31H,5.48,5,0.005,,X	NYTCL/H R2+10			
13	V00251228A13	L2580856-05,31,5.31,5,,Y	NYTCL R2+10			
14	V00251228A14	L2580856-05,31H,5.59,5,0.100,,X	NYTCL/H R2+10			
15	V00251228A15	L2580856-06D,31H,5.29,5,0.01,,X	NYTCL/H R2+10			
16	V00251228A16	L2580856-06D2,31H,5.29,5,0.002,,X	NYTCL/H R2+10			
17	V00251228A17	L2580856-07,31H,5.42,5,0.100,,X	NYTCL/H R2+10			
18	V00251228A18	L2580856-08,31H,6.63,5,0.100,,X	NYTCL/H R2+10			
19	V00251228A19	L2580856-09,31H,5.40,5,0.100,,X	NYTCL/H R2+10			
20	V00251228A20	L2580856-11D,31H,6.32,5,0.02,,X	NYTCL/H R2+10			
21	V00251228A21	L2580856-11D2,31H,6.32,5,0.01,,X	NYTCL/H R2+10			
22	V00251228A22	L2580856-12D,31H,6.14,5,0.02,,X	NYTCL/H R2+10			
23	V00251228A23	L2580856-12D2,31H,6.14,5,0.005,,X	NYTCL/H R2+10			
24	V00251228A24	L2580856-07DUP,31H,5.42,5,0.100,,X	NJQC			
25	V00251228A25	L2580856-07MS,31H,5.42,5,0.100,,X	NJQC			

Inst: VOA104 BFB: v11593
Initials: MJV IS/SS: V11574
Date: 12/29/25 ICAL: V11597D, V11592
Run: **A**

Method
GC: 8260SOIL
Autosampler: 8260-soil
Concentrator: 8260

QC: ____ Seq: _____

Vial	Data File	Sample	Comments	LOW	HIGH	OBS
1	V04251229BFB1	BFB				
1	V04251229A01	8260 LCS				
2	V04251229A02	8260 LCS				
3	V04251229A03	8260 LCS				
4	V04251229A04	BLK				
5	V04251229A05	MEOH BLANK				
6	V04251229A06	I2581010-15,31M,4.78,5,,z	NYTCL/R2-PPM			
7	V04251229A07	I2579944-01,31,5.46,5,,d,35.02,40.98,0.50	8LW*			
8	V04251229A08	I2579944-02,31,5.57,5,,d,35.69,41.76,0.50	8LW*			
9	V04251229A09	I2579944-03,31,6.38,5,,d,35.34,42.22,0.50	8LW*			
10	V04251229A10	I2579944-04,31,6.56,5,,d,35.10,42.16,0.50	8LW*			
11	V04251229A11	I2579944-06,31,5.73,5,,d,35.45,41.68,0.50	8LW*			
12	V04251229A12	L2579944-05,31,4.86,5,,d,35.25,40.61,0.50	8LW*			
13	V04251229A13	L2579635-01,31,5.49,5,,y	NY/R2 CURVE			
14	V04251229A14	I2579921-01,31,4.41,5,,b,35.47,40.38,0.50	8LW/CURVE			
15	V04251229A15	I2580324-12,31h,5.48,5,0.100,,a,29.61,35.59,0.50	NY/HIGH			
16	V04251229A16	I2579446-11,31,6.72,5,,b,35.29,42.01,0.00	8280-NH 50/50			TS
17	V04251229A17	I2580274-13,31,5.28,5,,b,32.17,37.70,0.25	NJHLW			
18	V04251229A18	I2580274-14,31,5.54,5,,b,32.35,38.14,0.25	NJHLW			
19	V04251229A19	I2580274-15,31,5.74,5,,b,32.48,38.47,0.25	NJHLW			
20	V04251229A20	I2580274-16,31,6.01,5,,b,32.55,38.81,0.25	NJHLW			
21	V04251229A21	I2580274-17,31,6.19,5,,b,32.24,38.68,0.25	NJHLW			
22	V04251229A22	I2580274-18,31,6.20,5,,b,32.35,38.80,0.25	NJHLW			
23	V04251229A23	I2580856-07,31,5.32,5,,z	NYHLW*			
24	V04251229A24	I2580856-04d2,31h,5.48,5,0.05,,x	NY/H*			
25	V04251229A25	I2580856-06d2,31h,5.29,5,0.02,,x	NY/H*			
26	V04251229A26	STD				

Inst: VOA104 BFB: v11593
Initials: RAW IS/SS: V11574
Date: 12/29/25 ICAL: V11597D, V11592
Run: **N**

Method
GC: 8260SOIL
Autosampler: 8260-soil
Concentrator: 8260

QC: ____ Seq: _____

Vial	Data File	Sample	Comments	LOW	HIGH	OBS
1	V04251229NFB1	BFB				
1	V04251229N01	8260 LCS				
2	V04251229N02	8260 LCS				
3	V04251229N03	8260 LCS				
4	V04251229N04	BLK				
5	V04251229N05	MEOH BLANK				
6	V04251229N06	I2580448-03,31h,5,5,0.100,,a	NYHLW			TB
7	V04251229N07	I2580693-02,31,5.36,5,,b,32.21,37.82,0.25	PAHLW+3			
8	V04251229N08	I2580693-04,31,5.55,5,,b,32.24,38.04,0.25	PAHLW+3			
9	V04251229N09	I2580693-06,31,5.31,5,,b,32.89,38.45,0.25	PAHLW+3			
10	V04251229N10	I2580693-08,31,5.39,5,,b,32.32,37.96,0.25	PAHLW+3			
11	V04251229N11	I2580693-10,31,5.76,5,,b,32.92,38.93,0.25	PAHLW+3			
12	V04251229N12	I2580693-12,31,5.28,5,,b,32.74,38.27,0.25	PAHLW+3			
13	V04251229N13	I2580693-14,31,4.89,5,,b,32.55,37.69,0.25	PAHLW+3			
14	V04251229N14	I2580693-16,31,5.70,5,,b,32.56,38.51,0.25	PAHLW+3			
15	V04251229N15	I2580693-18,31,5.96,5,,b,32.27,38.48,0.25	PAHLW+3			
16	V04251229N16	I2580693-20,31,5.99,5,,b,32.38,38.62,0.25	PAHLW+3			
17	V04251229N17	I2580693-22,31,4.81,5,,b,32.39,37.45,0.25	PAHLW+3			
18	V04251229N18	I2580693-24,31,5.21,5,,b,32.01,37.47,0.25	PAHLW+3			
19	V04251229N19	I2580693-26,31,5.13,5,,b,32.48,37.86,0.25	PAHLW+3			
20	V04251229N20	I2580448-01,31h,4.59,5,0.100,,a,29.82,34.91,0.50	NYHLW			
21	V04251229N21	I2580448-02,31h,3.30,5,0.100,,a,29.79,33.59,0.50	NYHLW			
22	V04251229N22	I2580448-02DUP,31h,3.30,5,0.100,,a,29.79,33.59,0	NJQC			
23	V04251229N23	I2580448-02MS,31h,3.30,5,0.100,,a,29.79,33.59,0.	NJQC			

Inst: VOA123
Initials: AJK
Date: **12/31/25**
Run: **A**

BFB: V11593
IS/SS: V11574
ICAL: V11597D, V11592

Method
GC: E122111W
Autosampler: 8260water10ml
Concentrator: 8260

QC:_____ Seq:_____

Vial	Data File	Sample	Comments	LOW	HIGH	OBS
1	V23251231AFB2	BFB				
1	V23251231A01	8260 LCS				
2	V23251231A02	8260 LCS				
3	V23251231A03	8260 LCS				
4	V23251231A04	BLK				
5	V23251231A05	MEOH BLK				
6	V23251231A06	I2580222-01,31,6.04,5,,y	NYHLW			
7	V23251231A07	I2580575-01R,31,1.82,5,,z	NJHLW			
8	V23251231A08	I2580857-04,31h,5.02,5,0.100,,a,30.26,35.78,0.50	NY/HIGH			
11	V23251231A09	I2580857-06d2,31h,4.76,5,0.001,,a,29.90,35.16,0.50	NY/H NAPH			
12	V23251231A10	I2580857-08d2,31h,5.29,5,0.005,,a,30.09,35.88,0.50	NY/H*			
13	V23251231A11	I2580857-02,31h,3.45,5,0.100,,a,29.79,33.73,0.50	NY/H			
14	V23251231A12	DSTD				
15	V23251231A13	I2580856-11d2,31h,6.32,5,0.04,,x	NY/HR2*			
16	V23251231A14	I2580737-06R,31,5.06,5,,c,31.97,37.28,0.25	NJLW			
17	V23251231A15	I2580737-04,31,5.96,5,,b,32.47,38.68,0.25	NJHLW*			
18	V23251231A16	I2580737-10,31,5.66,5,,b,32.34,38.25,0.25	NJHLW*			
21	V23251231A17	I2580008-03R,31,5.28,5,,c,32.29,37.82,0.25	NJHLW*			
22	V23251231A18	I2580577-05R,31,5.81,5,,z	NYTCL R2			
23	V23251231A19	I2581327-01,31,7.73,5,,b,35.67,43.90,0.50	8LW NH			
24	V23251231A20	I2581327-02,31,9.06,5,,b,35.69,45.25,0.50	8LW NH			
25	V23251231A21	I2581327-03,31h,22.57,15,0.100,,a,37.54,60.61,0.50	8/H NH			
26	V23251231A22	I2581327-04,31h,16.65,15,0.100,,a,37.26,54.41,0.50	8/H NH			
27	V23251231A23	I2580048-01,31h,4.92,5,0.100,,a,29.49,34.91,0.50	NJ/HIGH			
28	V23251231A24	I2579680-05,31h,6.00,5,0.100,,a,29.60,36.10,0.50	NJ/HIGH			
29	V23251231A25	I2580045-08,31h,5.45,5,0.100,,a,29.63,35.58,0.50	NJ/HIGH			
30	V23251231A26	STD				

Semivolatiles Data- Method 8270

Semivolatiles QC Summary

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Inventum Engineering
Project Name: SOUTH BUFFALO DEVELOPMENT

Lab Number: L2580856
Project Number: AREA E EXCAVATION
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
AREA01-SW-12152025 (L2580856-01)	81	86	63	86	63	71	0
AREA01-BOTTOM-12152025 (L2580856-02)	82	85	66	86	73	75	0
AREA02-NW-12152025 (L2580856-03)	89	96	74	85	68	61	0
AREA03-SW-12162025 (L2580856-04)	86	86	85	65	58	55	0
AREA03-NW-12162025 (L2580856-05)	89	89	87	73	62	67	0
AREA03-EW-12162025 (L2580856-06)	88	93	90	71	63	59	0
AREA03-BOTTOM-12162025 (L2580856-07)	93	96	95	81	65	74	0
AREA04-BOTTOM-12182025 (L2580856-08)	75	82	87	74	79	69	0
AREA04-SW-12182025 (L2580856-09)	74	81	87	70	75	57	0
AREA04-WW-12182025 (L2580856-10)	79	85	93	77	88	65	0
NW-PIPE-12182025 (L2580856-11)	68	79	84	73	87	62	0
WW-PIPE-12182025 (L2580856-12)	65	75	78	67	78	59	0
WG2158852-1BLANK	72	73	70	63	62	61	0
WG2158852-2LCS	79	80	78	63	63	58	0
WG2158852-3LCSD	75	76	77	60	65	60	0
WG2159340-1BLANK	74	73	77	68	62	69	0
WG2159340-2LCS	81	83	85	73	67	71	0
WG2159340-3LCSD	78	80	82	71	65	69	0
WG2160343-1BLANK	76	82	89	74	90	82	0
WG2160343-2LCS	81	86	93	74	85	74	0
WG2160343-3LCSD	86	91	98	80	91	78	0

QC LIMITS

(25-120) 2FP = 2-FLUOROPHENOL
(10-120) PHL = PHENOL-D6
(23-120) NBZ = NITROBENZENE-D5
(30-120) FBP = 2-FLUOROBIPHENYL
(10-136) TBP = 2,4,6-TRIBROMOPHENOL
(18-120) TPH = 4-TERPHENYL-D14

* Values outside of QC limits

FORM II NYTCL-8270

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2158852-2 **Analysis Date** : 12/27/25 10:38	**File ID**	: 158852-2
LCSD Sample ID	: WG2158852-3 **Analysis Date** : 12/27/25 11:02	**File ID**	: 158852-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R		True (ug/kg)	Found (ug/kg)	%R		RPD	Recovery Limits	RPD Limit
Acenaphthene	1300	790	61		1300	810	62		2	31-137	50
Hexachlorobenzene	1300	790	60		1300	820	62		3	40-140	50
Bis(2-chloroethyl)ether	1300	980	75		1300	920	70		7	40-140	50
2-Chloronaphthalene	1300	880	67		1300	850	65		3	40-140	50
3,3'-Dichlorobenzidine	1300	680	52		1300	660	50		4	40-140	50
2,4-Dinitrotoluene	1300	1000	78		1300	1000	77		1	40-132	50
2,6-Dinitrotoluene	1300	1000	78		1300	1000	76		3	40-140	50
Fluoranthene	1300	800	61		1300	810	61		0	40-140	50
4-Chlorophenyl phenyl ether	1300	760	58		1300	770	58		0	40-140	50
4-Bromophenyl phenyl ether	1300	740	57		1300	790	60		5	40-140	50
Bis(2-chloroisopropyl)ether	1300	1100	84		1300	1100	84		0	40-140	50
Bis(2-chloroethoxy)methane	1300	1000	77		1300	990	75		3	40-117	50
Hexachlorobutadiene	1300	700	54		1300	680	52		4	40-140	50
Hexachlorocyclopentadiene	1300	470	36	Q	1300	430	33	Q	9	40-140	50
Hexachloroethane	1300	960	74		1300	930	70		6	40-140	50
Isophorone	1300	980	75		1300	990	75		0	40-140	50
Naphthalene	1300	850	65		1300	850	65		0	40-140	50
Nitrobenzene	1300	1000	77		1300	960	73		5	40-140	50
NDPA/DPA	1300	760	59		1300	850	64		8	36-157	50
n-Nitrosodi-n-propylamine	1300	970	74		1300	970	74		0	32-121	50
Bis(2-ethylhexyl)phthalate	1300	1200	91		1300	1100	86		6	40-140	50
Butyl benzyl phthalate	1300	1000	78		1300	1000	77		1	40-140	50
Di-n-butylphthalate	1300	940	72		1300	940	71		1	40-140	50
Di-n-octylphthalate	1300	1200	92		1300	1200	91		1	40-140	50
Diethyl phthalate	1300	880	68		1300	900	68		0	40-140	50
Dimethyl phthalate	1300	840	64		1300	840	64		0	40-140	50

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2158852-2 **Analysis Date** : 12/27/25 10:38	**File ID**	: 158852-2
LCSD Sample ID	: WG2158852-3 **Analysis Date** : 12/27/25 11:02	**File ID**	: 158852-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Benzo(a)anthracene	1300	840	65	1300	830	63	3	40-140	50
Benzo(a)pyrene	1300	910	70	1300	900	68	3	40-140	50
Benzo(b)fluoranthene	1300	880	68	1300	890	68	0	40-140	50
Benzo(k)fluoranthene	1300	920	71	1300	880	67	6	40-140	50
Chrysene	1300	880	67	1300	860	65	3	40-140	50
Acenaphthylene	1300	850	65	1300	840	64	2	40-140	50
Anthracene	1300	820	63	1300	840	64	2	40-140	50
Benzo(ghi)perylene	1300	820	63	1300	840	64	2	40-140	50
Fluorene	1300	800	62	1300	860	65	5	40-140	50
Phenanthrene	1300	810	62	1300	820	62	0	40-140	50
Dibenzo(a,h)anthracene	1300	830	64	1300	870	66	3	40-140	50
Indeno(1,2,3-cd)pyrene	1300	860	66	1300	860	65	2	40-140	50
Pyrene	1300	800	62	1300	810	62	0	35-142	50
Biphenyl	1300	910	69	1300	890	67	3	37-127	50
4-Chloroaniline	1300	890	68	1300	840	63	8	40-140	50
2-Nitroaniline	1300	1100	85	1300	1100	84	1	47-134	50
3-Nitroaniline	1300	880	68	1300	840	64	6	26-129	50
4-Nitroaniline	1300	880	68	1300	940	72	6	41-125	50
Dibenzofuran	1300	800	62	1300	820	62	0	40-140	50
2-Methylnaphthalene	1300	870	67	1300	830	63	6	40-140	50
1,2,4,5-Tetrachlorobenzene	1300	780	60	1300	740	56	7	40-117	50
Acetophenone	1300	1000	76	1300	1000	76	0	14-144	50
2,4,6-Trichlorophenol	1300	820	63	1300	800	61	3	30-130	50
p-Chloro-m-cresol	1300	970	74	1300	940	71	4	26-103	50
2-Chlorophenol	1300	980	75	1300	930	71	5	25-102	50
2,4-Dichlorophenol	1300	920	71	1300	940	71	0	30-130	50

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2158852-2 **Analysis Date** : 12/27/25 10:38	**File ID**	: 158852-2
LCSD Sample ID	: WG2158852-3 **Analysis Date** : 12/27/25 11:02	**File ID**	: 158852-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
2,4-Dimethylphenol	1300	950	73	1300	970	74	1	30-130	50
2-Nitrophenol	1300	1100	84	1300	1100	82	2	30-130	50
4-Nitrophenol	1300	1100	85	1300	1200	89	5	11-114	50
2,4-Dinitrophenol	1300	1200	90	1300	1200	88	2	4-130	50
4,6-Dinitro-o-cresol	1300	1200	89	1300	1200	94	5	10-130	50
Pentachlorophenol	1300	830	64	1300	840	64	0	17-109	50
Phenol	1300	920	70	1300	910	69	1	26-90	50
2-Methylphenol	1300	950	73	1300	970	74	1	30-130	50
3-Methylphenol/4-Methylphenol	1300	1100	83	1300	1100	81	2	30-130	50
2,4,5-Trichlorophenol	1300	870	67	1300	850	64	5	30-130	50
Carbazole	1300	850	65	1300	850	64	2	54-128	50
Atrazine	1300	880	68	1300	970	74	8	40-140	50
Benzaldehyde	1300	1000	76	1300	950	72	5	40-140	50
Caprolactam	1300	1400	105	1300	1300	101	4	15-130	50
2,3,4,6-Tetrachlorophenol	1300	810	62	1300	840	63	2	40-140	50

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2159340-2 **Analysis Date** : 12/29/25 12:00	**File ID**	: 159340-2
LCSD Sample ID	: WG2159340-3 **Analysis Date** : 12/29/25 12:26	**File ID**	: 159340-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	1300	970	74	1300	940	72	3	31-137	50
Hexachlorobenzene	1300	880	68	1300	900	68	0	40-140	50
Bis(2-chloroethyl)ether	1300	1000	79	1300	990	75	5	40-140	50
2-Chloronaphthalene	1300	950	73	1300	950	72	1	40-140	50
3,3'-Dichlorobenzidine	1300	760	58	1300	910	69	17	40-140	50
2,4-Dinitrotoluene	1300	840	64	1300	860	65	2	40-132	50
2,6-Dinitrotoluene	1300	1100	82	1300	1100	83	1	40-140	50
Fluoranthene	1300	990	76	1300	990	75	1	40-140	50
4-Chlorophenyl phenyl ether	1300	950	73	1300	940	72	1	40-140	50
4-Bromophenyl phenyl ether	1300	960	73	1300	980	74	1	40-140	50
Bis(2-chloroisopropyl)ether	1300	670	51	1300	640	48	6	40-140	50
Bis(2-chloroethoxy)methane	1300	1000	81	1300	1000	80	1	40-117	50
Hexachlorobutadiene	1300	940	72	1300	870	66	9	40-140	50
Hexachlorocyclopentadiene	1300	890	68	1300	850	65	5	40-140	50
Hexachloroethane	1300	940	72	1300	900	68	6	40-140	50
Isophorone	1300	1100	86	1300	1100	84	2	40-140	50
Naphthalene	1300	970	74	1300	920	70	6	40-140	50
Nitrobenzene	1300	1100	88	1300	1100	85	3	40-140	50
NDPA/DPA	1300	960	74	1300	980	74	0	36-157	50
n-Nitrosodi-n-propylamine	1300	1200	90	1300	1200	88	2	32-121	50
Bis(2-ethylhexyl)phthalate	1300	1300	100	1300	1300	98	2	40-140	50
Butyl benzyl phthalate	1300	970	75	1300	980	75	0	40-140	50
Di-n-butylphthalate	1300	1000	81	1300	1000	80	1	40-140	50
Di-n-octylphthalate	1300	1400	106	1300	1400	105	1	40-140	50
Diethyl phthalate	1300	990	76	1300	990	75	1	40-140	50
Dimethyl phthalate	1300	940	72	1300	960	73	1	40-140	50

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2159340-2 **Analysis Date** : 12/29/25 12:00	**File ID**	: 159340-2
LCSD Sample ID	: WG2159340-3 **Analysis Date** : 12/29/25 12:26	**File ID**	: 159340-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Benzo(a)anthracene	1300	1100	83	1300	1100	81	2	40-140	50
Benzo(a)pyrene	1300	1100	86	1300	1100	85	1	40-140	50
Benzo(b)fluoranthene	1300	1100	88	1300	1100	86	2	40-140	50
Benzo(k)fluoranthene	1300	1000	81	1300	1000	80	1	40-140	50
Chrysene	1300	1100	85	1300	1100	85	0	40-140	50
Acenaphthylene	1300	970	74	1300	970	74	0	40-140	50
Anthracene	1300	990	76	1300	970	74	3	40-140	50
Benzo(ghi)perylene	1300	980	75	1300	960	73	3	40-140	50
Fluorene	1300	960	74	1300	970	74	0	40-140	50
Phenanthrene	1300	960	74	1300	940	72	3	40-140	50
Dibenzo(a,h)anthracene	1300	970	74	1300	950	72	3	40-140	50
Indeno(1,2,3-cd)pyrene	1300	1000	80	1300	1000	78	3	40-140	50
Pyrene	1300	950	73	1300	960	73	0	35-142	50
Biphenyl	1300	1100	82	1300	1000	80	2	37-127	50
4-Chloroaniline	1300	780	60	1300	700	53	12	40-140	50
2-Nitroaniline	1300	1100	85	1300	1100	87	2	47-134	50
3-Nitroaniline	1300	660	50	1300	880	67	29	26-129	50
4-Nitroaniline	1300	970	74	1300	1000	78	5	41-125	50
Dibenzofuran	1300	950	73	1300	940	72	1	40-140	50
2-Methylnaphthalene	1300	1000	78	1300	980	75	4	40-140	50
1,2,4,5-Tetrachlorobenzene	1300	1100	82	1300	1000	80	2	40-117	50
Acetophenone	1300	1200	90	1300	1100	86	5	14-144	50
2,4,6-Trichlorophenol	1300	1000	80	1300	1000	79	1	30-130	50
p-Chloro-m-cresol	1300	1100	87	1300	1200	88	1	26-103	50
2-Chlorophenol	1300	1000	78	1300	970	73	7	25-102	50
2,4-Dichlorophenol	1300	1000	80	1300	1000	78	3	30-130	50

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2159340-2 **Analysis Date** : 12/29/25 12:00	**File ID**	: 159340-2
LCSD Sample ID	: WG2159340-3 **Analysis Date** : 12/29/25 12:26	**File ID**	: 159340-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
2,4-Dimethylphenol	1300	1100	84	1300	1100	84	0	30-130	50
2-Nitrophenol	1300	1100	86	1300	1100	82	5	30-130	50
4-Nitrophenol	1300	1200	94	1300	1200	94	0	11-114	50
2,4-Dinitrophenol	1300	1000	77	1300	1000	79	3	4-130	50
4,6-Dinitro-o-cresol	1300	1000	81	1300	1100	83	2	10-130	50
Pentachlorophenol	1300	810	62	1300	840	64	3	17-109	50
Phenol	1300	1100	85	1300	1100	83	2	26-90	50
2-Methylphenol	1300	1100	83	1300	1000	80	4	30-130	50
3-Methylphenol/4-Methylphenol	1300	1200	90	1300	1100	83	8	30-130	50
2,4,5-Trichlorophenol	1300	1000	80	1300	1000	80	0	30-130	50
Carbazole	1300	980	75	1300	970	74	1	54-128	50
Atrazine	1300	950	73	1300	990	75	3	40-140	50
Benzaldehyde	1300	1200	94	1300	1200	90	4	40-140	50
Caprolactam	1300	1100	83	1300	1100	84	1	15-130	50
2,3,4,6-Tetrachlorophenol	1300	1000	77	1300	1000	77	0	40-140	50

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2160343-2 **Analysis Date** : 01/03/26 09:09	**File ID**	: 160343-2
LCSD Sample ID	: WG2160343-3 **Analysis Date** : 01/03/26 09:30	**File ID**	: 160343-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	1300	1000	76	1300	1100	81	6	31-137	50
Hexachlorobenzene	1300	1000	75	1300	1100	80	6	40-140	50
Bis(2-chloroethyl)ether	1300	1100	80	1300	1100	84	5	40-140	50
2-Chloronaphthalene	1300	1000	79	1300	1100	84	6	40-140	50
3,3'-Dichlorobenzidine	1300	640	49	1300	770	58	17	40-140	50
2,4-Dinitrotoluene	1300	1300	95	1300	1300	101	6	40-132	50
2,6-Dinitrotoluene	1300	1300	96	1300	1400	103	7	40-140	50
Fluoranthene	1300	1100	81	1300	1100	85	5	40-140	50
4-Chlorophenyl phenyl ether	1300	970	73	1300	1000	78	7	40-140	50
4-Bromophenyl phenyl ether	1300	980	74	1300	1100	80	8	40-140	50
Bis(2-chloroisopropyl)ether	1300	1400	109	1300	1500	114	4	40-140	50
Bis(2-chloroethoxy)methane	1300	1100	85	1300	1200	90	6	40-117	50
Hexachlorobutadiene	1300	920	69	1300	960	72	4	40-140	50
Hexachlorocyclopentadiene	1300	890	67	1300	960	72	7	40-140	50
Hexachloroethane	1300	1100	80	1300	1100	84	5	40-140	50
Isophorone	1300	1200	90	1300	1300	95	5	40-140	50
Naphthalene	1300	1000	77	1300	1000	80	4	40-140	50
Nitrobenzene	1300	1200	93	1300	1300	96	3	40-140	50
NDPA/DPA	1300	1000	77	1300	1100	82	6	36-157	50
n-Nitrosodi-n-propylamine	1300	1200	94	1300	1300	99	5	32-121	50
Bis(2-ethylhexyl)phthalate	1300	1500	111	1300	1600	118	6	40-140	50
Butyl benzyl phthalate	1300	1300	99	1300	1400	105	6	40-140	50
Di-n-butylphthalate	1300	1200	94	1300	1400	102	8	40-140	50
Di-n-octylphthalate	1300	1300	98	1300	1400	104	6	40-140	50
Diethyl phthalate	1300	1100	84	1300	1200	89	6	40-140	50
Dimethyl phthalate	1300	1100	83	1300	1200	89	7	40-140	50

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2160343-2 **Analysis Date** : 01/03/26 09:09	**File ID**	: 160343-2
LCSD Sample ID	: WG2160343-3 **Analysis Date** : 01/03/26 09:30	**File ID**	: 160343-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Benzo(a)anthracene	1300	1200	87	1300	1200	93	7	40-140	50
Benzo(a)pyrene	1300	1200	88	1300	1200	94	7	40-140	50
Benzo(b)fluoranthene	1300	1200	89	1300	1200	92	3	40-140	50
Benzo(k)fluoranthene	1300	1100	83	1300	1200	93	11	40-140	50
Chrysene	1300	1100	83	1300	1200	89	7	40-140	50
Acenaphthylene	1300	1100	84	1300	1200	91	8	40-140	50
Anthracene	1300	1000	79	1300	1100	84	6	40-140	50
Benzo(ghi)perylene	1300	1000	80	1300	1200	87	8	40-140	50
Fluorene	1300	1000	79	1300	1100	83	5	40-140	50
Phenanthrene	1300	1000	76	1300	1100	82	8	40-140	50
Dibenzo(a,h)anthracene	1300	1100	83	1300	1200	90	8	40-140	50
Indeno(1,2,3-cd)pyrene	1300	1100	85	1300	1200	92	8	40-140	50
Pyrene	1300	1000	80	1300	1100	84	5	35-142	50
Biphenyl	1300	1100	82	1300	1200	88	7	37-127	50
4-Chloroaniline	1300	990	75	1300	960	72	4	40-140	50
2-Nitroaniline	1300	1300	98	1300	1400	105	7	47-134	50
3-Nitroaniline	1300	640	48	1300	750	57	17	26-129	50
4-Nitroaniline	1300	1200	88	1300	1300	95	8	41-125	50
Dibenzofuran	1300	1000	76	1300	1100	81	6	40-140	50
2-Methylnaphthalene	1300	1000	78	1300	1100	83	6	40-140	50
1,2,4,5-Tetrachlorobenzene	1300	1000	77	1300	1100	81	5	40-117	50
Acetophenone	1300	1200	92	1300	1300	96	4	14-144	50
2,4,6-Trichlorophenol	1300	1200	89	1300	1300	96	8	30-130	50
p-Chloro-m-cresol	1300	1200	91	1300	1300	98	7	26-103	50
2-Chlorophenol	1300	1100	86	1300	1200	90	5	25-102	50
2,4-Dichlorophenol	1300	1200	90	1300	1300	97	7	30-130	50

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2160343-2 **Analysis Date** : 01/03/26 09:09	**File ID**	: 160343-2
LCSD Sample ID	: WG2160343-3 **Analysis Date** : 01/03/26 09:30	**File ID**	: 160343-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
2,4-Dimethylphenol	1300	1200	88	1300	1300	97	10	30-130	50
2-Nitrophenol	1300	1400	104	1300	1400	109	5	30-130	50
4-Nitrophenol	1300	1200	95	1300	1400	103	8	11-114	50
2,4-Dinitrophenol	1300	1400	104	1300	1500	110	6	4-130	50
4,6-Dinitro-o-cresol	1300	1500	113	1300	1600	120	6	10-130	50
Pentachlorophenol	1300	920	70	1300	1000	77	10	17-109	50
Phenol	1300	1100	84	1300	1200	88	5	26-90	50
2-Methylphenol	1300	1200	90	1300	1300	95	5	30-130	50
3-Methylphenol/4-Methylphenol	1300	1200	95	1300	1300	101	6	30-130	50
2,4,5-Trichlorophenol	1300	1200	89	1300	1300	97	9	30-130	50
Carbazole	1300	1100	84	1300	1200	89	6	54-128	50
Atrazine	1300	1300	102	1300	1400	108	6	40-140	50
Benzaldehyde	1300	970	73	1300	920	70	4	40-140	50
Caprolactam	1300	1700	125	1300	1800	136 Q	8	15-130	50
2,3,4,6-Tetrachlorophenol	1300	1100	84	1300	1200	90	7	40-140	50

Method Blank Summary
Form 4
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab Sample ID	: WG2158852-1	**Lab File ID**	: 158852-1
Instrument ID	: JULIET	**Extraction Date**	: 12/26/25
Matrix	: SOIL	**Analysis Date**	: 12/27/25 10:14
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG2158852-2LCS	WG2158852-2	12/27/25 10:38
WG2158852-3LCSD	WG2158852-3	12/27/25 11:02
AREA02-NW-12152025	L2580856-03	12/29/25 15:19
AREA01-BOTTOM-12152025	L2580856-02	12/29/25 15:40
AREA01-SW-12152025	L2580856-01	12/29/25 16:02

Method Blank Summary
Form 4
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab Sample ID	: WG2159340-1	**Lab File ID**	: 159340-1
Instrument ID	: GCMS5	**Extraction Date**	: 12/28/25
Matrix	: SOIL	**Analysis Date**	: 12/29/25 11:34
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG2159340-2LCS	WG2159340-2	12/29/25 12:00
WG2159340-3LCSD	WG2159340-3	12/29/25 12:26
AREA03-BOTTOM-12162025	L2580856-07	01/02/26 19:50
AREA03-EW-12162025	L2580856-06	01/02/26 20:10
AREA03-NW-12162025	L2580856-05	01/02/26 20:29
AREA03-SW-12162025	L2580856-04	01/02/26 20:49

Method Blank Summary
Form 4
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab Sample ID	: WG2160343-1	**Lab File ID**	: 160343-1
Instrument ID	: SV103	**Extraction Date**	: 12/30/25
Matrix	: SOIL	**Analysis Date**	: 01/03/26 08:48
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG2160343-2LCS	WG2160343-2	01/03/26 09:09
WG2160343-3LCSD	WG2160343-3	01/03/26 09:30
AREA04-BOTTOM-12182025	L2580856-08	01/03/26 15:28
AREA04-SW-12182025	L2580856-09	01/03/26 15:49
AREA04-WW-12182025	L2580856-10	01/03/26 16:10
NW-PIPE-12182025	L2580856-11	01/03/26 16:31
WW-PIPE-12182025	L2580856-12	01/03/26 16:52

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: JULIET	**Analysis Date**	: 06/14/25 12:42
Tune Standard	: R1977406-34	**Tune File ID**	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	24.3
68	Less than 2.0% of mass 69	0 (0)1
69		100
70	Less than 2.0% of mass 69	0.1 (.5)1
127	10.0 - 80.0% of Base Peak	36.6
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	26.4
365	Greater than 1.0% of mass 198	2.7
441	Present, but less than 24% of mass 442	17.7
442	Base Peak, or >50% of mass 198	92.8
443	15.0 - 24.0% of mass 442	18.1 (19.5)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL10	R1977406-2	ABNL10	06/14/25 13:05
ABNL9	R1977406-10	ABNL9	06/14/25 13:29
ABNL8	R1977406-9	ABNL8	06/14/25 13:52
ABNL7	R1977406-8	ABNL7	06/14/25 14:16
ABNL6	R1977406-7	ABNL6	06/14/25 14:39
ABNL5	R1977406-6	ABNL5	06/14/25 15:03
ABNL4	R1977406-5	ABNL4	06/14/25 15:27
ABNL3	R1977406-4	ABNL3	06/14/25 15:50
ABNL2	R1977406-3	ABNL2	06/14/25 16:14
ABNL1	R1977406-1	ABNL1	06/14/25 16:38
AP9L10	R1977406-22	AP9L10	06/14/25 17:02
AP9L9	R1977406-30	AP9L9	06/14/25 17:25
AP9L8	R1977406-28	AP9L8	06/14/25 17:49
AP9L7	R1977406-29	AP9L7	06/14/25 18:12
AP9L6	R1977406-27	AP9L6	06/14/25 18:36
AP9L5	R1977406-26	AP9L5	06/14/25 19:00
AP9L4	R1977406-25	AP9L4	06/14/25 19:23
AP9L3	R1977406-24	AP9L3	06/14/25 19:47
AP9L2	R1977406-23	AP9L2	06/14/25 20:11
AP9L1	R1977406-21	AP9L1	06/14/25 20:34
AP9 ICV Quant Report	R1977406-33	AP9ICV	06/14/25 21:22

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: JULIET	**Analysis Date**	: 06/14/25 21:45
Tune Standard	: R1977406-35	**Tune File ID**	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	24.1
68	Less than 2.0% of mass 69	0.2 (.8)1
69		100
70	Less than 2.0% of mass 69	0 (0)1
127	10.0 - 80.0% of Base Peak	36.7
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	26.2
365	Greater than 1.0% of mass 198	2.8
441	Present, but less than 24% of mass 442	18.1
442	Base Peak, or >50% of mass 198	96.9
443	15.0 - 24.0% of mass 442	19.3 (19.9)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADPL10	R1977406-12	ADPL10	06/14/25 22:09
ADPL9	R1977406-20	ADPL9	06/14/25 22:33
ADPL8	R1977406-18	ADPL8	06/14/25 22:56
ADPL7	R1977406-19	ADPL7	06/14/25 23:20
ADPL6	R1977406-17	ADPL6	06/14/25 23:44
ADPL5	R1977406-16	ADPL5	06/15/25 00:07
ADPL4	R1977406-15	ADPL4	06/15/25 00:31
ADPL3	R1977406-14	ADPL3	06/15/25 00:54
ADPL2	R1977406-13	ADPL2	06/15/25 01:18
ADPL1	R1977406-11	ADPL1	06/15/25 01:41
ADP ICV Quant Report	R1977406-32	ADPICV	06/15/25 02:05

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: JULIET	**Analysis Date**	: 06/15/25 18:26
Tune Standard	: R1977406-36	**Tune File ID**	: Tune3_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	21.8
68	Less than 2.0% of mass 69	0 (0)1
69		100
70	Less than 2.0% of mass 69	0 (0)1
127	10.0 - 80.0% of Base Peak	35.6
197	Less than 2.0% of mass 198	0.2
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	26.6
365	Greater than 1.0% of mass 198	2.7
441	Present, but less than 24% of mass 442	17.2
442	Base Peak, or >50% of mass 198	97
443	15.0 - 24.0% of mass 442	18.6 (19.2)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABN ICV Quant Report	R1977406-31	ABNICVA	06/15/25 18:59

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: JULIET	**Analysis Date**	: 12/27/25 07:17
Tune Standard	: WG2159109-1	**Tune File ID**	: DEG1227_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	29.3
68	Less than 2.0% of mass 69	0.1 (.3)1
69		100
70	Less than 2.0% of mass 69	0.2 (.6)1
127	10.0 - 80.0% of Base Peak	41.7
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	25.8
365	Greater than 1.0% of mass 198	2.2
441	Present, but less than 24% of mass 442	18.7
442	Base Peak, or >50% of mass 198	80
443	15.0 - 24.0% of mass 442	16.1 (20.1)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2159109-6TFACTOR-B	WG2159109-6	DEG1227	12/27/25 07:17
WG2159109-7TFACTOR-P	WG2159109-7	DEG1227	12/27/25 07:17
WG2159109-3CCAL	WG2159109-3	ABN1227	12/27/25 07:40
WG2159109-4CCAL	WG2159109-4	AP91227	12/27/25 08:04
WG2159109-5CCAL	WG2159109-5	ADP1227	12/27/25 08:28
WG2158852-1BLANK	WG2158852-1	158852-1	12/27/25 10:14
WG2158852-2LCS	WG2158852-2	158852-2	12/27/25 10:38
WG2158852-3LCSD	WG2158852-3	158852-3	12/27/25 11:02

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: GCMS5	**Analysis Date**	: 07/31/25 21:49
Tune Standard	: R1995350-35	**Tune File ID**	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	43.6
68	Less than 2.0% of mass 69	0 (0)1
69		100
70	Less than 2.0% of mass 69	0.1 (.2)1
127	10.0 - 80.0% of Base Peak	49.3
197	Less than 2.0% of mass 198	0.1
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	25.8
365	Greater than 1.0% of mass 198	3
441	Present, but less than 24% of mass 442	16.7
442	Base Peak, or >50% of mass 198	69.6
443	15.0 - 24.0% of mass 442	13 (18.7)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL10	R1995350-4	ABNL10	07/31/25 22:15
ABNL9	R1995350-13	ABNL9	07/31/25 22:41
ABNL8	R1995350-12	ABNL8	07/31/25 23:07
ABNL7	R1995350-11	ABNL7	07/31/25 23:33
ABNL6	R1995350-10	ABNL6	07/31/25 23:58
ABNL5	R1995350-8	ABNL5	08/01/25 00:24
ABNL4	R1995350-9	ABNL4	08/01/25 00:50
ABNL3	R1995350-6	ABNL3	08/01/25 01:15
ABNL2	R1995350-7	ABNL2	08/01/25 01:41
ABNL1	R1995350-5	ABNL1	08/01/25 02:07
AP9L10	R1995350-24	AP9L10	08/01/25 02:33
AP9L9	R1995350-33	AP9L9	08/01/25 02:58
AP9L8	R1995350-32	AP9L8	08/01/25 03:24
AP9L7	R1995350-30	AP9L7	08/01/25 03:50
AP9L6	R1995350-31	AP9L6	08/01/25 04:16
AP9L5	R1995350-29	AP9L5	08/01/25 04:41
AP9L4	R1995350-27	AP9L4	08/01/25 05:07
AP9L3	R1995350-28	AP9L3	08/01/25 05:33
AP9L2	R1995350-26	AP9L2	08/01/25 05:59
AP9L1	R1995350-25	AP9L1	08/01/25 06:24
ABN ICV Quant Report	R1995350-1	ABNICV	08/01/25 06:50
AP9 ICV Quant Report	R1995350-3	AP9ICV	08/01/25 07:16

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: GCMS5	**Analysis Date**	: 08/01/25 07:42
Tune Standard	: R1995350-34	**Tune File ID**	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	38.5
68	Less than 2.0% of mass 69	0.1 (.2)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	46.3
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	27.7
365	Greater than 1.0% of mass 198	3.4
441	Present, but less than 24% of mass 442	17.1
442	Base Peak, or >50% of mass 198	85.8
443	15.0 - 24.0% of mass 442	16.3 (19)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADPL10	R1995350-14	ADPL10	08/01/25 08:07
ADPL9	R1995350-21	ADPL9	08/01/25 08:33
ADPL8	R1995350-22	ADPL8	08/01/25 08:59
ADPL7	R1995350-23	ADPL7	08/01/25 09:25
ADPL6	R1995350-20	ADPL6	08/01/25 09:50
ADPL5	R1995350-19	ADPL5	08/01/25 10:16
ADPL4	R1995350-18	ADPL4	08/01/25 10:42
ADPL3	R1995350-17	ADPL3	08/01/25 11:08
ADPL2	R1995350-16	ADPL2	08/01/25 11:33
ADPL1	R1995350-15	ADPL1	08/01/25 11:59
ADP ICV Quant Report	R1995350-2	ADPICV	08/01/25 12:25

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: GCMS5	**Analysis Date**	: 12/29/25 08:32
Tune Standard	: WG2159627-1	**Tune File ID**	: DEG1229_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	34.6
68	Less than 2.0% of mass 69	0 (0)1
69		100
70	Less than 2.0% of mass 69	0.2 (.3)1
127	10.0 - 80.0% of Base Peak	48.6
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	27.5
365	Greater than 1.0% of mass 198	3.1
441	Present, but less than 24% of mass 442	18.3
442	Base Peak, or >50% of mass 198	55.6
443	15.0 - 24.0% of mass 442	10.6 (19.1)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2159627-6TFACTOR-B	WG2159627-6	DEG1229	12/29/25 08:32
WG2159627-7TFACTOR-P	WG2159627-7	DEG1229	12/29/25 08:32
WG2159627-3CCAL	WG2159627-3	ABN1229	12/29/25 08:58
WG2159627-4CCAL	WG2159627-4	AP91229	12/29/25 09:24
WG2159627-5CCAL	WG2159627-5	ADP1229	12/29/25 09:50
WG2159340-1BLANK	WG2159340-1	159340-1	12/29/25 11:34
WG2159340-2LCS	WG2159340-2	159340-2	12/29/25 12:00
WG2159340-3LCSD	WG2159340-3	159340-3	12/29/25 12:26

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: SV134	**Analysis Date**	: 08/29/25 07:11
Tune Standard	: R2006416-34	**Tune File ID**	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	40.2
68	Less than 2.0% of mass 69	0 (0)1
69		100
70	Less than 2.0% of mass 69	0.2 (.6)1
127	10.0 - 80.0% of Base Peak	47.5
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	24.3
365	Greater than 1.0% of mass 198	2.6
441	Present, but less than 24% of mass 442	11.5
442	Base Peak, or >50% of mass 198	77.2
443	15.0 - 24.0% of mass 442	15.2 (19.7)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL10	R2006416-2	ABNL10	08/29/25 07:32
ABNL9	R2006416-10	ABNL9	08/29/25 07:53
ABNL8	R2006416-9	ABNL8	08/29/25 08:14
ABNL7	R2006416-6	ABNL7	08/29/25 08:35
ABNL6	R2006416-8	ABNL6	08/29/25 08:56
ABNL5	R2006416-7	ABNL5	08/29/25 09:17
ABNL4	R2006416-5	ABNL4	08/29/25 09:38
ABNL3	R2006416-4	ABNL3	08/29/25 09:59
ABNL2	R2006416-3	ABNL2	08/29/25 10:21
ABNL1	R2006416-1	ABNL1	08/29/25 10:42
ABN ICV Quant Report	R2006416-33	ABNICV	08/29/25 14:34

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: SV134	**Analysis Date**	: 08/29/25 15:16
Tune Standard	: R2006416-35	**Tune File ID**	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	38.2
68	Less than 2.0% of mass 69	0 (0)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	46.7
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	24.7
365	Greater than 1.0% of mass 198	2.6
441	Present, but less than 24% of mass 442	19.4
442	Base Peak, or >50% of mass 198	75.5
443	15.0 - 24.0% of mass 442	14.9 (19.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADPL10	R2006416-12	ADPL10	08/29/25 15:37
ADPL9	R2006416-21	ADPL9	08/29/25 15:58
ADPL8	R2006416-19	ADPL8	08/29/25 16:19
ADPL7	R2006416-18	ADPL7	08/29/25 16:40
ADPL6	R2006416-17	ADPL6	08/29/25 17:02
ADPL5	R2006416-16	ADPL5	08/29/25 17:23
ADPL4	R2006416-15	ADPL4	08/29/25 17:44
ADPL3	R2006416-14	ADPL3	08/29/25 18:05
ADPL2	R2006416-13	ADPL2	08/29/25 18:26
ADPL1	R2006416-11	ADPL1	08/29/25 18:47
ADP ICV Quant Report	R2006416-32	ADPICV	08/29/25 19:08

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: SV134	**Analysis Date**	: 09/03/25 03:32
Tune Standard	: R2006416-36	**Tune File ID**	: Tune3_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	44.3
68	Less than 2.0% of mass 69	0 (0)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	47.7
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	23.6
365	Greater than 1.0% of mass 198	2.4
441	Present, but less than 24% of mass 442	18.9
442	Base Peak, or >50% of mass 198	76.4
443	15.0 - 24.0% of mass 442	13.7 (17.9)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
AP9L10a	R2006416-20	AP9L10A	09/03/25 03:53
AP9L9a	R2006416-30	AP9L9A	09/03/25 04:14
AP9L8a	R2006416-28	AP9L8A	09/03/25 04:35
AP9L7a	R2006416-29	AP9L7A	09/03/25 04:56
AP9L6a	R2006416-27	AP9L6A	09/03/25 05:18
AP9L5a	R2006416-25	AP9L5A	09/03/25 05:39
AP9L4a	R2006416-26	AP9L4A	09/03/25 06:00
AP9L3a	R2006416-24	AP9L3A	09/03/25 06:21
AP9L2a	R2006416-22	AP9L2A	09/03/25 06:42
AP9L1a	R2006416-23	AP9L1A	09/03/25 07:03
AP9 ICV Quant Report	R2006416-31	AP9ICVA	09/03/25 07:25

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: SV134	**Analysis Date**	: 12/29/25 06:27
Tune Standard	: WG2159560-1	**Tune File ID**	: DEG1229_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	40.6
68	Less than 2.0% of mass 69	0 (0)1
69		100
70	Less than 2.0% of mass 69	0.2 (.6)1
127	10.0 - 80.0% of Base Peak	45.3
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7
275	10.0 - 60.0% of Base Peak	24.7
365	Greater than 1.0% of mass 198	2.4
441	Present, but less than 24% of mass 442	18.6
442	Base Peak, or >50% of mass 198	75.7
443	15.0 - 24.0% of mass 442	14.9 (19.7)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2159560-6TFACTOR-B	WG2159560-6	DEG1229	12/29/25 06:27
WG2159560-7TFACTOR-P	WG2159560-7	DEG1229	12/29/25 06:27
WG2159560-3CCAL	WG2159560-3	ABN1229	12/29/25 06:49
WG2159560-4CCAL	WG2159560-4	AP91229	12/29/25 07:10
WG2159560-5CCAL	WG2159560-5	ADP1229A	12/29/25 08:14
AREA02-NW-12152025	L2580856-03	80856-03	12/29/25 15:19
AREA01-BOTTOM-12152025	L2580856-02	80856-02	12/29/25 15:40
AREA01-SW-12152025	L2580856-01	80856-01	12/29/25 16:02

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: SV103	**Analysis Date**	: 11/16/25 22:01
Tune Standard	: R2038349-34	**Tune File ID**	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	34.1
68	Less than 2.0% of mass 69	0.4 (1.4)1
69		100
70	Less than 2.0% of mass 69	0.2 (.6)1
127	10.0 - 80.0% of Base Peak	43.9
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	25.6
365	Greater than 1.0% of mass 198	2.9
441	Present, but less than 24% of mass 442	16.7
442	Base Peak, or >50% of mass 198	72.1
443	15.0 - 24.0% of mass 442	14.1 (19.6)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
AP9L10	R2038349-22	AP9L10	11/17/25 01:56
AP9L9	R2038349-30	AP9L9	11/17/25 02:17
AP9L8	R2038349-29	AP9L8	11/17/25 02:39
AP9L7	R2038349-28	AP9L7	11/17/25 03:00
AP9L6	R2038349-27	AP9L6	11/17/25 03:22
AP9L5	R2038349-26	AP9L5	11/17/25 03:43
AP9L4	R2038349-25	AP9L4	11/17/25 04:04
AP9L3	R2038349-24	AP9L3	11/17/25 04:26
AP9L2	R2038349-23	AP9L2	11/17/25 04:47
AP9L1	R2038349-20	AP9L1	11/17/25 05:09
AP9 ICV Quant Report	R2038349-31	AP9ICV	11/17/25 05:52

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: SV103	**Analysis Date**	: 11/17/25 06:13
Tune Standard	: R2038349-35	**Tune File ID**	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	34.9
68	Less than 2.0% of mass 69	0.1 (.4)1
69		100
70	Less than 2.0% of mass 69	0 (0)1
127	10.0 - 80.0% of Base Peak	42.2
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	7.2
275	10.0 - 60.0% of Base Peak	26.2
365	Greater than 1.0% of mass 198	3
441	Present, but less than 24% of mass 442	16.4
442	Base Peak, or >50% of mass 198	76.3
443	15.0 - 24.0% of mass 442	13.9 (18.2)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADPL10	R2038349-12	ADPL10	11/17/25 06:34
ADPL9	R2038349-21	ADPL9	11/17/25 06:55
ADPL8	R2038349-19	ADPL8	11/17/25 07:17
ADPL7	R2038349-18	ADPL7	11/17/25 07:38
ADPL6	R2038349-17	ADPL6	11/17/25 07:59
ADPL5	R2038349-16	ADPL5	11/17/25 08:21
ADPL4	R2038349-15	ADPL4	11/17/25 08:42
ADPL3	R2038349-14	ADPL3	11/17/25 09:03
ADPL2	R2038349-13	ADPL2	11/17/25 09:25
ADPL1	R2038349-11	ADPL1	11/17/25 09:46
ADP ICV Quant Report	R2038349-32	ADPICV	11/17/25 10:07

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: SV103	**Analysis Date**	: 11/18/25 19:19
Tune Standard	: R2038349-36	**Tune File ID**	: Tune3_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	35
68	Less than 2.0% of mass 69	0.6 (1.8)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	43.8
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	24.9
365	Greater than 1.0% of mass 198	2.7
441	Present, but less than 24% of mass 442	16.3
442	Base Peak, or >50% of mass 198	68.6
443	15.0 - 24.0% of mass 442	13.6 (19.8)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL10a	R2038349-1	ABNL10A	11/18/25 19:48
ABNL9a	R2038349-10	ABNL9A	11/18/25 20:09
ABNL8a	R2038349-9	ABNL8A	11/18/25 20:30
ABNL7a	R2038349-8	ABNL7A	11/18/25 20:51
ABNL6a	R2038349-7	ABNL6A	11/18/25 21:13
ABNL5a	R2038349-6	ABNL5A	11/18/25 21:34
ABNL4a	R2038349-5	ABNL4A	11/18/25 21:55
ABNL3a	R2038349-4	ABNL3A	11/18/25 22:16
ABNL2a	R2038349-3	ABNL2A	11/18/25 22:37
ABNL1a	R2038349-2	ABNL1A	11/18/25 22:59
ABN ICV Quant Report	R2038349-33	ABNICVA	11/18/25 23:20

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: SV103	**Analysis Date**	: 01/03/26 07:13
Tune Standard	: WG2161293-1	**Tune File ID**	: DEG0103_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	43.1
68	Less than 2.0% of mass 69	0.7 (1.8)1
69		100
70	Less than 2.0% of mass 69	0.2 (.5)1
127	10.0 - 80.0% of Base Peak	45.7
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	26
365	Greater than 1.0% of mass 198	3
441	Present, but less than 24% of mass 442	17
442	Base Peak, or >50% of mass 198	70.4
443	15.0 - 24.0% of mass 442	14.4 (20.5)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2161293-6TFACTOR-B	WG2161293-6	DEG0103	01/03/26 07:13
WG2161293-7TFACTOR-P	WG2161293-7	DEG0103	01/03/26 07:13
WG2161293-3CCAL	WG2161293-3	ABN0103	01/03/26 07:34
WG2161293-4CCAL	WG2161293-4	AP90103	01/03/26 07:55
WG2161293-5CCAL	WG2161293-5	ADP0103	01/03/26 08:16
WG2160343-1BLANK	WG2160343-1	160343-1	01/03/26 08:48
WG2160343-2LCS	WG2160343-2	160343-2	01/03/26 09:09
WG2160343-3LCSD	WG2160343-3	160343-3	01/03/26 09:30
AREA04-BOTTOM-12182025	L2580856-08	80856-08	01/03/26 15:28
AREA04-SW-12182025	L2580856-09	80856-09	01/03/26 15:49
AREA04-WW-12182025	L2580856-10	80856-10	01/03/26 16:10
NW-PIPE-12182025	L2580856-11	80856-11	01/03/26 16:31
WW-PIPE-12182025	L2580856-12	80856-12	01/03/26 16:52

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: MORK	**Analysis Date**	: 12/09/25 17:20
Tune Standard	: R2046600-1	**Tune File ID**	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	25.7
68	Less than 2.0% of mass 69	0 (0)1
69		100
70	Less than 2.0% of mass 69	0.2 (.7)1
127	10.0 - 80.0% of Base Peak	39.1
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	27.9
365	Greater than 1.0% of mass 198	4
441	Present, but less than 24% of mass 442	17.6
442	Base Peak, or >50% of mass 198	82.6
443	15.0 - 24.0% of mass 442	15.6 (18.9)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL10	R2046600-6	ABNL10	12/09/25 17:40
ABNL9	R2046600-15	ABNL9	12/09/25 18:00
ABNL8	R2046600-14	ABNL8	12/09/25 18:20
ABNL7	R2046600-13	ABNL7	12/09/25 18:40
ABNL6	R2046600-12	ABNL6	12/09/25 19:00
ABNL5	R2046600-11	ABNL5	12/09/25 19:20
ABNL4	R2046600-10	ABNL4	12/09/25 19:40
ABNL3	R2046600-9	ABNL3	12/09/25 20:00
ABNL2	R2046600-8	ABNL2	12/09/25 20:20
ABNL1	R2046600-7	ABNL1	12/09/25 20:40
AP9L10	R2046600-27	AP9L10	12/09/25 21:00
AP9L9	R2046600-35	AP9L9	12/09/25 21:20
AP9L8	R2046600-34	AP9L8	12/09/25 21:40
AP9L7	R2046600-33	AP9L7	12/09/25 22:00
AP9L6	R2046600-32	AP9L6	12/09/25 22:20
AP9L5	R2046600-31	AP9L5	12/09/25 22:40
AP9L4	R2046600-29	AP9L4	12/09/25 23:00
AP9L3	R2046600-30	AP9L3	12/09/25 23:20
AP9L2	R2046600-28	AP9L2	12/09/25 23:40
AP9L1	R2046600-26	AP9L1	12/10/25 00:00
ABN ICV Quant Report	R2046600-3	ABNICV	12/10/25 00:20
AP9 ICV Quant Report	R2046600-5	AP9ICV	12/10/25 00:40

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: MORK	**Analysis Date**	: 12/10/25 01:00
Tune Standard	: R2046600-2	**Tune File ID**	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	24.9
68	Less than 2.0% of mass 69	0 (0)1
69		100
70	Less than 2.0% of mass 69	0 (0)1
127	10.0 - 80.0% of Base Peak	39
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	28.2
365	Greater than 1.0% of mass 198	4.1
441	Present, but less than 24% of mass 442	18.4
442	Base Peak, or >50% of mass 198	86.3
443	15.0 - 24.0% of mass 442	16.5 (19.1)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADPL10	R2046600-18	ADPL10	12/10/25 01:20
ADPL9	R2046600-25	ADPL9	12/10/25 01:40
ADPL8	R2046600-24	ADPL8	12/10/25 02:00
ADPL7	R2046600-23	ADPL7	12/10/25 02:20
ADPL6	R2046600-22	ADPL6	12/10/25 02:40
ADPL5	R2046600-21	ADPL5	12/10/25 03:00
ADPL4	R2046600-20	ADPL4	12/10/25 03:20
ADPL3	R2046600-19	ADPL3	12/10/25 03:40
ADPL2	R2046600-17	ADPL2	12/10/25 04:00
ADPL1	R2046600-16	ADPL1	12/10/25 04:20
ADP ICV Quant Report	R2046600-4	ADPICV	12/10/25 04:41

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: MORK	**Analysis Date**	: 01/02/26 10:53
Tune Standard	: WG2161048-1	**Tune File ID**	: DEG0102_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	31.5
68	Less than 2.0% of mass 69	0 (0)1
69		100
70	Less than 2.0% of mass 69	0.2 (.4)1
127	10.0 - 80.0% of Base Peak	50.9
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	28.3
365	Greater than 1.0% of mass 198	3.9
441	Present, but less than 24% of mass 442	18.9
442	Base Peak, or >50% of mass 198	73.2
443	15.0 - 24.0% of mass 442	14.1 (19.2)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2161048-6TFACTOR-B	WG2161048-6	DEG0102	01/02/26 10:53
WG2161048-7TFACTOR-P	WG2161048-7	DEG0102	01/02/26 10:53
WG2161048-3CCAL	WG2161048-3	ABN0102	01/02/26 11:12
WG2161048-4CCAL	WG2161048-4	AP90102	01/02/26 11:32
WG2161048-5CCAL	WG2161048-5	ADP0102	01/02/26 11:52
AREA03-BOTTOM-12162025	L2580856-07	80856-07	01/02/26 19:50
AREA03-EW-12162025	L2580856-06	80856-06	01/02/26 20:10
AREA03-NW-12162025	L2580856-05	80856-05	01/02/26 20:29
AREA03-SW-12162025	L2580856-04	80856-04	01/02/26 20:49

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: JULIET	**Analysis Date**	: 12/27/25 07:40:00
Sample No	: WG2159109-3	**Lab File ID**	: ABN1227

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG2159109-3	91175	3.34	376049	4.43	243935	5.94
Upper Limit	182350	3.84	752098	4.93	487870	6.44
Lower Limit	45588	2.84	188025	3.93	121968	5.44
Sample ID						
WG2159109-4 CCAL	85671	3.34	348231	4.43	251415	5.93
WG2159109-5 CCAL	71110	3.34	-	-	198256	5.93
WG2158852-1 BLANK	84296	3.34	326208	4.43	248330	5.93
WG2158852-2 LCS	89426	3.34	340564	4.43	242701	5.94
WG2158852-3 LCSD	79189	3.34	314309	4.43	216427	5.94

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: JULIET	**Analysis Date**	: 12/27/25 07:40:00
Sample No	: WG2159109-3	**Lab File ID**	: ABN1227

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG2159109-3	544648	7.20	609694	9.60	666562	11.50
Upper Limit	1089296	7.70	1219388	10.10	1333124	12.00
Lower Limit	272324	6.70	304847	9.10	333281	11.00
Sample ID						
WG2159109-4 CCAL	547049	7.20	-	-	-	-
WG2159109-5 CCAL	465410	7.20	-	-	-	-
WG2158852-1 BLANK	571697	7.20	674677	9.59	844893	11.49
WG2158852-2 LCS	537319	7.20	558916	9.60	659983	11.49
WG2158852-3 LCSD	496411	7.20	536642	9.60	620705	11.49

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: SV134	**Analysis Date**	: 12/29/25 06:49:00
Sample No	: WG2159560-3	**Lab File ID**	: ABN1229

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG2159560-3	113676	4.10	460433	5.19	312198	6.73
Upper Limit	227352	4.60	920866	5.69	624396	7.23
Lower Limit	56838	3.60	230217	4.69	156099	6.23
Sample ID						
WG2159560-4 CCAL	126539	4.10	525053	5.19	358798	6.73
WG2159560-5 CCAL	107073	4.10	-	-	287855	6.72
AREA02-NW-12152025	139823	4.10	526106	5.19	301070	6.73
AREA01-BOTTOM-12152025	132908	4.10	487144	5.19	282882	6.73
AREA01-SW-12152025	147005	4.10	549364	5.19	316538	6.73

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: SV134	**Analysis Date**	: 12/29/25 06:49:00
Sample No	: WG2159560-3	**Lab File ID**	: ABN1229

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG2159560-3	626848	8.02	607398	10.76	672116	12.90
Upper Limit	1253696	8.52	1214796	11.26	1344232	13.40
Lower Limit	313424	7.52	303699	10.26	336058	12.40
Sample ID						
WG2159560-4 CCAL	758610	8.03	-	-	-	-
WG2159560-5 CCAL	607036	8.02	-	-	-	-
AREA02-NW-12152025	543285	8.03	485920	10.76	543775	12.91
AREA01-BOTTOM-12152025	519623	8.03	489263	10.76	554097	12.91
AREA01-SW-12152025	556883	8.03	483753	10.76	546577	12.91

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: GCMS5	**Analysis Date**	: 12/29/25 08:58:00
Sample No	: WG2159627-3	**Lab File ID**	: ABN1229

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG2159627-3	207886	5.62	830427	6.95	492520	8.69
Upper Limit	415772	6.12	1660854	7.45	985040	9.19
Lower Limit	103943	5.12	415214	6.45	246260	8.19
Sample ID						
WG2159627-4 CCAL	201235	5.61	774576	6.95	468814	8.69
WG2159627-5 CCAL	199342	5.61	-	-	477897	8.69
WG2159340-1 BLANK	159801	5.61	609589	6.95	380657	8.69
WG2159340-2 LCS	177905	5.61	684733	6.95	416589	8.69
WG2159340-3 LCSD	174101	5.61	679398	6.95	423911	8.69

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: GCMS5	**Analysis Date**	: 12/29/25 08:58:00
Sample No	: WG2159627-3	**Lab File ID**	: ABN1229

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG2159627-3	999664	10.12	1046728	12.86	1120829	14.58
Upper Limit	1999328	10.62	2093456	13.36	2241658	15.08
Lower Limit	499832	9.62	523364	12.36	560415	14.08
Sample ID						
WG2159627-4 CCAL	1000205	10.13	-	-	-	-
WG2159627-5 CCAL	1027642	10.12	-	-	-	-
WG2159340-1 BLANK	803042	10.12	872029	12.85	1067008	14.58
WG2159340-2 LCS	799459	10.12	807547	12.85	930056	14.58
WG2159340-3 LCSD	857042	10.12	886840	12.86	1033047	14.58

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: MORK	**Analysis Date**	: 01/02/26 11:12:00
Sample No	: WG2161048-3	**Lab File ID**	: ABN0102

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG2161048-3	90358	3.27	342813	4.36	203625	5.86
Upper Limit	180716	3.77	685626	4.86	407250	6.36
Lower Limit	45179	2.77	171407	3.86	101813	5.36
Sample ID						
WG2161048-4 CCAL	80544	3.27	296340	4.36	173471	5.86
WG2161048-5 CCAL	83428	3.27	-	-	184014	5.86
AREA03-BOTTOM-12162025	95220	3.28	370203	4.36	237756	5.86
AREA03-EW-12162025	92591	3.27	358574	4.36	221320	5.86
AREA03-NW-12162025	95925	3.28	377446	4.36	238245	5.86
AREA03-SW-12162025	99965	3.27	393322	4.36	246943	5.86

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: MORK	**Analysis Date**	: 01/02/26 11:12:00
Sample No	: WG2161048-3	**Lab File ID**	: ABN0102

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG2161048-3	439806	7.13	516716	9.46	654978	10.99
Upper Limit	879612	7.63	1033432	9.96	1309956	11.49
Lower Limit	219903	6.63	258358	8.96	327489	10.49
Sample ID						
WG2161048-4 CCAL	384044	7.12	-	-	-	-
WG2161048-5 CCAL	413356	7.12	-	-	-	-
AREA03-BOTTOM-12162025	491769	7.13	496087	9.47	577473	11.01
AREA03-EW-12162025	471224	7.13	466701	9.47	539774	11.01
AREA03-NW-12162025	493222	7.13	491864	9.47	570256	11.01
AREA03-SW-12162025	513027	7.13	526072	9.47	619300	11.01

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: SV103	**Analysis Date**	: 01/03/26 07:34:00
Sample No	: WG2161293-3	**Lab File ID**	: ABN0103

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG2161293-3	229319	3.43	878891	4.71	498403	6.40
Upper Limit	458638	3.93	1757782	5.21	996806	6.90
Lower Limit	114660	2.93	439446	4.21	249202	5.90
Sample ID						
WG2161293-4 CCAL	206396	3.43	813634	4.71	466338	6.40
WG2161293-5 CCAL	203595	3.43	-	-	454716	6.40
WG2160343-1 BLANK	209357	3.43	809535	4.71	470582	6.40
WG2160343-2 LCS	205077	3.43	796650	4.71	470615	6.40
WG2160343-3 LCSD	203067	3.43	791589	4.71	468120	6.40
AREA04-BOTTOM-12182025	222901	3.43	881058	4.72	512966	6.40
AREA04-SW-12182025	195931	3.44	774871	4.72	449229	6.40
AREA04-WW-12182025	198280	3.44	777560	4.72	454126	6.40
NW-PIPE-12182025	189781	3.43	722723	4.72	423975	6.40
WW-PIPE-12182025	215925	3.44	848108	4.72	503777	6.40

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: SV103	**Analysis Date**	: 01/03/26 07:34:00
Sample No	: WG2161293-3	**Lab File ID**	: ABN0103

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG2161293-3	991330	7.80	937828	10.31	1017246	11.75
Upper Limit	1982660	8.30	1875656	10.81	2034492	12.25
Lower Limit	495665	7.30	468914	9.81	508623	11.25
Sample ID						
WG2161293-4 CCAL	950185	7.79	-	-	-	-
WG2161293-5 CCAL	916227	7.79	-	-	-	-
WG2160343-1 BLANK	918635	7.79	884361	10.31	1077107	11.75
WG2160343-2 LCS	916199	7.80	840156	10.31	973560	11.75
WG2160343-3 LCSD	901439	7.80	811983	10.31	926924	11.75
AREA04-BOTTOM-12182025	981188	7.80	837472	10.31	946922	11.77
AREA04-SW-12182025	863542	7.80	745361	10.31	838595	11.76
AREA04-WW-12182025	862174	7.80	747654	10.31	854938	11.76
NW-PIPE-12182025	805783	7.80	708318	10.31	808675	11.76
WW-PIPE-12182025	970884	7.80	853936	10.31	974315	11.76

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Date Created: 04/17/25
Created By: Jason Hebert
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ABN Extractables - EPA 8270E (RVT) (WATER)

Holding Time: 7 days
Container/Sample Preservation: 2 - Amber 100ml unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Acenaphthene	83-32-9	2	0.403	ug/l	37-111	30	37-111	30	30			
Benzidine	92-87-5	20	6.01	ug/l	10-75	30	10-75	30	30			
1,2,4-Trichlorobenzene	120-82-1	5	0.977	ug/l	39-98	30	39-98	30	30			
Hexachlorobenzene	118-74-1	2	0.452	ug/l	40-140	30	40-140	30	30			
Bis(2-chloroethyl)ether	111-44-4	2	0.392	ug/l	40-140	30	40-140	30	30			
2-Chloronaphthalene	91-58-7	2	0.35	ug/l	40-140	30	40-140	30	30			
1,2-Dichlorobenzene	95-50-1	2	0.329	ug/l	40-140	30	40-140	30	30			
1,3-Dichlorobenzene	541-73-1	2	0.315	ug/l	40-140	30	40-140	30	30			
1,4-Dichlorobenzene	106-46-7	2	0.391	ug/l	36-97	30	36-97	30	30			
3,3'-Dichlorobenzidine	91-94-1	5	1.85	ug/l	40-140	30	40-140	30	30			
2,4-Dinitrotoluene	121-14-2	5	0.541	ug/l	48-143	30	48-143	30	30			
2,6-Dinitrotoluene	606-20-2	5	0.845	ug/l	40-140	30	40-140	30	30			
Azobenzene	122-66-7	2	0.418	ug/l	40-140	30	40-140	30	30			
Fluoranthene	206-44-0	2	0.411	ug/l	40-140	30	40-140	30	30			
4-Chlorophenyl phenyl ether	7005-72-3	2	0.386	ug/l	40-140	30	40-140	30	30			
4-Bromophenyl phenyl ether	101-55-3	2	0.244	ug/l	40-140	30	40-140	30	30			
Bis(2-chloroisopropyl)ether	108-60-1	2	0.403	ug/l	40-140	30	40-140	30	30			
Bis(2-chloroethoxy)methane	111-91-1	5	0.842	ug/l	40-140	30	40-140	30	30			
Hexachlorobutadiene	87-68-3	2	0.355	ug/l	40-140	30	40-140	30	30			
Hexachlorocyclopentadiene	77-47-4	20	1.23	ug/l	40-140	30	40-140	30	30			
Hexachloroethane	67-72-1	2	0.203	ug/l	40-140	30	40-140	30	30			
Isophorone	78-59-1	5	0.862	ug/l	40-140	30	40-140	30	30			
Naphthalene	91-20-3	2	0.542	ug/l	40-140	30	40-140	30	30			
Nitrobenzene	98-95-3	2	0.205	ug/l	40-140	30	40-140	30	30			
NitrosoDiPhenylAmine(NDPA)/DPA	86-30-6	2	0.924	ug/l	40-140	30	40-140	30	30			
n-Nitrosodi-n-propylamine	621-64-7	5	0.906	ug/l	29-132	30	29-132	30	30			
Bis(2-Ethylhexyl)phthalate	117-81-7	3	1.42	ug/l	40-140	30	40-140	30	30			
Butyl benzyl phthalate	85-68-7	5	2.61	ug/l	40-140	30	40-140	30	30			
Di-n-butylphthalate	84-74-2	5	0.957	ug/l	40-140	30	40-140	30	30			
Di-n-octylphthalate	117-84-0	5	2.26	ug/l	40-140	30	40-140	30	30			
Diethyl phthalate	84-66-2	5	0.765	ug/l	40-140	30	40-140	30	30			
Dimethyl phthalate	131-11-3	5	0.916	ug/l	40-140	30	40-140	30	30			
Benzo(a)anthracene	56-55-3	2	0.323	ug/l	40-140	30	40-140	30	30			
Benzo(a)pyrene	50-32-8	2	0.368	ug/l	40-140	30	40-140	30	30			
Benzo(b)fluoranthene	205-99-2	2	0.533	ug/l	40-140	30	40-140	30	30			
Benzo(k)fluoranthene	207-08-9	2	0.621	ug/l	40-140	30	40-140	30	30			
Chrysene	218-01-9	2	0.222	ug/l	40-140	30	40-140	30	30			
Acenaphthylene	208-96-8	2	0.315	ug/l	45-123	30	45-123	30	30			
Anthracene	120-12-7	2	0.467	ug/l	40-140	30	40-140	30	30			
Benzo(ghi)perylene	191-24-2	2	0.369	ug/l	40-140	30	40-140	30	30			
Fluorene	86-73-7	2	0.439	ug/l	40-140	30	40-140	30	30			
Phenanthrene	85-01-8	2	0.419	ug/l	40-140	30	40-140	30	30			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Date Created: 04/17/25
Created By: Jason Hebert
File: PM19302-1

ABN Extractables - EPA 8270E (RVT) (WATER)

Holding Time: 7 days
Container/Sample Preservation: 2 - Amber 100ml unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Dibenzo(a,h)anthracene	53-70-3	2	0.286	ug/l	40-140	30	40-140	30	30			
Indeno(1,2,3-cd)Pyrene	193-39-5	2	0.484	ug/l	40-140	30	40-140	30	30			
Pyrene	129-00-0	2	0.407	ug/l	26-127	30	26-127	30	30			
Biphenyl	92-52-4	2	0.196	ug/l	40-140	30	40-140	30	30			
Aniline	62-53-3	2	0.67	ug/l	40-140	30	40-140	30	30			
4-Chloroaniline	106-47-8	5	0.468	ug/l	40-140	30	40-140	30	30			
1-Methylnaphthalene	90-12-0	2	0.415	ug/l	41-103	30	41-103	30	30			
2-Nitroaniline	88-74-4	5	1.03	ug/l	52-143	30	52-143	30	30			
3-Nitroaniline	99-09-2	5	1.16	ug/l	25-145	30	25-145	30	30			
4-Nitroaniline	100-01-6	5	1.45	ug/l	51-143	30	51-143	30	30			
Dibenzofuran	132-64-9	2	0.401	ug/l	40-140	30	40-140	30	30			
2-Methylnaphthalene	91-57-6	2	0.372	ug/l	40-140	30	40-140	30	30			
n-Nitrosodimethylamine	62-75-9	2	0.44	ug/l	22-74	30	22-74	30	30			
2,4,6-Trichlorophenol	88-06-2	5	2.09	ug/l	30-130	30	30-130	30	30			
P-Chloro-M-Cresol	59-50-7	2	0.606	ug/l	23-97	30	23-97	30	30			
2-Chlorophenol	95-57-8	2	0.653	ug/l	27-123	30	27-123	30	30			
2,4-Dichlorophenol	120-83-2	5	1.7	ug/l	30-130	30	30-130	30	30			
2,4-Dimethylphenol	105-67-9	5	2.04	ug/l	30-130	30	30-130	30	30			
2-Nitrophenol	88-75-5	10	1.95	ug/l	30-130	30	30-130	30	30			
4-Nitrophenol	100-02-7	10	1.42	ug/l	10-80	30	10-80	30	30			
2,4-Dinitrophenol	51-28-5	20	5.42	ug/l	20-130	30	20-130	30	30			
4,6-Dinitro-o-cresol	534-52-1	10	2.31	ug/l	20-164	30	20-164	30	30			
Pentachlorophenol	87-86-5	10	2.51	ug/l	9-103	30	9-103	30	30			
Phenol	108-95-2	5	0.35	ug/l	12-110	30	12-110	30	30			
2-Methylphenol	95-48-7	5	2.31	ug/l	30-130	30	30-130	30	30			
3-Methylphenol/4-Methylphenol	106-44-5	5	1.39	ug/l	30-130	30	30-130	30	30			
2,4,5-Trichlorophenol	95-95-4	5	2.07	ug/l	30-130	30	30-130	30	30			
Benzoic Acid	65-85-0	50	2.62	ug/l	10-164	30	10-164	30	30			
Benzyl Alcohol	100-51-6	2	0.381	ug/l	26-116	30	26-116	30	30			
Carbazole	86-74-8	2	0.309	ug/l	55-144	30	55-144	30	30			
Pyridine	110-86-1	3.5	0.308	ug/l	10-66	30	10-66	30	30			
2-Fluorophenol	*367-12-4*									*21-120*		
Phenol-d6	*13127-88-3*									*10-120*		
Nitrobenzene-d5	*4165-60-0*									*23-120*		
2-Fluorobiphenyl	*321-60-8*									*15-120*		
2,4,6-Tribromophenol	*118-79-6*									*10-120*		
4-Terphenyl-d14	*1718-51-0*									*41-149*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Semivolatile Sample Data

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-01	Date Collected	: 12/15/25 13:00
Client ID	: AREA01-SW-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 16:02
Sample Matrix	: SOIL	Date Extracted	: 12/27/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-01	Analyst	: JG
Sample Amount	: 30.11 g	Instrument ID	: SV134
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	180	23.	U
118-74-1	Hexachlorobenzene	ND	130	25.	U
111-44-4	Bis(2-chloroethyl)ether	ND	200	30.	U
91-58-7	2-Chloronaphthalene	ND	220	22.	U
91-94-1	3,3'-Dichlorobenzidine	ND	220	59.	U
121-14-2	2,4-Dinitrotoluene	ND	220	44.	U
606-20-2	2,6-Dinitrotoluene	ND	220	38.	U
206-44-0	Fluoranthene	ND	130	26.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	24.	U
101-55-3	4-Bromophenyl phenyl ether	ND	220	34.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	270	38.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	240	22.	U
87-68-3	Hexachlorobutadiene	ND	220	33.	U
77-47-4	Hexachlorocyclopentadiene	ND	640	200	U
67-72-1	Hexachloroethane	ND	180	36.	U
78-59-1	Isophorone	ND	200	29.	U
91-20-3	Naphthalene	ND	220	27.	U
98-95-3	Nitrobenzene	ND	200	33.	U
86-30-6	NDPA/DPA	ND	180	25.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	220	34.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	220	77.	U
85-68-7	Butyl benzyl phthalate	ND	220	56.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-01	Date Collected	: 12/15/25 13:00
Client ID	: AREA01-SW-12152025	Date Received	: 12/18/25
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Lab File ID	: 80856-01	Analyst	: JG
Sample Amount	: 30.11 g	Instrument ID	: SV134
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	220	42.	U
117-84-0	Di-n-octylphthalate	ND	220	76.	U
84-66-2	Diethyl phthalate	ND	220	21.	U
131-11-3	Dimethyl phthalate	ND	220	47.	U
56-55-3	Benzo(a)anthracene	ND	130	25.	U
50-32-8	Benzo(a)pyrene	ND	180	54.	U
205-99-2	Benzo(b)fluoranthene	ND	130	38.	U
207-08-9	Benzo(k)fluoranthene	ND	130	36.	U
218-01-9	Chrysene	ND	130	23.	U
208-96-8	Acenaphthylene	ND	180	34.	U
120-12-7	Anthracene	ND	130	43.	U
191-24-2	Benzo(ghi)perylene	ND	180	26.	U
86-73-7	Fluorene	ND	220	22.	U
85-01-8	Phenanthrene	ND	130	27.	U
53-70-3	Dibenzo(a,h)anthracene	ND	130	26.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	31.	U
129-00-0	Pyrene	ND	130	22.	U
92-52-4	Biphenyl	ND	510	29.	U
106-47-8	4-Chloroaniline	ND	220	40.	U
88-74-4	2-Nitroaniline	ND	220	43.	U
99-09-2	3-Nitroaniline	ND	220	42.	U
100-01-6	4-Nitroaniline	ND	220	92.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-01	Date Collected	: 12/15/25 13:00
Client ID	: AREA01-SW-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 16:02
Sample Matrix	: SOIL	Date Extracted	: 12/27/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-01	Analyst	: JG
Sample Amount	: 30.11 g	Instrument ID	: SV134
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	220	21.	U
91-57-6	2-Methylnaphthalene	ND	270	27.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	23.	U
98-86-2	Acetophenone	ND	220	28.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	42.	U
59-50-7	p-Chloro-m-cresol	ND	220	33.	U
95-57-8	2-Chlorophenol	92	220	26.	J
120-83-2	2,4-Dichlorophenol	ND	200	36.	U
105-67-9	2,4-Dimethylphenol	ND	220	74.	U
88-75-5	2-Nitrophenol	ND	480	84.	U
100-02-7	4-Nitrophenol	ND	310	91.	U
51-28-5	2,4-Dinitrophenol	ND	1100	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	580	110	U
87-86-5	Pentachlorophenol	ND	180	49.	U
108-95-2	Phenol	ND	220	34.	U
95-48-7	2-Methylphenol	ND	220	34.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	320	35.	U
95-95-4	2,4,5-Trichlorophenol	ND	220	43.	U
86-74-8	Carbazole	ND	220	22.	U
1912-24-9	Atrazine	ND	180	78.	U
100-52-7	Benzaldehyde	ND	290	60.	U
105-60-2	Caprolactam	ND	220	68.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-01	**Date Collected**	: 12/15/25 13:00
Client ID	: AREA01-SW-12152025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/29/25 16:02
Sample Matrix	: SOIL	**Date Extracted**	: 12/27/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-01	**Analyst**	: JG
Sample Amount	: 30.11 g	**Instrument ID**	: SV134
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 75
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	45.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-01	**Date Collected**	: 12/15/25 13:00
Client ID	: AREA01-SW-12152025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/29/25 16:02
Sample Matrix	: SOIL	**Date Extracted**	: 12/27/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-01	**Analyst**	: JG
Sample Amount	: 30.11 g	**Instrument ID**	: SV134
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 75
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000108-90-7	Benzene, chloro-	2.83	5260	NJ
	Total TIC Compounds		5260J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-02	Date Collected	: 12/15/25 13:10
Client ID	: AREA01-BOTTOM-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 15:40
Sample Matrix	: SOIL	Date Extracted	: 12/27/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-02	Analyst	: JG
Sample Amount	: 30.46 g	Instrument ID	: SV134
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	180	23.	U
118-74-1	Hexachlorobenzene	ND	130	24.	U
111-44-4	Bis(2-chloroethyl)ether	ND	200	30.	U
91-58-7	2-Chloronaphthalene	ND	220	22.	U
91-94-1	3,3'-Dichlorobenzidine	ND	220	58.	U
121-14-2	2,4-Dinitrotoluene	ND	220	44.	U
606-20-2	2,6-Dinitrotoluene	ND	220	38.	U
206-44-0	Fluoranthene	ND	130	25.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	23.	U
101-55-3	4-Bromophenyl phenyl ether	ND	220	33.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	260	37.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	240	22.	U
87-68-3	Hexachlorobutadiene	ND	220	32.	U
77-47-4	Hexachlorocyclopentadiene	ND	630	200	U
67-72-1	Hexachloroethane	ND	180	36.	U
78-59-1	Isophorone	ND	200	28.	U
91-20-3	Naphthalene	ND	220	27.	U
98-95-3	Nitrobenzene	ND	200	32.	U
86-30-6	NDPA/DPA	ND	180	25.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	220	34.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	220	76.	U
85-68-7	Butyl benzyl phthalate	ND	220	55.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-02	Date Collected	: 12/15/25 13:10
Client ID	: AREA01-BOTTOM-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 15:40
Sample Matrix	: SOIL	Date Extracted	: 12/27/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-02	Analyst	: JG
Sample Amount	: 30.46 g	Instrument ID	: SV134
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	220	42.	U
117-84-0	Di-n-octylphthalate	ND	220	75.	U
84-66-2	Diethyl phthalate	ND	220	20.	U
131-11-3	Dimethyl phthalate	ND	220	46.	U
56-55-3	Benzo(a)anthracene	ND	130	25.	U
50-32-8	Benzo(a)pyrene	ND	180	54.	U
205-99-2	Benzo(b)fluoranthene	ND	130	37.	U
207-08-9	Benzo(k)fluoranthene	ND	130	35.	U
218-01-9	Chrysene	ND	130	23.	U
208-96-8	Acenaphthylene	ND	180	34.	U
120-12-7	Anthracene	ND	130	43.	U
191-24-2	Benzo(ghi)perylene	ND	180	26.	U
86-73-7	Fluorene	ND	220	21.	U
85-01-8	Phenanthrene	ND	130	27.	U
53-70-3	Dibenzo(a,h)anthracene	ND	130	25.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	30.	U
129-00-0	Pyrene	ND	130	22.	U
92-52-4	Biphenyl	ND	500	28.	U
106-47-8	4-Chloroaniline	ND	220	40.	U
88-74-4	2-Nitroaniline	ND	220	42.	U
99-09-2	3-Nitroaniline	ND	220	41.	U
100-01-6	4-Nitroaniline	ND	220	91.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-02	Date Collected	: 12/15/25 13:10
Client ID	: AREA01-BOTTOM-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 15:40
Sample Matrix	: SOIL	Date Extracted	: 12/27/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-02	Analyst	: JG
Sample Amount	: 30.46 g	Instrument ID	: SV134
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	220	21.	U
91-57-6	2-Methylnaphthalene	ND	260	26.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	23.	U
98-86-2	Acetophenone	ND	220	27.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	42.	U
59-50-7	p-Chloro-m-cresol	ND	220	33.	U
95-57-8	2-Chlorophenol	ND	220	26.	U
120-83-2	2,4-Dichlorophenol	ND	200	35.	U
105-67-9	2,4-Dimethylphenol	ND	220	72.	U
88-75-5	2-Nitrophenol	ND	470	82.	U
100-02-7	4-Nitrophenol	ND	310	90.	U
51-28-5	2,4-Dinitrophenol	ND	1000	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	570	100	U
87-86-5	Pentachlorophenol	ND	180	48.	U
108-95-2	Phenol	ND	220	33.	U
95-48-7	2-Methylphenol	ND	220	34.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	320	34.	U
95-95-4	2,4,5-Trichlorophenol	ND	220	42.	U
86-74-8	Carbazole	ND	220	21.	U
1912-24-9	Atrazine	ND	180	77.	U
100-52-7	Benzaldehyde	ND	290	59.	U
105-60-2	Caprolactam	ND	220	67.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-02	Date Collected	: 12/15/25 13:10
Client ID	: AREA01-BOTTOM-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 15:40
Sample Matrix	: SOIL	Date Extracted	: 12/27/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-02	Analyst	: JG
Sample Amount	: 30.46 g	Instrument ID	: SV134
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	44.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-02	**Date Collected**	: 12/15/25 13:10
Client ID	: AREA01-BOTTOM-12152025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/29/25 15:40
Sample Matrix	: SOIL	**Date Extracted**	: 12/27/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-02	**Analyst**	: JG
Sample Amount	: 30.46 g	**Instrument ID**	: SV134
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 75
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000108-90-7	Benzene, chloro-	2.83	395	NJ
	Total TIC Compounds		395J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-03	Date Collected	: 12/15/25 14:00
Client ID	: AREA02-NW-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 15:19
Sample Matrix	: SOIL	Date Extracted	: 12/27/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-03	Analyst	: JG
Sample Amount	: 30.49 g	Instrument ID	: SV134
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	170	22.	U
118-74-1	Hexachlorobenzene	ND	120	23.	U
111-44-4	Bis(2-chloroethyl)ether	ND	190	28.	U
91-58-7	2-Chloronaphthalene	ND	210	21.	U
91-94-1	3,3'-Dichlorobenzidine	ND	210	56.	U
121-14-2	2,4-Dinitrotoluene	ND	210	42.	U
606-20-2	2,6-Dinitrotoluene	ND	210	36.	U
206-44-0	Fluoranthene	ND	120	24.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	22.	U
101-55-3	4-Bromophenyl phenyl ether	ND	210	32.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	250	36.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	230	21.	U
87-68-3	Hexachlorobutadiene	ND	210	31.	U
77-47-4	Hexachlorocyclopentadiene	ND	600	190	U
67-72-1	Hexachloroethane	ND	170	34.	U
78-59-1	Isophorone	ND	190	27.	U
91-20-3	Naphthalene	ND	210	26.	U
98-95-3	Nitrobenzene	ND	190	31.	U
86-30-6	NDPA/DPA	ND	170	24.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	210	32.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	210	72.	U
85-68-7	Butyl benzyl phthalate	ND	210	53.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-03	Date Collected	: 12/15/25 14:00
Client ID	: AREA02-NW-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 15:19
Sample Matrix	: SOIL	Date Extracted	: 12/27/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-03	Analyst	: JG
Sample Amount	: 30.49 g	Instrument ID	: SV134
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	210	40.	U
117-84-0	Di-n-octylphthalate	ND	210	71.	U
84-66-2	Diethyl phthalate	ND	210	19.	U
131-11-3	Dimethyl phthalate	ND	210	44.	U
56-55-3	Benzo(a)anthracene	ND	120	24.	U
50-32-8	Benzo(a)pyrene	ND	170	51.	U
205-99-2	Benzo(b)fluoranthene	ND	120	35.	U
207-08-9	Benzo(k)fluoranthene	ND	120	34.	U
218-01-9	Chrysene	ND	120	22.	U
208-96-8	Acenaphthylene	ND	170	32.	U
120-12-7	Anthracene	ND	120	41.	U
191-24-2	Benzo(ghi)perylene	ND	170	25.	U
86-73-7	Fluorene	ND	210	20.	U
85-01-8	Phenanthrene	ND	120	25.	U
53-70-3	Dibenzo(a,h)anthracene	ND	120	24.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	29.	U
129-00-0	Pyrene	ND	120	21.	U
92-52-4	Biphenyl	ND	480	27.	U
106-47-8	4-Chloroaniline	ND	210	38.	U
88-74-4	2-Nitroaniline	ND	210	40.	U
99-09-2	3-Nitroaniline	ND	210	40.	U
100-01-6	4-Nitroaniline	ND	210	87.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-03	Date Collected	: 12/15/25 14:00
Client ID	: AREA02-NW-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 15:19
Sample Matrix	: SOIL	Date Extracted	: 12/27/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-03	Analyst	: JG
Sample Amount	: 30.49 g	Instrument ID	: SV134
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	210	20.	U
91-57-6	2-Methylnaphthalene	ND	250	25.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	22.	U
98-86-2	Acetophenone	ND	210	26.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	40.	U
59-50-7	p-Chloro-m-cresol	ND	210	31.	U
95-57-8	2-Chlorophenol	ND	210	25.	U
120-83-2	2,4-Dichlorophenol	ND	190	34.	U
105-67-9	2,4-Dimethylphenol	ND	210	69.	U
88-75-5	2-Nitrophenol	ND	450	79.	U
100-02-7	4-Nitrophenol	ND	290	86.	U
51-28-5	2,4-Dinitrophenol	ND	1000	98.	U
534-52-1	4,6-Dinitro-o-cresol	ND	540	100	U
87-86-5	Pentachlorophenol	ND	170	46.	U
108-95-2	Phenol	ND	210	32.	U
95-48-7	2-Methylphenol	ND	210	32.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	300	33.	U
95-95-4	2,4,5-Trichlorophenol	ND	210	40.	U
86-74-8	Carbazole	ND	210	20.	U
1912-24-9	Atrazine	ND	170	73.	U
100-52-7	Benzaldehyde	ND	280	57.	U
105-60-2	Caprolactam	ND	210	64.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-03	**Date Collected**	: 12/15/25 14:00
Client ID	: AREA02-NW-12152025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/29/25 15:19
Sample Matrix	: SOIL	**Date Extracted**	: 12/27/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-03	**Analyst**	: JG
Sample Amount	: 30.49 g	**Instrument ID**	: SV134
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 78
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	42.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-03	**Date Collected**	: 12/15/25 14:00
Client ID	: AREA02-NW-12152025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/29/25 15:19
Sample Matrix	: SOIL	**Date Extracted**	: 12/27/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-03	**Analyst**	: JG
Sample Amount	: 30.49 g	**Instrument ID**	: SV134
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 78
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000108-90-7	Benzene, chloro-	2.83	3470	NJ
	Total TIC Compounds		3470J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-04	Date Collected	: 12/16/25 12:00
Client ID	: AREA03-SW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 20:49
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-04	Analyst	: IMK
Sample Amount	: 30.7 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 71
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	180	24.	U
118-74-1	Hexachlorobenzene	ND	140	26.	U
111-44-4	Bis(2-chloroethyl)ether	ND	210	31.	U
91-58-7	2-Chloronaphthalene	ND	230	23.	U
91-94-1	3,3'-Dichlorobenzidine	ND	230	61.	U
121-14-2	2,4-Dinitrotoluene	ND	230	46.	U
606-20-2	2,6-Dinitrotoluene	ND	230	39.	U
206-44-0	Fluoranthene	ND	140	26.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	24.	U
101-55-3	4-Bromophenyl phenyl ether	ND	230	35.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	270	39.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	250	23.	U
87-68-3	Hexachlorobutadiene	ND	230	34.	U
77-47-4	Hexachlorocyclopentadiene	ND	660	210	U
67-72-1	Hexachloroethane	ND	180	37.	U
78-59-1	Isophorone	ND	210	30.	U
91-20-3	Naphthalene	ND	230	28.	U
98-95-3	Nitrobenzene	ND	210	34.	U
86-30-6	NDPA/DPA	ND	180	26.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	230	35.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	230	79.	U
85-68-7	Butyl benzyl phthalate	ND	230	58.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-04	Date Collected	: 12/16/25 12:00
Client ID	: AREA03-SW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 20:49
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-04	Analyst	: IMK
Sample Amount	: 30.7 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 71
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	230	43.	U
117-84-0	Di-n-octylphthalate	ND	230	78.	U
84-66-2	Diethyl phthalate	ND	230	21.	U
131-11-3	Dimethyl phthalate	ND	230	48.	U
56-55-3	Benzo(a)anthracene	ND	140	26.	U
50-32-8	Benzo(a)pyrene	ND	180	56.	U
205-99-2	Benzo(b)fluoranthene	ND	140	38.	U
207-08-9	Benzo(k)fluoranthene	ND	140	37.	U
218-01-9	Chrysene	ND	140	24.	U
208-96-8	Acenaphthylene	ND	180	35.	U
120-12-7	Anthracene	ND	140	45.	U
191-24-2	Benzo(ghi)perylene	ND	180	27.	U
86-73-7	Fluorene	ND	230	22.	U
85-01-8	Phenanthrene	ND	140	28.	U
53-70-3	Dibenzo(a,h)anthracene	ND	140	26.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	32.	U
129-00-0	Pyrene	ND	140	23.	U
92-52-4	Biphenyl	ND	520	30.	U
106-47-8	4-Chloroaniline	ND	230	42.	U
88-74-4	2-Nitroaniline	ND	230	44.	U
99-09-2	3-Nitroaniline	ND	230	43.	U
100-01-6	4-Nitroaniline	ND	230	95.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-04	Date Collected	: 12/16/25 12:00
Client ID	: AREA03-SW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 20:49
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-04	Analyst	: IMK
Sample Amount	: 30.7 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 71
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	230	22.	U
91-57-6	2-Methylnaphthalene	ND	270	28.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	230	24.	U
98-86-2	Acetophenone	ND	230	28.	U
88-06-2	2,4,6-Trichlorophenol	ND	140	43.	U
59-50-7	p-Chloro-m-cresol	ND	230	34.	U
95-57-8	2-Chlorophenol	980	230	27.	
120-83-2	2,4-Dichlorophenol	ND	210	37.	U
105-67-9	2,4-Dimethylphenol	ND	230	76.	U
88-75-5	2-Nitrophenol	ND	490	86.	U
100-02-7	4-Nitrophenol	ND	320	93.	U
51-28-5	2,4-Dinitrophenol	ND	1100	110	U
534-52-1	4,6-Dinitro-o-cresol	ND	600	110	U
87-86-5	Pentachlorophenol	ND	180	50.	U
108-95-2	Phenol	ND	230	34.	U
95-48-7	2-Methylphenol	ND	230	36.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	330	36.	U
95-95-4	2,4,5-Trichlorophenol	ND	230	44.	U
86-74-8	Carbazole	ND	230	22.	U
1912-24-9	Atrazine	ND	180	80.	U
100-52-7	Benzaldehyde	ND	300	62.	U
105-60-2	Caprolactam	ND	230	70.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-04	Date Collected	: 12/16/25 12:00
Client ID	: AREA03-SW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 20:49
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-04	Analyst	: IMK
Sample Amount	: 30.7 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 71
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	230	46.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-04	**Date Collected**	: 12/16/25 12:00
Client ID	: AREA03-SW-12162025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 01/02/26 20:49
Sample Matrix	: SOIL	**Date Extracted**	: 12/28/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-04	**Analyst**	: IMK
Sample Amount	: 30.7 g	**Instrument ID**	: MORK
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 71
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 4 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000108-90-7	Benzene, chloro-	1.93	18700	NJ
	Unknown Phenol	4.44	779	J
	Unknown Alkane	9.86	187	J
	Total TIC Compounds		19700J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-05	Date Collected	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 20:29
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-05	Analyst	: IMK
Sample Amount	: 30.48 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	170	22.	U
118-74-1	Hexachlorobenzene	ND	130	24.	U
111-44-4	Bis(2-chloroethyl)ether	ND	190	29.	U
91-58-7	2-Chloronaphthalene	ND	210	21.	U
91-94-1	3,3'-Dichlorobenzidine	ND	210	57.	U
121-14-2	2,4-Dinitrotoluene	ND	210	43.	U
606-20-2	2,6-Dinitrotoluene	ND	210	36.	U
206-44-0	Fluoranthene	ND	130	24.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	23.	U
101-55-3	4-Bromophenyl phenyl ether	ND	210	32.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	260	36.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	230	21.	U
87-68-3	Hexachlorobutadiene	ND	210	31.	U
77-47-4	Hexachlorocyclopentadiene	ND	610	190	U
67-72-1	Hexachloroethane	ND	170	34.	U
78-59-1	Isophorone	ND	190	28.	U
91-20-3	Naphthalene	ND	210	26.	U
98-95-3	Nitrobenzene	ND	190	32.	U
86-30-6	NDPA/DPA	ND	170	24.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	210	33.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	210	74.	U
85-68-7	Butyl benzyl phthalate	ND	210	54.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-05	Date Collected	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 20:29
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-05	Analyst	: IMK
Sample Amount	: 30.48 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	210	40.	U
117-84-0	Di-n-octylphthalate	ND	210	72.	U
84-66-2	Diethyl phthalate	ND	210	20.	U
131-11-3	Dimethyl phthalate	ND	210	45.	U
56-55-3	Benzo(a)anthracene	ND	130	24.	U
50-32-8	Benzo(a)pyrene	ND	170	52.	U
205-99-2	Benzo(b)fluoranthene	ND	130	36.	U
207-08-9	Benzo(k)fluoranthene	ND	130	34.	U
218-01-9	Chrysene	ND	130	22.	U
208-96-8	Acenaphthylene	ND	170	33.	U
120-12-7	Anthracene	ND	130	42.	U
191-24-2	Benzo(ghi)perylene	ND	170	25.	U
86-73-7	Fluorene	ND	210	21.	U
85-01-8	Phenanthrene	ND	130	26.	U
53-70-3	Dibenzo(a,h)anthracene	ND	130	25.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	30.	U
129-00-0	Pyrene	ND	130	21.	U
92-52-4	Biphenyl	ND	480	28.	U
106-47-8	4-Chloroaniline	ND	210	39.	U
88-74-4	2-Nitroaniline	ND	210	41.	U
99-09-2	3-Nitroaniline	ND	210	40.	U
100-01-6	4-Nitroaniline	ND	210	88.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-05	Date Collected	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 20:29
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-05	Analyst	: IMK
Sample Amount	: 30.48 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	210	20.	U
91-57-6	2-Methylnaphthalene	ND	260	26.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	22.	U
98-86-2	Acetophenone	ND	210	26.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	40.	U
59-50-7	p-Chloro-m-cresol	ND	210	32.	U
95-57-8	2-Chlorophenol	ND	210	25.	U
120-83-2	2,4-Dichlorophenol	ND	190	34.	U
105-67-9	2,4-Dimethylphenol	ND	210	70.	U
88-75-5	2-Nitrophenol	ND	460	80.	U
100-02-7	4-Nitrophenol	ND	300	87.	U
51-28-5	2,4-Dinitrophenol	ND	1000	99.	U
534-52-1	4,6-Dinitro-o-cresol	ND	550	100	U
87-86-5	Pentachlorophenol	ND	170	47.	U
108-95-2	Phenol	ND	210	32.	U
95-48-7	2-Methylphenol	ND	210	33.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	310	33.	U
95-95-4	2,4,5-Trichlorophenol	ND	210	41.	U
86-74-8	Carbazole	ND	210	21.	U
1912-24-9	Atrazine	ND	170	74.	U
100-52-7	Benzaldehyde	ND	280	58.	U
105-60-2	Caprolactam	ND	210	65.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-05	Date Collected	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 20:29
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-05	Analyst	: IMK
Sample Amount	: 30.48 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	43.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-05	**Date Collected**	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 01/02/26 20:29
Sample Matrix	: SOIL	**Date Extracted**	: 12/28/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-05	**Analyst**	: IMK
Sample Amount	: 30.48 g	**Instrument ID**	: MORK
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 77
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000108-90-7	Benzene, chloro-	1.93	602	NJ
	Total TIC Compounds		602J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-06	Date Collected	: 12/16/25 13:00
Client ID	: AREA03-EW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 20:10
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-06	Analyst	: IMK
Sample Amount	: 30.74 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	170	22.	U
118-74-1	Hexachlorobenzene	ND	130	24.	U
111-44-4	Bis(2-chloroethyl)ether	ND	190	29.	U
91-58-7	2-Chloronaphthalene	ND	210	21.	U
91-94-1	3,3'-Dichlorobenzidine	ND	210	56.	U
121-14-2	2,4-Dinitrotoluene	ND	210	42.	U
606-20-2	2,6-Dinitrotoluene	ND	210	36.	U
206-44-0	Fluoranthene	ND	130	24.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	23.	U
101-55-3	4-Bromophenyl phenyl ether	ND	210	32.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	250	36.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	230	21.	U
87-68-3	Hexachlorobutadiene	ND	210	31.	U
77-47-4	Hexachlorocyclopentadiene	ND	600	190	U
67-72-1	Hexachloroethane	ND	170	34.	U
78-59-1	Isophorone	ND	190	27.	U
91-20-3	Naphthalene	ND	210	26.	U
98-95-3	Nitrobenzene	ND	190	31.	U
86-30-6	NDPA/DPA	ND	170	24.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	210	33.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	210	73.	U
85-68-7	Butyl benzyl phthalate	ND	210	53.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-06	Date Collected	: 12/16/25 13:00
Client ID	: AREA03-EW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 20:10
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-06	Analyst	: IMK
Sample Amount	: 30.74 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	210	40.	U
117-84-0	Di-n-octylphthalate	ND	210	72.	U
84-66-2	Diethyl phthalate	ND	210	20.	U
131-11-3	Dimethyl phthalate	ND	210	44.	U
56-55-3	Benzo(a)anthracene	ND	130	24.	U
50-32-8	Benzo(a)pyrene	ND	170	52.	U
205-99-2	Benzo(b)fluoranthene	ND	130	36.	U
207-08-9	Benzo(k)fluoranthene	ND	130	34.	U
218-01-9	Chrysene	ND	130	22.	U
208-96-8	Acenaphthylene	ND	170	33.	U
120-12-7	Anthracene	ND	130	41.	U
191-24-2	Benzo(ghi)perylene	ND	170	25.	U
86-73-7	Fluorene	ND	210	20.	U
85-01-8	Phenanthrene	ND	130	26.	U
53-70-3	Dibenzo(a,h)anthracene	ND	130	24.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	29.	U
129-00-0	Pyrene	ND	130	21.	U
92-52-4	Biphenyl	ND	480	27.	U
106-47-8	4-Chloroaniline	ND	210	38.	U
88-74-4	2-Nitroaniline	ND	210	41.	U
99-09-2	3-Nitroaniline	ND	210	40.	U
100-01-6	4-Nitroaniline	ND	210	87.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-06	Date Collected	: 12/16/25 13:00
Client ID	: AREA03-EW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 20:10
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-06	Analyst	: IMK
Sample Amount	: 30.74 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	210	20.	U
91-57-6	2-Methylnaphthalene	ND	250	26.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	22.	U
98-86-2	Acetophenone	ND	210	26.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	40.	U
59-50-7	p-Chloro-m-cresol	ND	210	31.	U
95-57-8	2-Chlorophenol	140	210	25.	J
120-83-2	2,4-Dichlorophenol	ND	190	34.	U
105-67-9	2,4-Dimethylphenol	ND	210	70.	U
88-75-5	2-Nitrophenol	ND	460	79.	U
100-02-7	4-Nitrophenol	ND	300	86.	U
51-28-5	2,4-Dinitrophenol	ND	1000	98.	U
534-52-1	4,6-Dinitro-o-cresol	ND	550	100	U
87-86-5	Pentachlorophenol	ND	170	46.	U
108-95-2	Phenol	ND	210	32.	U
95-48-7	2-Methylphenol	ND	210	33.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	300	33.	U
95-95-4	2,4,5-Trichlorophenol	ND	210	40.	U
86-74-8	Carbazole	ND	210	20.	U
1912-24-9	Atrazine	ND	170	74.	U
100-52-7	Benzaldehyde	ND	280	57.	U
105-60-2	Caprolactam	ND	210	64.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-06	Date Collected	: 12/16/25 13:00
Client ID	: AREA03-EW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 20:10
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-06	Analyst	: IMK
Sample Amount	: 30.74 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	43.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-06	**Date Collected**	: 12/16/25 13:00
Client ID	: AREA03-EW-12162025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 01/02/26 20:10
Sample Matrix	: SOIL	**Date Extracted**	: 12/28/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-06	**Analyst**	: IMK
Sample Amount	: 30.74 g	**Instrument ID**	: MORK
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 77
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000108-90-7	Benzene, chloro-	1.94	48900	NJ
	Total TIC Compounds		48900J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-07	Date Collected	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 19:50
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-07	Analyst	: IMK
Sample Amount	: 30.79 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	170	22.	U
118-74-1	Hexachlorobenzene	ND	130	24.	U
111-44-4	Bis(2-chloroethyl)ether	ND	200	29.	U
91-58-7	2-Chloronaphthalene	ND	220	22.	U
91-94-1	3,3'-Dichlorobenzidine	ND	220	58.	U
121-14-2	2,4-Dinitrotoluene	ND	220	43.	U
606-20-2	2,6-Dinitrotoluene	ND	220	37.	U
206-44-0	Fluoranthene	ND	130	25.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	23.	U
101-55-3	4-Bromophenyl phenyl ether	ND	220	33.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	260	37.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	230	22.	U
87-68-3	Hexachlorobutadiene	ND	220	32.	U
77-47-4	Hexachlorocyclopentadiene	ND	620	200	U
67-72-1	Hexachloroethane	ND	170	35.	U
78-59-1	Isophorone	ND	200	28.	U
91-20-3	Naphthalene	ND	220	26.	U
98-95-3	Nitrobenzene	ND	200	32.	U
86-30-6	NDPA/DPA	ND	170	25.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	220	33.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	220	75.	U
85-68-7	Butyl benzyl phthalate	ND	220	55.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-07	Date Collected	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 19:50
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-07	Analyst	: IMK
Sample Amount	: 30.79 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	220	41.	U
117-84-0	Di-n-octylphthalate	ND	220	74.	U
84-66-2	Diethyl phthalate	ND	220	20.	U
131-11-3	Dimethyl phthalate	ND	220	46.	U
56-55-3	Benzo(a)anthracene	ND	130	24.	U
50-32-8	Benzo(a)pyrene	ND	170	53.	U
205-99-2	Benzo(b)fluoranthene	ND	130	36.	U
207-08-9	Benzo(k)fluoranthene	ND	130	35.	U
218-01-9	Chrysene	ND	130	22.	U
208-96-8	Acenaphthylene	ND	170	33.	U
120-12-7	Anthracene	ND	130	42.	U
191-24-2	Benzo(ghi)perylene	ND	170	25.	U
86-73-7	Fluorene	ND	220	21.	U
85-01-8	Phenanthrene	ND	130	26.	U
53-70-3	Dibenzo(a,h)anthracene	ND	130	25.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	30.	U
129-00-0	Pyrene	ND	130	22.	U
92-52-4	Biphenyl	ND	490	28.	U
106-47-8	4-Chloroaniline	ND	220	39.	U
88-74-4	2-Nitroaniline	ND	220	42.	U
99-09-2	3-Nitroaniline	ND	220	41.	U
100-01-6	4-Nitroaniline	ND	220	90.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-07	Date Collected	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 19:50
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-07	Analyst	: IMK
Sample Amount	: 30.79 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	220	20.	U
91-57-6	2-Methylnaphthalene	ND	260	26.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	23.	U
98-86-2	Acetophenone	ND	220	27.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	41.	U
59-50-7	p-Chloro-m-cresol	ND	220	32.	U
95-57-8	2-Chlorophenol	ND	220	26.	U
120-83-2	2,4-Dichlorophenol	ND	200	35.	U
105-67-9	2,4-Dimethylphenol	ND	220	72.	U
88-75-5	2-Nitrophenol	ND	470	82.	U
100-02-7	4-Nitrophenol	ND	300	88.	U
51-28-5	2,4-Dinitrophenol	ND	1000	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	560	100	U
87-86-5	Pentachlorophenol	ND	170	48.	U
108-95-2	Phenol	ND	220	33.	U
95-48-7	2-Methylphenol	ND	220	34.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	310	34.	U
95-95-4	2,4,5-Trichlorophenol	ND	220	42.	U
86-74-8	Carbazole	ND	220	21.	U
1912-24-9	Atrazine	ND	170	76.	U
100-52-7	Benzaldehyde	ND	290	58.	U
105-60-2	Caprolactam	ND	220	66.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-07	Date Collected	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 19:50
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-07	Analyst	: IMK
Sample Amount	: 30.79 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	44.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-07	**Date Collected**	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 01/02/26 19:50
Sample Matrix	: SOIL	**Date Extracted**	: 12/28/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-07	**Analyst**	: IMK
Sample Amount	: 30.79 g	**Instrument ID**	: MORK
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 75
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000108-90-7	Benzene, chloro-	1.93	328	NJ
	Total TIC Compounds		328J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-08	Date Collected	: 12/18/25 10:00
Client ID	: AREA04-BOTTOM-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 15:28
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-08	Analyst	: CMM
Sample Amount	: 30.46 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 74
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	180	23.	U
118-74-1	Hexachlorobenzene	ND	130	25.	U
111-44-4	Bis(2-chloroethyl)ether	ND	200	30.	U
91-58-7	2-Chloronaphthalene	ND	220	22.	U
91-94-1	3,3'-Dichlorobenzidine	ND	220	59.	U
121-14-2	2,4-Dinitrotoluene	ND	220	44.	U
606-20-2	2,6-Dinitrotoluene	ND	220	38.	U
206-44-0	Fluoranthene	ND	130	26.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	24.	U
101-55-3	4-Bromophenyl phenyl ether	ND	220	34.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	270	38.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	240	22.	U
87-68-3	Hexachlorobutadiene	ND	220	33.	U
77-47-4	Hexachlorocyclopentadiene	ND	640	200	U
67-72-1	Hexachloroethane	ND	180	36.	U
78-59-1	Isophorone	ND	200	29.	U
91-20-3	Naphthalene	ND	220	27.	U
98-95-3	Nitrobenzene	ND	200	33.	U
86-30-6	NDPA/DPA	ND	180	25.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	220	34.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	220	77.	U
85-68-7	Butyl benzyl phthalate	ND	220	56.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-08	Date Collected	: 12/18/25 10:00
Client ID	: AREA04-BOTTOM-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 15:28
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-08	Analyst	: CMM
Sample Amount	: 30.46 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 74
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	220	42.	U
117-84-0	Di-n-octylphthalate	ND	220	76.	U
84-66-2	Diethyl phthalate	ND	220	21.	U
131-11-3	Dimethyl phthalate	ND	220	47.	U
56-55-3	Benzo(a)anthracene	ND	130	25.	U
50-32-8	Benzo(a)pyrene	ND	180	54.	U
205-99-2	Benzo(b)fluoranthene	ND	130	38.	U
207-08-9	Benzo(k)fluoranthene	ND	130	36.	U
218-01-9	Chrysene	ND	130	23.	U
208-96-8	Acenaphthylene	ND	180	34.	U
120-12-7	Anthracene	ND	130	43.	U
191-24-2	Benzo(ghi)perylene	ND	180	26.	U
86-73-7	Fluorene	ND	220	22.	U
85-01-8	Phenanthrene	ND	130	27.	U
53-70-3	Dibenzo(a,h)anthracene	ND	130	26.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	31.	U
129-00-0	Pyrene	ND	130	22.	U
92-52-4	Biphenyl	ND	510	29.	U
106-47-8	4-Chloroaniline	ND	220	40.	U
88-74-4	2-Nitroaniline	ND	220	43.	U
99-09-2	3-Nitroaniline	ND	220	42.	U
100-01-6	4-Nitroaniline	ND	220	92.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-08	Date Collected	: 12/18/25 10:00
Client ID	: AREA04-BOTTOM-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 15:28
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-08	Analyst	: CMM
Sample Amount	: 30.46 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 74
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	220	21.	U
91-57-6	2-Methylnaphthalene	ND	270	27.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	23.	U
98-86-2	Acetophenone	ND	220	28.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	42.	U
59-50-7	p-Chloro-m-cresol	ND	220	33.	U
95-57-8	2-Chlorophenol	ND	220	26.	U
120-83-2	2,4-Dichlorophenol	ND	200	36.	U
105-67-9	2,4-Dimethylphenol	ND	220	73.	U
88-75-5	2-Nitrophenol	ND	480	84.	U
100-02-7	4-Nitrophenol	ND	310	91.	U
51-28-5	2,4-Dinitrophenol	ND	1100	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	580	110	U
87-86-5	Pentachlorophenol	ND	180	49.	U
108-95-2	Phenol	ND	220	34.	U
95-48-7	2-Methylphenol	ND	220	34.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	320	35.	U
95-95-4	2,4,5-Trichlorophenol	ND	220	43.	U
86-74-8	Carbazole	ND	220	22.	U
1912-24-9	Atrazine	ND	180	78.	U
100-52-7	Benzaldehyde	ND	290	60.	U
105-60-2	Caprolactam	ND	220	68.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-08	Date Collected	: 12/18/25 10:00
Client ID	: AREA04-BOTTOM-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 15:28
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-08	Analyst	: CMM
Sample Amount	: 30.46 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 74
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	45.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-08	**Date Collected**	: 12/18/25 10:00
Client ID	: AREA04-BOTTOM-12182025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 01/03/26 15:28
Sample Matrix	: SOIL	**Date Extracted**	: 12/30/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-08	**Analyst**	: CMM
Sample Amount	: 30.46 g	**Instrument ID**	: SV103
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 74
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000108-90-7	Benzene, chloro-	1.55	266	NJ
	Total TIC Compounds		266J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-09	Date Collected	: 12/18/25 11:00
Client ID	: AREA04-SW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 15:49
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-09	Analyst	: CMM
Sample Amount	: 30.84 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 74
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	170	22.	U
118-74-1	Hexachlorobenzene	ND	130	24.	U
111-44-4	Bis(2-chloroethyl)ether	ND	200	30.	U
91-58-7	2-Chloronaphthalene	ND	220	22.	U
91-94-1	3,3'-Dichlorobenzidine	ND	220	58.	U
121-14-2	2,4-Dinitrotoluene	ND	220	44.	U
606-20-2	2,6-Dinitrotoluene	ND	220	37.	U
206-44-0	Fluoranthene	ND	130	25.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	23.	U
101-55-3	4-Bromophenyl phenyl ether	ND	220	33.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	260	37.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	240	22.	U
87-68-3	Hexachlorobutadiene	ND	220	32.	U
77-47-4	Hexachlorocyclopentadiene	ND	620	200	U
67-72-1	Hexachloroethane	ND	170	35.	U
78-59-1	Isophorone	ND	200	28.	U
91-20-3	Naphthalene	ND	220	26.	U
98-95-3	Nitrobenzene	ND	200	32.	U
86-30-6	NDPA/DPA	ND	170	25.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	220	34.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	220	75.	U
85-68-7	Butyl benzyl phthalate	ND	220	55.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-09	Date Collected	: 12/18/25 11:00
Client ID	: AREA04-SW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 15:49
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-09	Analyst	: CMM
Sample Amount	: 30.84 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 74
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	220	41.	U
117-84-0	Di-n-octylphthalate	ND	220	74.	U
84-66-2	Diethyl phthalate	ND	220	20.	U
131-11-3	Dimethyl phthalate	ND	220	46.	U
56-55-3	Benzo(a)anthracene	ND	130	24.	U
50-32-8	Benzo(a)pyrene	ND	170	53.	U
205-99-2	Benzo(b)fluoranthene	ND	130	37.	U
207-08-9	Benzo(k)fluoranthene	ND	130	35.	U
218-01-9	Chrysene	ND	130	23.	U
208-96-8	Acenaphthylene	ND	170	34.	U
120-12-7	Anthracene	ND	130	42.	U
191-24-2	Benzo(ghi)perylene	ND	170	26.	U
86-73-7	Fluorene	ND	220	21.	U
85-01-8	Phenanthrene	ND	130	26.	U
53-70-3	Dibenzo(a,h)anthracene	ND	130	25.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	30.	U
129-00-0	Pyrene	ND	130	22.	U
92-52-4	Biphenyl	ND	500	28.	U
106-47-8	4-Chloroaniline	ND	220	40.	U
88-74-4	2-Nitroaniline	ND	220	42.	U
99-09-2	3-Nitroaniline	ND	220	41.	U
100-01-6	4-Nitroaniline	ND	220	90.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-09	Date Collected	: 12/18/25 11:00
Client ID	: AREA04-SW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 15:49
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-09	Analyst	: CMM
Sample Amount	: 30.84 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 74
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	220	21.	U
91-57-6	2-Methylnaphthalene	ND	260	26.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	23.	U
98-86-2	Acetophenone	ND	220	27.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	41.	U
59-50-7	p-Chloro-m-cresol	ND	220	32.	U
95-57-8	2-Chlorophenol	ND	220	26.	U
120-83-2	2,4-Dichlorophenol	ND	200	35.	U
105-67-9	2,4-Dimethylphenol	ND	220	72.	U
88-75-5	2-Nitrophenol	ND	470	82.	U
100-02-7	4-Nitrophenol	ND	300	89.	U
51-28-5	2,4-Dinitrophenol	ND	1000	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	570	100	U
87-86-5	Pentachlorophenol	ND	170	48.	U
108-95-2	Phenol	ND	220	33.	U
95-48-7	2-Methylphenol	ND	220	34.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	310	34.	U
95-95-4	2,4,5-Trichlorophenol	ND	220	42.	U
86-74-8	Carbazole	ND	220	21.	U
1912-24-9	Atrazine	ND	170	76.	U
100-52-7	Benzaldehyde	ND	290	59.	U
105-60-2	Caprolactam	ND	220	66.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-09	**Date Collected**	: 12/18/25 11:00
Client ID	: AREA04-SW-12182025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 01/03/26 15:49
Sample Matrix	: SOIL	**Date Extracted**	: 12/30/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-09	**Analyst**	: CMM
Sample Amount	: 30.84 g	**Instrument ID**	: SV103
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 74
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	44.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-09	**Date Collected**	: 12/18/25 11:00
Client ID	: AREA04-SW-12182025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 01/03/26 15:49
Sample Matrix	: SOIL	**Date Extracted**	: 12/30/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-09	**Analyst**	: CMM
Sample Amount	: 30.84 g	**Instrument ID**	: SV103
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 74
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000108-90-7	Benzene, chloro-	1.56	524	NJ
	Total TIC Compounds		524J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-10	Date Collected	: 12/18/25 11:25
Client ID	: AREA04-WW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 16:10
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-10	Analyst	: CMM
Sample Amount	: 30.79 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	160	21.	U
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	27.	U
91-58-7	2-Chloronaphthalene	ND	200	20.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	53.	U
121-14-2	2,4-Dinitrotoluene	ND	200	40.	U
606-20-2	2,6-Dinitrotoluene	ND	200	34.	U
206-44-0	Fluoranthene	ND	120	23.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	21.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	30.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	34.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	220	20.	U
87-68-3	Hexachlorobutadiene	ND	200	29.	U
77-47-4	Hexachlorocyclopentadiene	ND	570	180	U
67-72-1	Hexachloroethane	ND	160	32.	U
78-59-1	Isophorone	ND	180	26.	U
91-20-3	Naphthalene	ND	200	24.	U
98-95-3	Nitrobenzene	ND	180	30.	U
86-30-6	NDPA/DPA	ND	160	23.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	31.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	69.	U
85-68-7	Butyl benzyl phthalate	ND	200	50.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-10	Date Collected	: 12/18/25 11:25
Client ID	: AREA04-WW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 16:10
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-10	Analyst	: CMM
Sample Amount	: 30.79 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	200	38.	U
117-84-0	Di-n-octylphthalate	ND	200	68.	U
84-66-2	Diethyl phthalate	ND	200	18.	U
131-11-3	Dimethyl phthalate	ND	200	42.	U
56-55-3	Benzo(a)anthracene	ND	120	22.	U
50-32-8	Benzo(a)pyrene	ND	160	49.	U
205-99-2	Benzo(b)fluoranthene	ND	120	34.	U
207-08-9	Benzo(k)fluoranthene	ND	120	32.	U
218-01-9	Chrysene	ND	120	21.	U
208-96-8	Acenaphthylene	ND	160	31.	U
120-12-7	Anthracene	ND	120	39.	U
191-24-2	Benzo(ghi)perylene	ND	160	23.	U
86-73-7	Fluorene	ND	200	19.	U
85-01-8	Phenanthrene	ND	120	24.	U
53-70-3	Dibenzo(a,h)anthracene	ND	120	23.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	160	28.	U
129-00-0	Pyrene	ND	120	20.	U
92-52-4	Biphenyl	ND	460	26.	U
106-47-8	4-Chloroaniline	ND	200	36.	U
88-74-4	2-Nitroaniline	ND	200	38.	U
99-09-2	3-Nitroaniline	ND	200	38.	U
100-01-6	4-Nitroaniline	ND	200	83.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-10	Date Collected	: 12/18/25 11:25
Client ID	: AREA04-WW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 16:10
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-10	Analyst	: CMM
Sample Amount	: 30.79 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	200	19.	U
91-57-6	2-Methylnaphthalene	ND	240	24.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	21.	U
98-86-2	Acetophenone	ND	200	25.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	38.	U
59-50-7	p-Chloro-m-cresol	ND	200	30.	U
95-57-8	2-Chlorophenol	ND	200	24.	U
120-83-2	2,4-Dichlorophenol	ND	180	32.	U
105-67-9	2,4-Dimethylphenol	ND	200	66.	U
88-75-5	2-Nitrophenol	ND	430	75.	U
100-02-7	4-Nitrophenol	ND	280	81.	U
51-28-5	2,4-Dinitrophenol	ND	960	93.	U
534-52-1	4,6-Dinitro-o-cresol	ND	520	96.	U
87-86-5	Pentachlorophenol	ND	160	44.	U
108-95-2	Phenol	ND	200	30.	U
95-48-7	2-Methylphenol	ND	200	31.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	290	31.	U
95-95-4	2,4,5-Trichlorophenol	ND	200	38.	U
86-74-8	Carbazole	ND	200	19.	U
1912-24-9	Atrazine	ND	160	70.	U
100-52-7	Benzaldehyde	ND	260	54.	U
105-60-2	Caprolactam	ND	200	61.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-10	Date Collected	: 12/18/25 11:25
Client ID	: AREA04-WW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 16:10
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-10	Analyst	: CMM
Sample Amount	: 30.79 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	40.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-10	**Date Collected**	: 12/18/25 11:25
Client ID	: AREA04-WW-12182025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 01/03/26 16:10
Sample Matrix	: SOIL	**Date Extracted**	: 12/30/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-10	**Analyst**	: CMM
Sample Amount	: 30.79 g	**Instrument ID**	: SV103
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 81
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	8.91	660	J
	Total TIC Compounds		660J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-11	Date Collected	: 12/18/25 13:00
Client ID	: NW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 16:31
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-11	Analyst	: CMM
Sample Amount	: 30.26 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 79
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	23	170	22.	J
118-74-1	Hexachlorobenzene	120	120	23.	
111-44-4	Bis(2-chloroethyl)ether	ND	190	28.	U
91-58-7	2-Chloronaphthalene	ND	210	21.	U
91-94-1	3,3'-Dichlorobenzidine	ND	210	55.	U
121-14-2	2,4-Dinitrotoluene	ND	210	42.	U
606-20-2	2,6-Dinitrotoluene	ND	210	36.	U
206-44-0	Fluoranthene	150	120	24.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	22.	U
101-55-3	4-Bromophenyl phenyl ether	ND	210	32.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	250	36.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	220	21.	U
87-68-3	Hexachlorobutadiene	ND	210	30.	U
77-47-4	Hexachlorocyclopentadiene	ND	600	190	U
67-72-1	Hexachloroethane	ND	170	34.	U
78-59-1	Isophorone	ND	190	27.	U
91-20-3	Naphthalene	140	210	25.	J
98-95-3	Nitrobenzene	ND	190	31.	U
86-30-6	NDPA/DPA	ND	170	24.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	210	32.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	210	72.	U
85-68-7	Butyl benzyl phthalate	ND	210	52.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-11	Date Collected	: 12/18/25 13:00
Client ID	: NW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 16:31
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-11	Analyst	: CMM
Sample Amount	: 30.26 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 79
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	210	40.	U
117-84-0	Di-n-octylphthalate	ND	210	71.	U
84-66-2	Diethyl phthalate	ND	210	19.	U
131-11-3	Dimethyl phthalate	ND	210	44.	U
56-55-3	Benzo(a)anthracene	62	120	23.	J
50-32-8	Benzo(a)pyrene	ND	170	51.	U
205-99-2	Benzo(b)fluoranthene	64	120	35.	J
207-08-9	Benzo(k)fluoranthene	ND	120	33.	U
218-01-9	Chrysene	50	120	22.	J
208-96-8	Acenaphthylene	ND	170	32.	U
120-12-7	Anthracene	ND	120	41.	U
191-24-2	Benzo(ghi)perylene	25	170	24.	J
86-73-7	Fluorene	41	210	20.	J
85-01-8	Phenanthrene	180	120	25.	
53-70-3	Dibenzo(a,h)anthracene	ND	120	24.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	29.	U
129-00-0	Pyrene	120	120	21.	
92-52-4	Biphenyl	ND	480	27.	U
106-47-8	4-Chloroaniline	ND	210	38.	U
88-74-4	2-Nitroaniline	ND	210	40.	U
99-09-2	3-Nitroaniline	ND	210	39.	U
100-01-6	4-Nitroaniline	ND	210	86.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-11	Date Collected	: 12/18/25 13:00
Client ID	: NW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 16:31
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-11	Analyst	: CMM
Sample Amount	: 30.26 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 79
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	27	210	20.	J
91-57-6	2-Methylnaphthalene	ND	250	25.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	60	210	22.	J
98-86-2	Acetophenone	ND	210	26.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	40.	U
59-50-7	p-Chloro-m-cresol	ND	210	31.	U
95-57-8	2-Chlorophenol	420	210	25.	
120-83-2	2,4-Dichlorophenol	ND	190	34.	U
105-67-9	2,4-Dimethylphenol	ND	210	69.	U
88-75-5	2-Nitrophenol	ND	450	78.	U
100-02-7	4-Nitrophenol	ND	290	85.	U
51-28-5	2,4-Dinitrophenol	ND	1000	97.	U
534-52-1	4,6-Dinitro-o-cresol	ND	540	100	U
87-86-5	Pentachlorophenol	ND	170	46.	U
108-95-2	Phenol	ND	210	32.	U
95-48-7	2-Methylphenol	ND	210	32.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	300	33.	U
95-95-4	2,4,5-Trichlorophenol	ND	210	40.	U
86-74-8	Carbazole	ND	210	20.	U
1912-24-9	Atrazine	ND	170	73.	U
100-52-7	Benzaldehyde	ND	280	56.	U
105-60-2	Caprolactam	ND	210	63.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-11	**Date Collected**	: 12/18/25 13:00
Client ID	: NW-PIPE-12182025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 01/03/26 16:31
Sample Matrix	: SOIL	**Date Extracted**	: 12/30/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-11	**Analyst**	: CMM
Sample Amount	: 30.26 g	**Instrument ID**	: SV103
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 79
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	42.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-11	**Date Collected**	: 12/18/25 13:00
Client ID	: NW-PIPE-12182025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 01/03/26 16:31
Sample Matrix	: SOIL	**Date Extracted**	: 12/30/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-11	**Analyst**	: CMM
Sample Amount	: 30.26 g	**Instrument ID**	: SV103
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 79
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 5 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000108-90-7	Benzene, chloro-	1.56	4060	NJ
	Unknown Alkane	4.17	218	J
	Unknown Phenol	4.86	510	J
	Unknown Benzene	4.89	281	J
	Total TIC Compounds		5070J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-12	Date Collected	: 12/18/25 13:10
Client ID	: WW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 16:52
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-12	Analyst	: CMM
Sample Amount	: 30.49 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 76
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	170	22.	U
118-74-1	Hexachlorobenzene	34	130	24.	J
111-44-4	Bis(2-chloroethyl)ether	ND	190	29.	U
91-58-7	2-Chloronaphthalene	ND	220	21.	U
91-94-1	3,3'-Dichlorobenzidine	ND	220	57.	U
121-14-2	2,4-Dinitrotoluene	ND	220	43.	U
606-20-2	2,6-Dinitrotoluene	ND	220	37.	U
206-44-0	Fluoranthene	36	130	25.	J
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	23.	U
101-55-3	4-Bromophenyl phenyl ether	ND	220	33.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	260	37.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	230	22.	U
87-68-3	Hexachlorobutadiene	ND	220	32.	U
77-47-4	Hexachlorocyclopentadiene	ND	620	200	U
67-72-1	Hexachloroethane	ND	170	35.	U
78-59-1	Isophorone	ND	190	28.	U
91-20-3	Naphthalene	57	220	26.	J
98-95-3	Nitrobenzene	ND	190	32.	U
86-30-6	NDPA/DPA	ND	170	24.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	220	33.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	220	74.	U
85-68-7	Butyl benzyl phthalate	ND	220	54.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-12	Date Collected	: 12/18/25 13:10
Client ID	: WW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 16:52
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-12	Analyst	: CMM
Sample Amount	: 30.49 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 76
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	220	41.	U
117-84-0	Di-n-octylphthalate	ND	220	73.	U
84-66-2	Diethyl phthalate	ND	220	20.	U
131-11-3	Dimethyl phthalate	ND	220	45.	U
56-55-3	Benzo(a)anthracene	ND	130	24.	U
50-32-8	Benzo(a)pyrene	ND	170	52.	U
205-99-2	Benzo(b)fluoranthene	ND	130	36.	U
207-08-9	Benzo(k)fluoranthene	ND	130	34.	U
218-01-9	Chrysene	ND	130	22.	U
208-96-8	Acenaphthylene	ND	170	33.	U
120-12-7	Anthracene	ND	130	42.	U
191-24-2	Benzo(ghi)perylene	ND	170	25.	U
86-73-7	Fluorene	ND	220	21.	U
85-01-8	Phenanthrene	32	130	26.	J
53-70-3	Dibenzo(a,h)anthracene	ND	130	25.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	30.	U
129-00-0	Pyrene	29	130	21.	J
92-52-4	Biphenyl	ND	490	28.	U
106-47-8	4-Chloroaniline	ND	220	39.	U
88-74-4	2-Nitroaniline	ND	220	42.	U
99-09-2	3-Nitroaniline	ND	220	41.	U
100-01-6	4-Nitroaniline	ND	220	89.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-12	Date Collected	: 12/18/25 13:10
Client ID	: WW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 16:52
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-12	Analyst	: CMM
Sample Amount	: 30.49 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 76
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	220	20.	U
91-57-6	2-Methylnaphthalene	ND	260	26.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	22.	U
98-86-2	Acetophenone	ND	220	27.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	41.	U
59-50-7	p-Chloro-m-cresol	ND	220	32.	U
95-57-8	2-Chlorophenol	140	220	25.	J
120-83-2	2,4-Dichlorophenol	ND	190	35.	U
105-67-9	2,4-Dimethylphenol	ND	220	71.	U
88-75-5	2-Nitrophenol	ND	460	81.	U
100-02-7	4-Nitrophenol	ND	300	88.	U
51-28-5	2,4-Dinitrophenol	ND	1000	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	560	100	U
87-86-5	Pentachlorophenol	ND	170	47.	U
108-95-2	Phenol	ND	220	32.	U
95-48-7	2-Methylphenol	ND	220	33.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	310	34.	U
95-95-4	2,4,5-Trichlorophenol	ND	220	41.	U
86-74-8	Carbazole	ND	220	21.	U
1912-24-9	Atrazine	ND	170	75.	U
100-52-7	Benzaldehyde	ND	280	58.	U
105-60-2	Caprolactam	ND	220	66.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-12	Date Collected	: 12/18/25 13:10
Client ID	: WW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 16:52
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-12	Analyst	: CMM
Sample Amount	: 30.49 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 76
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	44.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-12	**Date Collected**	: 12/18/25 13:10
Client ID	: WW-PIPE-12182025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 01/03/26 16:52
Sample Matrix	: SOIL	**Date Extracted**	: 12/30/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-12	**Analyst**	: CMM
Sample Amount	: 30.49 g	**Instrument ID**	: SV103
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 76
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000108-90-7	Benzene, chloro-	1.57	4310	NJ
	Total TIC Compounds		4310J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2158852-1	Date Collected	: NA
Client ID	: WG2158852-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/27/25 10:14
Sample Matrix	: SOIL	Date Extracted	: 12/26/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 158852-1	Analyst	: SMZ
Sample Amount	: 30.13 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	130	17.	U
118-74-1	Hexachlorobenzene	ND	100	18.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	22.	U
91-58-7	2-Chloronaphthalene	ND	160	16.	U
91-94-1	3,3'-Dichlorobenzidine	ND	160	44.	U
121-14-2	2,4-Dinitrotoluene	ND	160	33.	U
606-20-2	2,6-Dinitrotoluene	ND	160	28.	U
206-44-0	Fluoranthene	ND	100	19.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	160	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	160	25.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	28.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	17.	U
87-68-3	Hexachlorobutadiene	ND	160	24.	U
77-47-4	Hexachlorocyclopentadiene	ND	470	150	U
67-72-1	Hexachloroethane	ND	130	27.	U
78-59-1	Isophorone	ND	150	22.	U
91-20-3	Naphthalene	ND	160	20.	U
98-95-3	Nitrobenzene	ND	150	24.	U
86-30-6	NDPA/DPA	ND	130	19.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	160	26.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	160	57.	U
85-68-7	Butyl benzyl phthalate	ND	160	42.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2158852-1	Date Collected	: NA
Client ID	: WG2158852-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/27/25 10:14
Sample Matrix	: SOIL	Date Extracted	: 12/26/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 158852-1	Analyst	: SMZ
Sample Amount	: 30.13 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	160	31.	U
117-84-0	Di-n-octylphthalate	ND	160	56.	U
84-66-2	Diethyl phthalate	ND	160	15.	U
131-11-3	Dimethyl phthalate	ND	160	35.	U
56-55-3	Benzo(a)anthracene	ND	100	19.	U
50-32-8	Benzo(a)pyrene	ND	130	40.	U
205-99-2	Benzo(b)fluoranthene	ND	100	28.	U
207-08-9	Benzo(k)fluoranthene	ND	100	26.	U
218-01-9	Chrysene	ND	100	17.	U
208-96-8	Acenaphthylene	ND	130	26.	U
120-12-7	Anthracene	ND	100	32.	U
191-24-2	Benzo(ghi)perylene	ND	130	20.	U
86-73-7	Fluorene	ND	160	16.	U
85-01-8	Phenanthrene	ND	100	20.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	19.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	130	23.	U
129-00-0	Pyrene	ND	100	16.	U
92-52-4	Biphenyl	ND	380	22.	U
106-47-8	4-Chloroaniline	ND	160	30.	U
88-74-4	2-Nitroaniline	ND	160	32.	U
99-09-2	3-Nitroaniline	ND	160	31.	U
100-01-6	4-Nitroaniline	ND	160	69.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2158852-1	Date Collected	: NA
Client ID	: WG2158852-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/27/25 10:14
Sample Matrix	: SOIL	Date Extracted	: 12/26/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 158852-1	Analyst	: SMZ
Sample Amount	: 30.13 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	160	16.	U
91-57-6	2-Methylnaphthalene	ND	200	20.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	160	17.	U
98-86-2	Acetophenone	ND	160	20.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	31.	U
59-50-7	p-Chloro-m-cresol	ND	160	25.	U
95-57-8	2-Chlorophenol	ND	160	20.	U
120-83-2	2,4-Dichlorophenol	ND	150	27.	U
105-67-9	2,4-Dimethylphenol	ND	160	55.	U
88-75-5	2-Nitrophenol	ND	360	62.	U
100-02-7	4-Nitrophenol	ND	230	68.	U
51-28-5	2,4-Dinitrophenol	ND	800	77.	U
534-52-1	4,6-Dinitro-o-cresol	ND	430	80.	U
87-86-5	Pentachlorophenol	ND	130	36.	U
108-95-2	Phenol	ND	160	25.	U
95-48-7	2-Methylphenol	ND	160	26.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	26.	U
95-95-4	2,4,5-Trichlorophenol	ND	160	32.	U
86-74-8	Carbazole	ND	160	16.	U
1912-24-9	Atrazine	ND	130	58.	U
100-52-7	Benzaldehyde	ND	220	45.	U
105-60-2	Caprolactam	ND	160	50.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2158852-1	Date Collected	: NA
Client ID	: WG2158852-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/27/25 10:14
Sample Matrix	: SOIL	Date Extracted	: 12/26/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 158852-1	Analyst	: SMZ
Sample Amount	: 30.13 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	160	34.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2158852-1	Date Collected	: NA
Client ID	: WG2158852-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/27/25 10:14
Sample Matrix	: SOIL	Date Extracted	: 12/26/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 158852-1	Analyst	: SMZ
Sample Amount	: 30.13 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159340-1	Date Collected	: NA
Client ID	: WG2159340-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/29/25 11:34
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 159340-1	Analyst	: CMM
Sample Amount	: 30.16 g	Instrument ID	: GCMS5
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	130	17.	U
118-74-1	Hexachlorobenzene	ND	99	18.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	22.	U
91-58-7	2-Chloronaphthalene	ND	160	16.	U
91-94-1	3,3'-Dichlorobenzidine	ND	160	44.	U
121-14-2	2,4-Dinitrotoluene	ND	160	33.	U
606-20-2	2,6-Dinitrotoluene	ND	160	28.	U
206-44-0	Fluoranthene	ND	99	19.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	160	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	160	25.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	28.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	17.	U
87-68-3	Hexachlorobutadiene	ND	160	24.	U
77-47-4	Hexachlorocyclopentadiene	ND	470	150	U
67-72-1	Hexachloroethane	ND	130	27.	U
78-59-1	Isophorone	ND	150	22.	U
91-20-3	Naphthalene	ND	160	20.	U
98-95-3	Nitrobenzene	ND	150	24.	U
86-30-6	NDPA/DPA	ND	130	19.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	160	26.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	160	57.	U
85-68-7	Butyl benzyl phthalate	ND	160	42.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159340-1	Date Collected	: NA
Client ID	: WG2159340-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/29/25 11:34
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 159340-1	Analyst	: CMM
Sample Amount	: 30.16 g	Instrument ID	: GCMS5
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	160	31.	U
117-84-0	Di-n-octylphthalate	ND	160	56.	U
84-66-2	Diethyl phthalate	ND	160	15.	U
131-11-3	Dimethyl phthalate	ND	160	35.	U
56-55-3	Benzo(a)anthracene	ND	99	19.	U
50-32-8	Benzo(a)pyrene	ND	130	40.	U
205-99-2	Benzo(b)fluoranthene	ND	99	28.	U
207-08-9	Benzo(k)fluoranthene	ND	99	26.	U
218-01-9	Chrysene	ND	99	17.	U
208-96-8	Acenaphthylene	ND	130	26.	U
120-12-7	Anthracene	ND	99	32.	U
191-24-2	Benzo(ghi)perylene	ND	130	19.	U
86-73-7	Fluorene	ND	160	16.	U
85-01-8	Phenanthrene	ND	99	20.	U
53-70-3	Dibenzo(a,h)anthracene	ND	99	19.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	130	23.	U
129-00-0	Pyrene	ND	99	16.	U
92-52-4	Biphenyl	ND	380	22.	U
106-47-8	4-Chloroaniline	ND	160	30.	U
88-74-4	2-Nitroaniline	ND	160	32.	U
99-09-2	3-Nitroaniline	ND	160	31.	U
100-01-6	4-Nitroaniline	ND	160	69.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159340-1	Date Collected	: NA
Client ID	: WG2159340-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/29/25 11:34
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 159340-1	Analyst	: CMM
Sample Amount	: 30.16 g	Instrument ID	: GCMS5
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	160	16.	U
91-57-6	2-Methylnaphthalene	ND	200	20.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	160	17.	U
98-86-2	Acetophenone	ND	160	20.	U
88-06-2	2,4,6-Trichlorophenol	ND	99	31.	U
59-50-7	p-Chloro-m-cresol	ND	160	25.	U
95-57-8	2-Chlorophenol	ND	160	20.	U
120-83-2	2,4-Dichlorophenol	ND	150	27.	U
105-67-9	2,4-Dimethylphenol	ND	160	55.	U
88-75-5	2-Nitrophenol	ND	360	62.	U
100-02-7	4-Nitrophenol	ND	230	68.	U
51-28-5	2,4-Dinitrophenol	ND	800	77.	U
534-52-1	4,6-Dinitro-o-cresol	ND	430	80.	U
87-86-5	Pentachlorophenol	ND	130	36.	U
108-95-2	Phenol	ND	160	25.	U
95-48-7	2-Methylphenol	ND	160	26.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	26.	U
95-95-4	2,4,5-Trichlorophenol	ND	160	32.	U
86-74-8	Carbazole	ND	160	16.	U
1912-24-9	Atrazine	ND	130	58.	U
100-52-7	Benzaldehyde	ND	220	45.	U
105-60-2	Caprolactam	ND	160	50.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159340-1	Date Collected	: NA
Client ID	: WG2159340-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/29/25 11:34
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 159340-1	Analyst	: CMM
Sample Amount	: 30.16 g	Instrument ID	: GCMS5
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	160	33.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159340-1	Date Collected	: NA
Client ID	: WG2159340-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/29/25 11:34
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 159340-1	Analyst	: CMM
Sample Amount	: 30.16 g	Instrument ID	: GCMS5
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2160343-1	Date Collected	: NA
Client ID	: WG2160343-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/03/26 08:48
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 160343-1	Analyst	: CMM
Sample Amount	: 30.57 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	130	17.	U
118-74-1	Hexachlorobenzene	ND	98	18.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	22.	U
91-58-7	2-Chloronaphthalene	ND	160	16.	U
91-94-1	3,3'-Dichlorobenzidine	ND	160	44.	U
121-14-2	2,4-Dinitrotoluene	ND	160	33.	U
606-20-2	2,6-Dinitrotoluene	ND	160	28.	U
206-44-0	Fluoranthene	ND	98	19.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	160	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	160	25.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	28.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	16.	U
87-68-3	Hexachlorobutadiene	ND	160	24.	U
77-47-4	Hexachlorocyclopentadiene	ND	470	150	U
67-72-1	Hexachloroethane	ND	130	26.	U
78-59-1	Isophorone	ND	150	21.	U
91-20-3	Naphthalene	ND	160	20.	U
98-95-3	Nitrobenzene	ND	150	24.	U
86-30-6	NDPA/DPA	ND	130	19.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	160	25.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	160	56.	U
85-68-7	Butyl benzyl phthalate	ND	160	41.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2160343-1	Date Collected	: NA
Client ID	: WG2160343-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/03/26 08:48
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 160343-1	Analyst	: CMM
Sample Amount	: 30.57 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	160	31.	U
117-84-0	Di-n-octylphthalate	ND	160	56.	U
84-66-2	Diethyl phthalate	ND	160	15.	U
131-11-3	Dimethyl phthalate	ND	160	34.	U
56-55-3	Benzo(a)anthracene	ND	98	18.	U
50-32-8	Benzo(a)pyrene	ND	130	40.	U
205-99-2	Benzo(b)fluoranthene	ND	98	28.	U
207-08-9	Benzo(k)fluoranthene	ND	98	26.	U
218-01-9	Chrysene	ND	98	17.	U
208-96-8	Acenaphthylene	ND	130	25.	U
120-12-7	Anthracene	ND	98	32.	U
191-24-2	Benzo(ghi)perylene	ND	130	19.	U
86-73-7	Fluorene	ND	160	16.	U
85-01-8	Phenanthrene	ND	98	20.	U
53-70-3	Dibenzo(a,h)anthracene	ND	98	19.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	130	23.	U
129-00-0	Pyrene	ND	98	16.	U
92-52-4	Biphenyl	ND	370	21.	U
106-47-8	4-Chloroaniline	ND	160	30.	U
88-74-4	2-Nitroaniline	ND	160	32.	U
99-09-2	3-Nitroaniline	ND	160	31.	U
100-01-6	4-Nitroaniline	ND	160	68.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2160343-1	Date Collected	: NA
Client ID	: WG2160343-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/03/26 08:48
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
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Lab File ID	: 160343-1	Analyst	: CMM
Sample Amount	: 30.57 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	160	15.	U
91-57-6	2-Methylnaphthalene	ND	200	20.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	160	17.	U
98-86-2	Acetophenone	ND	160	20.	U
88-06-2	2,4,6-Trichlorophenol	ND	98	31.	U
59-50-7	p-Chloro-m-cresol	ND	160	24.	U
95-57-8	2-Chlorophenol	ND	160	19.	U
120-83-2	2,4-Dichlorophenol	ND	150	26.	U
105-67-9	2,4-Dimethylphenol	ND	160	54.	U
88-75-5	2-Nitrophenol	ND	350	61.	U
100-02-7	4-Nitrophenol	ND	230	67.	U
51-28-5	2,4-Dinitrophenol	ND	780	76.	U
534-52-1	4,6-Dinitro-o-cresol	ND	420	78.	U
87-86-5	Pentachlorophenol	ND	130	36.	U
108-95-2	Phenol	ND	160	25.	U
95-48-7	2-Methylphenol	ND	160	25.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	26.	U
95-95-4	2,4,5-Trichlorophenol	ND	160	31.	U
86-74-8	Carbazole	ND	160	16.	U
1912-24-9	Atrazine	ND	130	57.	U
100-52-7	Benzaldehyde	ND	220	44.	U
105-60-2	Caprolactam	ND	160	50.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2160343-1	Date Collected	: NA
Client ID	: WG2160343-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/03/26 08:48
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 160343-1	Analyst	: CMM
Sample Amount	: 30.57 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	160	33.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: WG2160343-1	**Date Collected**	: NA
Client ID	: WG2160343-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 01/03/26 08:48
Sample Matrix	: SOIL	**Date Extracted**	: 12/30/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 160343-1	**Analyst**	: CMM
Sample Amount	: 30.57 g	**Instrument ID**	: SV103
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: NA
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\251229\
Data File : 80856-03.D
Acq On : 29 Dec 2025 03:19 pm
Operator : SV134:jg
Sample : L2580856-03,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 31 12:43:10 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 31 12:11:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\251229\ABN1229.D
: 2 - I:\8270\SV134\251229\ADP1229a.D
: 3 - I:\8270\SV134\251229\AP91229.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	4.099	152	139823	40.000	ug/ml		0.00
Standard Area 1 = 113676			Recovery = 123.00%				
27) IS2_1,4-Dichlorobenzen...	4.099	152	139823	40.000	ug/ml		0.00
Standard Area 3 = 126539			Recovery = 110.50%				
32) IS3_1,4-Dichlorobenzen...	4.099	152	139823	40.000	ug/ml		0.00
Standard Area 2 = 107073			Recovery = 130.59%				
35) IS1_Naphthalene-d8	5.193	136	526106	40.000	ug/ml		0.00
Standard Area 1 = 460433			Recovery = 114.26%				
55) IS2_Naphthalene-d8	5.193	136	526106	40.000	ug/ml		0.00
Standard Area 3 = 525053			Recovery = 100.20%				
63) IS1_Acenaphthene-d10	6.726	164	301070	40.000	ug/ml		0.00
Standard Area 1 = 312198			Recovery = 96.44%				
83) IS2_Acenaphthene-d10	6.726	164	301070	40.000	ug/ml		0.00
Standard Area 3 = 358798			Recovery = 83.91%				
86) IS3_Acenaphthene-d10	6.726	164	301070	40.000	ug/ml		0.00
Standard Area 2 = 287855			Recovery = 104.59%				
88) IS1_Phenanthrene-d10	8.025	188	543285	40.000	ug/ml	#	0.00
Standard Area 1 = 626848			Recovery = 86.67%				
100) IS3_Phenanthrene-d10	8.025	188	543285	40.000	ug/ml		0.00
Standard Area 2 = 607036			Recovery = 89.50%				
104) IS1_Chrysene-d12	10.760	240	485920	40.000	ug/ml	#	0.00
Standard Area 1 = 607398			Recovery = 80.00%				
113) IS1_Perylene-d12	12.911	264	543775	40.000	ug/ml		0.00
Standard Area 1 = 672116			Recovery = 80.90%				
System Monitoring Compounds							
4) 2-Fluorophenol	3.021	112	173738	44.638	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 89.28%				
7) Phenol-d6	3.804	99	233180	48.192	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 96.38%				
19) Nitrobenzene-d5	4.569	82	72862	18.574	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 74.30%				
46) 2-Fluorobiphenyl	6.147	172	236931	21.255	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.02%				
79) 2,4,6-Tribromophenol	7.416	330	47744	33.876	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 67.75%				

Data Path : I:\8270\SV134\251229\
Data File : 80856-03.D
Acq On : 29 Dec 2025 03:19 pm
Operator : SV134:jg
Sample : L2580856-03,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 31 12:43:10 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 31 12:11:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\251229\ABN1229.D
: 2 - I:\8270\SV134\251229\ADP1229a.D
: 3 - I:\8270\SV134\251229\AP91229.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	9.510	244	209237	15.358	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 61.43%

Target Compounds						Qvalue
6) 2-Chlorophenol	3.922	128	1804	0.397	ug/ml	92
8) Phenol	0.000		0	N.D.		
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		
15) 2-Methylphenol	0.000		0	N.D.		
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.		
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
22) 2-Nitrophenol	0.000		0	N.D.		
23) 2,4-Dimethylphenol	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
25) 2,4-Dichlorophenol	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
36) Naphthalene	0.000		0	N.D.	d	
38) 4-Chloroaniline	0.000		0	N.D.	d	
39) Hexachlorobutadiene	0.000		0	N.D.		
40) p-Chloro-m-cresol	0.000		0	N.D.		
41) 2-Methylnaphthalene	0.000		0	N.D.		
43) Hexachlorocyclopentadiene	0.000		0	N.D.		
44) 2,4,6-Trichlorophenol	0.000		0	N.D.		
45) 2,4,5-Trichlorophenol	0.000		0	N.D.		
47) 2-Chloronaphthalene	0.000		0	N.D.		
48) 2-Nitroaniline	0.000		0	N.D.		
51) Dimethyl phthalate	0.000		0	N.D.		
52) Acenaphthylene	0.000		0	N.D.	d	
53) 2,6-Dinitrotoluene	0.000		0	N.D.		
60) Caprolactam	0.000		0	N.D.		
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
62) Biphenyl	0.000		0	N.D.		
64) 3-Nitroaniline	0.000		0	N.D.		

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\251229\
Data File : 80856-03.D
Acq On : 29 Dec 2025 03:19 pm
Operator : SV134:jg
Sample : L2580856-03,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 31 12:43:10 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 31 12:11:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\251229\ABN1229.D
: 2 - I:\8270\SV134\251229\ADP1229a.D
: 3 - I:\8270\SV134\251229\AP91229.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Acenaphthene	0.000		0	N.D.	d	
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	0.000		0	N.D.	d	
68) 2,4-Dinitrotoluene	0.000		0	N.D.		
69) 4-Nitrophenol	0.000		0	N.D.		
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		
73) Fluorene	0.000		0	N.D.	d	
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75) 4-Nitroaniline	0.000		0	N.D.		
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.		
77) NDPA/DPA	0.000		0	N.D.	d	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
81) Hexachlorobenzene	0.000		0	N.D.		
82) Pentachlorophenol	0.000		0	N.D.		
87) Atrazine	0.000		0	N.D.		
89) Phenanthrene	0.000		0	N.D.	d	
90) Anthracene	0.000		0	N.D.	d	
91) Carbazole	0.000		0	N.D.	d	
92) Di-n-butylphthalate	0.000		0	N.D.	d	
93) Fluoranthene	0.000		0	N.D.	d	
95) Pyrene	0.000		0	N.D.	d	
97) Butyl benzyl phthalate	0.000		0	N.D.		
105) Benzo(a)anthracene	0.000		0	N.D.	d	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
107) Chrysene	0.000		0	N.D.	d	
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
109) Di-n-octylphthalate	0.000		0	N.D.	d	
110) Benzo(b)fluoranthene	0.000		0	N.D.	d	
111) Benzo(k)fluoranthene	0.000		0	N.D.	d	
112) Benzo(a)pyrene	0.000		0	N.D.	d	
114) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	d	
115) Dibenzo(a,h)anthracene	0.000		0	N.D.	d	
116) Benzo(ghi)perylene	0.000		0	N.D.	d	

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\251229\
Data File : 80856-03.D
Acq On : 29 Dec 2025 03:19 pm
Operator : SV134:jg
Sample : L2580856-03,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 31 12:43:10 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 31 12:11:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\251229\ABN1229.D
: 2 - I:\8270\SV134\251229\ADP1229a.D
: 3 - I:\8270\SV134\251229\AP91229.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

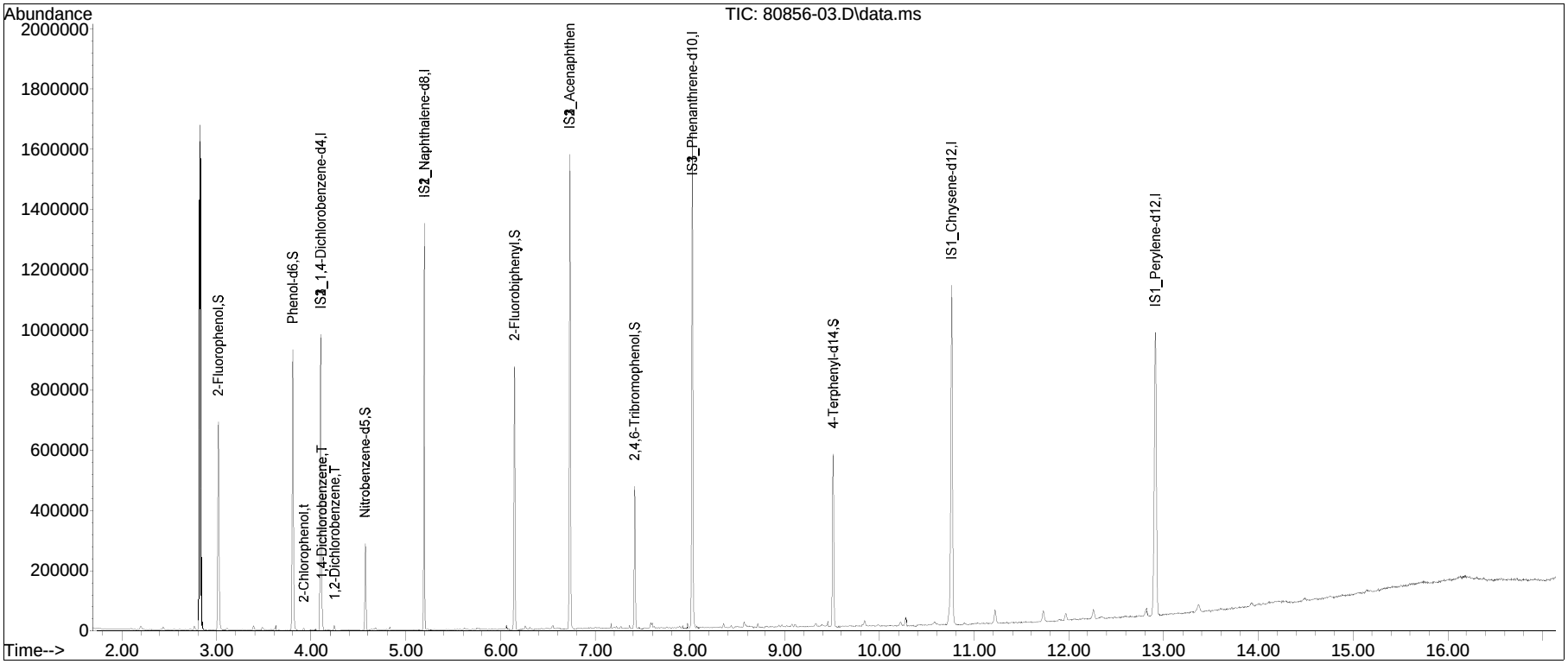
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

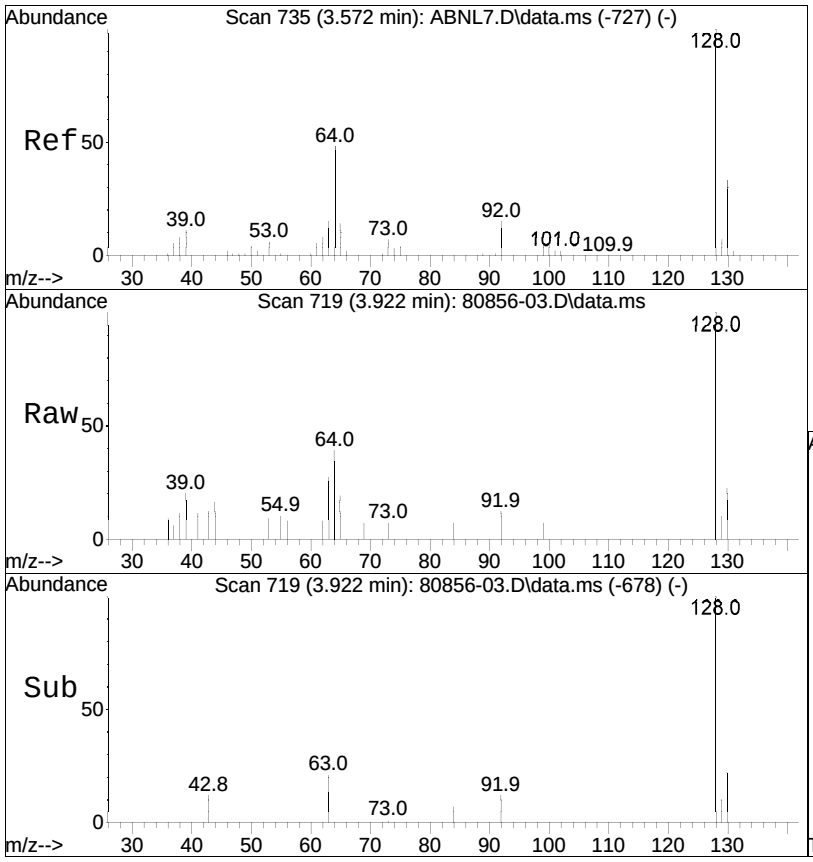
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\251229\
Data File : 80856-03.D
Acq On : 29 Dec 2025 03:19 pm
Operator : SV134:jg
Sample : L2580856-03,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 31 12:43:10 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 31 12:11:48 2025
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MA\AP91229.D••

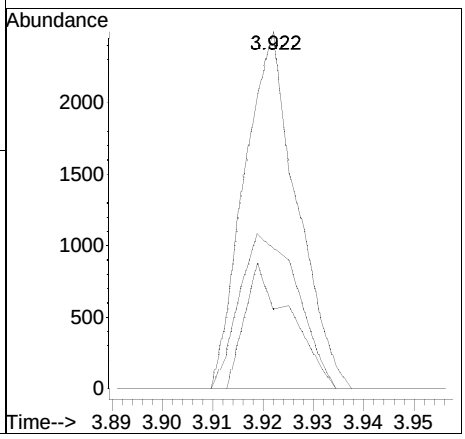




#6
2-Chlorophenol
Concen: 0.40 ug/ml
RT: 3.922 min Scan# 719
Delta R.T. 0.003 min
Lab File: 80856-03.D
Acq: 29 Dec 2025 03:19 pm

Tgt Ion:128 Resp: 1804

Ion	Ratio	Lower	Upper
128	100		
64	48.2	32.7	49.1
130	30.6	26.4	39.6



Manual Integration Report

Data Path	: I:\8270\SV134\251229\	QMethod	: FS250829SV134.m
Data File	: 80856-03.D	Operator	: SV134:jg
Date Inj'd	: 12/29/2025 3:19 pm	Instrument	: SV134
Sample	: L2580856-03,32,,smc	Quant Date	: 12/31/2025 12:14 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV134\251229\
Data File : 80856-03.D
Acq On : 29 Dec 2025 03:19 pm
Operator : SV134:jg
Sample : L2580856-03,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 20 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 400 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV134\251229\FS250829SV134.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 80856-03.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.825	358	366	379	rBV	1678505	1655158	100.00%	13.603%
2	3.021	422	429	443	rBV	691947	606652	36.65%	4.986%
3	3.804	674	681	694	rBV2	932719	758345	45.82%	6.232%
4	4.099	769	776	786	rBV	984464	799575	48.31%	6.571%
5	4.569	922	927	937	rVB	288112	222581	13.45%	1.829%
6	5.193	1121	1128	1136	rBV	1352932	1029976	62.23%	8.465%
7	6.147	1428	1435	1441	rBV	874267	671641	40.58%	5.520%
8	6.726	1615	1621	1634	rBV	1576256	1248493	75.43%	10.261%
9	7.416	1836	1843	1853	rBV	473905	377276	22.79%	3.101%
10	8.025	2029	2039	2050	rBV2	1645115	1300270	78.56%	10.686%
11	9.510	2510	2517	2524	rVB	573551	544938	32.92%	4.479%
12	10.275	2757	2763	2769	rVB2	29004	32216	1.95%	0.265%
13	10.760	2904	2919	2937	rVB2	1127138	1359414	82.13%	11.172%
14	11.217	3060	3066	3077	rVB2	43231	54903	3.32%	0.451%
15	11.730	3226	3231	3239	rVB	32965	39841	2.41%	0.327%
16	11.966	3300	3307	3313	rBV6	23549	33379	2.02%	0.274%
17	12.261	3399	3402	3411	rVB3	31337	36077	2.18%	0.296%
18	12.911	3599	3611	3621	rVB	936500	1396897	84.40%	11.480%

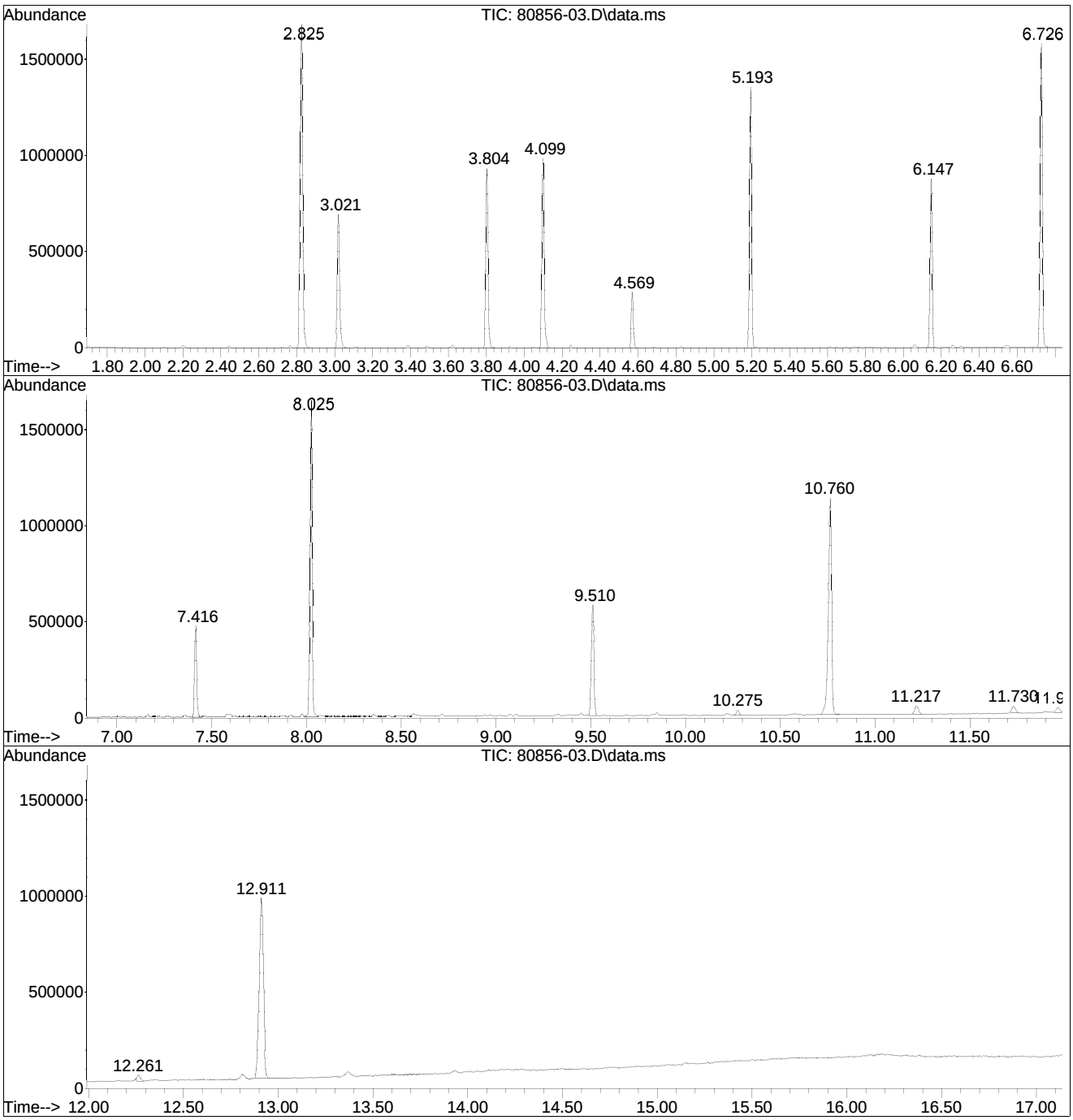
Sum of corrected areas: 12167632

LSC Report - Integrated Chromatogram

Data Path : I:\8270\SV134\251229\
Data File : 80856-03.D
Acq On : 29 Dec 2025 03:19 pm
Operator : SV134:jg
Sample : L2580856-03,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 20 Sample Multiplier: 1

Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: lscint.p



Library Search Compound Report

Data Path : I:\8270\SV134\251229\
Data File : 80856-03.D
Acq On : 29 Dec 2025 03:19 pm
Operator : SV134:jg
Sample : L2580856-03,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 20 Sample Multiplier: 1

Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270

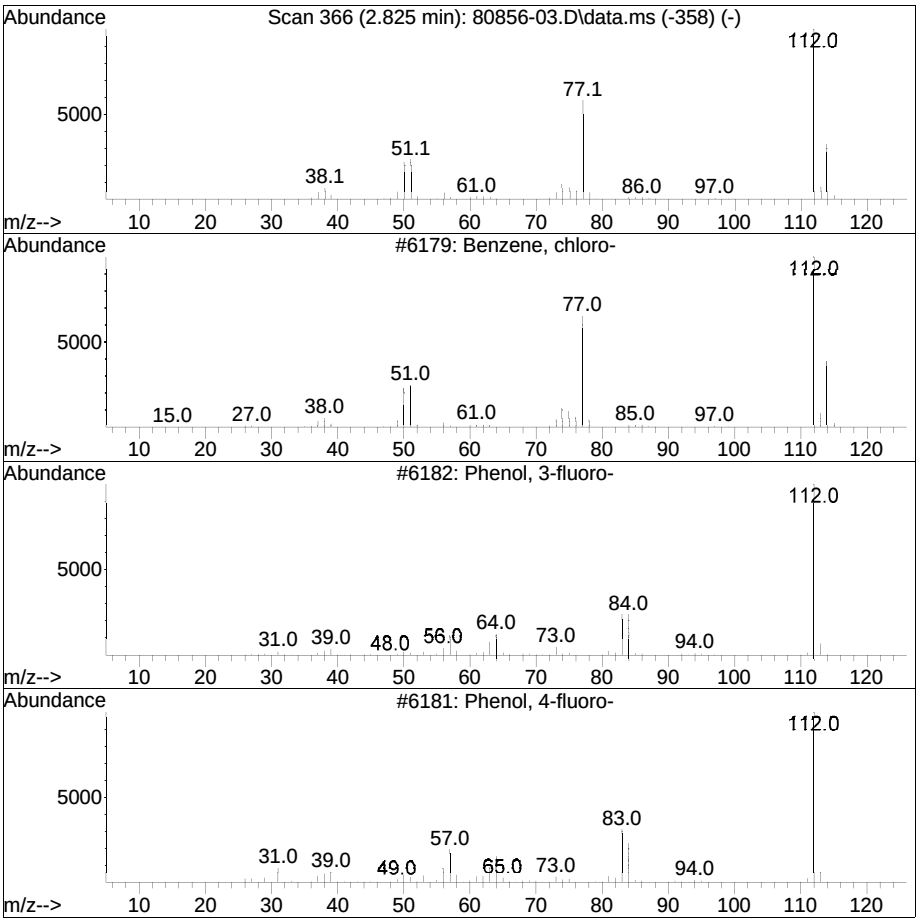
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: lscint.p

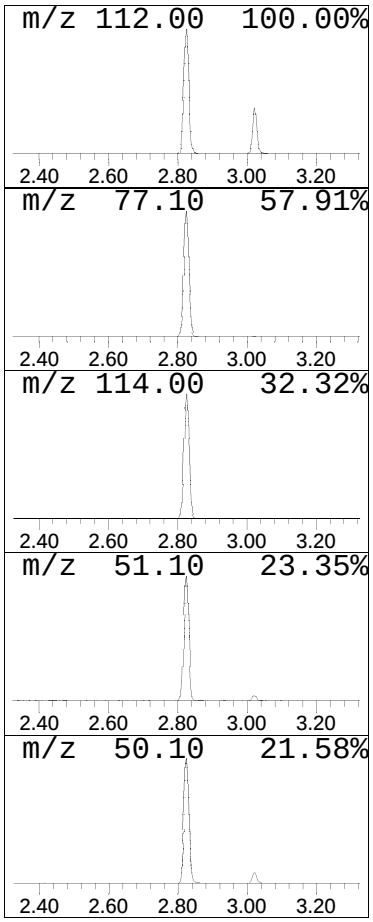
****

Peak Number 1 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.825	82.80 ug/ml	1655160	IS2_1,4-Dichlorobenzene-d4	4.099

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	35
3	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	17
4	3-Nitropyrrole	112	C4H4N2O2	005930-94-9	16
5	2-Furancarboxylic acid	112	C5H4O3	000088-14-2	9





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV134\251229\
Data File : 80856-03.D
Acq On : 29 Dec 2025 03:19 pm
Operator : SV134:jg
Sample : L2580856-03,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 20 Sample Multiplier: 1

Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: lscint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, chloro-	2.825	82.8	ug/ml	1655160	1	4.099	799575	40.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\251229\
Data File : 80856-02.D
Acq On : 29 Dec 2025 03:40 pm
Operator : SV134:jg
Sample : L2580856-02,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 31 12:42:17 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 31 12:11:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\251229\ABN1229.D
: 2 - I:\8270\SV134\251229\ADP1229a.D
: 3 - I:\8270\SV134\251229\AP91229.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	4.099	152	132908	40.000	ug/ml		0.00
Standard Area 1 = 113676			Recovery = 116.92%				
27) IS2_1,4-Dichlorobenzen...	4.099	152	132908	40.000	ug/ml		0.00
Standard Area 3 = 126539			Recovery = 105.03%				
32) IS3_1,4-Dichlorobenzen...	4.099	152	132908	40.000	ug/ml		0.00
Standard Area 2 = 107073			Recovery = 124.13%				
35) IS1_Naphthalene-d8	5.193	136	487144	40.000	ug/ml		0.00
Standard Area 1 = 460433			Recovery = 105.80%				
55) IS2_Naphthalene-d8	5.193	136	487144	40.000	ug/ml		0.00
Standard Area 3 = 525053			Recovery = 92.78%				
63) IS1_Acenaphthene-d10	6.726	164	282882	40.000	ug/ml		0.00
Standard Area 1 = 312198			Recovery = 90.61%				
83) IS2_Acenaphthene-d10	6.726	164	282882	40.000	ug/ml		0.00
Standard Area 3 = 358798			Recovery = 78.84%				
86) IS3_Acenaphthene-d10	6.726	164	282882	40.000	ug/ml		0.00
Standard Area 2 = 287855			Recovery = 98.27%				
88) IS1_Phenanthrene-d10	8.025	188	519623	40.000	ug/ml	#	0.00
Standard Area 1 = 626848			Recovery = 82.89%				
100) IS3_Phenanthrene-d10	8.025	188	519623	40.000	ug/ml		0.00
Standard Area 2 = 607036			Recovery = 85.60%				
104) IS1_Chrysene-d12	10.760	240	489263	40.000	ug/ml	#	0.00
Standard Area 1 = 607398			Recovery = 80.55%				
113) IS1_Perylene-d12	12.911	264	554097	40.000	ug/ml		0.00
Standard Area 1 = 672116			Recovery = 82.44%				
System Monitoring Compounds							
4) 2-Fluorophenol	3.021	112	150834	40.770	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 81.54%				
7) Phenol-d6	3.804	99	195145	42.430	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 84.86%				
19) Nitrobenzene-d5	4.569	82	61251	16.427	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 65.71%				
46) 2-Fluorobiphenyl	6.144	172	222931	21.599	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.40%				
79) 2,4,6-Tribromophenol	7.416	330	48291	36.468	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 72.94%				

Data Path : I:\8270\SV134\251229\
Data File : 80856-02.D
Acq On : 29 Dec 2025 03:40 pm
Operator : SV134:jg
Sample : L2580856-02,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 31 12:42:17 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 31 12:11:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\251229\ABN1229.D
: 2 - I:\8270\SV134\251229\ADP1229a.D
: 3 - I:\8270\SV134\251229\AP91229.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	9.511	244	242973	18.646	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 74.58%

Target Compounds				Qvalue
6) 2-Chlorophenol	0.000	0	N.D.	d
8) Phenol	0.000	0	N.D.	
9) Bis(2-chloroethyl)ether	0.000	0	N.D.	
14) Bis(2-chloroisopropyl)...	0.000	0	N.D.	
15) 2-Methylphenol	0.000	0	N.D.	
16) Hexachloroethane	0.000	0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000	0	N.D.	
18) 3-Methylphenol/4-Methy...	0.000	0	N.D.	
20) Nitrobenzene	0.000	0	N.D.	
21) Isophorone	0.000	0	N.D.	
22) 2-Nitrophenol	0.000	0	N.D.	
23) 2,4-Dimethylphenol	0.000	0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000	0	N.D.	
25) 2,4-Dichlorophenol	0.000	0	N.D.	
28) Benzaldehyde	0.000	0	N.D.	
29) Acetophenone	0.000	0	N.D.	
36) Naphthalene	0.000	0	N.D.	d
38) 4-Chloroaniline	0.000	0	N.D.	
39) Hexachlorobutadiene	0.000	0	N.D.	
40) p-Chloro-m-cresol	0.000	0	N.D.	
41) 2-Methylnaphthalene	0.000	0	N.D.	
43) Hexachlorocyclopentadiene	0.000	0	N.D.	
44) 2,4,6-Trichlorophenol	0.000	0	N.D.	
45) 2,4,5-Trichlorophenol	0.000	0	N.D.	
47) 2-Chloronaphthalene	0.000	0	N.D.	
48) 2-Nitroaniline	0.000	0	N.D.	
51) Dimethyl phthalate	0.000	0	N.D.	
52) Acenaphthylene	0.000	0	N.D.	
53) 2,6-Dinitrotoluene	0.000	0	N.D.	
60) Caprolactam	0.000	0	N.D.	
61) 1,2,4,5-Tetrachloroben...	0.000	0	N.D.	
62) Biphenyl	0.000	0	N.D.	d
64) 3-Nitroaniline	0.000	0	N.D.	

Data Path : I:\8270\SV134\251229\
Data File : 80856-02.D
Acq On : 29 Dec 2025 03:40 pm
Operator : SV134:jg
Sample : L2580856-02,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 31 12:42:17 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 31 12:11:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\251229\ABN1229.D
: 2 - I:\8270\SV134\251229\ADP1229a.D
: 3 - I:\8270\SV134\251229\AP91229.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Acenaphthene	0.000		0	N.D.	d	
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	0.000		0	N.D.		
68) 2,4-Dinitrotoluene	0.000		0	N.D.		
69) 4-Nitrophenol	0.000		0	N.D.		
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		
73) Fluorene	0.000		0	N.D.		
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75) 4-Nitroaniline	0.000		0	N.D.		
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.		
77) NDPA/DPA	0.000		0	N.D.	d	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
81) Hexachlorobenzene	0.000		0	N.D.		
82) Pentachlorophenol	0.000		0	N.D.		
87) Atrazine	0.000		0	N.D.		
89) Phenanthrene	0.000		0	N.D.	d	
90) Anthracene	0.000		0	N.D.	d	
91) Carbazole	0.000		0	N.D.		
92) Di-n-butylphthalate	0.000		0	N.D.		
93) Fluoranthene	0.000		0	N.D.	d	
95) Pyrene	0.000		0	N.D.	d	
97) Butyl benzyl phthalate	0.000		0	N.D.		
105) Benzo(a)anthracene	0.000		0	N.D.	d	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
107) Chrysene	0.000		0	N.D.	d	
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
109) Di-n-octylphthalate	0.000		0	N.D.	d	
110) Benzo(b)fluoranthene	0.000		0	N.D.	d	
111) Benzo(k)fluoranthene	0.000		0	N.D.	d	
112) Benzo(a)pyrene	0.000		0	N.D.	d	
114) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
115) Dibenzo(a,h)anthracene	0.000		0	N.D.		
116) Benzo(ghi)perylene	0.000		0	N.D.	d	

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\251229\
Data File : 80856-02.D
Acq On : 29 Dec 2025 03:40 pm
Operator : SV134:jg
Sample : L2580856-02,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 31 12:42:17 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 31 12:11:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\251229\ABN1229.D
: 2 - I:\8270\SV134\251229\ADP1229a.D
: 3 - I:\8270\SV134\251229\AP91229.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

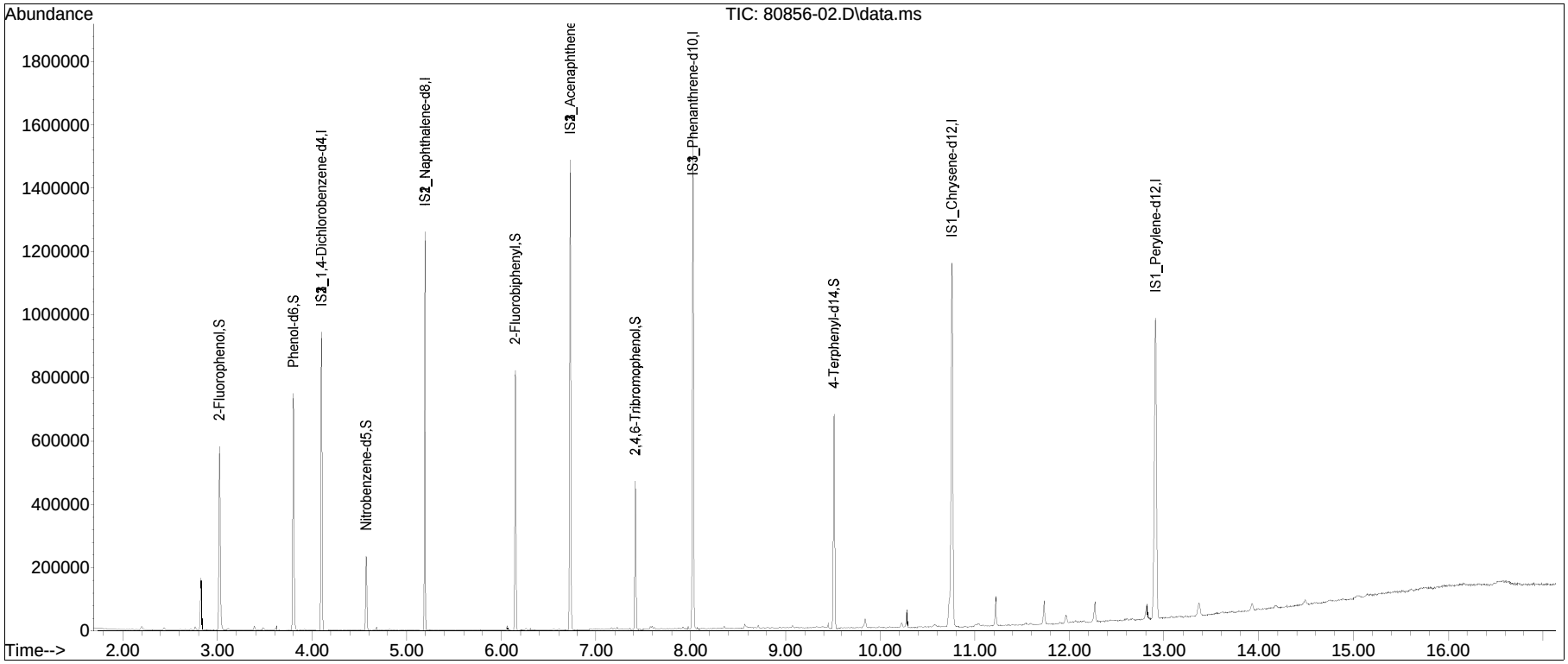
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\251229\
Data File : 80856-02.D
Acq On : 29 Dec 2025 03:40 pm
Operator : SV134:jg
Sample : L2580856-02,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 31 12:42:17 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 31 12:11:48 2025
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MA\AP91229.D••



Manual Integration Report

Data Path	: I:\8270\SV134\251229\	QMethod	: FS250829SV134.m
Data File	: 80856-02.D	Operator	: SV134:jg
Date Inj'd	: 12/29/2025 3:40 pm	Instrument	: SV134
Sample	: L2580856-02,32,,smc	Quant Date	: 12/31/2025 12:14 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV134\251229\
Data File : 80856-02.D
Acq On : 29 Dec 2025 03:40 pm
Operator : SV134:jg
Sample : L2580856-02,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 21 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 400 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV134\251229\FS250829SV134.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 80856-02.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.825	357	366	377	rVB	162602	167632	11.62%	1.572%
2	3.021	422	429	447	rVB	580197	526044	36.48%	4.934%
3	3.804	674	681	691	rBV2	748552	637243	44.19%	5.977%
4	4.099	769	776	786	rBV	943771	744510	51.63%	6.983%
5	4.569	921	927	934	rBV	234347	186569	12.94%	1.750%
6	5.193	1121	1128	1135	rVB	1259144	943578	65.43%	8.850%
7	6.144	1428	1434	1442	rVB	821767	624569	43.31%	5.858%
8	6.726	1614	1621	1632	rVB	1486775	1159190	80.38%	10.872%
9	7.416	1837	1843	1853	rVB	469769	369661	25.63%	3.467%
10	8.025	2030	2039	2050	rBV2	1593915	1233792	85.55%	11.572%
11	9.511	2509	2517	2524	rBV	676392	621185	43.07%	5.826%
12	9.846	2612	2625	2632	rBV2	28888	38046	2.64%	0.357%
13	10.219	2739	2745	2753	rBV5	14438	17494	1.21%	0.164%
14	10.275	2757	2763	2771	rVB	55905	59861	4.15%	0.561%
15	10.760	2902	2919	2931	rVB2	1148988	1420832	98.52%	13.326%
16	11.217	3058	3066	3077	rVB	92477	117330	8.14%	1.100%
17	11.730	3222	3231	3239	rBV2	74316	100051	6.94%	0.938%
18	11.963	3299	3306	3314	rBV5	25593	33283	2.31%	0.312%
19	12.264	3395	3403	3413	rVB	63980	92000	6.38%	0.863%
20	12.811	3573	3579	3589	rVB3	46419	66976	4.64%	0.628%
21	12.911	3598	3611	3624	rBV	951072	1442123	100.00%	13.526%
22	13.368	3751	3758	3768	rVB2	39050	59792	4.15%	0.561%

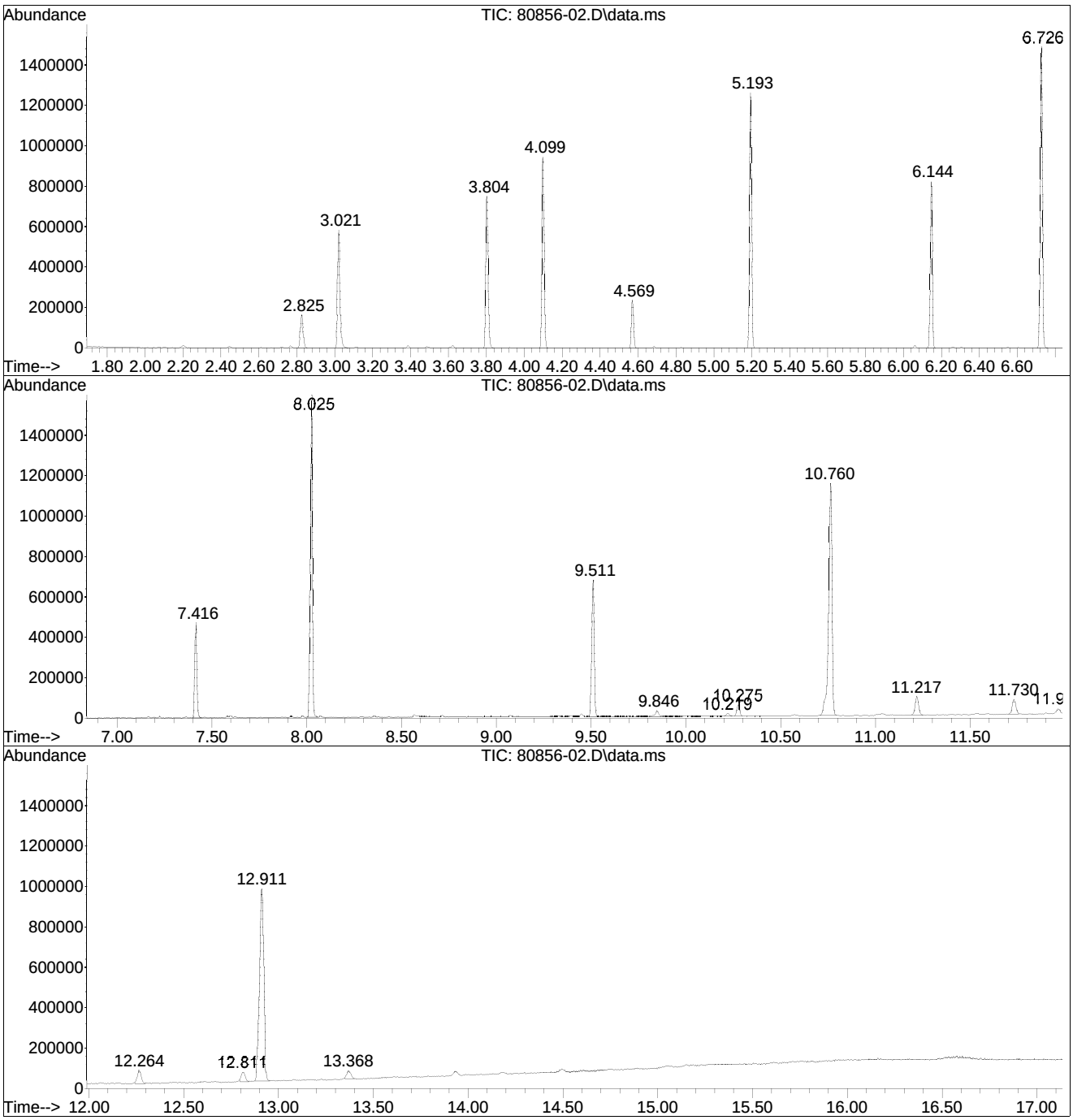
Sum of corrected areas: 10661761

LSC Report - Integrated Chromatogram

Data Path : I:\8270\SV134\251229\
Data File : 80856-02.D
Acq On : 29 Dec 2025 03:40 pm
Operator : SV134:jg
Sample : L2580856-02,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 21 Sample Multiplier: 1

Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: lscint.p



Library Search Compound Report

Data Path : I:\8270\SV134\251229\
Data File : 80856-02.D
Acq On : 29 Dec 2025 03:40 pm
Operator : SV134:jg
Sample : L2580856-02,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 21 Sample Multiplier: 1

Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270

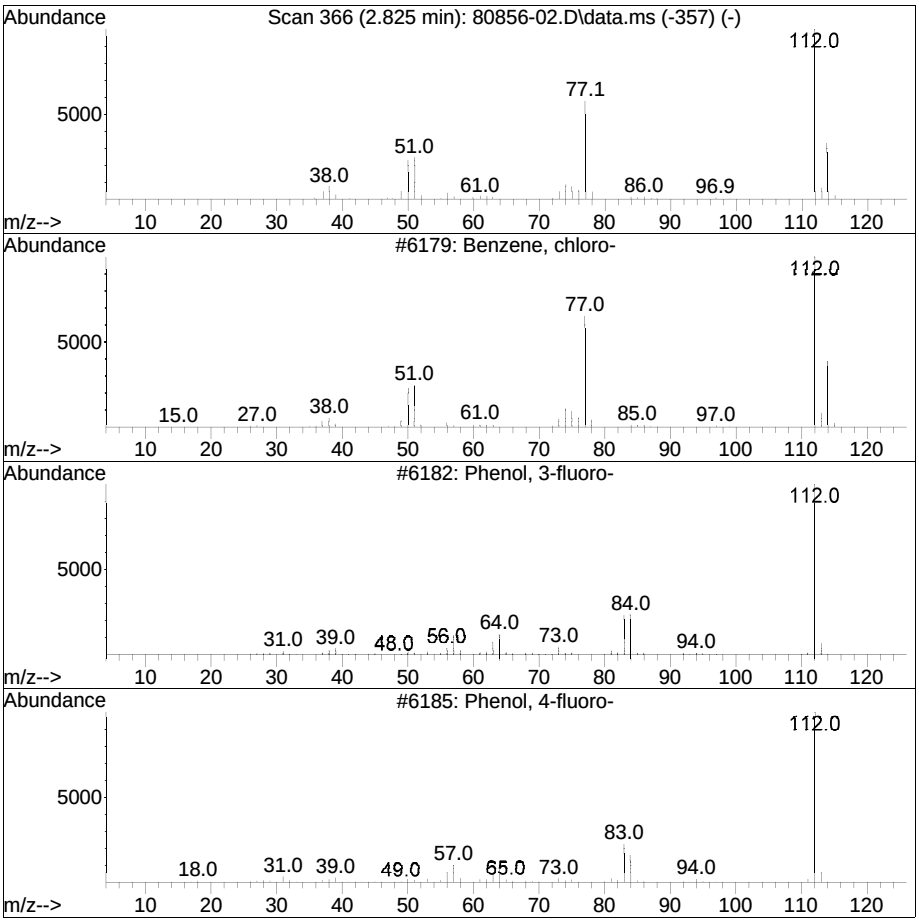
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: lscint.p

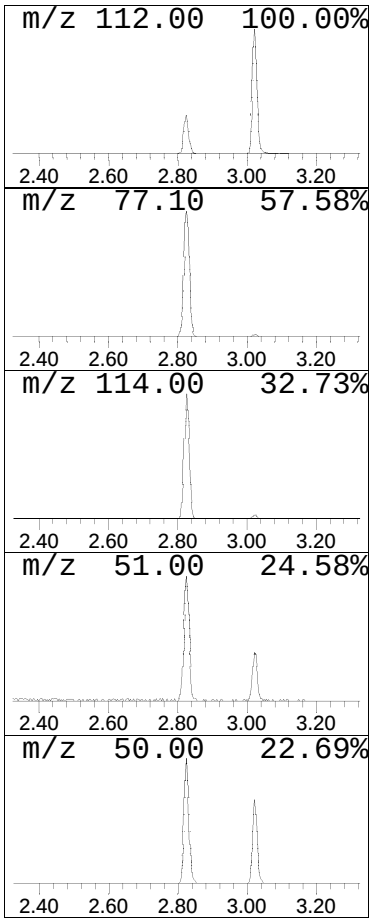
****

Peak Number 1 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.825	9.01 ug/ml	167632	IS2_1,4-Dichlorobenzene-d4	4.099

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	25
3	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	25
4	3-Nitropyrrole	112	C4H4N2O2	005930-94-9	16
5	2-Cyclopenten-1-one, 2-hydroxy-3...	112	C6H8O2	000080-71-7	9





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV134\251229\
Data File : 80856-02.D
Acq On : 29 Dec 2025 03:40 pm
Operator : SV134:jg
Sample : L2580856-02,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 21 Sample Multiplier: 1

Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: lscint.p

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, chloro-	2.825	9.0	ug/ml	167632	1	4.099	744510	40.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\251229\
Data File : 80856-01.D
Acq On : 29 Dec 2025 04:02 pm
Operator : SV134:jg
Sample : L2580856-01,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 31 12:41:26 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 31 12:11:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\251229\ABN1229.D
: 2 - I:\8270\SV134\251229\ADP1229a.D
: 3 - I:\8270\SV134\251229\AP91229.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	4.099	152	147005	40.000	ug/ml		0.00
Standard Area 1 = 113676			Recovery = 129.32%				
27) IS2_1,4-Dichlorobenzen...	4.099	152	147005	40.000	ug/ml		0.00
Standard Area 3 = 126539			Recovery = 116.17%				
32) IS3_1,4-Dichlorobenzen...	4.099	152	147005	40.000	ug/ml		0.00
Standard Area 2 = 107073			Recovery = 137.29%				
35) IS1_Naphthalene-d8	5.193	136	549364	40.000	ug/ml		0.00
Standard Area 1 = 460433			Recovery = 119.31%				
55) IS2_Naphthalene-d8	5.193	136	549364	40.000	ug/ml		0.00
Standard Area 3 = 525053			Recovery = 104.63%				
63) IS1_Acenaphthene-d10	6.725	164	316538	40.000	ug/ml		0.00
Standard Area 1 = 312198			Recovery = 101.39%				
83) IS2_Acenaphthene-d10	6.725	164	316538	40.000	ug/ml		0.00
Standard Area 3 = 358798			Recovery = 88.22%				
86) IS3_Acenaphthene-d10	6.725	164	316538	40.000	ug/ml		0.00
Standard Area 2 = 287855			Recovery = 109.96%				
88) IS1_Phenanthrene-d10	8.025	188	556883	40.000	ug/ml	#	0.00
Standard Area 1 = 626848			Recovery = 88.84%				
100) IS3_Phenanthrene-d10	8.025	188	556883	40.000	ug/ml		0.00
Standard Area 2 = 607036			Recovery = 91.74%				
104) IS1_Chrysene-d12	10.760	240	483753	40.000	ug/ml	#	0.00
Standard Area 1 = 607398			Recovery = 79.64%				
113) IS1_Perylene-d12	12.911	264	546577	40.000	ug/ml		0.00
Standard Area 1 = 672116			Recovery = 81.32%				
System Monitoring Compounds							
4) 2-Fluorophenol	3.021	112	164817	40.277	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 80.55%				
7) Phenol-d6	3.804	99	218300	42.913	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 85.83%				
19) Nitrobenzene-d5	4.568	82	64903	15.737	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 62.95%				
46) 2-Fluorobiphenyl	6.147	172	251142	21.576	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.30%				
79) 2,4,6-Tribromophenol	7.419	330	46715	31.527	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 63.05%				

Data Path : I:\8270\SV134\251229\
Data File : 80856-01.D
Acq On : 29 Dec 2025 04:02 pm
Operator : SV134:jg
Sample : L2580856-01,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 31 12:41:26 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 31 12:11:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\251229\ABN1229.D
: 2 - I:\8270\SV134\251229\ADP1229a.D
: 3 - I:\8270\SV134\251229\AP91229.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	9.507	244	248140	17.768	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 71.07%

Target Compounds						Qvalue
6) 2-Chlorophenol	3.922	128	9817	2.054	ug/ml	92
8) Phenol	0.000		0	N.D.		
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		
15) 2-Methylphenol	0.000		0	N.D.		
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.		
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.		
22) 2-Nitrophenol	0.000		0	N.D.		
23) 2,4-Dimethylphenol	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
25) 2,4-Dichlorophenol	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
36) Naphthalene	0.000		0	N.D.	d	
38) 4-Chloroaniline	0.000		0	N.D.	d	
39) Hexachlorobutadiene	0.000		0	N.D.		
40) p-Chloro-m-cresol	0.000		0	N.D.		
41) 2-Methylnaphthalene	0.000		0	N.D.		
43) Hexachlorocyclopentadiene	0.000		0	N.D.		
44) 2,4,6-Trichlorophenol	0.000		0	N.D.		
45) 2,4,5-Trichlorophenol	0.000		0	N.D.		
47) 2-Chloronaphthalene	0.000		0	N.D.		
48) 2-Nitroaniline	0.000		0	N.D.		
51) Dimethyl phthalate	0.000		0	N.D.		
52) Acenaphthylene	0.000		0	N.D.		
53) 2,6-Dinitrotoluene	0.000		0	N.D.		
60) Caprolactam	0.000		0	N.D.	d	
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
62) Biphenyl	0.000		0	N.D.	d	
64) 3-Nitroaniline	0.000		0	N.D.		

Data Path : I:\8270\SV134\251229\
Data File : 80856-01.D
Acq On : 29 Dec 2025 04:02 pm
Operator : SV134:jg
Sample : L2580856-01,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 31 12:41:26 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 31 12:11:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\251229\ABN1229.D
: 2 - I:\8270\SV134\251229\ADP1229a.D
: 3 - I:\8270\SV134\251229\AP91229.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Acenaphthene	0.000		0	N.D.	d	
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	0.000		0	N.D.		
68) 2,4-Dinitrotoluene	0.000		0	N.D.		
69) 4-Nitrophenol	0.000		0	N.D.		
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		
73) Fluorene	0.000		0	N.D.		
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75) 4-Nitroaniline	0.000		0	N.D.		
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.		
77) NDPA/DPA	0.000		0	N.D.	d	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
81) Hexachlorobenzene	0.000		0	N.D.		
82) Pentachlorophenol	0.000		0	N.D.		
87) Atrazine	0.000		0	N.D.		
89) Phenanthrene	0.000		0	N.D.	d	
90) Anthracene	0.000		0	N.D.	d	
91) Carbazole	0.000		0	N.D.		
92) Di-n-butylphthalate	0.000		0	N.D.		
93) Fluoranthene	0.000		0	N.D.	d	
95) Pyrene	0.000		0	N.D.	d	
97) Butyl benzyl phthalate	0.000		0	N.D.		
105) Benzo(a)anthracene	0.000		0	N.D.	d	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
107) Chrysene	0.000		0	N.D.	d	
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
109) Di-n-octylphthalate	0.000		0	N.D.	d	
110) Benzo(b)fluoranthene	0.000		0	N.D.		
111) Benzo(k)fluoranthene	0.000		0	N.D.		
112) Benzo(a)pyrene	0.000		0	N.D.	d	
114) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
115) Dibenzo(a,h)anthracene	0.000		0	N.D.		
116) Benzo(ghi)perylene	0.000		0	N.D.		

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

Data Path : I:\8270\SV134\251229\
Data File : 80856-01.D
Acq On : 29 Dec 2025 04:02 pm
Operator : SV134:jg
Sample : L2580856-01,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 31 12:41:26 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 31 12:11:48 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\251229\ABN1229.D
: 2 - I:\8270\SV134\251229\ADP1229a.D
: 3 - I:\8270\SV134\251229\AP91229.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

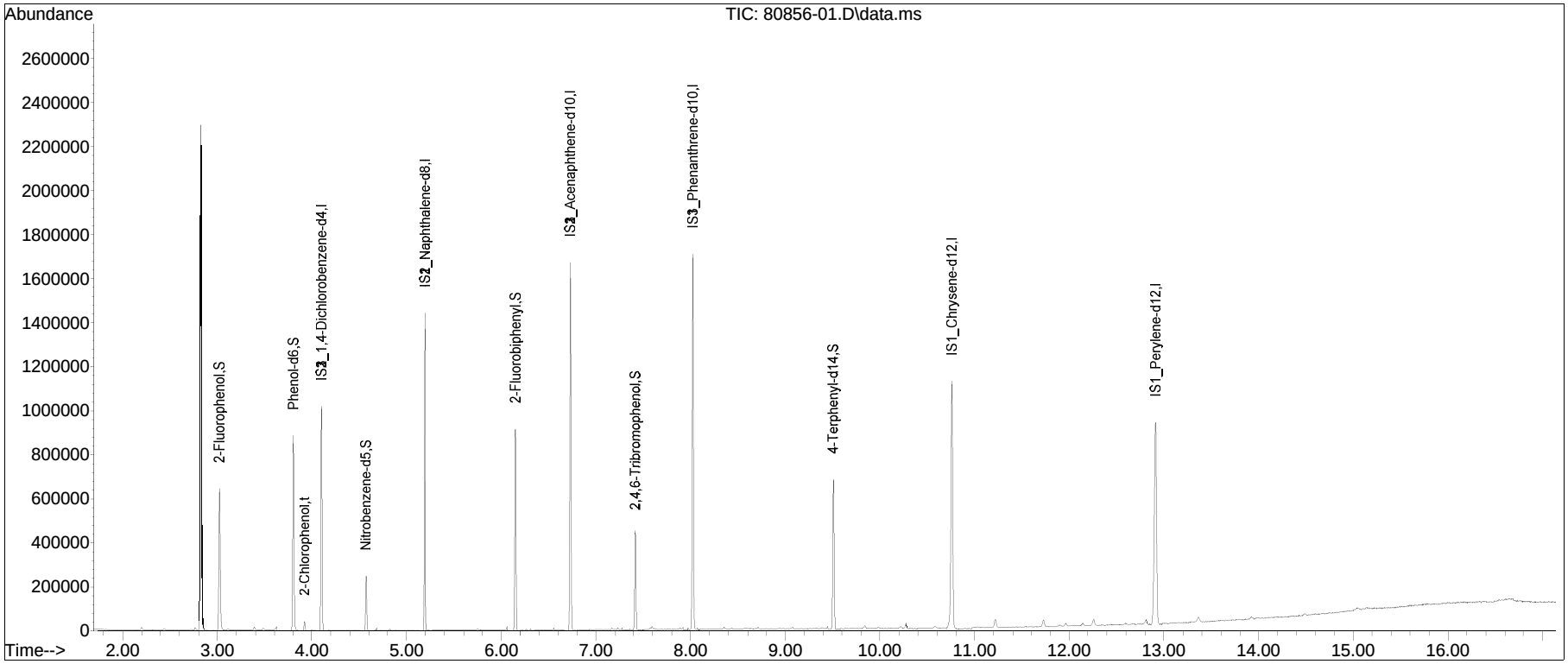
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

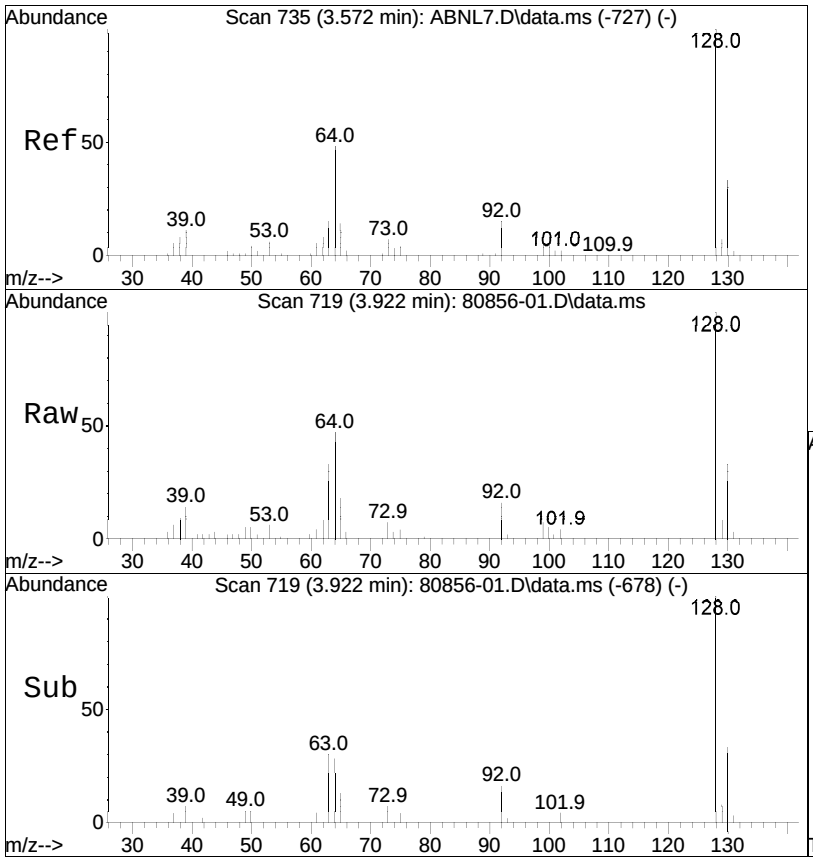
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\251229\
Data File : 80856-01.D
Acq On : 29 Dec 2025 04:02 pm
Operator : SV134:jg
Sample : L2580856-01,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 31 12:41:26 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 31 12:11:48 2025
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MA\AP91229.D••

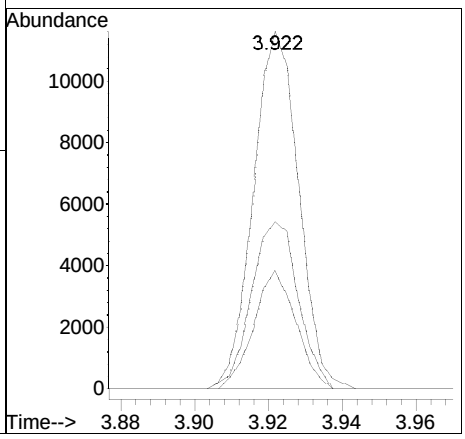




#6
2-Chlorophenol
Concen: 2.05 ug/ml
RT: 3.922 min Scan# 719
Delta R.T. 0.003 min
Lab File: 80856-01.D
Acq: 29 Dec 2025 04:02 pm

Tgt Ion:128 Resp: 9817

Ion	Ratio	Lower	Upper
128	100		
64	48.5	32.7	49.1
130	31.0	26.4	39.6



Manual Integration Report

Data Path	: I:\8270\SV134\251229\	QMethod	: FS250829SV134.m
Data File	: 80856-01.D	Operator	: SV134:jg
Date Inj'd	: 12/29/2025 4:02 pm	Instrument	: SV134
Sample	: L2580856-01,32,,smc	Quant Date	: 12/31/2025 12:14 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV134\251229\
Data File : 80856-01.D
Acq On : 29 Dec 2025 04:02 pm
Operator : SV134:jg
Sample : L2580856-01,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 22 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 400 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV134\251229\FS250829SV134.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 80856-01.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.825	355	366	380	rBV	2297012	2381790	100.00%	18.199%
2	3.021	422	429	443	rBV	644312	577317	24.24%	4.411%
3	3.804	672	681	698	rBV2	886904	732163	30.74%	5.595%
4	3.922	713	719	725	rVB	42425	34275	1.44%	0.262%
5	4.099	769	776	784	rVB	1019378	806658	33.87%	6.164%
6	4.568	922	927	934	rVB	247738	197013	8.27%	1.505%
7	5.193	1121	1128	1136	rBV	1443276	1099556	46.17%	8.402%
8	6.147	1428	1435	1442	rVB	916685	700080	29.39%	5.349%
9	6.725	1614	1621	1631	rBV	1671375	1303489	54.73%	9.960%
10	7.415	1837	1843	1850	rBV	451404	361137	15.16%	2.759%
11	8.025	2028	2039	2050	rBV	1709083	1324288	55.60%	10.119%
12	9.507	2508	2516	2524	rBV	681713	639593	26.85%	4.887%
13	10.760	2901	2919	2929	rBV	1122191	1333197	55.97%	10.187%
14	11.217	3059	3066	3077	rVB5	37187	53272	2.24%	0.407%
15	11.730	3223	3231	3238	rBV2	29238	39041	1.64%	0.298%
16	12.261	3396	3402	3412	rVB3	26783	34524	1.45%	0.264%
17	12.808	3573	3578	3589	rVB4	19339	26188	1.10%	0.200%
18	12.911	3597	3611	3624	rBV	917754	1443588	60.61%	11.031%

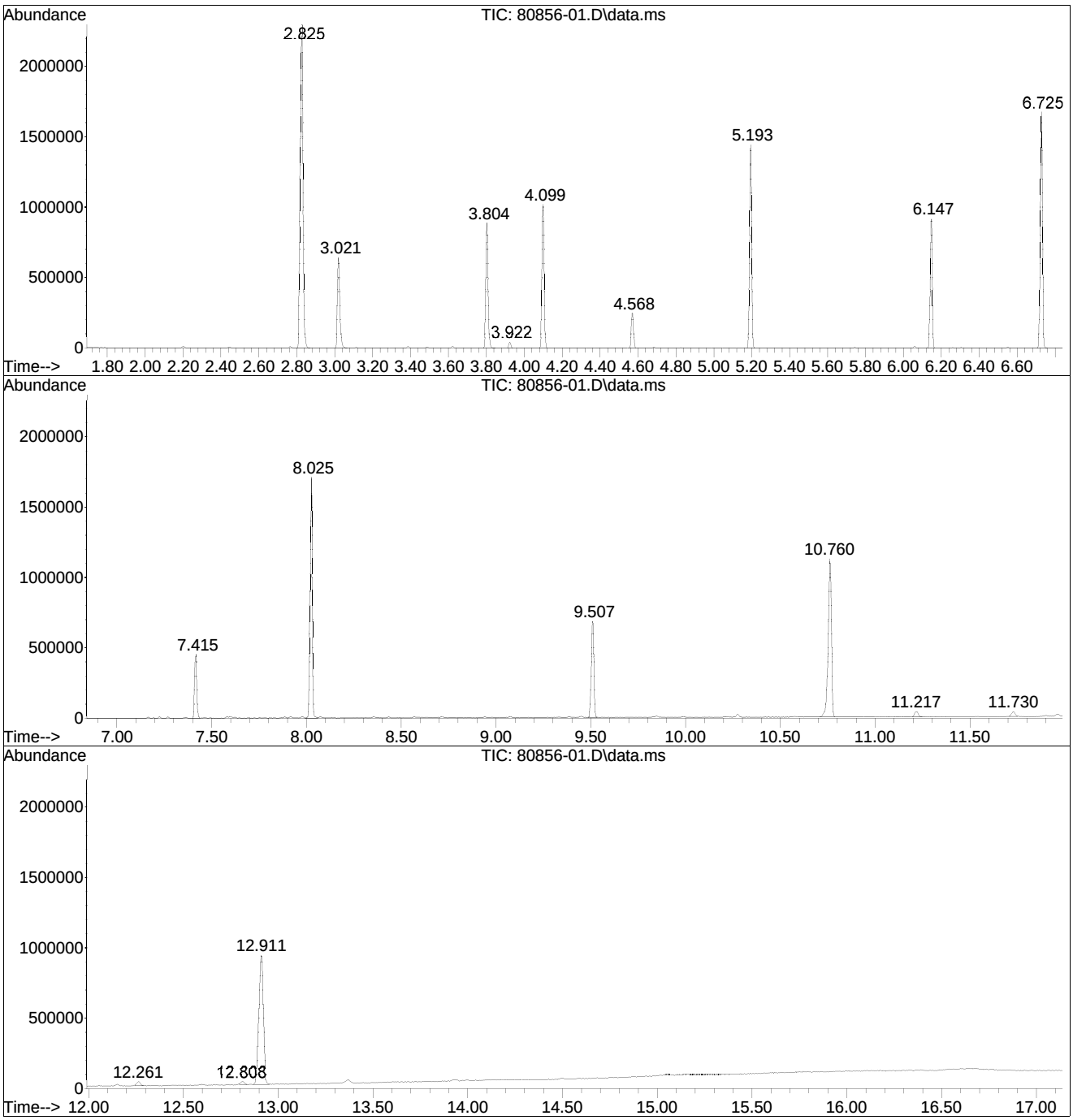
Sum of corrected areas: 13087169

LSC Report - Integrated Chromatogram

Data Path : I:\8270\SV134\251229\
Data File : 80856-01.D
Acq On : 29 Dec 2025 04:02 pm
Operator : SV134:jg
Sample : L2580856-01,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 22 Sample Multiplier: 1

Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: lscint.p



Library Search Compound Report

Data Path : I:\8270\SV134\251229\
Data File : 80856-01.D
Acq On : 29 Dec 2025 04:02 pm
Operator : SV134:jg
Sample : L2580856-01,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 22 Sample Multiplier: 1

Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270

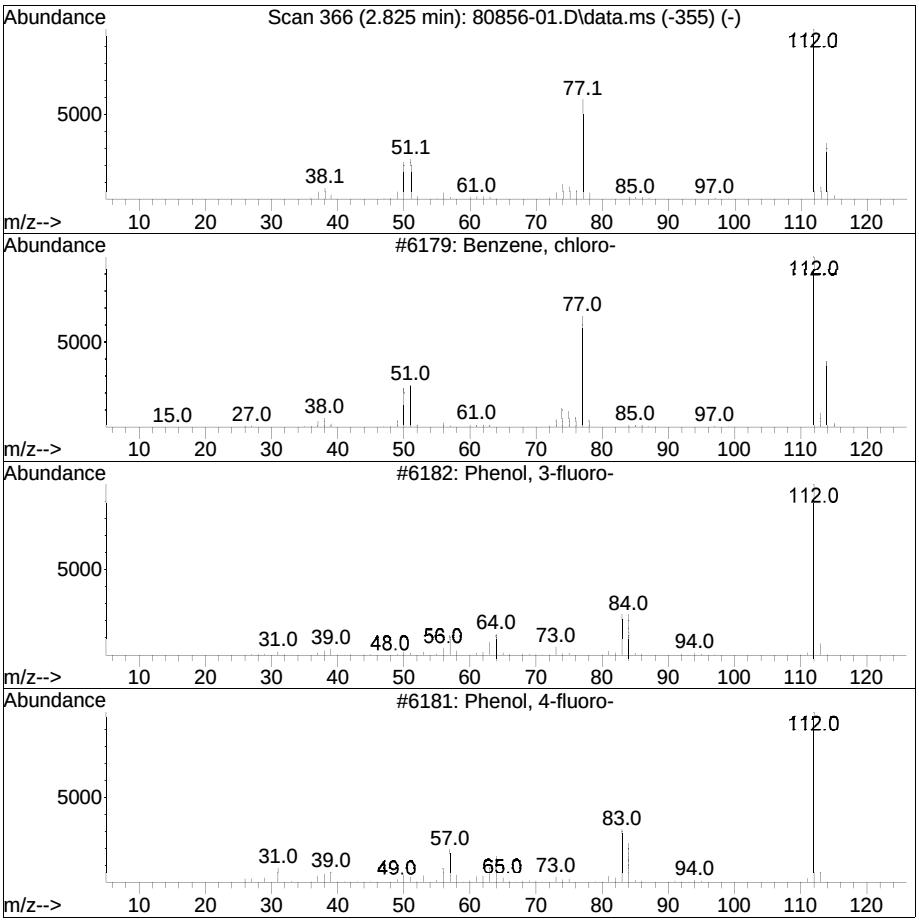
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: lscint.p

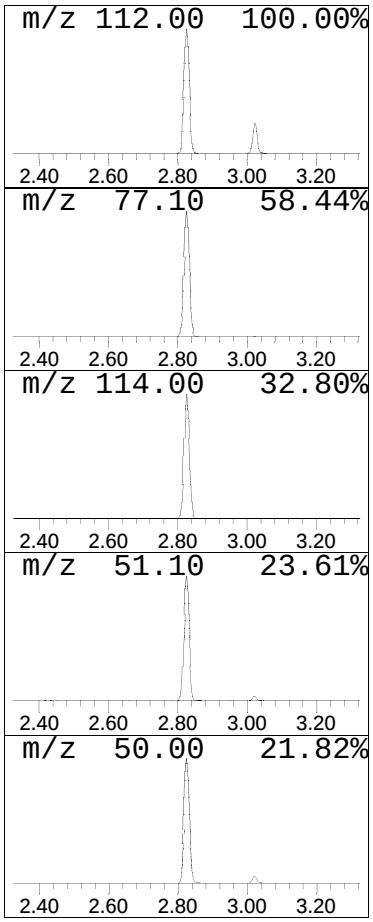
****

Peak Number 1 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.825	118.11 ug/ml	2381790	IS2_1,4-Dichlorobenzene-d4	4.099

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	35
3	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	17
4	3-Nitropyrrole	112	C4H4N2O2	005930-94-9	16
5	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	9





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV134\251229\
Data File : 80856-01.D
Acq On : 29 Dec 2025 04:02 pm
Operator : SV134:jg
Sample : L2580856-01,32,,smc
Misc : wg2159560,WG2158852,ical22604
ALS Vial : 22 Sample Multiplier: 1

Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: lscint.p

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, chloro-	2.825	118.1	ug/ml	2381790	1	4.099	806658	40.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260102\
Data File : 80856-07.D
Acq On : 2 Jan 2026 7:50 pm
Operator : Mork:imk
Sample : L2580856-07,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 05 09:28:39 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 12:38:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260102\ABN0102.D
: 2 - I:\8270\Mork\260102\ADP0102.D
: 3 - I:\8270\Mork\260102\AP90102.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.279	152	95220	40.000	ug/ml		0.00
Standard Area 1 = 90358			Recovery = 105.38%				
27) IS2_1,4-Dichlorobenzen...	3.279	152	95220	40.000	ug/ml		0.00
Standard Area 3 = 80544			Recovery = 118.22%				
32) IS3_1,4-Dichlorobenzen...	3.279	152	95220	40.000	ug/ml		0.00
Standard Area 2 = 83428			Recovery = 114.13%				
35) IS1_Naphthalene-d8	4.360	136	370203	40.000	ug/ml	#	0.00
Standard Area 1 = 342813			Recovery = 107.99%				
55) IS2_Naphthalene-d8	4.360	136	370203	40.000	ug/ml	#	0.00
Standard Area 3 = 296340			Recovery = 124.93%				
63) IS1_Acenaphthene-d10	5.864	164	237756	40.000	ug/ml		0.00
Standard Area 1 = 203625			Recovery = 116.76%				
83) IS2_Acenaphthene-d10	5.864	164	237756	40.000	ug/ml		0.00
Standard Area 3 = 173471			Recovery = 137.06%				
86) IS3_Acenaphthene-d10	5.864	164	237756	40.000	ug/ml		0.00
Standard Area 2 = 184014			Recovery = 129.21%				
88) IS1_Phenanthrene-d10	7.127	188	491769	40.000	ug/ml	#	0.00
Standard Area 1 = 439806			Recovery = 111.81%				
100) IS3_Phenanthrene-d10	7.127	188	491769	40.000	ug/ml	#	0.00
Standard Area 2 = 413356			Recovery = 118.97%				
104) IS1_Chrysene-d12	9.466	240	496087	40.000	ug/ml		0.00
Standard Area 1 = 516716			Recovery = 96.01%				
113) IS1_Perylene-d12	11.005	264	577473	40.000	ug/ml		0.01
Standard Area 1 = 654978			Recovery = 88.17%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.197	112	106915	46.730	ug/ml		0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 93.46%				
7) Phenol-d6	3.044	99	136132	47.989	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 95.98%				
19) Nitrobenzene-d5	3.760	82	60378	23.821	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 95.28%				
46) 2-Fluorobiphenyl	5.317	172	182188	20.193	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 80.77%				
79) 2,4,6-Tribromophenol	6.545	330	62267	32.685	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 65.37%				

Data Path : I:\8270\Mork\260102\
Data File : 80856-07.D
Acq On : 2 Jan 2026 7:50 pm
Operator : Mork:imk
Sample : L2580856-07,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 05 09:28:39 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 12:38:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260102\ABN0102.D
: 2 - I:\8270\Mork\260102\ADP0102.D
: 3 - I:\8270\Mork\260102\AP90102.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	8.537	244	250776	18.606	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 74.42%

Target Compounds				Qvalue
6) 2-Chlorophenol	0.000	0	N.D.	
8) Phenol	0.000	0	N.D.	
9) Bis(2-chloroethyl)ether	0.000	0	N.D.	
14) Bis(2-chloroisopropyl)...	0.000	0	N.D.	
15) 2-Methylphenol	0.000	0	N.D.	
16) Hexachloroethane	0.000	0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000	0	N.D.	d
18) 3-Methylphenol/4-Methy...	0.000	0	N.D.	
20) Nitrobenzene	0.000	0	N.D.	
21) Isophorone	0.000	0	N.D.	d
22) 2-Nitrophenol	0.000	0	N.D.	
23) 2,4-Dimethylphenol	0.000	0	N.D.	d
24) Bis(2-chloroethoxy)met...	0.000	0	N.D.	
25) 2,4-Dichlorophenol	0.000	0	N.D.	
28) Benzaldehyde	0.000	0	N.D.	
29) Acetophenone	0.000	0	N.D.	
36) Naphthalene	0.000	0	N.D.	
38) 4-Chloroaniline	0.000	0	N.D.	
39) Hexachlorobutadiene	0.000	0	N.D.	
40) p-Chloro-m-cresol	0.000	0	N.D.	
41) 2-Methylnaphthalene	0.000	0	N.D.	
43) Hexachlorocyclopentadiene	0.000	0	N.D.	
44) 2,4,6-Trichlorophenol	0.000	0	N.D.	
45) 2,4,5-Trichlorophenol	0.000	0	N.D.	
47) 2-Chloronaphthalene	0.000	0	N.D.	
48) 2-Nitroaniline	0.000	0	N.D.	
51) Dimethyl phthalate	0.000	0	N.D.	d
52) Acenaphthylene	0.000	0	N.D.	d
53) 2,6-Dinitrotoluene	0.000	0	N.D.	d
60) Caprolactam	0.000	0	N.D.	
61) 1,2,4,5-Tetrachloroben...	0.000	0	N.D.	
62) Biphenyl	0.000	0	N.D.	
64) 3-Nitroaniline	0.000	0	N.D.	

Data Path : I:\8270\Mork\260102\
Data File : 80856-07.D
Acq On : 2 Jan 2026 7:50 pm
Operator : Mork:imk
Sample : L2580856-07,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 05 09:28:39 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 12:38:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260102\ABN0102.D
: 2 - I:\8270\Mork\260102\ADP0102.D
: 3 - I:\8270\Mork\260102\AP90102.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Acenaphthene	0.000		0	N.D.	d	
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	0.000		0	N.D.		
68) 2,4-Dinitrotoluene	0.000		0	N.D.	d	
69) 4-Nitrophenol	0.000		0	N.D.		
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		
73) Fluorene	0.000		0	N.D.	d	
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75) 4-Nitroaniline	0.000		0	N.D.		
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.		
77) NDPA/DPA	0.000		0	N.D.	d	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.	d	
81) Hexachlorobenzene	0.000		0	N.D.		
82) Pentachlorophenol	0.000		0	N.D.		
87) Atrazine	0.000		0	N.D.		
89) Phenanthrene	0.000		0	N.D.	d	
90) Anthracene	0.000		0	N.D.	d	
91) Carbazole	0.000		0	N.D.		
92) Di-n-butylphthalate	0.000		0	N.D.		
93) Fluoranthene	0.000		0	N.D.	d	
95) Pyrene	0.000		0	N.D.	d	
97) Butyl benzyl phthalate	0.000		0	N.D.	d	
105) Benzo(a)anthracene	0.000		0	N.D.	d	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
107) Chrysene	0.000		0	N.D.	d	
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
109) Di-n-octylphthalate	0.000		0	N.D.	d	
110) Benzo(b)fluoranthene	0.000		0	N.D.	d	
111) Benzo(k)fluoranthene	0.000		0	N.D.	d	
112) Benzo(a)pyrene	0.000		0	N.D.	d	
114) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	d	
115) Dibenzo(a,h)anthracene	0.000		0	N.D.	d	
116) Benzo(ghi)perylene	0.000		0	N.D.	d	

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260102\
Data File : 80856-07.D
Acq On : 2 Jan 2026 7:50 pm
Operator : Mork:imk
Sample : L2580856-07,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 05 09:28:39 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 12:38:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260102\ABN0102.D
: 2 - I:\8270\Mork\260102\ADP0102.D
: 3 - I:\8270\Mork\260102\AP90102.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

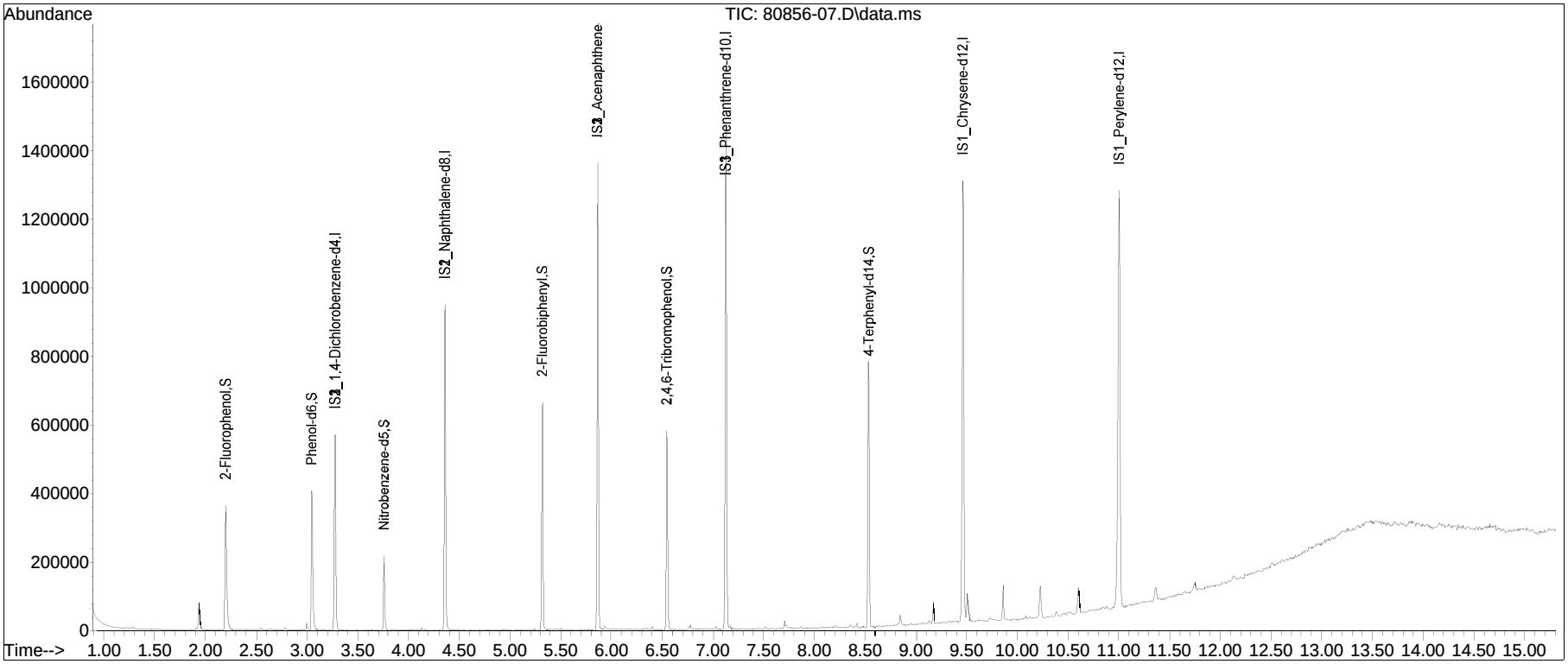
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260102\
Data File : 80856-07.D
Acq On : 2 Jan 2026 7:50 pm
Operator : Mork:imk
Sample : L2580856-07,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 05 09:28:39 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 12:38:39 2026
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAAP90102.D•



Manual Integration Report

Data Path	: I:\8270\Mork\260102\	QMethod	: FS251209Mork.m
Data File	: 80856-07.D	Operator	: Mork:imk
Date Inj'd	: 1/2/2026 7:50 pm	Instrument	: Mork
Sample	: L2580856-07,32,,gmr	Quant Date	: 1/2/2026 8:05 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\Mork\260102\
Data File : 80856-07.D
Acq On : 2 Jan 2026 7:50 pm
Operator : Mork:imk
Sample : L2580856-07,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 24 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.001 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\Mork\260102\FS251209Mork.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 80856-07.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.933	175	179	186	rVB	80597	99882	6.16%	1.023%
2	2.197	221	224	237	rVB	362496	367106	22.65%	3.761%
3	2.997	357	360	365	rBV	21272	20586	1.27%	0.211%
4	3.044	365	368	378	rBV	405485	405003	24.99%	4.149%
5	3.279	404	408	417	rVB	570447	528190	32.59%	5.411%
6	3.760	487	490	498	rBV	217146	176291	10.88%	1.806%
7	4.360	589	592	595	rBV	950507	693395	42.78%	7.104%
8	5.317	751	755	758	rBV	664666	516948	31.89%	5.296%
9	5.864	845	848	851	rBV	1361835	1005568	62.04%	10.302%
10	6.545	961	964	971	rBV	579623	466522	28.78%	4.779%
11	7.127	1059	1063	1067	rBV	1471053	1210483	74.68%	12.401%
12	7.709	1158	1162	1164	rBV	22682	22074	1.36%	0.226%
13	8.531	1299	1302	1306	rBV	775804	699626	43.16%	7.168%
14	8.843	1350	1355	1361	rBV2	28443	29869	1.84%	0.306%
15	9.172	1407	1411	1414	rVB	64181	59497	3.67%	0.610%
16	9.466	1456	1461	1466	rBV	1286105	1382816	85.31%	14.167%
17	9.507	1466	1468	1474	rVB	81683	92434	5.70%	0.947%
18	9.865	1524	1529	1533	rBV	102106	116811	7.21%	1.197%
19	10.229	1587	1591	1596	rVB	91174	106242	6.55%	1.088%
20	10.605	1650	1655	1659	rBV	74332	95344	5.88%	0.977%
21	11.005	1715	1723	1730	rBV	1216140	1620945	100.00%	16.606%
22	11.363	1781	1784	1788	rVB2	35558	45434	2.80%	0.465%

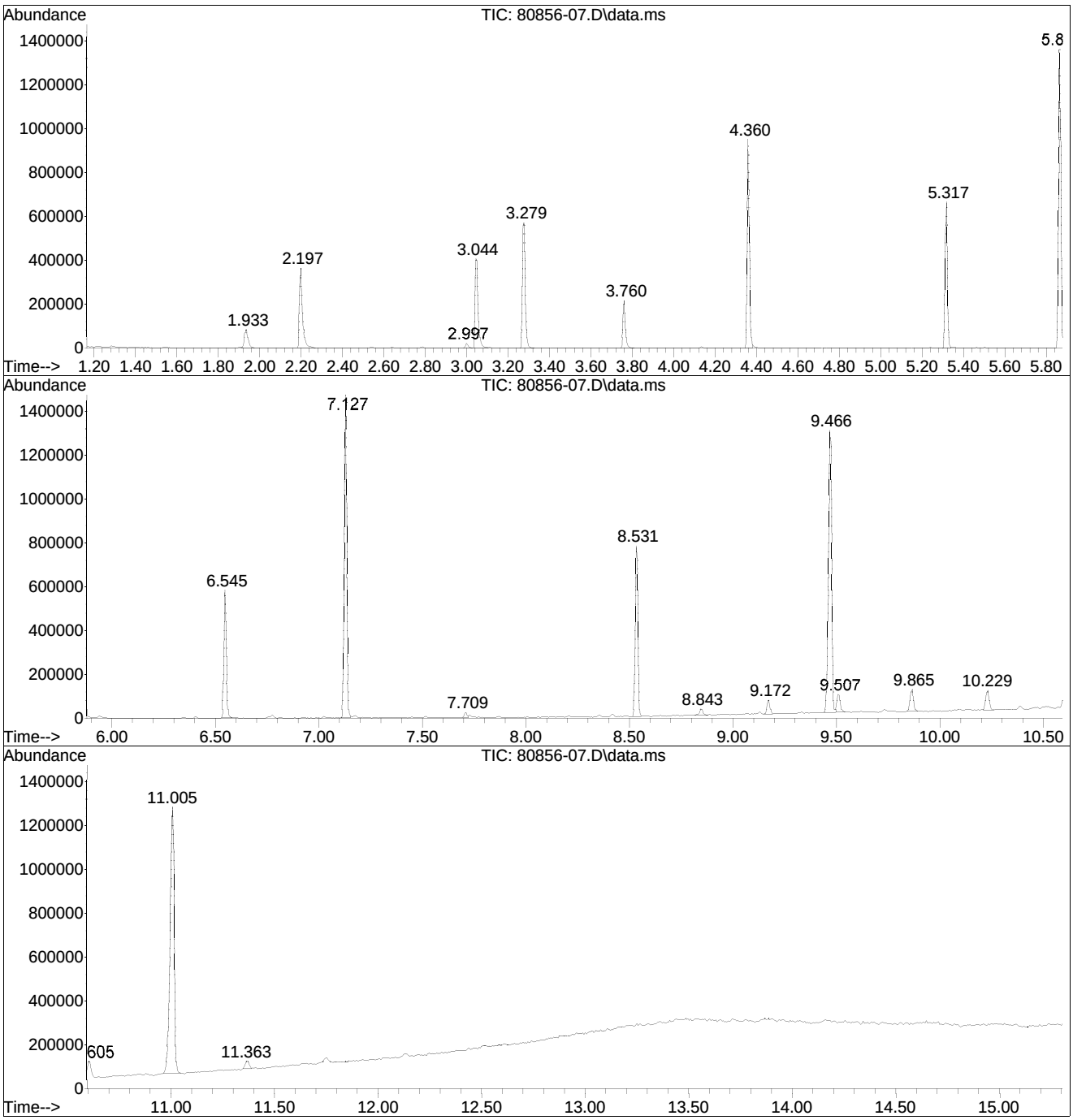
Sum of corrected areas: 9761066

LSC Report - Integrated Chromatogram

Data Path : I:\8270\Mork\260102\
Data File : 80856-07.D
Acq On : 2 Jan 2026 7:50 pm
Operator : Mork:imk
Sample : L2580856-07,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 24 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : I:\8270\Mork\260102\
Data File : 80856-07.D
Acq On : 2 Jan 2026 7:50 pm
Operator : Mork:imk
Sample : L2580856-07,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 24 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

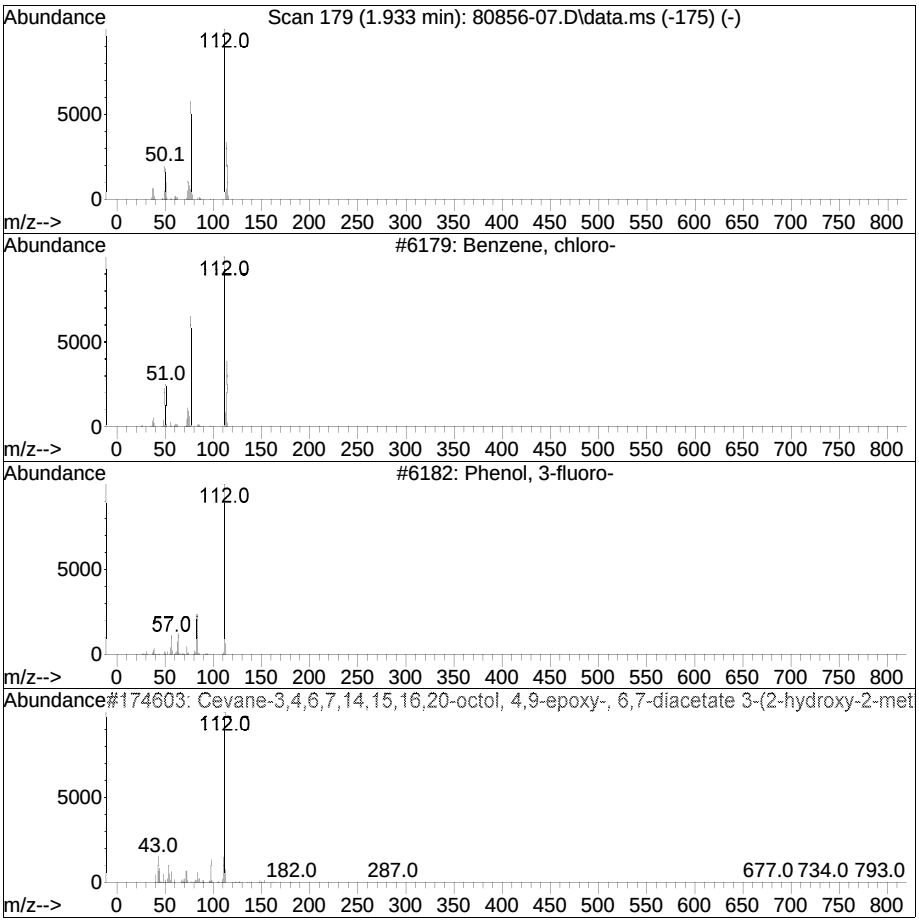
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

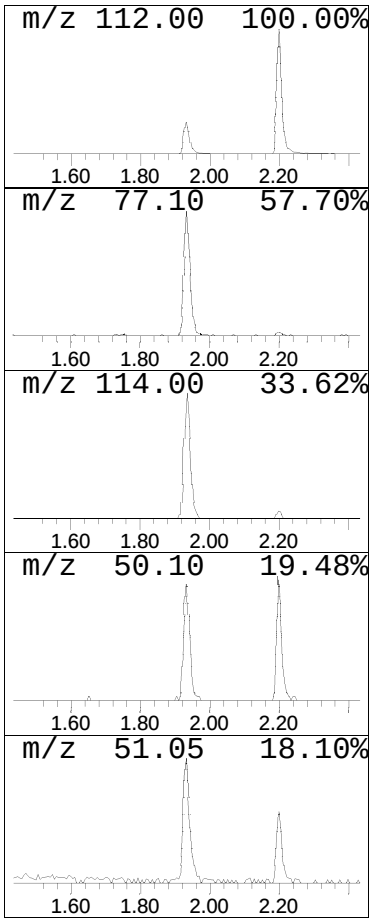
****

Peak Number 1 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.933	7.56 ug/ml	99882	IS2_1,4-Dichlorobenzene-d4	3.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	97
2	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	35
3	Cevane-3,4,6,7,14,15,16,20-octol...	793	C41H63NO14	000143-57-7	17
4	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	17
5	2-Furancarboxylic acid	112	C5H4O3	000088-14-2	16





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\Mork\260102\
Data File : 80856-07.D
Acq On : 2 Jan 2026 7:50 pm
Operator : Mork:imk
Sample : L2580856-07,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 24 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, chloro-	1.933	7.6	ug/ml	99882	1	3.279	528190	40.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260102\
Data File : 80856-06.D
Acq On : 2 Jan 2026 8:10 pm
Operator : Mork:imk
Sample : L2580856-06,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 05 09:36:48 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 12:38:41 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260102\ABN0102.D
: 2 - I:\8270\Mork\260102\ADP0102.D
: 3 - I:\8270\Mork\260102\AP90102.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.273	152	92591	40.000	ug/ml		0.00
Standard Area 1 = 90358			Recovery = 102.47%				
27) IS2_1,4-Dichlorobenzen...	3.273	152	92591	40.000	ug/ml		0.00
Standard Area 3 = 80544			Recovery = 114.96%				
32) IS3_1,4-Dichlorobenzen...	3.273	152	92591	40.000	ug/ml		0.00
Standard Area 2 = 83428			Recovery = 110.98%				
35) IS1_Naphthalene-d8	4.360	136	358574	40.000	ug/ml	#	0.00
Standard Area 1 = 342813			Recovery = 104.60%				
55) IS2_Naphthalene-d8	4.360	136	358574	40.000	ug/ml	#	0.00
Standard Area 3 = 296340			Recovery = 121.00%				
63) IS1_Acenaphthene-d10	5.864	164	221320	40.000	ug/ml		0.00
Standard Area 1 = 203625			Recovery = 108.69%				
83) IS2_Acenaphthene-d10	5.864	164	221320	40.000	ug/ml		0.00
Standard Area 3 = 173471			Recovery = 127.58%				
86) IS3_Acenaphthene-d10	5.864	164	221320	40.000	ug/ml		0.00
Standard Area 2 = 184014			Recovery = 120.27%				
88) IS1_Phenanthrene-d10	7.127	188	471224	40.000	ug/ml	#	0.00
Standard Area 1 = 439806			Recovery = 107.14%				
100) IS3_Phenanthrene-d10	7.127	188	471224	40.000	ug/ml	#	0.00
Standard Area 2 = 413356			Recovery = 114.00%				
104) IS1_Chrysene-d12	9.466	240	466701	40.000	ug/ml		0.00
Standard Area 1 = 516716			Recovery = 90.32%				
113) IS1_Perylene-d12	11.005	264	539774	40.000	ug/ml		0.01
Standard Area 1 = 654978			Recovery = 82.41%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.198	112	97777	43.949	ug/ml		0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 87.90%				
7) Phenol-d6	3.044	99	127849	46.349	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 92.70%				
19) Nitrobenzene-d5	3.760	82	55601	22.559	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 90.24%				
46) 2-Fluorobiphenyl	5.317	172	154194	17.644	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 70.58%				
79) 2,4,6-Tribromophenol	6.545	330	56138	31.656	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 63.31%				

Data Path : I:\8270\Mork\260102\
Data File : 80856-06.D
Acq On : 2 Jan 2026 8:10 pm
Operator : Mork:imk
Sample : L2580856-06,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 05 09:36:48 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 12:38:41 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260102\ABN0102.D
: 2 - I:\8270\Mork\260102\ADP0102.D
: 3 - I:\8270\Mork\260102\AP90102.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	8.531	244	190352	14.739	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 58.96%

Target Compounds					Qvalue
6) 2-Chlorophenol	3.108	128	8744m	3.285	ug/ml
8) Phenol	0.000		0	N.D.	
9) Bis(2-chloroethyl)ether	0.000		0	N.D.	
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.	
15) 2-Methylphenol	0.000		0	N.D.	
16) Hexachloroethane	0.000		0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	d
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.	
20) Nitrobenzene	0.000		0	N.D.	
21) Isophorone	0.000		0	N.D.	d
22) 2-Nitrophenol	0.000		0	N.D.	
23) 2,4-Dimethylphenol	0.000		0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.	
25) 2,4-Dichlorophenol	0.000		0	N.D.	
28) Benzaldehyde	0.000		0	N.D.	
29) Acetophenone	0.000		0	N.D.	
36) Naphthalene	0.000		0	N.D.	d
38) 4-Chloroaniline	0.000		0	N.D.	d
39) Hexachlorobutadiene	0.000		0	N.D.	
40) p-Chloro-m-cresol	0.000		0	N.D.	
41) 2-Methylnaphthalene	0.000		0	N.D.	
43) Hexachlorocyclopentadiene	0.000		0	N.D.	
44) 2,4,6-Trichlorophenol	0.000		0	N.D.	
45) 2,4,5-Trichlorophenol	0.000		0	N.D.	
47) 2-Chloronaphthalene	0.000		0	N.D.	
48) 2-Nitroaniline	0.000		0	N.D.	
51) Dimethyl phthalate	0.000		0	N.D.	d
52) Acenaphthylene	0.000		0	N.D.	d
53) 2,6-Dinitrotoluene	0.000		0	N.D.	d
60) Caprolactam	0.000		0	N.D.	d
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.	
62) Biphenyl	0.000		0	N.D.	
64) 3-Nitroaniline	0.000		0	N.D.	

Data Path : I:\8270\Mork\260102\
Data File : 80856-06.D
Acq On : 2 Jan 2026 8:10 pm
Operator : Mork:imk
Sample : L2580856-06,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 05 09:36:48 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 12:38:41 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260102\ABN0102.D
: 2 - I:\8270\Mork\260102\ADP0102.D
: 3 - I:\8270\Mork\260102\AP90102.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Acenaphthene	0.000		0	N.D.	d	
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	0.000		0	N.D.		
68) 2,4-Dinitrotoluene	0.000		0	N.D.	d	
69) 4-Nitrophenol	0.000		0	N.D.		
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		
73) Fluorene	0.000		0	N.D.	d	
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75) 4-Nitroaniline	0.000		0	N.D.		
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.		
77) NDPA/DPA	0.000		0	N.D.	d	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.	d	
81) Hexachlorobenzene	0.000		0	N.D.		
82) Pentachlorophenol	0.000		0	N.D.		
87) Atrazine	0.000		0	N.D.		
89) Phenanthrene	0.000		0	N.D.	d	
90) Anthracene	0.000		0	N.D.	d	
91) Carbazole	0.000		0	N.D.		
92) Di-n-butylphthalate	0.000		0	N.D.		
93) Fluoranthene	0.000		0	N.D.	d	
95) Pyrene	0.000		0	N.D.	d	
97) Butyl benzyl phthalate	0.000		0	N.D.	d	
105) Benzo(a)anthracene	0.000		0	N.D.	d	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
107) Chrysene	0.000		0	N.D.	d	
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
109) Di-n-octylphthalate	0.000		0	N.D.	d	
110) Benzo(b)fluoranthene	0.000		0	N.D.	d	
111) Benzo(k)fluoranthene	0.000		0	N.D.	d	
112) Benzo(a)pyrene	0.000		0	N.D.	d	
114) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	d	
115) Dibenzo(a,h)anthracene	0.000		0	N.D.		
116) Benzo(ghi)perylene	0.000		0	N.D.	d	

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260102\
Data File : 80856-06.D
Acq On : 2 Jan 2026 8:10 pm
Operator : Mork:imk
Sample : L2580856-06,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 05 09:36:48 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 12:38:41 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260102\ABN0102.D
: 2 - I:\8270\Mork\260102\ADP0102.D
: 3 - I:\8270\Mork\260102\AP90102.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

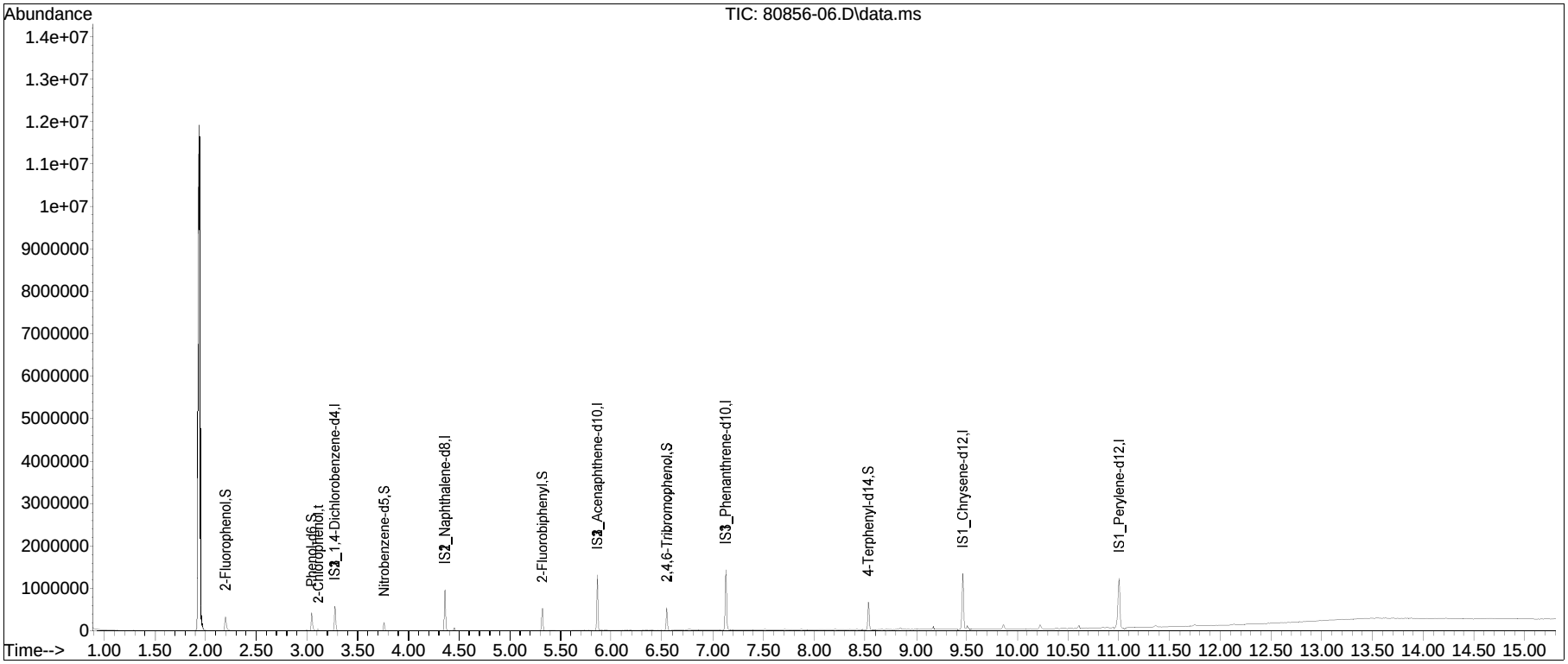
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

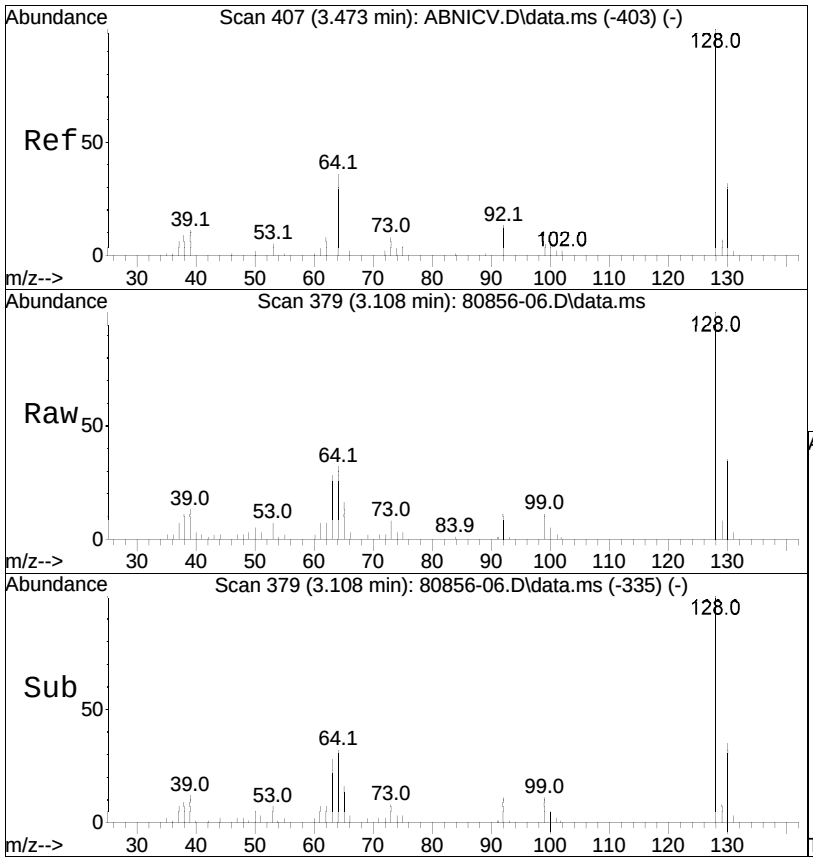
Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260102\
Data File : 80856-06.D
Acq On : 2 Jan 2026 8:10 pm
Operator : Mork:imk
Sample : L2580856-06,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 05 09:36:48 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 12:38:41 2026
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAAP90102.D•

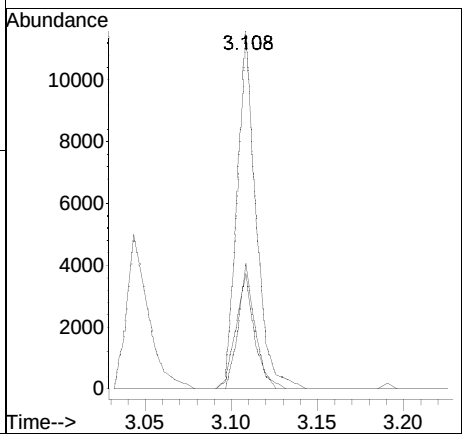




#6
2-Chlorophenol
Concen: 3.28 ug/ml m
RT: 3.108 min Scan# 379
Delta R.T. 0.006 min
Lab File: 80856-06.D
Acq: 2 Jan 2026 8:10 pm

Tgt Ion:128 Resp: 8744

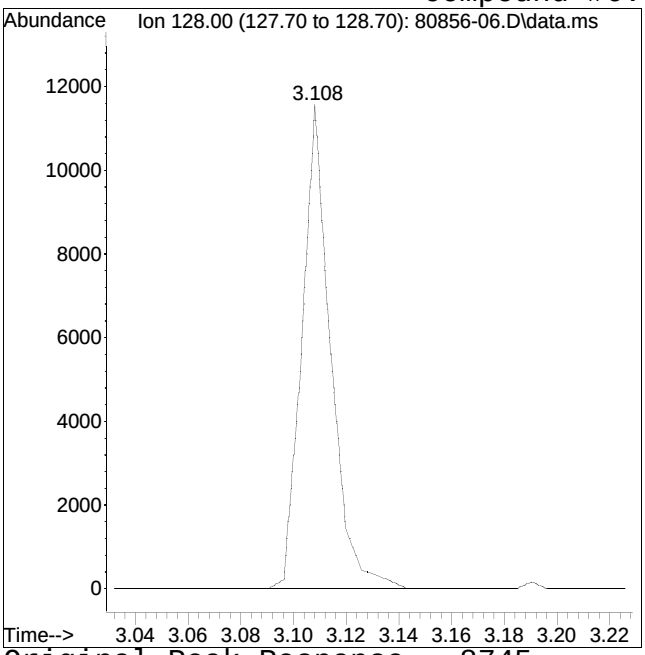
Ion	Ratio	Lower	Upper
128	100		
64	31.7	33.5	50.3#
130	31.5	25.9	38.9



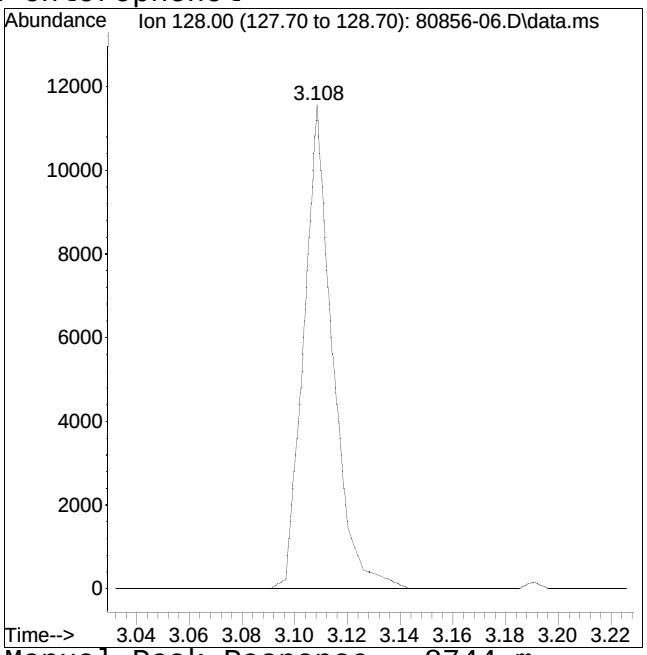
Manual Integration Report

Data Path	: I:\8270\Mork\260102\	QMethod	: FS251209Mork.m
Data File	: 80856-06.D	Operator	: Mork:imk
Date Inj'd	: 1/2/2026 8:10 pm	Instrument	: Mork
Sample	: L2580856-06,32,,gmr	Quant Date	: 1/5/2026 9:36 am

Compound #6: 2-Chlorophenol



Original Peak Response = 8745



Manual Peak Response = 8744 m

LSC Area Percent Report

Data Path : I:\8270\Mork\260102\
Data File : 80856-06.D
Acq On : 2 Jan 2026 8:10 pm
Operator : Mork:imk
Sample : L2580856-06,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 25 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.001 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\Mork\260102\FS251209Mork.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 80856-06.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.939	174	180	183	rBV	11910972	14705861	100.00%	63.477%
2	2.198	221	224	236	rBV	335583	335110	2.28%	1.446%
3	3.044	365	368	376	rBV	427790	376345	2.56%	1.624%
4	3.273	404	407	417	rBV	580573	508336	3.46%	2.194%
5	3.760	487	490	503	rVB	197483	164785	1.12%	0.711%
6	4.360	589	592	604	rBV	967535	685806	4.66%	2.960%
7	5.317	751	755	758	rBV	526927	431954	2.94%	1.865%
8	5.864	844	848	851	rBV	1305046	961623	6.54%	4.151%
9	6.546	961	964	973	rVB	533173	430043	2.92%	1.856%
10	7.127	1059	1063	1068	rBV	1429057	1179398	8.02%	5.091%
11	8.531	1299	1302	1306	rBV	654022	548741	3.73%	2.369%
12	9.466	1456	1461	1465	rBV	1315600	1308804	8.90%	5.649%
13	11.005	1716	1723	1732	rVB	1174427	1530277	10.41%	6.605%

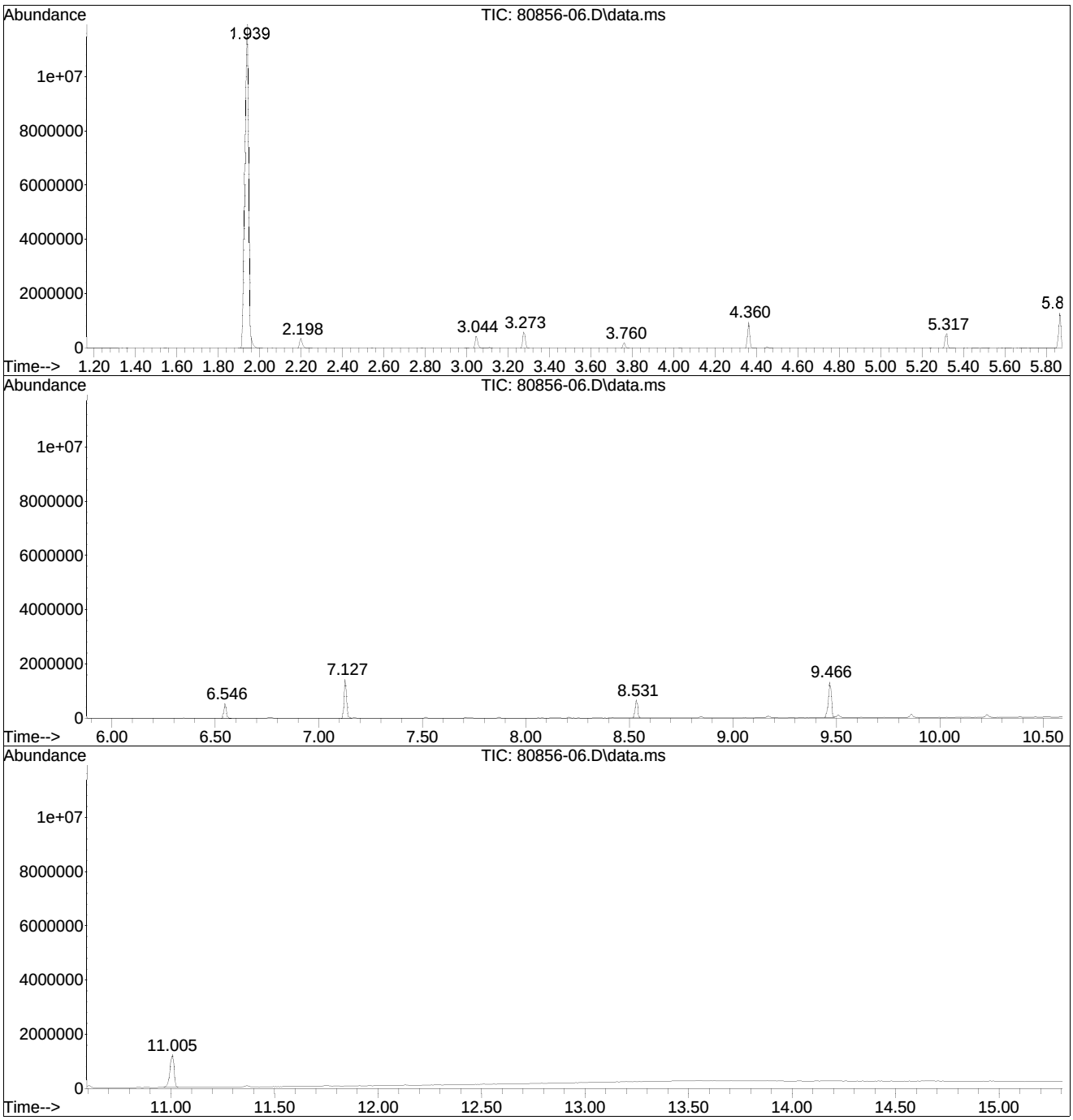
Sum of corrected areas: 23167083

LSC Report - Integrated Chromatogram

Data Path : I:\8270\Mork\260102\
Data File : 80856-06.D
Acq On : 2 Jan 2026 8:10 pm
Operator : Mork:imk
Sample : L2580856-06,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 25 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : I:\8270\Mork\260102\
Data File : 80856-06.D
Acq On : 2 Jan 2026 8:10 pm
Operator : Mork:imk
Sample : L2580856-06,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 25 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

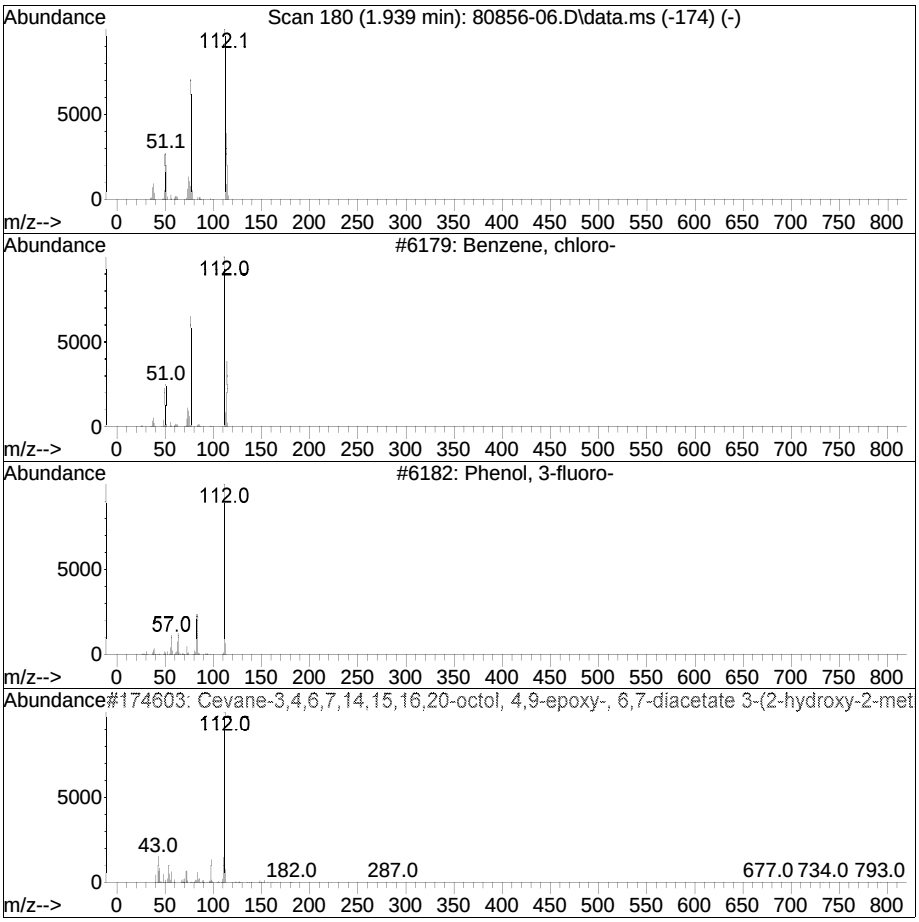
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

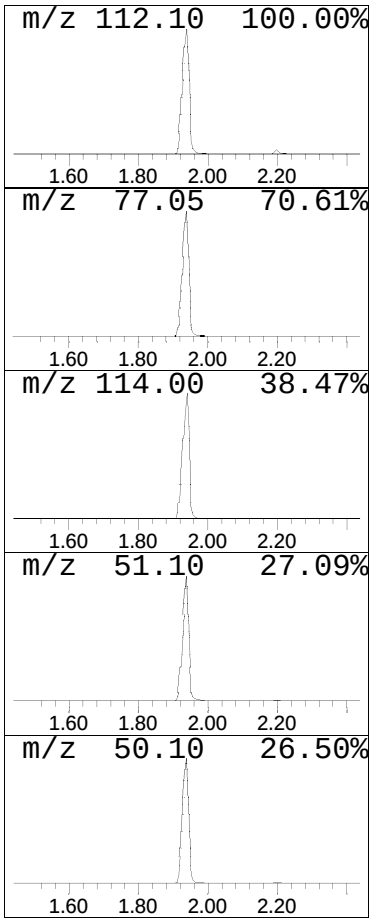
****

Peak Number 1 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.939	1157.18 ug/ml	14705900	IS2_1,4-Dichlorobenzene-d4	3.273

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	22
3	Cevane-3,4,6,7,14,15,16,20-octol...	793	C41H63NO14	000143-57-7	16
4	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	12
5	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	12





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\Mork\260102\
Data File : 80856-06.D
Acq On : 2 Jan 2026 8:10 pm
Operator : Mork:imk
Sample : L2580856-06,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 25 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, chloro-	1.939	1157.2	ug/ml	14705900	1	3.273	508336	40.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260102\
Data File : 80856-05.D
Acq On : 2 Jan 2026 8:29 pm
Operator : Mork:imk
Sample : L2580856-05,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 05 11:17:10 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 12:38:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260102\ABN0102.D
: 2 - I:\8270\Mork\260102\ADP0102.D
: 3 - I:\8270\Mork\260102\AP90102.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.279	152	95925	40.000	ug/ml		0.00
Standard Area 1 = 90358			Recovery = 106.16%				
27) IS2_1,4-Dichlorobenzen...	3.279	152	95925	40.000	ug/ml		0.00
Standard Area 3 = 80544			Recovery = 119.10%				
32) IS3_1,4-Dichlorobenzen...	3.279	152	95925	40.000	ug/ml		0.00
Standard Area 2 = 83428			Recovery = 114.98%				
35) IS1_Naphthalene-d8	4.360	136	377446	40.000	ug/ml	#	0.00
Standard Area 1 = 342813			Recovery = 110.10%				
55) IS2_Naphthalene-d8	4.360	136	377446	40.000	ug/ml	#	0.00
Standard Area 3 = 296340			Recovery = 127.37%				
63) IS1_Acenaphthene-d10	5.864	164	238245	40.000	ug/ml		0.00
Standard Area 1 = 203625			Recovery = 117.00%				
83) IS2_Acenaphthene-d10	5.864	164	238245	40.000	ug/ml		0.00
Standard Area 3 = 173471			Recovery = 137.34%				
86) IS3_Acenaphthene-d10	5.864	164	238245	40.000	ug/ml		0.00
Standard Area 2 = 184014			Recovery = 129.47%				
88) IS1_Phenanthrene-d10	7.127	188	493222	40.000	ug/ml	#	0.00
Standard Area 1 = 439806			Recovery = 112.15%				
100) IS3_Phenanthrene-d10	7.127	188	493222	40.000	ug/ml	#	0.00
Standard Area 2 = 413356			Recovery = 119.32%				
104) IS1_Chrysene-d12	9.466	240	491864	40.000	ug/ml		0.00
Standard Area 1 = 516716			Recovery = 95.19%				
113) IS1_Perylene-d12	11.005	264	570256	40.000	ug/ml		0.01
Standard Area 1 = 654978			Recovery = 87.06%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.198	112	102677	44.547	ug/ml		0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 89.09%				
7) Phenol-d6	3.044	99	127852	44.739	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 89.48%				
19) Nitrobenzene-d5	3.761	82	55243	21.635	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.54%				
46) 2-Fluorobiphenyl	5.318	172	167834	18.245	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 72.98%				
79) 2,4,6-Tribromophenol	6.546	330	59441	31.137	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 62.27%				

Data Path : I:\8270\Mork\260102\
Data File : 80856-05.D
Acq On : 2 Jan 2026 8:29 pm
Operator : Mork:imk
Sample : L2580856-05,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 05 11:17:10 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 12:38:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260102\ABN0102.D
: 2 - I:\8270\Mork\260102\ADP0102.D
: 3 - I:\8270\Mork\260102\AP90102.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	8.531	244	226152	16.730	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 66.92%

Target Compounds						Qvalue
6) 2-Chlorophenol	3.108	128	1117	0.405	ug/ml#	70
8) Phenol	0.000		0	N.D.		
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		
15) 2-Methylphenol	0.000		0	N.D.		
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	d	
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.	d	
22) 2-Nitrophenol	0.000		0	N.D.		
23) 2,4-Dimethylphenol	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
25) 2,4-Dichlorophenol	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
36) Naphthalene	0.000		0	N.D.	d	
38) 4-Chloroaniline	0.000		0	N.D.		
39) Hexachlorobutadiene	0.000		0	N.D.		
40) p-Chloro-m-cresol	0.000		0	N.D.		
41) 2-Methylnaphthalene	0.000		0	N.D.		
43) Hexachlorocyclopentadiene	0.000		0	N.D.		
44) 2,4,6-Trichlorophenol	0.000		0	N.D.		
45) 2,4,5-Trichlorophenol	0.000		0	N.D.		
47) 2-Chloronaphthalene	0.000		0	N.D.		
48) 2-Nitroaniline	0.000		0	N.D.		
51) Dimethyl phthalate	0.000		0	N.D.	d	
52) Acenaphthylene	0.000		0	N.D.	d	
53) 2,6-Dinitrotoluene	0.000		0	N.D.	d	
60) Caprolactam	0.000		0	N.D.		
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
62) Biphenyl	0.000		0	N.D.		
64) 3-Nitroaniline	0.000		0	N.D.		

Data Path : I:\8270\Mork\260102\
Data File : 80856-05.D
Acq On : 2 Jan 2026 8:29 pm
Operator : Mork:imk
Sample : L2580856-05,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 05 11:17:10 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 12:38:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260102\ABN0102.D
: 2 - I:\8270\Mork\260102\ADP0102.D
: 3 - I:\8270\Mork\260102\AP90102.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Acenaphthene	0.000		0	N.D.	d	
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	0.000		0	N.D.		
68) 2,4-Dinitrotoluene	0.000		0	N.D.	d	
69) 4-Nitrophenol	0.000		0	N.D.		
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		
73) Fluorene	0.000		0	N.D.	d	
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75) 4-Nitroaniline	0.000		0	N.D.		
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.		
77) NDPA/DPA	0.000		0	N.D.	d	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.	d	
81) Hexachlorobenzene	0.000		0	N.D.		
82) Pentachlorophenol	0.000		0	N.D.		
87) Atrazine	0.000		0	N.D.		
89) Phenanthrene	0.000		0	N.D.	d	
90) Anthracene	0.000		0	N.D.	d	
91) Carbazole	0.000		0	N.D.		
92) Di-n-butylphthalate	0.000		0	N.D.		
93) Fluoranthene	0.000		0	N.D.	d	
95) Pyrene	0.000		0	N.D.	d	
97) Butyl benzyl phthalate	0.000		0	N.D.		
105) Benzo(a)anthracene	0.000		0	N.D.	d	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
107) Chrysene	0.000		0	N.D.	d	
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
109) Di-n-octylphthalate	0.000		0	N.D.	d	
110) Benzo(b)fluoranthene	0.000		0	N.D.	d	
111) Benzo(k)fluoranthene	0.000		0	N.D.	d	
112) Benzo(a)pyrene	0.000		0	N.D.	d	
114) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	d	
115) Dibenzo(a,h)anthracene	0.000		0	N.D.	d	
116) Benzo(ghi)perylene	0.000		0	N.D.	d	

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260102\
Data File : 80856-05.D
Acq On : 2 Jan 2026 8:29 pm
Operator : Mork:imk
Sample : L2580856-05,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 05 11:17:10 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 12:38:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260102\ABN0102.D
: 2 - I:\8270\Mork\260102\ADP0102.D
: 3 - I:\8270\Mork\260102\AP90102.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260102\
Data File : 80856-05.D
Acq On : 2 Jan 2026 8:29 pm
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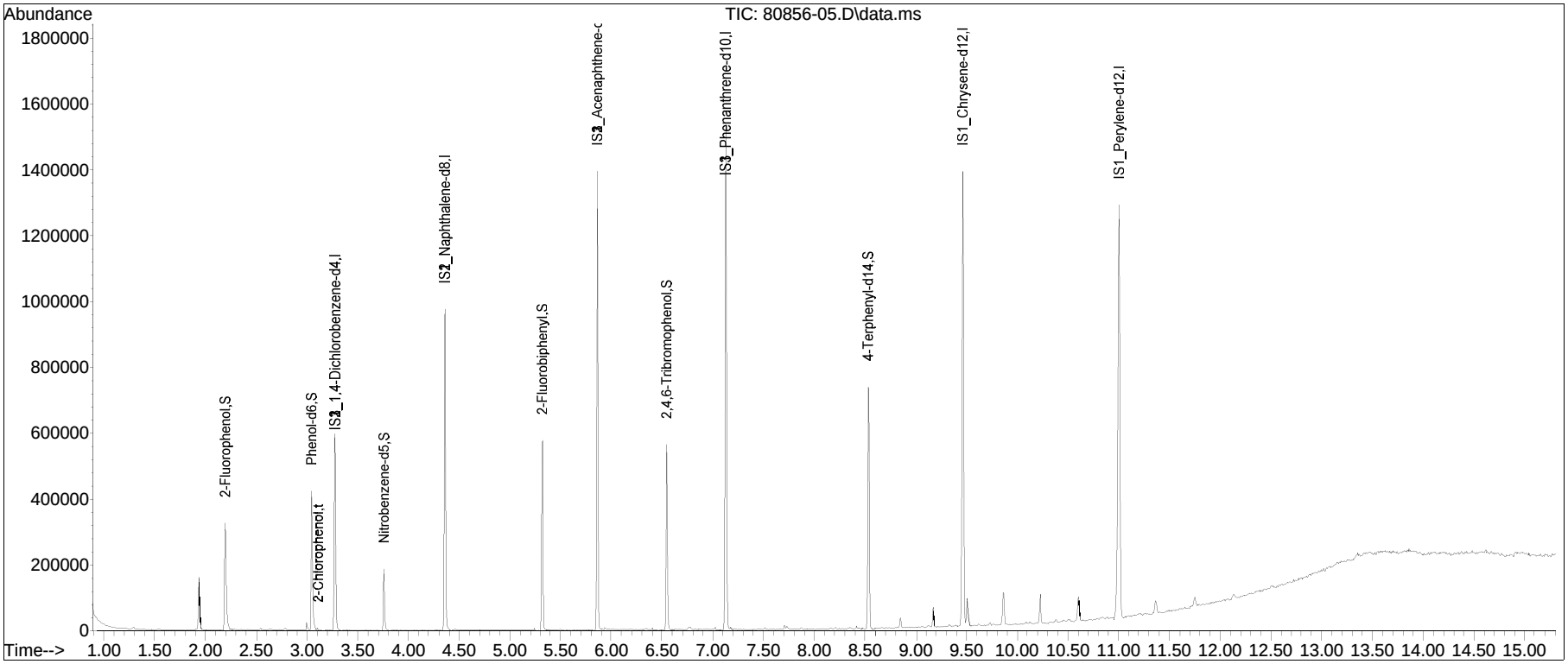
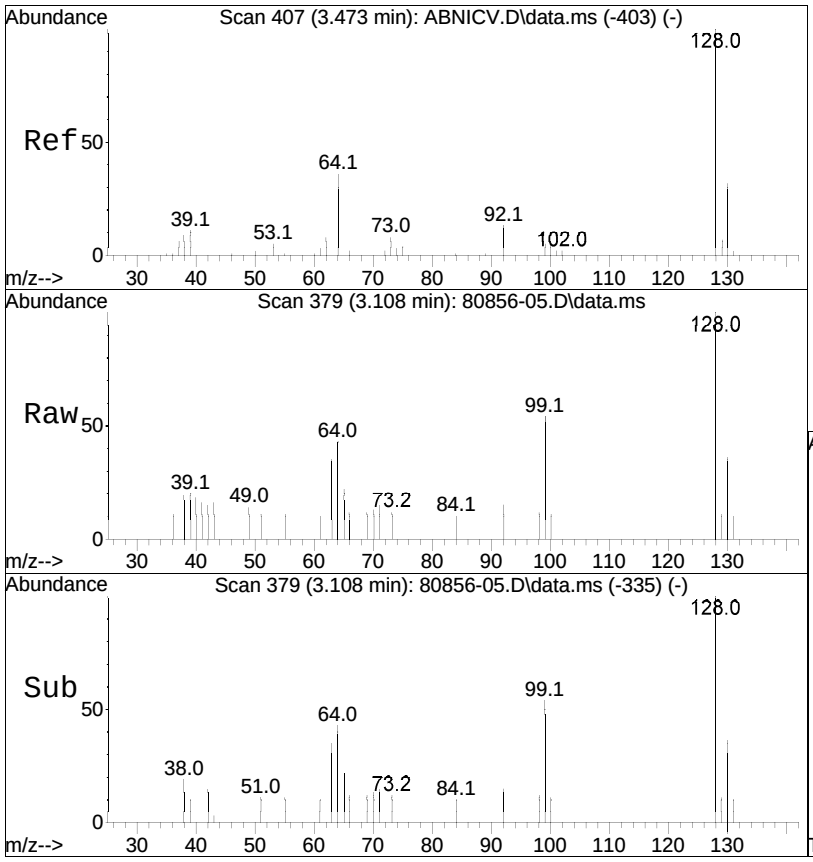
Sample : L2580856-05,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jan 05 11:17:10 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 12:38:39 2026
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAAP90102.D•

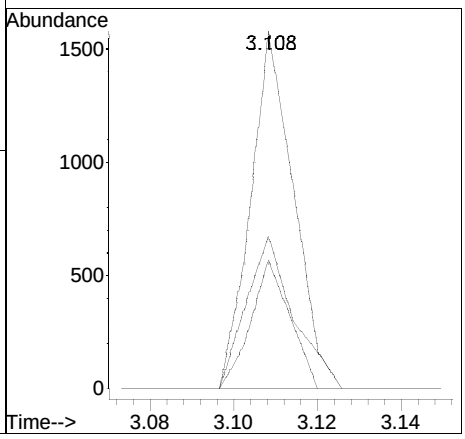




#6
2-Chlorophenol
Concen: 0.41 ug/ml
RT: 3.108 min Scan# 379
Delta R.T. 0.006 min
Lab File: 80856-05.D
Acq: 2 Jan 2026 8:29 pm

Tgt Ion:128 Resp: 1117

Ion	Ratio	Lower	Upper
128	100		
64	46.7	33.5	50.3
130	0.0	25.9	38.9#



Manual Integration Report

Data Path	: I:\8270\Mork\260102\	QMethod	: FS251209Mork.m
Data File	: 80856-05.D	Operator	: Mork:imk
Date Inj'd	: 1/2/2026 8:29 pm	Instrument	: Mork
Sample	: L2580856-05,32,,gmr	Quant Date	: 1/2/2026 8:45 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\Mork\260102\
Data File : 80856-05.D
Acq On : 2 Jan 2026 8:29 pm
Operator : Mork:imk
Sample : L2580856-05,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 26 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.001 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\Mork\260102\FS251209Mork.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 80856-05.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.933	175	179	189	rVB	159944	188163	11.42%	1.934%
2	2.198	221	224	237	rBV	326091	350009	21.24%	3.598%
3	2.997	357	360	365	rBV	24024	21101	1.28%	0.217%
4	3.044	365	368	376	rBV	421825	373793	22.69%	3.842%
5	3.273	404	407	415	rBV	598033	532129	32.30%	5.470%
6	3.761	487	490	502	rVB	185563	157887	9.58%	1.623%
7	4.360	589	592	602	rBV	975492	719839	43.69%	7.399%
8	5.318	751	755	758	rBV	577696	475183	28.84%	4.884%
9	5.864	844	848	851	rBV	1393335	1005316	61.02%	10.334%
10	6.546	961	964	971	rVB	563023	445134	27.02%	4.576%
11	7.127	1059	1063	1067	rBV	1533626	1219660	74.03%	12.537%
12	8.531	1298	1302	1306	rBV	734667	632386	38.38%	6.500%
13	8.843	1352	1355	1359	rVB	29391	24939	1.51%	0.256%
14	9.172	1407	1411	1416	rVB	58411	61780	3.75%	0.635%
15	9.466	1456	1461	1465	rBV	1380910	1372501	83.31%	14.108%
16	9.507	1465	1468	1473	rVB	83926	92683	5.63%	0.953%
17	9.859	1523	1528	1532	rBV2	97492	118949	7.22%	1.223%
18	10.230	1586	1591	1595	rBV	87581	106025	6.44%	1.090%
19	10.606	1650	1655	1662	rVB	72112	96992	5.89%	0.997%
20	11.005	1714	1723	1731	rBV	1260056	1647511	100.00%	16.935%
21	11.364	1781	1784	1789	rVB	37573	50217	3.05%	0.516%
22	11.751	1846	1850	1853	rBV4	27780	36436	2.21%	0.375%

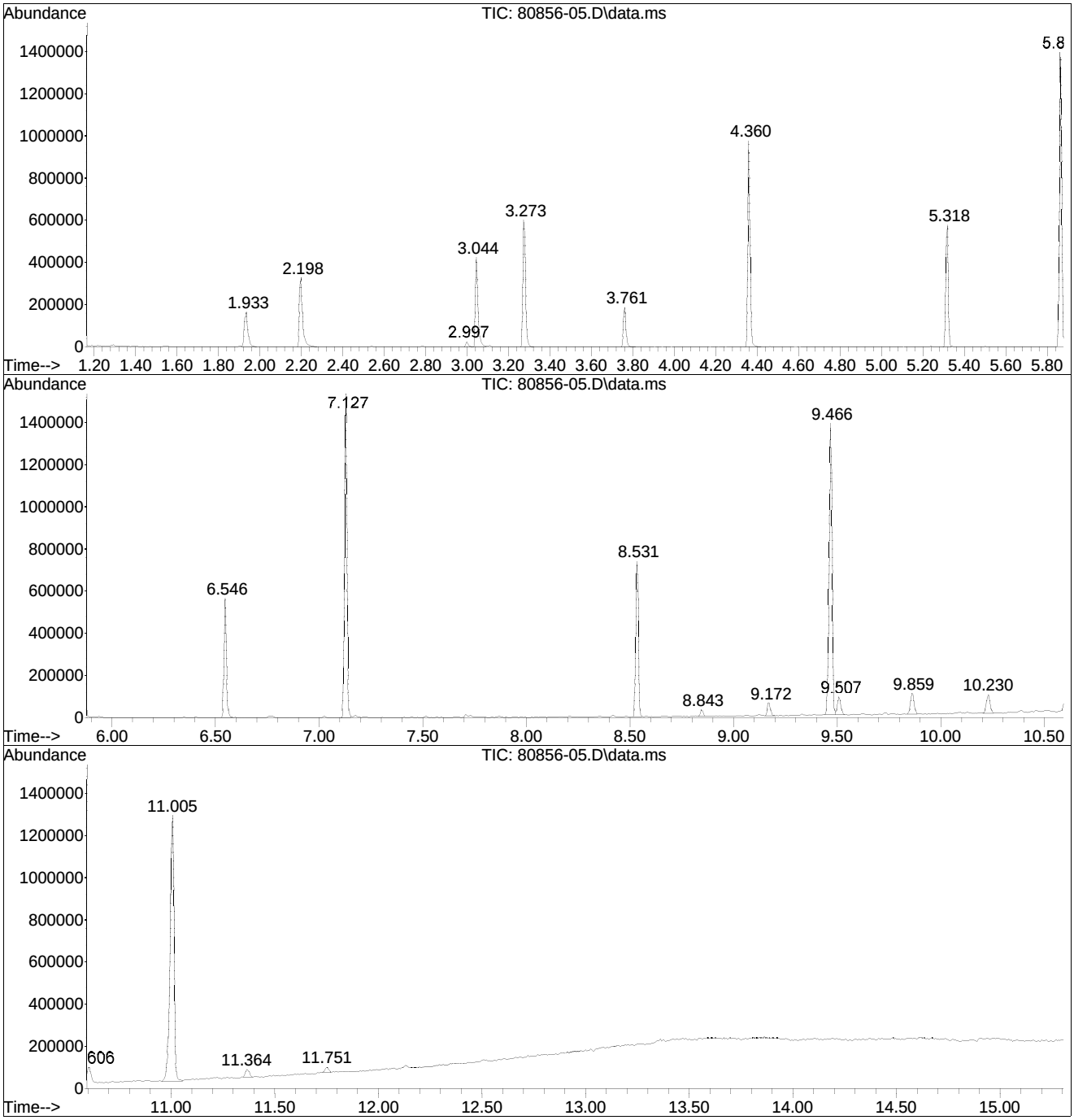
Sum of corrected areas: 9728633

LSC Report - Integrated Chromatogram

Data Path : I:\8270\Mork\260102\
Data File : 80856-05.D
Acq On : 2 Jan 2026 8:29 pm
Operator : Mork:imk
Sample : L2580856-05,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 26 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : I:\8270\Mork\260102\
Data File : 80856-05.D
Acq On : 2 Jan 2026 8:29 pm
Operator : Mork:imk
Sample : L2580856-05,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 26 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

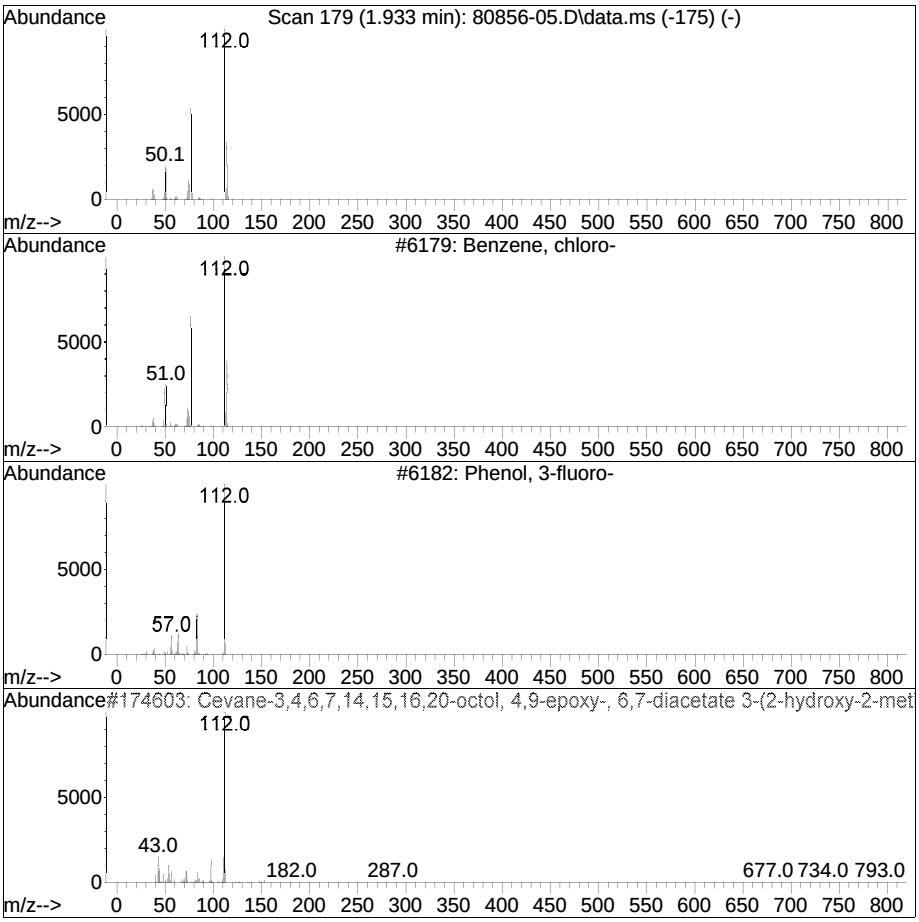
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

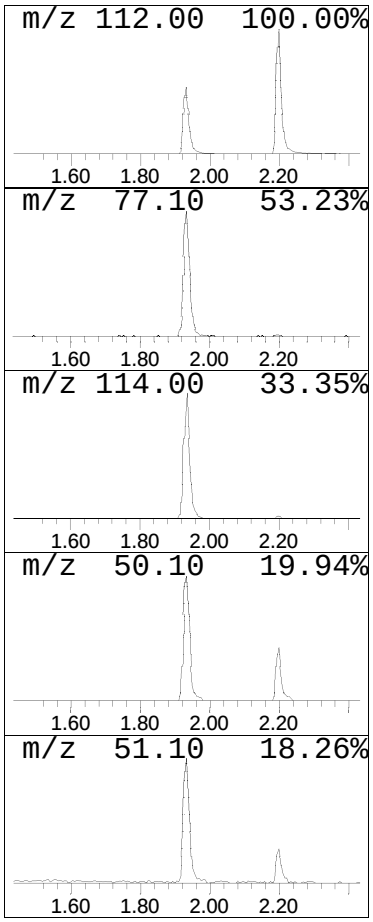
****

Peak Number 1 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.933	14.14 ug/ml	188163	IS2_1,4-Dichlorobenzene-d4	3.279

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
2	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	35
3	Cevane-3,4,6,7,14,15,16,20-octol...	793	C41H63NO14	000143-57-7	25
4	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	17
5	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	12





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\Mork\260102\
Data File : 80856-05.D
Acq On : 2 Jan 2026 8:29 pm
Operator : Mork:imk
Sample : L2580856-05,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 26 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, chloro-	1.933	14.1	ug/ml	188163	1	3.279	532129	40.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260102\
Data File : 80856-04.D
Acq On : 2 Jan 2026 8:49 pm
Operator : Mork:imk
Sample : L2580856-04,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 05 09:23:54 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 12:38:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260102\ABN0102.D
: 2 - I:\8270\Mork\260102\ADP0102.D
: 3 - I:\8270\Mork\260102\AP90102.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.273	152	99965	40.000	ug/ml		0.00
Standard Area 1 = 90358			Recovery = 110.63%				
27) IS2_1,4-Dichlorobenzen...	3.273	152	99965	40.000	ug/ml		0.00
Standard Area 3 = 80544			Recovery = 124.11%				
32) IS3_1,4-Dichlorobenzen...	3.273	152	99965	40.000	ug/ml		0.00
Standard Area 2 = 83428			Recovery = 119.82%				
35) IS1_Naphthalene-d8	4.360	136	393322	40.000	ug/ml	#	0.00
Standard Area 1 = 342813			Recovery = 114.73%				
55) IS2_Naphthalene-d8	4.360	136	393322	40.000	ug/ml	#	0.00
Standard Area 3 = 296340			Recovery = 132.73%				
63) IS1_Acenaphthene-d10	5.864	164	246943	40.000	ug/ml		0.00
Standard Area 1 = 203625			Recovery = 121.27%				
83) IS2_Acenaphthene-d10	5.864	164	246943	40.000	ug/ml		0.00
Standard Area 3 = 173471			Recovery = 142.35%				
86) IS3_Acenaphthene-d10	5.864	164	246943	40.000	ug/ml		0.00
Standard Area 2 = 184014			Recovery = 134.20%				
88) IS1_Phenanthrene-d10	7.127	188	513027	40.000	ug/ml		0.00
Standard Area 1 = 439806			Recovery = 116.65%				
100) IS3_Phenanthrene-d10	7.127	188	513027	40.000	ug/ml		0.00
Standard Area 2 = 413356			Recovery = 124.11%				
104) IS1_Chrysene-d12	9.466	240	526072	40.000	ug/ml		0.00
Standard Area 1 = 516716			Recovery = 101.81%				
113) IS1_Perylene-d12	11.005	264	619300	40.000	ug/ml		0.01
Standard Area 1 = 654978			Recovery = 94.55%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.198	112	103662	43.157	ug/ml		0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 86.31%				
7) Phenol-d6	3.044	99	128276	43.073	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 86.15%				
19) Nitrobenzene-d5	3.761	82	56392	21.192	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 84.77%				
46) 2-Fluorobiphenyl	5.318	172	156937	16.372	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 65.49%				
79) 2,4,6-Tribromophenol	6.546	330	57421	29.020	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 58.04%				

Data Path : I:\8270\Mork\260102\
Data File : 80856-04.D
Acq On : 2 Jan 2026 8:49 pm
Operator : Mork:imk
Sample : L2580856-04,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 05 09:23:54 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 12:38:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260102\ABN0102.D
: 2 - I:\8270\Mork\260102\ADP0102.D
: 3 - I:\8270\Mork\260102\AP90102.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	8.531	244	193362	13.752	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 55.01%

Target Compounds					Qvalue
6) 2-Chlorophenol	3.108	128	61355M2	21.349	ug/ml
8) Phenol	0.000		0	N.D.	d
9) Bis(2-chloroethyl)ether	0.000		0	N.D.	d
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.	
15) 2-Methylphenol	0.000		0	N.D.	
16) Hexachloroethane	0.000		0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	d
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.	
20) Nitrobenzene	0.000		0	N.D.	
21) Isophorone	0.000		0	N.D.	d
22) 2-Nitrophenol	0.000		0	N.D.	
23) 2,4-Dimethylphenol	0.000		0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.	
25) 2,4-Dichlorophenol	0.000		0	N.D.	
28) Benzaldehyde	0.000		0	N.D.	
29) Acetophenone	0.000		0	N.D.	
36) Naphthalene	0.000		0	N.D.	d
38) 4-Chloroaniline	0.000		0	N.D.	d
39) Hexachlorobutadiene	0.000		0	N.D.	
40) p-Chloro-m-cresol	0.000		0	N.D.	
41) 2-Methylnaphthalene	0.000		0	N.D.	
43) Hexachlorocyclopentadiene	0.000		0	N.D.	
44) 2,4,6-Trichlorophenol	0.000		0	N.D.	
45) 2,4,5-Trichlorophenol	0.000		0	N.D.	
47) 2-Chloronaphthalene	0.000		0	N.D.	
48) 2-Nitroaniline	0.000		0	N.D.	
51) Dimethyl phthalate	0.000		0	N.D.	d
52) Acenaphthylene	0.000		0	N.D.	d
53) 2,6-Dinitrotoluene	0.000		0	N.D.	d
60) Caprolactam	0.000		0	N.D.	d
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.	
62) Biphenyl	0.000		0	N.D.	
64) 3-Nitroaniline	0.000		0	N.D.	

Data Path : I:\8270\Mork\260102\
Data File : 80856-04.D
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Operator : Mork:imk
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Quant Time: Jan 05 09:23:54 2026
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Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 12:38:39 2026
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CCAL FILE(s) : 1 - I:\8270\Mork\260102\ABN0102.D
: 2 - I:\8270\Mork\260102\ADP0102.D
: 3 - I:\8270\Mork\260102\AP90102.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Acenaphthene	0.000		0	N.D.	d	
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	0.000		0	N.D.		
68) 2,4-Dinitrotoluene	0.000		0	N.D.	d	
69) 4-Nitrophenol	0.000		0	N.D.		
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		
73) Fluorene	0.000		0	N.D.	d	
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75) 4-Nitroaniline	0.000		0	N.D.		
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.		
77) NDPA/DPA	0.000		0	N.D.	d	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.	d	
81) Hexachlorobenzene	0.000		0	N.D.		
82) Pentachlorophenol	0.000		0	N.D.		
87) Atrazine	0.000		0	N.D.		
89) Phenanthrene	0.000		0	N.D.	d	
90) Anthracene	0.000		0	N.D.	d	
91) Carbazole	0.000		0	N.D.		
92) Di-n-butylphthalate	0.000		0	N.D.		
93) Fluoranthene	0.000		0	N.D.	d	
95) Pyrene	0.000		0	N.D.	d	
97) Butyl benzyl phthalate	0.000		0	N.D.		
105) Benzo(a)anthracene	0.000		0	N.D.	d	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
107) Chrysene	0.000		0	N.D.	d	
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
109) Di-n-octylphthalate	0.000		0	N.D.	d	
110) Benzo(b)fluoranthene	0.000		0	N.D.	d	
111) Benzo(k)fluoranthene	0.000		0	N.D.	d	
112) Benzo(a)pyrene	0.000		0	N.D.	d	
114) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	d	
115) Dibenzo(a,h)anthracene	0.000		0	N.D.		
116) Benzo(ghi)perylene	0.000		0	N.D.	d	

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260102\
Data File : 80856-04.D
Acq On : 2 Jan 2026 8:49 pm
Operator : Mork:imk
Sample : L2580856-04,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 05 09:23:54 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 12:38:39 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260102\ABN0102.D
: 2 - I:\8270\Mork\260102\ADP0102.D
: 3 - I:\8270\Mork\260102\AP90102.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

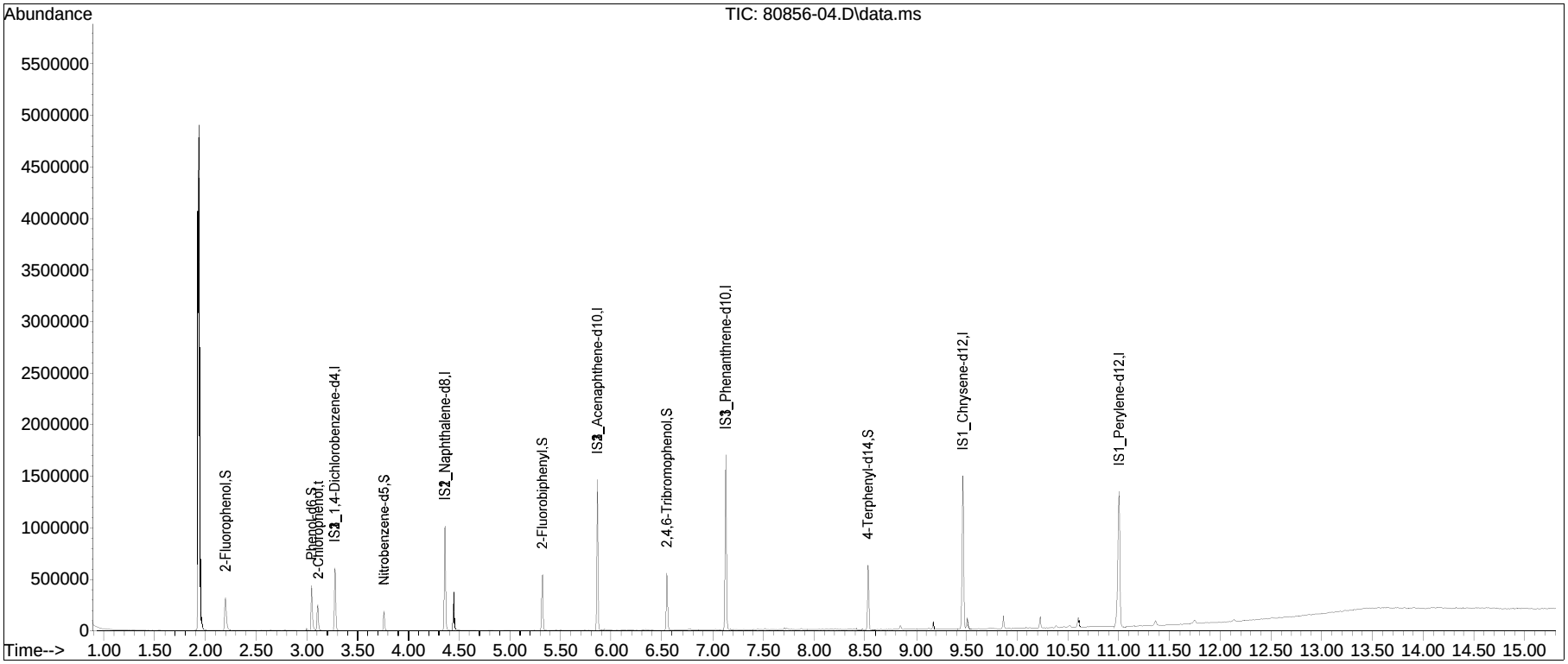
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

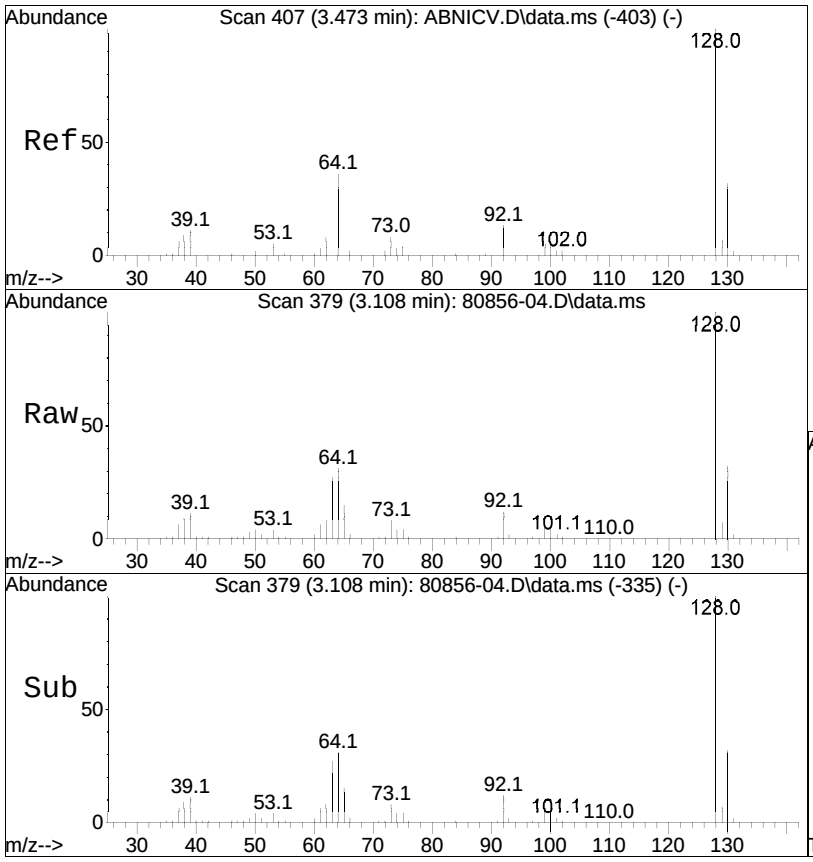
Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260102\
Data File : 80856-04.D
Acq On : 2 Jan 2026 8:49 pm
Operator : Mork:imk
Sample : L2580856-04,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jan 05 09:23:54 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 12:38:39 2026
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAAP90102.D•

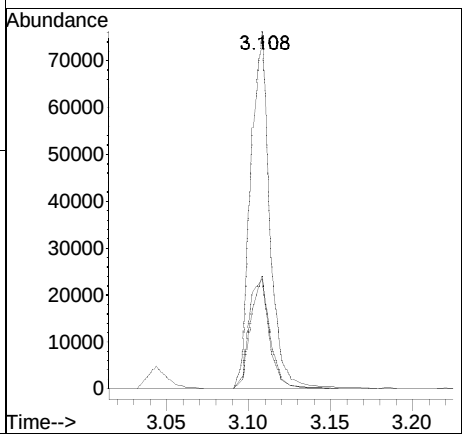




#6
2-Chlorophenol
Concen: 21.35 ug/ml M2
RT: 3.108 min Scan# 379
Delta R.T. 0.006 min
Lab File: 80856-04.D
Acq: 2 Jan 2026 8:49 pm

Tgt Ion:128 Resp: 61355

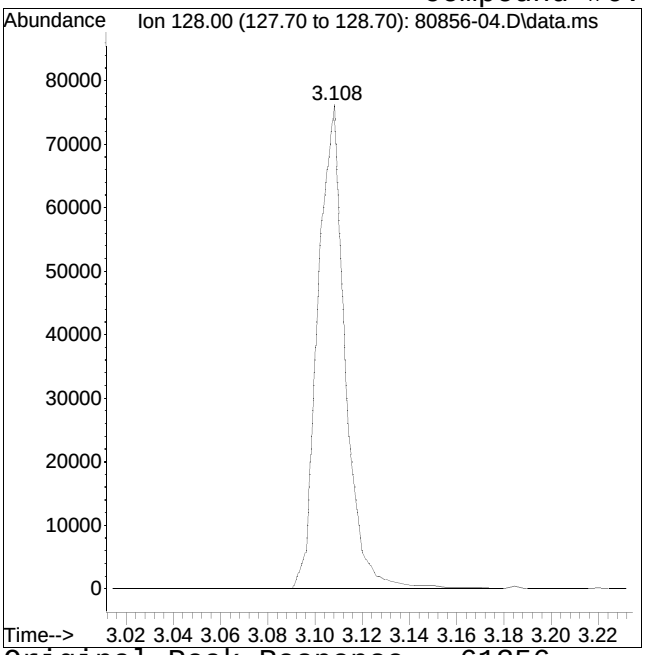
Ion	Ratio	Lower	Upper
128	100		
64	0.0	33.5	50.3#
130	0.0	25.9	38.9#



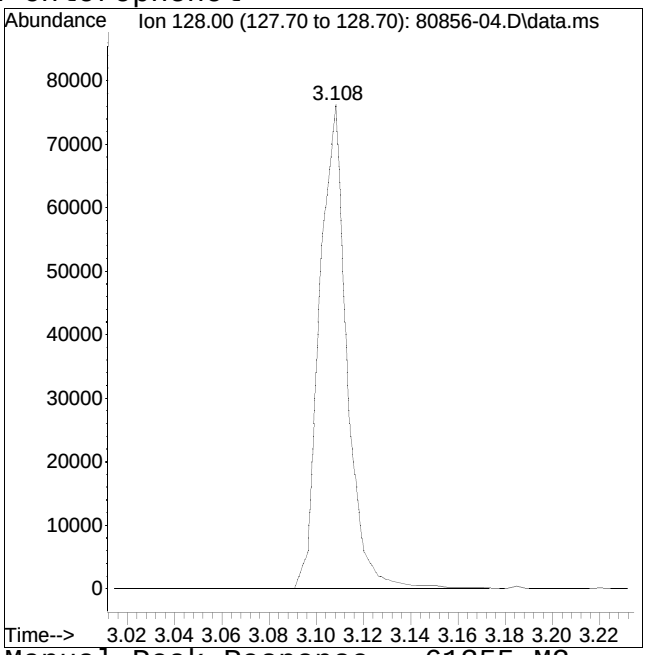
Manual Integration Report

Data Path	: I:\8270\Mork\260102\	QMethod	: FS251209Mork.m
Data File	: 80856-04.D	Operator	: Mork:imk
Date Inj'd	: 1/2/2026 8:49 pm	Instrument	: Mork
Sample	: L2580856-04,32,,gmr	Quant Date	: 1/2/2026 9:05 pm

Compound #6: 2-Chlorophenol



Original Peak Response = 61356



Manual Peak Response = 61355 M2

M2 = Peak not found by automatic integration algorithm.

LSC Area Percent Report

Data Path : I:\8270\Mork\260102\
Data File : 80856-04.D
Acq On : 2 Jan 2026 8:49 pm
Operator : Mork:imk
Sample : L2580856-04,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 27 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.001 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\Mork\260102\FS251209Mork.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 80856-04.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.933	174	179	193	rVB	4903018	5588907	100.00%	35.004%
2	2.198	221	224	237	rBV	320096	353766	6.33%	2.216%
3	3.044	365	368	376	rBV	435989	383391	6.86%	2.401%
4	3.108	376	379	386	rVB	251233	208398	3.73%	1.305%
5	3.273	404	407	415	rBV	610723	547147	9.79%	3.427%
6	3.761	487	490	497	rBV	192184	161947	2.90%	1.014%
7	4.360	589	592	601	rBV	1015774	744871	13.33%	4.665%
8	4.442	603	606	620	rBV	372639	316528	5.66%	1.982%
9	5.318	751	755	758	rBV	542713	444210	7.95%	2.782%
10	5.864	844	848	851	rBV	1466126	1066421	19.08%	6.679%
11	6.546	961	964	973	rVB	553394	442383	7.92%	2.771%
12	7.127	1059	1063	1066	rBV	1700081	1279938	22.90%	8.016%
13	8.531	1299	1302	1306	rBV	628718	544963	9.75%	3.413%
14	9.172	1407	1411	1414	rBV	74413	75157	1.34%	0.471%
15	9.466	1456	1461	1465	rBV	1487581	1476546	26.42%	9.248%
16	9.507	1465	1468	1473	rVB	110077	121716	2.18%	0.762%
17	9.859	1524	1528	1535	rBV	126493	151098	2.70%	0.946%
18	10.230	1586	1591	1596	rBV	107833	126364	2.26%	0.791%
19	10.600	1650	1654	1662	rBV	90842	112978	2.02%	0.708%
20	11.005	1715	1723	1729	rVB	1314792	1759214	31.48%	11.018%
21	11.364	1780	1784	1792	rBV	45396	60607	1.08%	0.380%

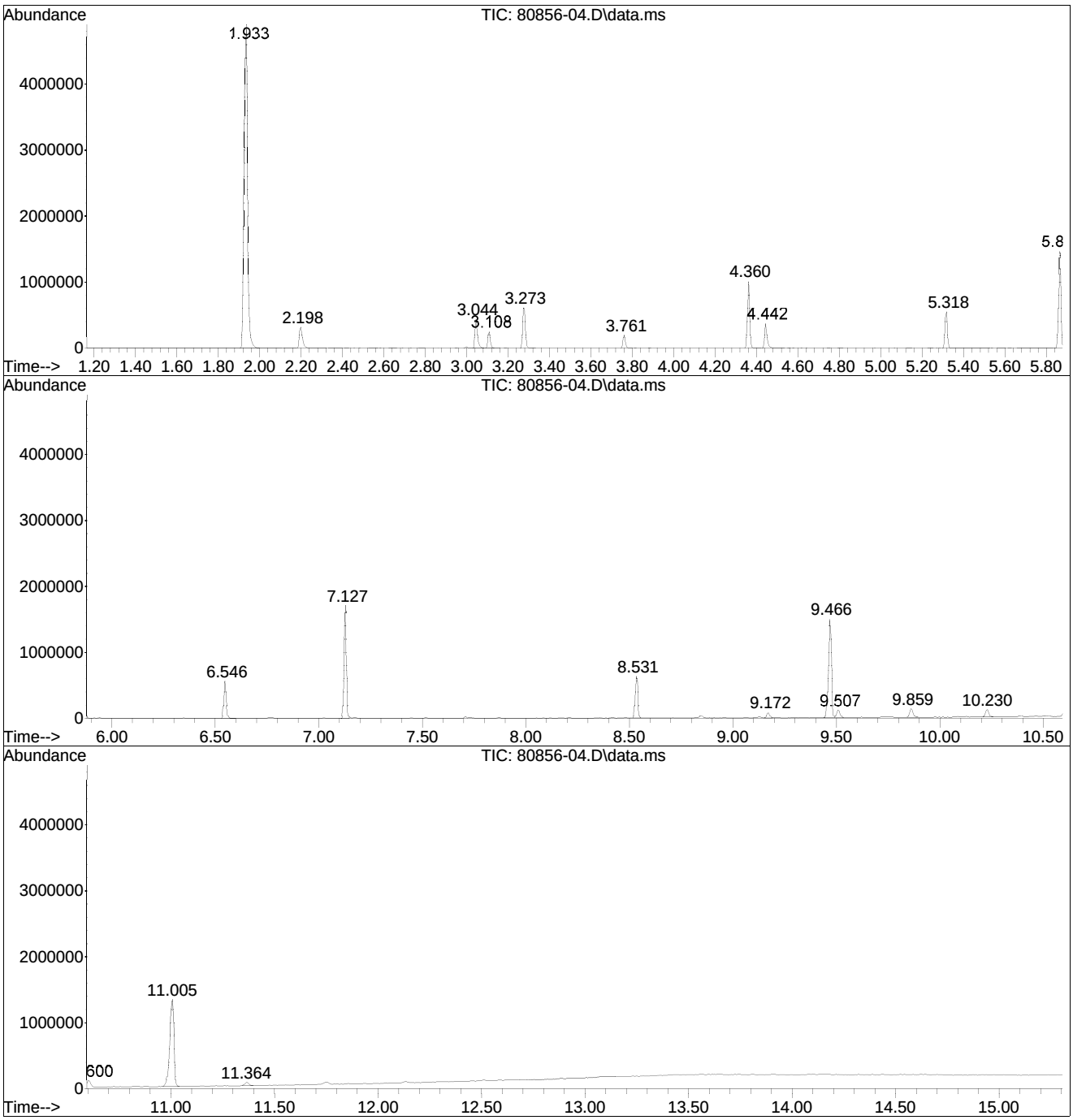
Sum of corrected areas: 15966550

LSC Report - Integrated Chromatogram

Data Path : I:\8270\Mork\260102\
Data File : 80856-04.D
Acq On : 2 Jan 2026 8:49 pm
Operator : Mork:imk
Sample : L2580856-04,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 27 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : I:\8270\Mork\260102\
Data File : 80856-04.D
Acq On : 2 Jan 2026 8:49 pm
Operator : Mork:imk
Sample : L2580856-04,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 27 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

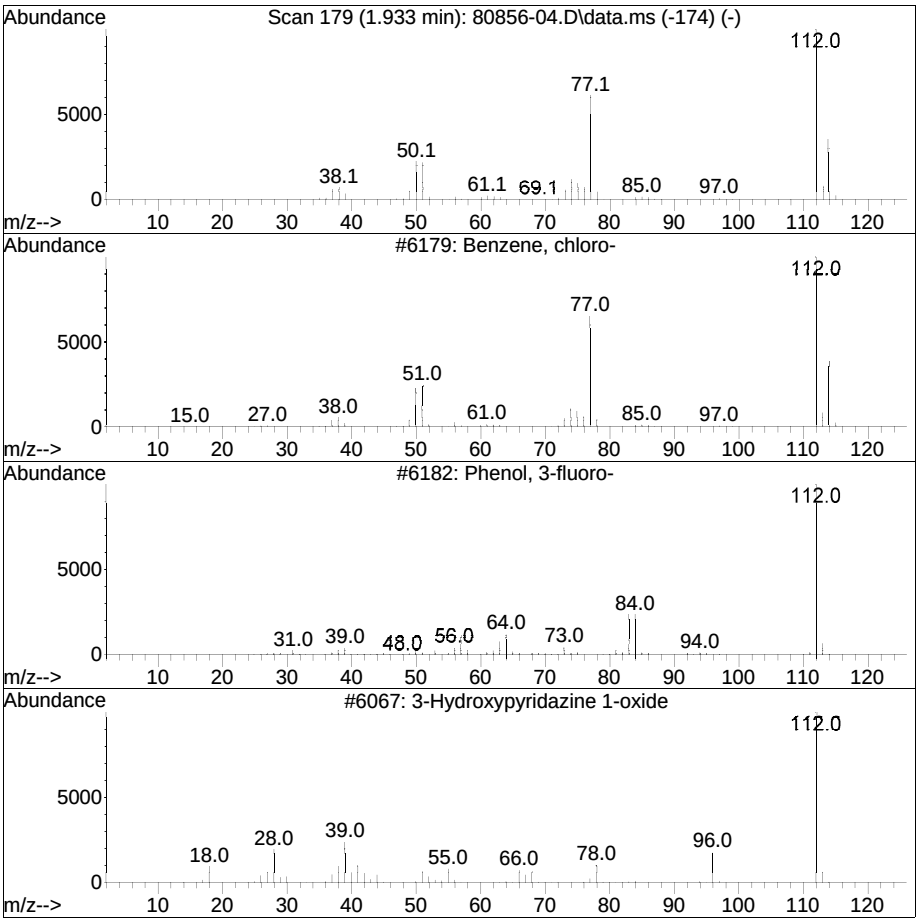
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

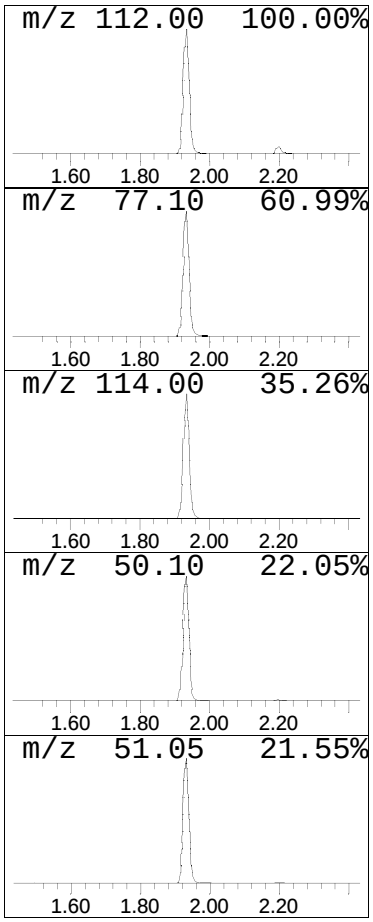
****

Peak Number 1 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.933	408.58 ug/ml	5588910	IS2_1,4-Dichlorobenzene-d4	3.273

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	27
3	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	27
4	2-Furancarboxylic acid	112	C5H4O3	000088-14-2	16
5	3-Furancarboxylic acid	112	C5H4O3	000488-93-7	12





Library Search Compound Report

Data Path : I:\8270\Mork\260102\
Data File : 80856-04.D
Acq On : 2 Jan 2026 8:49 pm
Operator : Mork:imk
Sample : L2580856-04,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 27 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

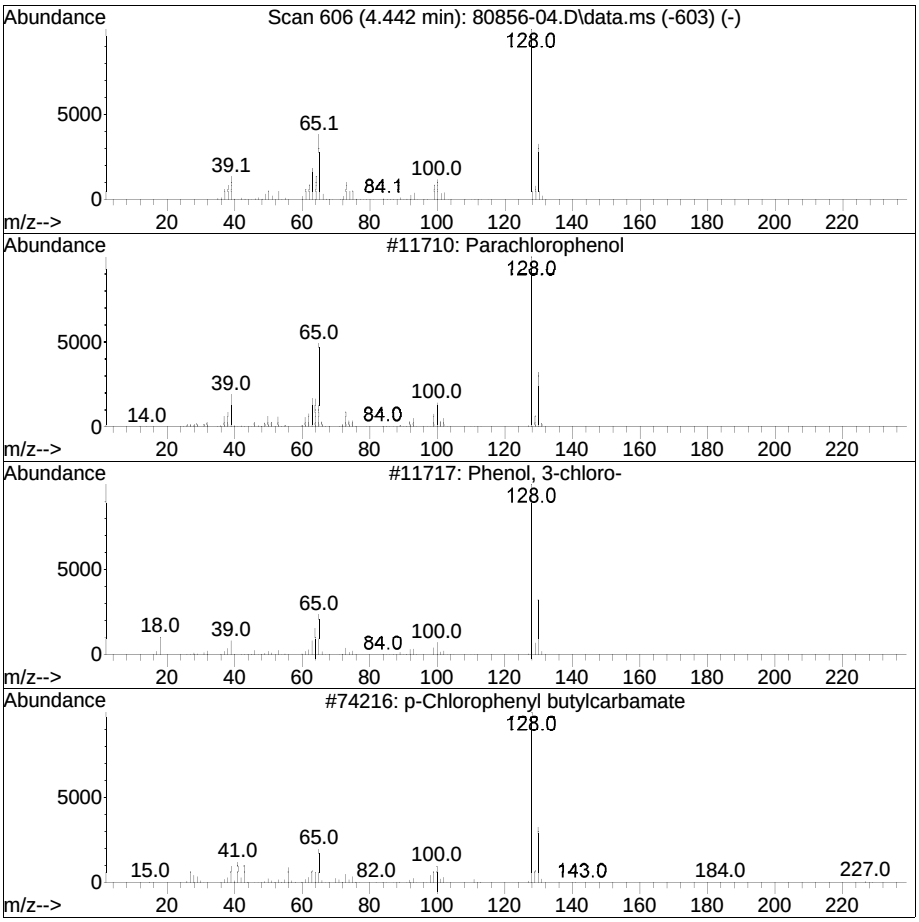
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

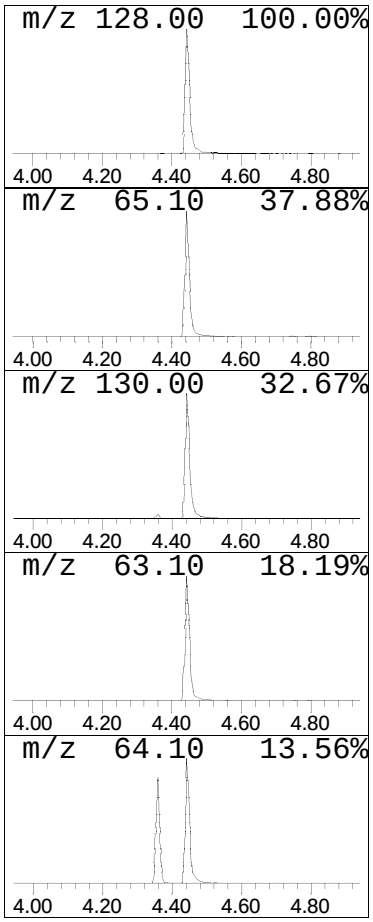
****

Peak Number 2 Unknown Phenol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.442	17.00 ug/ml	316528	IS2_Naphthalene-d8	4.360

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Parachlorophenol	128	C6H5ClO	000106-48-9	95
2	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	90
3	p-Chlorophenyl butylcarbamate	227	C11H14ClNO2	132905-93-2	83
4	Phenol, 2-chloro-	128	C6H5ClO	000095-57-8	81
5	p-Chlorophenyl N-(cyanomethyl)ca...	210	C9H7ClN2O2	1000240-68-8	78





Library Search Compound Report

Data Path : I:\8270\Mork\260102\
Data File : 80856-04.D
Acq On : 2 Jan 2026 8:49 pm
Operator : Mork:imk
Sample : L2580856-04,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 27 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

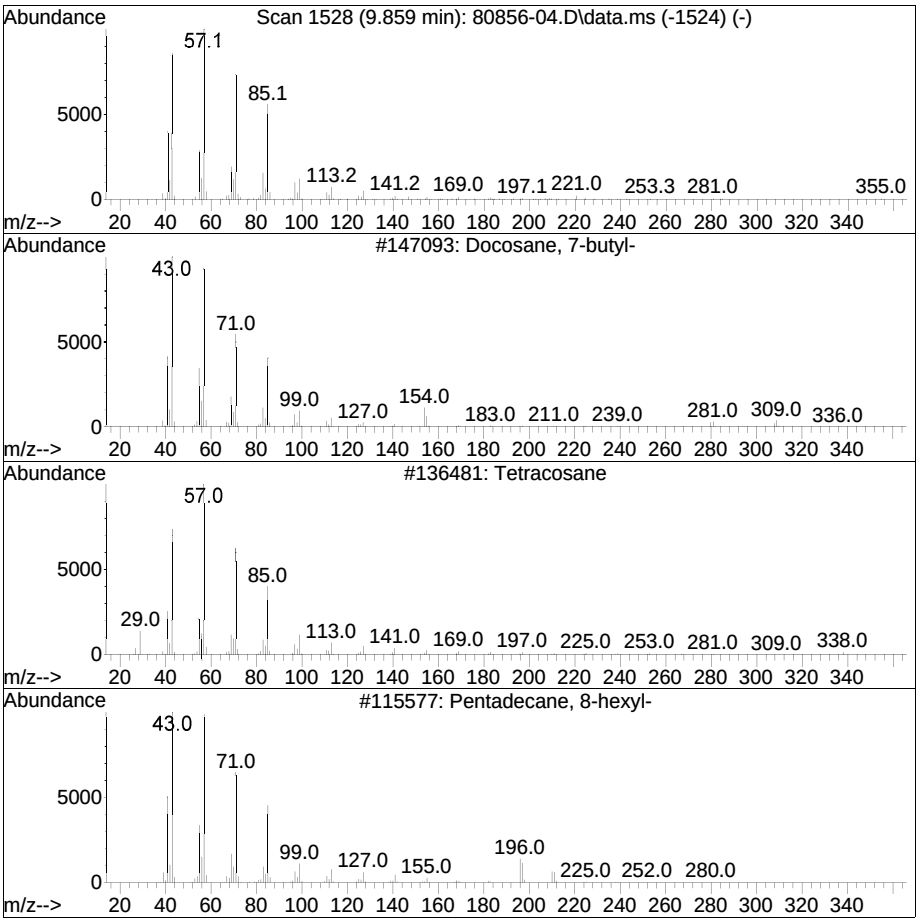
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

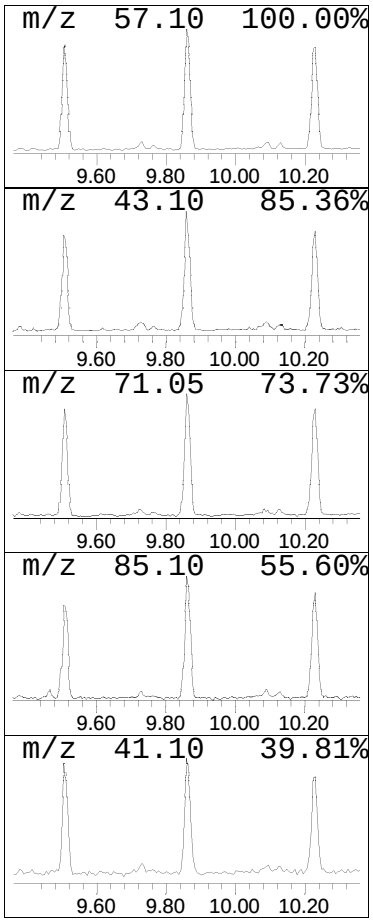
****

Peak Number 3 Unknown Alkane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.859	4.09 ug/ml	151098	IS1_Chrysene-d12	9.466

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 7-butyl-	366	C26H54	055282-15-0	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Heptacosane	380	C27H56	000593-49-7	80





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\Mork\260102\
Data File : 80856-04.D
Acq On : 2 Jan 2026 8:49 pm
Operator : Mork:imk
Sample : L2580856-04,32,,gmr
Misc : WG2161048,WG2159340,ical22888
ALS Vial : 27 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, chloro-	1.933	408.6	ug/ml	5588910	1	3.273	547147	40.0
Unknown Phenol	4.442	17.0	ug/ml	316528	5	4.360	744871	40.0
Unknown Alkane	9.859	4.1	ug/ml	151098	12	9.466	1476550	40.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\260103\
Data File : 80856-08.D
Acq On : 3 Jan 2026 3:28 pm
Operator : SV103:cmm
Sample : L2580856-08,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 04 18:39:59 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.434	152	222901	40.000	ug/ml		0.00
Standard Area 1 = 229319			Recovery = 97.20%				
27) IS2_1,4-Dichlorobenzen...	3.434	152	222901	40.000	ug/ml		0.00
Standard Area 3 = 206396			Recovery = 108.00%				
32) IS3_1,4-Dichlorobenzen...	3.434	152	222901	40.000	ug/ml		0.00
Standard Area 2 = 203595			Recovery = 109.48%				
35) IS1_Naphthalene-d8	4.716	136	881058	40.000	ug/ml		0.00
Standard Area 1 = 878891			Recovery = 100.25%				
55) IS2_Naphthalene-d8	4.716	136	881058	40.000	ug/ml		0.00
Standard Area 3 = 813634			Recovery = 108.29%				
63) IS1_Acenaphthene-d10	6.404	164	512966	40.000	ug/ml		0.00
Standard Area 1 = 498403			Recovery = 102.92%				
83) IS2_Acenaphthene-d10	6.404	164	512966	40.000	ug/ml		0.00
Standard Area 3 = 466338			Recovery = 110.00%				
86) IS3_Acenaphthene-d10	6.404	164	512966	40.000	ug/ml		0.00
Standard Area 2 = 454716			Recovery = 112.81%				
88) IS1_Phenanthrene-d10	7.802	188	981188	40.000	ug/ml	#	0.00
Standard Area 1 = 991330			Recovery = 98.98%				
100) IS3_Phenanthrene-d10	7.802	188	981188	40.000	ug/ml	#	0.00
Standard Area 2 = 916227			Recovery = 107.09%				
104) IS1_Chrysene-d12	10.314	240	837472	40.000	ug/ml		0.00
Standard Area 1 = 937828			Recovery = 89.30%				
113) IS1_Perylene-d12	11.766	264	946922	40.000	ug/ml		0.01
Standard Area 1 = 1017246			Recovery = 93.09%				
System Monitoring Compounds							
4) 2-Fluorophenol	1.931	112	239065	37.360	ug/ml		0.02
Spiked Amount 50.000	Range 15 - 110		Recovery = 74.72%				
7) Phenol-d6	3.190	99	321120	40.862	ug/ml		0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 81.72%				
19) Nitrobenzene-d5	4.026	82	142476	21.710	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.84%				
46) 2-Fluorobiphenyl	5.810	172	341332	18.574	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 74.30%				
79) 2,4,6-Tribromophenol	7.162	330	101744	39.449	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 78.90%				

Data Path : I:\8270\SV103\260103\
Data File : 80856-08.D
Acq On : 3 Jan 2026 3:28 pm
Operator : SV103:cmm
Sample : L2580856-08,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 04 18:39:59 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	9.379	244	424144	17.333	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 69.33%

Target Compounds				Qvalue
6) 2-Chlorophenol	0.000	0	N.D.	d
8) Phenol	0.000	0	N.D.	
9) Bis(2-chloroethyl)ether	0.000	0	N.D.	
14) Bis(2-chloroisopropyl)...	0.000	0	N.D.	
15) 2-Methylphenol	0.000	0	N.D.	
16) Hexachloroethane	0.000	0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000	0	N.D.	d
18) 3-Methylphenol/4-Methy...	0.000	0	N.D.	
20) Nitrobenzene	0.000	0	N.D.	d
21) Isophorone	0.000	0	N.D.	
22) 2-Nitrophenol	0.000	0	N.D.	
23) 2,4-Dimethylphenol	0.000	0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000	0	N.D.	
25) 2,4-Dichlorophenol	0.000	0	N.D.	
28) Benzaldehyde	0.000	0	N.D.	
29) Acetophenone	0.000	0	N.D.	
36) Naphthalene	0.000	0	N.D.	d
38) 4-Chloroaniline	0.000	0	N.D.	
39) Hexachlorobutadiene	0.000	0	N.D.	
40) p-Chloro-m-cresol	0.000	0	N.D.	
41) 2-Methylnaphthalene	0.000	0	N.D.	d
43) Hexachlorocyclopentadiene	0.000	0	N.D.	
44) 2,4,6-Trichlorophenol	0.000	0	N.D.	
45) 2,4,5-Trichlorophenol	0.000	0	N.D.	
47) 2-Chloronaphthalene	0.000	0	N.D.	
48) 2-Nitroaniline	0.000	0	N.D.	
51) Dimethyl phthalate	0.000	0	N.D.	
52) Acenaphthylene	0.000	0	N.D.	d
53) 2,6-Dinitrotoluene	0.000	0	N.D.	
60) Caprolactam	0.000	0	N.D.	
61) 1,2,4,5-Tetrachloroben...	0.000	0	N.D.	
62) Biphenyl	0.000	0	N.D.	d
64) 3-Nitroaniline	0.000	0	N.D.	

Data Path : I:\8270\SV103\260103\
Data File : 80856-08.D
Acq On : 3 Jan 2026 3:28 pm
Operator : SV103:cmm
Sample : L2580856-08,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 04 18:39:59 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Acenaphthene	0.000		0	N.D.	d	
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	0.000		0	N.D.	d	
68) 2,4-Dinitrotoluene	0.000		0	N.D.		
69) 4-Nitrophenol	0.000		0	N.D.		
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		
73) Fluorene	0.000		0	N.D.	d	
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75) 4-Nitroaniline	0.000		0	N.D.		
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.		
77) NDPA/DPA	0.000		0	N.D.	d	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
81) Hexachlorobenzene	0.000		0	N.D.		
82) Pentachlorophenol	0.000		0	N.D.		
87) Atrazine	0.000		0	N.D.		
89) Phenanthrene	0.000		0	N.D.	d	
90) Anthracene	0.000		0	N.D.	d	
91) Carbazole	0.000		0	N.D.	d	
92) Di-n-butylphthalate	0.000		0	N.D.		
93) Fluoranthene	0.000		0	N.D.	d	
95) Pyrene	0.000		0	N.D.	d	
97) Butyl benzyl phthalate	0.000		0	N.D.	d	
105) Benzo(a)anthracene	0.000		0	N.D.	d	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
107) Chrysene	0.000		0	N.D.	d	
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
109) Di-n-octylphthalate	0.000		0	N.D.	d	
110) Benzo(b)fluoranthene	0.000		0	N.D.	d	
111) Benzo(k)fluoranthene	0.000		0	N.D.	d	
112) Benzo(a)pyrene	0.000		0	N.D.	d	
114) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	d	
115) Dibenzo(a,h)anthracene	0.000		0	N.D.	d	
116) Benzo(ghi)perylene	0.000		0	N.D.	d	

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

Data Path : I:\8270\SV103\260103\
Data File : 80856-08.D
Acq On : 3 Jan 2026 3:28 pm
Operator : SV103:cmm
Sample : L2580856-08,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 04 18:39:59 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

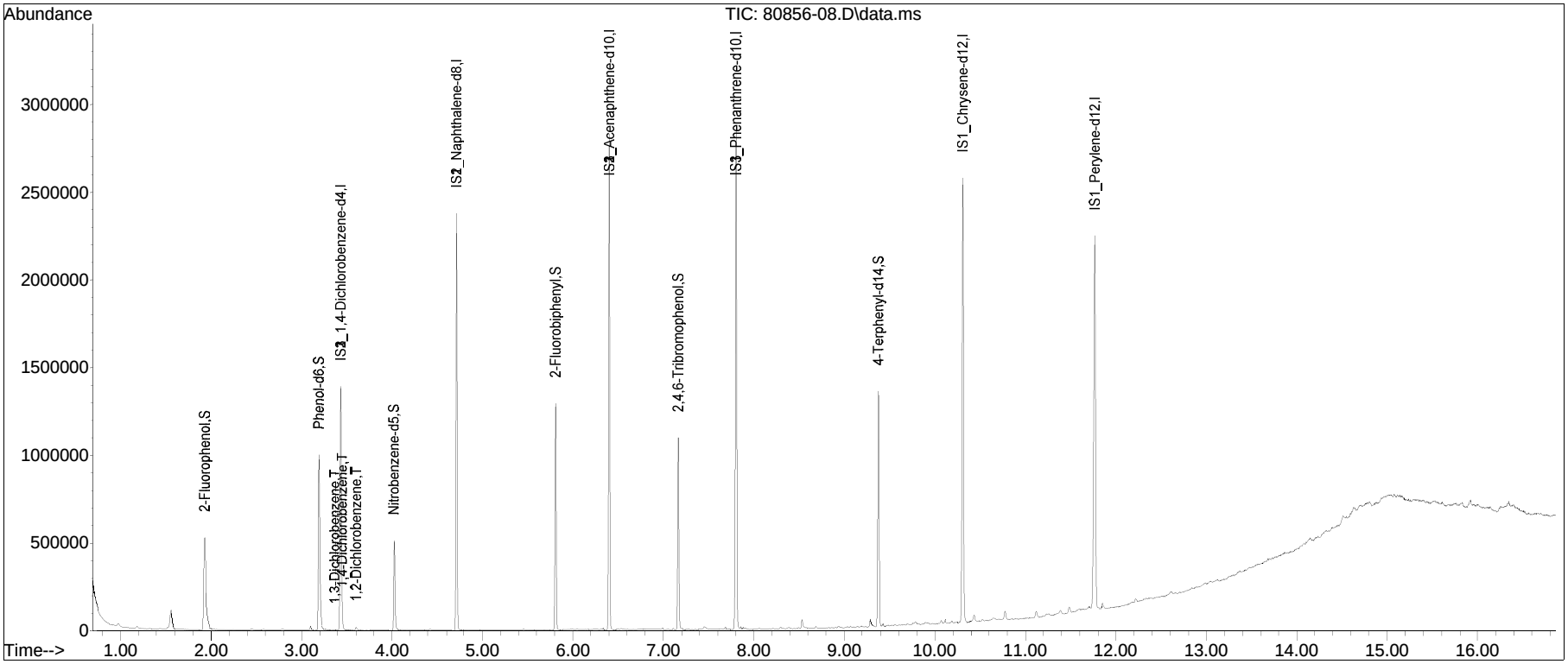
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\260103\
Data File : 80856-08.D
Acq On : 3 Jan 2026 3:28 pm
Operator : SV103:cmm
Sample : L2580856-08,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 04 18:39:59 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MA\AP90103.D•



Manual Integration Report

Data Path	: I:\8270\SV103\260103\	QMethod	: FS251116SV103.m
Data File	: 80856-08.D	Operator	: SV103:cmm
Date Inj'd	: 1/3/2026 3:28 pm	Instrument	: SV103
Sample	: L2580856-08,32,,gmr	Quant Date	: 1/3/2026 3:45 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV103\260103\
Data File : 80856-08.D
Acq On : 3 Jan 2026 3:28 pm
Operator : SV103:cmm
Sample : L2580856-08,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 20 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 400 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV103\260103\FS251116SV103.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 80856-08.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.553	295	305	325	rVB2	107978	211566	8.01%	1.101%
2	1.931	427	438	473	rBV	526519	935470	35.44%	4.866%
3	3.096	842	848	858	rBV	22764	28422	1.08%	0.148%
4	3.190	874	881	902	rBV	996321	1007463	38.16%	5.241%
5	3.435	958	967	987	rBV	1387142	1418317	53.72%	7.378%
6	4.026	1168	1175	1190	rBV	509247	448616	16.99%	2.334%
7	4.716	1409	1418	1431	rBV	2377426	1870929	70.87%	9.732%
8	5.810	1795	1803	1819	rBV	1291157	1026055	38.87%	5.337%
9	6.404	2002	2012	2023	rBV	2829898	2313634	87.64%	12.035%
10	7.162	2271	2279	2290	rBV	1095167	905207	34.29%	4.709%
11	7.802	2493	2504	2518	rBV2	2875109	2532242	95.92%	13.172%
12	8.529	2754	2760	2772	rBV2	47398	56003	2.12%	0.291%
13	9.288	3021	3027	3036	rBV3	41836	51255	1.94%	0.267%
14	9.379	3051	3059	3069	rBV	1342254	1235050	46.78%	6.425%
15	10.314	3378	3388	3405	rVB2	2532447	2498263	94.63%	12.996%
16	10.774	3546	3550	3557	rVB3	44493	45285	1.72%	0.236%
17	11.766	3887	3899	3908	rVB2	2115803	2639958	100.00%	13.733%

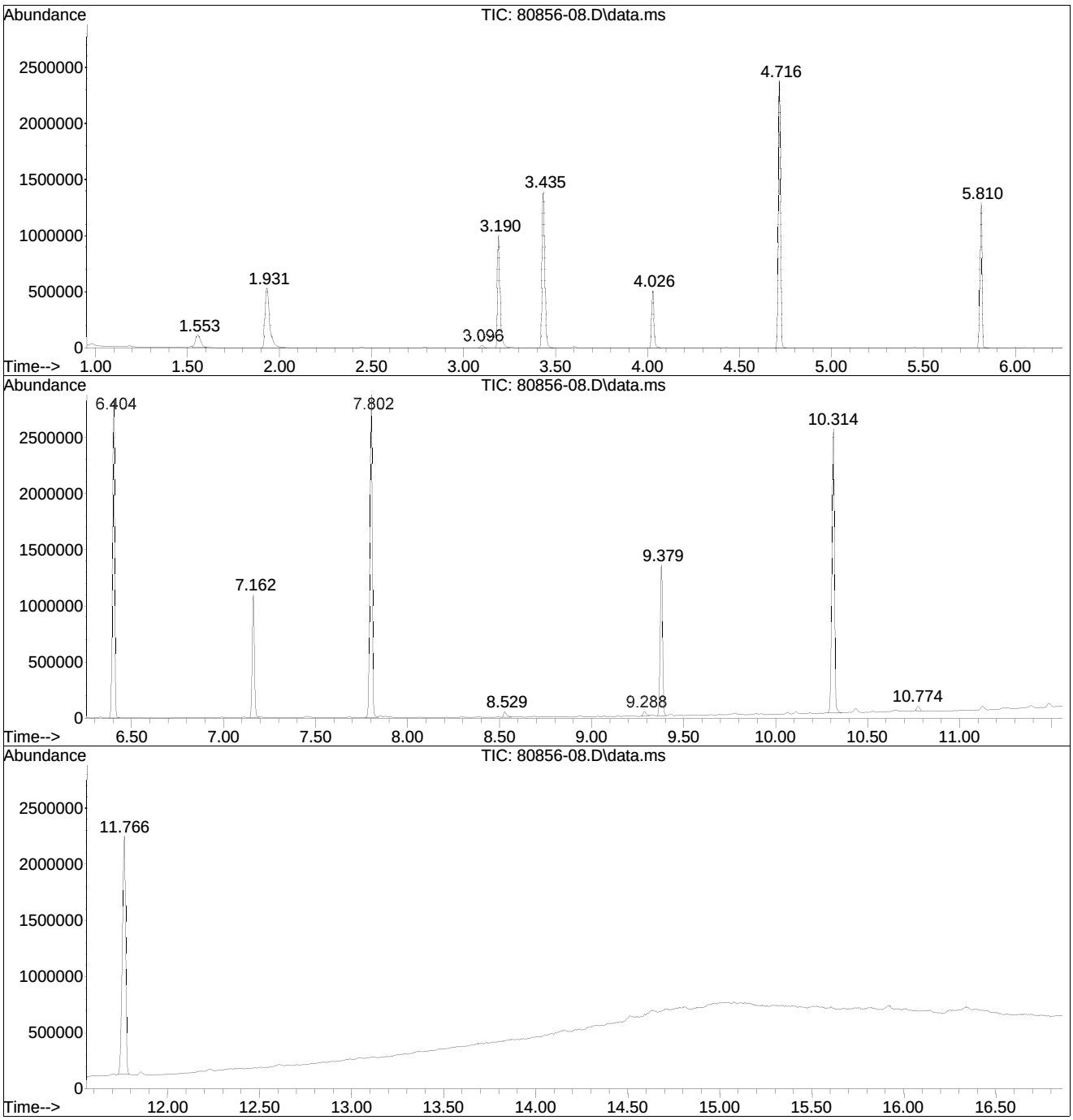
Sum of corrected areas: 19223735

LSC Report - Integrated Chromatogram

Data Path : I:\8270\SV103\260103\
Data File : 80856-08.D
Acq On : 3 Jan 2026 3:28 pm
Operator : SV103:cmm
Sample : L2580856-08,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 20 Sample Multiplier: 1

Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : I:\8270\SV103\260103\
Data File : 80856-08.D
Acq On : 3 Jan 2026 3:28 pm
Operator : SV103:cmm
Sample : L2580856-08,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 20 Sample Multiplier: 1

Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270

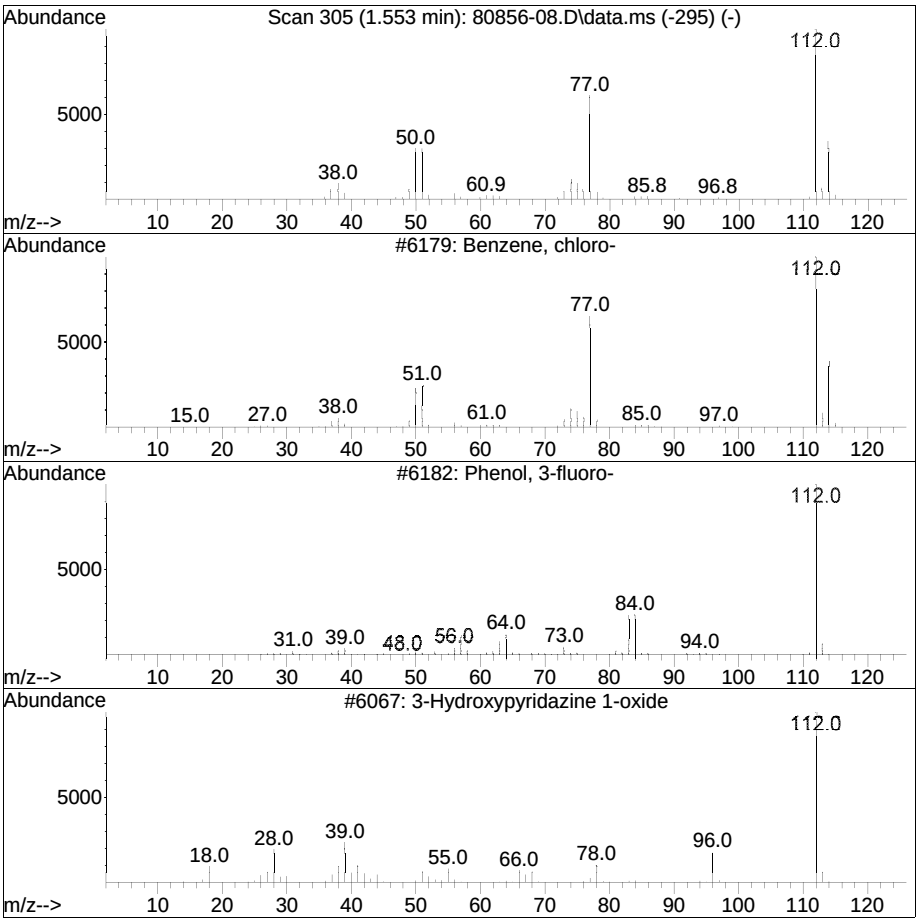
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

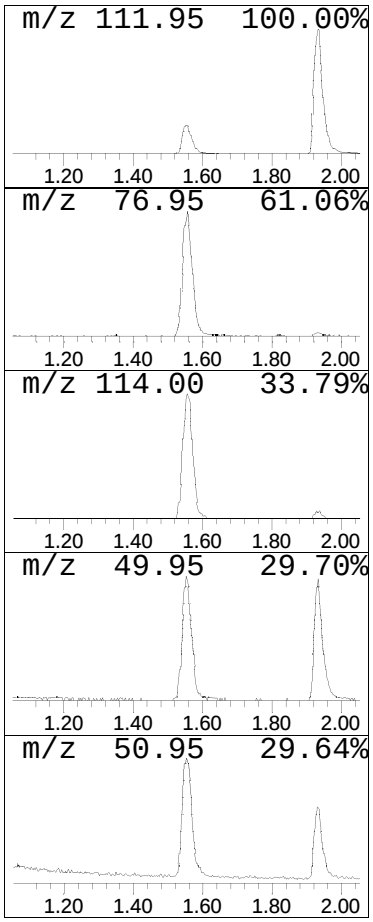
****

Peak Number 1 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.553	5.97 ug/ml	211566	IS2_1,4-Dichlorobenzene-d4	3.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
2	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	30
3	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	27
4	2,2-Dimethyl-3(2H)-furanone	112	C6H8O2	035298-48-7	27
5	3-Nitropyrrole	112	C4H4N2O2	005930-94-9	16





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV103\260103\
Data File : 80856-08.D
Acq On : 3 Jan 2026 3:28 pm
Operator : SV103:cmm
Sample : L2580856-08,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 20 Sample Multiplier: 1

Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, chloro-	1.553	6.0	ug/ml	211566	1	3.434	1418320	40.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\260103\
Data File : 80856-09.D
Acq On : 3 Jan 2026 3:49 pm
Operator : SV103:cmm
Sample : L2580856-09,32,,gmr,sc(ok)
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 04 18:41:01 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.435	152	195931	40.000	ug/ml	0.00
Standard Area 1 = 229319			Recovery = 85.44%			
27) IS2_1,4-Dichlorobenzen...	3.435	152	195931	40.000	ug/ml	0.00
Standard Area 3 = 206396			Recovery = 94.93%			
32) IS3_1,4-Dichlorobenzen...	3.435	152	195931	40.000	ug/ml	0.00
Standard Area 2 = 203595			Recovery = 96.24%			
35) IS1_Naphthalene-d8	4.716	136	774871	40.000	ug/ml	0.00
Standard Area 1 = 878891			Recovery = 88.16%			
55) IS2_Naphthalene-d8	4.716	136	774871	40.000	ug/ml	0.00
Standard Area 3 = 813634			Recovery = 95.24%			
63) IS1_Acenaphthene-d10	6.401	164	449229	40.000	ug/ml	0.00
Standard Area 1 = 498403			Recovery = 90.13%			
83) IS2_Acenaphthene-d10	6.401	164	449229	40.000	ug/ml	0.00
Standard Area 3 = 466338			Recovery = 96.33%			
86) IS3_Acenaphthene-d10	6.401	164	449229	40.000	ug/ml	0.00
Standard Area 2 = 454716			Recovery = 98.79%			
88) IS1_Phenanthrene-d10	7.802	188	863542M3	40.000	ug/ml	0.00
Standard Area 1 = 991330			Recovery = 87.11%			
100) IS3_Phenanthrene-d10	7.802	188	860229M3	40.000	ug/ml	0.00
Standard Area 2 = 916227			Recovery = 93.89%			
104) IS1_Chrysene-d12	10.311	240	745361	40.000	ug/ml	0.00
Standard Area 1 = 937828			Recovery = 79.48%			
113) IS1_Perylene-d12	11.763	264	838595	40.000	ug/ml	0.01
Standard Area 1 = 1017246			Recovery = 82.44%			
System Monitoring Compounds						
4) 2-Fluorophenol	1.931	112	207628	36.913	ug/ml	0.02
Spiked Amount 50.000	Range 15 - 110		Recovery = 73.83%			
7) Phenol-d6	3.190	99	281382	40.734	ug/ml	0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 81.47%			
19) Nitrobenzene-d5	4.026	82	124859	21.644	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.58%			
46) 2-Fluorobiphenyl	5.810	172	284237	17.586	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 70.34%			
79) 2,4,6-Tribromophenol	7.163	330	85036	37.649	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 75.30%			

Data Path : I:\8270\SV103\260103\
Data File : 80856-09.D
Acq On : 3 Jan 2026 3:49 pm
Operator : SV103:cmm
Sample : L2580856-09,32,,gmr,sc(ok)
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 04 18:41:01 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	9.379	244	307235	14.266	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 57.06%

Target Compounds				Qvalue
6) 2-Chlorophenol	0.000	0	N.D.	d
8) Phenol	0.000	0	N.D.	
9) Bis(2-chloroethyl)ether	0.000	0	N.D.	
14) Bis(2-chloroisopropyl)...	0.000	0	N.D.	
15) 2-Methylphenol	0.000	0	N.D.	
16) Hexachloroethane	0.000	0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000	0	N.D.	d
18) 3-Methylphenol/4-Methy...	0.000	0	N.D.	
20) Nitrobenzene	0.000	0	N.D.	d
21) Isophorone	0.000	0	N.D.	
22) 2-Nitrophenol	0.000	0	N.D.	
23) 2,4-Dimethylphenol	0.000	0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000	0	N.D.	
25) 2,4-Dichlorophenol	0.000	0	N.D.	
28) Benzaldehyde	0.000	0	N.D.	
29) Acetophenone	0.000	0	N.D.	
36) Naphthalene	0.000	0	N.D.	d
38) 4-Chloroaniline	0.000	0	N.D.	d
39) Hexachlorobutadiene	0.000	0	N.D.	
40) p-Chloro-m-cresol	0.000	0	N.D.	
41) 2-Methylnaphthalene	0.000	0	N.D.	d
43) Hexachlorocyclopentadiene	0.000	0	N.D.	
44) 2,4,6-Trichlorophenol	0.000	0	N.D.	
45) 2,4,5-Trichlorophenol	0.000	0	N.D.	
47) 2-Chloronaphthalene	0.000	0	N.D.	
48) 2-Nitroaniline	0.000	0	N.D.	
51) Dimethyl phthalate	0.000	0	N.D.	
52) Acenaphthylene	0.000	0	N.D.	
53) 2,6-Dinitrotoluene	0.000	0	N.D.	
60) Caprolactam	0.000	0	N.D.	
61) 1,2,4,5-Tetrachloroben...	0.000	0	N.D.	
62) Biphenyl	0.000	0	N.D.	d
64) 3-Nitroaniline	0.000	0	N.D.	

Data Path : I:\8270\SV103\260103\
Data File : 80856-09.D
Acq On : 3 Jan 2026 3:49 pm
Operator : SV103:cmm
Sample : L2580856-09,32,,gmr,sc(ok)
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 04 18:41:01 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Acenaphthene	0.000		0	N.D.	d	
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	0.000		0	N.D.	d	
68) 2,4-Dinitrotoluene	0.000		0	N.D.		
69) 4-Nitrophenol	0.000		0	N.D.		
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		
73) Fluorene	0.000		0	N.D.	d	
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75) 4-Nitroaniline	0.000		0	N.D.		
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.		
77) NDPA/DPA	0.000		0	N.D.	d	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
81) Hexachlorobenzene	0.000		0	N.D.		
82) Pentachlorophenol	0.000		0	N.D.		
87) Atrazine	0.000		0	N.D.		
89) Phenanthrene	0.000		0	N.D.	d	
90) Anthracene	0.000		0	N.D.	d	
91) Carbazole	0.000		0	N.D.	d	
92) Di-n-butylphthalate	0.000		0	N.D.		
93) Fluoranthene	0.000		0	N.D.	d	
95) Pyrene	0.000		0	N.D.	d	
97) Butyl benzyl phthalate	0.000		0	N.D.		
105) Benzo(a)anthracene	0.000		0	N.D.	d	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
107) Chrysene	0.000		0	N.D.	d	
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
109) Di-n-octylphthalate	0.000		0	N.D.	d	
110) Benzo(b)fluoranthene	0.000		0	N.D.	d	
111) Benzo(k)fluoranthene	0.000		0	N.D.	d	
112) Benzo(a)pyrene	0.000		0	N.D.	d	
114) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	d	
115) Dibenzo(a,h)anthracene	0.000		0	N.D.	d	
116) Benzo(ghi)perylene	0.000		0	N.D.	d	

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

Data Path : I:\8270\SV103\260103\
Data File : 80856-09.D
Acq On : 3 Jan 2026 3:49 pm
Operator : SV103:cmm
Sample : L2580856-09,32,,gmr,sc(ok)
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 04 18:41:01 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

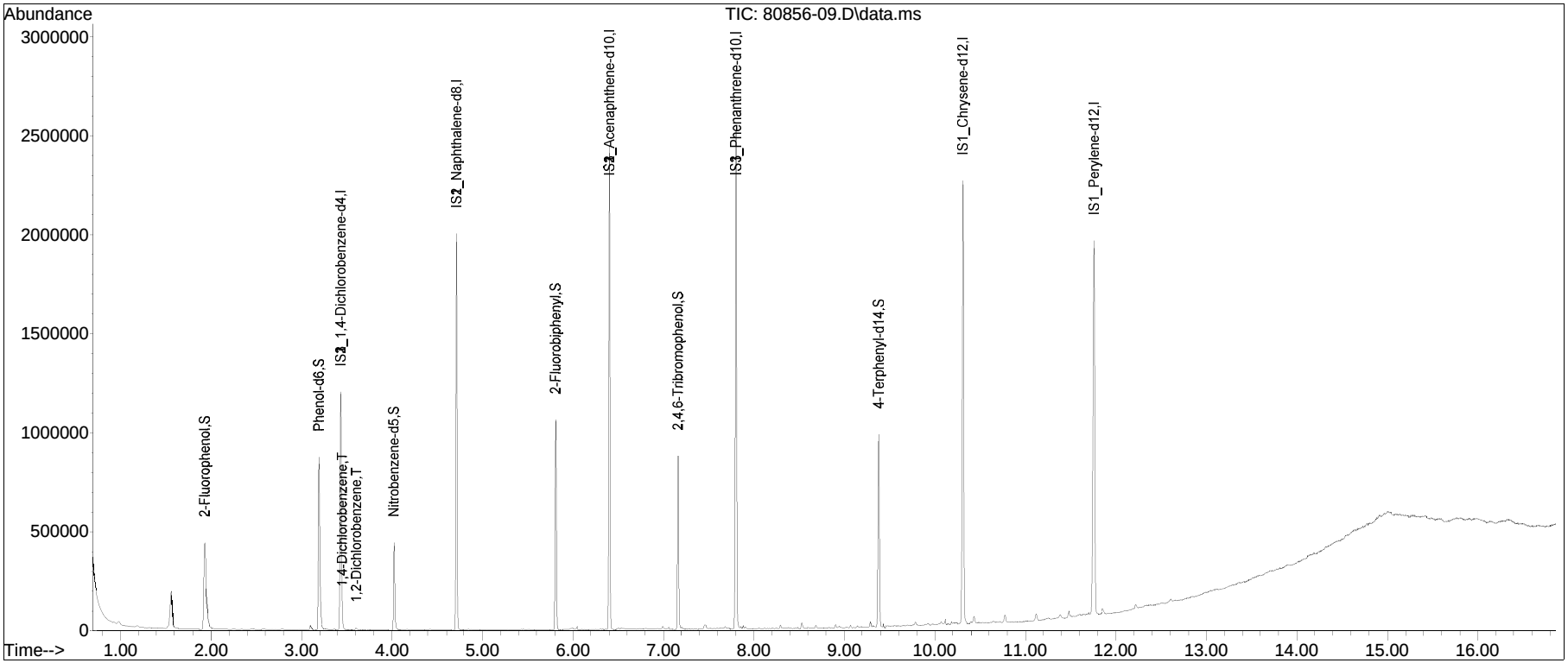
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\260103\
Data File : 80856-09.D
Acq On : 3 Jan 2026 3:49 pm
Operator : SV103:cmm
Sample : L2580856-09,32,,gmr,sc(ok)
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 04 18:41:01 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

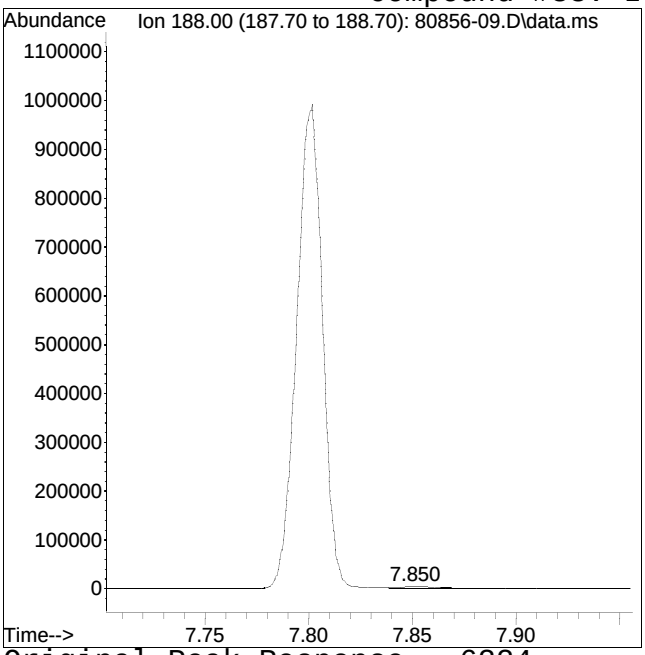
Sub List : 8270TCL_REV2 - TCL/CT/MA\AP90103.D•



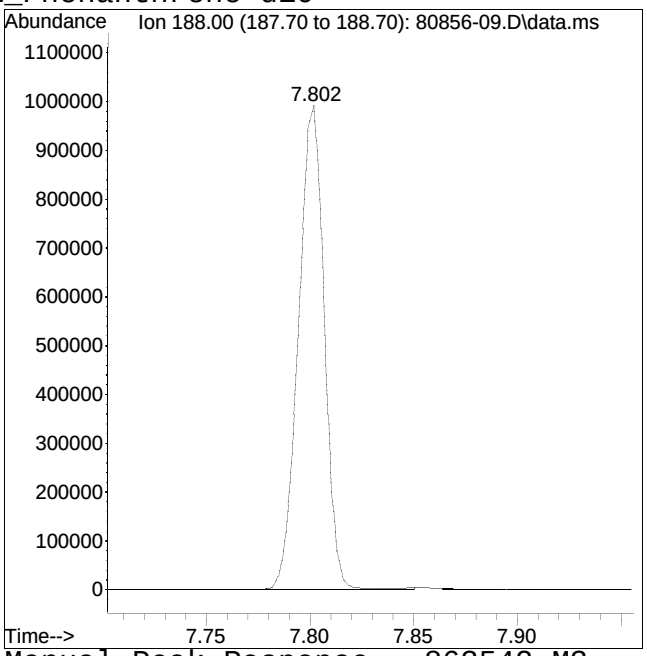
Manual Integration Report

Data Path : I:\8270\SV103\260103\ QMethod : FS251116SV103.m
Data File : 80856-09.D Operator : SV103:cmm
Date Inj'd : 1/3/2026 3:49 pm Instrument : SV103
Sample : L2580856-09,32,,gmr,sc(ok) Quant Date : 1/3/2026 4:06 pm

Compound #88: IS1_Phenanthrene-d10



Original Peak Response = 6224



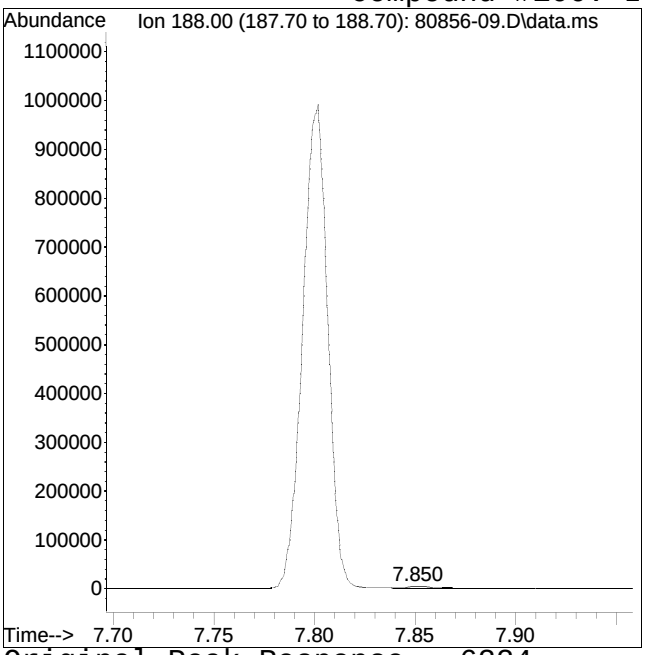
Manual Peak Response = 863542 M3

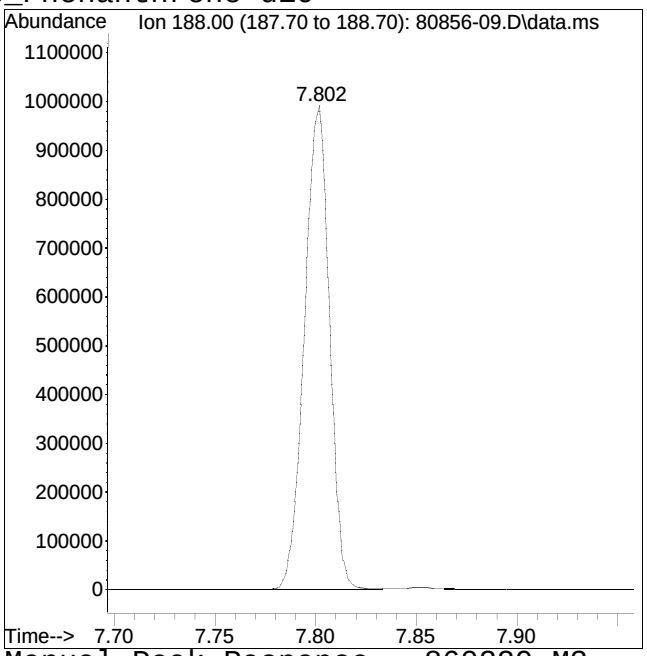
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV103\260103\ QMethod : FS251116SV103.m
Data File : 80856-09.D Operator : SV103:cmm
Date Inj'd : 1/3/2026 3:49 pm Instrument : SV103
Sample : L2580856-09,32,,gmr,sc(ok) Quant Date : 1/3/2026 4:06 pm

Compound #100: IS3_Phenanthrene-d10





Original Peak Response = 6224 Manual Peak Response = 860229 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

LSC Area Percent Report

Data Path : I:\8270\SV103\260103\
Data File : 80856-09.D
Acq On : 3 Jan 2026 3:49 pm
Operator : SV103:cmm
Sample : L2580856-09,32,,gmr,sc(ok)
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 21 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 400 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV103\260103\FS251116SV103.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 80856-09.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.556	287	306	325	rBV	187475	373287	15.89%	2.214%
2	1.931	428	438	469	rBV	437921	806402	34.33%	4.783%
3	3.099	843	849	859	rBV	22990	27958	1.19%	0.166%
4	3.190	874	881	902	rBV	871207	883484	37.61%	5.240%
5	3.435	958	967	980	rBV	1201248	1242294	52.88%	7.369%
6	4.026	1168	1175	1188	rBV	441766	385778	16.42%	2.288%
7	4.716	1410	1418	1430	rBV	2003512	1641680	69.88%	9.738%
8	5.810	1795	1803	1811	rBV	1061684	852271	36.28%	5.055%
9	6.401	2003	2011	2026	rVB	2447701	2024311	86.17%	12.007%
10	7.163	2272	2279	2290	rBV	875204	753169	32.06%	4.467%
11	7.802	2495	2504	2517	rBV2	2545492	2211095	94.12%	13.115%
12	8.529	2753	2760	2771	rBV4	29222	38701	1.65%	0.230%
13	9.288	3021	3027	3035	rBV4	26504	30926	1.32%	0.183%
14	9.379	3051	3059	3071	rBV	973318	895618	38.13%	5.312%
15	10.311	3378	3387	3406	rVB2	2238176	2225685	94.74%	13.202%
16	10.436	3426	3431	3438	rVB4	33829	35424	1.51%	0.210%
17	10.771	3544	3549	3557	rVB	34477	40492	1.72%	0.240%
18	11.124	3668	3673	3682	rVB3	33761	41198	1.75%	0.244%
19	11.763	3886	3898	3909	rBV2	1882839	2349141	100.00%	13.934%

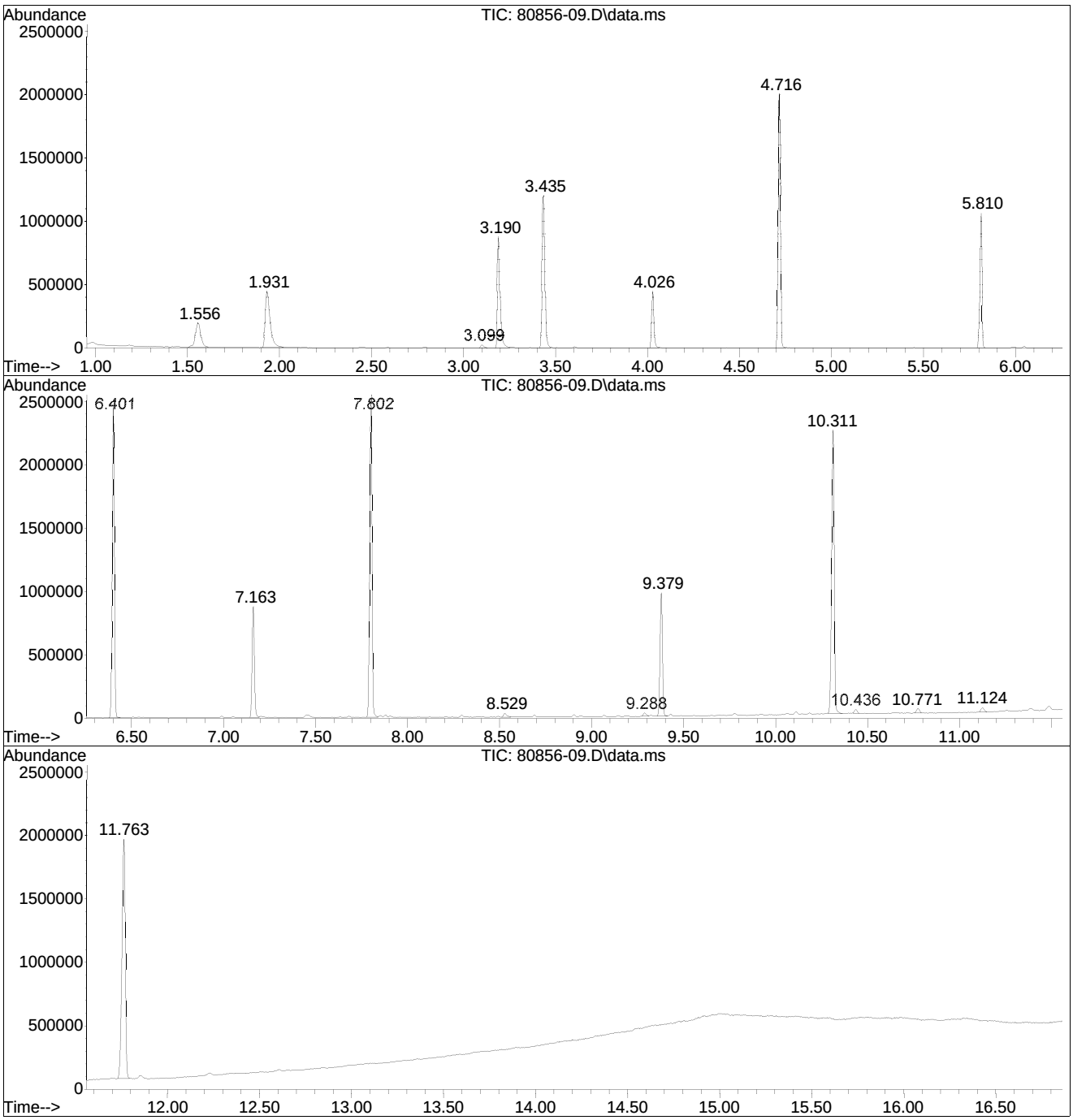
Sum of corrected areas: 16858914

LSC Report - Integrated Chromatogram

Data Path : I:\8270\SV103\260103\
Data File : 80856-09.D
Acq On : 3 Jan 2026 3:49 pm
Operator : SV103:cmm
Sample : L2580856-09,32,,gmr,sc(ok)
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 21 Sample Multiplier: 1

Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : I:\8270\SV103\260103\
Data File : 80856-09.D
Acq On : 3 Jan 2026 3:49 pm
Operator : SV103:cmm
Sample : L2580856-09,32,,gmr,sc(ok)
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 21 Sample Multiplier: 1

Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270

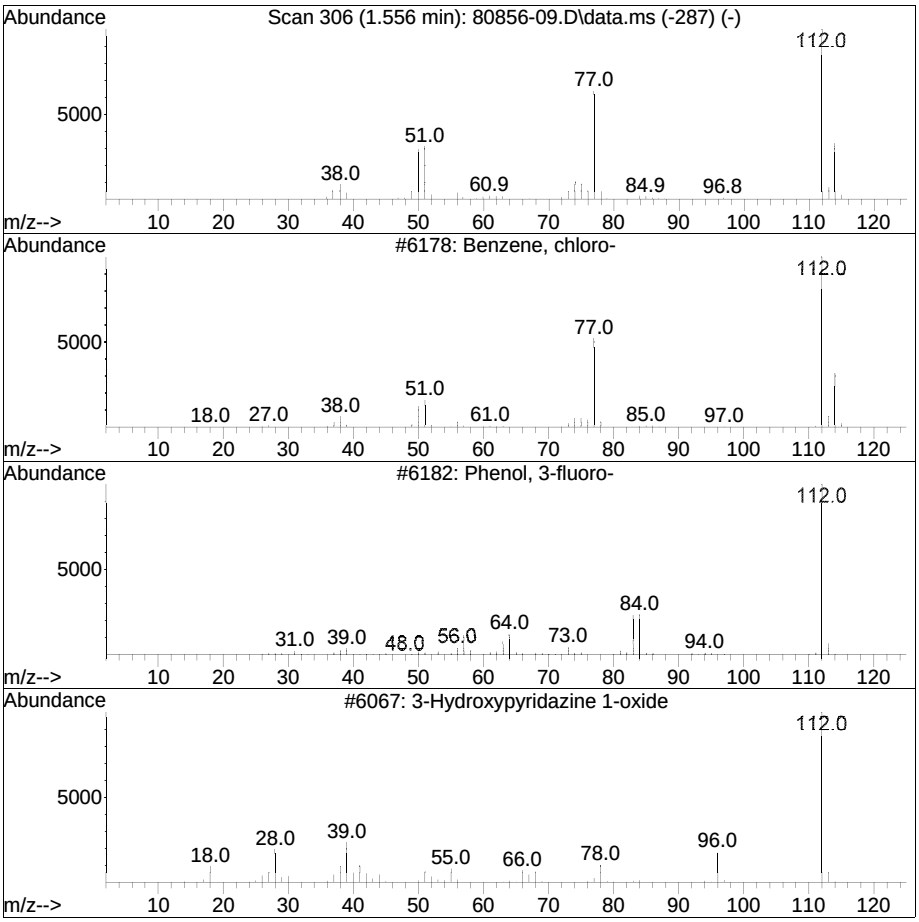
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

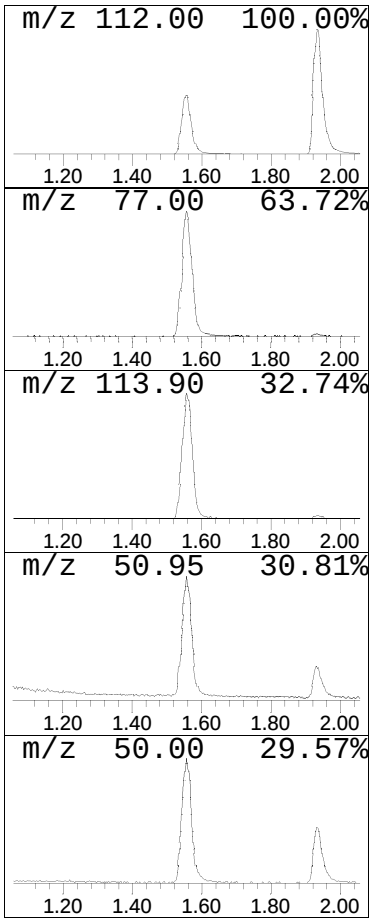
****

Peak Number 1 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.556	12.02 ug/ml	373287	IS2_1,4-Dichlorobenzene-d4	3.435

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	87
2	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	27
3	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	16
4	Cevane-3,4,6,7,14,15,16,20-octol...	793	C41H63NO14	000143-57-7	12
5	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	12





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV103\260103\
Data File : 80856-09.D
Acq On : 3 Jan 2026 3:49 pm
Operator : SV103:cmm
Sample : L2580856-09,32,,gmr,sc(ok)
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 21 Sample Multiplier: 1

Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, chloro-	1.556	12.0	ug/ml	373287	1	3.435	1242290	40.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\260103\
Data File : 80856-10.D
Acq On : 3 Jan 2026 4:10 pm
Operator : SV103:cmm
Sample : L2580856-10,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 04 18:41:43 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.435	152	198280	40.000	ug/ml		0.00
Standard Area 1 = 229319			Recovery = 86.46%				
27) IS2_1,4-Dichlorobenzen...	3.435	152	198280	40.000	ug/ml		0.00
Standard Area 3 = 206396			Recovery = 96.07%				
32) IS3_1,4-Dichlorobenzen...	3.435	152	198280	40.000	ug/ml		0.00
Standard Area 2 = 203595			Recovery = 97.39%				
35) IS1_Naphthalene-d8	4.716	136	777560	40.000	ug/ml		0.00
Standard Area 1 = 878891			Recovery = 88.47%				
55) IS2_Naphthalene-d8	4.716	136	777560	40.000	ug/ml		0.00
Standard Area 3 = 813634			Recovery = 95.57%				
63) IS1_Acenaphthene-d10	6.401	164	454126	40.000	ug/ml		0.00
Standard Area 1 = 498403			Recovery = 91.12%				
83) IS2_Acenaphthene-d10	6.401	164	454126	40.000	ug/ml		0.00
Standard Area 3 = 466338			Recovery = 97.38%				
86) IS3_Acenaphthene-d10	6.401	164	454126	40.000	ug/ml		0.00
Standard Area 2 = 454716			Recovery = 99.87%				
88) IS1_Phenanthrene-d10	7.802	188	862174	40.000	ug/ml	#	0.00
Standard Area 1 = 991330			Recovery = 86.97%				
100) IS3_Phenanthrene-d10	7.802	188	862174	40.000	ug/ml	#	0.00
Standard Area 2 = 916227			Recovery = 94.10%				
104) IS1_Chrysene-d12	10.311	240	747654	40.000	ug/ml		0.00
Standard Area 1 = 937828			Recovery = 79.72%				
113) IS1_Perylene-d12	11.763	264	854938	40.000	ug/ml		0.01
Standard Area 1 = 1017246			Recovery = 84.04%				
System Monitoring Compounds							
4) 2-Fluorophenol	1.931	112	223713	39.302	ug/ml		0.02
Spiked Amount 50.000	Range 15 - 110		Recovery = 78.60%				
7) Phenol-d6	3.190	99	296752	42.451	ug/ml		0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 84.90%				
19) Nitrobenzene-d5	4.026	82	135365	23.187	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.75%				
46) 2-Fluorobiphenyl	5.810	172	313665	19.340	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 77.36%				
79) 2,4,6-Tribromophenol	7.163	330	100953	44.214	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 88.43%				

Data Path : I:\8270\SV103\260103\
Data File : 80856-10.D
Acq On : 3 Jan 2026 4:10 pm
Operator : SV103:cmm
Sample : L2580856-10,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 04 18:41:43 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	9.379	244	346928	16.134	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 64.54%

Target Compounds				Qvalue
6) 2-Chlorophenol	0.000	0	N.D.	d
8) Phenol	0.000	0	N.D.	
9) Bis(2-chloroethyl)ether	0.000	0	N.D.	
14) Bis(2-chloroisopropyl)...	0.000	0	N.D.	
15) 2-Methylphenol	0.000	0	N.D.	
16) Hexachloroethane	0.000	0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000	0	N.D.	d
18) 3-Methylphenol/4-Methy...	0.000	0	N.D.	
20) Nitrobenzene	0.000	0	N.D.	d
21) Isophorone	0.000	0	N.D.	
22) 2-Nitrophenol	0.000	0	N.D.	
23) 2,4-Dimethylphenol	0.000	0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000	0	N.D.	
25) 2,4-Dichlorophenol	0.000	0	N.D.	
28) Benzaldehyde	0.000	0	N.D.	
29) Acetophenone	0.000	0	N.D.	
36) Naphthalene	0.000	0	N.D.	d
38) 4-Chloroaniline	0.000	0	N.D.	d
39) Hexachlorobutadiene	0.000	0	N.D.	
40) p-Chloro-m-cresol	0.000	0	N.D.	
41) 2-Methylnaphthalene	0.000	0	N.D.	
43) Hexachlorocyclopentadiene	0.000	0	N.D.	
44) 2,4,6-Trichlorophenol	0.000	0	N.D.	
45) 2,4,5-Trichlorophenol	0.000	0	N.D.	
47) 2-Chloronaphthalene	0.000	0	N.D.	
48) 2-Nitroaniline	0.000	0	N.D.	
51) Dimethyl phthalate	0.000	0	N.D.	
52) Acenaphthylene	0.000	0	N.D.	
53) 2,6-Dinitrotoluene	0.000	0	N.D.	
60) Caprolactam	0.000	0	N.D.	
61) 1,2,4,5-Tetrachloroben...	0.000	0	N.D.	
62) Biphenyl	0.000	0	N.D.	d
64) 3-Nitroaniline	0.000	0	N.D.	

Data Path : I:\8270\SV103\260103\
Data File : 80856-10.D
Acq On : 3 Jan 2026 4:10 pm
Operator : SV103:cmm
Sample : L2580856-10,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 04 18:41:43 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Acenaphthene	0.000		0	N.D.	d	
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	0.000		0	N.D.		
68) 2,4-Dinitrotoluene	0.000		0	N.D.		
69) 4-Nitrophenol	0.000		0	N.D.		
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		
73) Fluorene	0.000		0	N.D.		
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75) 4-Nitroaniline	0.000		0	N.D.		
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.		
77) NDPA/DPA	0.000		0	N.D.	d	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
81) Hexachlorobenzene	0.000		0	N.D.		
82) Pentachlorophenol	0.000		0	N.D.		
87) Atrazine	0.000		0	N.D.		
89) Phenanthrene	0.000		0	N.D.	d	
90) Anthracene	0.000		0	N.D.	d	
91) Carbazole	0.000		0	N.D.	d	
92) Di-n-butylphthalate	0.000		0	N.D.	d	
93) Fluoranthene	0.000		0	N.D.	d	
95) Pyrene	0.000		0	N.D.	d	
97) Butyl benzyl phthalate	0.000		0	N.D.	d	
105) Benzo(a)anthracene	0.000		0	N.D.	d	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
107) Chrysene	0.000		0	N.D.	d	
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
109) Di-n-octylphthalate	0.000		0	N.D.	d	
110) Benzo(b)fluoranthene	0.000		0	N.D.	d	
111) Benzo(k)fluoranthene	0.000		0	N.D.	d	
112) Benzo(a)pyrene	0.000		0	N.D.	d	
114) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	d	
115) Dibenzo(a,h)anthracene	0.000		0	N.D.	d	
116) Benzo(ghi)perylene	0.000		0	N.D.		

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

Data Path : I:\8270\SV103\260103\
Data File : 80856-10.D
Acq On : 3 Jan 2026 4:10 pm
Operator : SV103:cmm
Sample : L2580856-10,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 04 18:41:43 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

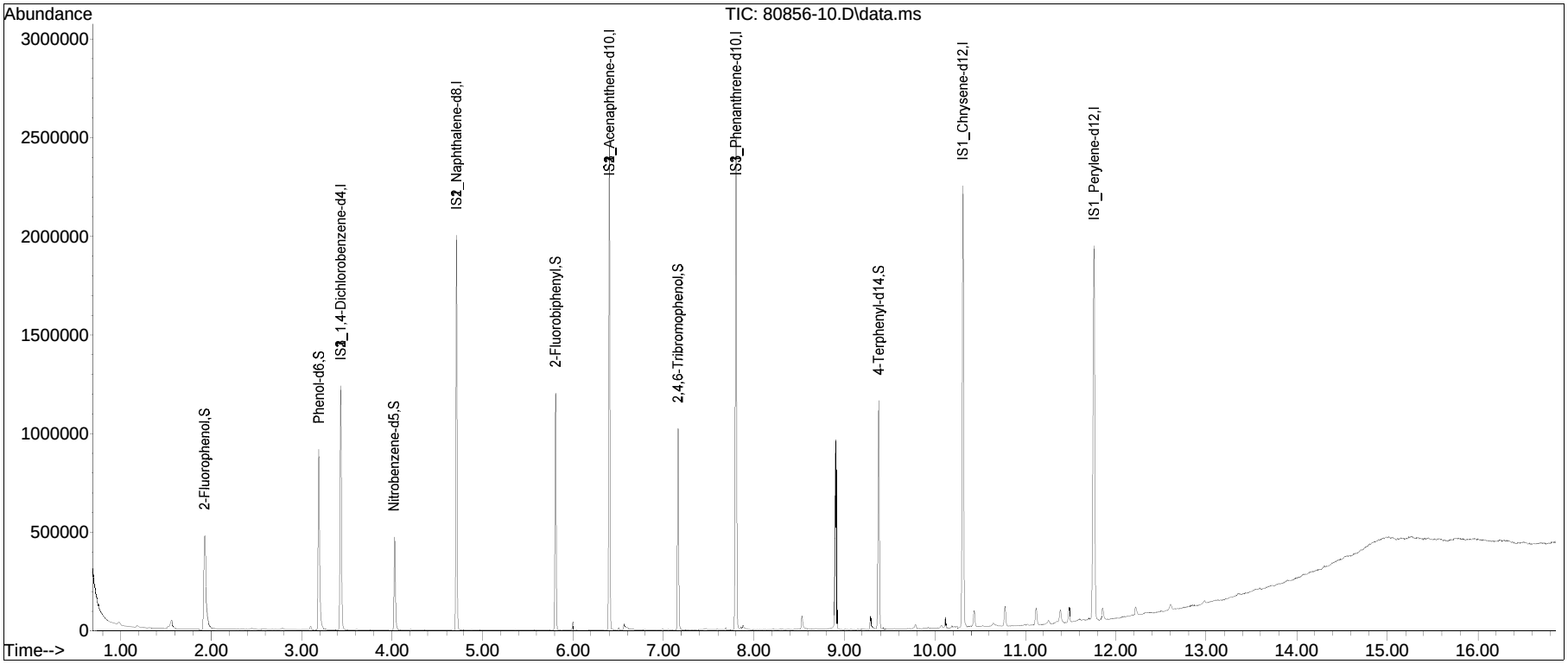
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\260103\
Data File : 80856-10.D
Acq On : 3 Jan 2026 4:10 pm
Operator : SV103:cmm
Sample : L2580856-10,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jan 04 18:41:43 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MA\AP90103.D•



Manual Integration Report

Data Path	: I:\8270\SV103\260103\	QMethod	: FS251116SV103.m
Data File	: 80856-10.D	Operator	: SV103:cmm
Date Inj'd	: 1/3/2026 4:10 pm	Instrument	: SV103
Sample	: L2580856-10,32,,gmr	Quant Date	: 1/3/2026 4:27 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV103\260103\
Data File : 80856-10.D
Acq On : 3 Jan 2026 4:10 pm
Operator : SV103:cmm
Sample : L2580856-10,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 22 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 400 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV103\260103\FS251116SV103.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 80856-10.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.556	297	306	322	rVB	42911	86346	3.60%	0.461%
2	1.931	428	438	474	rBV	476123	871843	36.35%	4.654%
3	3.190	874	881	915	rBV	917166	942616	39.30%	5.032%
4	3.435	958	967	986	rBV	1238566	1241363	51.75%	6.627%
5	4.026	1168	1175	1192	rBV	473537	423156	17.64%	2.259%
6	4.716	1409	1418	1429	rBV	2003820	1646577	68.65%	8.790%
7	5.810	1795	1803	1811	rBV	1202406	939601	39.17%	5.016%
8	5.995	1859	1868	1875	rVB	39121	33977	1.42%	0.181%
9	6.401	2002	2011	2020	rBV	2561351	2039871	85.05%	10.890%
10	6.563	2062	2068	2075	rBV	28503	35004	1.46%	0.187%
11	7.163	2271	2279	2298	rBV	1021485	902893	37.64%	4.820%
12	7.802	2493	2504	2516	rBV	2504417	2214875	92.34%	11.824%
13	7.876	2526	2530	2544	rVB3	18507	25998	1.08%	0.139%
14	8.526	2753	2759	2776	rBV	66897	80178	3.34%	0.428%
15	8.907	2878	2893	2903	rVB	958026	914525	38.13%	4.882%
16	9.285	3019	3026	3036	rBV2	69115	82157	3.43%	0.439%
17	9.379	3050	3059	3068	rBV	1157000	1004113	41.86%	5.360%
18	10.112	3310	3317	3325	rBV2	51763	53222	2.22%	0.284%
19	10.311	3378	3387	3402	rVB2	2234884	2224596	92.75%	11.876%
20	10.436	3425	3431	3442	rVB	82144	91867	3.83%	0.490%
21	10.774	3541	3550	3560	rBV	100123	113371	4.73%	0.605%
22	11.123	3665	3673	3682	rBV	86303	107928	4.50%	0.576%
23	11.388	3759	3766	3780	rVB3	66925	96637	4.03%	0.516%
24	11.484	3794	3800	3809	rVB	74348	90754	3.78%	0.484%
25	11.763	3886	3898	3910	rVB2	1892599	2398546	100.00%	12.804%
26	11.854	3925	3930	3941	rVB3	54545	70333	2.93%	0.375%

LSC Area Percent Report

Data Path : I:\8270\SV103\260103\
Data File : 80856-10.D
Acq On : 3 Jan 2026 4:10 pm
Operator : SV103:cmm
Sample : L2580856-10,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 22 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 400 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV103\260103\FS251116SV103.m
Title : Semivolatiles by GC/MS by modified 8270

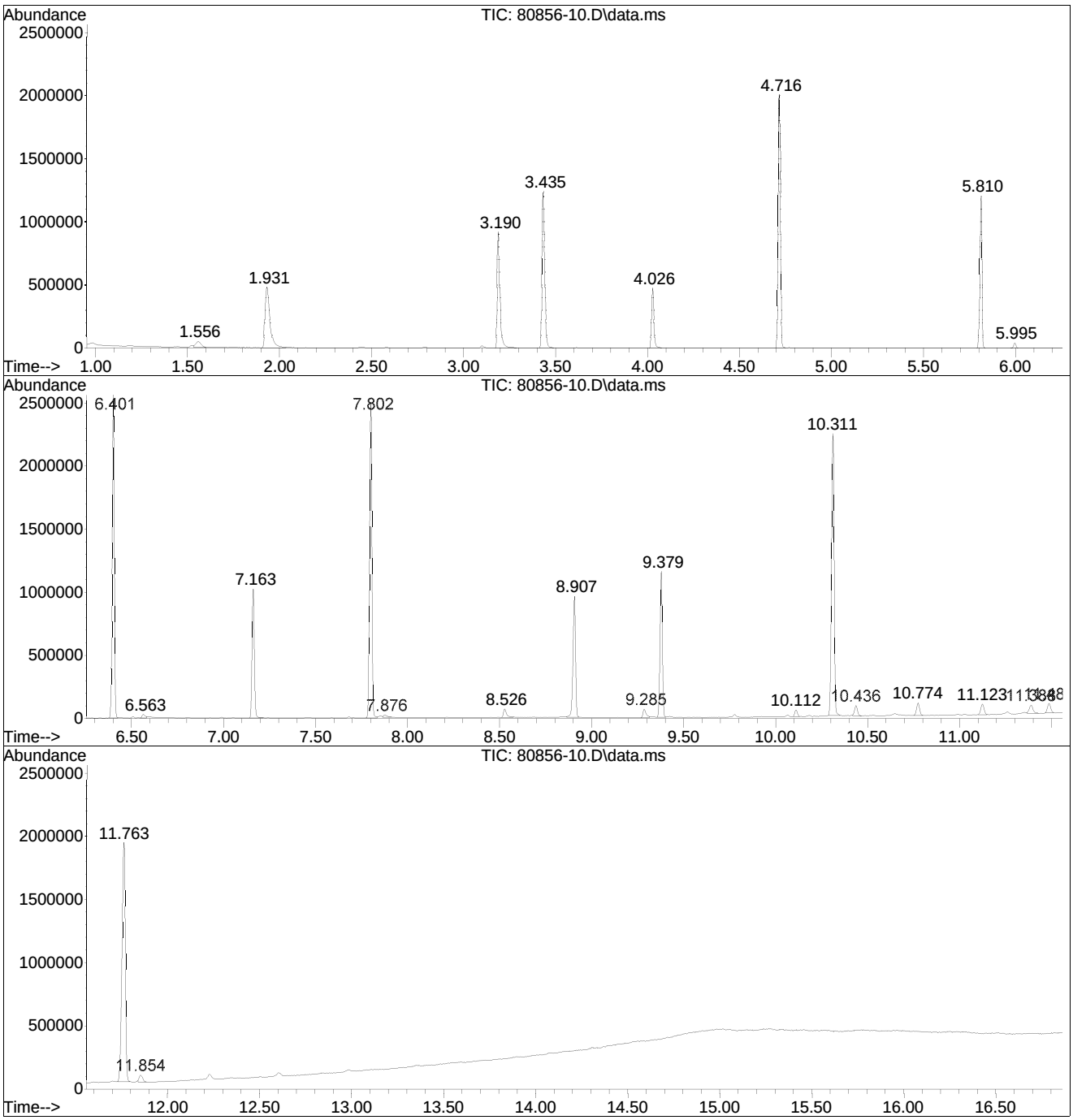
Sum of corrected areas: 18732347

LSC Report - Integrated Chromatogram

Data Path : I:\8270\SV103\260103\
Data File : 80856-10.D
Acq On : 3 Jan 2026 4:10 pm
Operator : SV103:cmm
Sample : L2580856-10,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 22 Sample Multiplier: 1

Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : I:\8270\SV103\260103\
Data File : 80856-10.D
Acq On : 3 Jan 2026 4:10 pm
Operator : SV103:cmm
Sample : L2580856-10,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 22 Sample Multiplier: 1

Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270

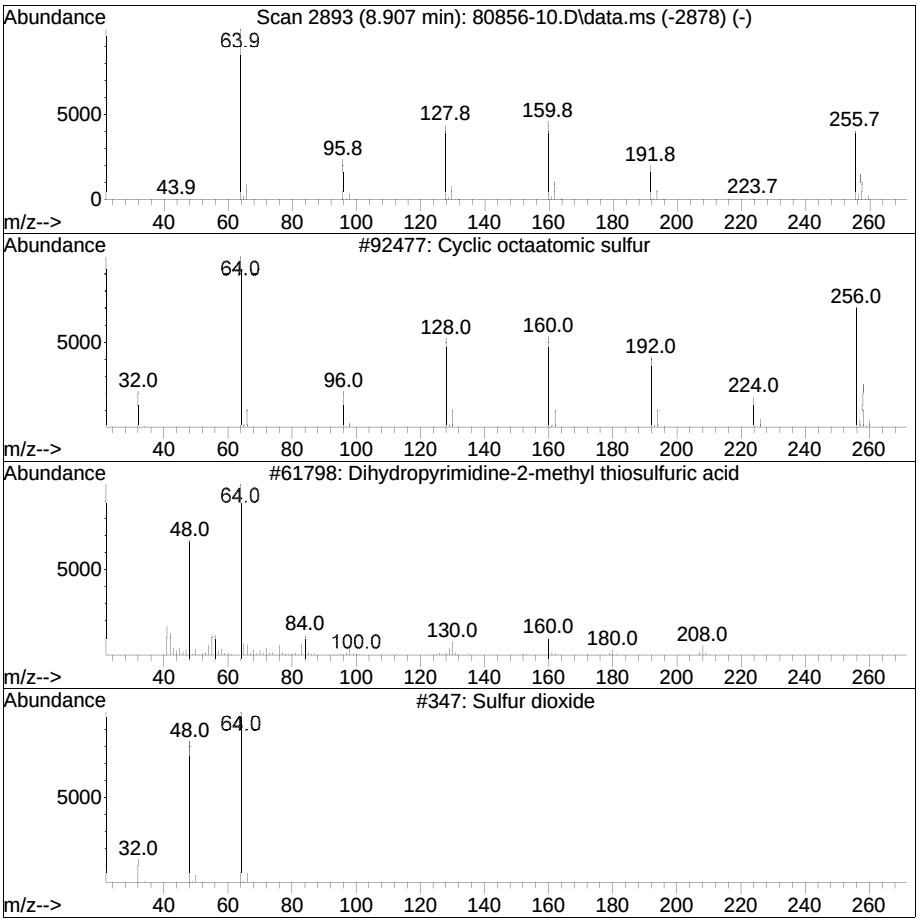
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

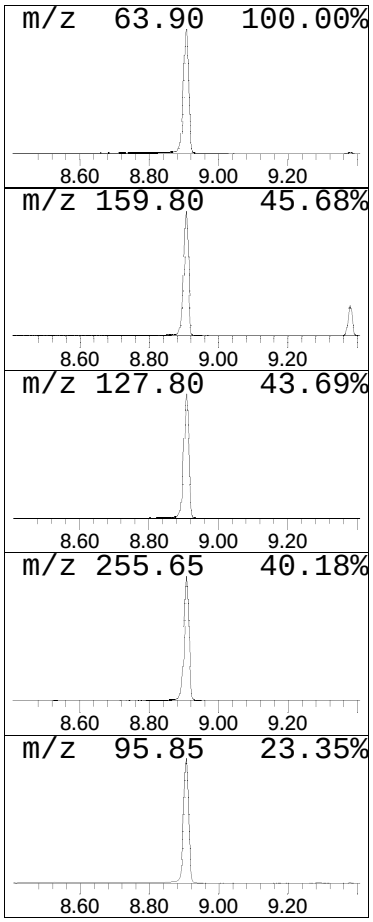
****

Peak Number 1 Unknown Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.907	16.52 ug/ml	914525	IS3_Phenanthrene-d10	7.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclic octaatomic sulfur	256	S8	010544-50-0	49
2	Dihydropyrimidine-2-methyl thios...	208	C5H8N2O3S2	1000256-28-8	9
3	Sulfur dioxide	64	O2S	007446-09-5	5
4	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
5	7-Amino-7H-S-triazolo[5,1-c]-S-t...	156	C3H4N6S	013728-28-4	4





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV103\260103\
Data File : 80856-10.D
Acq On : 3 Jan 2026 4:10 pm
Operator : SV103:cmm
Sample : L2580856-10,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 22 Sample Multiplier: 1

Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	8.907	16.5	ug/ml	914525	11	7.802	2214880	40.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\260103\
Data File : 80856-11.D
Acq On : 3 Jan 2026 4:31 pm
Operator : SV103:cmm
Sample : L2580856-11,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 04 18:43:05 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.434	152	189781	40.000	ug/ml	# 0.00
Standard Area 1 = 229319			Recovery = 82.76%			
27) IS2_1,4-Dichlorobenzen...	3.434	152	189781	40.000	ug/ml	# 0.00
Standard Area 3 = 206396			Recovery = 91.95%			
32) IS3_1,4-Dichlorobenzen...	3.434	152	189781	40.000	ug/ml	# 0.00
Standard Area 2 = 203595			Recovery = 93.21%			
35) IS1_Naphthalene-d8	4.716	136	722723	40.000	ug/ml	0.00
Standard Area 1 = 878891			Recovery = 82.23%			
55) IS2_Naphthalene-d8	4.716	136	722723	40.000	ug/ml	0.00
Standard Area 3 = 813634			Recovery = 88.83%			
63) IS1_Acenaphthene-d10	6.401	164	423975	40.000	ug/ml	0.00
Standard Area 1 = 498403			Recovery = 85.07%			
83) IS2_Acenaphthene-d10	6.401	164	423975	40.000	ug/ml	0.00
Standard Area 3 = 466338			Recovery = 90.92%			
86) IS3_Acenaphthene-d10	6.401	164	423975	40.000	ug/ml	0.00
Standard Area 2 = 454716			Recovery = 93.24%			
88) IS1_Phenanthrene-d10	7.802	188	805783	40.000	ug/ml	# 0.00
Standard Area 1 = 991330			Recovery = 81.28%			
100) IS3_Phenanthrene-d10	7.802	188	805783	40.000	ug/ml	# 0.00
Standard Area 2 = 916227			Recovery = 87.95%			
104) IS1_Chrysene-d12	10.313	240	708318	40.000	ug/ml	0.00
Standard Area 1 = 937828			Recovery = 75.53%			
113) IS1_Perylene-d12	11.763	264	808675	40.000	ug/ml	0.01
Standard Area 1 = 1017246			Recovery = 79.50%			
System Monitoring Compounds						
4) 2-Fluorophenol	1.931	112	184052	33.782	ug/ml	0.02
Spiked Amount 50.000	Range 15 - 110		Recovery = 67.56%			
7) Phenol-d6	3.190	99	263069	39.317	ug/ml	0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 78.63%			
19) Nitrobenzene-d5	4.025	82	116837	20.910	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 83.64%			
46) 2-Fluorobiphenyl	5.810	172	274600	18.216	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 72.86%			
79) 2,4,6-Tribromophenol	7.162	330	92239	43.271	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 86.54%			

Data Path : I:\8270\SV103\260103\
Data File : 80856-11.D
Acq On : 3 Jan 2026 4:31 pm
Operator : SV103:cmm
Sample : L2580856-11,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 04 18:43:05 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	9.379	244	311223	15.487	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 61.95%

Target Compounds						Qvalue
6) 2-Chlorophenol	3.221	128	60726	10.001	ug/ml	99
8) Phenol	3.204	94	3975	0.501	ug/ml#	1
9) Bis(2-chloroethyl)ether	0.000		0	N.D.	d	
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		
15) 2-Methylphenol	0.000		0	N.D.		
16) Hexachloroethane	0.000		0	N.D.	d	
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	d	
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.	d	
21) Isophorone	0.000		0	N.D.	d	
22) 2-Nitrophenol	0.000		0	N.D.		
23) 2,4-Dimethylphenol	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
25) 2,4-Dichlorophenol	0.000		0	N.D.	d	
28) Benzaldehyde	0.000		0	N.D.	d	
29) Acetophenone	0.000		0	N.D.	d	
36) Naphthalene	4.733	128	62213	3.307	ug/ml	99
38) 4-Chloroaniline	0.000		0	N.D.	d	
39) Hexachlorobutadiene	0.000		0	N.D.		
40) p-Chloro-m-cresol	0.000		0	N.D.		
41) 2-Methylnaphthalene	5.423	142	5338	0.453	ug/ml	97
43) Hexachlorocyclopentadiene	0.000		0	N.D.		
44) 2,4,6-Trichlorophenol	0.000		0	N.D.		
45) 2,4,5-Trichlorophenol	0.000		0	N.D.		
47) 2-Chloronaphthalene	0.000		0	N.D.		
48) 2-Nitroaniline	0.000		0	N.D.		
51) Dimethyl phthalate	0.000		0	N.D.		
52) Acenaphthylene	0.000		0	N.D.	d	
53) 2,6-Dinitrotoluene	0.000		0	N.D.		
60) Caprolactam	0.000		0	N.D.	d	
61) 1,2,4,5-Tetrachloroben...	5.574	216	9832	1.443	ug/ml#	83
62) Biphenyl	5.889	154	2172	0.141	ug/ml	93
64) 3-Nitroaniline	0.000		0	N.D.		

Data Path : I:\8270\SV103\260103\
Data File : 80856-11.D
Acq On : 3 Jan 2026 4:31 pm
Operator : SV103:cmm
Sample : L2580856-11,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 04 18:43:05 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
65) Acenaphthene	6.429	154	6617	0.558 ug/ml#	90
66) 2,4-Dinitrophenol	0.000		0	N.D.	
67) Dibenzofuran	6.603	168	12544	0.646 ug/ml	93
68) 2,4-Dinitrotoluene	0.000		0	N.D.	
69) 4-Nitrophenol	0.000		0	N.D.	
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.	
72) Diethyl phthalate	0.000		0	N.D. d	
73) Fluorene	6.927	166	14986	0.990 ug/ml	100
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.	
75) 4-Nitroaniline	0.000		0	N.D.	
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.	
77) NDPA/DPA	0.000		0	N.D. d	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.	
81) Hexachlorobenzene	7.444	284	16792M2	2.964 ug/ml	
82) Pentachlorophenol	0.000		0	N.D.	
87) Atrazine	0.000		0	N.D.	
89) Phenanthrene	7.822	178	98893	4.399 ug/ml	99
90) Anthracene	7.870	178	21254	0.953 ug/ml#	87
91) Carbazole	8.066	167	8930	0.442 ug/ml	95
92) Di-n-butylphthalate	0.000		0	N.D. d	
93) Fluoranthene	8.944	202	91144	3.618 ug/ml	97
95) Pyrene	9.143	202	77313	2.907 ug/ml	97
97) Butyl benzyl phthalate	0.000		0	N.D.	
105) Benzo(a)anthracene	10.305	228	35011	1.493 ug/ml#	90
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.	
107) Chrysene	10.333	228	26662	1.208 ug/ml	95
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D. d	
109) Di-n-octylphthalate	0.000		0	N.D. d	
110) Benzo(b)fluoranthene	11.376	252	35175	1.542 ug/ml#	93
111) Benzo(k)fluoranthene	11.402	252	12951M3	0.582 ug/ml	
112) Benzo(a)pyrene	11.694	252	23849	1.128 ug/ml	94
114) Indeno(1,2,3-cd)pyrene	12.845	276	13950	0.643 ug/mL	96
115) Dibenzo(a,h)anthracene	12.882	278	3539	0.162 ug/ml#	73
116) Benzo(ghi)perylene	13.084	276	12716	0.590 ug/ml#	91

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

Data Path : I:\8270\SV103\260103\
Data File : 80856-11.D
Acq On : 3 Jan 2026 4:31 pm
Operator : SV103:cmm
Sample : L2580856-11,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 04 18:43:05 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

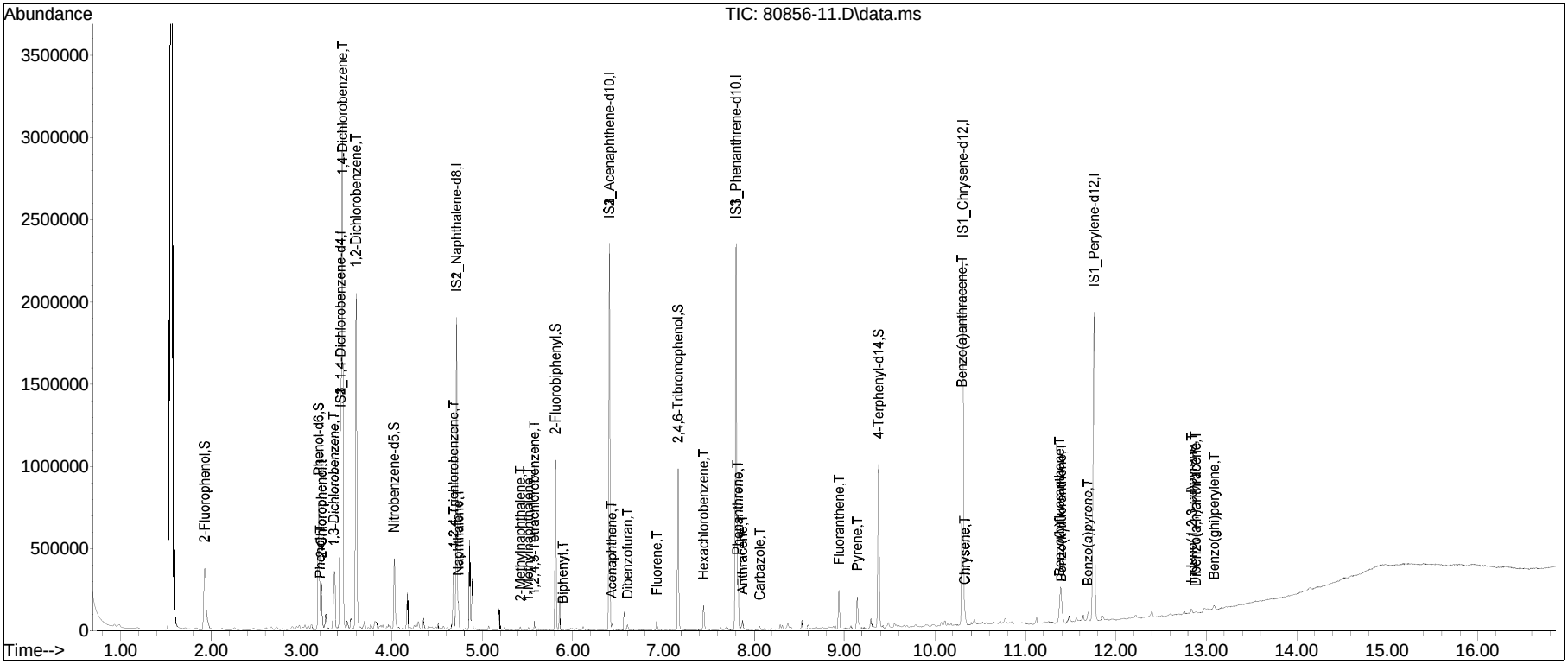
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

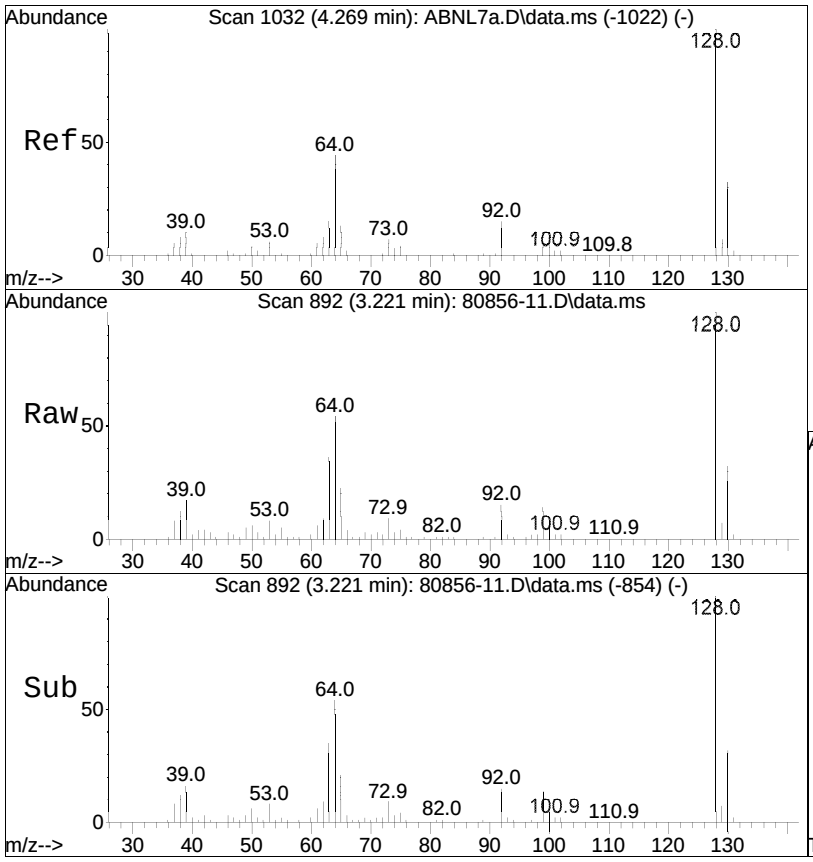
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\260103\
Data File : 80856-11.D
Acq On : 3 Jan 2026 4:31 pm
Operator : SV103:cmm
Sample : L2580856-11,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jan 04 18:43:05 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MA\AP90103.D•

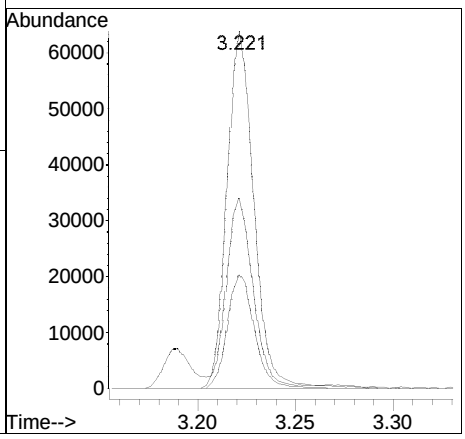


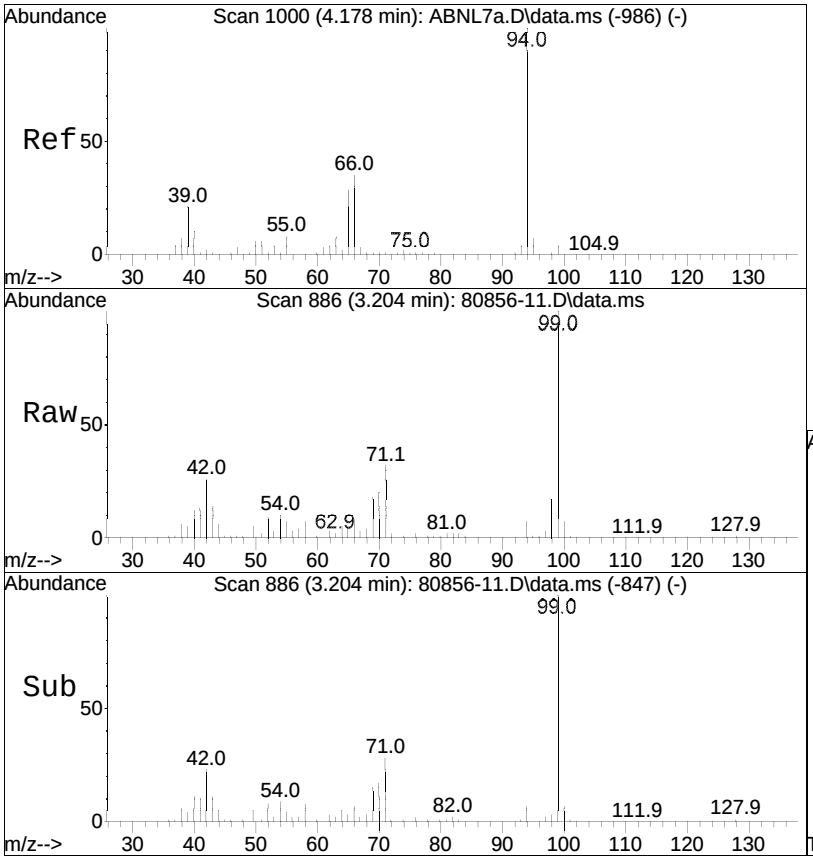


#6
2-Chlorophenol
Concen: 10.00 ug/ml
RT: 3.221 min Scan# 892
Delta R.T. 0.008 min
Lab File: 80856-11.D
Acq: 3 Jan 2026 4:31 pm

Tgt Ion:128 Resp: 60726

Ion	Ratio	Lower	Upper
128	100		
64	51.8	42.7	64.1
130	32.3	25.8	38.6

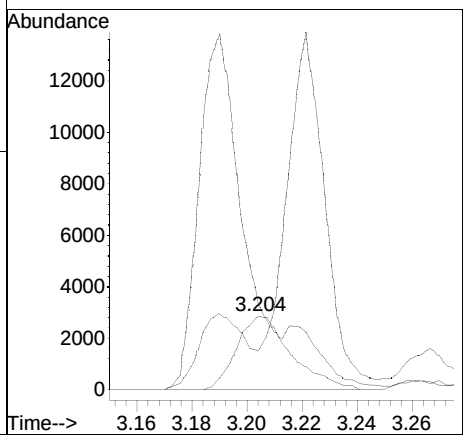


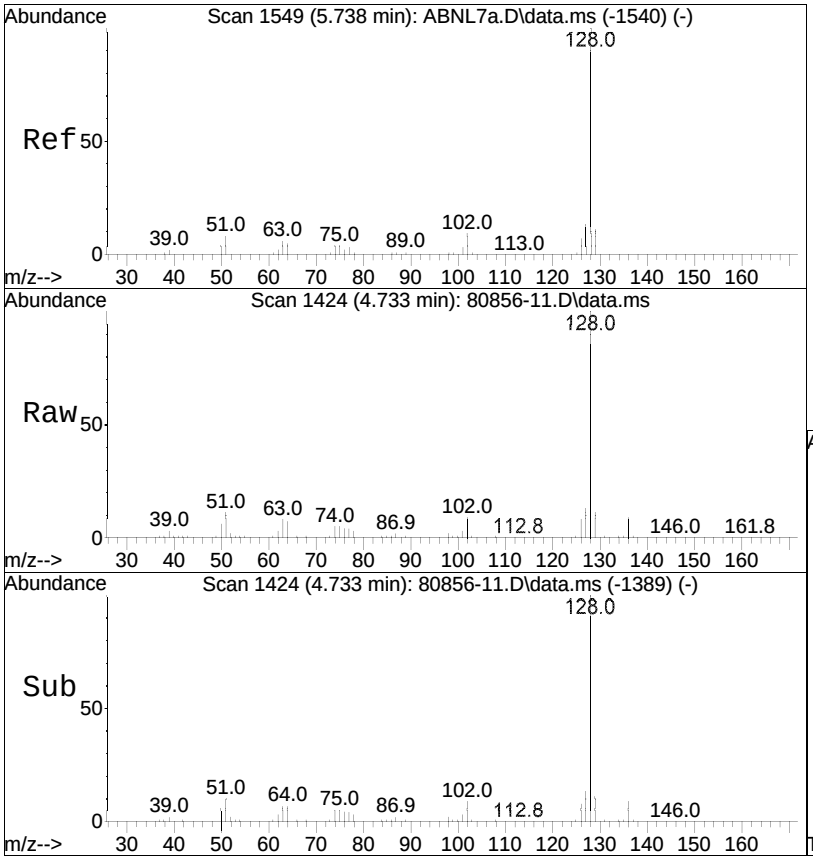


#8
Phenol
Concen: 0.50 ug/ml
RT: 3.204 min Scan# 886
Delta R.T. 0.011 min
Lab File: 80856-11.D
Acq: 3 Jan 2026 4:31 pm

Tgt Ion: 94 Resp: 3975

Ion	Ratio	Lower	Upper
94	100		
65	89.5	20.5	30.7#
66	384.6	0.0	0.0#

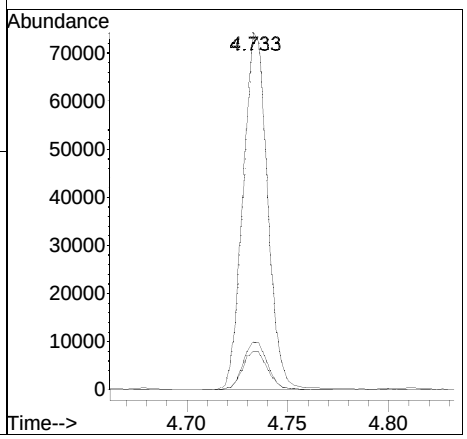


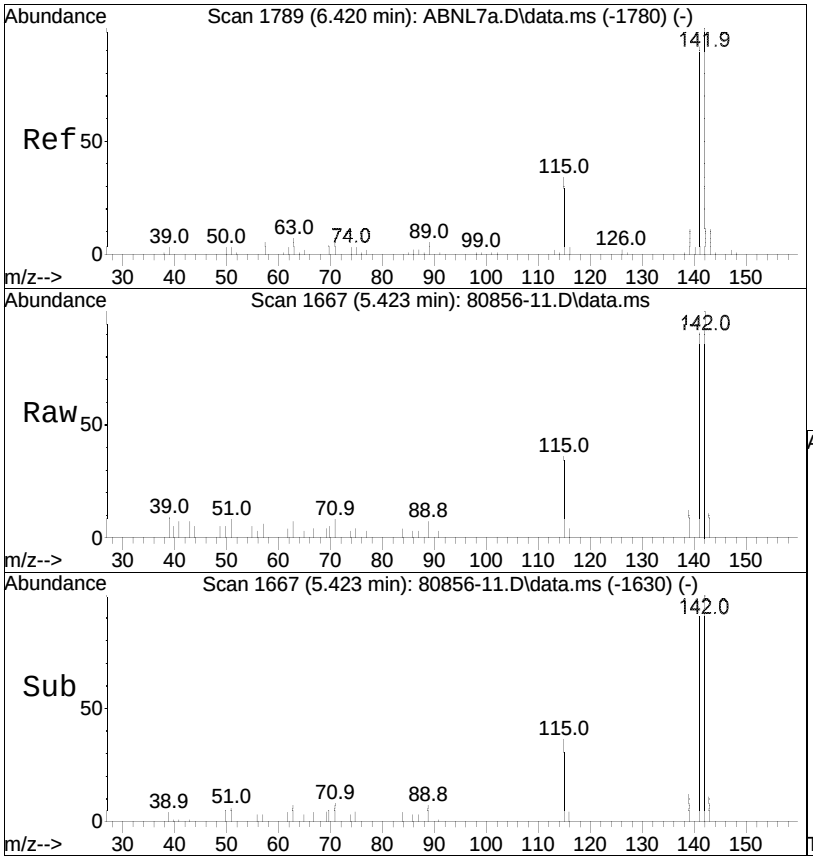


#36
Naphthalene
Concen: 3.31 ug/ml
RT: 4.733 min Scan# 1424
Delta R.T. -0.000 min
Lab File: 80856-11.D
Acq: 3 Jan 2026 4:31 pm

Tgt Ion:128 Resp: 62213

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.7	13.1
127	13.5	10.7	16.1

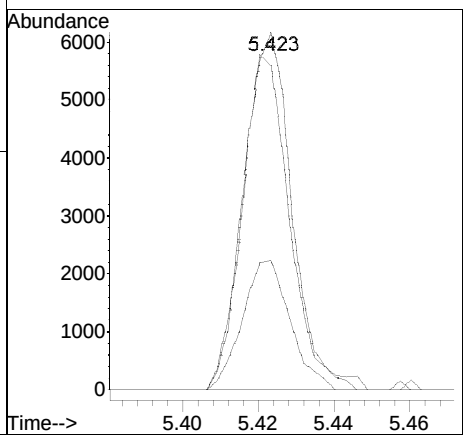


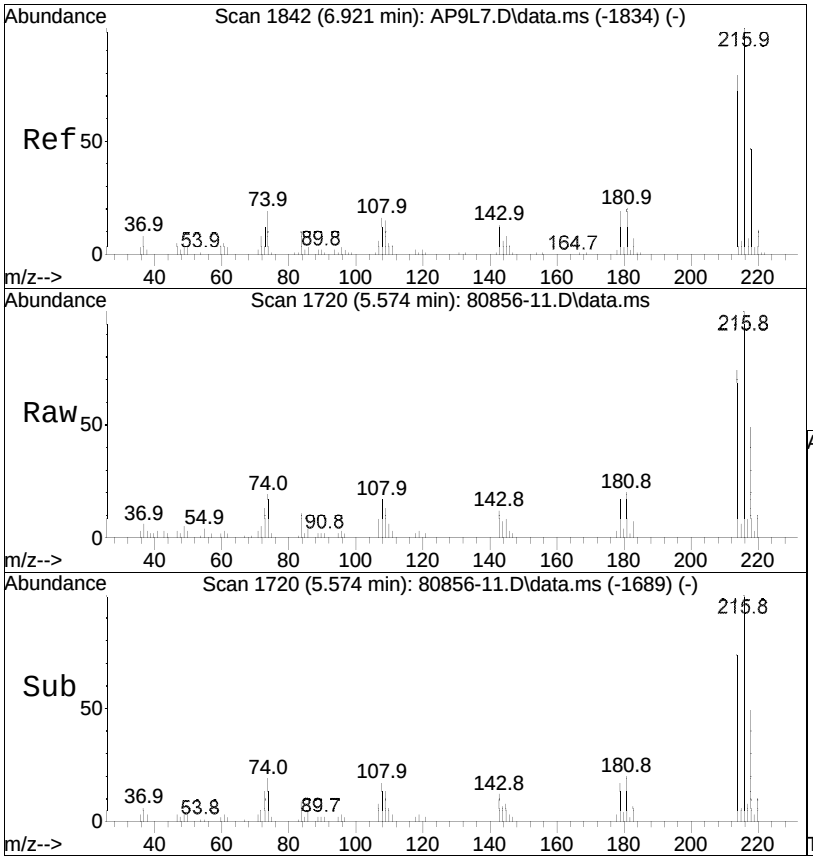


#41
2-Methylnaphthalene
Concen: 0.45 ug/ml
RT: 5.423 min Scan# 1667
Delta R.T. 0.005 min
Lab File: 80856-11.D
Acq: 3 Jan 2026 4:31 pm

Tgt Ion:142 Resp: 5338

Ion	Ratio	Lower	Upper
142	100		
141	94.0	71.8	107.8
115	36.6	29.1	43.7

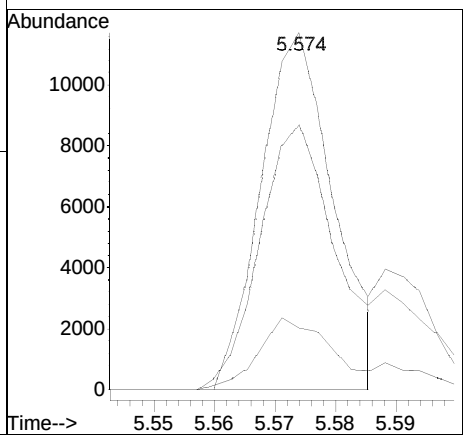


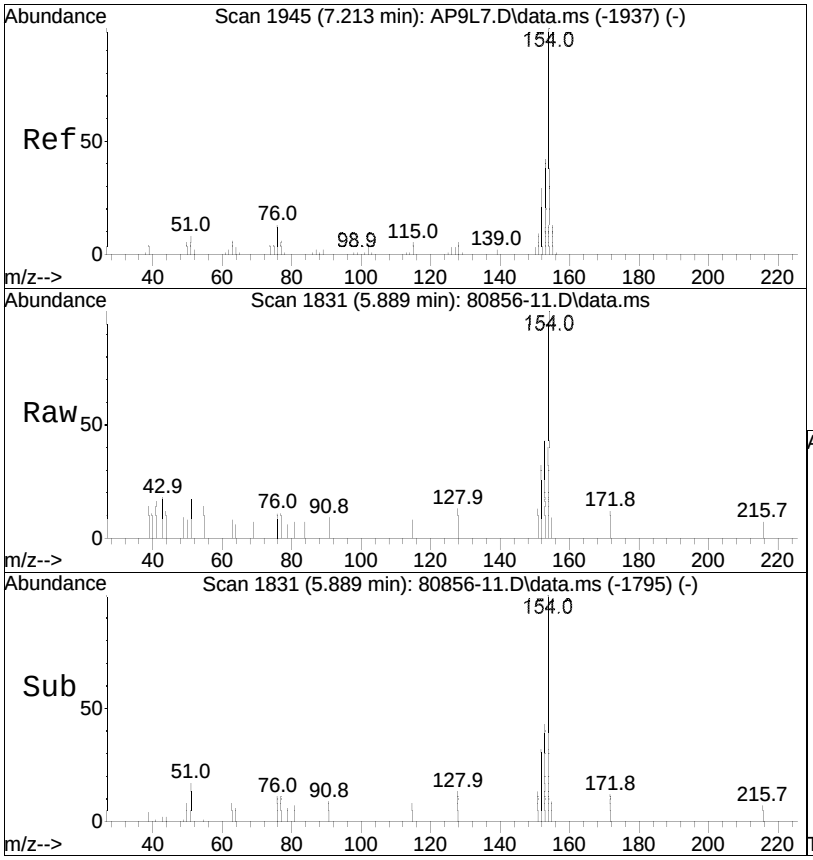


#61
1,2,4,5-Tetrachlorobenzene
Concen: 1.44 ug/ml
RT: 5.574 min Scan# 1720
Delta R.T. -0.011 min
Lab File: 80856-11.D
Acq: 3 Jan 2026 4:31 pm

Tgt Ion:216 Resp: 9832

Ion	Ratio	Lower	Upper
216	100		
214	97.5	63.0	94.6#
179	20.2	17.4	26.2

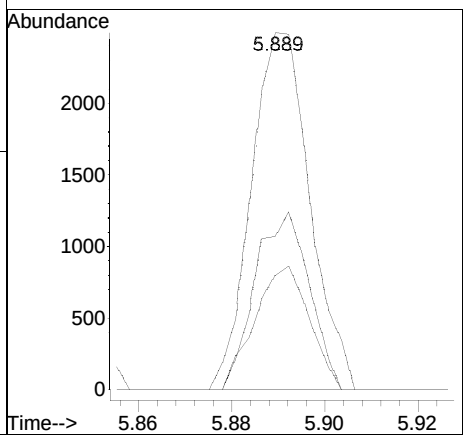


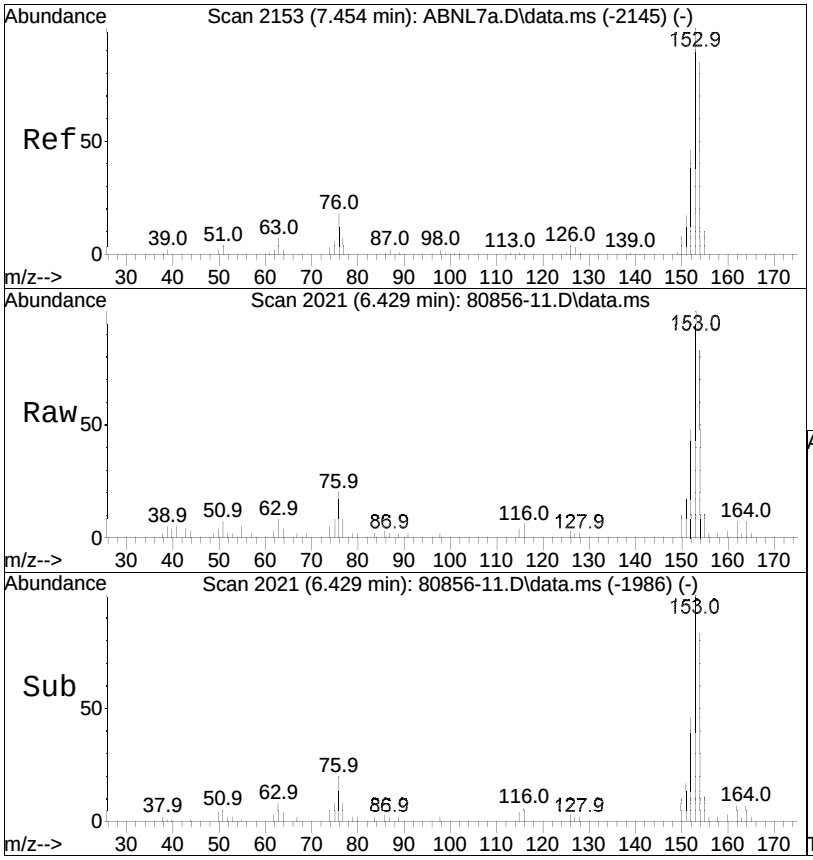


#62
Biphenyl
Concen: 0.14 ug/ml
RT: 5.889 min Scan# 1831
Delta R.T. 0.003 min
Lab File: 80856-11.D
Acq: 3 Jan 2026 4:31 pm

Tgt Ion:154 Resp: 2172

Ion	Ratio	Lower	Upper
154	100		
153	46.0	33.5	50.3
152	32.2	22.6	34.0

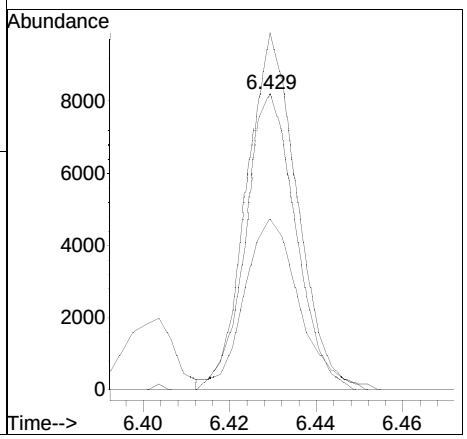


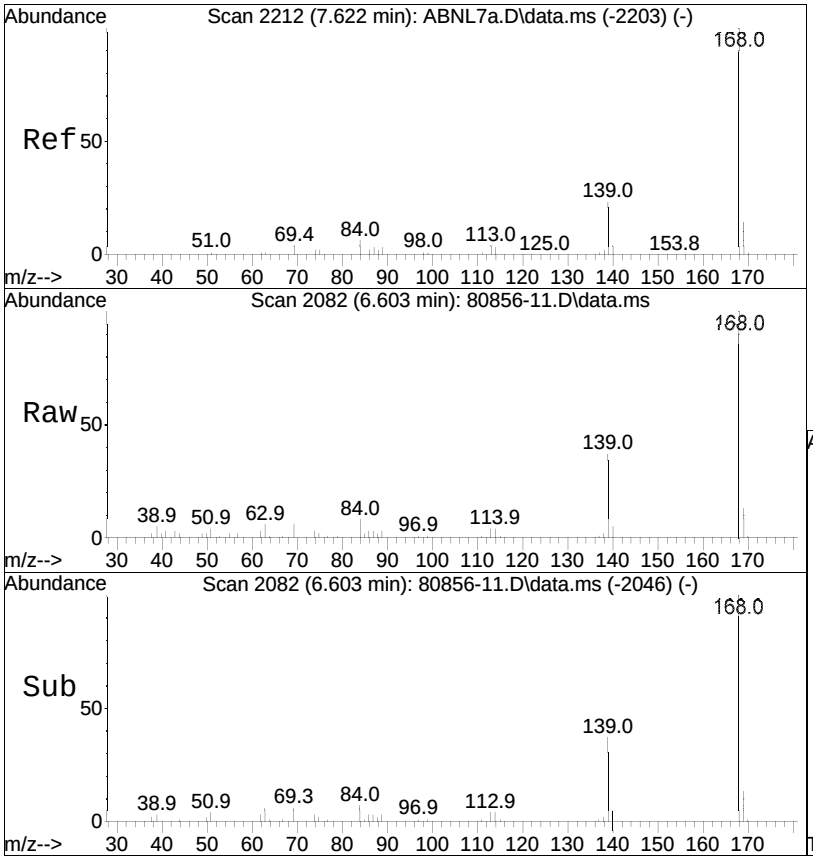


#65
Acenaphthene
Concen: 0.56 ug/ml
RT: 6.429 min Scan# 2021
Delta R.T. -0.000 min
Lab File: 80856-11.D
Acq: 3 Jan 2026 4:31 pm

Tgt Ion:154 Resp: 6617

Ion	Ratio	Lower	Upper
154	100		
153	121.6	91.3	136.9
152	63.2	41.0	61.4#

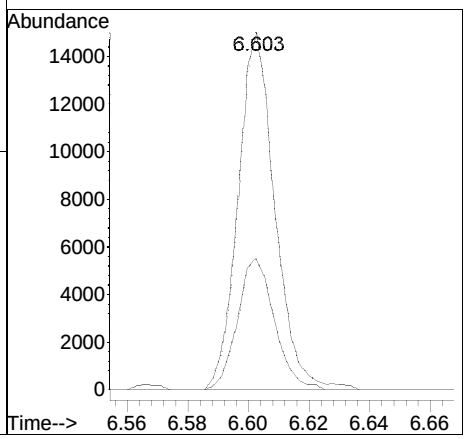


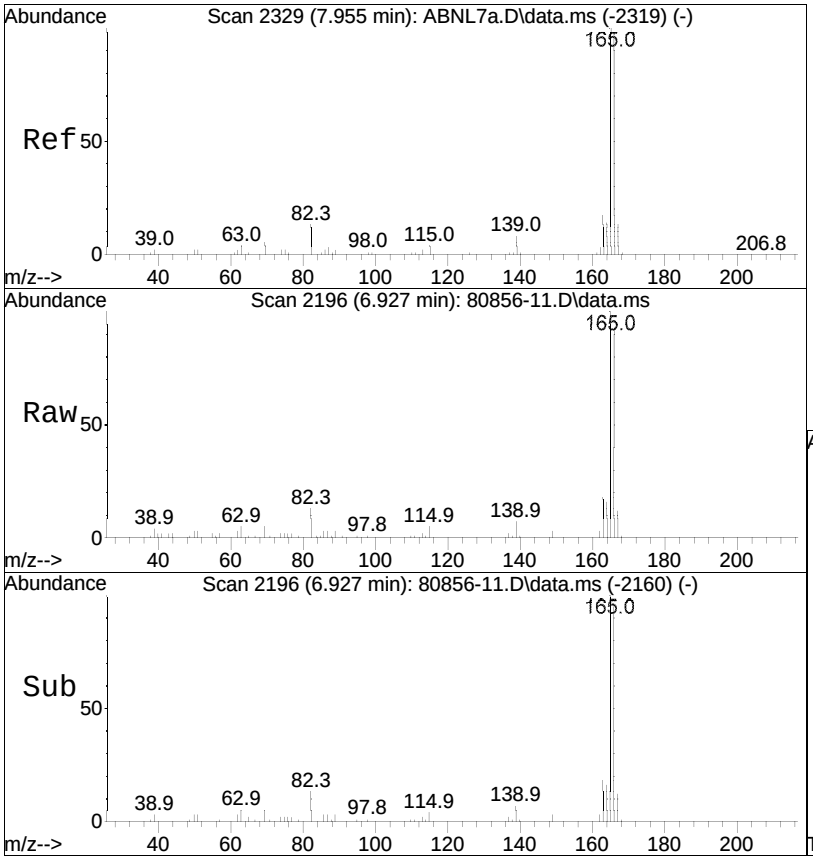


#67
Dibenzofuran
Concen: 0.65 ug/ml
RT: 6.603 min Scan# 2082
Delta R.T. 0.003 min
Lab File: 80856-11.D
Acq: 3 Jan 2026 4:31 pm

Tgt Ion:168 Resp: 12544

Ion	Ratio	Lower	Upper
168	100		
139	37.0	33.2	49.8

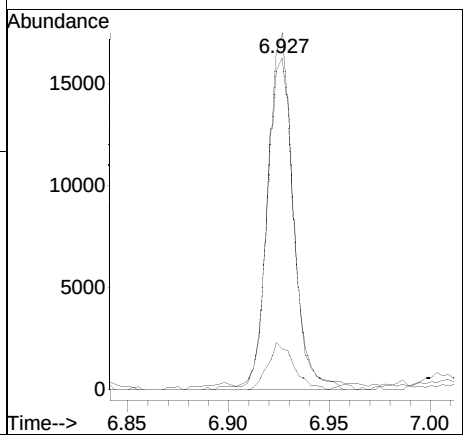


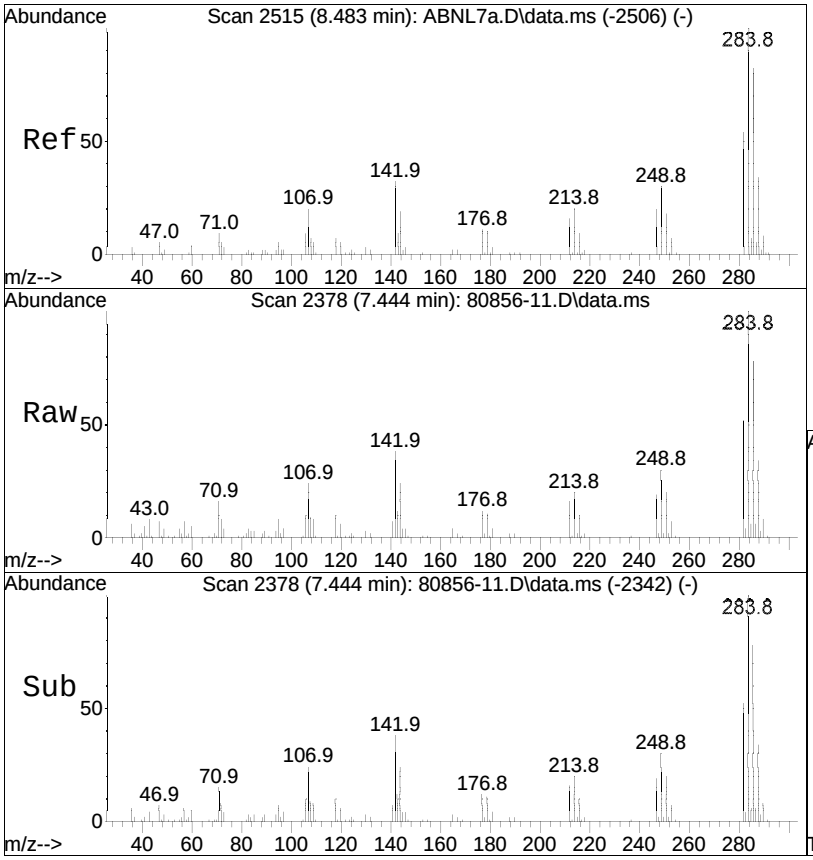


#73
Fluorene
Concen: 0.99 ug/ml
RT: 6.927 min Scan# 2196
Delta R.T. 0.003 min
Lab File: 80856-11.D
Acq: 3 Jan 2026 4:31 pm

Tgt Ion:166 Resp: 14986

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.3	118.9
167	13.9	10.6	16.0

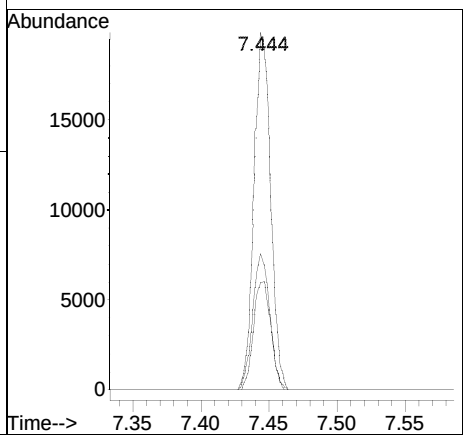


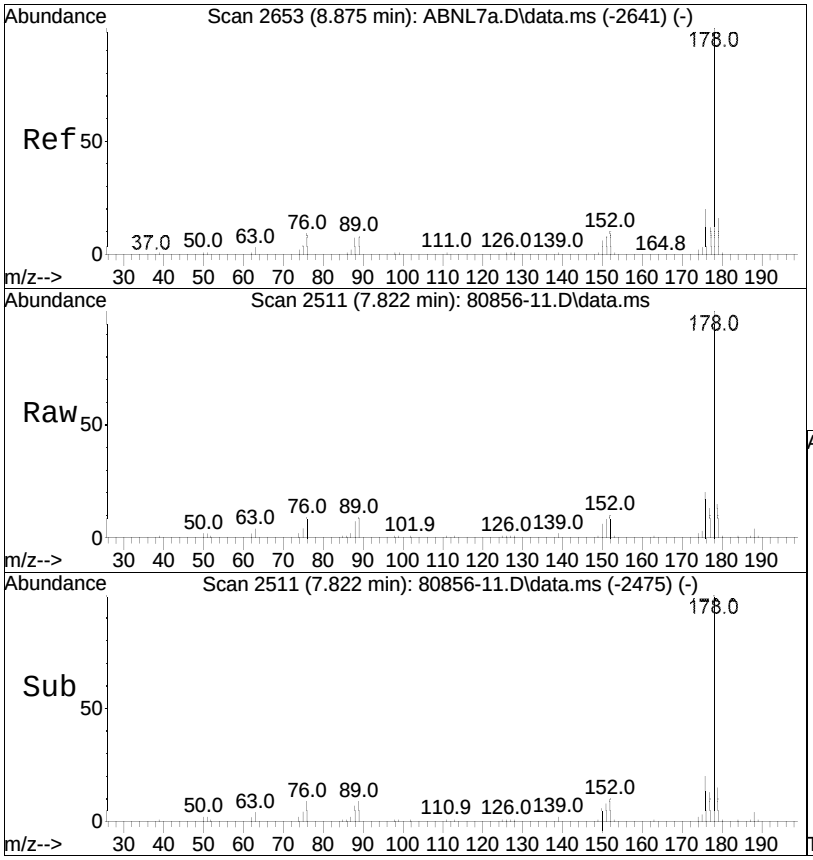


#81
Hexachlorobenzene
Concen: 2.96 ug/ml M2
RT: 7.444 min Scan# 2378
Delta R.T. 0.003 min
Lab File: 80856-11.D
Acq: 3 Jan 2026 4:31 pm

Tgt Ion:284 Resp: 16792

Ion	Ratio	Lower	Upper
284	100		
142	0.0	35.8	53.6#
249	0.0	24.7	37.1#

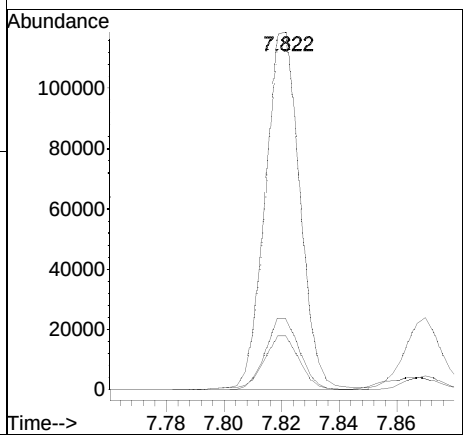


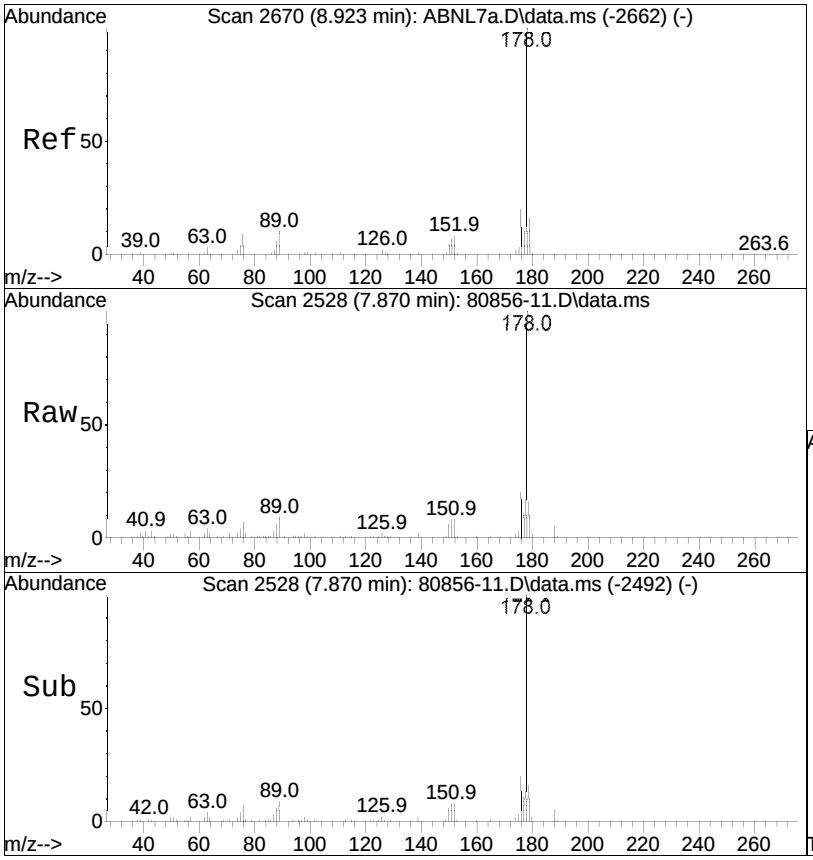


#89
Phenanthrene
Concen: 4.40 ug/ml
RT: 7.822 min Scan# 2511
Delta R.T. 0.003 min
Lab File: 80856-11.D
Acq: 3 Jan 2026 4:31 pm

Tgt Ion:178 Resp: 98893

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.2
176	19.8	15.4	23.2

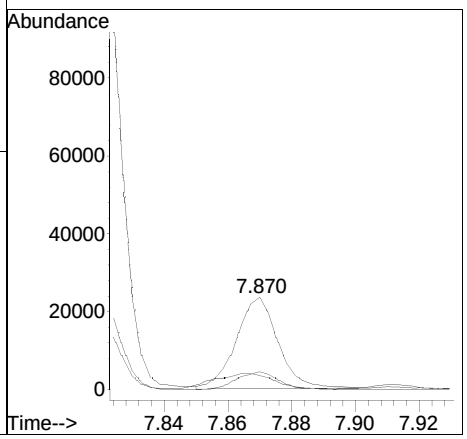


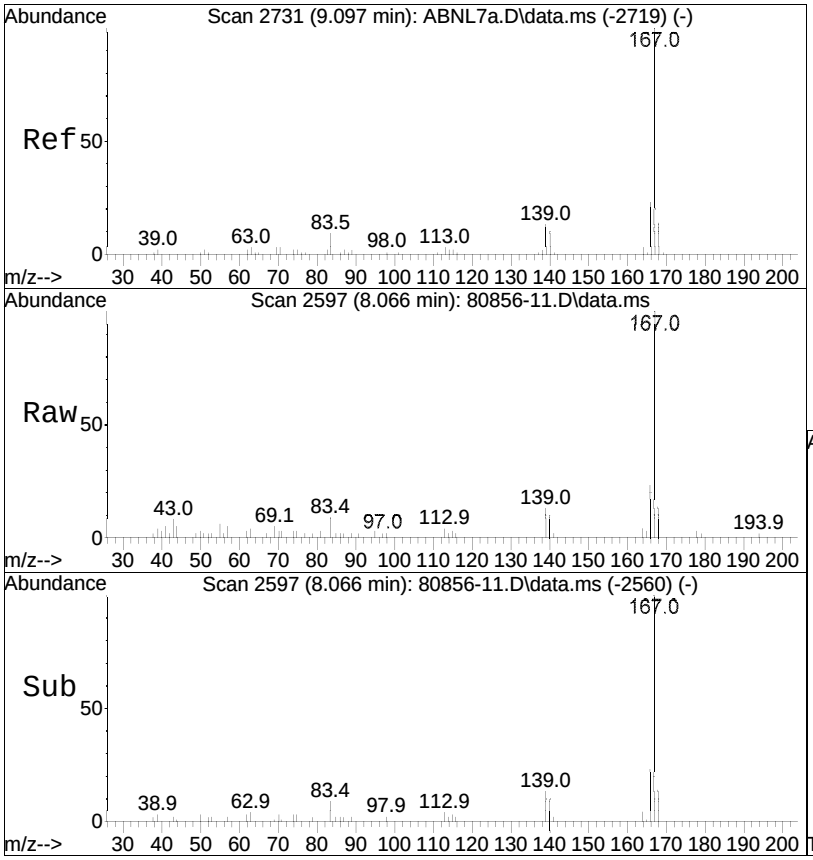


#90
Anthracene
Concen: 0.95 ug/ml
RT: 7.870 min Scan# 2528
Delta R.T. 0.003 min
Lab File: 80856-11.D
Acq: 3 Jan 2026 4:31 pm

Tgt Ion:178 Resp: 21254

Ion	Ratio	Lower	Upper
178	100		
179	24.7	12.1	18.1#
176	20.8	14.8	22.2

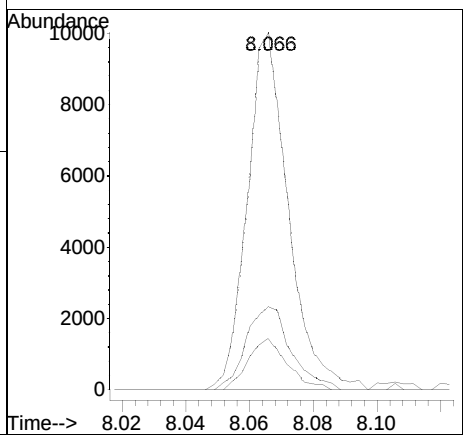


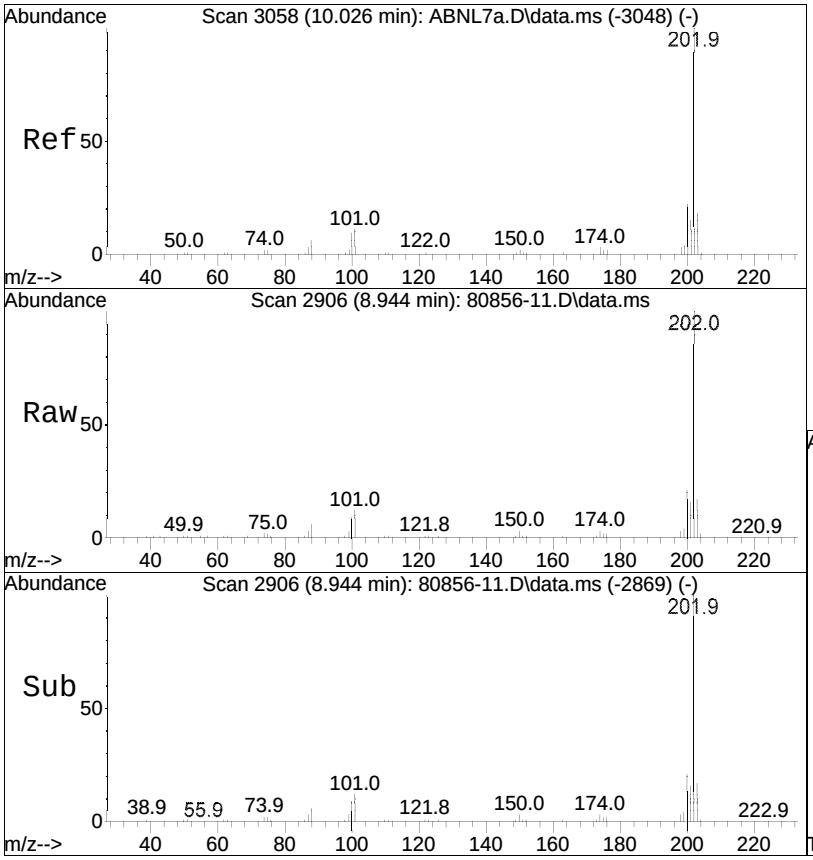


#91
Carbazole
Concen: 0.44 ug/ml
RT: 8.066 min Scan# 2597
Delta R.T. 0.005 min
Lab File: 80856-11.D
Acq: 3 Jan 2026 4:31 pm

Tgt Ion:167 Resp: 8930

Ion	Ratio	Lower	Upper
167	100		
168	13.8	10.6	15.8
166	25.6	17.7	26.5

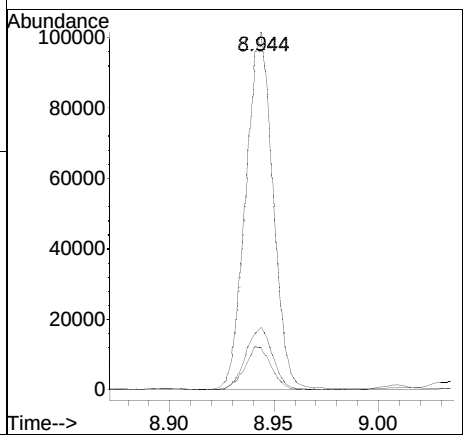


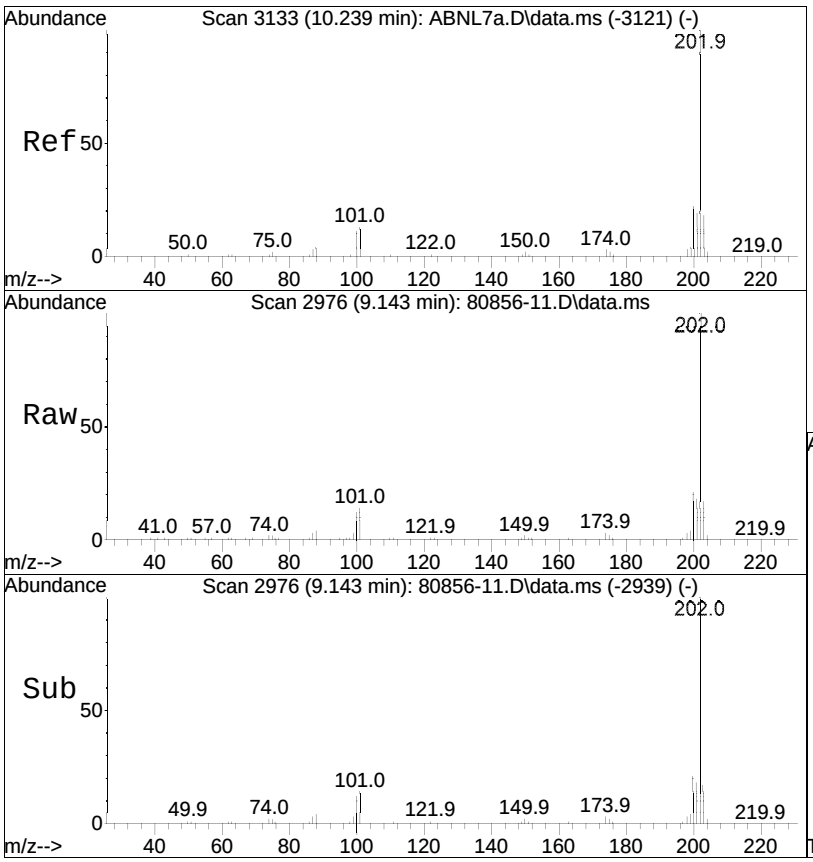


#93
Fluoranthene
Concen: 3.62 ug/ml
RT: 8.944 min Scan# 2906
Delta R.T. 0.005 min
Lab File: 80856-11.D
Acq: 3 Jan 2026 4:31 pm

Tgt Ion:202 Resp: 91144

Ion	Ratio	Lower	Upper
202	100		
101	11.9	11.4	17.0
203	17.7	13.9	20.9

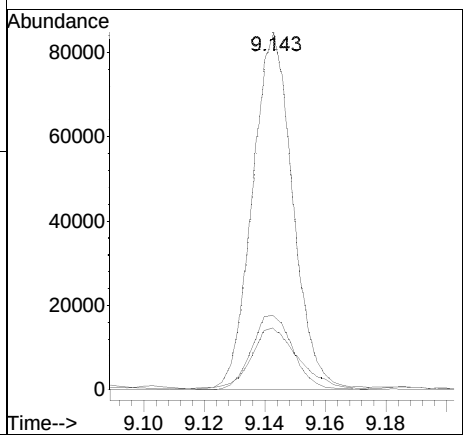


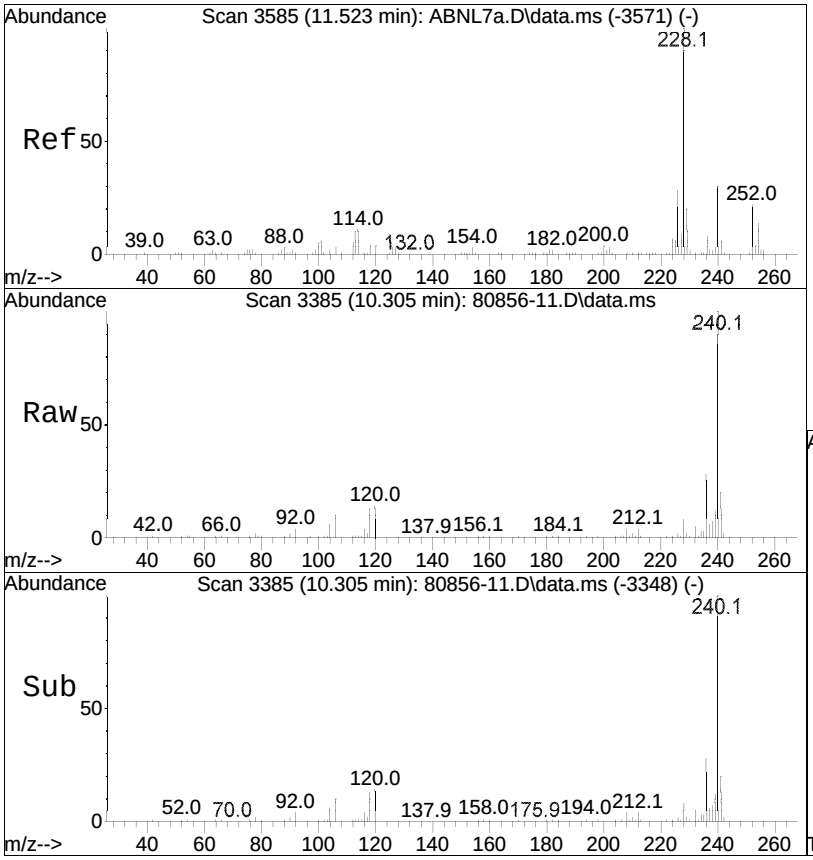


#95
Pyrene
Concen: 2.91 ug/ml
RT: 9.143 min Scan# 2976
Delta R.T. 0.005 min
Lab File: 80856-11.D
Acq: 3 Jan 2026 4:31 pm

Tgt Ion:202 Resp: 77313

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.0	25.4
203	19.9	14.2	21.2

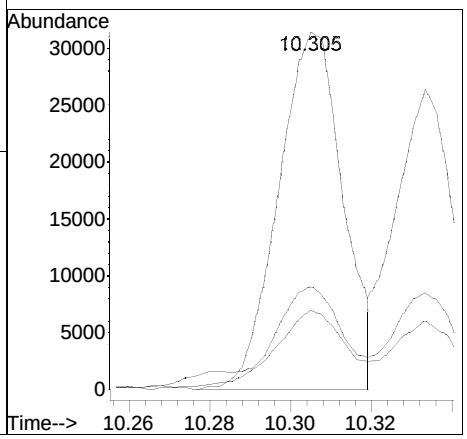


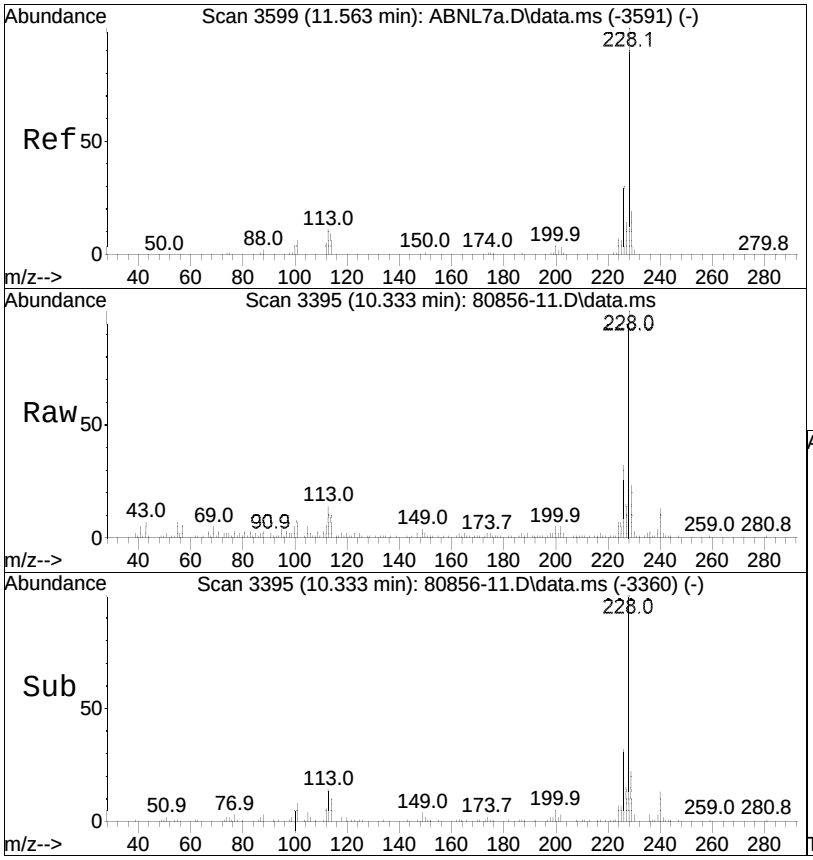


#105
Benzo(a)anthracene
Concen: 1.49 ug/ml
RT: 10.305 min Scan# 3385
Delta R.T. 0.005 min
Lab File: 80856-11.D
Acq: 3 Jan 2026 4:31 pm

Tgt Ion:228 Resp: 35011

Ion	Ratio	Lower	Upper
228	100		
226	34.3	22.2	33.2#
229	22.5	15.6	23.4

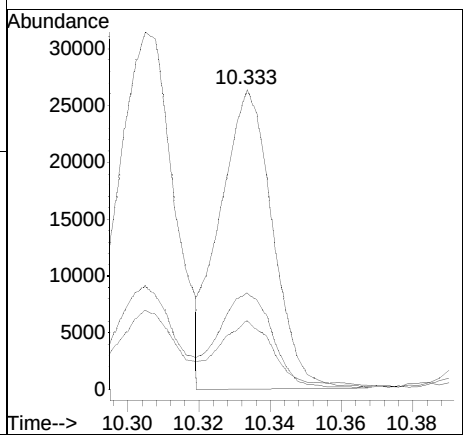


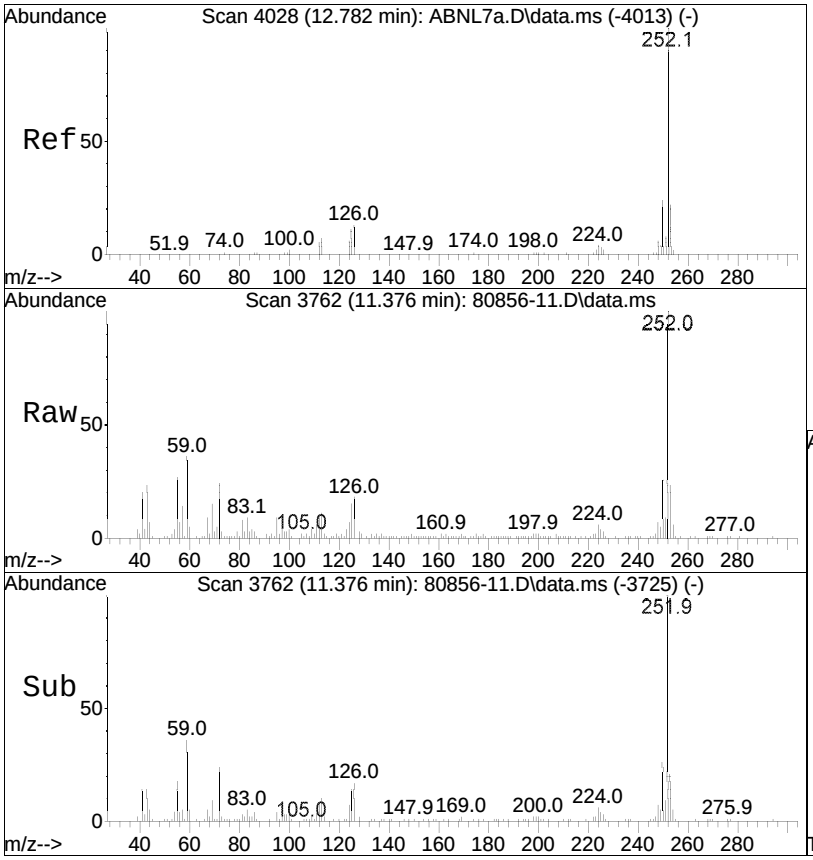


#107
Chrysene
Concen: 1.21 ug/ml
RT: 10.333 min Scan# 3395
Delta R.T. -0.000 min
Lab File: 80856-11.D
Acq: 3 Jan 2026 4:31 pm

Tgt Ion:228 Resp: 26662

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.6	37.0
229	23.4	15.8	23.6

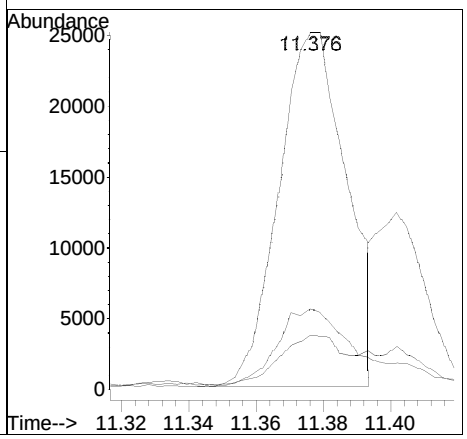


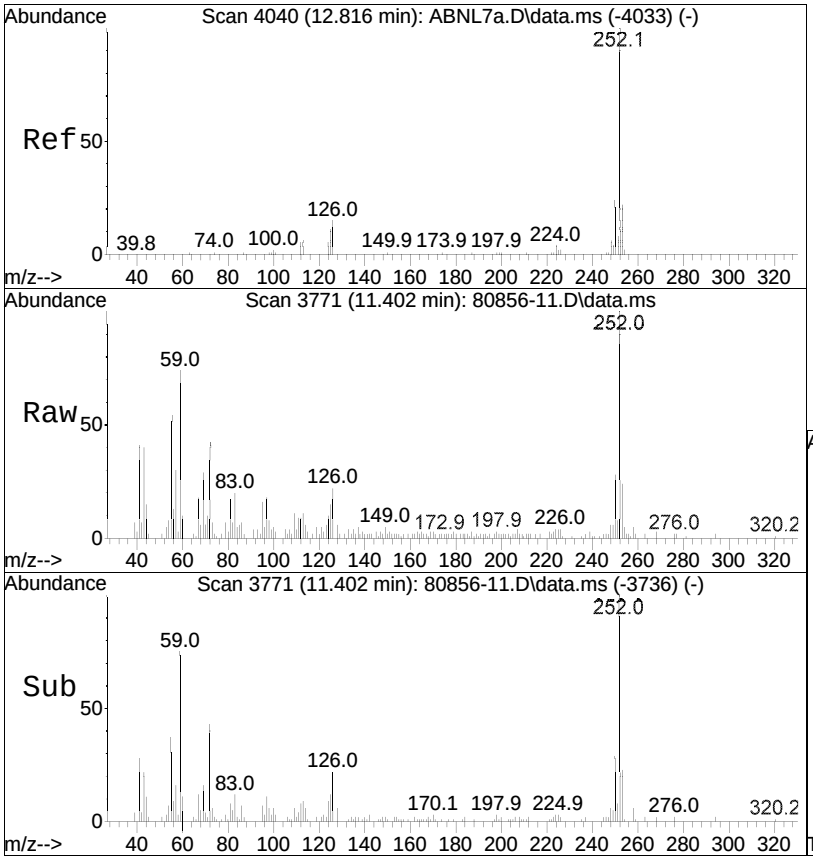


#110
Benzo(b)fluoranthene
Concen: 1.54 ug/ml
RT: 11.376 min Scan# 3762
Delta R.T. 0.005 min
Lab File: 80856-11.D
Acq: 3 Jan 2026 4:31 pm

Tgt Ion:252 Resp: 35175

Ion	Ratio	Lower	Upper
252	100		
125	20.7	11.6	17.4#
253	22.5	17.4	26.0

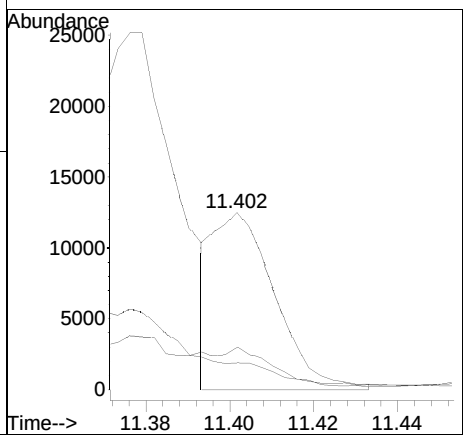


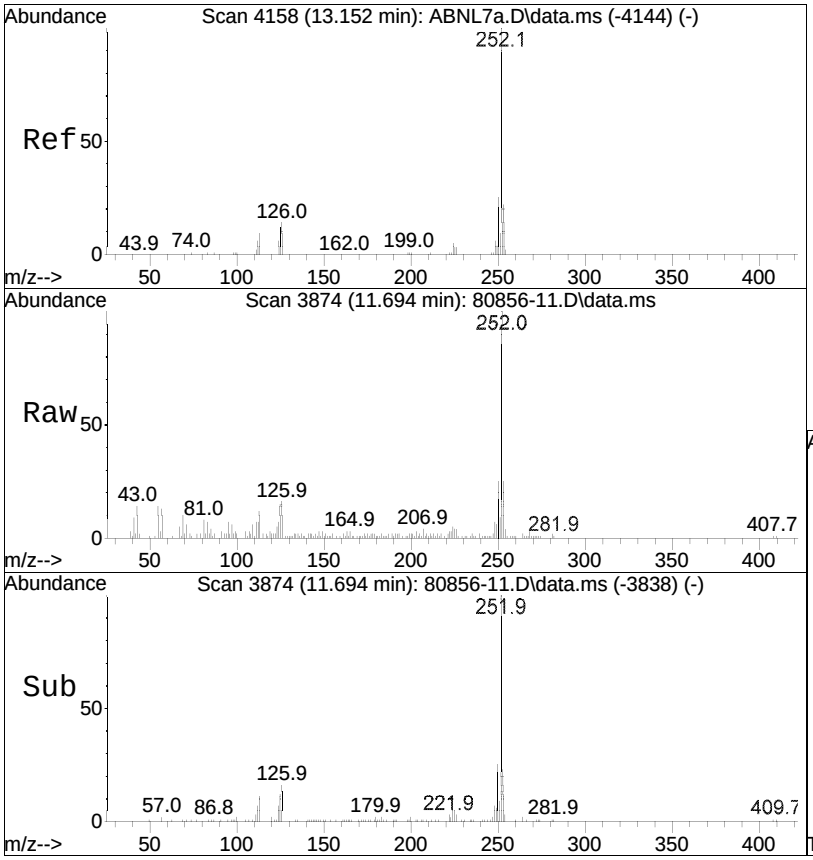


#111
Benzo(k)fluoranthene
Concen: 0.58 ug/ml M3
RT: 11.402 min Scan# 3771
Delta R.T. -0.000 min
Lab File: 80856-11.D
Acq: 3 Jan 2026 4:31 pm

Tgt Ion:252 Resp: 12951

Ion	Ratio	Lower	Upper
252	100		
125	56.2	11.4	17.0#
253	61.1	17.2	25.8#

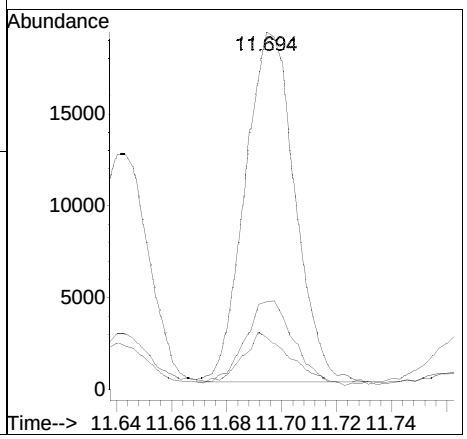


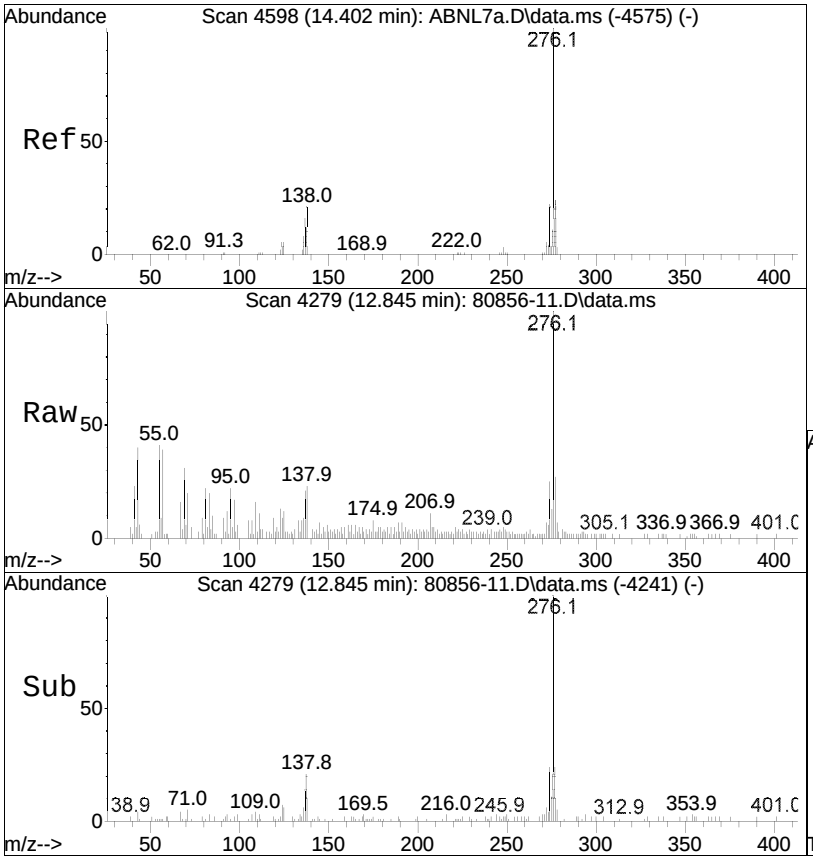


#112
Benzo(a)pyrene
Concen: 1.13 ug/ml
RT: 11.694 min Scan# 3874
Delta R.T. 0.003 min
Lab File: 80856-11.D
Acq: 3 Jan 2026 4:31 pm

Tgt Ion:252 Resp: 23849

Ion	Ratio	Lower	Upper
252	100		
125	13.4	12.6	18.8
253	23.8	16.9	25.3

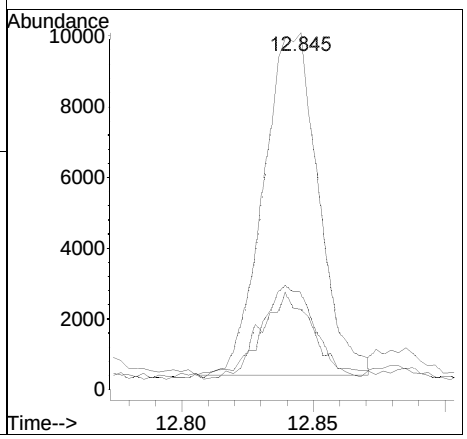


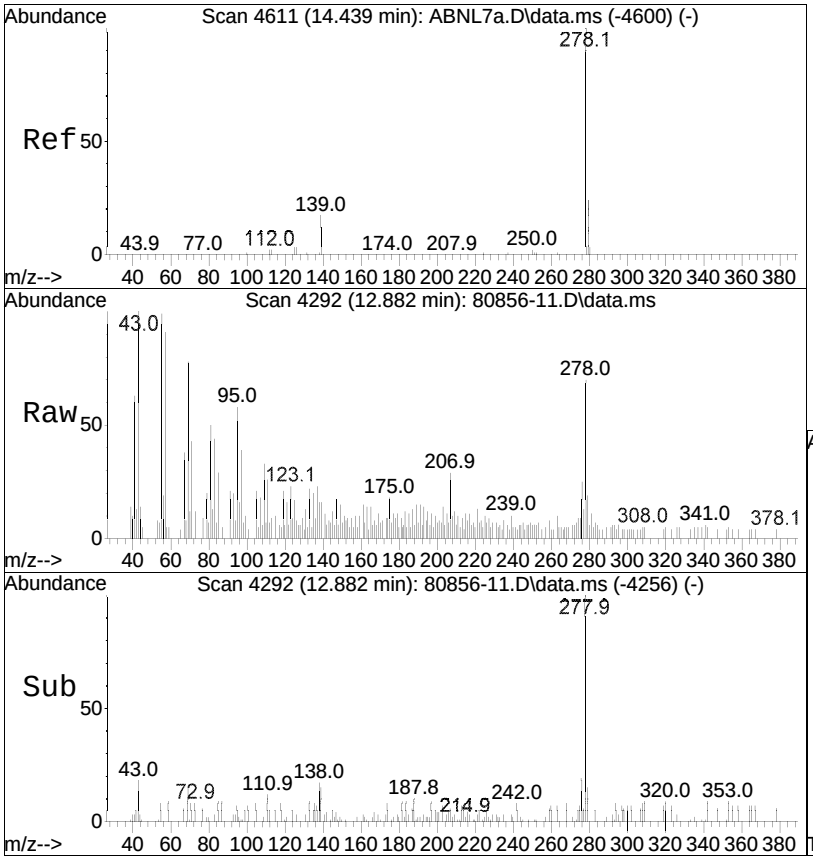


#114
Indeno(1,2,3-cd)pyrene
Concen: 0.64 ug/mL
RT: 12.845 min Scan# 4279
Delta R.T. 0.008 min
Lab File: 80856-11.D
Acq: 3 Jan 2026 4:31 pm

Tgt Ion:276 Resp: 13950

Ion	Ratio	Lower	Upper
276	100		
138	25.4	21.4	32.0
277	26.3	19.2	28.8

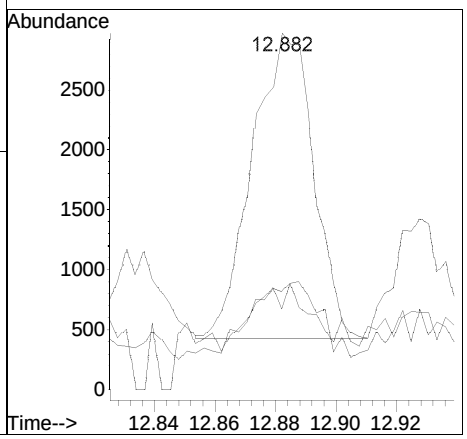


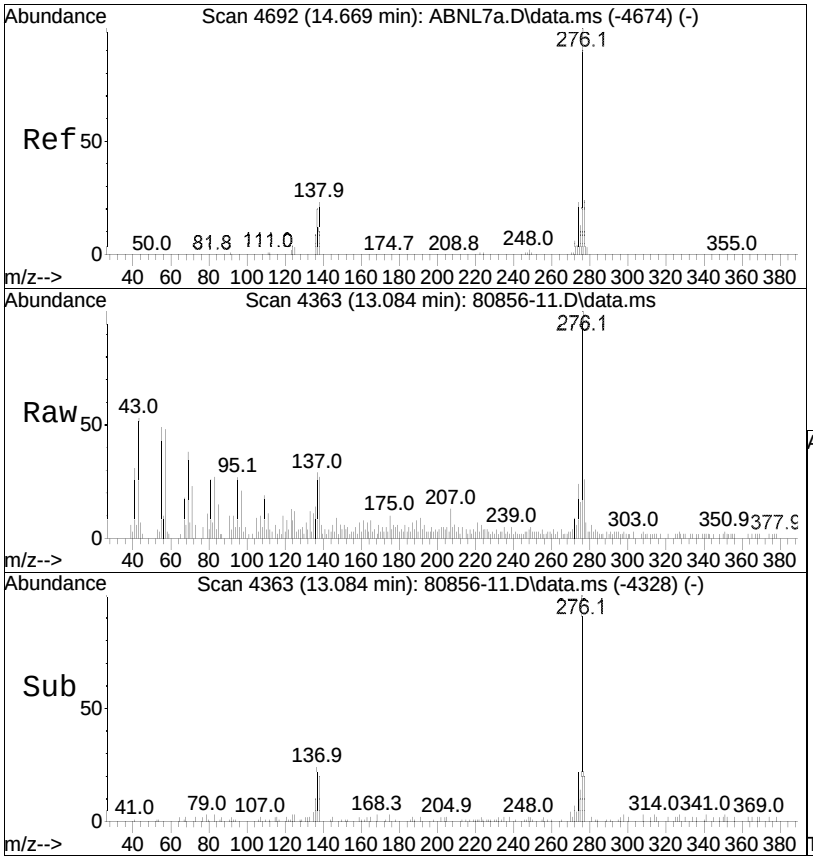


#115
Dibenzo(a,h)anthracene
Concen: 0.16 ug/ml
RT: 12.882 min Scan# 4292
Delta R.T. 0.003 min
Lab File: 80856-11.D
Acq: 3 Jan 2026 4:31 pm

Tgt Ion:278 Resp: 3539

Ion	Ratio	Lower	Upper
278	100		
139	0.0	17.1	25.7#
279	29.8	19.3	28.9#

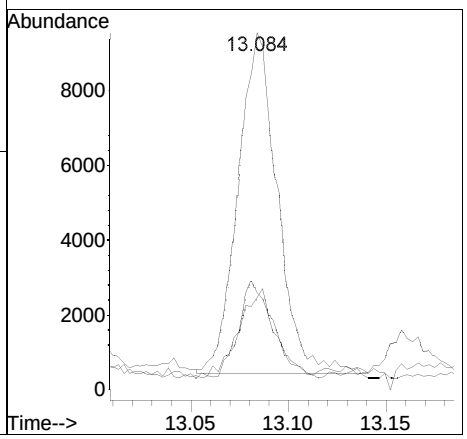




#116
Benzo(ghi)perylene
Concen: 0.59 ug/ml
RT: 13.084 min Scan# 4363
Delta R.T. -0.000 min
Lab File: 80856-11.D
Acq: 3 Jan 2026 4:31 pm

Tgt Ion:276 Resp: 12716

Ion	Ratio	Lower	Upper
276	100		
138	25.4	26.7	40.1#
277	23.6	19.4	29.2

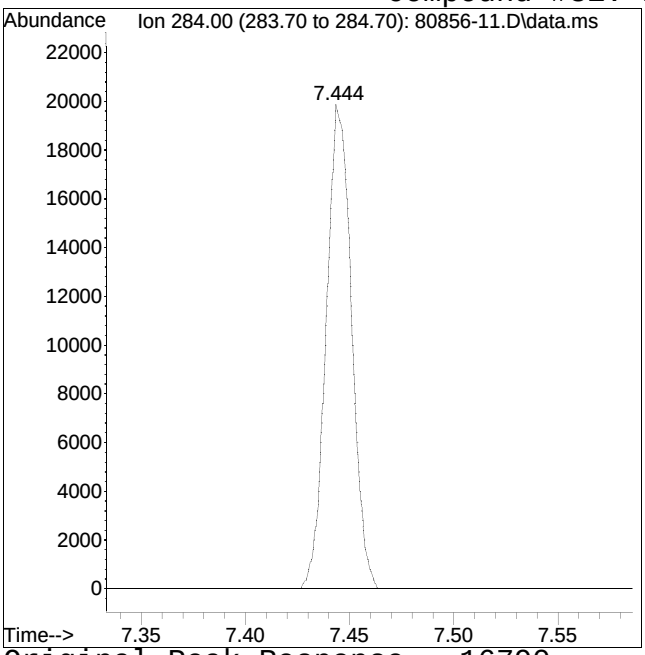


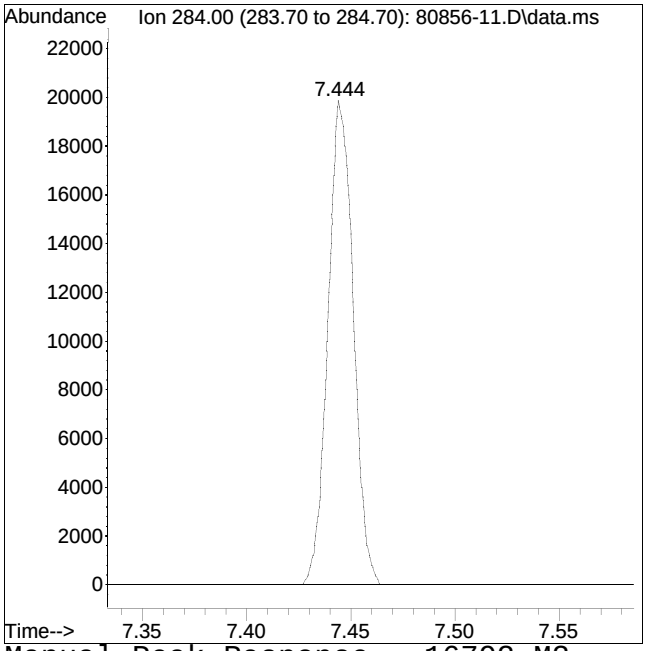
Manual Integration Report

Data Path : I:\8270\SV103\260103\
Data File : 80856-11.D
Date Inj'd : 1/3/2026 4:31 pm
Sample : L2580856-11,32,,gmr

QMethod : FS251116SV103.m
Operator : SV103:cmm
Instrument : SV103
Quant Date : 1/3/2026 4:48 pm

Compound #81: Hexachlorobenzene



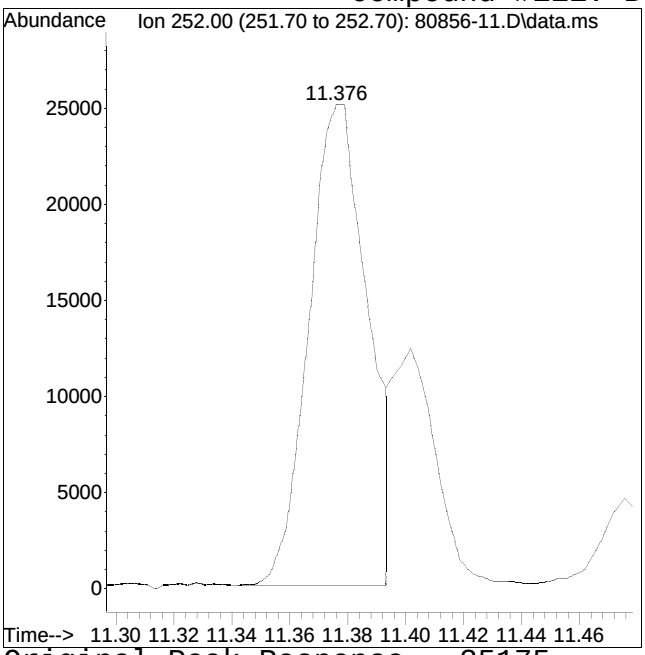


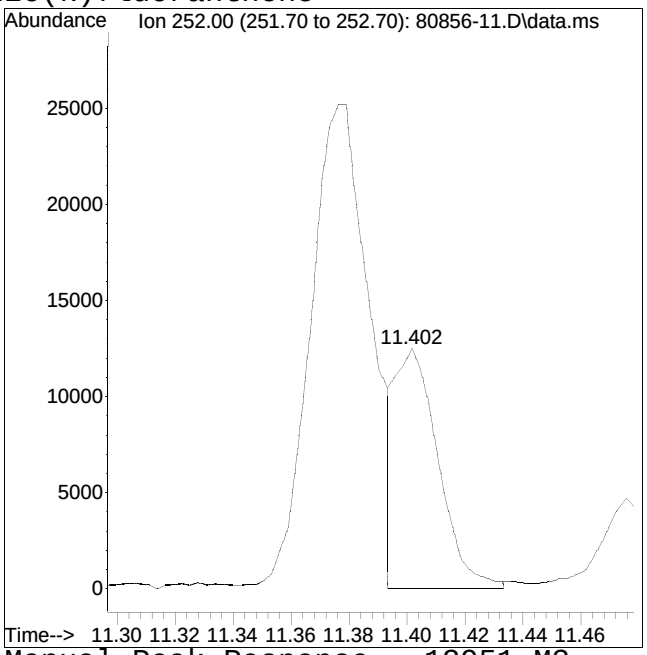
Original Peak Response = 16790 Manual Peak Response = 16792 M2
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path	: I:\8270\SV103\260103\	QMethod	: FS251116SV103.m
Data File	: 80856-11.D	Operator	: SV103:cmm
Date Inj'd	: 1/3/2026 4:31 pm	Instrument	: SV103
Sample	: L2580856-11,32,,gmr	Quant Date	: 1/3/2026 4:48 pm

Compound #111: Benzo(k)fluoranthene





Original Peak Response = 35175 Manual Peak Response = 12951 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

LSC Area Percent Report

Data Path : I:\8270\SV103\260103\
Data File : 80856-11.D
Acq On : 3 Jan 2026 4:31 pm
Operator : SV103:cmm
Sample : L2580856-11,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 23 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 400 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV103\260103\FS251116SV103.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 80856-11.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.562	286	308	348	rBV	5141907	10001586	100.00%	29.395%
2	1.931	428	438	466	rBV	373604	710526	7.10%	2.088%
3	3.190	867	881	888	rBV	783812	846763	8.47%	2.489%
4	3.221	888	892	900	rVV	270805	255645	2.56%	0.751%
5	3.361	930	941	953	rBV2	351032	441939	4.42%	1.299%
6	3.454	959	974	986	rBV2	3055427	4109640	41.09%	12.078%
7	3.599	1016	1025	1040	rBV	2039565	1968586	19.68%	5.786%
8	4.025	1168	1175	1186	rBV	428014	410819	4.11%	1.207%
9	4.167	1216	1225	1233	rVB2	214679	200273	2.00%	0.589%
10	4.682	1401	1406	1411	rVB	314853	246137	2.46%	0.723%
11	4.716	1411	1418	1423	rBV	1876728	1533071	15.33%	4.506%
12	4.855	1458	1467	1474	rBV	542096	468685	4.69%	1.377%
13	4.886	1474	1478	1488	rVB	307299	258267	2.58%	0.759%
14	5.185	1574	1583	1592	rBV2	127896	113226	1.13%	0.333%
15	5.810	1795	1803	1811	rBV	1034776	827086	8.27%	2.431%
16	5.850	1811	1817	1826	rVB	198541	167129	1.67%	0.491%
17	6.401	2002	2011	2018	rBV	2349965	1903152	19.03%	5.593%
18	7.162	2271	2279	2289	rBV	981556	837384	8.37%	2.461%
19	7.444	2372	2378	2389	rBV	149113	141104	1.41%	0.415%
20	7.802	2494	2504	2509	rBV2	2347611	2122961	21.23%	6.239%
21	7.819	2509	2510	2517	rVV	313513	181471	1.81%	0.533%
22	8.944	2898	2906	2919	rBV	236213	218950	2.19%	0.644%
23	9.143	2969	2976	2988	rBV	193488	208538	2.09%	0.613%
24	9.379	3050	3059	3069	rBV	990291	929962	9.30%	2.733%
25	10.311	3378	3387	3405	rVB2	2221047	2260693	22.60%	6.644%
26	11.388	3755	3766	3781	rVB4	215716	362893	3.63%	1.067%
27	11.763	3886	3898	3912	rVV2	1876177	2298254	22.98%	6.755%

LSC Area Percent Report

Data Path : I:\8270\SV103\260103\
Data File : 80856-11.D
Acq On : 3 Jan 2026 4:31 pm
Operator : SV103:cmm
Sample : L2580856-11,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 23 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 400 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV103\260103\FS251116SV103.m
Title : Semivolatiles by GC/MS by modified 8270

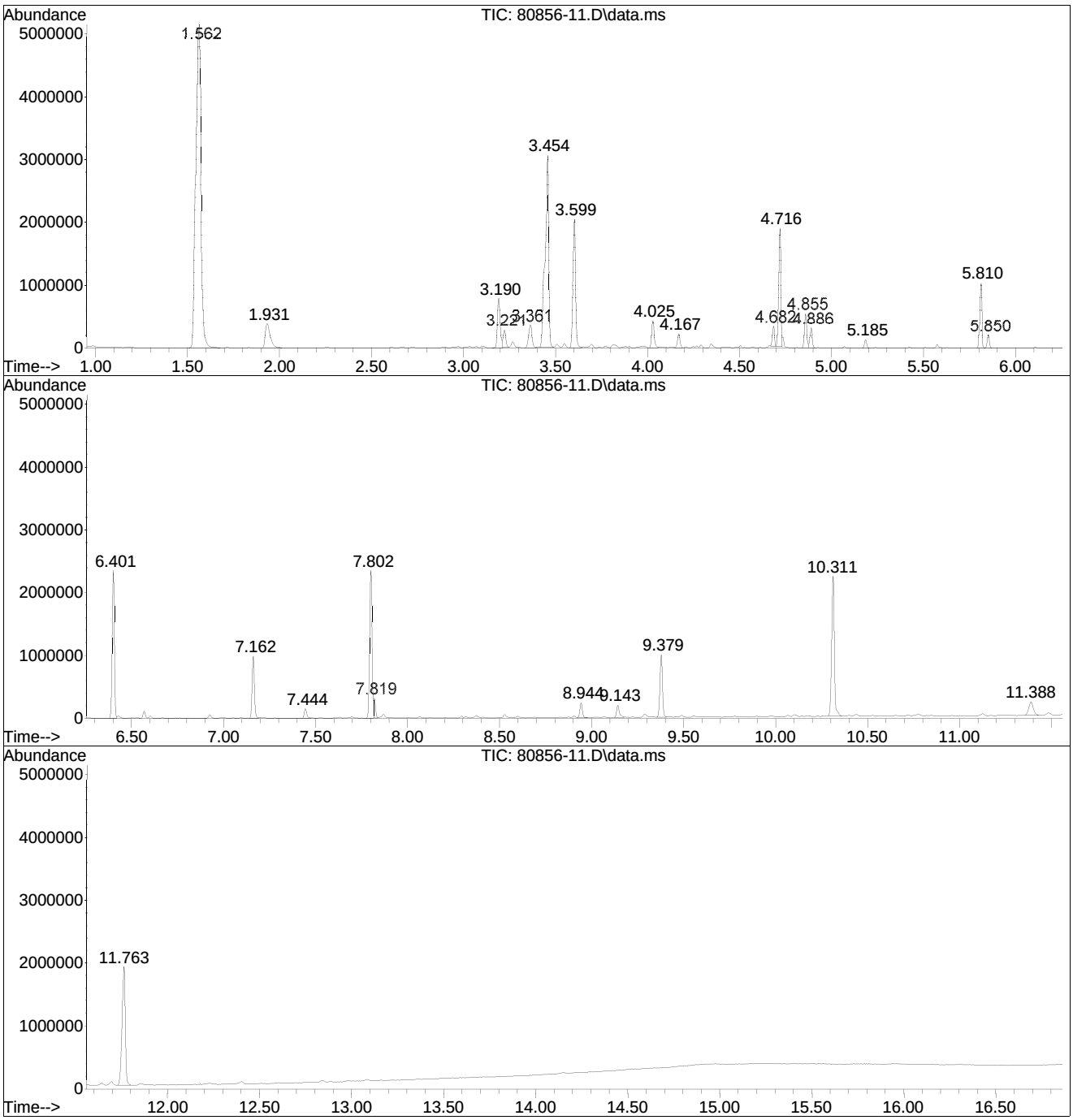
Sum of corrected areas: 34024740

LSC Report - Integrated Chromatogram

Data Path : I:\8270\SV103\260103\
Data File : 80856-11.D
Acq On : 3 Jan 2026 4:31 pm
Operator : SV103:cmm
Sample : L2580856-11,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 23 Sample Multiplier: 1

Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : I:\8270\SV103\260103\
Data File : 80856-11.D
Acq On : 3 Jan 2026 4:31 pm
Operator : SV103:cmm
Sample : L2580856-11,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 23 Sample Multiplier: 1

Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270

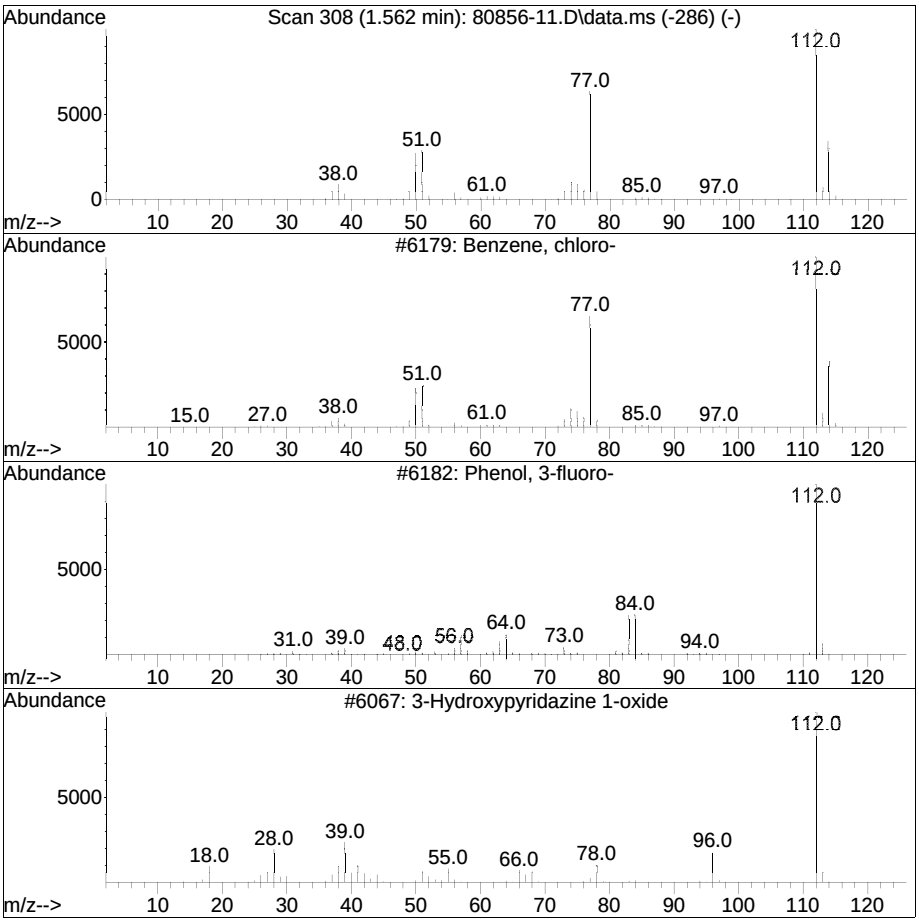
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

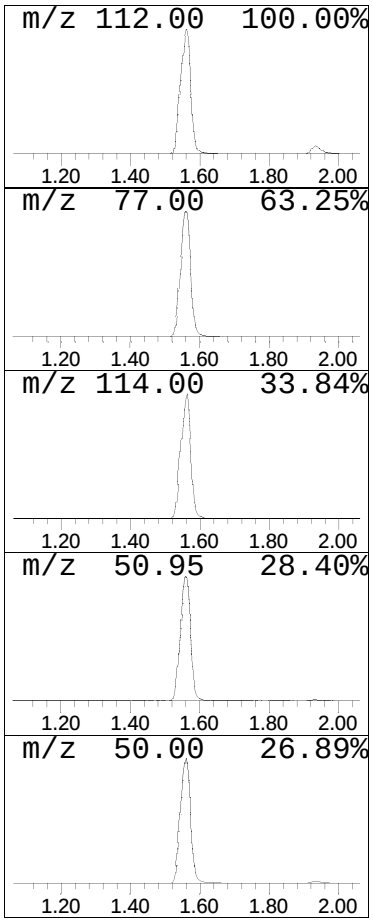
****

Peak Number 1 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.562	97.35 ug/ml	10001600	IS2_1,4-Dichlorobenzene-d4	3.434

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	27
3	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	27
4	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	17
5	3-Nitropyrrole	112	C4H4N2O2	005930-94-9	16





Library Search Compound Report

Data Path : I:\8270\SV103\260103\
Data File : 80856-11.D
Acq On : 3 Jan 2026 4:31 pm
Operator : SV103:cmm
Sample : L2580856-11,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 23 Sample Multiplier: 1

Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270

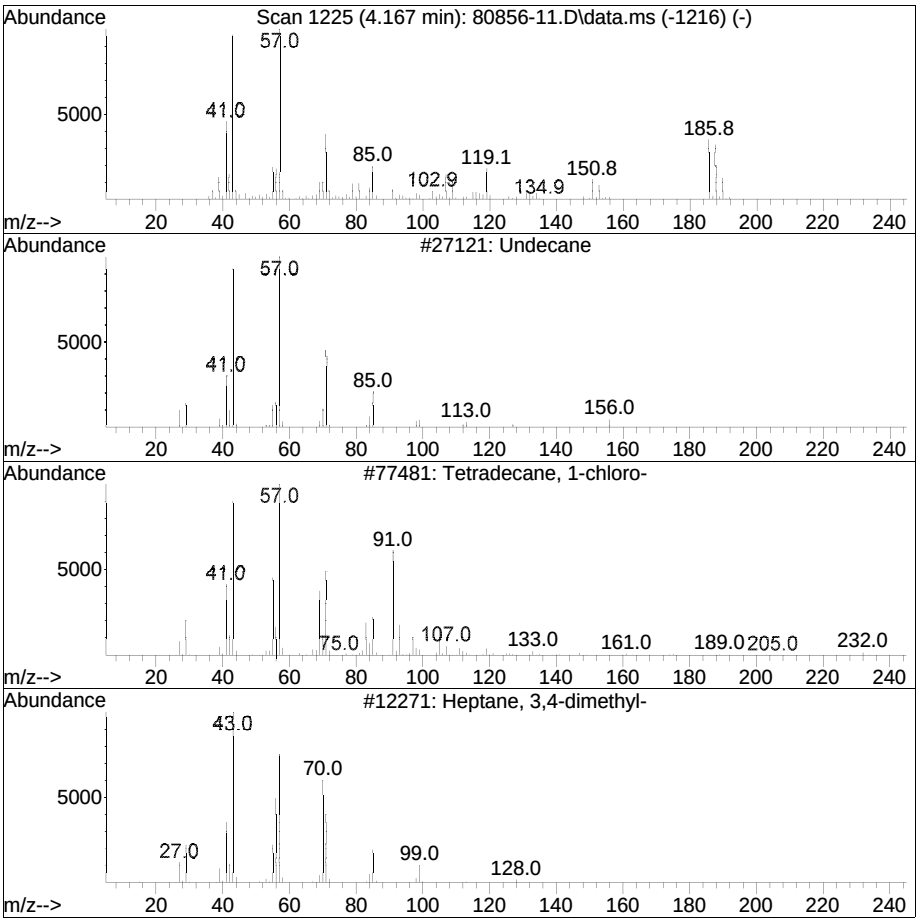
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

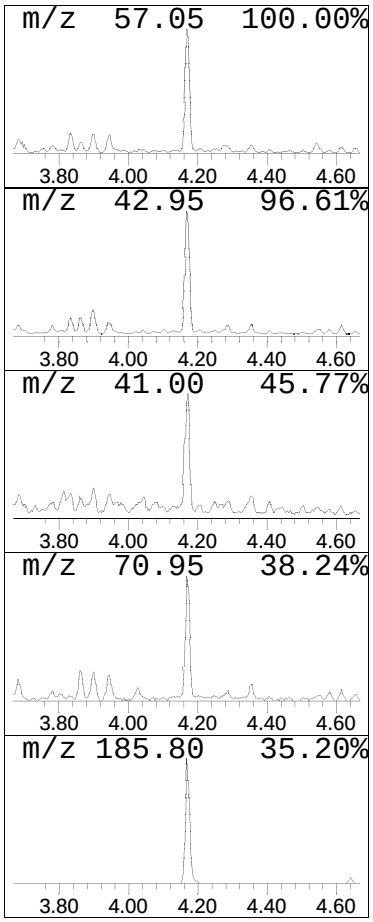
****

Peak Number 2 Unknown Alkane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.167	5.23 ug/ml	200273	IS1_Naphthalene-d8	4.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	35
2	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	32
3	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	30
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	27
5	Decane	142	C10H22	000124-18-5	25





Library Search Compound Report

Data Path : I:\8270\SV103\260103\
Data File : 80856-11.D
Acq On : 3 Jan 2026 4:31 pm
Operator : SV103:cmm
Sample : L2580856-11,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 23 Sample Multiplier: 1

Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270

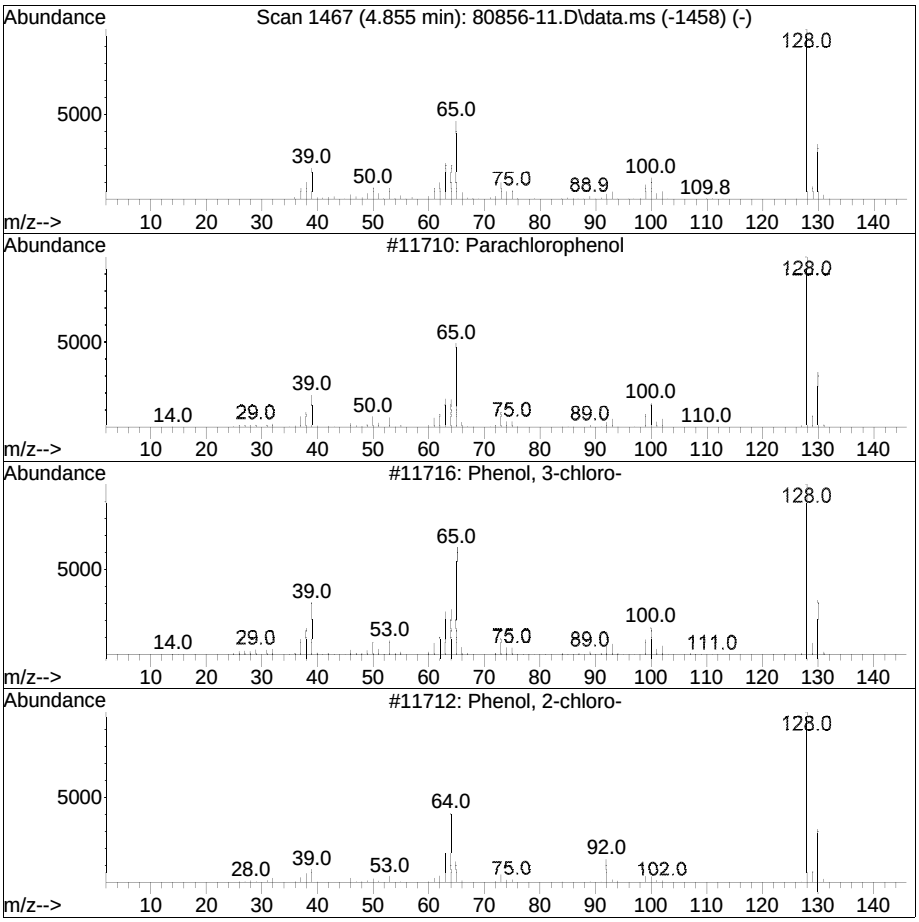
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

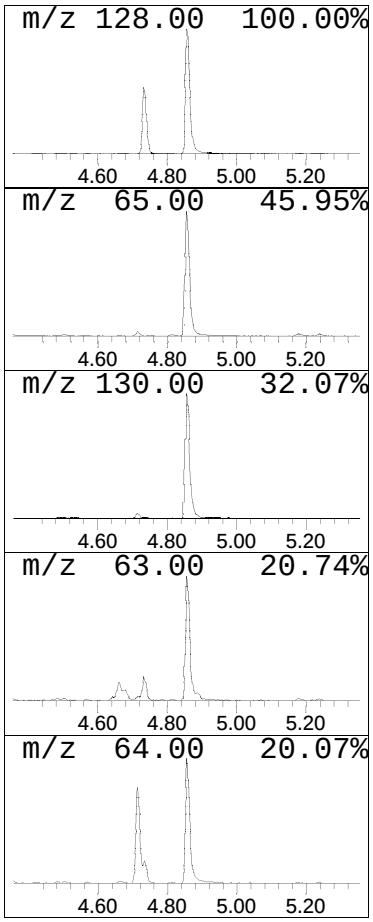
****

Peak Number 3 Unknown Phenol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.855	12.23 ug/ml	468685	IS2_Naphthalene-d8	4.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Parachlorophenol	128	C6H5ClO	000106-48-9	97
2	Phenol, 3-chloro-	128	C6H5ClO	000108-43-0	95
3	Phenol, 2-chloro-	128	C6H5ClO	000095-57-8	30
4	2-Amino-5-chloropyridine	128	C5H5ClN2	001072-98-6	30
5	p-Chlorophenyl N-(cyanomethyl)ca...	210	C9H7ClN2O2	1000240-68-8	27





Data Path : I:\8270\SV103\260103\
Data File : 80856-11.D
Acq On : 3 Jan 2026 4:31 pm
Operator : SV103:cmm
Sample : L2580856-11,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 23 Sample Multiplier: 1

Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270

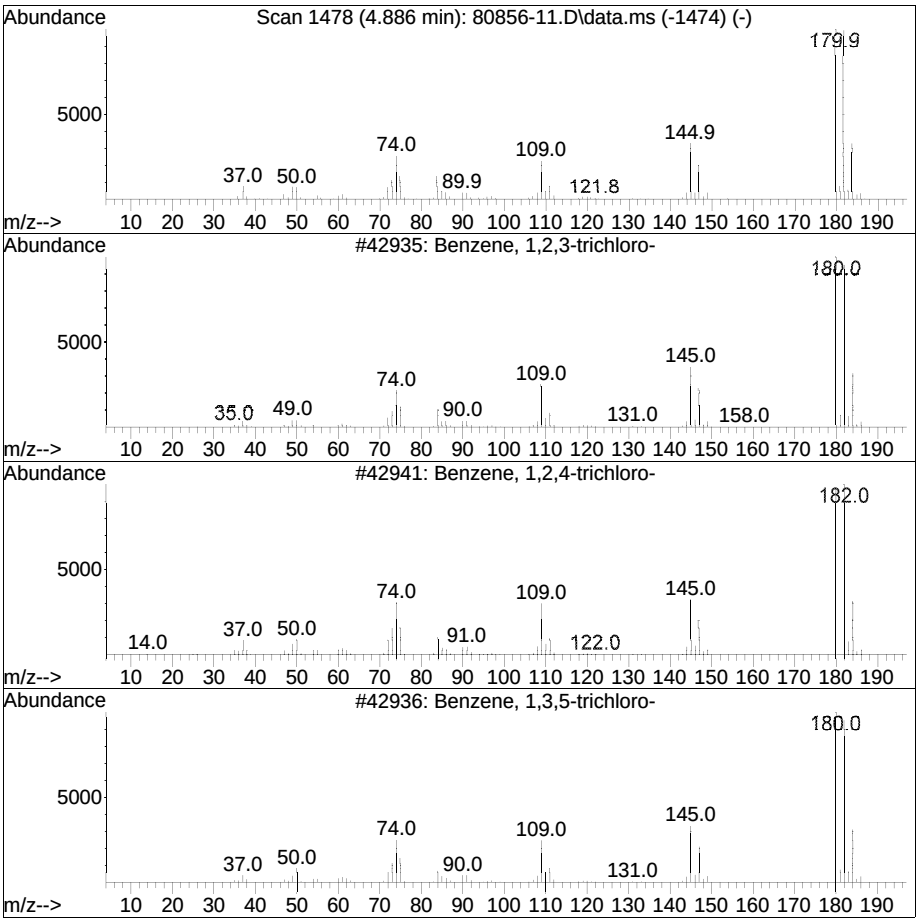
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

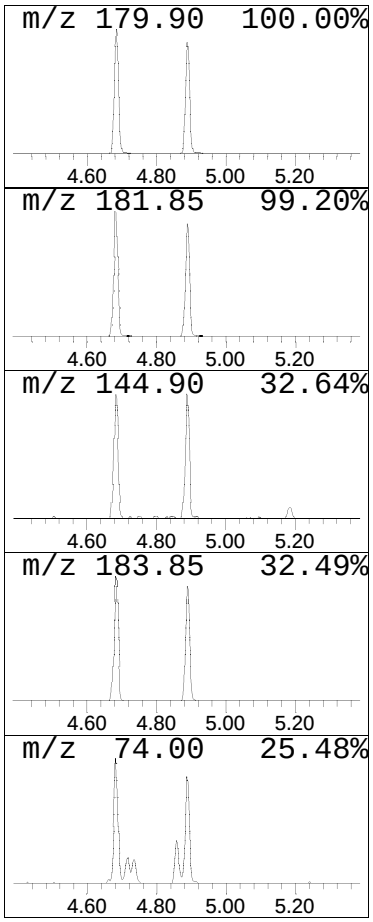
****

Peak Number 4 Unknown Benzene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.886	6.74 ug/ml	258267	IS2_Naphthalene-d8	4.716

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
2	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
3	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
4	3-Chlorobenzotrifluoride	180	C7H4ClF3	000098-15-7	27
5	1H-Purine-2,6-dione, 3,7-dihydro...	180	C7H8N4O2	000083-67-0	22





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV103\260103\
Data File : 80856-11.D
Acq On : 3 Jan 2026 4:31 pm
Operator : SV103:cmm
Sample : L2580856-11,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 23 Sample Multiplier: 1

Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, chloro-	1.562	97.3	ug/ml	10001600	1	3.434	4109640	40.0
Unknown Alkane	4.167	5.2	ug/ml	200273	4	4.716	1533070	40.0
Unknown Phenol	4.855	12.2	ug/ml	468685	5	4.716	1533070	40.0
Unknown Benzene	4.886	6.7	ug/ml	258267	5	4.716	1533070	40.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\260103\
Data File : 80856-12.D
Acq On : 3 Jan 2026 4:52 pm
Operator : SV103:cmm
Sample : L2580856-12,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 04 18:44:44 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.437	152	215925	40.000	ug/ml	# 0.00
Standard Area 1 = 229319			Recovery = 94.16%			
27) IS2_1,4-Dichlorobenzen...	3.437	152	215925	40.000	ug/ml	# 0.00
Standard Area 3 = 206396			Recovery = 104.62%			
32) IS3_1,4-Dichlorobenzen...	3.437	152	215925	40.000	ug/ml	# 0.00
Standard Area 2 = 203595			Recovery = 106.06%			
35) IS1_Naphthalene-d8	4.716	136	848108	40.000	ug/ml	0.00
Standard Area 1 = 878891			Recovery = 96.50%			
55) IS2_Naphthalene-d8	4.716	136	848108	40.000	ug/ml	0.00
Standard Area 3 = 813634			Recovery = 104.24%			
63) IS1_Acenaphthene-d10	6.401	164	503777	40.000	ug/ml	0.00
Standard Area 1 = 498403			Recovery = 101.08%			
83) IS2_Acenaphthene-d10	6.401	164	503777	40.000	ug/ml	0.00
Standard Area 3 = 466338			Recovery = 108.03%			
86) IS3_Acenaphthene-d10	6.401	164	503777	40.000	ug/ml	0.00
Standard Area 2 = 454716			Recovery = 110.79%			
88) IS1_Phenanthrene-d10	7.802	188	970884	40.000	ug/ml	# 0.00
Standard Area 1 = 991330			Recovery = 97.94%			
100) IS3_Phenanthrene-d10	7.802	188	970884	40.000	ug/ml	# 0.00
Standard Area 2 = 916227			Recovery = 105.97%			
104) IS1_Chrysene-d12	10.314	240	853936	40.000	ug/ml	0.00
Standard Area 1 = 937828			Recovery = 91.05%			
113) IS1_Perylene-d12	11.763	264	974315	40.000	ug/ml	0.01
Standard Area 1 = 1017246			Recovery = 95.78%			
System Monitoring Compounds						
4) 2-Fluorophenol	1.931	112	202712	32.702	ug/ml	0.02
Spiked Amount 50.000	Range 15 - 110		Recovery = 65.40%			
7) Phenol-d6	3.190	99	284180	37.330	ug/ml	0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 74.66%			
19) Nitrobenzene-d5	4.025	82	123855	19.482	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 77.93%			
46) 2-Fluorobiphenyl	5.810	172	297677	16.827	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 67.31%			
79) 2,4,6-Tribromophenol	7.162	330	99046	39.104	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 78.21%			

Data Path : I:\8270\SV103\260103\
Data File : 80856-12.D
Acq On : 3 Jan 2026 4:52 pm
Operator : SV103:cmm
Sample : L2580856-12,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 04 18:44:44 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	9.379	244	355326	14.675	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 58.70%

Target Compounds						Qvalue
6) 2-Chlorophenol	3.221	128	21733	3.146	ug/ml	98
8) Phenol	0.000		0	N.D.	d	
9) Bis(2-chloroethyl)ether	0.000		0	N.D.	d	
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		
15) 2-Methylphenol	0.000		0	N.D.		
16) Hexachloroethane	0.000		0	N.D.	d	
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	d	
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.	d	
20) Nitrobenzene	0.000		0	N.D.	d	
21) Isophorone	0.000		0	N.D.		
22) 2-Nitrophenol	0.000		0	N.D.		
23) 2,4-Dimethylphenol	0.000		0	N.D.		
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
25) 2,4-Dichlorophenol	4.645	162	1911	0.309	ug/ml	96
28) Benzaldehyde	0.000		0	N.D.	d	
29) Acetophenone	0.000		0	N.D.	d	
36) Naphthalene	4.733	128	29382	1.331	ug/ml	99
38) 4-Chloroaniline	0.000		0	N.D.	d	
39) Hexachlorobutadiene	0.000		0	N.D.		
40) p-Chloro-m-cresol	0.000		0	N.D.		
41) 2-Methylnaphthalene	0.000		0	N.D.	d	
43) Hexachlorocyclopentadiene	0.000		0	N.D.		
44) 2,4,6-Trichlorophenol	5.739	196	1693	0.363	ug/ml	95
45) 2,4,5-Trichlorophenol	0.000		0	N.D.	d	
47) 2-Chloronaphthalene	0.000		0	N.D.		
48) 2-Nitroaniline	0.000		0	N.D.		
51) Dimethyl phthalate	0.000		0	N.D.		
52) Acenaphthylene	0.000		0	N.D.	d	
53) 2,6-Dinitrotoluene	0.000		0	N.D.		
60) Caprolactam	0.000		0	N.D.		
61) 1,2,4,5-Tetrachloroben...	5.574	216	3624	0.453	ug/ml#	83
62) Biphenyl	0.000		0	N.D.	d	
64) 3-Nitroaniline	0.000		0	N.D.		

Data Path : I:\8270\SV103\260103\
Data File : 80856-12.D
Acq On : 3 Jan 2026 4:52 pm
Operator : SV103:cmm
Sample : L2580856-12,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 04 18:44:44 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
65)	Acenaphthene	0.000		0	N.D.	d		
66)	2,4-Dinitrophenol	0.000		0	N.D.			
67)	Dibenzofuran	0.000		0	N.D.	d		
68)	2,4-Dinitrotoluene	0.000		0	N.D.			
69)	4-Nitrophenol	0.000		0	N.D.			
71)	2,3,4,6-Tetrachlorophenol	0.000		0	N.D.			
72)	Diethyl phthalate	0.000		0	N.D.	d		
73)	Fluorene	0.000		0	N.D.	d		
74)	4-Chlorophenyl phenyl ...	0.000		0	N.D.			
75)	4-Nitroaniline	0.000		0	N.D.			
76)	4,6-Dinitro-o-cresol	0.000		0	N.D.			
77)	NDPA/DPA	0.000		0	N.D.	d		
80)	4-Bromophenyl phenyl e...	0.000		0	N.D.			
81)	Hexachlorobenzene	7.444	284	5314	0.789	ug/ml		93
82)	Pentachlorophenol	0.000		0	N.D.			
87)	Atrazine	0.000		0	N.D.			
89)	Phenanthrene	7.819	178	20210	0.746	ug/ml#		95
90)	Anthracene	7.870	178	4593	0.171	ug/ml#		81
91)	Carbazole	8.066	167	2664	0.109	ug/ml#		86
92)	Di-n-butylphthalate	8.504	149	5036	0.183	ug/ml#		93
93)	Fluoranthene	8.941	202	25624	0.844	ug/ml		96
95)	Pyrene	9.143	202	21595	0.674	ug/ml#		94
97)	Butyl benzyl phthalate	0.000		0	N.D.	d		
105)	Benzo(a)anthracene	10.308	228	13148	0.465	ug/ml#		88
106)	3,3'-Dichlorobenzidine	0.000		0	N.D.			
107)	Chrysene	10.333	228	9905	0.372	ug/ml		97
108)	Bis(2-ethylhexyl)phtha...	10.527	149	3939	0.259	ug/ml#		74
109)	Di-n-octylphthalate	0.000		0	N.D.	d		
110)	Benzo(b)fluoranthene	11.376	252	14006	0.509	ug/ml#		83
111)	Benzo(k)fluoranthene	11.399	252	5046M3	0.188	ug/ml		
112)	Benzo(a)pyrene	11.697	252	9024	0.354	ug/ml#		94
114)	Indeno(1,2,3-cd)pyrene	12.837	276	5316	0.203	ug/mL		95
115)	Dibenzo(a,h)anthracene	0.000		0	N.D.	d		
116)	Benzo(ghi)perylene	13.084	276	4165	0.160	ug/ml#		87

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

Data Path : I:\8270\SV103\260103\
Data File : 80856-12.D
Acq On : 3 Jan 2026 4:52 pm
Operator : SV103:cmm
Sample : L2580856-12,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 04 18:44:44 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

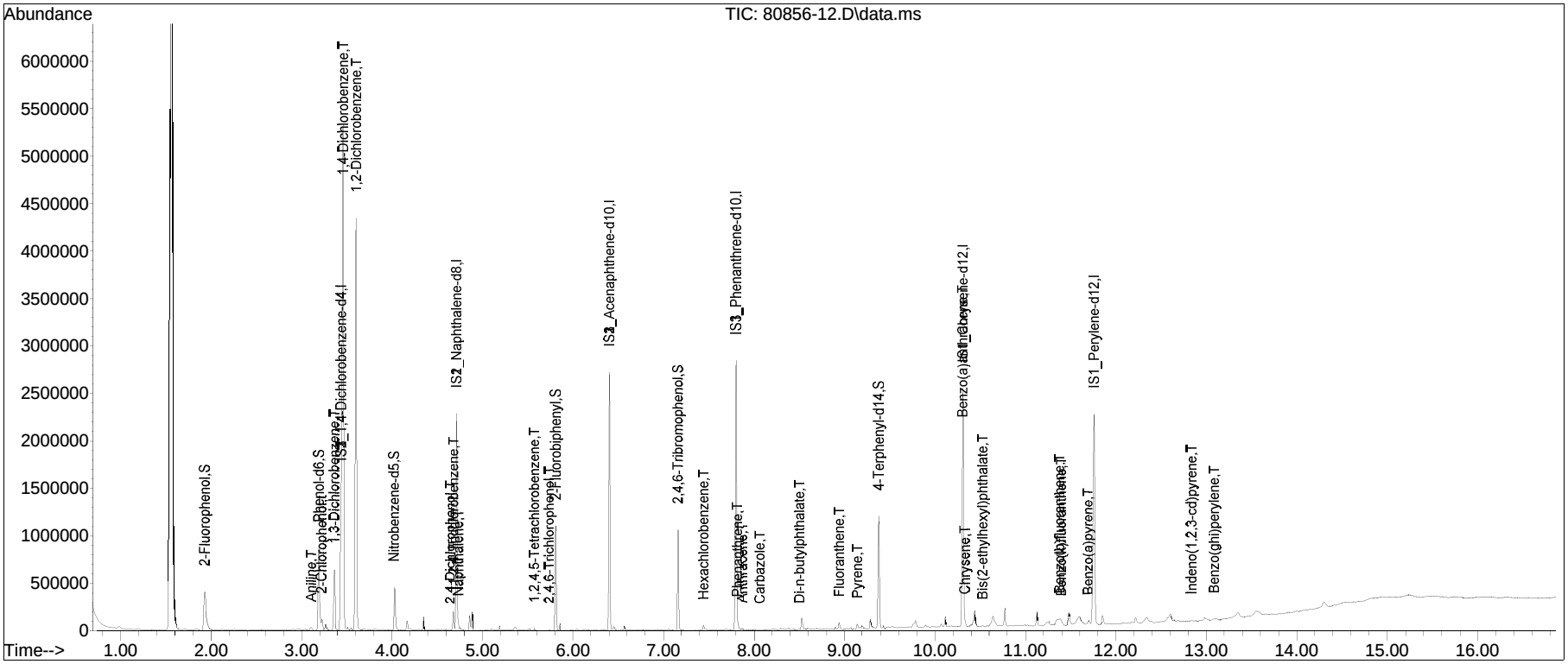
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

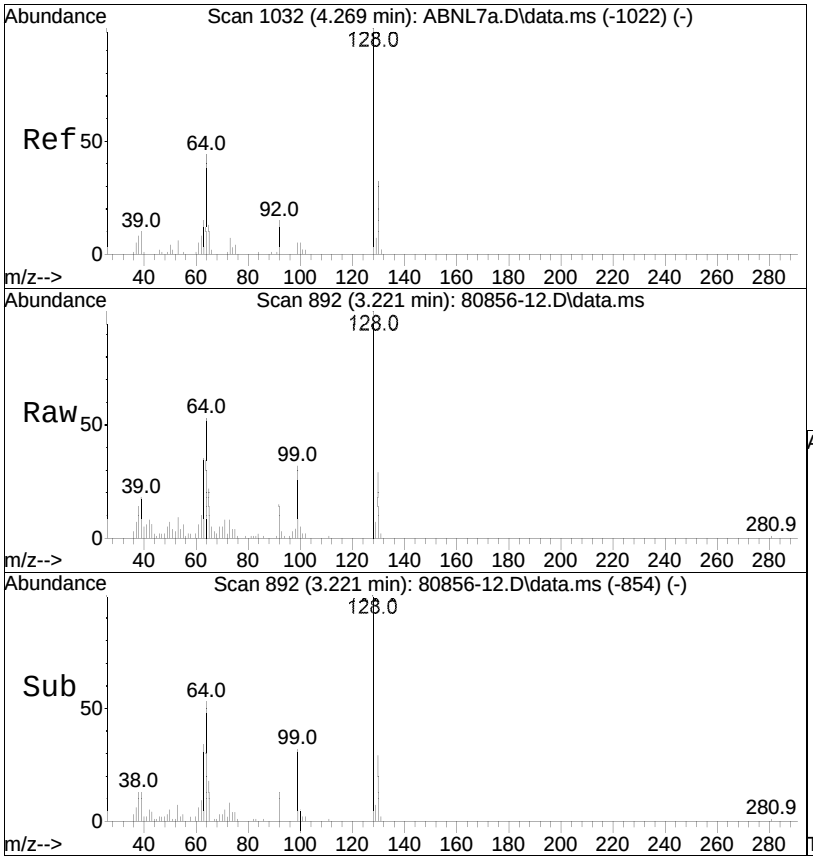
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\260103\
Data File : 80856-12.D
Acq On : 3 Jan 2026 4:52 pm
Operator : SV103:cmm
Sample : L2580856-12,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 04 18:44:44 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MA\AP90103.D•

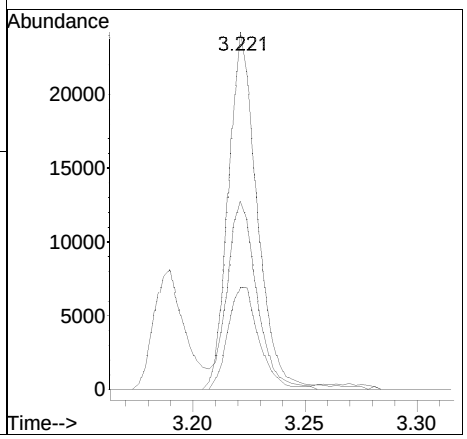


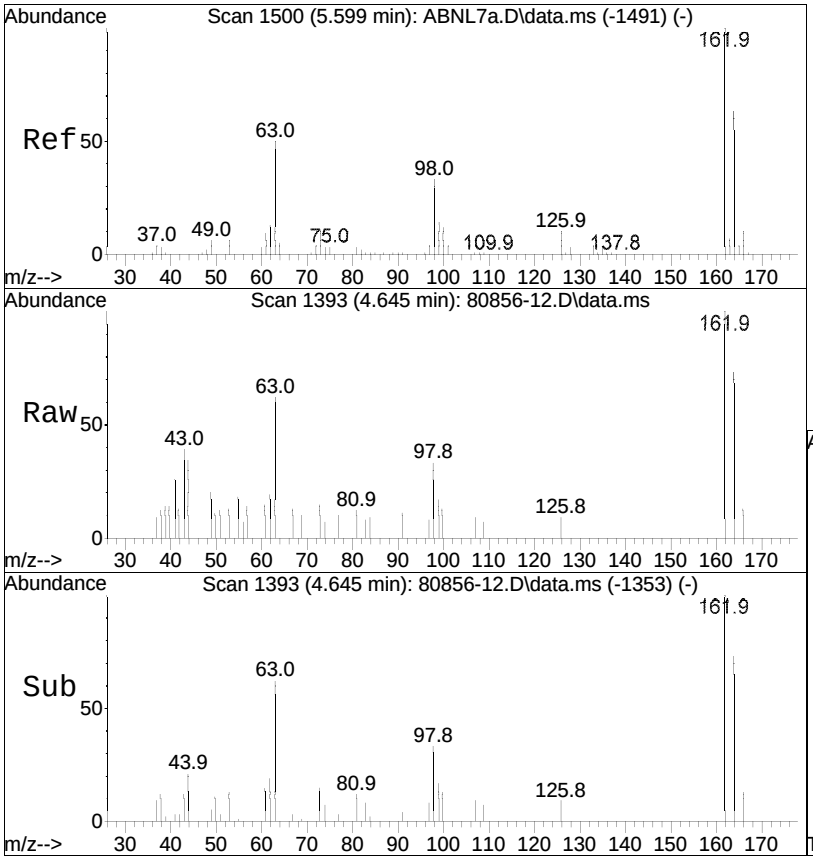


#6
2-Chlorophenol
Concen: 3.15 ug/ml
RT: 3.221 min Scan# 892
Delta R.T. 0.008 min
Lab File: 80856-12.D
Acq: 3 Jan 2026 4:52 pm

Tgt Ion:128 Resp: 21733

Ion	Ratio	Lower	Upper
128	100		
64	52.1	42.7	64.1
130	30.8	25.8	38.6

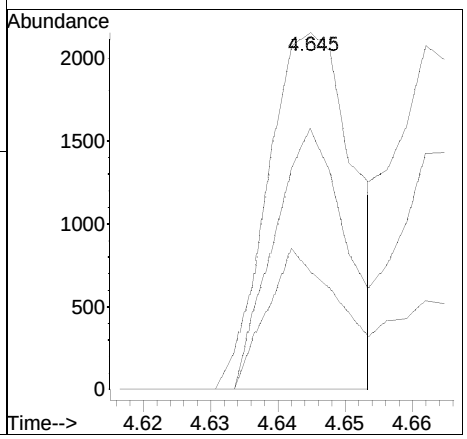


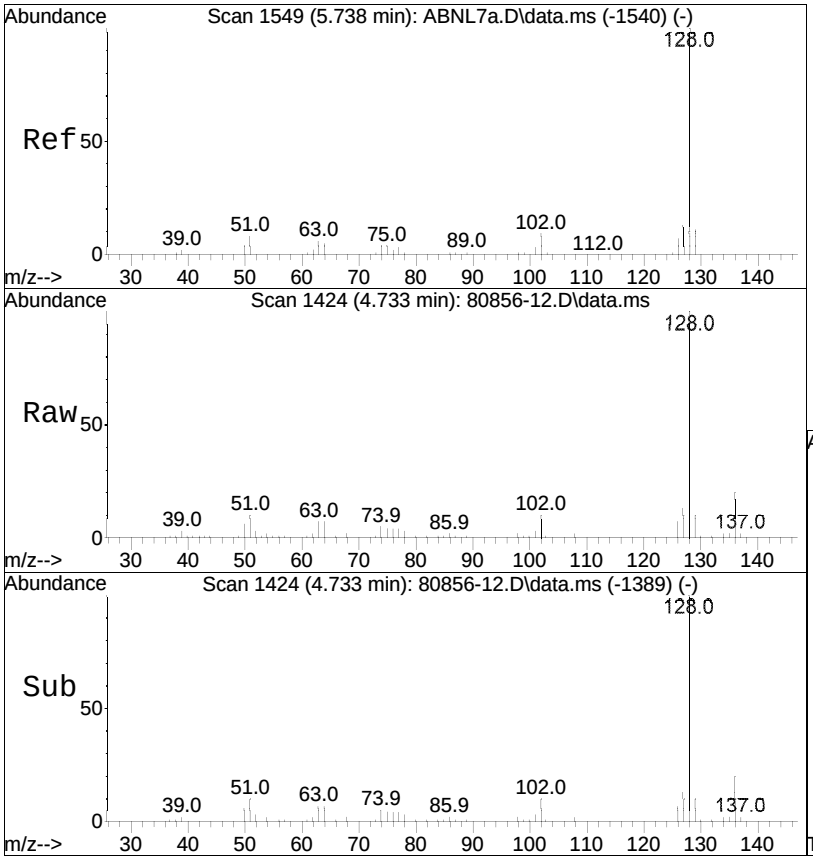


#25
2,4-Dichlorophenol
Concen: 0.31 ug/ml
RT: 4.645 min Scan# 1393
Delta R.T. 0.014 min
Lab File: 80856-12.D
Acq: 3 Jan 2026 4:52 pm

Tgt Ion:162 Resp: 1911

Ion	Ratio	Lower	Upper
162	100		
164	62.2	50.4	75.6
98	33.9	31.6	47.4

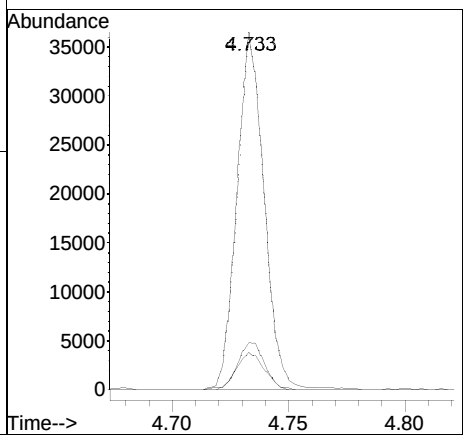


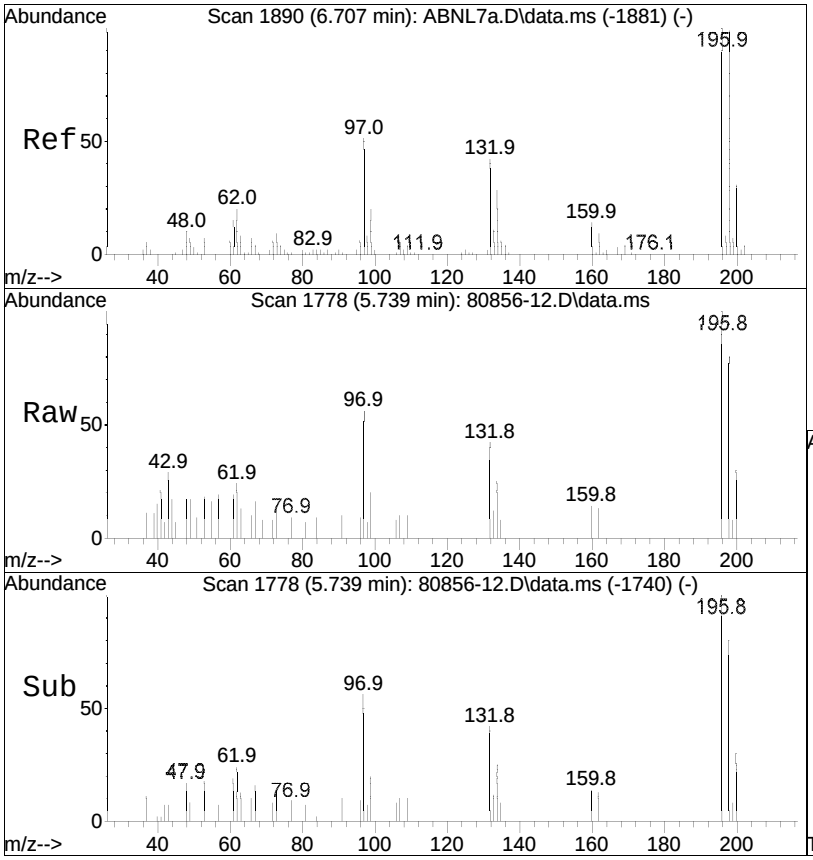


#36
Naphthalene
Concen: 1.33 ug/ml
RT: 4.733 min Scan# 1424
Delta R.T. -0.000 min
Lab File: 80856-12.D
Acq: 3 Jan 2026 4:52 pm

Tgt Ion:128 Resp: 29382

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.2	10.7	16.1

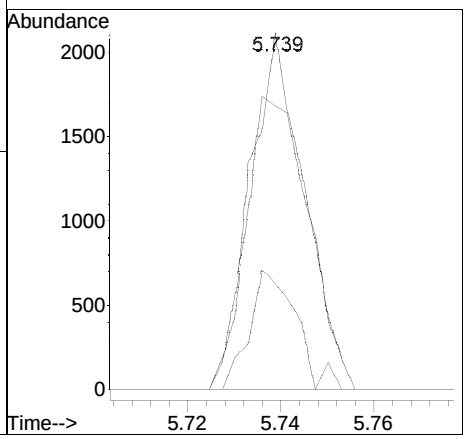


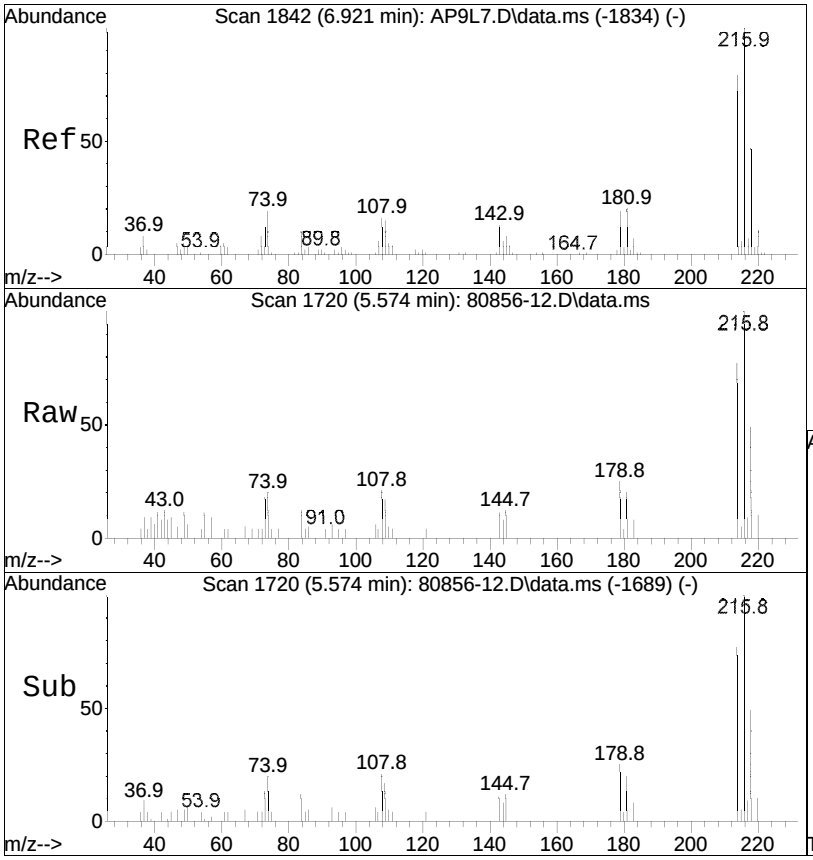


#44
2,4,6-Trichlorophenol
Concen: 0.36 ug/ml
RT: 5.739 min Scan# 1778
Delta R.T. 0.008 min
Lab File: 80856-12.D
Acq: 3 Jan 2026 4:52 pm

Tgt Ion:196 Resp: 1693

Ion	Ratio	Lower	Upper
196	100		
198	97.1	81.5	122.3
200	29.4	26.2	39.2

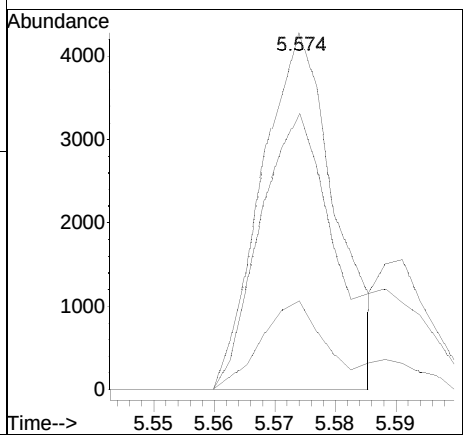


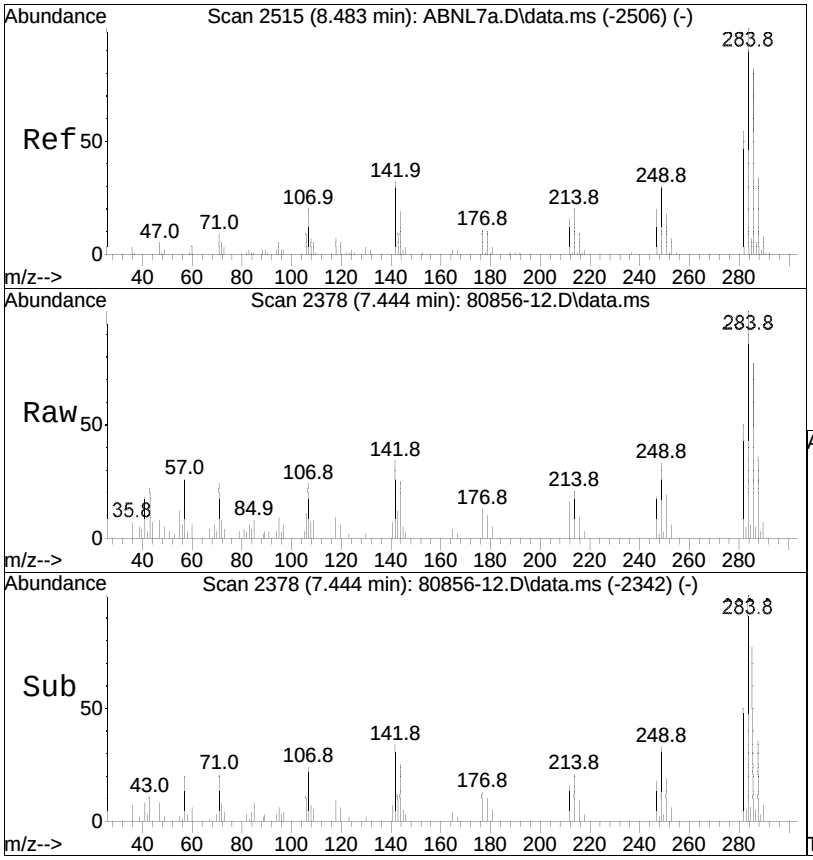


#61
1,2,4,5-Tetrachlorobenzene
Concen: 0.45 ug/ml
RT: 5.574 min Scan# 1720
Delta R.T. -0.011 min
Lab File: 80856-12.D
Acq: 3 Jan 2026 4:52 pm

Tgt Ion:216 Resp: 3624

Ion	Ratio	Lower	Upper
216	100		
214	97.8	63.0	94.6#
179	21.4	17.4	26.2

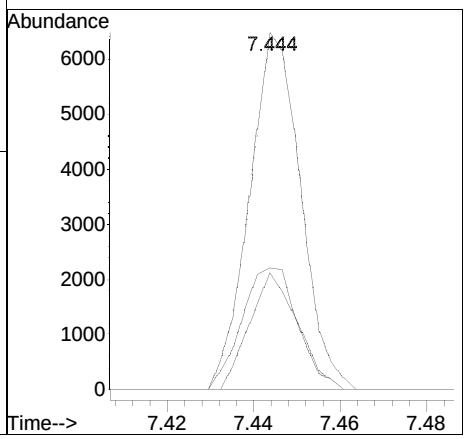


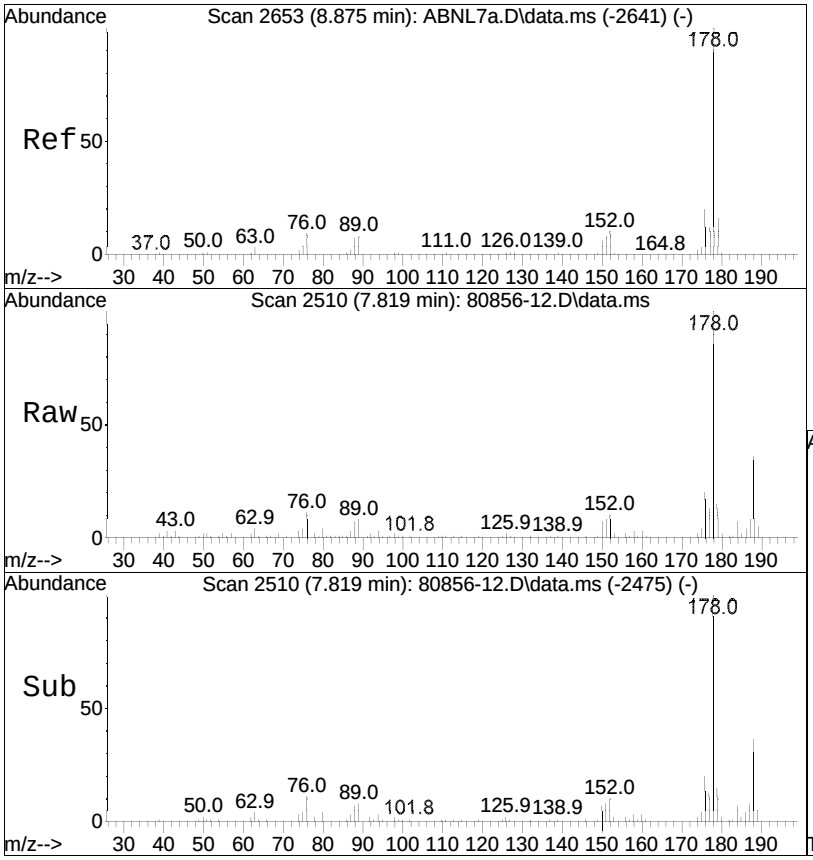


#81
Hexachlorobenzene
Concen: 0.79 ug/ml
RT: 7.444 min Scan# 2378
Delta R.T. 0.003 min
Lab File: 80856-12.D
Acq: 3 Jan 2026 4:52 pm

Tgt Ion:284 Resp: 5314

Ion	Ratio	Lower	Upper
284	100		
142	37.8	35.8	53.6
249	30.5	24.7	37.1

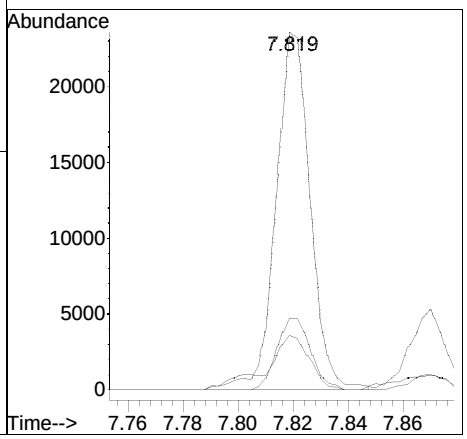


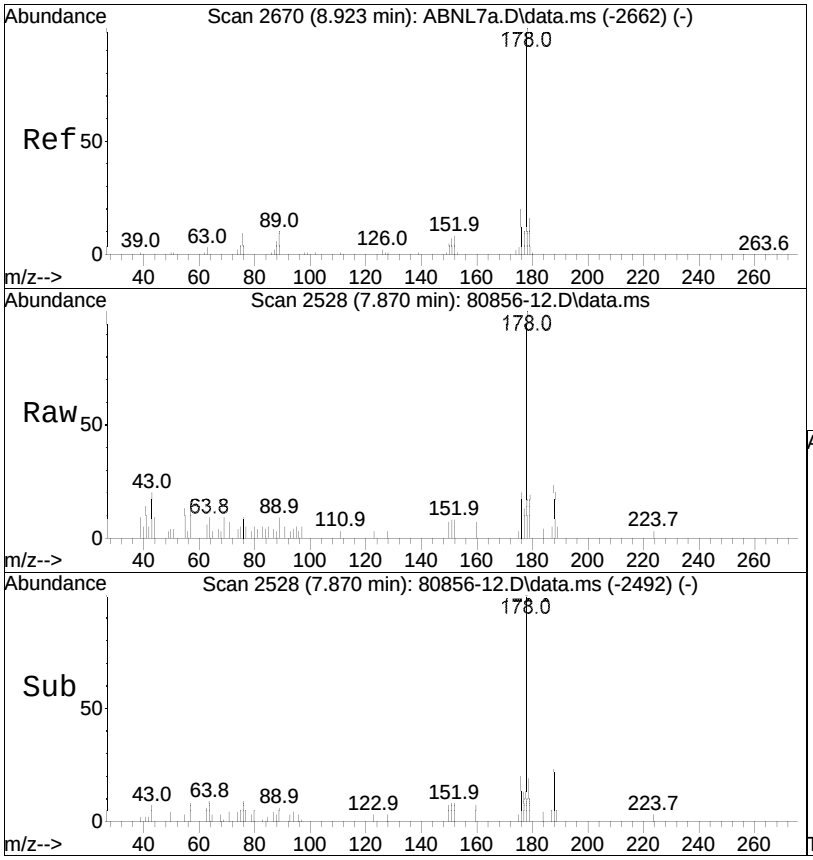


#89
Phenanthrene
Concen: 0.75 ug/ml
RT: 7.819 min Scan# 2510
Delta R.T. -0.000 min
Lab File: 80856-12.D
Acq: 3 Jan 2026 4:52 pm

Tgt Ion:178 Resp: 20210

Ion	Ratio	Lower	Upper
178	100		
179	19.4	12.2	18.2#
176	19.9	15.4	23.2

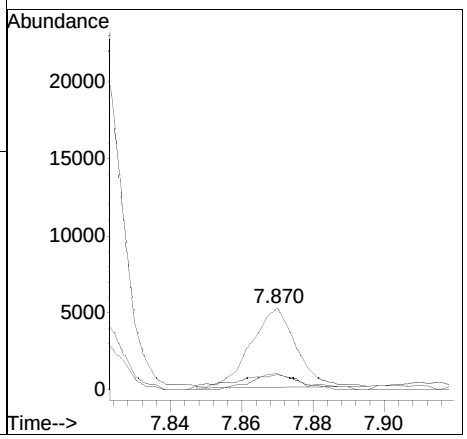


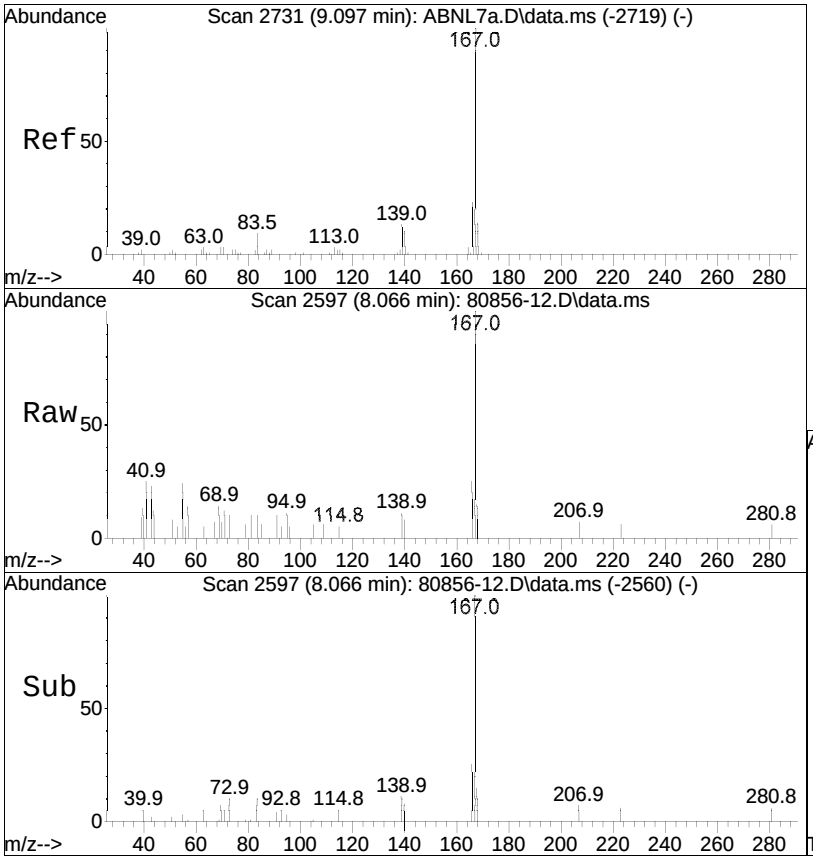


#90
Anthracene
Concen: 0.17 ug/ml
RT: 7.870 min Scan# 2528
Delta R.T. 0.003 min
Lab File: 80856-12.D
Acq: 3 Jan 2026 4:52 pm

Tgt Ion:178 Resp: 4593

Ion	Ratio	Lower	Upper
178	100		
179	29.7	12.1	18.1#
176	21.3	14.8	22.2

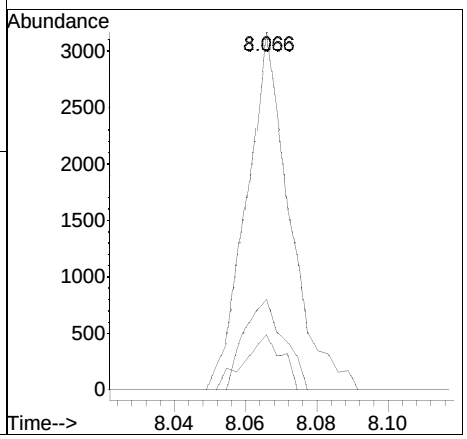


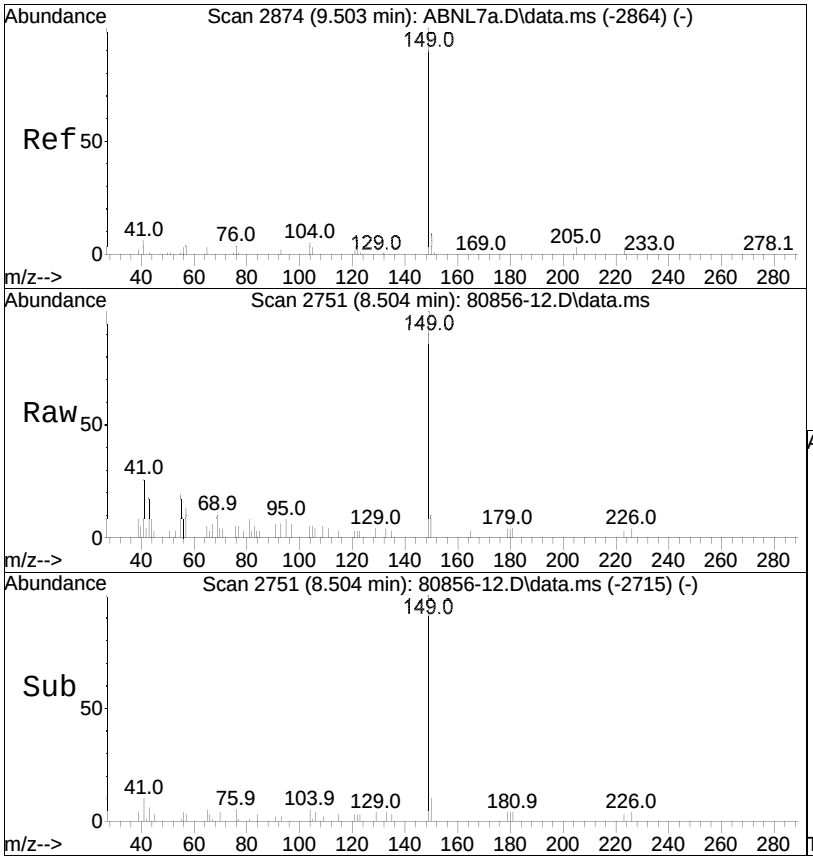


#91
Carbazole
Concen: 0.11 ug/ml
RT: 8.066 min Scan# 2597
Delta R.T. 0.005 min
Lab File: 80856-12.D
Acq: 3 Jan 2026 4:52 pm

Tgt Ion:167 Resp: 2664

Ion	Ratio	Lower	Upper
167	100		
168	0.0	10.6	15.8#
166	23.3	17.7	26.5

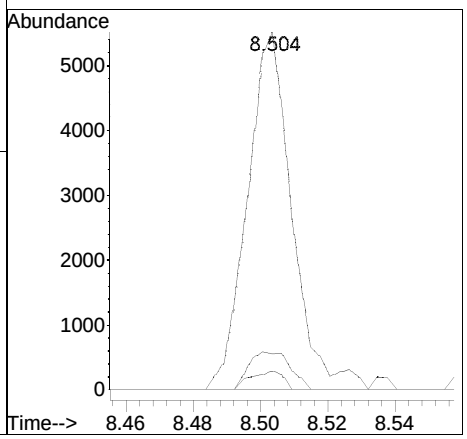


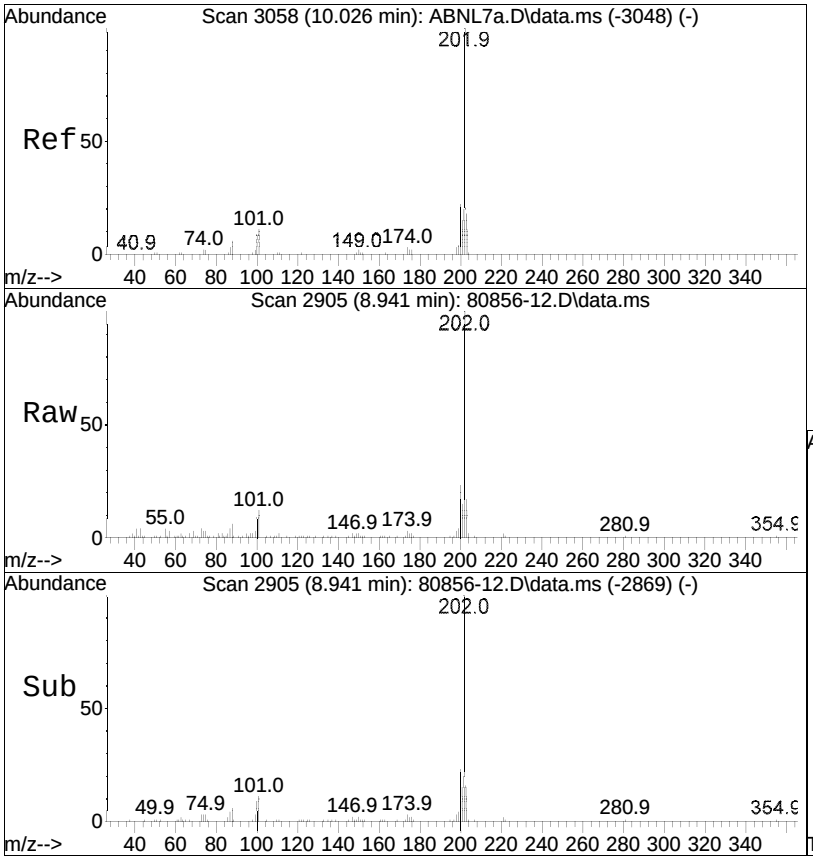


#92
Di-n-butylphthalate
Concen: 0.18 ug/ml
RT: 8.504 min Scan# 2751
Delta R.T. 0.003 min
Lab File: 80856-12.D
Acq: 3 Jan 2026 4:52 pm

Tgt Ion:149 Resp: 5036

Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.4	11.0
104	0.0	4.2	6.2#

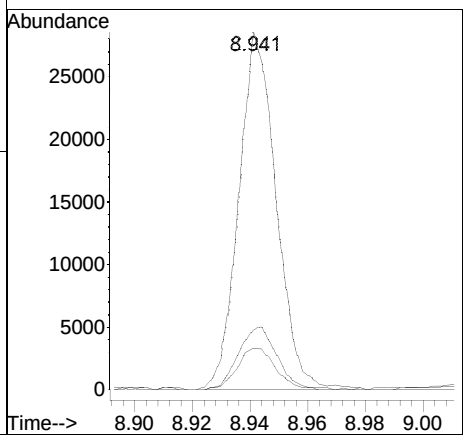


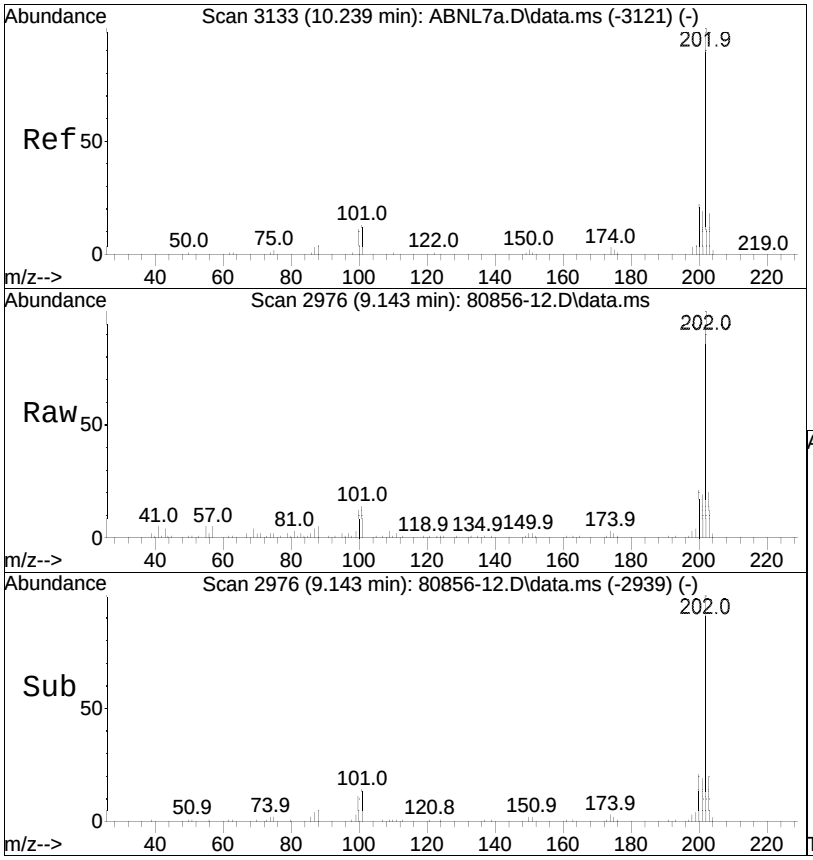


#93
Fluoranthene
Concen: 0.84 ug/ml
RT: 8.941 min Scan# 2905
Delta R.T. 0.003 min
Lab File: 80856-12.D
Acq: 3 Jan 2026 4:52 pm

Tgt Ion:202 Resp: 25624

Ion	Ratio	Lower	Upper
202	100		
101	12.2	11.4	17.0
203	18.5	13.9	20.9

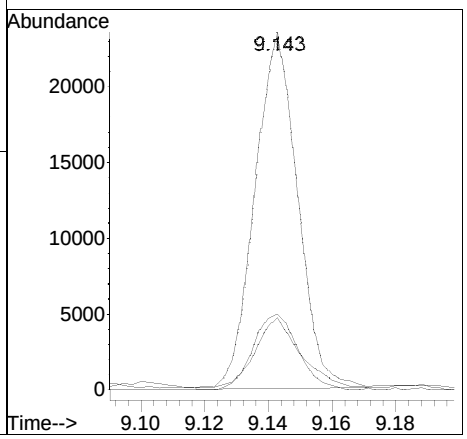


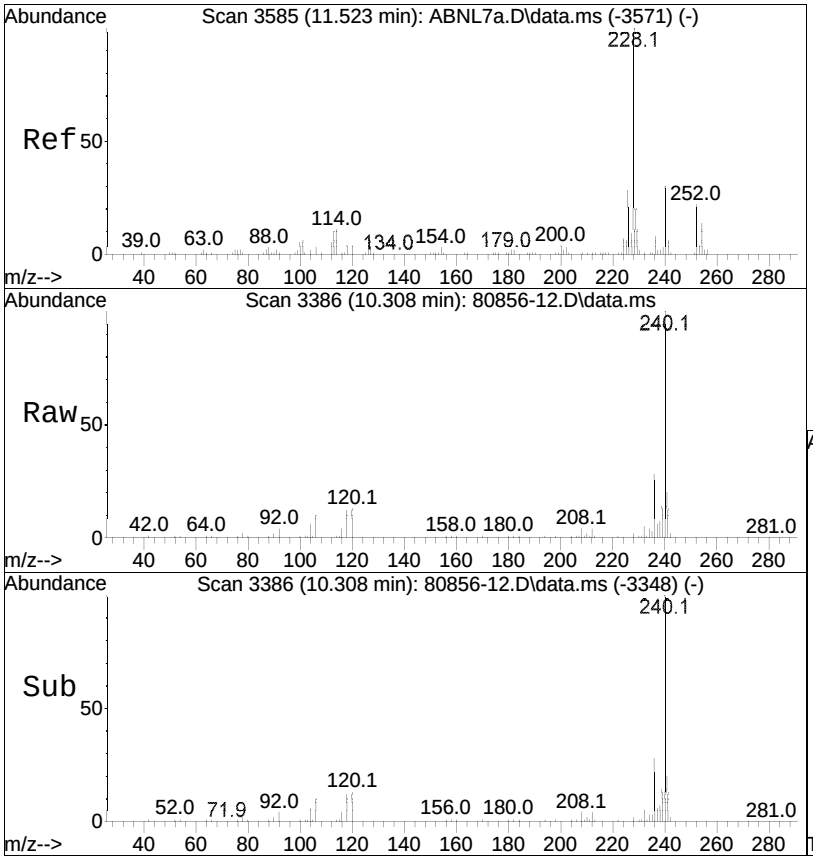


#95
Pyrene
Concen: 0.67 ug/ml
RT: 9.143 min Scan# 2976
Delta R.T. 0.006 min
Lab File: 80856-12.D
Acq: 3 Jan 2026 4:52 pm

Tgt Ion:202 Resp: 21595

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.0	25.4
203	21.4	14.2	21.2#

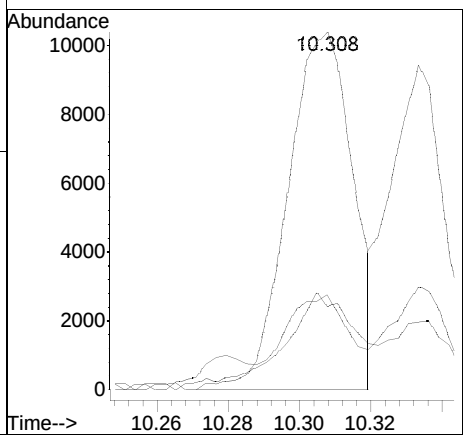


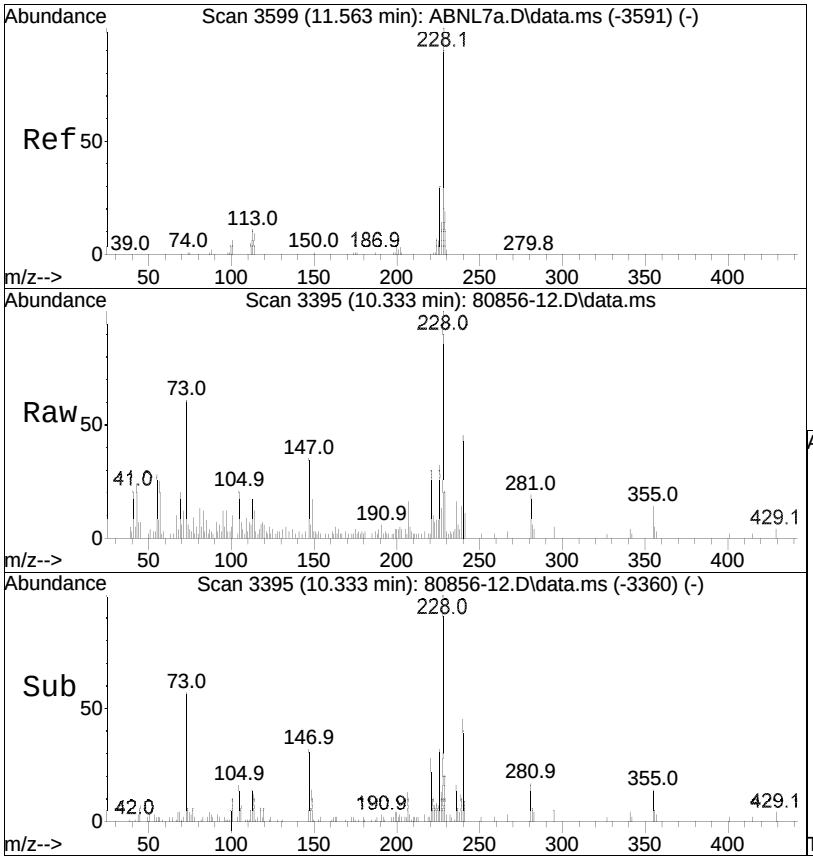


#105
Benzo(a)anthracene
Concen: 0.47 ug/ml
RT: 10.308 min Scan# 3386
Delta R.T. 0.008 min
Lab File: 80856-12.D
Acq: 3 Jan 2026 4:52 pm

Tgt Ion:228 Resp: 13148

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.2	33.2
229	31.3	15.6	23.4#

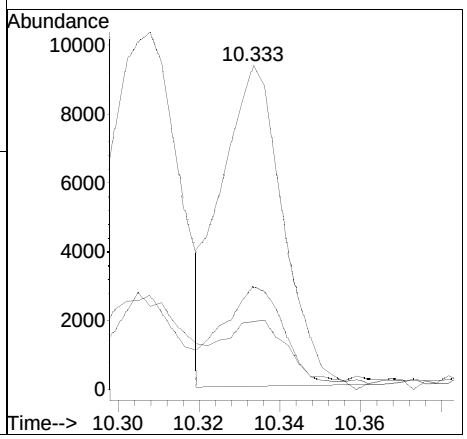


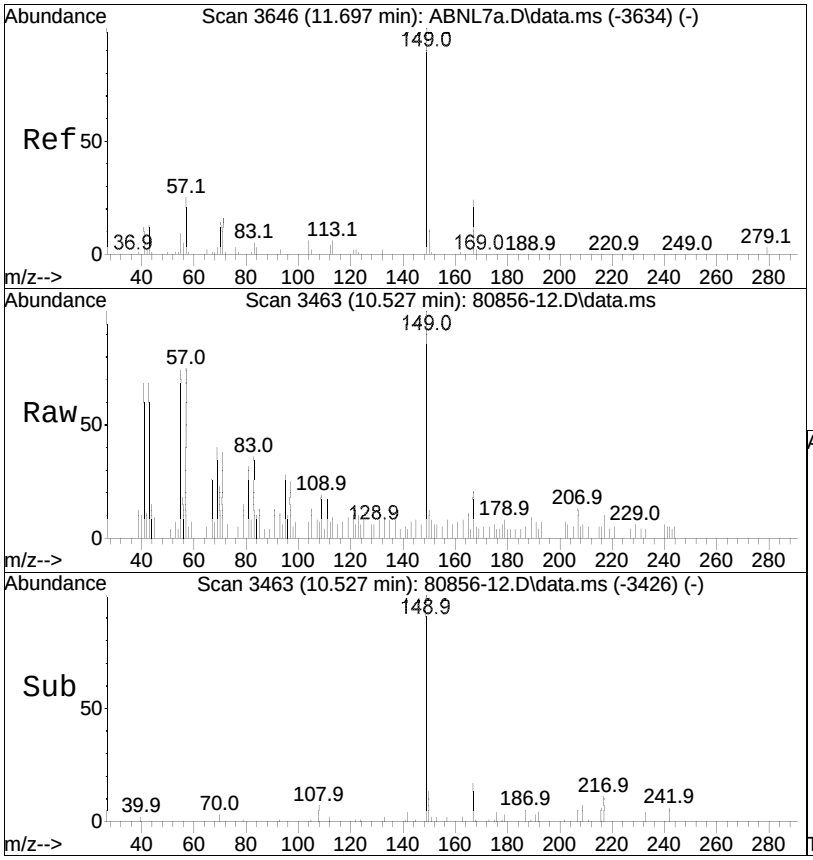


#107
Chrysene
Concen: 0.37 ug/ml
RT: 10.333 min Scan# 3395
Delta R.T. -0.000 min
Lab File: 80856-12.D
Acq: 3 Jan 2026 4:52 pm

Tgt Ion:228 Resp: 9905

Ion	Ratio	Lower	Upper
228	100		
226	33.5	24.6	37.0
229	19.1	15.8	23.6

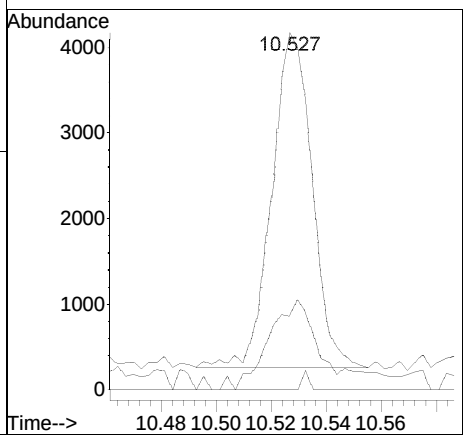


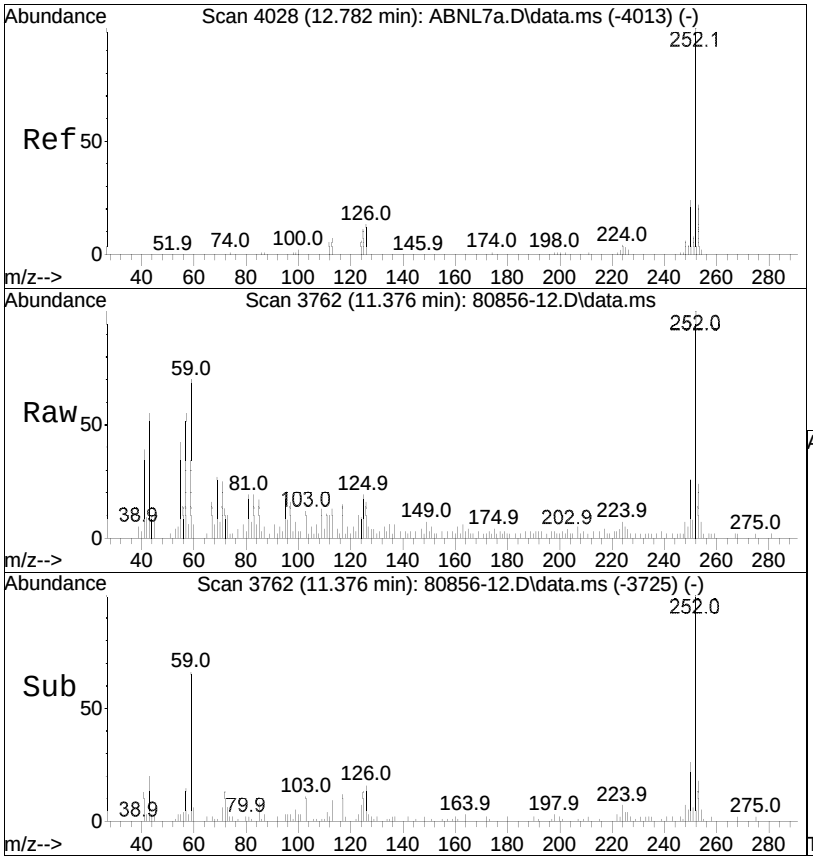


#108
Bis(2-ethylhexyl)phthalate
Concen: 0.26 ug/ml
RT: 10.527 min Scan# 3463
Delta R.T. 0.005 min
Lab File: 80856-12.D
Acq: 3 Jan 2026 4:52 pm

Tgt Ion:149 Resp: 3939

Ion	Ratio	Lower	Upper
149	100		
167	37.8	19.4	29.0#
279	0.0	2.3	3.5#

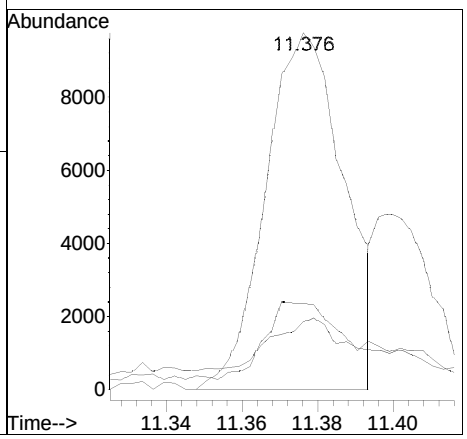


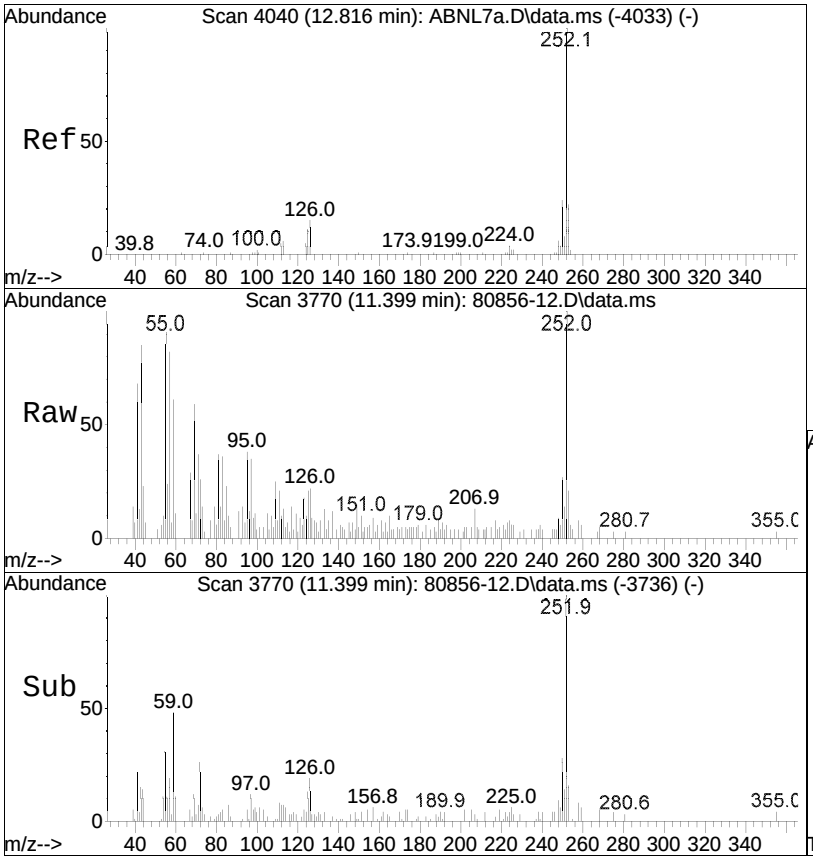


#110
Benzo(b)fluoranthene
Concen: 0.51 ug/ml
RT: 11.376 min Scan# 3762
Delta R.T. 0.006 min
Lab File: 80856-12.D
Acq: 3 Jan 2026 4:52 pm

Tgt Ion:252 Resp: 14006

Ion	Ratio	Lower	Upper
252	100		
125	21.1	11.6	17.4#
253	29.8	17.4	26.0#

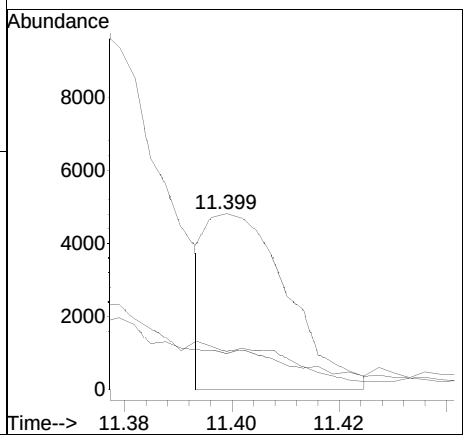


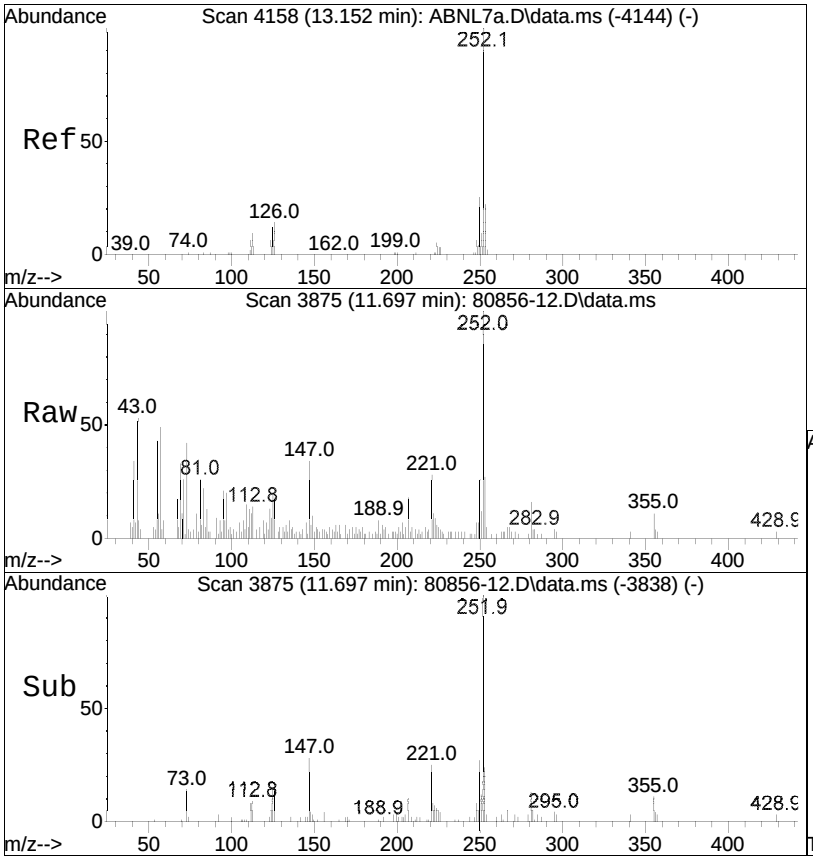


#111
Benzo(k)fluoranthene
Concen: 0.19 ug/ml M3
RT: 11.399 min Scan# 3770
Delta R.T. -0.003 min
Lab File: 80856-12.D
Acq: 3 Jan 2026 4:52 pm

Tgt Ion:252 Resp: 5046

Ion	Ratio	Lower	Upper
252	100		
125	58.6	11.4	17.0#
253	82.8	17.2	25.8#

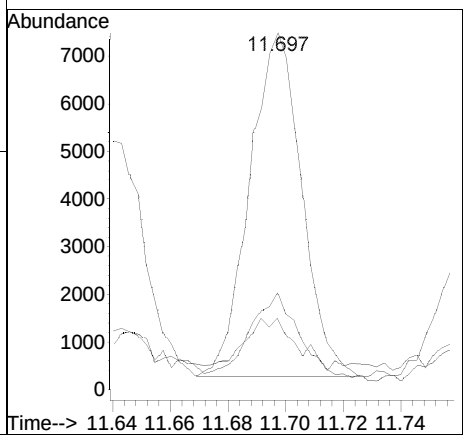


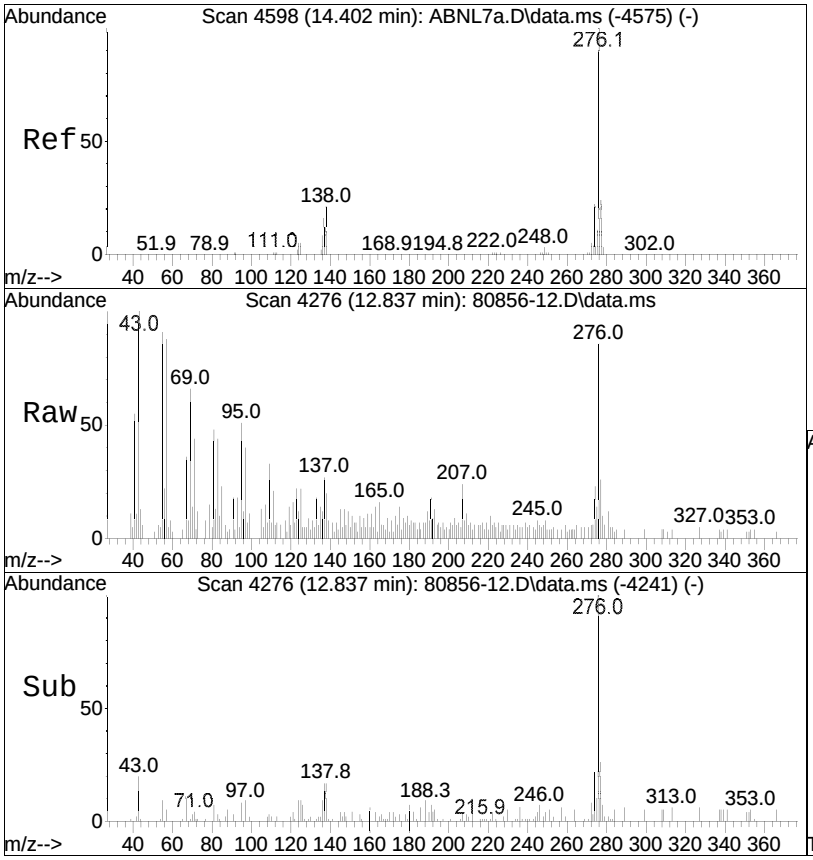


#112
Benzo(a)pyrene
Concen: 0.35 ug/ml
RT: 11.697 min Scan# 3875
Delta R.T. 0.006 min
Lab File: 80856-12.D
Acq: 3 Jan 2026 4:52 pm

Tgt Ion:252 Resp: 9024

Ion	Ratio	Lower	Upper
252	100		
125	15.1	12.6	18.8
253	25.5	16.9	25.3#

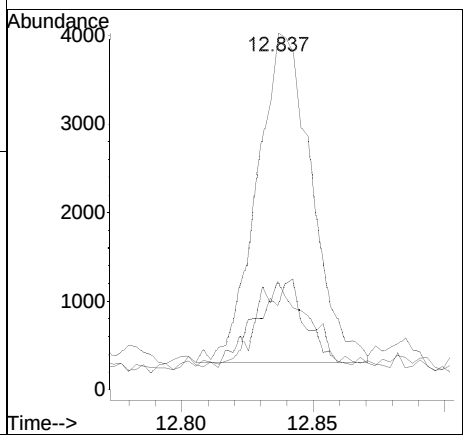


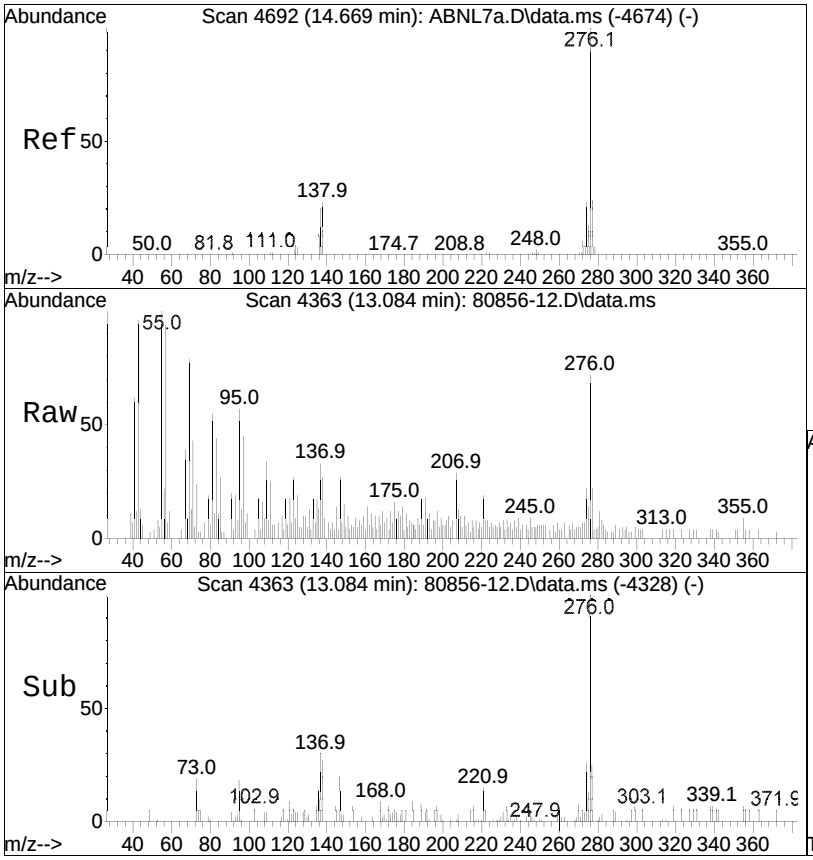


#114
Indeno(1,2,3-cd)pyrene
Concen: 0.20 ug/mL
RT: 12.837 min Scan# 4276
Delta R.T. -0.000 min
Lab File: 80856-12.D
Acq: 3 Jan 2026 4:52 pm

Tgt Ion:276 Resp: 5316

Ion	Ratio	Lower	Upper
276	100		
138	23.6	21.4	32.0
277	25.4	19.2	28.8

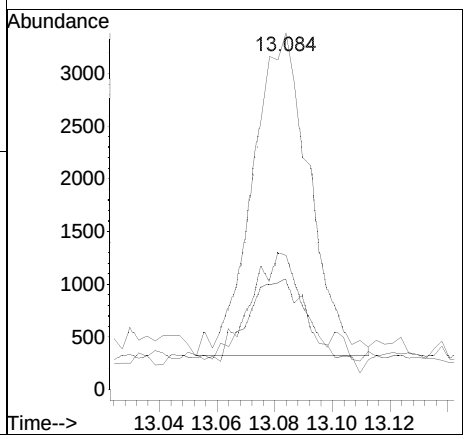




#116
Benzo(ghi)perylene
Concen: 0.16 ug/ml
RT: 13.084 min Scan# 4363
Delta R.T. -0.000 min
Lab File: 80856-12.D
Acq: 3 Jan 2026 4:52 pm

Tgt Ion:276 Resp: 4165

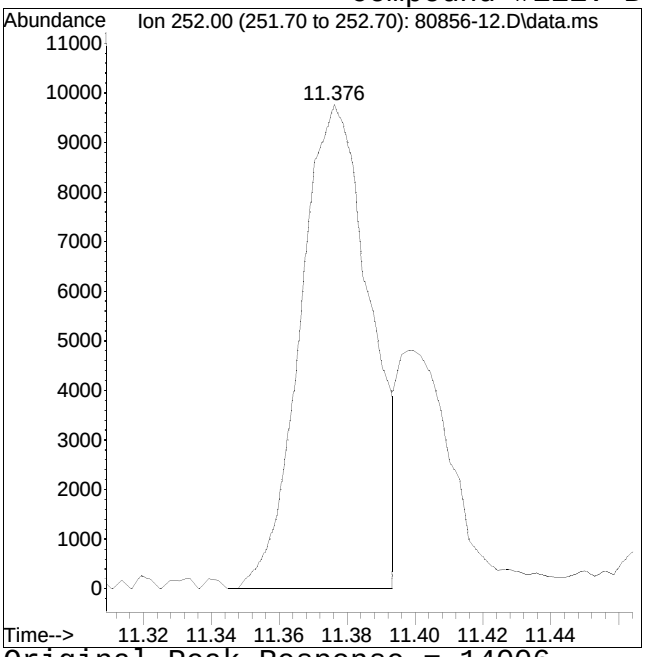
Ion	Ratio	Lower	Upper
276	100		
138	29.4	26.7	40.1
277	34.9	19.4	29.2#

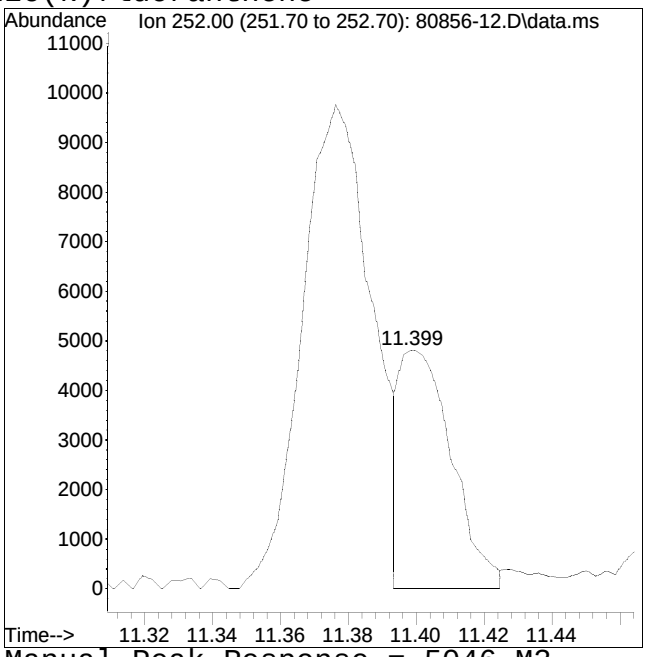


Manual Integration Report

Data Path	: I:\8270\SV103\260103\	QMethod	: FS251116SV103.m
Data File	: 80856-12.D	Operator	: SV103:cmm
Date Inj'd	: 1/3/2026 4:52 pm	Instrument	: SV103
Sample	: L2580856-12,32,,gmr	Quant Date	: 1/3/2026 5:09 pm

Compound #111: Benzo(k)fluoranthene





Original Peak Response = 14006 Manual Peak Response = 5046 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

LSC Area Percent Report

Data Path : I:\8270\SV103\260103\
Data File : 80856-12.D
Acq On : 3 Jan 2026 4:52 pm
Operator : SV103:cmm
Sample : L2580856-12,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 24 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 400 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV103\260103\FS251116SV103.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 80856-12.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.565	288	309	348	rBV	7992121	17100149	100.00%	36.836%
2	1.931	427	438	465	rBV	406565	788386	4.61%	1.698%
3	3.190	867	881	889	rBV	868736	890606	5.21%	1.919%
4	3.363	931	942	955	rBV	639665	735549	4.30%	1.584%
5	3.457	958	975	987	rBV2	5318349	6833611	39.96%	14.721%
6	3.602	1015	1026	1040	rBV	4338554	4248732	24.85%	9.152%
7	4.025	1169	1175	1193	rBV	449547	403231	2.36%	0.869%
8	4.716	1411	1418	1429	rVB	2271844	1817819	10.63%	3.916%
9	5.810	1795	1803	1812	rBV	1099702	893891	5.23%	1.926%
10	6.401	2002	2011	2019	rBV	2715982	2267845	13.26%	4.885%
11	7.162	2270	2279	2290	rBV	1060444	892330	5.22%	1.922%
12	7.802	2491	2504	2516	rBV2	2842548	2546092	14.89%	5.485%
13	9.379	3051	3059	3069	rVB	1177457	1036521	6.06%	2.233%
14	10.314	3378	3388	3404	rBV2	2514787	2599533	15.20%	5.600%
15	10.439	3426	3432	3444	rVB	162758	191141	1.12%	0.412%
16	10.774	3543	3550	3562	rVB2	184619	227648	1.33%	0.490%
17	11.126	3666	3674	3685	rVB	146546	173810	1.02%	0.374%
18	11.763	3886	3898	3913	rVB2	2218077	2775072	16.23%	5.978%

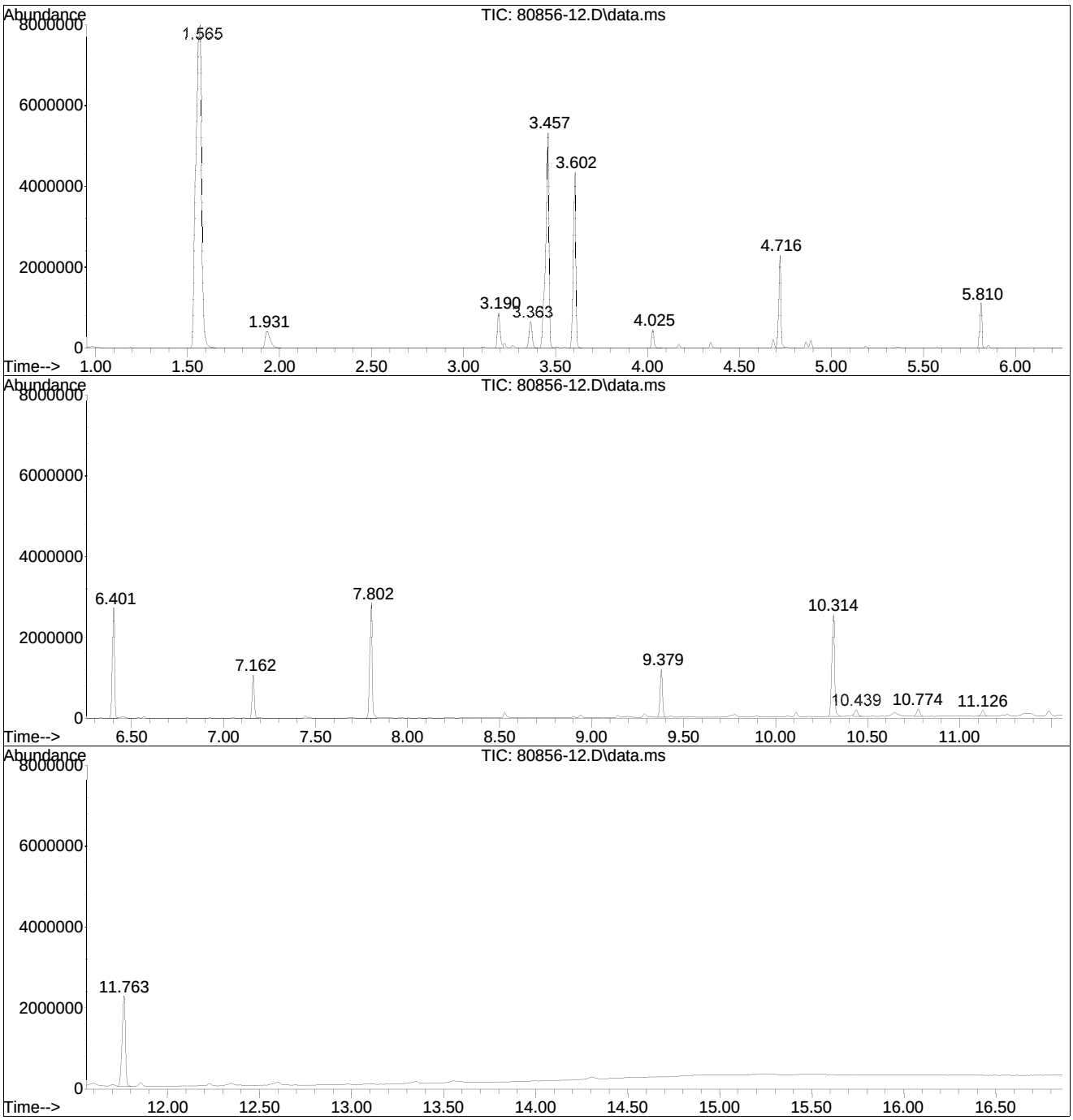
Sum of corrected areas: 46421966

LSC Report - Integrated Chromatogram

Data Path : I:\8270\SV103\260103\
Data File : 80856-12.D
Acq On : 3 Jan 2026 4:52 pm
Operator : SV103:cmm
Sample : L2580856-12,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 24 Sample Multiplier: 1

Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : I:\8270\SV103\260103\
Data File : 80856-12.D
Acq On : 3 Jan 2026 4:52 pm
Operator : SV103:cmm
Sample : L2580856-12,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 24 Sample Multiplier: 1

Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270

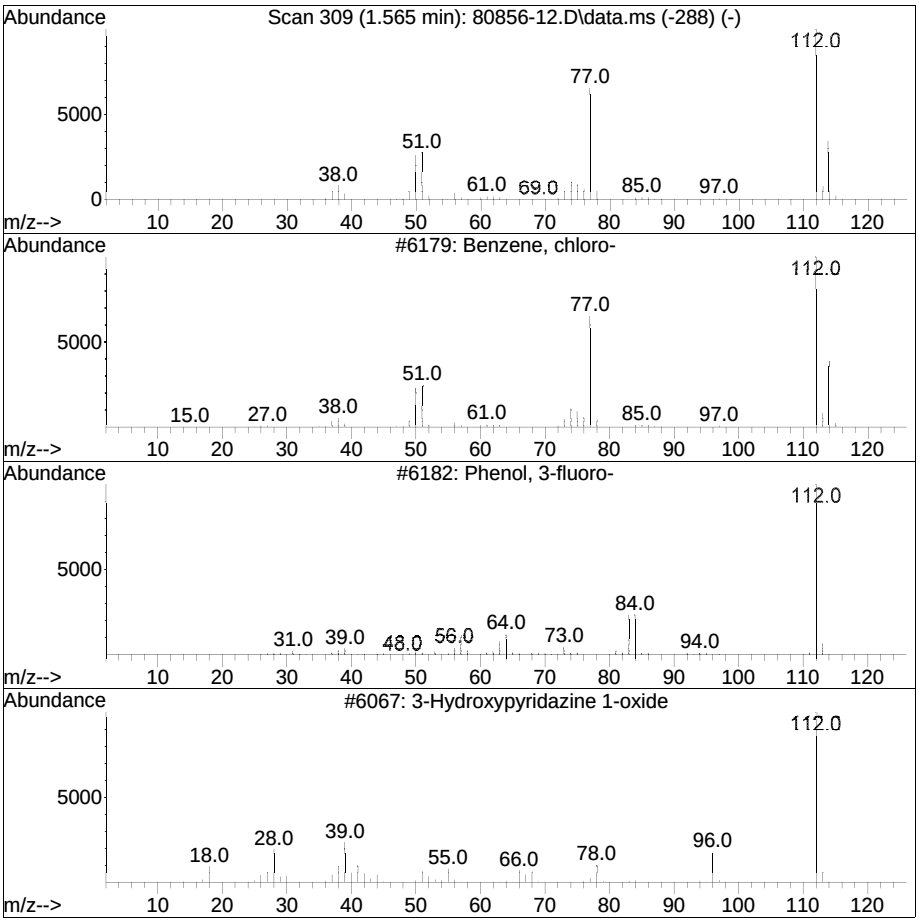
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

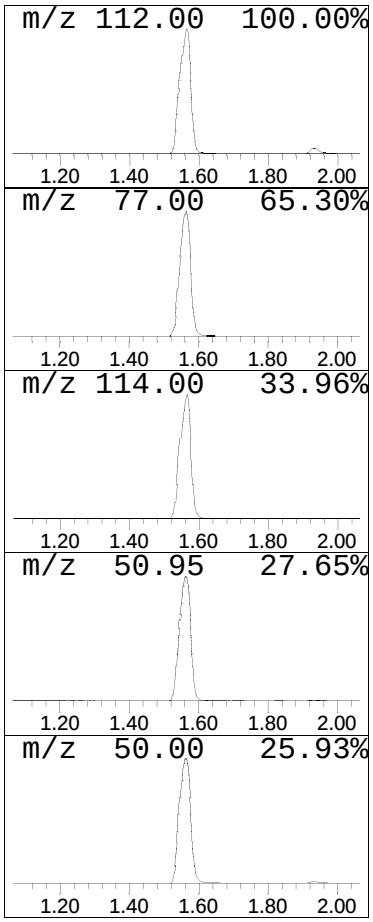
****

Peak Number 1 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.565	100.09 ug/ml	17100100	IS2_1,4-Dichlorobenzene-d4	3.437

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	27
3	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	27
4	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	17
5	3-Nitropyrrole	112	C4H4N2O2	005930-94-9	16





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV103\260103\
Data File : 80856-12.D
Acq On : 3 Jan 2026 4:52 pm
Operator : SV103:cmm
Sample : L2580856-12,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 24 Sample Multiplier: 1

Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, chloro-	1.565	100.1	ug/ml	17100100	1	3.437	6833610	40.0

Semivolatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: JULIET**	**Ical Ref**	**: ICAL22379**
Calibration dates	**: 06/14/25 13:05 06/15/25 01:41**		

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =ADPL5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------										
2)	t	n-Nitrosodimet	0.407	0.490	0.701	0.529	0.608	0.536	0.550	0.558	0.552	0.534	0.546	13.81
3)	t	Pyridine	0.845	0.931	1.192	0.880	1.053	0.986	0.951	0.995	0.968	0.949	0.975	9.86
4)	S	2-Fluorophenol	0.929	0.917	1.140	0.922	1.067	0.989	0.980	0.976	0.983	0.952	0.985	7.07
5)	T	Aniline	1.691	1.580	1.968	1.492	1.776	1.641	1.568	1.544	1.520	1.438	1.622	9.66
6)	t	2-Chlorophenol	1.187	1.312	1.480	1.203	1.323	1.282	1.214	1.235	1.215	1.192	1.264	7.14
7)	S	Phenol-d6	1.312	1.248	1.518	1.139	1.381	1.260	1.213	1.203	1.226	1.146	1.265	9.06
8)	T	Phenol	1.426	1.310	1.753	1.336	1.568	1.423	1.354	1.340	1.350	1.247	1.411	10.47
9)	T	Bis(2-chloroet	1.000	0.903	1.104	0.842	0.961	0.910	0.874	0.858	0.857	0.804	0.911	9.73
10)	T	1,3-Dichlorobe	1.657	1.582	1.852	1.476	1.647	1.520	1.434	1.476	1.442	1.393	1.548	9.01
11)	T	1,4-Dichlorobe	1.653	1.578	1.894	1.512	1.647	1.566	1.484	1.481	1.495	1.425	1.574	8.55
12)	T	1,2-Dichlorobe	1.655	1.510	1.777	1.459	1.650	1.503	1.417	1.413	1.415	1.371	1.517	8.80
13)	t	Benzyl alcohol	0.868	0.786	1.051	0.815	0.977	0.921	0.895	0.891	0.895	0.820	0.892	8.87
14)	T	Bis(2-chlorois	1.400	1.317	1.547	1.292	1.428	1.356	1.266	1.297	1.268	1.134	1.331	8.36
15)	T	2-Methylphenol	1.017	0.978	1.263	1.010	1.149	1.090	1.028	1.022	1.004	0.959	1.052	8.74
16)	T	Hexachloroethane	0.528	0.468	0.600	0.478	0.514	0.486	0.472	0.479	0.472	0.448	0.495	8.79
17)	T	n-Nitrosodi-n-	0.751	0.764	0.972	0.776	0.848	0.781	0.737	0.737	0.731	0.675	0.777	10.47
18)	T	3-Methylphenol	1.112	1.061	1.341	1.056	1.243	1.157	1.092	1.071	1.052	1.018	1.120	8.98
19)	S	Nitrobenzene-d5	1.052	1.028	1.327	1.010	1.182	1.129	1.103	1.114	1.098	0.997	1.104	8.82
20)	T	Nitrobenzene	1.079	1.034	1.305	0.992	1.180	1.115	1.062	1.084	1.069	0.971	1.089	8.83
21)	T	Isophorone	2.140	2.052	2.632	1.991	2.376	2.207	2.009	2.064	2.081	1.915	2.147	9.93
22)	T	2-Nitrophenol		0.471	0.669	0.497	0.656	0.654	0.644	0.687	0.691	0.650	0.624	13.06
23)	T	2,4-Dimethylph	1.294	1.182	1.522	1.167	1.365	1.270	1.226	1.175	1.222	1.121	1.254	9.38
24)	T	Bis(2-chloroet	1.504	1.273	1.610	1.242	1.411	1.350	1.259	1.259	1.237	1.153	1.330	10.53
25)	T	2,4-Dichloroph	1.394	1.289	1.781	1.316	1.567	1.443	1.385	1.366	1.362	1.340	1.424	10.33
26)	T	1,2,4-Trichlor	1.883	1.668	2.112	1.639	1.852	1.721	1.611	1.594	1.617	1.574	1.727	9.95
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------										
28)	T	Benzaldehyde	0.914	0.873	0.827	0.872	0.899	0.860	0.838	0.841	0.865	0.828	0.862	3.39
29)	T	Acetophenone	1.527	1.613	1.555	1.565	1.660	1.666	1.593	1.626	1.533	1.468	1.581	3.97
30)	T	m-Toluidine	1.002	1.231	1.366	1.440	1.523	1.635	1.554	1.613	1.589	1.525	1.448	13.77
31)	T	2-Chloroaniline	1.646	1.594	1.496	1.590	1.670	1.690	1.620	1.652	1.576	1.532	1.607	3.82
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------										
33)	T	1,4-Dioxane	0.285	0.321	0.307	0.305	0.305	0.330	0.305	0.294	0.299	0.290	0.304	4.51
34)	T	n-Decane	0.699	0.782	0.788	0.750	0.805	0.781	0.763	0.733	0.720	0.702	0.752	4.98
35)	I	IS1_Naphthalene-d8	----------ISTD----------										
36)	T	Naphthalene	1.109	1.074	1.279	1.023	1.155	1.049	1.011	0.994	0.978	0.961	1.063	9.11

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: JULIET**	**Ical Ref**	**: ICAL22379**
Calibration dates	**: 06/14/25 13:05 06/15/25 01:41**		

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =ADPL5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	
37)	T	Benzoic Acid				0.056	0.116	0.182	0.218	0.230	0.232	0.229	*L	0.99
94)														
38)	T	4-Chloroaniline	0.110	0.106	0.118	0.108	0.110	0.113	0.108	0.107	0.103	0.097	0.108	5.20
39)	T	Hexachlorobuta	0.341	0.308	0.354	0.284	0.316	0.288	0.275	0.281	0.267	0.270	0.298	10.19
40)	T	p-Chloro-m-cresol	0.293	0.279	0.351	0.274	0.322	0.294	0.290	0.292	0.276	0.271	0.294	8.45
41)	T	2-Methylnaphth	0.789	0.735	0.880	0.680	0.752	0.699	0.671	0.673	0.660	0.654	0.719	9.97
42)	T	1-Methylnaphth	0.244	0.236	0.264	0.216	0.245	0.228	0.220	0.216	0.206	0.194	0.227	9.16
43)	T	Hexachlorocycl	0.255	0.318	0.344	0.300	0.338	0.331	0.329	0.346	0.331	0.340	0.323	8.55
44)	T	2,4,6-Trichlor	0.337	0.346	0.390	0.325	0.367	0.344	0.343	0.333	0.319	0.317	0.342	6.55
45)	T	2,4,5-Trichlor	0.366	0.358	0.454	0.368	0.406	0.382	0.337	0.346	0.346	0.349	0.371	9.55
46)	S	2-Fluorobiphenyl	1.188	1.093	1.371	1.046	1.213	1.107	1.053	1.020	0.989	0.972	1.105	11.03
47)	T	2-Chloronaphth	0.975	0.880	1.083	0.861	0.960	0.878	0.826	0.817	0.785	0.766	0.883	11.07
48)	T	2-Nitroaniline	0.178	0.196	0.247	0.206	0.248	0.235	0.238	0.236	0.227	0.222	0.223	10.37
49)	T	1,4-Dinitroben	0.080	0.082	0.108	0.091	0.111	0.112	0.115	0.113	0.117	0.110	0.104	13.49
50)	T	1,3-Dinitroben	0.103	0.100	0.131	0.110	0.137	0.134	0.136	0.127	0.131	0.129	0.124	11.24
51)	T	Dimethyl phtha	1.237	1.145	1.308	1.074	1.192	1.079	1.034	0.960	0.989	0.959	1.098	10.94
52)	T	Acenaphthylene	1.551	1.449	1.762	1.417	1.603	1.473	1.409	1.327	1.326	1.273	1.459	10.09
53)	T	2,6-Dinitrotol	0.180	0.182	0.217	0.186	0.224	0.216	0.209	0.198	0.200	0.191	0.200	7.85
54)	T	1,2-Dinitroben	0.067	0.056	0.095	0.072	0.092	0.087	0.086	0.081	0.085	0.081	0.080	14.96
55)	I	IS2_Naphthalene-d8	----------ISTD----------											
56)	T	a-Terpineol	0.171	0.205	0.184	0.193	0.202	0.211	0.202	0.196	0.196	0.182	0.194	6.32
57)	T	3-Chloroaniline	0.124	0.108	0.104	0.112	0.117	0.115	0.108	0.105	0.102	0.098	0.109	7.26
58)	T	2,6-Dichlorophenol	0.319	0.319	0.322	0.337	0.370	0.373	0.370	0.363	0.363	0.349	0.349	6.43
59)	T	1-chloro-2-nitrobenzene	0.108	0.107	0.125	0.124	0.129	0.133	0.133	0.133	0.132	0.126	0.125	7.93
60)	T	Caprolactam		0.104	0.106	0.097	0.125	0.131	0.118	0.121	0.118	0.113	0.115	9.46
61)	T	1,2,4,5-Tetrachloroben...	0.580	0.572	0.562	0.562	0.588	0.568	0.571	0.563	0.543	0.545	0.565	2.47
62)	T	Biphenyl	1.032	1.061	1.030	1.055	1.100	1.078	1.051	1.020	1.008	0.987	1.042	3.23
63)	I	IS1_Acenaphthene-d10	----------ISTD----------											
64)	T	3-Nitroaniline	0.247	0.260	0.349	0.267	0.341	0.327	0.308	0.311	0.310	0.299	0.302	11.33
65)	T	Acenaphthene	1.347	1.136	1.400	1.145	1.305	1.174	1.117	1.072	1.050	1.042	1.179	10.84
66)	T	2,4-Dinitrophenol				0.066	0.117	0.124	0.143	0.161	0.164	0.161	*L	0.99
84)														
67)	T	Dibenzofuran	2.100	2.007	2.475	1.876	2.157	1.971	1.815	1.853	1.825	1.793	1.987	10.67
68)	T	2,4-Dinitrotol	0.297	0.295	0.438	0.350	0.440	0.424	0.415	0.426	0.430	0.417	0.393	14.55
69)	T	4-Nitrophenol	0.155	0.171	0.217	0.174	0.216	0.197	0.189	0.195	0.197	0.182	0.189	10.32
70)	T	2,3,5,6-Tetrac	0.452	0.413	0.544	0.431	0.505	0.497	0.459	0.476	0.467	0.471	0.472	7.94

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: JULIET**	**Ical Ref**	**: ICAL22379**
Calibration dates	**: 06/14/25 13:05 06/15/25 01:41**		

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =ADPL5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	
71)	T	2,3,4,6-Tetrachlorophenol	0.453	0.471	0.593	0.478	0.534	0.485	0.462	0.466	0.455	0.448	0.484	9.35
72)	T	Diethyl phthalate	1.560	1.488	1.750	1.371	1.619	1.467	1.337	1.374	1.370	1.306	1.464	9.72
73)	T	Fluorene	1.668	1.516	1.828	1.535	1.757	1.566	1.451	1.469	1.482	1.437	1.571	8.62
74)	T	4-Chlorophenyl	0.918	0.838	1.023	0.798	0.943	0.848	0.794	0.796	0.798	0.778	0.853	9.56
75)	T	4-Nitroaniline	0.258	0.306	0.367	0.294	0.370	0.338	0.321	0.314	0.309	0.292	0.317	10.82
76)	T	4,6-Dinitro-o-		0.072	0.128	0.111	0.184	0.202	0.215	0.236	0.240	0.227	*L	0.99
82)														
77)	T	NDPA/DPA	1.432	1.329	1.690	1.319	1.549	1.339	1.242	1.255	1.223	1.184	1.356	11.72
78)	T	Azobenzene	1.049	0.983	1.159	0.956	1.111	1.007	0.958	0.970	0.946	0.865	1.000	8.58
79)	S	2,4,6-Tribromo	0.246	0.241	0.307	0.249	0.284	0.258	0.241	0.237	0.240	0.234	0.254	9.35
80)	T	4-Bromophenyl	0.610	0.566	0.667	0.511	0.595	0.539	0.481	0.489	0.469	0.459	0.539	12.88
81)	T	Hexachlorobenzene	0.674	0.658	0.726	0.595	0.668	0.572	0.525	0.531	0.520	0.506	0.597	13.17
82)	T	Pentachlorophenol		0.230	0.361	0.308	0.412	0.381	0.369	0.372	0.378	0.379	0.354	15.24
83)	I	IS2_Acenaphthene-d10	----------ISTD----------											
84)	T	Dichloran				0.161	0.184	0.210	0.227	0.242	0.251	0.250	0.218	15.85
85)	T	Pentachloronitrobenzene		0.143	0.147	0.170	0.189	0.205	0.208	0.213	0.218	0.214	0.190	15.44
86)	I	IS3_Acenaphthene-d10	----------ISTD----------											
87)	T	Atrazine	0.392	0.442	0.418	0.438	0.479	0.476	0.485	0.492	0.505	0.503	0.463	8.29
88)	I	IS1_Phenanthrene-d10	----------ISTD----------											
89)	T	Phenanthrene	1.248	1.182	1.379	1.115	1.189	1.124	1.065	1.081	1.072	1.054	1.151	8.89
90)	T	Anthracene	1.249	1.180	1.412	1.116	1.222	1.147	1.093	1.118	1.087	1.065	1.169	8.91
91)	T	Carbazole	1.153	1.115	1.320	1.046	1.202	1.093	1.002	1.043	1.027	1.001	1.100	9.23
92)	T	Di-n-butylphth	1.140	1.079	1.332	1.064	1.229	1.171	1.099	1.154	1.139	1.123	1.153	6.83
93)	T	Fluoranthene	1.622	1.532	1.858	1.443	1.672	1.529	1.458	1.521	1.489	1.488	1.561	8.07
94)	T	Benzidine	0.886	0.954	1.121	0.969	1.102	0.985	0.936	0.956	0.946	0.969	0.982	7.45
95)	T	Pyrene	1.671	1.676	1.976	1.554	1.782	1.610	1.530	1.547	1.508	1.480	1.633	9.29
96)	S	4-Terphenyl-d14	1.274	1.220	1.440	1.138	1.328	1.185	1.125	1.147	1.130	1.139	1.213	8.68
97)	T	Butyl benzyl p	0.456	0.466	0.566	0.469	0.576	0.543	0.533	0.540	0.547	0.531	0.523	8.21
98)	I	IS2_Phenanthrene-d10	----------ISTD----------											
99)	T	Diphenamid	0.503	0.507	0.482	0.539	0.546	0.555	0.538	0.535	0.538	0.543	0.529	4.34
100)	I	IS3_Phenanthrene-d10	----------ISTD----------											
101)	T	n-Octadecane	0.184	0.202	0.188	0.206	0.227	0.219	0.216	0.210	0.197	0.202	0.205	6.57
102)	T	Parathion				0.049	0.060	0.066	0.074	0.080	0.085	0.081	0.071	18.44
103)	T	3,3'-Dimethylb				0.729	0.798	0.978	0.994	1.032	1.079	1.061	0.953	14.21
104)	I	IS1_Chrysene-d12	----------ISTD----------											
105)	T	Benzo(a)anthra	1.661	1.481	1.803	1.417	1.600	1.477	1.436	1.502	1.488	1.494	1.536	7.73

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: JULIET**	**Ical Ref**	**: ICAL22379**
Calibration dates	**: 06/14/25 13:05 06/15/25 01:41**		

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =ADPL5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	
106)	T	3,3'-Dichlorob	0.514	0.510	0.642	0.517	0.591	0.561	0.548	0.585	0.589	0.600	0.566	7.66
107)	T	Chrysene	1.471	1.393	1.641	1.301	1.433	1.364	1.269	1.299	1.262	1.265	1.370	8.80
108)	T	Bis(2-ethylhex	0.597	0.543	0.738	0.589	0.721	0.707	0.683	0.699	0.677	0.656	0.661	9.71
109)	T	Di-n-octylphth	0.858	0.861	1.206	0.988	1.226	1.205	1.235	1.313	1.330	1.316	1.154	15.84
110)	T	Benzo(b)fluora	1.502	1.411	1.696	1.378	1.624	1.463	1.423	1.447	1.435	1.501	1.488	6.70
111)	T	Benzo(k)fluora	1.564	1.449	1.737	1.404	1.511	1.476	1.356	1.368	1.308	1.262	1.444	9.59
112)	T	Benzo(a)pyrene	1.401	1.397	1.587	1.322	1.499	1.402	1.355	1.332	1.339	1.322	1.396	6.20
113)	I	IS1_Perylene-d12	----------ISTD----------											
114)	T	Indeno(1,2,3-c	1.193	1.158	1.415	1.136	1.374	1.283	1.242	1.298	1.363	1.365	1.283	7.63
115)	T	Dibenzo(a,h)an	1.186	1.159	1.399	1.144	1.339	1.225	1.178	1.185	1.211	1.169	1.220	6.83
116)	T	Benzo(ghi)pery	1.246	1.211	1.425	1.170	1.375	1.271	1.190	1.178	1.189	1.137	1.239	7.56

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: GCMS5**	**Ical Ref**	**: ICAL22516**
Calibration dates	**: 07/31/25 22:15 08/01/25 11:59**		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =ABNL7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	N-Nitrosodimethylamine	0.743	0.713	0.707	0.743	0.751	0.766	0.745	0.760	0.770	0.743	0.744	2.78
3)	t	Pyridine	1.240	1.292	1.086	1.294	1.332	1.267	1.319	1.328	1.398	1.376	1.293	6.70
4)	S	2-Fluorophenol	1.061	1.023	1.061	1.083	1.103	1.145	1.135	1.173	1.188	1.195	1.117	5.33
5)	T	Aniline	1.748	1.816	1.788	1.861	1.934	2.024	1.993	2.088	2.113	2.099	1.946	7.02
6)	t	2-Chlorophenol	1.289	1.245	1.244	1.303	1.349	1.355	1.352	1.405	1.418	1.436	1.340	5.10
7)	S	Phenol-d6	1.424	1.328	1.335	1.458	1.487	1.575	1.545	1.632	1.646	1.641	1.507	7.98
8)	T	Phenol	1.656	1.541	1.441	1.506	1.530	1.621	1.605	1.660	1.685	1.624	1.587	4.95
9)	T	bis(2-Chloroethyl)ether	1.162	1.149	1.136	1.144	1.158	1.200	1.126	1.181	1.171	1.206	1.163	2.28
10)	T	1,3-Dichlorobenzene	1.697	1.503	1.506	1.496	1.503	1.562	1.536	1.583	1.607	1.668	1.566	4.61
11)	T	1,4-Dichlorobenzene	1.778	1.582	1.591	1.592	1.585	1.634	1.591	1.651	1.676	1.732	1.641	4.19
12)	T	1,2-Dichlorobenzene	1.644	1.460	1.458	1.498	1.509	1.575	1.532	1.668	1.698	1.748	1.579	6.59
13)	t	Benzyl alcohol	0.904	0.936	0.930	0.968	1.029	1.120	1.124	1.240	1.285	1.295	1.083	14.00
14)	T	bis(2-chloroisopropyl)ether	1.939	1.833	1.874	1.871	1.918	1.974	1.909	1.982	1.966	1.929	1.920	2.54
15)	T	2-Methylphenol	1.167	1.020	1.044	1.117	1.143	1.233	1.207	1.281	1.311	1.305	1.183	8.73
16)	T	Hexachloroethane	0.575	0.549	0.547	0.554	0.565	0.594	0.581	0.609	0.623	0.636	0.583	5.37
17)	T	n-Nitrosodi-n-propylamine	0.847	0.856	0.830	0.897	0.924	0.993	0.991	1.045	1.070	1.062	0.951	9.70
18)	T	3-Methylphenol/4-Methylphenol	1.165	1.116	1.132	1.200	1.244	1.309	1.306	1.376	1.434	1.432	1.271	9.32
19)	S	Nitrobenzene-d5	1.228	1.246	1.237	1.307	1.352	1.450	1.424	1.488	1.514	1.484	1.373	8.20
20)	T	Nitrobenzene	1.256	1.233	1.261	1.307	1.349	1.445	1.414	1.479	1.500	1.476	1.372	7.52
21)	T	Isophorone	2.194	2.190	2.240	2.402	2.467	2.656	2.630	2.731	2.786	2.714	2.501	9.33
22)	T	2-Nitrophenol	0.536	0.567	0.555	0.618	0.663	0.752	0.743	0.785	0.805	0.808	0.683	15.82
23)	T	2,4-Dimethylphenol	1.163	1.102	1.145	1.253	1.278	1.381	1.365	1.470	1.506	1.510	1.317	11.53
24)	T	bis(2-Chloroethoxy)methane	1.534	1.445	1.480	1.547	1.560	1.631	1.589	1.676	1.703	1.717	1.588	5.82
25)	T	2,4-Dichlorophenol	1.094	1.071	1.120	1.195	1.259	1.325	1.321	1.416	1.469	1.498	1.277	12.16
26)	T	1,2,4-Trichlorobenzene	1.663	1.440	1.393	1.429	1.424	1.513	1.459	1.567	1.588	1.638	1.512	6.40
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde			0.794	0.795	0.799	0.789	0.783	0.828	0.843	0.845	*L	0.9994
29)	T	Acetophenone	1.671	1.686	1.623	1.613	1.664	1.608	1.679	1.790	1.807	1.811	1.695	4.67
30)	T	m-Toluidine				1.322	1.401	1.377	1.462	1.564	1.597	1.625	1.478	8.00
31)	T	2-Chloroaniline	1.441	1.482	1.482	1.496	1.575	1.515	1.588	1.694	1.709	1.747	1.573	6.93
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)	T	1,4-Dioxane	0.481	0.463	0.434	0.448	0.422	0.459	0.428	0.437	0.425	0.436	0.443	4.30
34)	T	n-Decane	1.341	1.226	1.254	1.239	1.196	1.291	1.245	1.289	1.323	1.350	1.275	4.05
35)	I	IS1_Naphthalene-d8	----------ISTD----------											
36)	T	Naphthalene	1.127	1.045	1.017	1.058	1.046	1.081	1.036	1.100	1.102	1.139	1.075	3.81

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: GCMS5**	**Ical Ref**	**: ICAL22516**
Calibration dates	**: 07/31/25 22:15 08/01/25 11:59**		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =ABNL7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
37)	T	Benzoic Acid					0.170	0.248	0.263	0.285	0.297	0.296	0.260	18.52
38)	T	4-Chloroaniline	0.133	0.117	0.119	0.128	0.133	0.138	0.136	0.142	0.145	0.150	0.134	7.99
39)	T	Hexachlorobutadiene	0.229	0.218	0.214	0.224	0.223	0.231	0.222	0.239	0.239	0.250	0.229	4.79
40)	T	p-Chloro-m-cresol	0.263	0.251	0.255	0.275	0.284	0.307	0.305	0.320	0.333	0.338	0.293	10.93
41)	T	2-Methylnaphthalene	0.658	0.622	0.611	0.642	0.638	0.677	0.662	0.704	0.724	0.754	0.669	6.83
42)	T	1-Methylnaphthalene	0.242	0.222	0.216	0.237	0.233	0.245	0.243	0.260	0.271	0.280	0.245	8.29
43)	T	Hexachlorocyclopentadiene	0.243	0.225	0.233	0.250	0.260	0.285	0.287	0.321	0.339	0.356	0.280	16.38
44)	T	2,4,6-Trichlorophenol	0.254	0.225	0.219	0.246	0.252	0.279	0.287	0.296	0.312	0.312	0.268	12.60
45)	T	2,4,5-Trichlorophenol	0.255	0.264	0.265	0.275	0.282	0.307	0.294	0.318	0.343	0.343	0.295	10.97
46)	S	2-Fluorobiphenyl	0.901	0.848	0.853	0.867	0.878	0.927	0.900	0.970	1.004	1.006	0.915	6.50
47)	T	2-Chloronaphthalene	0.760	0.721	0.714	0.742	0.732	0.785	0.761	0.802	0.839	0.854	0.771	6.26
48)	T	2-Nitroaniline		0.169	0.168	0.196	0.217	0.248	0.249	0.260	0.275	0.271	0.228	18.42
49)	T	1,4-Dinitrobenzene			0.075	0.092	0.102	0.117	0.119	0.124	0.133	0.130	0.112	18.16
50)	T	1,3-Dinitrobenzene			0.095	0.106	0.126	0.140	0.144	0.155	0.166	0.166	0.137	19.24
51)	T	Dimethyl phthalate	0.893	0.870	0.828	0.865	0.898	0.944	0.932	1.005	1.056	1.060	0.935	8.67
52)	T	Acenaphthylene	1.214	1.164	1.134	1.204	1.233	1.325	1.329	1.428	1.492	1.472	1.300	9.99
53)	T	2,6-Dinitrotoluene	0.147	0.152	0.150	0.168	0.185	0.198	0.199	0.206	0.218	0.215	0.184	14.98
54)	T	1,2-Dinitrobenzene		0.061	0.067	0.077	0.080	0.090	0.090	0.100	0.106	0.104	0.086	18.69
55)	I	IS2_Naphthalene-d8	----------ISTD----------											
56)	T	a-Terpineol	0.255	0.241	0.240	0.240	0.250	0.250	0.267	0.288	0.297	0.304	0.263	9.37
57)	T	3-Chloroaniline	0.120	0.126	0.127	0.128	0.130	0.123	0.131	0.139	0.139	0.145	0.131	6.08
58)	T	2,6-Dichlorophenol	0.266	0.262	0.269	0.279	0.287	0.283	0.301	0.328	0.328	0.347	0.295	10.08
59)	T	1-chloro-2-nitrobenzene	0.115	0.115	0.112	0.117	0.122	0.125	0.131	0.141	0.141	0.145	0.126	9.76
60)	T	Caprolactam			0.117	0.115	0.136	0.138	0.153	0.166	0.161	0.170	0.144	14.85
61)	T	1,2,4,5-Tetrachlorobenzene	0.411	0.380	0.388	0.377	0.388	0.356	0.372	0.398	0.406	0.422	0.390	5.07
62)	T	Biphenyl	0.890	0.852	0.870	0.854	0.872	0.821	0.862	0.924	0.936	0.977	0.886	5.27
63)	I	IS1_Acenaphthene-d10	----------ISTD----------											
64)	T	3-Nitroaniline	0.277	0.274	0.294	0.314	0.339	0.356	0.360	0.370	0.380	0.384	0.335	12.60
65)	T	Acenaphthene	1.147	1.094	1.071	1.100	1.106	1.155	1.145	1.223	1.252	1.296	1.159	6.43
66)	T	2,4-Dinitrophenol				0.122	0.166	0.205	0.217	0.238	0.249	0.250	*L	0.9988
67)	T	Dibenzofuran	1.930	1.792	1.749	1.775	1.788	1.860	1.887	2.024	2.063	2.064	1.893	6.44
68)	T	2,4-Dinitrotoluene		0.327	0.346	0.390	0.426	0.472	0.488	0.543	0.576	0.575	*L	0.9969
69)	T	4-Nitrophenol	0.228	0.208	0.224	0.252	0.262	0.284	0.288	0.287	0.292	0.295	0.262	12.36
70)	T	2,3,5,6-Tetrachlorophenol	0.350	0.356	0.360	0.383	0.409	0.438	0.445	0.484	0.502	0.513	0.424	14.57
71)	T	2,3,4,6-Tetrachlorophenol	0.384	0.370	0.365	0.383	0.405	0.428	0.426	0.463	0.481	0.489	0.419	10.87
72)	T	Diethyl phthalate	1.409	1.384	1.336	1.405	1.423	1.505	1.482	1.509	1.582	1.602	1.464	5.95

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: GCMS5**	**Ical Ref**	**: ICAL22516**
Calibration dates	**: 07/31/25 22:15 08/01/25 11:59**		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =ABNL7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
73)	T	Fluorene	1.446	1.383	1.359	1.399	1.448	1.540	1.560	1.693	1.764	1.788	1.538	10.39
74)	T	4-Chlorophenyl-phenylether	0.701	0.677	0.673	0.699	0.700	0.739	0.739	0.803	0.831	0.848	0.741	8.67
75)	T	4-Nitroaniline	0.289	0.295	0.310	0.335	0.361	0.392	0.399	0.401	0.393	0.387	0.356	12.68
76)	T	4,6-Dinitro-o-cresol				0.196	0.233	0.286	0.296	0.316	0.332	0.329	0.284	18.10
77)	T	NDPA/DPA	1.169	1.172	1.123	1.210	1.222	1.320	1.313	1.383	1.433	1.463	1.281	9.28
78)	T	Azobenzene	1.269	1.176	1.189	1.272	1.307	1.386	1.362	1.385	1.411	1.434	1.319	6.90
79)	S	2,4,6-Tribromophenol	0.216	0.203	0.226	0.231	0.238	0.250	0.252	0.281	0.290	0.311	0.250	13.87
80)	T	4-Bromophenyl-phenylether	0.479	0.433	0.419	0.440	0.450	0.463	0.463	0.517	0.532	0.555	0.475	9.52
81)	T	Hexachlorobenzene	0.562	0.560	0.522	0.543	0.520	0.545	0.542	0.586	0.609	0.639	0.563	6.80
82)	T	Pentachlorophenol			0.263	0.287	0.326	0.373	0.385	0.418	0.447	0.458	*L	0.9970
83)	I	IS2_Acenaphthene-d10	----------ISTD----------											
84)	T	Dichloran				0.117	0.146	0.162	0.193	0.219	0.226	0.244	*L	0.9946
85)	T	Pentachloronitrobenzene				0.133	0.163	0.169	0.190	0.209	0.213	0.232	0.187	18.39
86)	I	IS3_Acenaphthene-d10	----------ISTD----------											
87)	T	Atrazine			0.304	0.323	0.365	0.443	0.435	0.484	0.484	0.501	*L	0.9985
88)	I	IS1_Phenanthrene-d10	----------ISTD----------											
89)	T	Phenanthrene	1.228	1.133	1.110	1.129	1.134	1.193	1.171	1.251	1.254	1.258	1.186	4.92
90)	T	Anthracene	1.156	1.088	1.075	1.089	1.127	1.204	1.202	1.295	1.306	1.308	1.185	7.83
91)	T	Carbazole	1.049	1.030	0.992	1.057	1.090	1.149	1.134	1.219	1.234	1.252	1.121	8.19
92)	T	Di-n-butylphthalate	0.997	0.998	0.985	1.095	1.158	1.301	1.280	1.397	1.391	1.383	1.199	14.34
93)	T	Fluoranthene	1.313	1.226	1.221	1.303	1.324	1.428	1.450	1.562	1.576	1.527	1.393	9.60
94)	T	Benzidine				0.698	0.784	0.908	0.942	1.053	1.086	1.102	0.939	16.48
95)	T	Pyrene	1.440	1.370	1.323	1.411	1.430	1.547	1.570	1.676	1.677	1.632	1.508	8.60
96)	S	4-Terphenyl-d14	1.079	1.048	1.017	1.055	1.055	1.162	1.180	1.287	1.301	1.302	1.149	9.93
97)	T	Butyl benzyl phthalate				0.460	0.516	0.609	0.622	0.693	0.714	0.728	0.620	16.43
98)	I	IS2_Phenanthrene-d10	----------ISTD----------											
99)	T	Diphenamid	0.406	0.400	0.412	0.416	0.466	0.460	0.505	0.559	0.586	0.606	0.482	16.23
100)	I	IS3_Phenanthrene-d10	----------ISTD----------											
101)	T	n-Octadecane		0.296	0.302	0.324	0.351	0.401	0.394	0.417	0.435	0.451	0.375	15.46
102)	T	Parathion				0.056	0.069	0.104	0.118	0.145	0.154	0.161	*Q	0.9990
103)	T	3,3'-Dimethylbenzidine					0.688	0.924	0.964	1.077	1.135	1.118	0.984	17.09
104)	I	IS1_Chrysene-d12	----------ISTD----------											
105)	T	Benzo[a]anthracene	1.413	1.292	1.300	1.324	1.348	1.430	1.372	1.409	1.319	1.292	1.350	3.92
106)	T	3,3'-Dichlorobenzidine	0.352	0.381	0.400	0.447	0.481	0.525	0.529	0.576	0.565	0.565	0.482	17.18
107)	T	Chrysene	1.365	1.250	1.227	1.220	1.237	1.258	1.217	1.253	1.205	1.169	1.240	4.12
108)	T	bis(2-Ethylhexyl)phthalate		0.484	0.554	0.620	0.681	0.769	0.723	0.785	0.772	0.784	0.686	16.11

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: GCMS5**	**Ical Ref**	**: ICAL22516**
Calibration dates	**: 07/31/25 22:15 08/01/25 11:59**		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =ABNL7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
109)	T	Di-n-octylphthalate			0.785	0.909	1.077	1.271	1.223	1.323	1.268	1.250	1.138	17.24
110)	T	Benzo(b)fluoranthene	1.197	1.172	1.187	1.316	1.329	1.396	1.284	1.422	1.417	1.350	1.307	7.25
111)	T	Benzo(k)fluoranthene	1.326	1.249	1.303	1.242	1.300	1.361	1.351	1.358	1.285	1.345	1.312	3.33
112)	T	Benzo(a)pyrene	1.159	1.132	1.156	1.198	1.251	1.337	1.250	1.314	1.285	1.293	1.237	5.84
113)	I	IS1_Perylene-d12	----------ISTD----------											
114)	T	Indeno(1,2,3-cd)pyrene	0.923	1.008	0.932	0.990	1.087	1.211	1.280	1.391	1.337	1.401	1.156	16.43
115)	T	Dibenzo[a,h]anthracene	1.032	1.015	1.036	1.060	1.087	1.195	1.233	1.371	1.346	1.387	1.176	12.76
116)	T	Benzo(g,h,i)perylene	1.045	1.044	1.043	1.063	1.085	1.168	1.182	1.222	1.161	1.204	1.122	6.45

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: SV134**	**Ical Ref**	**: ICAL22604**
Calibration dates	**: 08/29/25 07:32 09/03/25 07:03**		

Calibration Files
1.0 =AP9L1a.D 2.0 =AP9L2a.D 3.0 =ABNL3.D 5.0 =AP9L4a.D 10 =AP9L5a.D 25 =AP9L6a.D 50 =AP9L7a
100 =AP9L8a.D 150 =AP9L9a.D 200 =AP9L10a.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	N-Nitrosodimethylamine	0.751	0.746	0.701	0.730	0.753	0.853	0.776	0.766	0.754	0.792	0.762	5.30
3)	t	Pyridine	0.744	0.814	0.849	0.918	1.027	1.161	1.102	1.102	1.087	1.196	1.000	15.74
4)	S	2-Fluorophenol	1.003	1.048	1.030	1.077	1.098	1.260	1.147	1.154	1.142	1.177	1.113	6.96
5)	T	Aniline	1.913	1.919	1.877	1.865	1.949	2.221	1.981	1.936	1.885	1.976	1.952	5.25
6)	t	2-Chlorophenol	1.204	1.262	1.248	1.231	1.313	1.483	1.350	1.326	1.290	1.299	1.301	6.01
7)	S	Phenol-d6	1.290	1.297	1.307	1.331	1.398	1.585	1.452	1.405	1.365	1.410	1.384	6.46
8)	T	Phenol	1.536	1.610	1.575	1.633	1.657	1.923	1.722	1.690	1.646	1.714	1.671	6.36
9)	T	bis(2-Chloroethyl)ether	1.277	1.163	1.165	1.191	1.201	1.368	1.237	1.203	1.171	1.224	1.220	5.17
10)	T	1,3-Dichlorobenzene	1.574	1.517	1.509	1.500	1.540	1.723	1.553	1.509	1.480	1.539	1.544	4.44
11)	T	1,4-Dichlorobenzene	1.720	1.572	1.587	1.564	1.551	1.749	1.586	1.539	1.511	1.567	1.595	4.86
12)	T	1,2-Dichlorobenzene	1.608	1.497	1.456	1.499	1.501	1.683	1.521	1.462	1.427	1.459	1.511	5.16
13)	t	Benzyl alcohol	0.862	0.901	0.878	0.929	1.015	1.189	1.080	1.059	1.038	1.057	1.001	10.51
14)	T	bis(2-chloroisopropyl)ether	2.079	2.180	2.077	2.087	2.152	2.395	2.146	2.060	1.989	2.005	2.117	5.45
15)	T	2-Methylphenol	1.077	1.142	1.111	1.123	1.194	1.338	1.197	1.165	1.129	1.158	1.164	6.14
16)	T	Hexachloroethane	0.518	0.567	0.519	0.530	0.538	0.617	0.556	0.551	0.530	0.538	0.546	5.35
17)	T	n-Nitrosodi-n-propylamine	0.875	0.884	0.867	0.873	0.936	1.068	0.948	0.920	0.902	0.928	0.920	6.46
18)	T	3-Methylphenol/4-Methylphenol	1.136	1.153	1.134	1.158	1.243	1.425	1.271	1.240	1.210	1.221	1.219	7.14
19)	S	Nitrobenzene-d5	0.992	0.983	0.972	1.037	1.119	1.352	1.243	1.225	1.180	1.118	1.122	11.42
20)	T	Nitrobenzene	0.977	1.027	0.990	1.080	1.207	1.419	1.307	1.276	1.242	1.211	1.174	12.66
21)	T	Isophorone	2.506	2.540	2.357	2.455	2.618	2.938	2.606	2.505	2.414	2.492	2.543	6.28
22)	T	2-Nitrophenol			0.365	0.416	0.446	0.575	0.538	0.552	0.528	0.468	0.486	15.21
23)	T	2,4-Dimethylphenol	1.235	1.253	1.149	1.223	1.301	1.495	1.347	1.307	1.280	1.295	1.289	7.07
24)	T	bis(2-Chloroethoxy)methane	1.562	1.580	1.481	1.586	1.642	1.867	1.649	1.575	1.525	1.555	1.602	6.58
25)	T	2,4-Dichlorophenol	0.960	0.998	0.952	1.075	1.170	1.355	1.220	1.188	1.146	1.144	1.121	11.30
26)	T	1,2,4-Trichlorobenzene	1.417	1.374	1.294	1.330	1.360	1.526	1.354	1.303	1.274	1.295	1.353	5.53
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde	0.565	0.665	0.651	0.666	0.656	0.674	0.674	0.697	0.692	0.678	0.662	5.57
29)	T	Acetophenone	1.917	1.851	1.910	1.952	1.921	2.040	2.024	2.049	2.055	1.989	1.971	3.58
30)	T	m-Toluidine	0.933	1.096	1.291	1.339	1.355	1.432	1.410	1.483	1.499	1.474	1.331	13.79
31)	T	2-Chloroaniline	1.692	1.759	1.757	1.761	1.718	1.818	1.793	1.808	1.803	1.743	1.765	2.31
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)	T	1,4-Dioxane	0.384	0.514	0.498	0.484	0.485	0.571	0.518	0.484	0.462	0.464	0.487	9.84
34)	T	n-Decane	1.382	1.785	1.767	1.773	1.767	2.059	1.910	1.766	1.677	1.651	1.754	9.96
35)	I	IS1_Naphthalene-d8	----------ISTD----------											
36)	T	Naphthalene	1.131	1.082	1.077	1.072	1.077	1.207	1.075	1.039	1.002	1.020	1.078	5.36

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: SV134**	**Ical Ref**	**: ICAL22604**
Calibration dates	**: 08/29/25 07:32 09/03/25 07:03**		

Calibration Files
1.0 =AP9L1a.D 2.0 =AP9L2a.D 3.0 =ABNL3.D 5.0 =AP9L4a.D 10 =AP9L5a.D 25 =AP9L6a.D 50 =AP9L7a
100 =AP9L8a.D 150 =AP9L9a.D 200 =AP9L10a.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
37)	T	Benzoic Acid		0.030	0.051	0.094	0.116	0.186	0.192	0.215	0.211	0.198	*L	0.9973
38)	T	4-Chloroaniline	0.130	0.134	0.130	0.135	0.140	0.159	0.144	0.140	0.137	0.141	0.139	6.21
39)	T	Hexachlorobutadiene	0.224	0.212	0.210	0.218	0.214	0.241	0.218	0.216	0.213	0.219	0.219	4.08
40)	T	p-Chloro-m-cresol	0.259	0.264	0.256	0.277	0.296	0.352	0.318	0.312	0.307	0.311	0.295	10.45
41)	T	2-Methylnaphthalene	0.675	0.646	0.625	0.662	0.675	0.755	0.678	0.654	0.632	0.646	0.665	5.50
42)	T	1-Methylnaphthalene	0.253	0.230	0.219	0.233	0.228	0.261	0.237	0.229	0.226	0.231	0.235	5.49
43)	T	Hexachlorocyclopentadiene	0.145	0.148	0.150	0.165	0.184	0.225	0.212	0.221	0.222	0.219	0.189	18.14
44)	T	2,4,6-Trichlorophenol	0.189	0.190	0.176	0.206	0.226	0.273	0.246	0.238	0.239	0.235	0.222	13.84
45)	T	2,4,5-Trichlorophenol	0.215	0.224	0.207	0.238	0.262	0.298	0.275	0.266	0.261	0.260	0.251	11.38
46)	S	2-Fluorobiphenyl	0.873	0.850	0.816	0.852	0.869	0.969	0.857	0.811	0.787	0.792	0.848	6.25
47)	T	2-Chloronaphthalene	0.719	0.728	0.692	0.726	0.736	0.837	0.737	0.696	0.679	0.692	0.724	6.17
48)	T	2-Nitroaniline			0.123	0.145	0.162	0.218	0.203	0.206	0.205	0.196	0.182	19.01
49)	T	1,4-Dinitrobenzene				0.056	0.068	0.096	0.090	0.093	0.094	0.090	0.084	18.26
50)	T	1,3-Dinitrobenzene				0.069	0.081	0.112	0.106	0.106	0.106	0.101	0.097	16.30
51)	T	Dimethyl phthalate	0.889	0.870	0.795	0.845	0.889	1.000	0.891	0.829	0.813	0.813	0.863	6.93
52)	T	Acenaphthylene	1.198	1.191	1.123	1.196	1.232	1.388	1.233	1.150	1.116	1.118	1.195	6.79
53)	T	2,6-Dinitrotoluene	0.086	0.104	0.105	0.126	0.143	0.185	0.168	0.167	0.166	0.163	*L	0.9984
54)	T	1,2-Dinitrobenzene		0.046	0.044	0.053	0.061	0.078	0.072	0.071	0.070	0.067	0.062	19.36
55)	I	IS2_Naphthalene-d8	----------ISTD----------											
56)	T	a-Terpineol	0.298	0.297	0.304	0.310	0.315	0.333	0.337	0.345	0.339	0.313	0.319	5.59
57)	T	3-Chloroaniline	0.134	0.141	0.142	0.148	0.146	0.145	0.144	0.142	0.141	0.135	0.142	3.14
58)	T	2,6-Dichlorophenol	0.187	0.214	0.226	0.233	0.240	0.262	0.275	0.282	0.283	0.261	0.246	12.91
59)	T	1-chloro-2-nitrobenzene	0.082	0.087	0.092	0.099	0.101	0.112	0.119	0.127	0.131	0.128	0.108	16.86
60)	T	Caprolactam		0.131	0.142	0.151	0.154	0.175	0.184	0.196	0.201	0.193	0.170	15.10
61)	T	1,2,4,5-Tetrachlorobenzene	0.396	0.415	0.399	0.404	0.398	0.401	0.394	0.394	0.394	0.374	0.397	2.62
62)	T	Biphenyl	0.999	0.963	0.991	0.979	0.969	0.969	0.953	0.934	0.910	0.841	0.951	4.92
63)	I	IS1_Acenaphthene-d10	----------ISTD----------											
64)	T	3-Nitroaniline		0.213	0.226	0.259	0.295	0.370	0.349	0.344	0.336	0.344	0.304	19.07
65)	T	Acenaphthene	1.257	1.172	1.177	1.168	1.181	1.323	1.197	1.141	1.111	1.169	1.190	5.04
66)	T	2,4-Dinitrophenol			0.041	0.055	0.079	0.115	0.117	0.125	0.122	0.116	*L	0.9982
67)	T	Dibenzofuran	1.961	1.879	1.864	1.876	1.894	2.111	1.884	1.786	1.728	1.784	1.877	5.65
68)	T	2,4-Dinitrotoluene		0.230	0.230	0.288	0.331	0.429	0.403	0.400	0.402	0.412	*L	0.9991
69)	T	4-Nitrophenol				0.194	0.218	0.293	0.280	0.276	0.276	0.283	0.260	14.62
70)	T	2,3,5,6-Tetrachlorophenol	0.250	0.252	0.258	0.279	0.313	0.392	0.373	0.377	0.372	0.382	0.325	18.61
71)	T	2,3,4,6-Tetrachlorophenol	0.294	0.292	0.292	0.309	0.339	0.409	0.387	0.374	0.374	0.390	0.346	13.33
72)	T	Diethyl phthalate	1.452	1.448	1.404	1.497	1.562	1.758	1.584	1.487	1.472	1.523	1.519	6.58

Initial Calibration Summary
Form 6
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Instrument ID	: SV134	**Ical Ref**	: ICAL22604
Calibration dates	: 08/29/25 07:32 09/03/25 07:03		

Calibration Files
1.0 =AP9L1a.D 2.0 =AP9L2a.D 3.0 =ABNL3.D 5.0 =AP9L4a.D 10 =AP9L5a.D 25 =AP9L6a.D 50 =AP9L7a
100 =AP9L8a.D 150 =AP9L9a.D 200 =AP9L10a.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
73)	T	Fluorene	1.533	1.479	1.455	1.511	1.516	1.728	1.549	1.451	1.420	1.472	1.511	5.68
74)	T	4-Chlorophenyl-phenylether	0.807	0.741	0.723	0.739	0.743	0.830	0.737	0.710	0.701	0.730	0.746	5.47
75)	T	4-Nitroaniline		0.230	0.226	0.273	0.303	0.376	0.352	0.345	0.348	0.356	0.312	18.18
76)	T	4,6-Dinitro-o-cresol		0.080	0.082	0.110	0.132	0.183	0.184	0.194	0.190	0.187	*L	0.9989
77)	T	NDPA/DPA	1.349	1.312	1.228	1.314	1.333	1.488	1.334	1.252	1.225	1.265	1.310	5.90
78)	T	Azobenzene	1.392	1.428	1.300	1.407	1.414	1.589	1.446	1.360	1.333	1.387	1.406	5.56
79)	S	2,4,6-Tribromophenol	0.137	0.157	0.154	0.173	0.187	0.227	0.208	0.205	0.208	0.217	0.187	16.32
80)	T	4-Bromophenyl-phenylether	0.454	0.432	0.417	0.442	0.453	0.507	0.454	0.438	0.439	0.462	0.450	5.36
81)	T	Hexachlorobenzene	0.538	0.511	0.470	0.507	0.503	0.562	0.509	0.488	0.491	0.521	0.510	5.11
82)	T	Pentachlorophenol			0.146	0.177	0.211	0.292	0.299	0.309	0.316	0.329	*L	0.9988
83)	I	IS2_Acenaphthene-d10	----------ISTD----------											
84)	T	Dichloran				0.096	0.108	0.131	0.146	0.161	0.176	0.176	*L	0.9962
85)	T	Pentachloronitrobenzene				0.108	0.114	0.134	0.144	0.159	0.168	0.166	0.142	17.16
86)	I	IS3_Acenaphthene-d10	----------ISTD----------											
87)	T	Atrazine	0.279	0.378	0.407	0.413	0.421	0.508	0.461	0.497	0.499	0.480	0.434	16.28
88)	I	IS1_Phenanthrene-d10	----------ISTD----------											
89)	T	Phenanthrene	1.290	1.203	1.157	1.172	1.171	1.297	1.154	1.099	1.060	1.081	1.168	6.82
90)	T	Anthracene	1.200	1.145	1.115	1.159	1.181	1.336	1.190	1.129	1.099	1.103	1.166	5.99
91)	T	Carbazole	1.120	1.086	1.068	1.106	1.119	1.262	1.120	1.060	1.041	1.057	1.104	5.69
92)	T	Di-n-butylphthalate	1.029	1.035	1.039	1.148	1.239	1.463	1.329	1.246	1.220	1.220	1.197	11.67
93)	T	Fluoranthene	1.337	1.325	1.282	1.331	1.338	1.531	1.389	1.307	1.278	1.294	1.341	5.54
94)	T	Benzidine	0.572	0.629	0.645	0.750	0.764	0.913	0.855	0.837	0.832	0.861	0.766	15.03
95)	T	Pyrene	1.413	1.370	1.344	1.428	1.415	1.599	1.439	1.355	1.331	1.345	1.404	5.61
96)	S	4-Terphenyl-d14	1.021	0.948	0.957	1.005	0.997	1.136	1.034	0.980	0.966	0.987	1.003	5.39
97)	T	Butyl benzyl phthalate			0.365	0.426	0.463	0.605	0.590	0.584	0.586	0.595	0.527	17.86
98)	I	IS2_Phenanthrene-d10	----------ISTD----------											
99)	T	Diphenamid	0.404	0.435	0.448	0.490	0.507	0.553	0.561	0.565	0.562	0.531	0.506	11.69
100)	I	IS3_Phenanthrene-d10	----------ISTD----------											
101)	T	n-Octadecane	0.372	0.509	0.517	0.532	0.551	0.676	0.630	0.581	0.551	0.524	0.544	14.79
102)	T	Parathion				0.065	0.075	0.101	0.107	0.120	0.125	0.125	*L	0.9983
103)	T	3,3'-Dimethylbenzidine				0.682	0.715	1.032	0.956	0.936	0.943	0.925	0.884	14.91
104)	I	IS1_Chrysene-d12	----------ISTD----------											
105)	T	Benzo[a]anthracene	1.430	1.343	1.325	1.323	1.341	1.538	1.397	1.329	1.320	1.349	1.369	5.06
106)	T	3,3'-Dichlorobenzidine	0.400	0.400	0.432	0.443	0.469	0.552	0.512	0.502	0.494	0.508	0.471	10.86
107)	T	Chrysene	1.391	1.337	1.299	1.292	1.328	1.464	1.298	1.245	1.228	1.259	1.314	5.41
108)	T	bis(2-Ethylhexyl)phthalate		0.554	0.577	0.658	0.753	0.933	0.857	0.824	0.827	0.843	0.758	17.55

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: SV134**	**Ical Ref**	**: ICAL22604**
Calibration dates	**: 08/29/25 07:32 09/03/25 07:03**		

Calibration Files

1.0 =AP9L1a.D 2.0 =AP9L2a.D 3.0 =ABNL3.D 5.0 =AP9L4a.D 10 =AP9L5a.D 25 =AP9L6a.D 50 =AP9L7a

100 =AP9L8a.D 150 =AP9L9a.D 200 =AP9L10a.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
109)	T	Di-n-octylphthalate				1.003	1.183	1.560	1.478	1.450	1.457	1.484	1.374	14.68
110)	T	Benzo(b)fluoranthene	1.185	1.163	1.205	1.215	1.241	1.429	1.312	1.338	1.331	1.442	1.286	7.75
111)	T	Benzo(k)fluoranthene	1.271	1.200	1.278	1.268	1.302	1.491	1.317	1.294	1.238	1.261	1.292	5.99
112)	T	Benzo(a)pyrene	1.072	1.085	1.163	1.154	1.174	1.358	1.267	1.258	1.217	1.293	1.204	7.59
113)	I	IS1_Perylene-d12	----------ISTD----------											
114)	T	Indeno(1,2,3-cd)pyrene	0.910	0.929	0.979	1.005	1.049	1.265	1.160	1.152	1.157	1.238	1.084	11.71
115)	T	Dibenzo[a,h]anthracene	0.976	0.945	1.004	1.020	1.046	1.254	1.143	1.139	1.157	1.216	1.090	9.71
116)	T	Benzo(g,h,i)perylene	1.057	1.022	1.071	1.077	1.115	1.300	1.180	1.164	1.142	1.188	1.132	7.20

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: SV103**	**Ical Ref**	**: ICAL22827**
Calibration dates	**: 11/17/25 01:56 11/18/25 22:59**		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	N-Nitrosodimethylamine	0.738	0.696	0.738	0.726	0.740	0.749	0.780	0.818	0.823	0.803	0.761	5.60
3)	t	Pyridine	1.208	1.240	1.271	1.276	1.275	1.270	1.331	1.387	1.396	1.376	1.303	5.02
4)	S	2-Fluorophenol	1.114	1.064	1.107	1.093	1.134	1.152	1.187	1.237	1.247		1.148	5.54
5)	T	Aniline	1.934	1.905	1.934	1.923	1.897	1.935	1.989	2.094	2.082	2.016	1.971	3.63
6)	t	2-Chlorophenol	1.241	1.237	1.230	1.244	1.263	1.286	1.304	1.364	1.346	1.282	1.280	3.64
7)	S	Phenol-d6	1.370	1.319	1.358	1.332	1.372	1.408	1.449	1.526	1.510	1.458	1.410	5.14
8)	T	Phenol	1.617	1.588	1.610	1.620	1.618	1.670	1.715	1.800	1.774	1.720	1.673	4.48
9)	T	bis(2-Chloroethyl)ether	1.272	1.204	1.208	1.194	1.180	1.191	1.207	1.261	1.245		1.218	2.71
10)	T	1,3-Dichlorobenzene	1.679	1.609	1.590	1.559	1.539	1.535	1.551	1.573	1.533	1.494	1.566	3.27
11)	T	1,4-Dichlorobenzene	1.681	1.603	1.592	1.572	1.552	1.537	1.563	1.579	1.528	1.472	1.568	3.48
12)	T	1,2-Dichlorobenzene	1.592	1.523	1.531	1.487	1.480	1.459	1.475	1.494	1.451	1.401	1.489	3.46
13)	t	Benzyl alcohol	0.930	0.928	0.923	0.938	0.965	1.009	1.042	1.090	1.066		0.988	6.61
14)	T	bis(2-chloroisopropyl)ether	1.809	1.757	1.715	1.700	1.660	1.667	1.682	1.734	1.680	1.592	1.699	3.49
15)	T	2-Methylphenol	1.087	1.099	1.093	1.095	1.108	1.138	1.142	1.191	1.158	1.098	1.121	3.08
16)	T	Hexachloroethane	0.601	0.555	0.556	0.542	0.548	0.554	0.554	0.568	0.547	0.526	0.555	3.49
17)	T	n-Nitrosodi-n-propylamine	0.839	0.859	0.854	0.851	0.839	0.877	0.903	0.945	0.919	0.871	0.876	4.08
18)	T	3-Methylphenol/4-Methylphenol	1.169	1.156	1.160	1.159	1.175	1.207	1.225	1.264	1.235	1.163	1.191	3.24
19)	S	Nitrobenzene-d5	1.113	1.091	1.112	1.124	1.148	1.215	1.239	1.295	1.267	1.173	1.178	6.13
20)	T	Nitrobenzene	1.164	1.165	1.153	1.186	1.223	1.281	1.307	1.342	1.304	1.224	1.235	5.58
21)	T	Isophorone	2.366	2.284	2.290	2.306	2.323	2.421	2.443	2.552	2.477	2.354	2.381	3.75
22)	T	2-Nitrophenol			0.447	0.460	0.503	0.565	0.609	0.661	0.654	0.588	0.561	14.78
23)	T	2,4-Dimethylphenol	1.190	1.188	1.241	1.224	1.237	1.281	1.307	1.356	1.322	1.245	1.259	4.44
24)	T	bis(2-Chloroethoxy)methane	1.621	1.556	1.541	1.567	1.512	1.554	1.562	1.615	1.574	1.478	1.558	2.73
25)	T	2,4-Dichlorophenol	1.065	1.069	1.089	1.128	1.139	1.187	1.201	1.236	1.198	1.127	1.144	5.21
26)	T	1,2,4-Trichlorobenzene	1.480	1.405	1.377	1.373	1.339	1.324	1.330	1.357	1.298	1.235	1.352	4.82
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde	0.928	0.967	0.971	1.010	1.039	1.046	1.062	1.077	1.074	1.088	1.026	5.34
29)	T	Acetophenone	1.579	1.675	1.663	1.750	1.792	1.827	1.848	1.853	1.833	1.828	1.765	5.39
30)	T	m-Toluidine	1.534	1.610	1.660	1.732	1.760	1.809	1.828	1.834	1.794	1.777	1.734	5.81
31)	T	2-Chloroaniline	1.431	1.477	1.485	1.562	1.598	1.623	1.636	1.643	1.611	1.610	1.568	4.84
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)	T	1,4-Dioxane	0.433	0.522	0.496	0.488	0.472	0.490	0.460	0.458	0.458	0.457	0.473	5.41
34)	T	n-Decane	1.402	1.413	1.371	1.400	1.338	1.442	1.358	1.353	1.330	1.315	1.372	2.97
35)	I	IS1_Naphthalene-d8	----------ISTD----------											
36)	T	Naphthalene	1.140	1.083	1.078	1.073	1.034	1.028	1.015	1.022	0.987	0.950	1.041	5.22

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: SV103**	**Ical Ref**	**: ICAL22827**
Calibration dates	**: 11/17/25 01:56 11/18/25 22:59**		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
37)	T	Benzoic Acid					0.171	0.208	0.234	0.264	0.270	0.251	0.233	16.23
38)	T	4-Chloroaniline	0.129	0.125	0.125	0.128	0.125	0.129	0.130	0.133	0.131	0.127	0.128	2.22
39)	T	Hexachlorobutadiene	0.241	0.236	0.233	0.230	0.221	0.225	0.219	0.224	0.220	0.213	0.226	3.82
40)	T	p-Chloro-m-cresol	0.251	0.254	0.268	0.272	0.278	0.296	0.305	0.321	0.319	0.308	0.287	9.04
41)	T	2-Methylnaphthalene	0.679	0.662	0.652	0.666	0.638	0.649	0.649	0.657	0.647	0.622	0.652	2.39
42)	T	1-Methylnaphthalene	0.242	0.236	0.230	0.233	0.222	0.226	0.229	0.235	0.230	0.223	0.231	2.56
43)	T	Hexachlorocyclopentadiene		0.183	0.188	0.203	0.214	0.234	0.244	0.264	0.261	0.250	0.227	13.59
44)	T	2,4,6-Trichlorophenol	0.188	0.194	0.192	0.207	0.216	0.233	0.238	0.251	0.246	0.234	0.220	10.73
45)	T	2,4,5-Trichlorophenol	0.206	0.215	0.218	0.238	0.234	0.254	0.261	0.269	0.266	0.256	0.242	9.37
46)	S	2-Fluorobiphenyl	0.932	0.872	0.852	0.870	0.822	0.829	0.822	0.818	0.780	0.747	0.834	6.17
47)	T	2-Chloronaphthalene	0.774	0.737	0.714	0.731	0.704	0.710	0.703	0.715	0.689	0.658	0.714	4.28
48)	T	2-Nitroaniline			0.145	0.163	0.173	0.202	0.214	0.228	0.226	0.216	0.196	16.04
49)	T	1,4-Dinitrobenzene				0.070	0.075	0.090	0.099	0.108	0.108	0.103	0.093	16.53
50)	T	1,3-Dinitrobenzene				0.082	0.094	0.108	0.115	0.121	0.119	0.113	0.107	13.24
51)	T	Dimethyl phthalate	0.854	0.863	0.811	0.840	0.829	0.849	0.851	0.850	0.822	0.789	0.836	2.74
52)	T	Acenaphthylene	1.132	1.132	1.125	1.150	1.118	1.142	1.119	1.120	1.074	1.021	1.113	3.45
53)	T	2,6-Dinitrotoluene	0.112	0.121	0.121	0.138	0.150	0.168	0.173	0.179	0.174	0.169	0.150	17.08
54)	T	1,2-Dinitrobenzene	0.046	0.053	0.052	0.061	0.063	0.072	0.074	0.076	0.075	0.072	0.064	16.75
55)	I	IS2_Naphthalene-d8	----------ISTD----------											
56)	T	a-Terpineol	0.238	0.247	0.263	0.262	0.271	0.282	0.289	0.289	0.281	0.281	0.270	6.49
57)	T	3-Chloroaniline	0.127	0.126	0.142	0.142	0.144	0.144	0.145	0.144	0.138	0.139	0.139	4.98
58)	T	2,6-Dichlorophenol	0.219	0.233	0.249	0.254	0.269	0.285	0.292	0.295	0.288	0.290	0.267	10.11
59)	T	1-chloro-2-nitrobenzene	0.085	0.085	0.096	0.098	0.104	0.114	0.124	0.130	0.129	0.131	0.110	16.62
60)	T	Caprolactam	0.112	0.106	0.123	0.128	0.142	0.150	0.158	0.161	0.156	0.158	0.139	14.63
61)	T	1,2,4,5-Tetrachlorobenzene	0.371	0.375	0.394	0.384	0.390	0.383	0.380	0.377	0.359	0.358	0.377	3.15
62)	T	Biphenyl	0.837	0.854	0.891	0.889	0.886	0.878	0.872	0.849	0.804	0.791	0.855	4.16
63)	I	IS1_Acenaphthene-d10	----------ISTD----------											
64)	T	3-Nitroaniline		0.253	0.265	0.290	0.310	0.337	0.349	0.360	0.360	0.346	0.319	12.93
65)	T	Acenaphthene	1.226	1.175	1.161	1.140	1.102	1.102	1.091	1.094	1.070	1.030	1.119	5.08
66)	T	2,4-Dinitrophenol				0.078	0.095	0.121	0.136	0.157	0.160	0.151	*L	0.9975
67)	T	Dibenzofuran	2.013	1.896	1.901	1.913	1.812	1.812	1.790	1.785	1.732	1.655	1.831	5.59
68)	T	2,4-Dinitrotoluene		0.278	0.288	0.318	0.346	0.394	0.413	0.426	0.420	0.408	0.365	16.15
69)	T	4-Nitrophenol			0.167	0.179	0.200	0.225	0.243	0.258	0.268	0.259	0.225	17.24
70)	T	2,3,5,6-Tetrachlorophenol		0.290	0.291	0.314	0.335	0.366	0.378	0.392	0.388	0.373	0.347	11.77
71)	T	2,3,4,6-Tetrachlorophenol	0.272	0.290	0.323	0.341	0.363	0.381	0.383	0.390	0.387	0.370	0.350	12.07
72)	T	Diethyl phthalate	1.436	1.400	1.399	1.402	1.429	1.456	1.471	1.486	1.463	1.419	1.436	2.21

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: SV103**	**Ical Ref**	**: ICAL22827**
Calibration dates	**: 11/17/25 01:56 11/18/25 22:59**		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
73)	T	Fluorene	1.511	1.465	1.455	1.462	1.430	1.436	1.419	1.416	1.381	1.313	1.429	3.76
74)	T	4-Chlorophenyl-phenylether	0.778	0.756	0.744	0.752	0.720	0.723	0.715	0.715	0.692	0.668	0.726	4.44
75)	T	4-Nitroaniline	0.220	0.251	0.261	0.281	0.303	0.323	0.338	0.340	0.336	0.327	0.298	14.27
76)	T	4,6-Dinitro-o-cresol				0.130	0.148	0.180	0.199	0.217	0.217	0.210	0.186	18.65
77)	T	NDPA/DPA	1.265	1.255	1.237	1.254	1.221	1.218	1.215	1.202	1.174	1.134	1.217	3.30
78)	T	Azobenzene	1.271	1.284	1.259	1.322	1.281	1.307	1.294	1.293	1.274	1.225	1.281	2.10
79)	S	2,4,6-Tribromophenol	0.134	0.171	0.181	0.189	0.197	0.215	0.224	0.236	0.235	0.229	0.201	16.38
80)	T	4-Bromophenyl-phenylether	0.471	0.472	0.463	0.465	0.451	0.458	0.457	0.462	0.459	0.452	0.461	1.54
81)	T	Hexachlorobenzene	0.567	0.563	0.544	0.542	0.517	0.521	0.519	0.532	0.523	0.515	0.534	3.55
82)	T	Pentachlorophenol			0.178	0.210	0.246	0.292	0.314	0.339	0.337	0.334	*L	0.9992
83)	I	IS2_Acenaphthene-d10	----------ISTD----------											
84)	T	Dichloran				0.092	0.107	0.131	0.155	0.176	0.177	0.187	*L	0.9965
85)	T	Pentachloronitrobenzene				0.114	0.127	0.152	0.170	0.182	0.181	0.186	0.159	18.06
86)	I	IS3_Acenaphthene-d10	----------ISTD----------											
87)	T	Atrazine	0.309	0.298	0.329	0.349	0.355	0.421	0.409	0.403	0.414	0.404	0.369	12.67
88)	I	IS1_Phenanthrene-d10	----------ISTD----------											
89)	T	Phenanthrene	1.305	1.176	1.158	1.133	1.101	1.088	1.080	1.075	1.048	0.996	1.116	7.56
90)	T	Anthracene	1.193	1.119	1.139	1.130	1.113	1.113	1.108	1.099	1.060	1.002	1.107	4.49
91)	T	Carbazole	1.023	1.006	1.030	1.003	1.016	1.015	1.015	1.002	0.987	0.941	1.004	2.51
92)	T	Di-n-butylphthalate	0.961	0.983	1.012	1.066	1.138	1.228	1.259	1.271	1.245	1.191	1.135	10.63
93)	T	Fluoranthene	1.282	1.226	1.252	1.240	1.255	1.266	1.297	1.268	1.235	1.185	1.251	2.52
94)	T	Benzidine		0.626	0.676	0.727	0.810	0.857	0.915	0.919	0.908	0.875	0.813	13.58
95)	T	Pyrene	1.369	1.340	1.371	1.356	1.360	1.339	1.346	1.298	1.241	1.182	1.320	4.73
96)	S	4-Terphenyl-d14	1.032	0.986	1.008	1.001	1.011	0.995	1.029	1.006	0.975	0.934	0.998	2.86
97)	T	Butyl benzyl phthalate			0.370	0.398	0.461	0.511	0.564	0.582	0.578	0.563	0.503	16.73
98)	I	IS2_Phenanthrene-d10	----------ISTD----------											
99)	T	Diphenamid		0.377	0.415	0.431	0.457	0.486	0.503	0.516	0.498	0.511	0.466	10.50
100)	I	IS3_Phenanthrene-d10	----------ISTD----------											
101)	T	n-Octadecane		0.370	0.382	0.401	0.390	0.438	0.413	0.412	0.389	0.393	0.399	5.09
102)	T	Parathion				0.052	0.058	0.082	0.084	0.098	0.104	0.108	*L	0.9958
103)	T	3,3'-Dimethylbenzidine			0.533	0.606	0.674	0.828	0.813	0.840	0.820	0.788	0.738	15.93
104)	I	IS1_Chrysene-d12	----------ISTD----------											
105)	T	Benzo[a]anthracene	1.415	1.324	1.306	1.276	1.296	1.311	1.302	1.355	1.359	1.300	1.324	3.08
106)	T	3,3'-Dichlorobenzidine	0.400	0.427	0.453	0.467	0.497	0.527	0.536	0.557	0.551	0.526	0.494	11.04
107)	T	Chrysene	1.374	1.309	1.286	1.266	1.246	1.220	1.208	1.216	1.199	1.139	1.246	5.28
108)	T	bis(2-Ethylhexyl)phthalate		0.502	0.545	0.615	0.690	0.774	0.800	0.841	0.841	0.810	0.713	18.32

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: SV103**	**Ical Ref**	**: ICAL22827**
Calibration dates	**: 11/17/25 01:56 11/18/25 22:59**		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
109)	T	Di-n-octylphthalate			0.766	0.879	1.072	1.256	1.361	1.479	1.510	1.454	*L	0.9987
110)	T	Benzo(b)fluoranthene	1.210	1.200	1.202	1.213	1.276	1.298	1.287	1.397	1.409	1.389	1.288	6.53
111)	T	Benzo(k)fluoranthene	1.211	1.208	1.272	1.248	1.273	1.261	1.292	1.307	1.297	1.204	1.257	3.04
112)	T	Benzo(a)pyrene	1.066	1.075	1.138	1.130	1.190	1.215	1.240	1.302	1.315	1.265	1.194	7.47
113)	I	IS1_Perylene-d12	----------ISTD----------											
114)	T	Indeno(1,2,3-cd)pyrene	0.950	0.953	0.940	0.983	0.999	1.088	1.145	1.211	1.244	1.214	1.073	11.39
115)	T	Dibenzo[a,h]anthracene	1.012	0.984	0.994	1.014	1.042	1.100	1.131	1.193	1.190	1.131	1.079	7.42
116)	T	Benzo(g,h,i)perylene	1.017	0.999	0.998	1.028	1.033	1.083	1.106	1.147	1.145	1.107	1.066	5.44

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: MORK**	**Ical Ref**	**: ICAL22888**
Calibration dates	**: 12/09/25 17:40 12/10/25 04:20**		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =ABNL3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	N-Nitrosodimethylamine	0.525	0.558	0.602	0.544	0.601	0.589	0.601	0.642	0.638	0.628	0.593	6.71
3)	t	Pyridine	1.066	0.975	0.993	0.942	1.014	1.068	1.054	1.079	1.161	1.148	1.050	6.76
4)	S	2-Fluorophenol	0.940	0.874	0.964	0.921	0.919	0.974	0.968	1.027	1.043	0.981	0.961	5.26
5)	T	Aniline	1.659	1.571	1.579	1.576	1.524	1.515	1.625	1.653	1.655	1.539	1.590	3.48
6)	t	2-Chlorophenol	1.204	1.112	1.136	1.168	1.089	1.128	1.178	1.199	1.176	1.110	1.150	3.51
7)	S	Phenol-d6	1.146	1.202	1.107	1.128	1.163	1.190	1.238	1.274	1.287	1.181	1.192	5.03
8)	T	Phenol	1.289	1.181	1.178	1.204	1.212	1.229	1.280	1.296	1.306	1.228	1.240	3.92
9)	T	bis(2-Chloroethyl)ether	0.925	0.956	0.941	0.904	0.860	0.886	0.892	0.945	0.922	0.873	0.910	3.54
10)	T	1,3-Dichlorobenzene	1.564	1.477	1.514	1.442	1.423	1.429	1.430	1.431	1.396	1.316	1.442	4.62
11)	T	1,4-Dichlorobenzene	1.526	1.501	1.479	1.439	1.450	1.419	1.438	1.444	1.406	1.333	1.443	3.69
12)	T	1,2-Dichlorobenzene	1.440	1.494	1.427	1.351	1.407	1.379	1.360	1.392	1.336	1.233	1.382	5.08
13)	t	Benzyl alcohol	0.717	0.773	0.828	0.850	0.846	0.875	0.928	0.974	0.938	0.902	0.863	9.06
14)	T	bis(2-chloroisopropyl)ether	1.229	1.131	1.218	1.165	1.135	1.134	1.187	1.204	1.192	1.138	1.173	3.19
15)	T	2-Methylphenol	0.985	0.887	0.963	0.915	0.936	0.937	0.992	0.982	0.962	0.886	0.945	4.12
16)	T	Hexachloroethane	0.533	0.546	0.544	0.538	0.522	0.519	0.530	0.531	0.521	0.494	0.528	2.82
17)	T	n-Nitrosodi-n-propylamine	0.752	0.707	0.746	0.732	0.705	0.716	0.754	0.764	0.757	0.717	0.735	3.02
18)	T	3-Methylphenol/4-Methylphenol	1.008	0.950	0.949	0.983	0.975	1.011	1.040	1.059	1.042	0.993	1.001	3.83
19)	S	Nitrobenzene-d5	1.094	0.997	1.054	1.049	1.006	1.067	1.094	1.127	1.107	1.054	1.065	3.96
20)	T	Nitrobenzene	1.122	1.127	1.060	1.095	1.061	1.052	1.095	1.105	1.091	1.037	1.084	2.80
21)	T	Isophorone	1.933	1.904	1.897	1.918	1.880	1.940	1.991	2.032	1.993	1.936	1.943	2.50
22)	T	2-Nitrophenol	0.572	0.592	0.596	0.577	0.581	0.620	0.640	0.673	0.661	0.621	0.613	5.83
23)	T	2,4-Dimethylphenol	1.167	1.088	1.102	1.108	1.111	1.096	1.159	1.186	1.161	1.105	1.128	3.15
24)	T	bis(2-Chloroethoxy)methane	1.276	1.209	1.205	1.223	1.186	1.171	1.237	1.255	1.217	1.168	1.215	2.88
25)	T	2,4-Dichlorophenol	1.217	1.121	1.139	1.177	1.185	1.184	1.268	1.268	1.248	1.192	1.200	4.20
26)	T	1,2,4-Trichlorobenzene	1.461	1.529	1.497	1.455	1.459	1.409	1.471	1.472	1.455	1.388	1.459	2.72
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde	0.789	0.810	0.779	0.842	0.862	0.848	0.867	0.879	0.856	0.871	0.840	4.21
29)	T	Acetophenone	1.365	1.346	1.396	1.429	1.438	1.426	1.436	1.477	1.432	1.447	1.419	2.77
30)	T	m-Toluidine	1.275	1.306	1.284	1.355	1.463	1.425	1.424	1.459	1.419	1.435	1.384	5.28
31)	T	2-Chloroaniline	1.294	1.296	1.288	1.358	1.410	1.393	1.367	1.374	1.320	1.333	1.343	3.24
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)	T	1,4-Dioxane	0.466	0.488	0.445	0.405	0.361	0.398	0.373	0.355	0.348	0.350	0.399	12.82
34)	T	n-Decane	0.820	0.821	0.806	0.844	0.806	0.857	0.793	0.773	0.776	0.762	0.806	3.83
35)	I	IS1_Naphthalene-d8	----------ISTD----------											
36)	T	Naphthalene	1.071	1.054	1.025	1.036	0.996	0.985	0.968	0.959	0.942	0.853	0.989	6.45

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: MORK**	**Ical Ref**	**: ICAL22888**
Calibration dates	**: 12/09/25 17:40 12/10/25 04:20**		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =ABNL3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
37)	T	Benzoic Acid				0.195	0.201	0.237	0.250	0.267	0.272	0.253	0.239	12.64
38)	T	4-Chloroaniline	0.094	0.103	0.103	0.106	0.100	0.107	0.110	0.113	0.113	0.109	0.106	5.59
39)	T	Hexachlorobutadiene	0.299	0.303	0.281	0.298	0.279	0.280	0.279	0.290	0.281	0.270	0.286	3.85
40)	T	p-Chloro-m-cresol	0.288	0.256	0.275	0.286	0.271	0.284	0.289	0.300	0.300	0.283	0.283	4.71
41)	T	2-Methylnaphthalene	0.738	0.662	0.686	0.683	0.644	0.646	0.673	0.680	0.661	0.610	0.668	5.01
42)	T	1-Methylnaphthalene	0.264	0.244	0.247	0.249	0.232	0.235	0.242	0.250	0.246	0.232	0.244	3.99
43)	T	Hexachlorocyclopentadiene		0.234	0.264	0.281	0.293	0.317	0.348	0.375	0.372	0.351	0.315	15.89
44)	T	2,4,6-Trichlorophenol	0.301	0.282	0.297	0.300	0.294	0.293	0.309	0.314	0.313	0.303	0.301	3.27
45)	T	2,4,5-Trichlorophenol	0.314	0.335	0.328	0.319	0.320	0.328	0.342	0.347	0.351	0.322	0.331	3.83
46)	S	2-Fluorobiphenyl	1.059	1.034	1.000	0.998	0.975	0.951	0.955	0.975	0.934	0.867	0.975	5.50
47)	T	2-Chloronaphthalene	0.831	0.821	0.837	0.806	0.800	0.790	0.793	0.795	0.765	0.733	0.797	3.89
48)	T	2-Nitroaniline	0.202	0.201	0.203	0.204	0.219	0.223	0.232	0.243	0.240	0.227	0.220	7.39
49)	T	1,4-Dinitrobenzene	0.076	0.087	0.092	0.094	0.097	0.105	0.112	0.120	0.121	0.112	0.102	14.59
50)	T	1,3-Dinitrobenzene	0.107	0.095	0.106	0.116	0.115	0.122	0.124	0.133	0.134	0.124	0.118	10.52
51)	T	Dimethyl phthalate	1.044	0.970	0.969	0.973	0.957	0.962	0.943	0.979	0.938	0.877	0.961	4.32
52)	T	Acenaphthylene	1.342	1.289	1.305	1.298	1.250	1.249	1.249	1.254	1.206	1.095	1.254	5.38
53)	T	2,6-Dinitrotoluene	0.194	0.182	0.193	0.193	0.197	0.198	0.199	0.207	0.206	0.196	0.196	3.63
54)	T	1,2-Dinitrobenzene	0.080	0.068	0.064	0.072	0.070	0.072	0.074	0.077	0.076	0.074	0.073	6.22
55)	I	IS2_Naphthalene-d8	----------ISTD----------											
56)	T	a-Terpineol	0.200	0.189	0.204	0.203	0.214	0.207	0.217	0.207	0.207	0.211	0.206	3.87
57)	T	3-Chloroaniline	0.098	0.119	0.118	0.113	0.115	0.121	0.123	0.123	0.121	0.123	0.117	6.40
58)	T	2,6-Dichlorophenol	0.332	0.333	0.328	0.332	0.345	0.346	0.354	0.333	0.332	0.330	0.336	2.59
59)	T	1-chloro-2-nitrobenzene	0.123	0.118	0.127	0.126	0.130	0.133	0.133	0.131	0.131	0.132	0.128	3.79
60)	T	Caprolactam	0.108	0.106	0.110	0.105	0.106	0.111	0.113	0.109	0.112	0.111	0.109	2.53
61)	T	1,2,4,5-Tetrachlorobenzene	0.460	0.504	0.475	0.474	0.488	0.478	0.494	0.470	0.457	0.459	0.476	3.24
62)	T	Biphenyl	0.921	0.907	0.949	0.940	0.975	0.957	0.934	0.885	0.878	0.849	0.919	4.30
63)	I	IS1_Acenaphthene-d10	----------ISTD----------											
64)	T	3-Nitroaniline	0.304	0.283	0.308	0.287	0.309	0.318	0.312	0.328	0.325	0.310	0.308	4.70
65)	T	Acenaphthene	1.178	1.207	1.191	1.137	1.094	1.085	1.064	1.084	1.073	0.978	1.109	6.27
66)	T	2,4-Dinitrophenol				0.144	0.159	0.188	0.206	0.233	0.234	0.225	0.198	18.25
67)	T	Dibenzofuran	2.138	1.963	1.945	1.923	1.848	1.863	1.802	1.804	1.755	1.636	1.868	7.28
68)	T	2,4-Dinitrotoluene	0.418	0.395	0.401	0.419	0.427	0.443	0.441	0.457	0.449	0.428	0.428	4.73
69)	T	4-Nitrophenol	0.178	0.185	0.195	0.198	0.200	0.214	0.221	0.236	0.235	0.222	0.209	9.65
70)	T	2,3,5,6-Tetrachlorophenol	0.442	0.437	0.430	0.434	0.432	0.454	0.473	0.502	0.492	0.466	0.456	5.69
71)	T	2,3,4,6-Tetrachlorophenol	0.438	0.423	0.438	0.455	0.448	0.457	0.463	0.474	0.476	0.446	0.452	3.72
72)	T	Diethyl phthalate	1.580	1.567	1.509	1.521	1.477	1.459	1.458	1.468	1.435	1.352	1.483	4.47

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: MORK**	**Ical Ref**	**: ICAL22888**
Calibration dates	**: 12/09/25 17:40 12/10/25 04:20**		

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =ABNL3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
73)	T	Fluorene	1.532	1.490	1.483	1.499	1.500	1.477	1.477	1.482	1.412	1.335	1.469	3.79
74)	T	4-Chlorophenyl-phenylether	0.851	0.811	0.771	0.772	0.757	0.769	0.761	0.769	0.749	0.705	0.771	4.94
75)	T	4-Nitroaniline	0.273	0.276	0.303	0.289	0.298	0.310	0.305	0.314	0.308	0.301	0.298	4.66
76)	T	4,6-Dinitro-o-cresol		0.182	0.210	0.214	0.241	0.272	0.289	0.308	0.310	0.298	0.258	18.47
77)	T	NDPA/DPA	1.443	1.328	1.245	1.285	1.292	1.256	1.223	1.243	1.206	1.150	1.267	6.25
78)	T	Azobenzene	1.175	1.165	1.115	1.120	1.084	1.097	1.080	1.091	1.054	1.015	1.100	4.36
79)	S	2,4,6-Tribromophenol	0.326	0.301	0.295	0.304	0.316	0.316	0.321	0.344	0.344	0.339	0.321	5.55
80)	T	4-Bromophenyl-phenylether	0.537	0.561	0.553	0.515	0.527	0.526	0.538	0.561	0.548	0.530	0.540	2.90
81)	T	Hexachlorobenzene	0.709	0.695	0.649	0.646	0.636	0.646	0.655	0.675	0.679	0.649	0.664	3.66
82)	T	Pentachlorophenol	0.270	0.282	0.307	0.325	0.344	0.386	0.400	0.436	0.448	0.445	0.364	18.60
83)	I	IS2_Acenaphthene-d10	----------ISTD----------											
84)	T	Dichloran	0.158	0.179	0.195	0.192	0.214	0.231	0.239	0.237	0.249	0.252	0.215	14.95
85)	T	Pentachloronitrobenzene	0.204	0.223	0.241	0.236	0.236	0.247	0.250	0.249	0.249	0.254	0.239	6.40
86)	I	IS3_Acenaphthene-d10	----------ISTD----------											
87)	T	Atrazine	0.472	0.483	0.466	0.457	0.434	0.482	0.450	0.450	0.433	0.440	0.457	4.09
88)	I	IS1_Phenanthrene-d10	----------ISTD----------											
89)	T	Phenanthrene	1.251	1.132	1.172	1.106	1.079	1.084	1.050	1.030	0.986	0.925	1.081	8.56
90)	T	Anthracene	1.234	1.144	1.160	1.106	1.117	1.096	1.066	1.042	1.003	0.908	1.088	8.30
91)	T	Carbazole	1.087	1.071	1.049	1.028	1.013	1.008	0.979	0.981	0.922	0.872	1.001	6.59
92)	T	Di-n-butylphthalate	1.210	1.171	1.176	1.159	1.172	1.167	1.161	1.137	1.097	1.016	1.147	4.73
93)	T	Fluoranthene	1.424	1.390	1.407	1.401	1.398	1.367	1.360	1.350	1.281	1.155	1.353	5.96
94)	T	Benzidine	0.907	0.913	0.922	0.901	0.933	0.952	0.948	0.945	0.932	0.848	0.920	3.34
95)	T	Pyrene	1.512	1.475	1.494	1.470	1.452	1.470	1.404	1.383	1.304	1.179	1.414	7.30
96)	S	4-Terphenyl-d14	1.153	1.126	1.131	1.116	1.112	1.122	1.105	1.107	1.051	0.939	1.096	5.56
97)	T	Butyl benzyl phthalate	0.534	0.505	0.518	0.524	0.551	0.569	0.574	0.590	0.572	0.543	0.548	5.11
98)	I	IS2_Phenanthrene-d10	----------ISTD----------											
99)	T	Diphenamid	0.472	0.473	0.521	0.489	0.515	0.510	0.493	0.499	0.485	0.489	0.495	3.37
100)	I	IS3_Phenanthrene-d10	----------ISTD----------											
101)	T	n-Octadecane	0.288	0.248	0.254	0.249	0.235	0.257	0.234	0.236	0.237	0.234	0.247	6.79
102)	T	Parathion	0.079	0.086	0.079	0.091	0.091	0.106	0.104	0.108	0.113	0.114	0.097	13.69
103)	T	3,3'-Dimethylbenzidine	0.816	0.819	0.875	0.897	0.910	0.976	0.918	0.892	0.867	0.849	0.882	5.47
104)	I	IS1_Chrysene-d12	----------ISTD----------											
105)	T	Benzo[a]anthracene	1.510	1.373	1.351	1.333	1.309	1.313	1.268	1.255	1.245	1.155	1.311	7.16
106)	T	3,3'-Dichlorobenzidine	0.577	0.543	0.557	0.556	0.560	0.555	0.553	0.542	0.529	0.504	0.548	3.62
107)	T	Chrysene	1.392	1.267	1.268	1.244	1.230	1.167	1.156	1.110	1.040	1.014	1.189	9.67
108)	T	bis(2-Ethylhexyl)phthalate	0.694	0.673	0.682	0.671	0.690	0.683	0.687	0.676	0.655	0.645	0.675	2.31

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2580856**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E EXCAVATION**
Instrument ID	**: MORK**	**Ical Ref**	**: ICAL22888**
Calibration dates	**: 12/09/25 17:40 12/10/25 04:20**		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =ABNL3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
109)	T	Di-n-octylphthalate	1.163	1.162	1.172	1.181	1.206	1.225	1.240	1.255	1.213	1.178	1.200	2.77
110)	T	Benzo(b)fluoranthene	1.403	1.343	1.474	1.420	1.388	1.367	1.375	1.435	1.449	1.602	1.426	5.16
111)	T	Benzo(k)fluoranthene	1.470	1.414	1.290	1.284	1.346	1.403	1.309	1.256	1.192	0.975	1.294	10.75
112)	T	Benzo(a)pyrene	1.368	1.348	1.344	1.302	1.313	1.342	1.310	1.352	1.332	1.287	1.330	1.93
113)	I	IS1_Perylene-d12	----------ISTD----------											
114)	T	Indeno(1,2,3-cd)pyrene	1.201	1.170	1.168	1.182	1.179	1.181	1.217	1.291	1.339	1.273	1.220	4.91
115)	T	Dibenzo[a,h]anthracene	1.219	1.180	1.170	1.169	1.154	1.191	1.197	1.177	1.156	1.052	1.166	3.84
116)	T	Benzo(g,h,i)perylene	1.214	1.175	1.146	1.157	1.149	1.177	1.162	1.182	1.188	1.090	1.164	2.83

Response Factor Report Juliet

Method Path : I:\8270\Juliet\250614ical\
Method File : FS250614Juliet.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Jun 16 11:53:15 2025
Response Via : Initial Calibration

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =ADPL5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	n-Nitrosodimet...	0.407	0.490	0.701	0.529	0.608	0.536	0.550	0.558	0.552	0.534	0.546	13.81
3)	t	Pyridine	0.845	0.931	1.192	0.880	1.053	0.986	0.951	0.995	0.968	0.949	0.975	9.86
4)	S	2-Fluorophenol	0.929	0.917	1.140	0.922	1.067	0.989	0.980	0.976	0.983	0.952	0.985	7.07
5)	T	Aniline	1.691	1.580	1.968	1.492	1.776	1.641	1.568	1.544	1.520	1.438	1.622	9.66
6)	t	2-Chlorophenol	1.187	1.312	1.480	1.203	1.323	1.282	1.214	1.235	1.215	1.192	1.264	7.14
7)	S	Phenol-d6	1.312	1.248	1.518	1.139	1.381	1.260	1.213	1.203	1.226	1.146	1.265	9.06
8)	T	Phenol	1.426	1.310	1.753	1.336	1.568	1.423	1.354	1.340	1.350	1.247	1.411	10.47
9)	T	Bis(2-chloroet...	1.000	0.903	1.104	0.842	0.961	0.910	0.874	0.858	0.857	0.804	0.911	9.73
10)	T	1,3-Dichlorobe...	1.657	1.582	1.852	1.476	1.647	1.520	1.434	1.476	1.442	1.393	1.548	9.01
11)	T	1,4-Dichlorobe...	1.653	1.578	1.894	1.512	1.647	1.566	1.484	1.481	1.495	1.425	1.574	8.55
12)	T	1,2-Dichlorobe...	1.655	1.510	1.777	1.459	1.650	1.503	1.417	1.413	1.415	1.371	1.517	8.80
13)	t	Benzyl alcohol	0.868	0.786	1.051	0.815	0.977	0.921	0.895	0.891	0.895	0.820	0.892	8.87
14)	T	Bis(2-chlorois...	1.400	1.317	1.547	1.292	1.428	1.356	1.266	1.297	1.268	1.134	1.331	8.36
15)	T	2-Methylphenol	1.017	0.978	1.263	1.010	1.149	1.090	1.028	1.022	1.004	0.959	1.052	8.74

Method Path : I:\8270\Juliet\250614ical\
Method File : FS250614Juliet.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Jun 16 11:53:15 2025
Response Via : Initial Calibration

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =ADPL5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
16)	T	Hexachloroethane	0.528	0.468	0.600	0.478	0.514	0.486	0.472	0.479	0.472	0.448	0.495	8.79
17)	T	n-Nitrosodi-n-...	0.751	0.764	0.972	0.776	0.848	0.781	0.737	0.737	0.731	0.675	0.777	10.47
18)	T	3-Methylphenol...	1.112	1.061	1.341	1.056	1.243	1.157	1.092	1.071	1.052	1.018	1.120	8.98
19)	S	Nitrobenzene-d5	1.052	1.028	1.327	1.010	1.182	1.129	1.103	1.114	1.098	0.997	1.104	8.82
20)	T	Nitrobenzene	1.079	1.034	1.305	0.992	1.180	1.115	1.062	1.084	1.069	0.971	1.089	8.83
21)	T	Isophorone	2.140	2.052	2.632	1.991	2.376	2.207	2.009	2.064	2.081	1.915	2.147	9.93
22)	T	2-Nitrophenol		0.471	0.669	0.497	0.656	0.654	0.644	0.687	0.691	0.650	0.624	13.06
23)	T	2,4-Dimethylph...	1.294	1.182	1.522	1.167	1.365	1.270	1.226	1.175	1.222	1.121	1.254	9.38
24)	T	Bis(2-chloroet...	1.504	1.273	1.610	1.242	1.411	1.350	1.259	1.259	1.237	1.153	1.330	10.53
25)	T	2,4-Dichloroph...	1.394	1.289	1.781	1.316	1.567	1.443	1.385	1.366	1.362	1.340	1.424	10.33
26)	T	1,2,4-Trichlor...	1.883	1.668	2.112	1.639	1.852	1.721	1.611	1.594	1.617	1.574	1.727	9.95
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde	0.914	0.873	0.827	0.872	0.899	0.860	0.838	0.841	0.865	0.828	0.862	3.39
29)	T	Acetophenone	1.527	1.613	1.555	1.565	1.660	1.666	1.593	1.626	1.533	1.468	1.581	3.97
30)	T	m-Toluidine	1.002	1.231	1.366	1.440	1.523	1.635	1.554	1.613	1.589	1.525	1.448	13.77

Response Factor Report Juliet

Method Path : I:\8270\Juliet\250614ical\
Method File : FS250614Juliet.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Jun 16 11:53:15 2025
Response Via : Initial Calibration

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =ADPL5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
31)	T	2-Chloroaniline	1.646	1.594	1.496	1.590	1.670	1.690	1.620	1.652	1.576	1.532	1.607	3.82
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)	T	1,4-Dioxane	0.285	0.321	0.307	0.305	0.305	0.330	0.305	0.294	0.299	0.290	0.304	4.51
34)	T	n-Decane	0.699	0.782	0.788	0.750	0.805	0.781	0.763	0.733	0.720	0.702	0.752	4.98
35)	I	IS1_Naphthalene-d8	----------ISTD----------											
36)	T	Naphthalene	1.109	1.074	1.279	1.023	1.155	1.049	1.011	0.994	0.978	0.961	1.063	9.11
37)	T	Benzoic Acid				0.056	0.116	0.182	0.218	0.230	0.232	0.229 *L		0.99 94
38)	T	4-Chloroaniline	0.110	0.106	0.118	0.108	0.110	0.113	0.108	0.107	0.103	0.097	0.108	5.20
39)	T	Hexachlorobuta...	0.341	0.308	0.354	0.284	0.316	0.288	0.275	0.281	0.267	0.270	0.298	10.19
40)	T	p-Chloro-m-cresol	0.293	0.279	0.351	0.274	0.322	0.294	0.290	0.292	0.276	0.271	0.294	8.45
41)	T	2-Methylnaphth...	0.789	0.735	0.880	0.680	0.752	0.699	0.671	0.673	0.660	0.654	0.719	9.97
42)	T	1-Methylnaphth...	0.244	0.236	0.264	0.216	0.245	0.228	0.220	0.216	0.206	0.194	0.227	9.16
43)	T	Hexachlorocycl...	0.255	0.318	0.344	0.300	0.338	0.331	0.329	0.346	0.331	0.340	0.323	8.55
44)	T	2,4,6-Trichlor...	0.337	0.346	0.390	0.325	0.367	0.344	0.343	0.333	0.319	0.317	0.342	6.55
45)	T	2,4,5-Trichlor...	0.366	0.358	0.454	0.368	0.406	0.382	0.337	0.346	0.346	0.349	0.371	9.55

Response Factor Report Juliet

Method Path : I:\8270\Juliet\250614ical\
Method File : FS250614Juliet.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Jun 16 11:53:15 2025
Response Via : Initial Calibration

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =ADPL5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
46)	S	2-Fluorobiphenyl	1.188	1.093	1.371	1.046	1.213	1.107	1.053	1.020	0.989	0.972	1.105	11.03
47)	T	2-Chloronaphth...	0.975	0.880	1.083	0.861	0.960	0.878	0.826	0.817	0.785	0.766	0.883	11.07
48)	T	2-Nitroaniline	0.178	0.196	0.247	0.206	0.248	0.235	0.238	0.236	0.227	0.222	0.223	10.37
49)	T	1,4-Dinitroben...	0.080	0.082	0.108	0.091	0.111	0.112	0.115	0.113	0.117	0.110	0.104	13.49
50)	T	1,3-Dinitroben...	0.103	0.100	0.131	0.110	0.137	0.134	0.136	0.127	0.131	0.129	0.124	11.24
51)	T	Dimethyl phtha...	1.237	1.145	1.308	1.074	1.192	1.079	1.034	0.960	0.989	0.959	1.098	10.94
52)	T	Acenaphthylene	1.551	1.449	1.762	1.417	1.603	1.473	1.409	1.327	1.326	1.273	1.459	10.09
53)	T	2,6-Dinitrotol...	0.180	0.182	0.217	0.186	0.224	0.216	0.209	0.198	0.200	0.191	0.200	7.85
54)	T	1,2-Dinitroben...	0.067	0.056	0.095	0.072	0.092	0.087	0.086	0.081	0.085	0.081	0.080	14.96
55)	I	IS2_Naphthalene-d8	----------ISTD----------											
56)	T	a-Terpineol	0.171	0.205	0.184	0.193	0.202	0.211	0.202	0.196	0.196	0.182	0.194	6.32
57)	T	3-Chloroaniline	0.124	0.108	0.104	0.112	0.117	0.115	0.108	0.105	0.102	0.098	0.109	7.26
58)	T	2,6-Dichloroph...	0.319	0.319	0.322	0.337	0.370	0.373	0.370	0.363	0.363	0.349	0.349	6.43
59)	T	1-chloro-2-nit...	0.108	0.107	0.125	0.124	0.129	0.133	0.133	0.133	0.132	0.126	0.125	7.93
60)	T	Caprolactam	0.104	0.106	0.097	0.125	0.131	0.118	0.121	0.118	0.113	0.115	9.46	

Response Factor Report Juliet

Method Path : I:\8270\Juliet\250614ical\
Method File : FS250614Juliet.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Jun 16 11:53:15 2025
Response Via : Initial Calibration

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =ADPL5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
61)	T	1,2,4,5-Tetrac...	0.580	0.572	0.562	0.562	0.588	0.568	0.571	0.563	0.543	0.545	0.565	2.47
62)	T	Biphenyl	1.032	1.061	1.030	1.055	1.100	1.078	1.051	1.020	1.008	0.987	1.042	3.23
63)	I	IS1_Acenaphthene-d10	----------ISTD----------											
64)	T	3-Nitroaniline	0.247	0.260	0.349	0.267	0.341	0.327	0.308	0.311	0.310	0.299	0.302	11.33
65)	T	Acenaphthene	1.347	1.136	1.400	1.145	1.305	1.174	1.117	1.072	1.050	1.042	1.179	10.84
66)	T	2,4-Dinitrophenol				0.066	0.117	0.124	0.143	0.161	0.164	0.161 *L		0.99 84
67)	T	Dibenzofuran	2.100	2.007	2.475	1.876	2.157	1.971	1.815	1.853	1.825	1.793	1.987	10.67
68)	T	2,4-Dinitrotol...	0.297	0.295	0.438	0.350	0.440	0.424	0.415	0.426	0.430	0.417	0.393	14.55
69)	T	4-Nitrophenol	0.155	0.171	0.217	0.174	0.216	0.197	0.189	0.195	0.197	0.182	0.189	10.32
70)	T	2,3,5,6-Tetrac...	0.452	0.413	0.544	0.431	0.505	0.497	0.459	0.476	0.467	0.471	0.472	7.94
71)	T	2,3,4,6-Tetrac...	0.453	0.471	0.593	0.478	0.534	0.485	0.462	0.466	0.455	0.448	0.484	9.35
72)	T	Diethyl phthalate	1.560	1.488	1.750	1.371	1.619	1.467	1.337	1.374	1.370	1.306	1.464	9.72
73)	T	Fluorene	1.668	1.516	1.828	1.535	1.757	1.566	1.451	1.469	1.482	1.437	1.571	8.62
74)	T	4-Chlorophenyl...	0.918	0.838	1.023	0.798	0.943	0.848	0.794	0.796	0.798	0.778	0.853	9.56
75)	T	4-Nitroaniline	0.258	0.306	0.367	0.294	0.370	0.338	0.321	0.314	0.309	0.292	0.317	10.82

Response Factor Report Juliet

Method Path : I:\8270\Juliet\250614ical\
Method File : FS250614Juliet.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Jun 16 11:53:15 2025
Response Via : Initial Calibration

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =ADPL5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
76)	T	4,6-Dinitro-o-...	0.072	0.128	0.111	0.184	0.202	0.215	0.236	0.240	0.227	*L		0.99
82														
77)	T	NDPA/DPA	1.432	1.329	1.690	1.319	1.549	1.339	1.242	1.255	1.223	1.184	1.356	11.72
78)	T	Azobenzene	1.049	0.983	1.159	0.956	1.111	1.007	0.958	0.970	0.946	0.865	1.000	8.58
79)	S	2,4,6-Tribromo...	0.246	0.241	0.307	0.249	0.284	0.258	0.241	0.237	0.240	0.234	0.254	9.35
80)	T	4-Bromophenyl ...	0.610	0.566	0.667	0.511	0.595	0.539	0.481	0.489	0.469	0.459	0.539	12.88
81)	T	Hexachlorobenzene	0.674	0.658	0.726	0.595	0.668	0.572	0.525	0.531	0.520	0.506	0.597	13.17
82)	T	Pentachlorophenol	0.230	0.361	0.308	0.412	0.381	0.369	0.372	0.378	0.379	0.354	15.24	
83)	I	IS2_Acenaphthene-d10	----------ISTD----------											
84)	T	Dichloran	0.161	0.184	0.210	0.227	0.242	0.251	0.250	0.218	15.85			
85)	T	Pentachloronit...	0.143	0.147	0.170	0.189	0.205	0.208	0.213	0.218	0.214	0.190	15.44	
86)	I	IS3_Acenaphthene-d10	----------ISTD----------											
87)	T	Atrazine	0.392	0.442	0.418	0.438	0.479	0.476	0.485	0.492	0.505	0.503	0.463	8.29
88)	I	IS1_Phenanthrene-d10	----------ISTD----------											
89)	T	Phenanthrene	1.248	1.182	1.379	1.115	1.189	1.124	1.065	1.081	1.072	1.054	1.151	8.89
90)	T	Anthracene	1.249	1.180	1.412	1.116	1.222	1.147	1.093	1.118	1.087	1.065	1.169	8.91

Response Factor Report Juliet

Method Path : I:\8270\Juliet\250614ical\
Method File : FS250614Juliet.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Jun 16 11:53:15 2025
Response Via : Initial Calibration

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =ADPL5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
91)	T	Carbazole	1.153	1.115	1.320	1.046	1.202	1.093	1.002	1.043	1.027	1.001	1.100	9.23
92)	T	Di-n-butylphth...	1.140	1.079	1.332	1.064	1.229	1.171	1.099	1.154	1.139	1.123	1.153	6.83
93)	T	Fluoranthene	1.622	1.532	1.858	1.443	1.672	1.529	1.458	1.521	1.489	1.488	1.561	8.07
94)	T	Benzidine	0.886	0.954	1.121	0.969	1.102	0.985	0.936	0.956	0.946	0.969	0.982	7.45
95)	T	Pyrene	1.671	1.676	1.976	1.554	1.782	1.610	1.530	1.547	1.508	1.480	1.633	9.29
96)	S	4-Terphenyl-d14	1.274	1.220	1.440	1.138	1.328	1.185	1.125	1.147	1.130	1.139	1.213	8.68
97)	T	Butyl benzyl p...	0.456	0.466	0.566	0.469	0.576	0.543	0.533	0.540	0.547	0.531	0.523	8.21
98)	I	IS2_Phenanthrene-d10	ISTD											
99)	T	Diphenamid	0.503	0.507	0.482	0.539	0.546	0.555	0.538	0.535	0.538	0.543	0.529	4.34
100)	I	IS3_Phenanthrene-d10	ISTD											
101)	T	n-Octadecane	0.184	0.202	0.188	0.206	0.227	0.219	0.216	0.210	0.197	0.202	0.205	6.57
102)	T	Parathion				0.049	0.060	0.066	0.074	0.080	0.085	0.081	0.071	18.44
103)	T	3,3'-Dimethylb...				0.729	0.798	0.978	0.994	1.032	1.079	1.061	0.953	14.21
104)	I	IS1_Chrysene-d12	ISTD											
105)	T	Benzo(a)anthra...	1.661	1.481	1.803	1.417	1.600	1.477	1.436	1.502	1.488	1.494	1.536	7.73

Response Factor Report Juliet

Method Path : I:\8270\Juliet\250614ical\
Method File : FS250614Juliet.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Jun 16 11:53:15 2025
Response Via : Initial Calibration

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =ADPL5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
106)	T	3,3'-Dichlorob...	0.514	0.510	0.642	0.517	0.591	0.561	0.548	0.585	0.589	0.600	0.566	7.66
107)	T	Chrysene	1.471	1.393	1.641	1.301	1.433	1.364	1.269	1.299	1.262	1.265	1.370	8.80
108)	T	Bis(2-ethylhex...	0.597	0.543	0.738	0.589	0.721	0.707	0.683	0.699	0.677	0.656	0.661	9.71
109)	T	Di-n-octylphth...	0.858	0.861	1.206	0.988	1.226	1.205	1.235	1.313	1.330	1.316	1.154	15.84
110)	T	Benzo(b)fluora...	1.502	1.411	1.696	1.378	1.624	1.463	1.423	1.447	1.435	1.501	1.488	6.70
111)	T	Benzo(k)fluora...	1.564	1.449	1.737	1.404	1.511	1.476	1.356	1.368	1.308	1.262	1.444	9.59
112)	T	Benzo(a)pyrene	1.401	1.397	1.587	1.322	1.499	1.402	1.355	1.332	1.339	1.322	1.396	6.20
113)	I	IS1_Perylene-d12	----------ISTD----------											
114)	T	Indeno(1,2,3-c...	1.193	1.158	1.415	1.136	1.374	1.283	1.242	1.298	1.363	1.365	1.283	7.63
115)	T	Dibenzo(a,h)an...	1.186	1.159	1.399	1.144	1.339	1.225	1.178	1.185	1.211	1.169	1.220	6.83
116)	T	Benzo(ghi)pery...	1.246	1.211	1.425	1.170	1.375	1.271	1.190	1.178	1.189	1.137	1.239	7.56

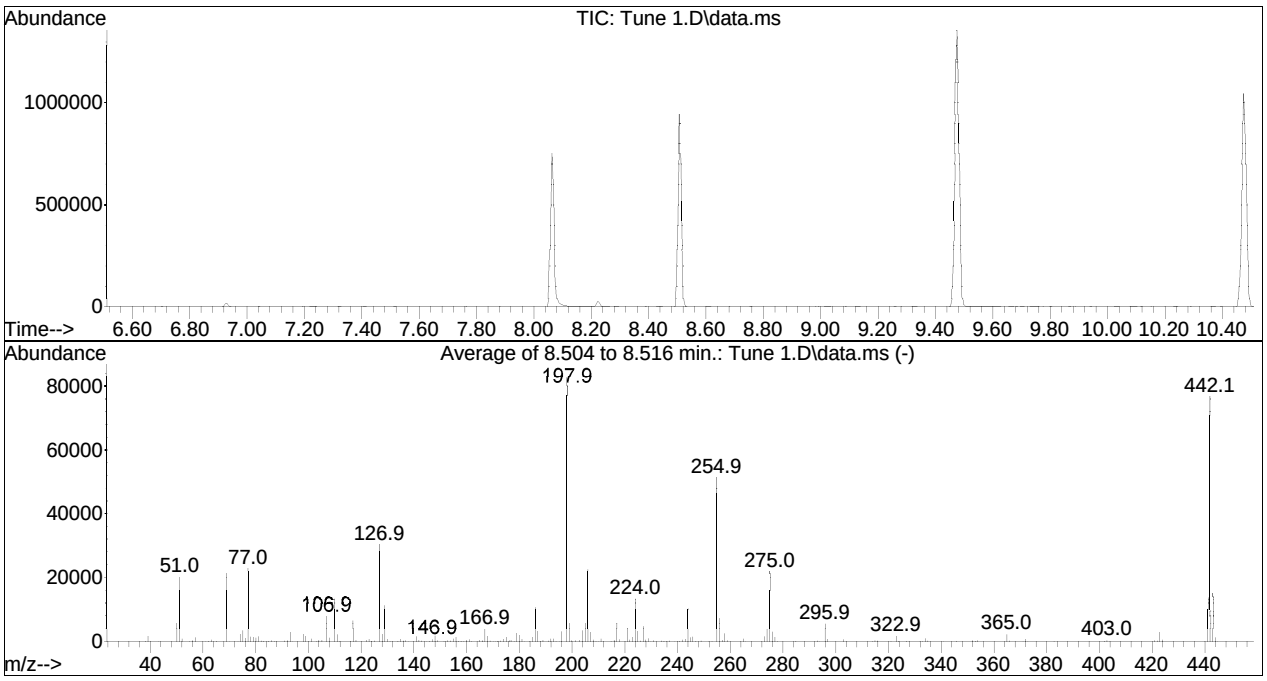
(#) = Out of Range

DFTPP

Data Path : I:\8270\Juliet\250614ical\
Data File : Tune 1.D
Acq On : 14 Jun 2025 12:42 pm
Operator : Juliet:slr
Sample : Tune 1 Lot#11649
Misc : WG2079414,,
ALS Vial : 100 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Jun 16 11:53:15 2025



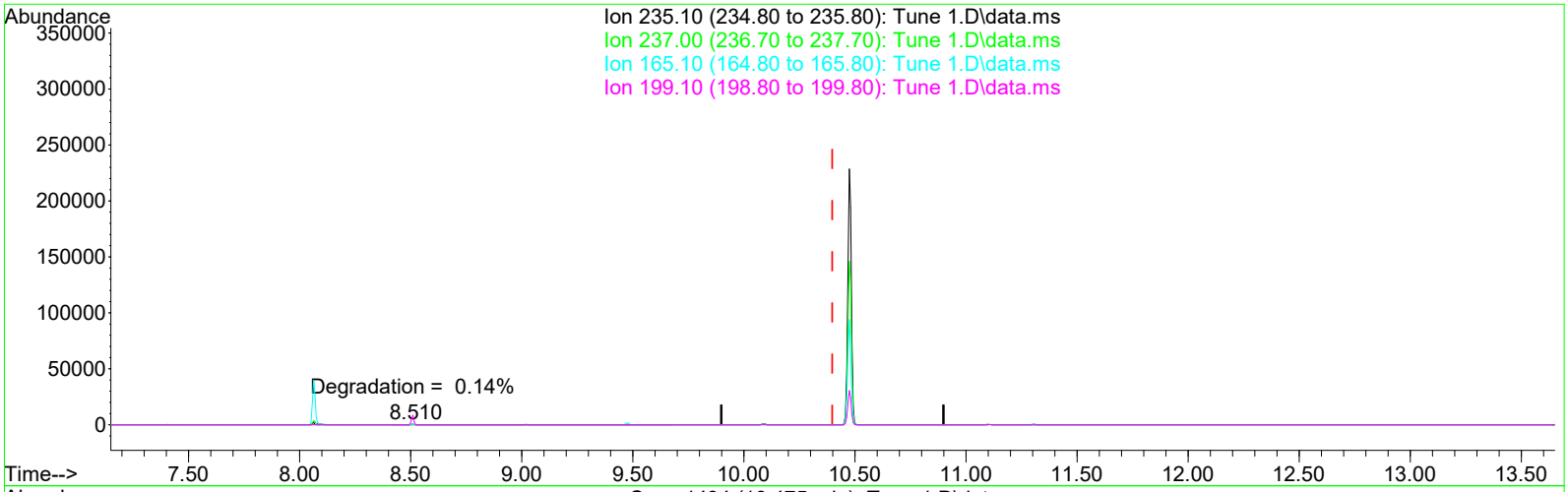
AutoFind: Scans 1159, 1160, 1161; Background Corrected with Scan 1154

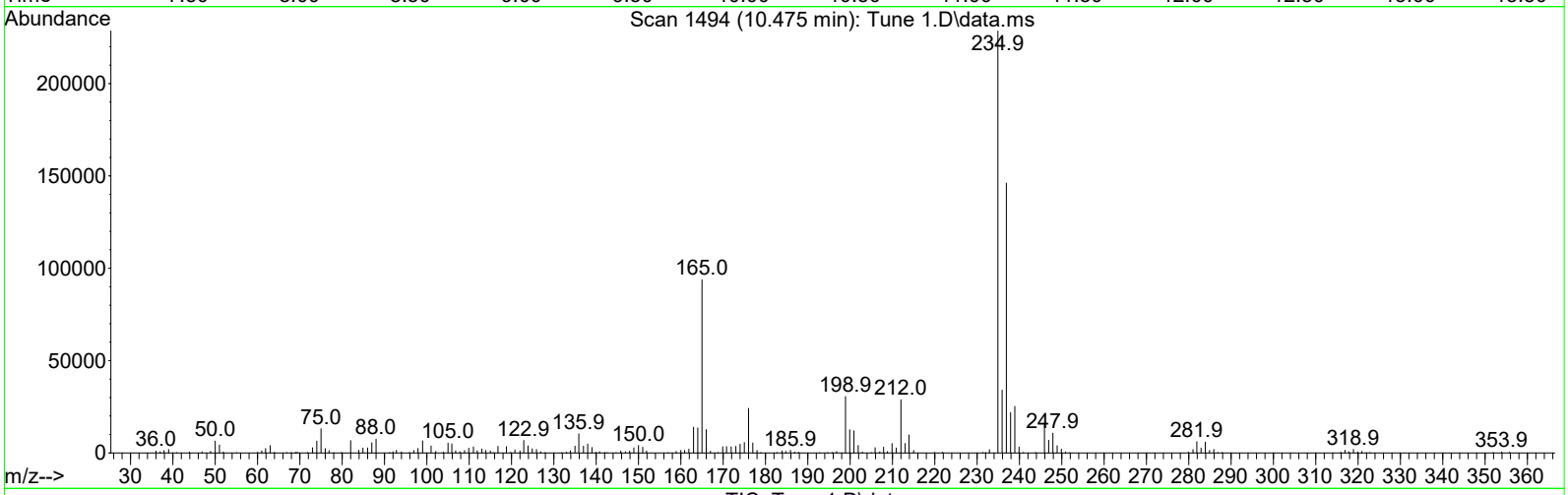
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	24.3	20046	PASS
68	69	0.00	2	0.0	0	PASS
69	69	100	100	100.0	21096	PASS
70	69	0.00	2	0.5	108	PASS
127	198	10	80	36.6	30268	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	82643	PASS
199	198	5	9	6.8	5632	PASS
275	198	10	60	26.4	21783	PASS
365	198	1	100	2.7	2242	PASS
441	442	0.01	24	17.7	13565	PASS
442	198	50	100	92.8	76709	PASS
443	442	15	24	19.5	14959	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\Juliet\250614ical\
Data File : Tune 1.D
Acq On : 14 Jun 2025 12:42 pm
Operator : Juliet:slr
Sample : Tune 1 Lot#11649
Misc : WG2079414,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Jun 16 12:15:51 2025
Quant Method : I:\8270\Juliet\250614ical\DftppJuliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:39:27 2025
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





TIC: Tune 1.D\data.ms

(6) DDT (T)

10.475min (+ 0.075) 51.14

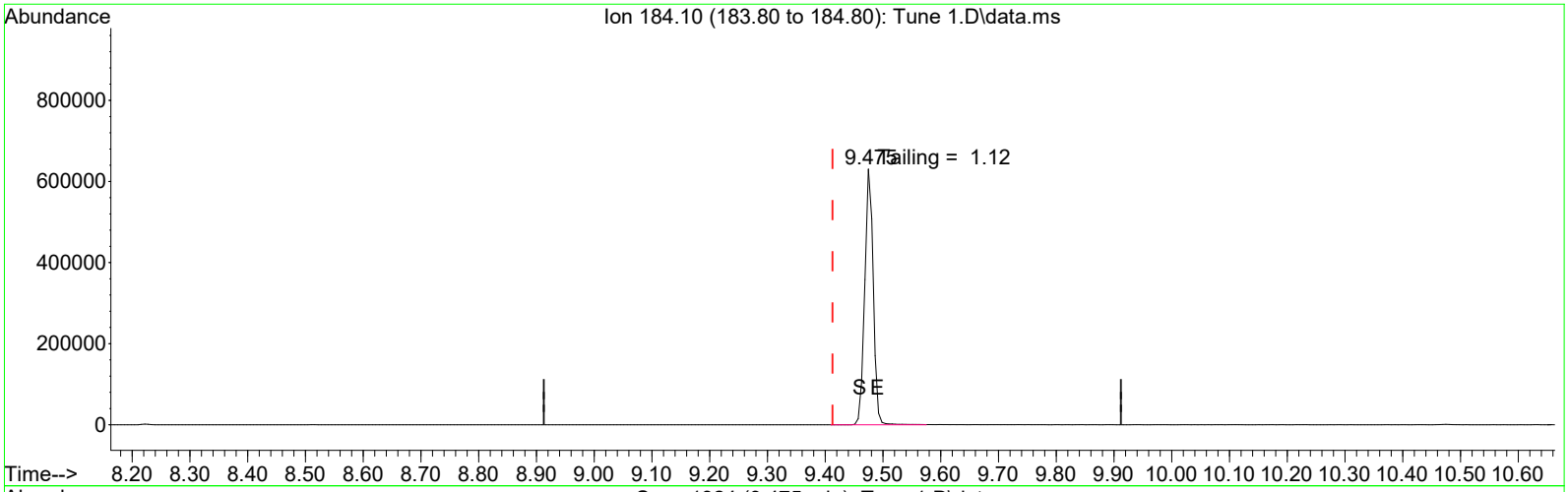
response 252909

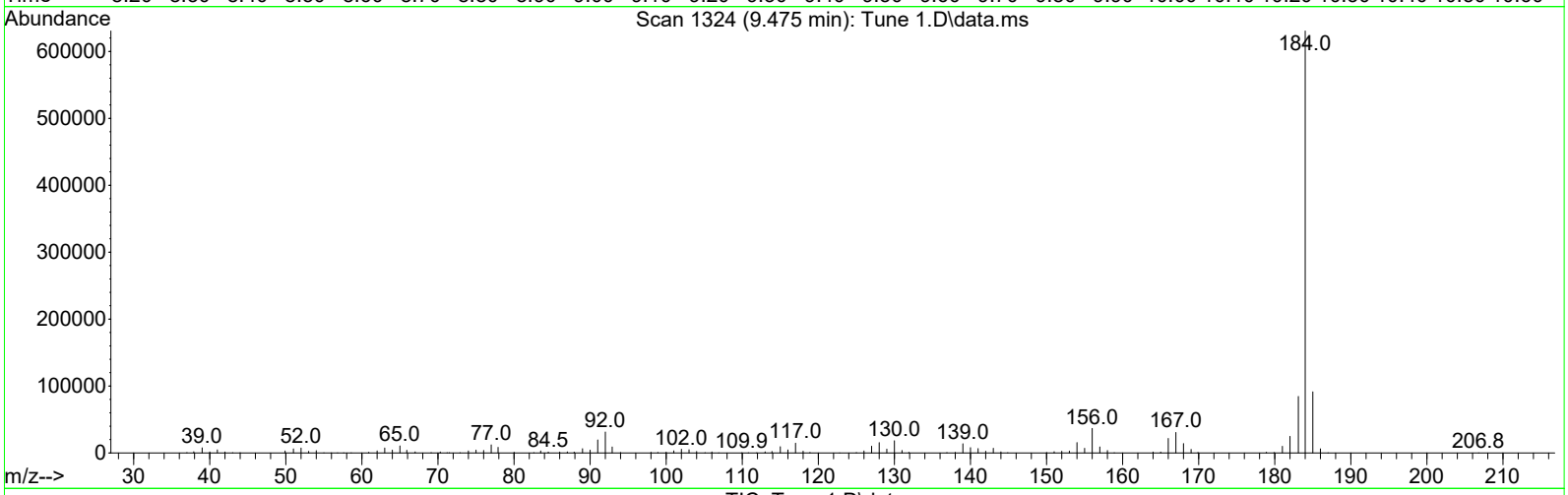
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	63.60	64.31
165.10	48.40	39.51
199.10	13.50	13.11

Quantitation Report (Qedit)

Data Path : I:\8270\Juliet\250614ical\
Data File : Tune 1.D
Acq On : 14 Jun 2025 12:42 pm
Operator : Juliet:slr
Sample : Tune 1 Lot#11649
Misc : WG2079414,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Jun 16 12:15:51 2025
Quant Method : I:\8270\Juliet\250614ical\DftppJuliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:39:27 2025
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





TIC: Tune 1.D\data.ms

(3) Benzidine (T)

9.475min (+ 0.062) 52.77

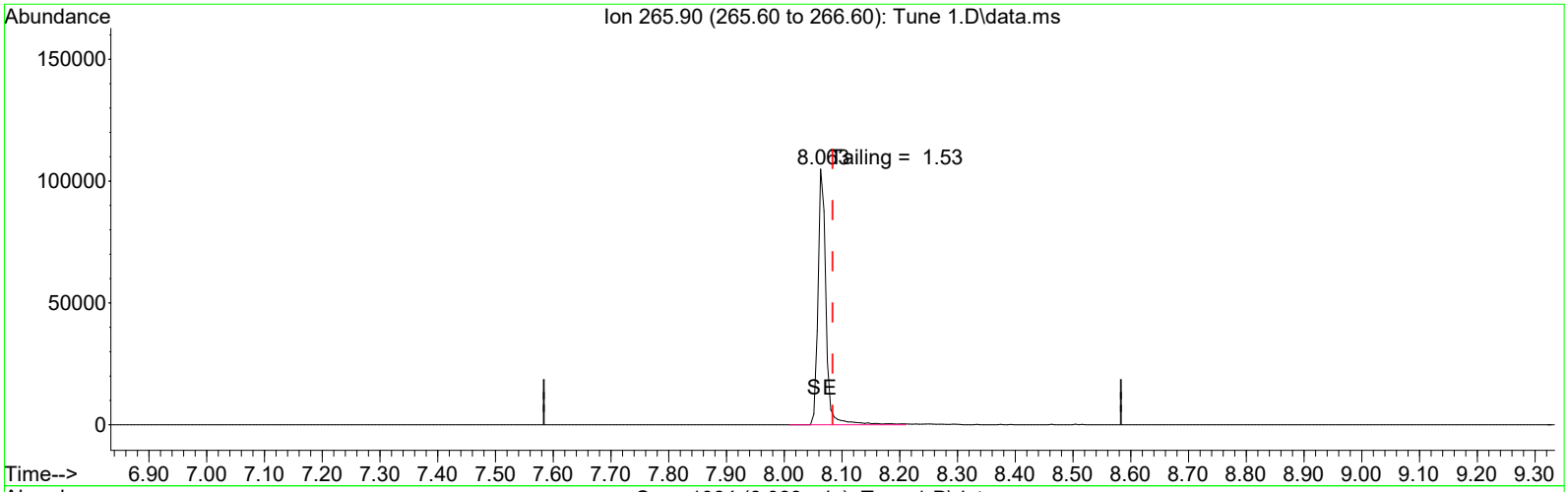
response 649981

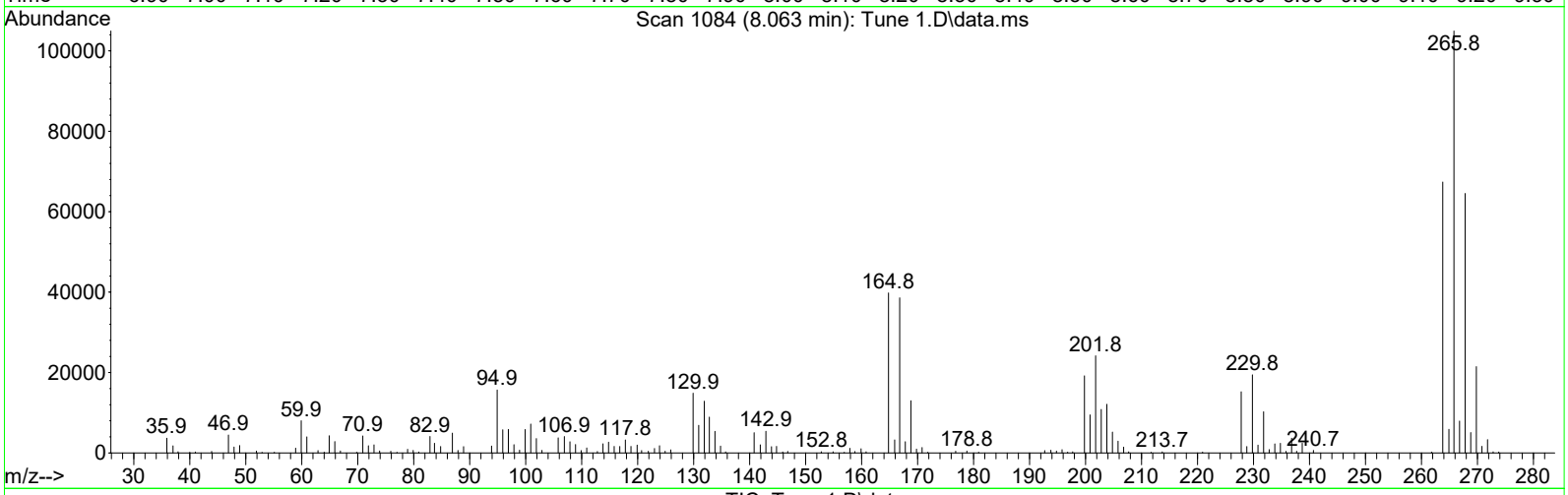
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\Juliet\250614ical\
Data File : Tune 1.D
Acq On : 14 Jun 2025 12:42 pm
Operator : Juliet:slr
Sample : Tune 1 Lot#11649
Misc : WG2079414,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Jun 16 12:15:51 2025
Quant Method : I:\8270\Juliet\250614ical\DftppJuliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:39:27 2025
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





TIC: Tune 1.D\data.ms

(1) Pentachlorophenol (T)

8.063min (-0.021) 51.10

response 100380

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL10.D
Acq On : 14 Jun 2025 1:05 pm
Operator : Juliet:slr
Sample : IL1,32,,ABNL200 Lot# 11615
Misc : WG2079414,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 15 17:52:02 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	4.287	152	112101	40.000	ug/ml	# 0.00
Standard Area 1 = 97643			Recovery = 114.81%			
35) IS1_Naphthalene-d8	5.393	136	413745	40.000	ug/ml	0.00
Standard Area 1 = 368530			Recovery = 112.27%			
63) IS1_Acenaphthene-d10	6.928	164	269690	40.000	ug/ml	0.00
Standard Area 1 = 259733			Recovery = 103.83%			
88) IS1_Phenanthrene-d10	8.228	188	565649	40.000	ug/ml	# 0.00
Standard Area 1 = 571572			Recovery = 98.96%			
104) IS1_Chrysene-d12	11.122	240	618539	40.000	ug/ml	# 0.02
Standard Area 1 = 663666			Recovery = 93.20%			
113) IS1_Perylene-d12	13.457	264	644289	40.000	ug/ml	0.02
Standard Area 1 = 740716			Recovery = 86.98%			
System Monitoring Compounds						
4) 2-Fluorophenol	3.199	112	533730	214.142	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 428.28%#			
7) Phenol-d6	3.987	99	642079	199.941	ug/ml	0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 399.88%#			
19) Nitrobenzene-d5	4.769	82	558926	200.301	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 801.20%#			
46) 2-Fluorobiphenyl	6.345	172	2010910	193.972	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 775.89%#			
79) 2,4,6-Tribromophenol	7.622	330	315297	203.224	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 406.45%#			
96) 4-Terphenyl-d14	9.757	244	3221959	206.647	ug/ml	0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 826.59%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	2.175	74	299162	216.841	ug/ml#	77
3) Pyridine	2.205	79	531678	215.196	ug/ml	92
5) Aniline	4.010	93	805876	195.835	ug/ml#	89
6) 2-Chlorophenol	4.116	128	668093	208.186	ug/ml	93
8) Phenol	3.999	94	698988	195.120	ug/ml#	89
9) Bis(2-chloroethyl)ether	4.069	93	450521	194.688	ug/ml	92
10) 1,3-Dichlorobenzene	4.240	146	780875	197.932	ug/ml	95
11) 1,4-Dichlorobenzene	4.304	146	798954	199.561	ug/ml	96
12) 1,2-Dichlorobenzene	4.434	146	768480	198.887	ug/ml	95
13) Benzyl alcohol	4.416	79	459398	203.868	ug/ml	97
14) Bis(2-chloroisopropyl)...	4.540	45	635657	187.946	ug/ml#	94

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL10.D
Acq On : 14 Jun 2025 1:05 pm
Operator : Juliet:slr
Sample : IL1,32,,ABNL200 Lot# 11615
Misc : WG2079414,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 15 17:52:02 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	4.516	108	537430	201.635	ug/ml	99
16) Hexachloroethane	4.728	117	251194	199.900	ug/ml#	44
17) n-Nitrosodi-n-propylamine	4.657	70	378390	191.530	ug/ml	95
18) 3-Methylphenol/4-Methy...	4.657	108	570722	200.959	ug/ml	97
20) Nitrobenzene	4.787	77	544375	197.155	ug/ml	97
21) Isophorone	5.004	82	1073405	196.403	ug/ml	95
22) 2-Nitrophenol	5.063	139	364233	234.724	ug/ml	92
23) 2,4-Dimethylphenol	5.116	107	628398	197.657	ug/ml	98
24) Bis(2-chloroethoxy)met...	5.193	93	646531	191.164	ug/ml	100
25) 2,4-Dichlorophenol	5.275	162	751065	207.962	ug/ml#	92
26) 1,2,4-Trichlorobenzene	5.346	180	882239	200.531	ug/ml#	96
36) Naphthalene	5.410	128	1987396	199.218	ug/ml	99
37) Benzoic Acid	5.269	105	474628	250.515	ug/ml	98
38) 4-Chloroaniline	5.463	65	200869	199.546	ug/ml	75
39) Hexachlorobutadiene	5.534	225	557620	198.632	ug/ml	99
40) p-Chloro-m-cresol	5.893	107	559631	203.459	ug/ml	88
41) 2-Methylnaphthalene	6.016	142	1353146	200.069	ug/ml	98
42) 1-Methylnaphthalene	6.104	115	402305	189.327	ug/ml	88
43) Hexachlorocyclopentadiene	6.169	237	702759	233.855	ug/ml	99
44) 2,4,6-Trichlorophenol	6.269	196	654910	205.282	ug/ml	100
45) 2,4,5-Trichlorophenol	6.298	196	721749	206.237	ug/ml	98
47) 2-Chloronaphthalene	6.445	162	1584492	190.930	ug/ml#	93
48) 2-Nitroaniline	6.540	138	460047	222.538	ug/ml	90
49) 1,4-Dinitrobenzene	6.657	168	228545	238.605	ug/ml#	76
50) 1,3-Dinitrobenzene	6.728	168	266213	233.056	ug/ml#	75
51) Dimethyl phthalate	6.716	163	1983406	192.398	ug/ml	99
52) Acenaphthylene	6.804	152	2633884	192.749	ug/ml	99
53) 2,6-Dinitrotoluene	6.757	165	395706	212.840	ug/ml	87
54) 1,2-Dinitrobenzene	6.810	168	168221	226.934	ug/ml#	78
64) 3-Nitroaniline	6.904	138	403667	220.419	ug/ml	91
65) Acenaphthene	6.963	154	1404822	194.765	ug/ml	98
66) 2,4-Dinitrophenol	6.992	184	216988	252.276	ug/ml#	83
67) Dibenzofuran	7.110	168	2418000	198.135	ug/ml#	65
68) 2,4-Dinitrotoluene	7.110	165	562692	236.853	ug/ml#	74
69) 4-Nitrophenol	7.057	65	245661	213.459	ug/ml#	17
70) 2,3,5,6-Tetrachlorophenol	7.187	232	635649	220.999	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	7.222	232	603686	203.922	ug/ml	100
72) Diethyl phthalate	7.334	149	1761159	195.878	ug/ml	96
73) Fluorene	7.410	166	1937237	201.044	ug/ml	99
74) 4-Chlorophenyl phenyl ...	7.416	204	1048544	200.473	ug/ml#	83

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL10.D
Acq On : 14 Jun 2025 1:05 pm
Operator : Juliet:slr
Sample : IL1,32,,ABNL200 Lot# 11615
Misc : WG2079414,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 15 17:52:02 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	7.451	138	393488	204.580	ug/ml	91
76)	4,6-Dinitro-o-cresol	7.475	198	305950	250.745	ug/ml#	85
77)	NDPA/DPA	7.528	169	1596894	191.787	ug/ml	97
78)	Azobenzene	7.557	77	1166343	190.798	ug/ml#	88
80)	4-Bromophenyl phenyl e...	7.845	248	618290	186.536	ug/ml#	92
81)	Hexachlorobenzene	7.898	284	681746	185.108	ug/ml	94
82)	Pentachlorophenol	8.069	266	511366	251.047	ug/ml	98
89)	Phenanthrene	8.251	178	2981053	201.369	ug/ml	99
90)	Anthracene	8.298	178	3010769	200.446	ug/ml	100
91)	Carbazole	8.439	167	2829807	199.671	ug/ml	99
92)	Di-n-butylphthalate	8.763	149	3176787	214.906	ug/ml	98
93)	Fluoranthene	9.339	202	4209370	209.800	ug/ml#	92
94)	Benzidine	9.486	184	2741594	217.695	ug/ml#	95
95)	Pyrene	9.575	202	4186105	199.502	ug/ml	99
97)	Butyl benzyl phthalate	10.375	149	1500523	225.640	ug/ml#	89
105)	Benzo(a)anthracene	11.104	228	4620405	214.064	ug/ml	99
106)	3,3'-Dichlorobenzidine	11.098	252	1856546	234.524	ug/ml#	97
107)	Chrysene	11.163	228	3912955	203.089	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	11.245	149	2029012	220.932	ug/ml	97
109)	Di-n-octylphthalate	12.333	149	4069967	255.049	ug/ml	97
110)	Benzo(b)fluoranthene	12.839	252	4642363	222.583	ug/ml#	95
111)	Benzo(k)fluoranthene	12.886	252	3904314	192.592	ug/ml#	91
112)	Benzo(a)pyrene	13.380	252	4089816	209.414	ug/ml#	93
114)	Indeno(1,2,3-cd)pyrene	15.268	276	4398802	235.234	ug/mL#	90
115)	Dibenzo(a,h)anthracene	15.333	278	3765078M6	211.191	ug/ml	
116)	Benzo(ghi)perylene	15.704	276	3662403	202.539	ug/ml#	90

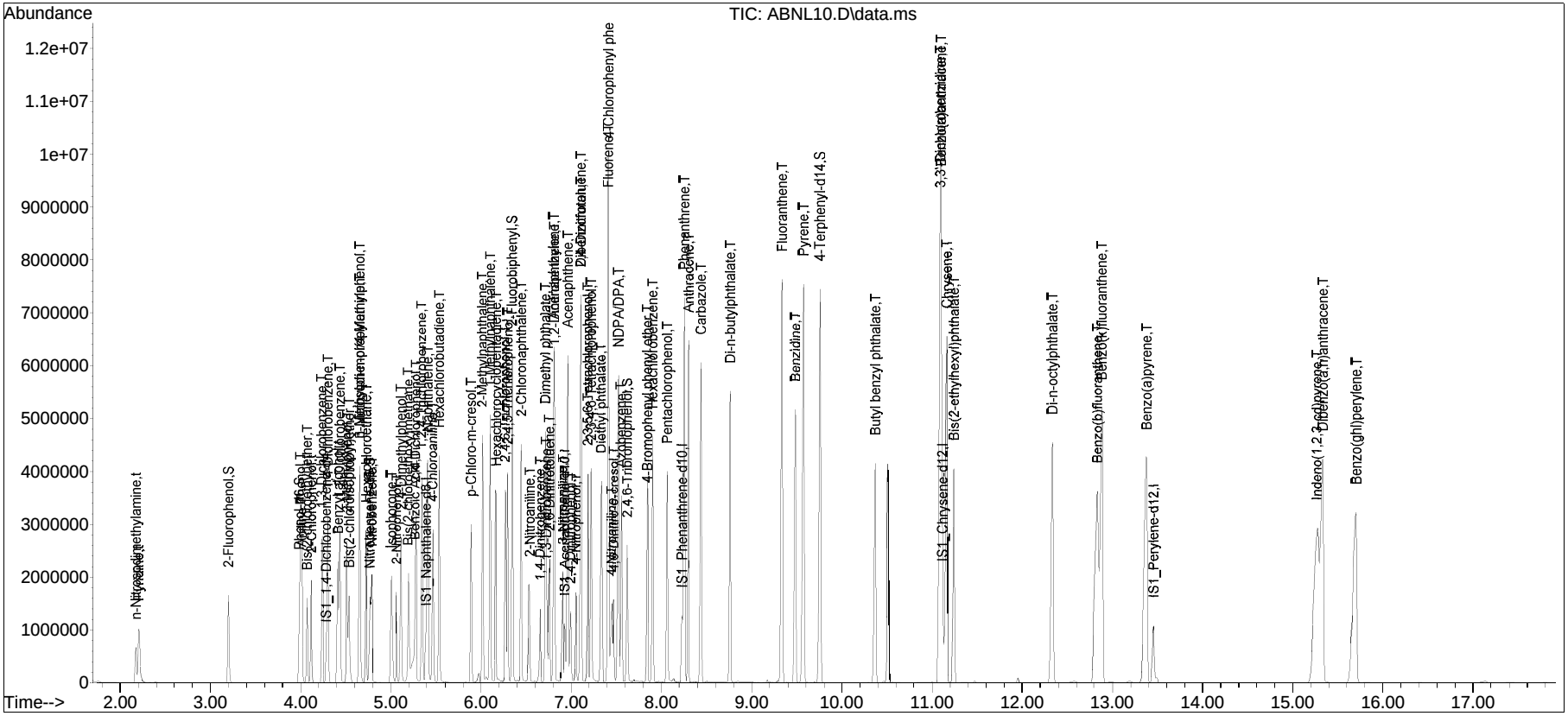
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL10.D
Acq On : 14 Jun 2025 1:05 pm
Operator : Juliet:slr
Sample : IL1,32,,ABNL200 Lot# 11615
Misc : WG2079414,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 15 17:52:02 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

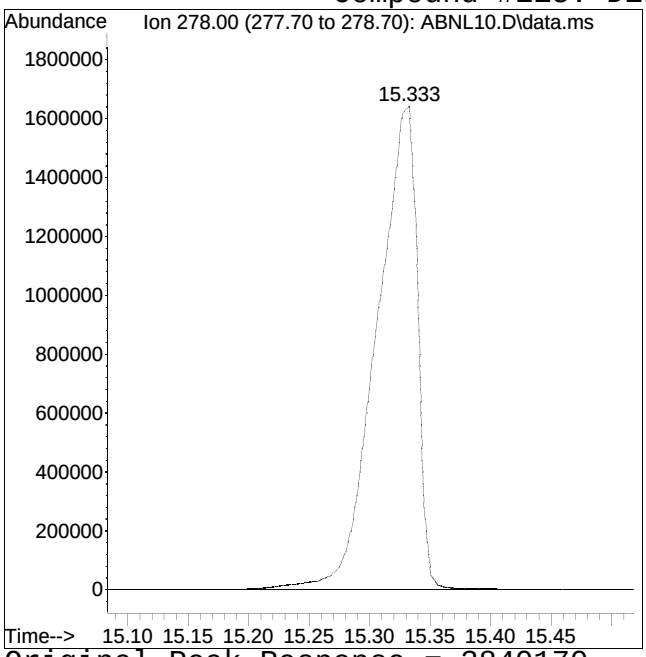
Sub List : ABNical - ABN ical sublistcal\ABNL7.D•



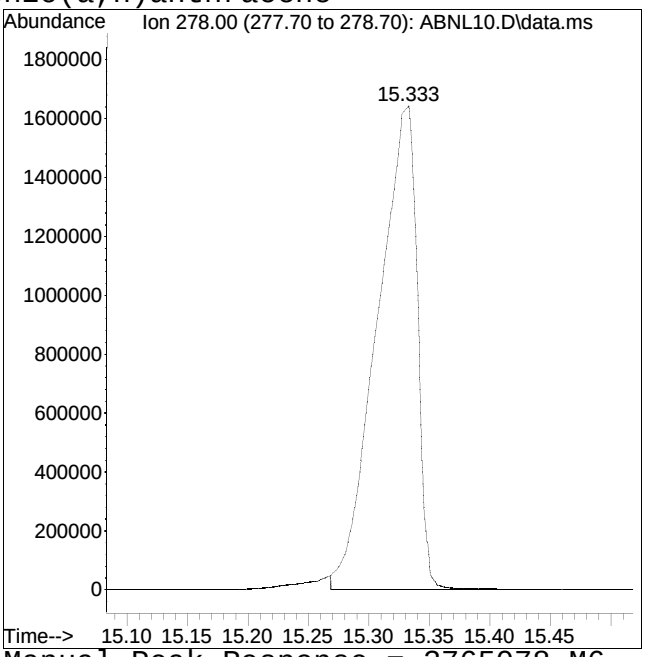
Manual Integration Report

Data Path : I:\8270\Juliet\250614ical\QMethod : FS250614Juliet.m
Data File : ABNL10.D Operator : Juliet:slr
Date Inj'd : 6/14/2025 1:05 pm Instrument : Juliet
Sample : IL1,32,,ABNL200 Lot# 11615Quant Date : 6/15/2025 5:52 pm

Compound #115: Dibenzo(a,h)anthracene



Original Peak Response = 3840170



Manual Peak Response = 3765078 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL9.D
Acq On : 14 Jun 2025 1:29 pm
Operator : Juliet:slr
Sample : IL2,32,,ABNL150 Lot# 11616
Misc : WG2079414,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 15 17:53:11 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	4.287	152	92923	40.000	ug/ml	# 0.00
Standard Area 1 = 97643			Recovery = 95.17%			
35) IS1_Naphthalene-d8	5.392	136	357632	40.000	ug/ml	0.00
Standard Area 1 = 368530			Recovery = 97.04%			
63) IS1_Acenaphthene-d10	6.928	164	234381	40.000	ug/ml	0.00
Standard Area 1 = 259733			Recovery = 90.24%			
88) IS1_Phenanthrene-d10	8.222	188	510966	40.000	ug/ml	# 0.00
Standard Area 1 = 571572			Recovery = 89.40%			
104) IS1_Chrysene-d12	11.110	240	569371	40.000	ug/ml	# 0.01
Standard Area 1 = 663666			Recovery = 85.79%			
113) IS1_Perylene-d12	13.451	264	588809	40.000	ug/ml	0.01
Standard Area 1 = 740716			Recovery = 79.49%			
System Monitoring Compounds						
4) 2-Fluorophenol	3.198	112	342630	165.841	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 331.68%#			
7) Phenol-d6	3.981	99	427048	160.427	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 320.85%#			
19) Nitrobenzene-d5	4.769	82	382716	165.459	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 661.84%#			
46) 2-Fluorobiphenyl	6.345	172	1325988	147.973	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 591.89%#			
79) 2,4,6-Tribromophenol	7.622	330	210699	156.264	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 312.53%#			
96) 4-Terphenyl-d14	9.751	244	2164965	153.715	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 614.86%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	2.175	74	192278	168.132	ug/ml#	72
3) Pyridine	2.204	79	337377	164.736	ug/ml	93
5) Aniline	4.010	93	529594	155.257	ug/ml#	85
6) 2-Chlorophenol	4.110	128	423330	159.140	ug/ml	95
8) Phenol	3.998	94	470487	158.440	ug/ml#	87
9) Bis(2-chloroethyl)ether	4.069	93	298662	155.701	ug/ml	93
10) 1,3-Dichlorobenzene	4.240	146	502321	153.604	ug/ml	96
11) 1,4-Dichlorobenzene	4.304	146	521031	157.001	ug/ml	96
12) 1,2-Dichlorobenzene	4.434	146	493221	153.993	ug/ml	95
13) Benzyl alcohol	4.410	79	311714	166.879	ug/ml	97
14) Bis(2-chloroisopropyl)...	4.534	45	441933	157.635	ug/ml#	70

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL9.D
Acq On : 14 Jun 2025 1:29 pm
Operator : Juliet:slr
Sample : IL2,32,,ABNL150 Lot# 11616
Misc : WG2079414,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 15 17:53:11 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	4.510	108	349926	158.383	ug/ml	99
16) Hexachloroethane	4.728	117	164639	158.061	ug/ml#	48
17) n-Nitrosodi-n-propylamine	4.651	70	254649	155.498	ug/ml	98
18) 3-Methylphenol/4-Methy...	4.651	108	366638	155.743	ug/ml	96
20) Nitrobenzene	4.787	77	372586	162.788	ug/ml	99
21) Isophorone	4.998	82	725016	160.036	ug/ml	96
22) 2-Nitrophenol	5.063	139	240758	187.174	ug/ml	94
23) 2,4-Dimethylphenol	5.110	107	425849	161.592	ug/ml	99
24) Bis(2-chloroethoxy)met...	5.192	93	430957	153.722	ug/ml	99
25) 2,4-Dichlorophenol	5.275	162	474717	158.573	ug/ml#	92
26) 1,2,4-Trichlorobenzene	5.345	180	563426	154.496	ug/ml	97
36) Naphthalene	5.410	128	1311843	152.133	ug/ml	99
37) Benzoic Acid	5.251	105	310843	189.809	ug/ml	99
38) 4-Chloroaniline	5.457	65	138666	159.366	ug/ml	84
39) Hexachlorobutadiene	5.534	225	358134	147.589	ug/ml	99
40) p-Chloro-m-cresol	5.892	107	370723	155.927	ug/ml	89
41) 2-Methylnaphthalene	6.016	142	885496	151.467	ug/ml	98
42) 1-Methylnaphthalene	6.104	115	276666	150.629	ug/ml	95
43) Hexachlorocyclopentadiene	6.169	237	443378	170.691	ug/ml	98
44) 2,4,6-Trichlorophenol	6.269	196	427939	155.184	ug/ml	99
45) 2,4,5-Trichlorophenol	6.298	196	463376	153.183	ug/ml	97
47) 2-Chloronaphthalene	6.439	162	1053085	146.806	ug/ml	93
48) 2-Nitroaniline	6.534	138	304214	170.246	ug/ml	93
49) 1,4-Dinitrobenzene	6.651	168	156287	188.767	ug/ml	79
50) 1,3-Dinitrobenzene	6.722	168	176246	178.503	ug/ml	79
51) Dimethyl phthalate	6.710	163	1325950	148.804	ug/ml	99
52) Acenaphthylene	6.804	152	1778140	150.542	ug/ml	99
53) 2,6-Dinitrotoluene	6.751	165	267852	166.676	ug/ml	91
54) 1,2-Dinitrobenzene	6.804	168	114076	178.037	ug/ml	83
64) 3-Nitroaniline	6.898	138	272848	171.431	ug/ml	95
65) Acenaphthene	6.957	154	923309	147.292	ug/ml	100
66) 2,4-Dinitrophenol	6.986	184	144085	192.753	ug/ml#	86
67) Dibenzofuran	7.110	168	1604009	151.236	ug/ml#	66
68) 2,4-Dinitrotoluene	7.104	165	378333	183.242	ug/ml#	78
69) 4-Nitrophenol	7.051	65	172843	172.811	ug/ml#	15
70) 2,3,5,6-Tetrachlorophenol	7.181	232	410730	164.313	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	7.222	232	399638	155.333	ug/ml	100
72) Diethyl phthalate	7.328	149	1203727	154.049	ug/ml	97
73) Fluorene	7.410	166	1302940	155.587	ug/ml	99
74) 4-Chlorophenyl phenyl ...	7.410	204	701389	154.302	ug/ml#	84

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL9.D
Acq On : 14 Jun 2025 1:29 pm
Operator : Juliet:slr
Sample : IL2,32,,ABNL150 Lot# 11616
Misc : WG2079414,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 15 17:53:11 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
75)	4-Nitroaniline	7.439	138	271935	162.682	ug/ml	#	93
76)	4,6-Dinitro-o-cresol	7.463	198	210544	198.549	ug/ml	#	83
77)	NDPA/DPA	7.522	169	1075341	148.604	ug/ml		96
78)	Azobenzene	7.551	77	831071	156.433	ug/ml	#	89
80)	4-Bromophenyl phenyl e...	7.839	248	412088	143.055	ug/ml	#	93
81)	Hexachlorobenzene	7.898	284	457101	142.810	ug/ml		95
82)	Pentachlorophenol	8.069	266	332406	187.774	ug/ml		99
89)	Phenanthrene	8.245	178	2053494	153.557	ug/ml		99
90)	Anthracene	8.292	178	2083267	153.539	ug/ml		99
91)	Carbazole	8.433	167	1968407	153.755	ug/ml		98
92)	Di-n-butylphthalate	8.757	149	2181690	163.383	ug/ml		98
93)	Fluoranthene	9.333	202	2853961	157.468	ug/ml	#	92
94)	Benzidine	9.480	184	1812912	159.359	ug/ml	#	95
95)	Pyrene	9.569	202	2889996	152.472	ug/ml		98
97)	Butyl benzyl phthalate	10.369	149	1047179	174.321	ug/ml	#	90
105)	Benzo(a)anthracene	11.098	228	3177869	159.946	ug/ml		99
106)	3,3'-Dichlorobenzidine	11.092	252	1257280	172.538	ug/ml	#	97
107)	Chrysene	11.157	228	2694658	151.935	ug/ml		98
108)	Bis(2-ethylhexyl)phtha...	11.239	149	1446104	171.059	ug/ml		98
109)	Di-n-octylphthalate	12.321	149	2840167	193.352	ug/ml		97
110)	Benzo(b)fluoranthene	12.821	252	3063257	159.554	ug/ml	#	95
111)	Benzo(k)fluoranthene	12.880	252	2792052	149.619	ug/ml	#	91
112)	Benzo(a)pyrene	13.368	252	2857892	158.971	ug/ml	#	93
114)	Indeno(1,2,3-cd)pyrene	15.262	276	3009566	176.106	ug/mL	#	91
115)	Dibenzo(a,h)anthracene	15.315	278	2674788M6	164.172	ug/ml		
116)	Benzo(ghi)perylene	15.686	276	2626230M2	158.921	ug/ml		

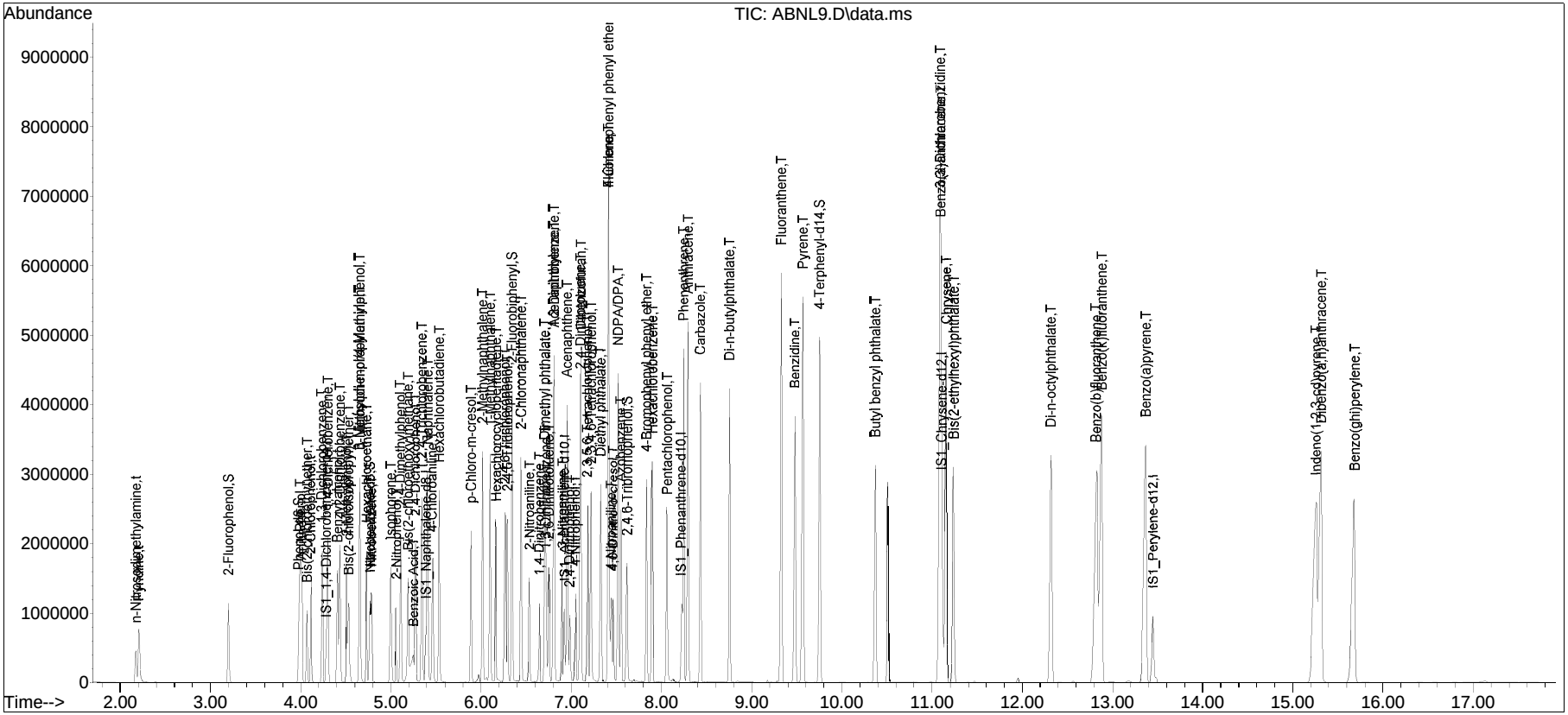
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL9.D
Acq On : 14 Jun 2025 1:29 pm
Operator : Juliet:slr
Sample : IL2,32,,ABNL150 Lot# 11616
Misc : WG2079414,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 15 17:53:11 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

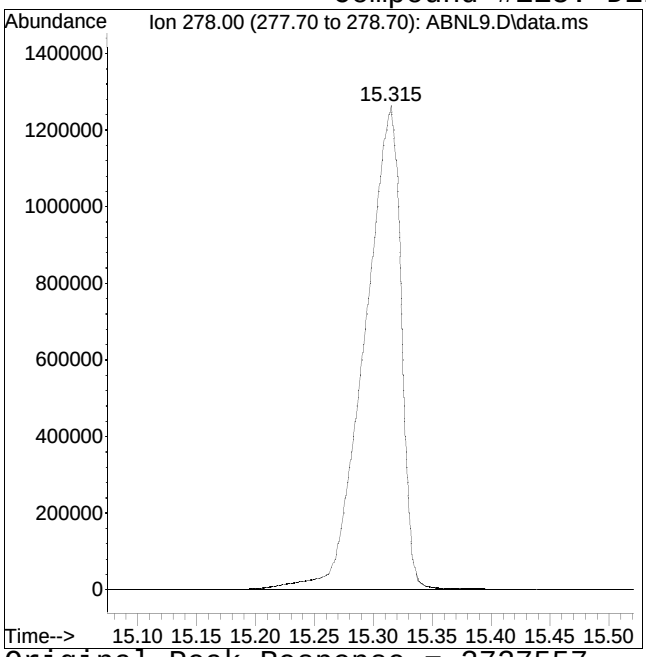
Sub List : ABNical - ABN ical sublistcal\ABNL7.D•



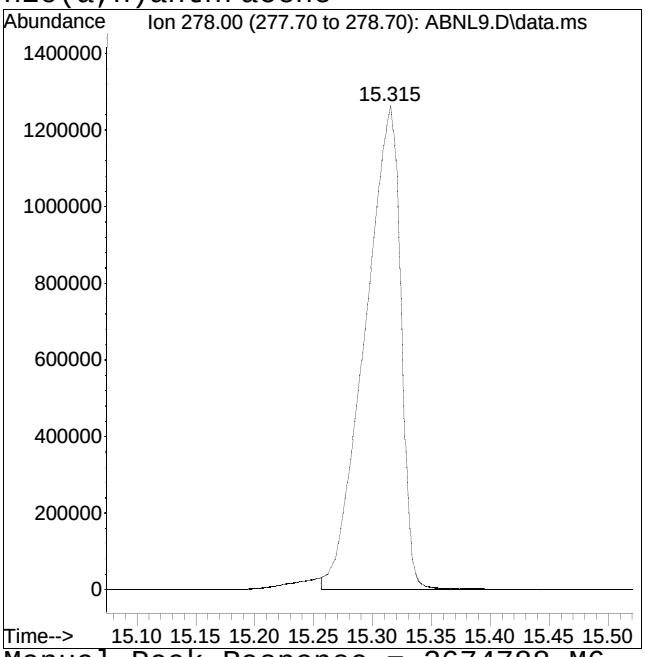
Manual Integration Report

Data Path : I:\8270\Juliet\250614ical\QMethod : FS250614Juliet.m
Data File : ABNL9.D Operator : Juliet:slr
Date Inj'd : 6/14/2025 1:29 pm Instrument : Juliet
Sample : IL2,32,,ABNL150 Lot# 11616Quant Date : 6/15/2025 5:54 pm

Compound #115: Dibenzo(a,h)anthracene



Original Peak Response = 2727557



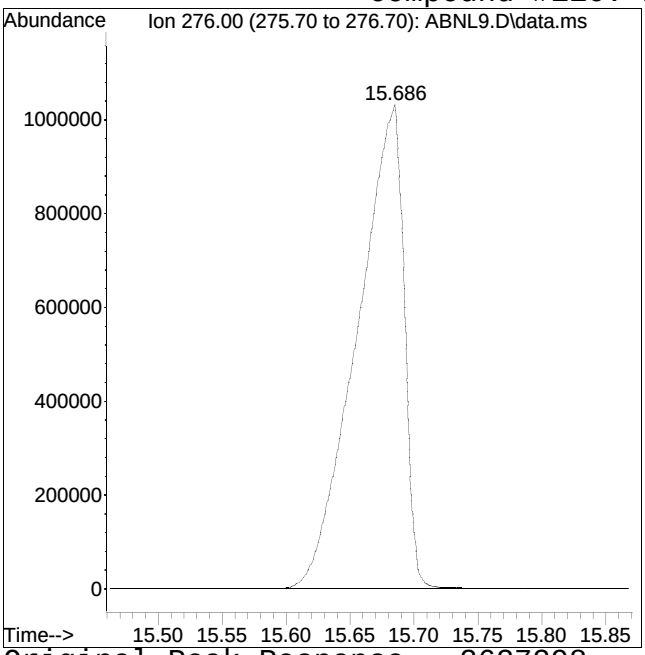
Manual Peak Response = 2674788 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

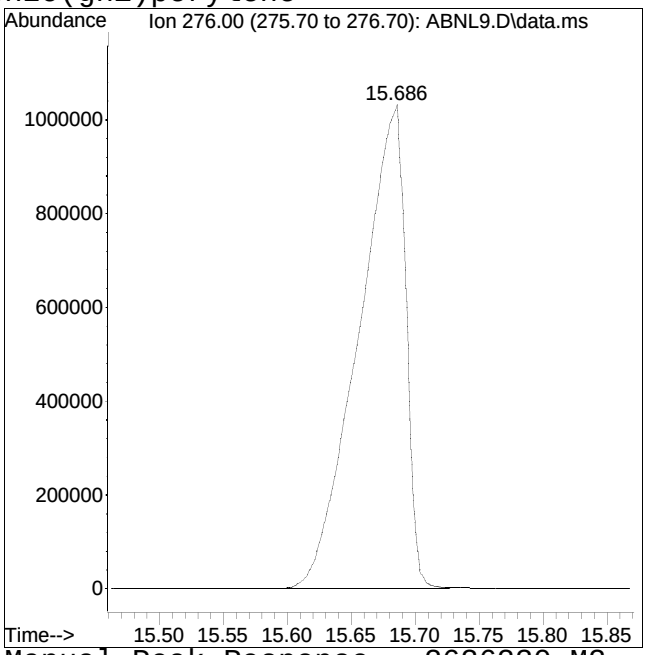
Manual Integration Report

Data Path : I:\8270\Juliet\250614ical\QMethod : FS250614Juliet.m
Data File : ABNL9.D Operator : Juliet:slr
Date Inj'd : 6/14/2025 1:29 pm Instrument : Juliet
Sample : IL2,32,,ABNL150 Lot# 11616Quant Date : 6/15/2025 5:54 pm

Compound #116: Benzo(ghi)perylene



Original Peak Response = 2627298



Manual Peak Response = 2626230 M2

M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL8.D
Acq On : 14 Jun 2025 1:52 pm
Operator : Juliet:slr
Sample : IL3,32,,ABNL100 Lot# 11617
Misc : WG2079414,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 16 11:29:53 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	4.287	152	97119	40.000	ug/ml	0.00
Standard Area 1 = 97643			Recovery = 99.46%			
35) IS1_Naphthalene-d8	5.392	136	360977	40.000	ug/ml	0.00
Standard Area 1 = 368530			Recovery = 97.95%			
63) IS1_Acenaphthene-d10	6.928	164	239295	40.000	ug/ml	0.00
Standard Area 1 = 259733			Recovery = 92.13%			
88) IS1_Phenanthrene-d10	8.222	188	509895	40.000	ug/ml #	0.00
Standard Area 1 = 571572			Recovery = 89.21%			
104) IS1_Chrysene-d12	11.104	240	569197	40.000	ug/ml #	0.00
Standard Area 1 = 663666			Recovery = 85.77%			
113) IS1_Perylene-d12	13.445	264	615806	40.000	ug/ml	0.00
Standard Area 1 = 740716			Recovery = 83.14%			
System Monitoring Compounds						
4) 2-Fluorophenol	3.198	112	236935	109.727	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 219.45%#			
7) Phenol-d6	3.981	99	292109	104.994	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 209.99%#			
19) Nitrobenzene-d5	4.763	82	270370	111.839	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 447.36%#			
46) 2-Fluorobiphenyl	6.345	172	920591	101.781	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 407.12%#			
79) 2,4,6-Tribromophenol	7.616	330	141890	103.071	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 206.14%#			
96) 4-Terphenyl-d14	9.751	244	1461901	104.015	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 416.06%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	2.175	74	135573	113.426	ug/ml#	71
3) Pyridine	2.204	79	241647	112.895	ug/ml	94
5) Aniline	4.010	93	374806	105.132	ug/ml#	85
6) 2-Chlorophenol	4.110	128	299760	107.819	ug/ml	94
8) Phenol	3.992	94	325461	104.866	ug/ml#	85
9) Bis(2-chloroethyl)ether	4.063	93	208355	103.928	ug/ml	93
10) 1,3-Dichlorobenzene	4.239	146	358303	104.831	ug/ml	96
11) 1,4-Dichlorobenzene	4.304	146	359640	103.688	ug/ml	96
12) 1,2-Dichlorobenzene	4.434	146	343161	102.513	ug/ml	96
13) Benzyl alcohol	4.410	79	216253	110.771	ug/ml	96
14) Bis(2-chloroisopropyl)...	4.534	45	314790	107.433	ug/ml#	70

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL8.D
Acq On : 14 Jun 2025 1:52 pm
Operator : Juliet:slr
Sample : IL3,32,,ABNL100 Lot# 11617
Misc : WG2079414,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 16 11:29:53 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	4.510	108	248125	107.454	ug/ml	99
16) Hexachloroethane	4.728	117	116290	106.820	ug/ml#	49
17) n-Nitrosodi-n-propylamine	4.645	70	178934	104.543	ug/ml	98
18) 3-Methylphenol/4-Methy...	4.651	108	260036	105.687	ug/ml	97
20) Nitrobenzene	4.781	77	263245	110.046	ug/ml	100
21) Isophorone	4.992	82	501234	105.860	ug/ml	97
22) 2-Nitrophenol	5.057	139	166853	124.113	ug/ml	94
23) 2,4-Dimethylphenol	5.110	107	285315	103.588	ug/ml	99
24) Bis(2-chloroethoxy)met...	5.186	93	305580	104.291	ug/ml	99
25) 2,4-Dichlorophenol	5.269	162	331658	105.999	ug/ml#	93
26) 1,2,4-Trichlorobenzene	5.345	180	387097	101.559	ug/ml#	97
36) Naphthalene	5.410	128	897110	103.073	ug/ml	99
37) Benzoic Acid	5.228	105	207248	125.379	ug/ml	99
38) 4-Chloroaniline	5.457	65	96228	109.568	ug/ml	86
39) Hexachlorobutadiene	5.534	225	253148	103.357	ug/ml	99
40) p-Chloro-m-cresol	5.892	107	263638	109.859	ug/ml	92
41) 2-Methylnaphthalene	6.016	142	607781	103.000	ug/ml	98
42) 1-Methylnaphthalene	6.098	115	194681	105.011	ug/ml	95
43) Hexachlorocyclopentadiene	6.163	237	311830	118.936	ug/ml	98
44) 2,4,6-Trichlorophenol	6.269	196	300187	107.849	ug/ml	100
45) 2,4,5-Trichlorophenol	6.292	196	312688	102.411	ug/ml	98
47) 2-Chloronaphthalene	6.439	162	736980	101.787	ug/ml	93
48) 2-Nitroaniline	6.533	138	213122	118.163	ug/ml	92
49) 1,4-Dinitrobenzene	6.645	168	102291	122.405	ug/ml	79
50) 1,3-Dinitrobenzene	6.716	168	114460	114.852	ug/ml	80
51) Dimethyl phthalate	6.710	163	866672	96.360	ug/ml	99
52) Acenaphthylene	6.804	152	1197407	100.436	ug/ml	99
53) 2,6-Dinitrotoluene	6.751	165	178796	110.228	ug/ml	91
54) 1,2-Dinitrobenzene	6.798	168	73124	113.066	ug/ml	86
64) 3-Nitroaniline	6.892	138	186237	114.610	ug/ml	92
65) Acenaphthene	6.957	154	641414	100.221	ug/ml	98
66) 2,4-Dinitrophenol	6.980	184	96349	126.246	ug/ml#	84
67) Dibenzofuran	7.110	168	1108807	102.398	ug/ml#	66
68) 2,4-Dinitrotoluene	7.098	165	254663	120.811	ug/ml#	79
69) 4-Nitrophenol	7.045	65	116883	114.462	ug/ml#	15
70) 2,3,5,6-Tetrachlorophenol	7.180	232	284674	111.546	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	7.216	232	278821	106.148	ug/ml	99
72) Diethyl phthalate	7.327	149	821951	103.030	ug/ml	97
73) Fluorene	7.404	166	878924	102.799	ug/ml	97
74) 4-Chlorophenyl phenyl ...	7.410	204	476016	102.571	ug/ml#	84

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL8.D
Acq On : 14 Jun 2025 1:52 pm
Operator : Juliet:slr
Sample : IL3,32,,ABNL100 Lot# 11617
Misc : WG2079414,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 16 11:29:53 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	7.433	138	187587	109.917	ug/ml	89
76)	4,6-Dinitro-o-cresol	7.457	198	141382	130.589	ug/ml#	82
77)	NDPA/DPA	7.516	169	751060	101.660	ug/ml	96
78)	Azobenzene	7.551	77	580124	106.955	ug/ml#	89
80)	4-Bromophenyl phenyl e...	7.839	248	292739	99.537	ug/ml	93
81)	Hexachlorobenzene	7.892	284	317577	97.181	ug/ml	95
82)	Pentachlorophenol	8.063	266	222756	123.249	ug/ml	99
89)	Phenanthrene	8.245	178	1377716	103.240	ug/ml	99
90)	Anthracene	8.286	178	1425656	105.293	ug/ml	99
91)	Carbazole	8.433	167	1329032	104.030	ug/ml	98
92)	Di-n-butylphthalate	8.757	149	1470417	110.349	ug/ml	98
93)	Fluoranthene	9.327	202	1938855	107.201	ug/ml#	92
94)	Benzidine	9.474	184	1218653	107.348	ug/ml#	95
95)	Pyrene	9.563	202	1971475	104.231	ug/ml	98
97)	Butyl benzyl phthalate	10.363	149	688566	114.864	ug/ml#	90
105)	Benzo(a)anthracene	11.092	228	2137833	107.632	ug/ml	99
106)	3,3'-Dichlorobenzidine	11.080	252	832068	114.221	ug/ml#	97
107)	Chrysene	11.145	228	1848978	104.284	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	11.233	149	994579	117.684	ug/ml	98
109)	Di-n-octylphthalate	12.315	149	1867882	127.200	ug/ml	97
110)	Benzo(b)fluoranthene	12.815	252	2058490	107.252	ug/ml#	95
111)	Benzo(k)fluoranthene	12.862	252	1946801	104.356	ug/ml#	91
112)	Benzo(a)pyrene	13.357	252	1894894	105.436	ug/ml#	93
114)	Indeno(1,2,3-cd)pyrene	15.239	276	1998057	111.792	ug/mL#	91
115)	Dibenzo(a,h)anthracene	15.298	278	1824973M6	107.101	ug/ml	
116)	Benzo(ghi)perylene	15.668	276	1812914	104.895	ug/ml#	90

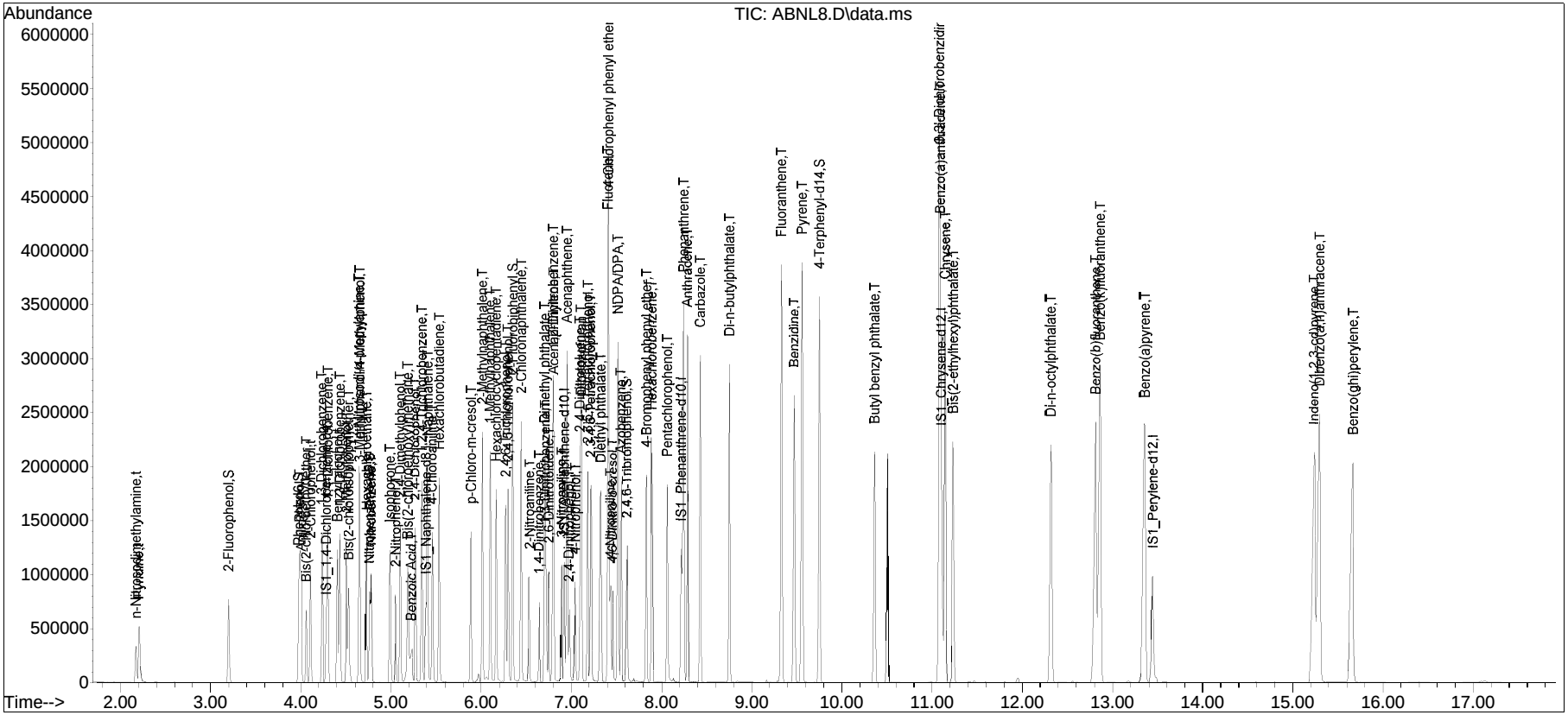
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL8.D
Acq On : 14 Jun 2025 1:52 pm
Operator : Juliet:slr
Sample : IL3,32,,ABNL100 Lot# 11617
Misc : WG2079414,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jun 16 11:29:53 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

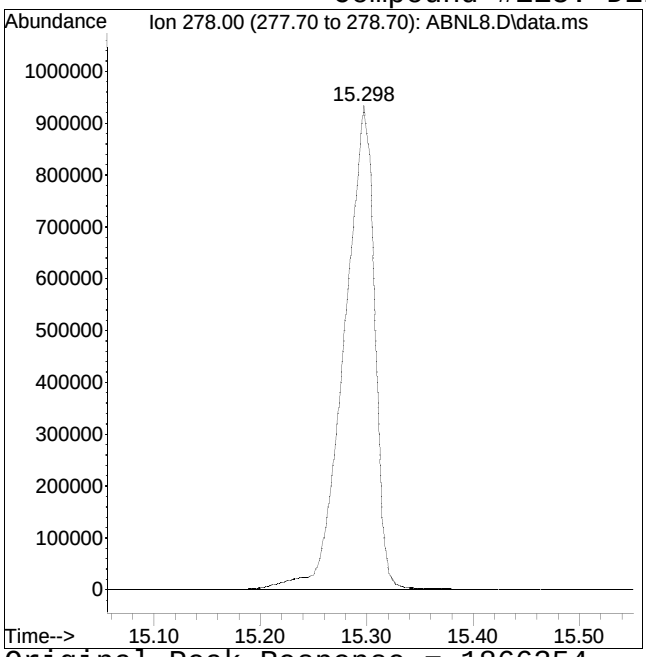
Sub List : ABNical - ABN ical sublistcal\ABNL7.D•



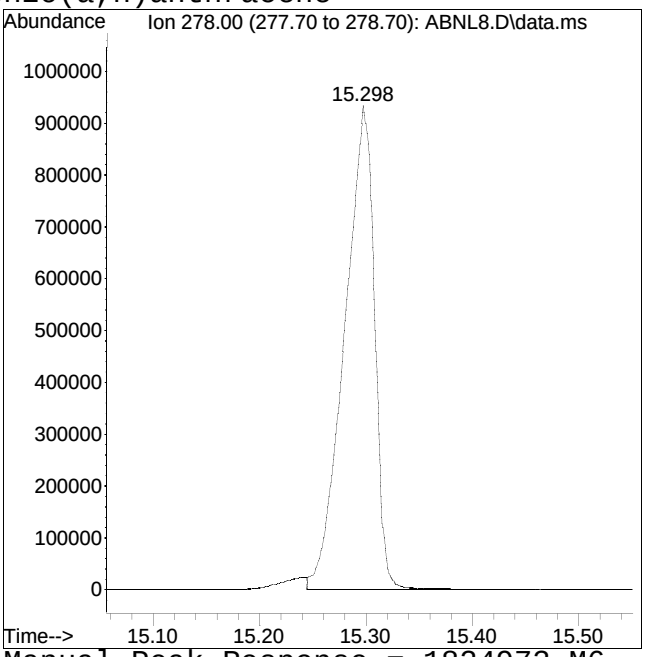
Manual Integration Report

Data Path : I:\8270\Juliet\250614ical\QMethod : FS250614Juliet.m
Data File : ABNL8.D Operator : Juliet:slr
Date Inj'd : 6/14/2025 1:52 pm Instrument : Juliet
Sample : IL3,32,,ABNL100 Lot# 11617Quant Date : 6/15/2025 5:53 pm

Compound #115: Dibenzo(a,h)anthracene



Original Peak Response = 1866354



Manual Peak Response = 1824973 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL7.D
Acq On : 14 Jun 2025 2:16 pm
Operator : Juliet:slr
Sample : IL4,32,,ABNL50 Lot# 11618
Misc : WG2079414,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 15 17:52:53 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	4.287	152	97643	40.000	ug/ml	0.00
Standard Area 1 = 97643			Recovery = 100.00%			
35) IS1_Naphthalene-d8	5.386	136	368530	40.000	ug/ml	0.00
Standard Area 1 = 368530			Recovery = 100.00%			
63) IS1_Acenaphthene-d10	6.928	164	259733	40.000	ug/ml	0.00
Standard Area 1 = 259733			Recovery = 100.00%			
88) IS1_Phenanthrene-d10	8.222	188	571572	40.000	ug/ml	# 0.00
Standard Area 1 = 571572			Recovery = 100.00%			
104) IS1_Chrysene-d12	11.098	240	663666	40.000	ug/ml	# 0.00
Standard Area 1 = 663666			Recovery = 100.00%			
113) IS1_Perylene-d12	13.439	264	740716	40.000	ug/ml	0.00
Standard Area 1 = 740716			Recovery = 100.00%			
System Monitoring Compounds						
4) 2-Fluorophenol	3.198	112	119563	55.074	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 110.15%#			
7) Phenol-d6	3.975	99	148073	52.937	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 105.87%			
19) Nitrobenzene-d5	4.763	82	134675	55.409	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 221.64%#			
46) 2-Fluorobiphenyl	6.339	172	485015	52.525	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 210.10%#			
79) 2,4,6-Tribromophenol	7.616	330	78091	52.263	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 104.53%			
96) 4-Terphenyl-d14	9.745	244	803805	51.020	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 204.08%#			

Target Compounds					Qvalue
2) n-Nitrosodimethylamine	2.169	74	67097	55.835 ug/ml#	73
3) Pyridine	2.204	79	116052	53.927 ug/ml	92
5) Aniline	4.004	93	191357	53.387 ug/ml#	85
6) 2-Chlorophenol	4.110	128	148141	52.998 ug/ml	94
8) Phenol	3.987	94	165248	52.959 ug/ml#	85
9) Bis(2-chloroethyl)ether	4.063	93	106698	52.936 ug/ml	92
10) 1,3-Dichlorobenzene	4.239	146	175034	50.936 ug/ml	97
11) 1,4-Dichlorobenzene	4.304	146	181140	51.944 ug/ml	96
12) 1,2-Dichlorobenzene	4.434	146	172941	51.386 ug/ml	96
13) Benzyl alcohol	4.404	79	109181	55.626 ug/ml	97
14) Bis(2-chloroisopropyl)...	4.534	45	154546	52.461 ug/ml#	73

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL7.D
Acq On : 14 Jun 2025 2:16 pm
Operator : Juliet:slr
Sample : IL4,32,,ABNL50 Lot# 11618
Misc : WG2079414,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 15 17:52:53 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	4.510	108	125433	54.029	ug/ml	98
16) Hexachloroethane	4.728	117	57645	52.667	ug/ml#	50
17) n-Nitrosodi-n-propylamine	4.639	70	89956	52.275	ug/ml	97
18) 3-Methylphenol/4-Methy...	4.645	108	133282	53.879	ug/ml	97
20) Nitrobenzene	4.781	77	129620	53.895	ug/ml	99
21) Isophorone	4.986	82	245235	51.515	ug/ml	98
22) 2-Nitrophenol	5.057	139	78589	58.144	ug/ml	93
23) 2,4-Dimethylphenol	5.104	107	149643	54.038	ug/ml	99
24) Bis(2-chloroethoxy)met...	5.186	93	153700	52.174	ug/ml#	98
25) 2,4-Dichlorophenol	5.269	162	169027	53.732	ug/ml#	92
26) 1,2,4-Trichlorobenzene	5.345	180	196689	51.327	ug/ml#	97
36) Naphthalene	5.404	128	465505	52.388	ug/ml	99
37) Benzoic Acid	5.204	105	100381	59.483	ug/ml	93
38) 4-Chloroaniline	5.457	65	49700	55.430	ug/ml	83
39) Hexachlorobutadiene	5.534	225	126734	50.683	ug/ml	99
40) p-Chloro-m-cresol	5.886	107	133675	54.561	ug/ml	91
41) 2-Methylnaphthalene	6.016	142	308999	51.292	ug/ml	99
42) 1-Methylnaphthalene	6.098	115	101201	53.469	ug/ml	97
43) Hexachlorocyclopentadiene	6.163	237	151342	56.541	ug/ml	98
44) 2,4,6-Trichlorophenol	6.263	196	158155	55.656	ug/ml	100
45) 2,4,5-Trichlorophenol	6.292	196	155271	49.812	ug/ml	98
47) 2-Chloronaphthalene	6.439	162	380302	51.448	ug/ml	93
48) 2-Nitroaniline	6.528	138	109580	59.510	ug/ml	93
49) 1,4-Dinitrobenzene	6.645	168	52841	61.935	ug/ml	80
50) 1,3-Dinitrobenzene	6.716	168	62449	61.378	ug/ml	80
51) Dimethyl phthalate	6.704	163	476482	51.891	ug/ml	98
52) Acenaphthylene	6.798	152	649300	53.346	ug/ml	99
53) 2,6-Dinitrotoluene	6.745	165	96381	58.201	ug/ml	90
54) 1,2-Dinitrobenzene	6.786	168	39780	60.248	ug/ml	87
64) 3-Nitroaniline	6.886	138	99978	56.685	ug/ml	94
65) Acenaphthene	6.951	154	362611	52.200	ug/ml	96
66) 2,4-Dinitrophenol	6.980	184	46281	55.870	ug/ml#	85
67) Dibenzofuran	7.104	168	589148	50.127	ug/ml#	67
68) 2,4-Dinitrotoluene	7.092	165	134732	58.887	ug/ml#	77
69) 4-Nitrophenol	7.039	65	61382	55.380	ug/ml#	16
70) 2,3,5,6-Tetrachlorophenol	7.180	232	149066	53.813	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	7.216	232	150129	52.657	ug/ml	99
72) Diethyl phthalate	7.322	149	434074	50.129	ug/ml	97
73) Fluorene	7.404	166	471253	50.781	ug/ml	98
74) 4-Chlorophenyl phenyl ...	7.410	204	257919	51.202	ug/ml#	84

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL7.D
Acq On : 14 Jun 2025 2:16 pm
Operator : Juliet:slr
Sample : IL4,32,,ABNL50 Lot# 11618
Misc : WG2079414,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 15 17:52:53 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	7.422	138	104369	56.343	ug/ml	87
76)	4,6-Dinitro-o-cresol	7.451	198	69652	59.272	ug/ml#	79
77)	NDPA/DPA	7.516	169	403239	50.286	ug/ml	97
78)	Azobenzene	7.545	77	311189	52.858	ug/ml#	88
80)	4-Bromophenyl phenyl e...	7.833	248	156224	48.939	ug/ml#	93
81)	Hexachlorobenzene	7.892	284	170417	48.046	ug/ml	95
82)	Pentachlorophenol	8.063	266	119640	60.987	ug/ml	99
89)	Phenanthrene	8.239	178	760895	50.865	ug/ml	98
90)	Anthracene	8.286	178	780702	51.438	ug/ml	99
91)	Carbazole	8.427	167	715640	49.972	ug/ml	98
92)	Di-n-butylphthalate	8.757	149	785311	52.575	ug/ml	98
93)	Fluoranthene	9.327	202	1041637	51.378	ug/ml#	91
94)	Benzidine	9.469	184	668705	52.548	ug/ml#	95
95)	Pyrene	9.557	202	1092929	51.547	ug/ml	98
97)	Butyl benzyl phthalate	10.363	149	381015	56.701	ug/ml#	89
105)	Benzo(a)anthracene	11.086	228	1191201	51.436	ug/ml	99
106)	3,3'-Dichlorobenzidine	11.074	252	454850	53.551	ug/ml#	96
107)	Chrysene	11.139	228	1053118	50.942	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	11.233	149	566525	57.492	ug/ml	97
109)	Di-n-octylphthalate	12.315	149	1024788	59.853	ug/ml	97
110)	Benzo(b)fluoranthene	12.804	252	1180765	52.764	ug/ml#	95
111)	Benzo(k)fluoranthene	12.851	252	1125289	51.734	ug/ml#	91
112)	Benzo(a)pyrene	13.345	252	1124168	53.648	ug/ml#	93
114)	Indeno(1,2,3-cd)pyrene	15.227	276	1149594	53.473	ug/mL#	90
115)	Dibenzo(a,h)anthracene	15.286	278	1090698M6	53.215	ug/ml	
116)	Benzo(ghi)perylene	15.650	276	1101616	52.991	ug/ml#	89

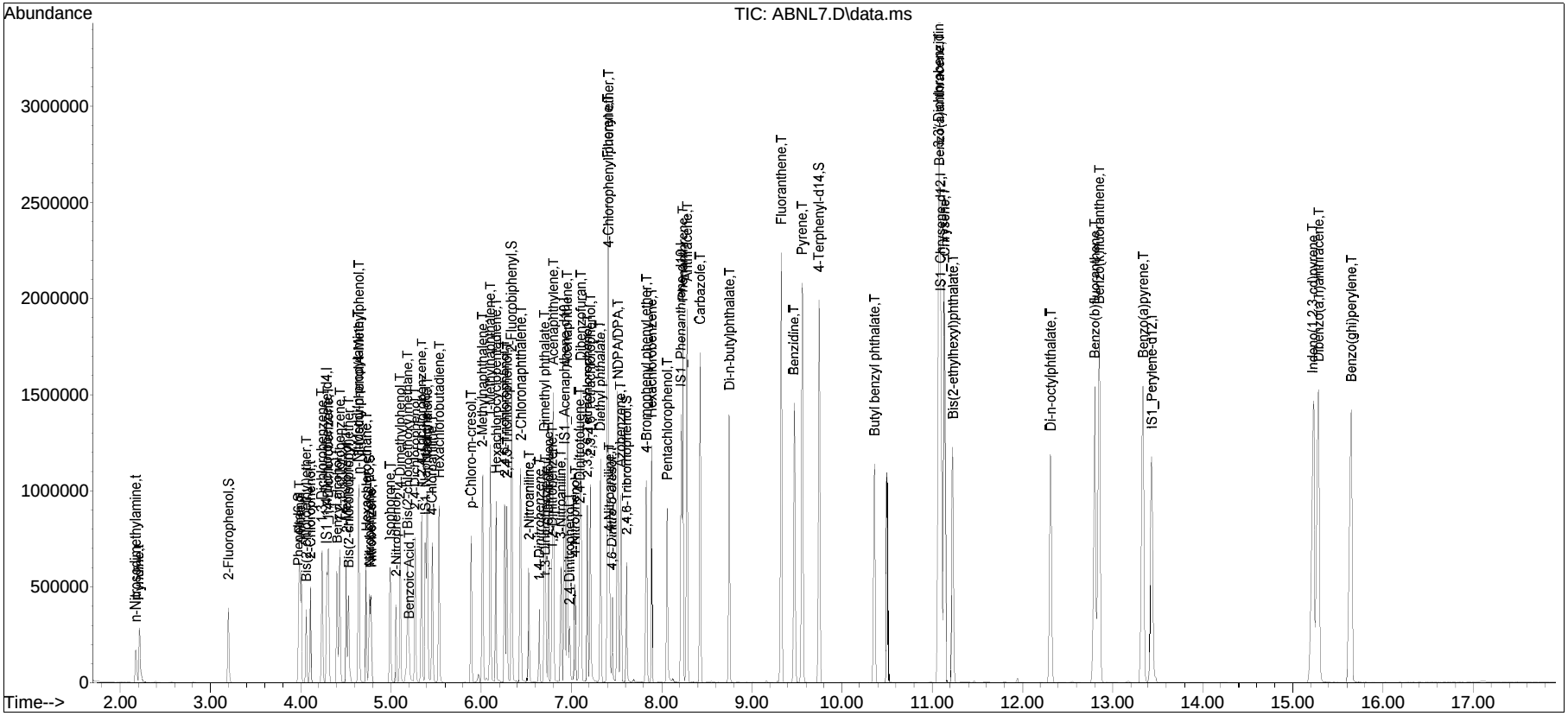
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL7.D
Acq On : 14 Jun 2025 2:16 pm
Operator : Juliet:slr
Sample : IL4,32,,ABNL50 Lot# 11618
Misc : WG2079414,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 15 17:52:53 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

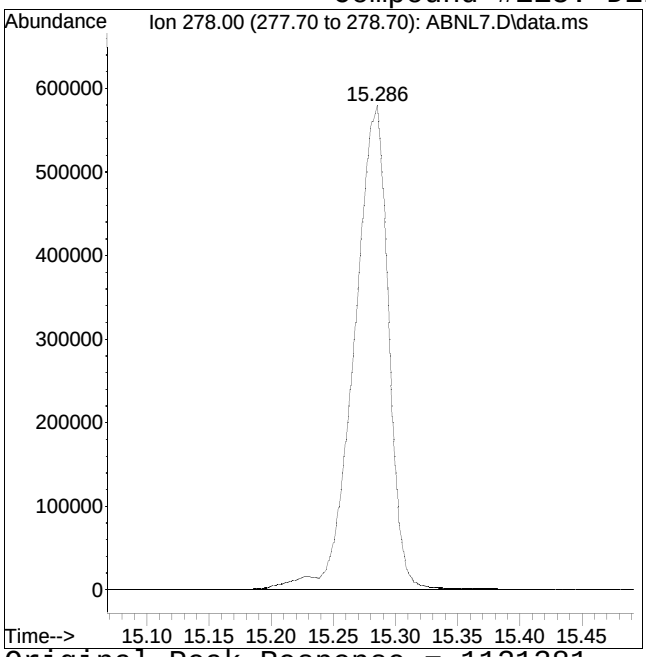
Sub List : ABNical - ABN ical sublistcal\ABNL7.D•



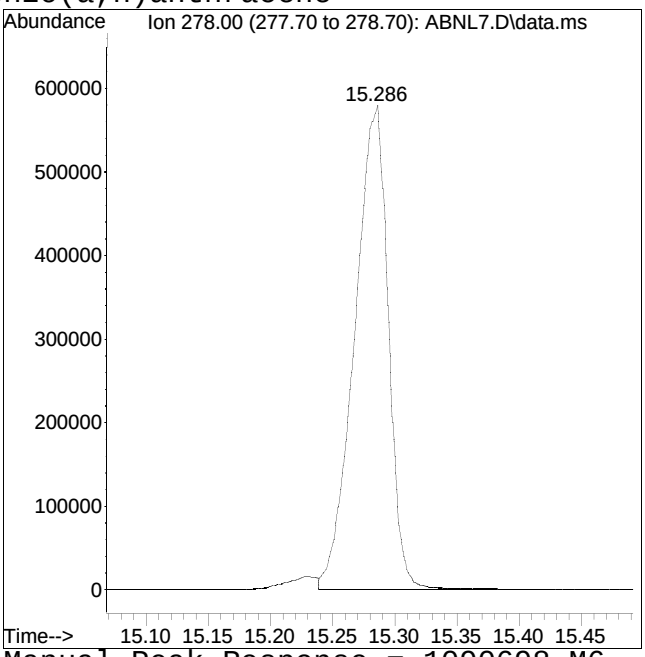
Manual Integration Report

Data Path : I:\8270\Juliet\250614ical\QMethod : FS250614Juliet.m
Data File : ABNL7.D Operator : Juliet:slr
Date Inj'd : 6/14/2025 2:16 pm Instrument : Juliet
Sample : IL4,32,,ABNL50 Lot# 11618 Quant Date : 6/15/2025 5:53 pm

Compound #115: Dibenzo(a,h)anthracene



Original Peak Response = 1121381



Manual Peak Response = 1090698 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL6.D
Acq On : 14 Jun 2025 2:39 pm
Operator : Juliet:slr
Sample : IL5,32,,ABNL25 Lot# 11619
Misc : WG2079414,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 15 17:52:44 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	4.287	152	93421	40.000 ug/ml	0.00
Standard Area 1 = 97643			Recovery = 95.68%		
35) IS1_Naphthalene-d8	5.387	136	354224	40.000 ug/ml	0.00
Standard Area 1 = 368530			Recovery = 96.12%		
63) IS1_Acenaphthene-d10	6.922	164	244481	40.000 ug/ml	0.00
Standard Area 1 = 259733			Recovery = 94.13%		
88) IS1_Phenanthrene-d10	8.222	188	549506	40.000 ug/ml #	0.00
Standard Area 1 = 571572			Recovery = 96.14%		
104) IS1_Chrysene-d12	11.092	240	633808	40.000 ug/ml #	0.00
Standard Area 1 = 663666			Recovery = 95.50%		
113) IS1_Perylene-d12	13.433	264	704495	40.000 ug/ml	0.00
Standard Area 1 = 740716			Recovery = 95.11%		
System Monitoring Compounds					
4) 2-Fluorophenol	3.199	112	57747	27.802 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 55.60%		
7) Phenol-d6	3.975	99	73593	27.499 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 55.00%		
19) Nitrobenzene-d5	4.763	82	65921	28.348 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 113.39%		
46) 2-Fluorobiphenyl	6.340	172	245160	27.622 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 110.49%		
79) 2,4,6-Tribromophenol	7.610	330	39470	28.064 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 56.13%		
96) 4-Terphenyl-d14	9.745	244	406863	26.862 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.45%		
Target Compounds					Qvalue
2) n-Nitrosodimethylamine	2.169	74	31267	27.195 ug/ml#	71
3) Pyridine	2.210	79	57542	27.947 ug/ml	94
5) Aniline	4.004	93	95802	27.936 ug/ml#	85
6) 2-Chlorophenol	4.104	128	74871	27.996 ug/ml	95
8) Phenol	3.987	94	83101	27.836 ug/ml#	86
9) Bis(2-chloroethyl)ether	4.063	93	53139	27.555 ug/ml	94
10) 1,3-Dichlorobenzene	4.240	146	88756	26.996 ug/ml	96
11) 1,4-Dichlorobenzene	4.304	146	91437	27.406 ug/ml	97
12) 1,2-Dichlorobenzene	4.434	146	87763	27.255 ug/ml	95
13) Benzyl alcohol	4.404	79	53764	28.630 ug/ml	97
14) Bis(2-chloroisopropyl)...	4.534	45	79196	28.098 ug/ml#	72

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL6.D
Acq On : 14 Jun 2025 2:39 pm
Operator : Juliet:slr
Sample : IL5,32,,ABNL25 Lot# 11619
Misc : WG2079414,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 15 17:52:44 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
15) 2-Methylphenol	4.510	108	63625	28.644	ug/ml		98
16) Hexachloroethane	4.728	117	28371	27.092	ug/ml	#	44
17) n-Nitrosodi-n-propylamine	4.640	70	45586	27.688	ug/ml		96
18) 3-Methylphenol/4-Methy...	4.640	108	67540	28.537	ug/ml		98
20) Nitrobenzene	4.775	77	65107	28.294	ug/ml		100
21) Isophorone	4.987	82	128861	28.293	ug/ml		97
22) 2-Nitrophenol	5.057	139	38174	29.520	ug/ml		94
23) 2,4-Dimethylphenol	5.104	107	74164	27.992	ug/ml		98
24) Bis(2-chloroethoxy)met...	5.187	93	78803	27.959	ug/ml	#	97
25) 2,4-Dichlorophenol	5.269	162	84240	27.989	ug/ml	#	93
26) 1,2,4-Trichlorobenzene	5.340	180	100487	27.408	ug/ml	#	97
36) Naphthalene	5.404	128	232313	27.200	ug/ml		98
37) Benzoic Acid	5.181	105	40388	24.899	ug/ml		94
38) 4-Chloroaniline	5.457	65	25014	29.025	ug/ml		84
39) Hexachlorobutadiene	5.528	225	63693	26.501	ug/ml		99
40) p-Chloro-m-cresol	5.887	107	65119	27.653	ug/ml		90
41) 2-Methylnaphthalene	6.010	142	154684	26.714	ug/ml		98
42) 1-Methylnaphthalene	6.098	115	50373	27.689	ug/ml		93
43) Hexachlorocyclopentadiene	6.163	237	73192	28.449	ug/ml		99
44) 2,4,6-Trichlorophenol	6.263	196	76157	27.883	ug/ml		99
45) 2,4,5-Trichlorophenol	6.292	196	84659	28.256	ug/ml		98
47) 2-Chloronaphthalene	6.434	162	194328	27.351	ug/ml		93
48) 2-Nitroaniline	6.528	138	52009	29.386	ug/ml		91
49) 1,4-Dinitrobenzene	6.639	168	24740	30.169	ug/ml		79
50) 1,3-Dinitrobenzene	6.710	168	29691	30.361	ug/ml		81
51) Dimethyl phthalate	6.698	163	238789	27.056	ug/ml		99
52) Acenaphthylene	6.798	152	326024	27.868	ug/ml		99
53) 2,6-Dinitrotoluene	6.739	165	47846	30.060	ug/ml		90
54) 1,2-Dinitrobenzene	6.787	168	19207	30.265	ug/ml		85
64) 3-Nitroaniline	6.887	138	49959	30.093	ug/ml		91
65) Acenaphthene	6.951	154	179346	27.428	ug/ml		96
66) 2,4-Dinitrophenol	6.975	184	18885	24.220	ug/ml	#	86
67) Dibenzofuran	7.104	168	301163	27.222	ug/ml	#	66
68) 2,4-Dinitrotoluene	7.092	165	64794	30.086	ug/ml	#	80
69) 4-Nitrophenol	7.034	65	30148	28.897	ug/ml	#	16
70) 2,3,5,6-Tetrachlorophenol	7.175	232	76012	29.152	ug/ml		99
71) 2,3,4,6-Tetrachlorophenol	7.216	232	74051	27.593	ug/ml		99
72) Diethyl phthalate	7.316	149	224217	27.509	ug/ml		96
73) Fluorene	7.404	166	239281	27.393	ug/ml		98
74) 4-Chlorophenyl phenyl ...	7.410	204	129580	27.329	ug/ml	#	84

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL6.D
Acq On : 14 Jun 2025 2:39 pm
Operator : Juliet:slr
Sample : IL5,32,,ABNL25 Lot# 11619
Misc : WG2079414,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 15 17:52:44 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	7.416	138	51601	29.594	ug/ml	86
76)	4,6-Dinitro-o-cresol	7.445	198	30811	27.855	ug/ml#	80
77)	NDPA/DPA	7.510	169	204567	27.102	ug/ml	97
78)	Azobenzene	7.545	77	153893	27.771	ug/ml#	88
80)	4-Bromophenyl phenyl e...	7.834	248	82289	27.386	ug/ml#	92
81)	Hexachlorobenzene	7.886	284	87474	26.200	ug/ml	95
82)	Pentachlorophenol	8.063	266	58159	31.496	ug/ml	97
89)	Phenanthrene	8.239	178	385905	26.834	ug/ml	98
90)	Anthracene	8.286	178	393928	26.997	ug/ml	99
91)	Carbazole	8.428	167	375310	27.260	ug/ml	98
92)	Di-n-butylphthalate	8.751	149	402072	27.999	ug/ml	97
93)	Fluoranthene	9.322	202	525275	26.949	ug/ml#	91
94)	Benzidine	9.469	184	338231	27.646	ug/ml#	95
95)	Pyrene	9.557	202	552913	27.125	ug/ml	97
97)	Butyl benzyl phthalate	10.357	149	186493	28.868	ug/ml#	89
105)	Benzo(a)anthracene	11.080	228	585271	26.462	ug/ml	99
106)	3,3'-Dichlorobenzidine	11.069	252	222052	27.374	ug/ml#	97
107)	Chrysene	11.133	228	540373	27.371	ug/ml	97
108)	Bis(2-ethylhexyl)phtha...	11.227	149	280102	29.765	ug/ml	98
109)	Di-n-octylphthalate	12.310	149	477157	29.181	ug/ml	97
110)	Benzo(b)fluoranthene	12.792	252	579711	27.125	ug/ml#	95
111)	Benzo(k)fluoranthene	12.839	252	584661	28.145	ug/ml#	90
112)	Benzo(a)pyrene	13.333	252	555474	27.757	ug/ml#	93
114)	Indeno(1,2,3-cd)pyrene	15.215	276	565080	27.636	ug/mL#	90
115)	Dibenzo(a,h)anthracene	15.268	278	539555	27.678	ug/ml#	94
116)	Benzo(ghi)perylene	15.633	276	559545	28.300	ug/ml#	89

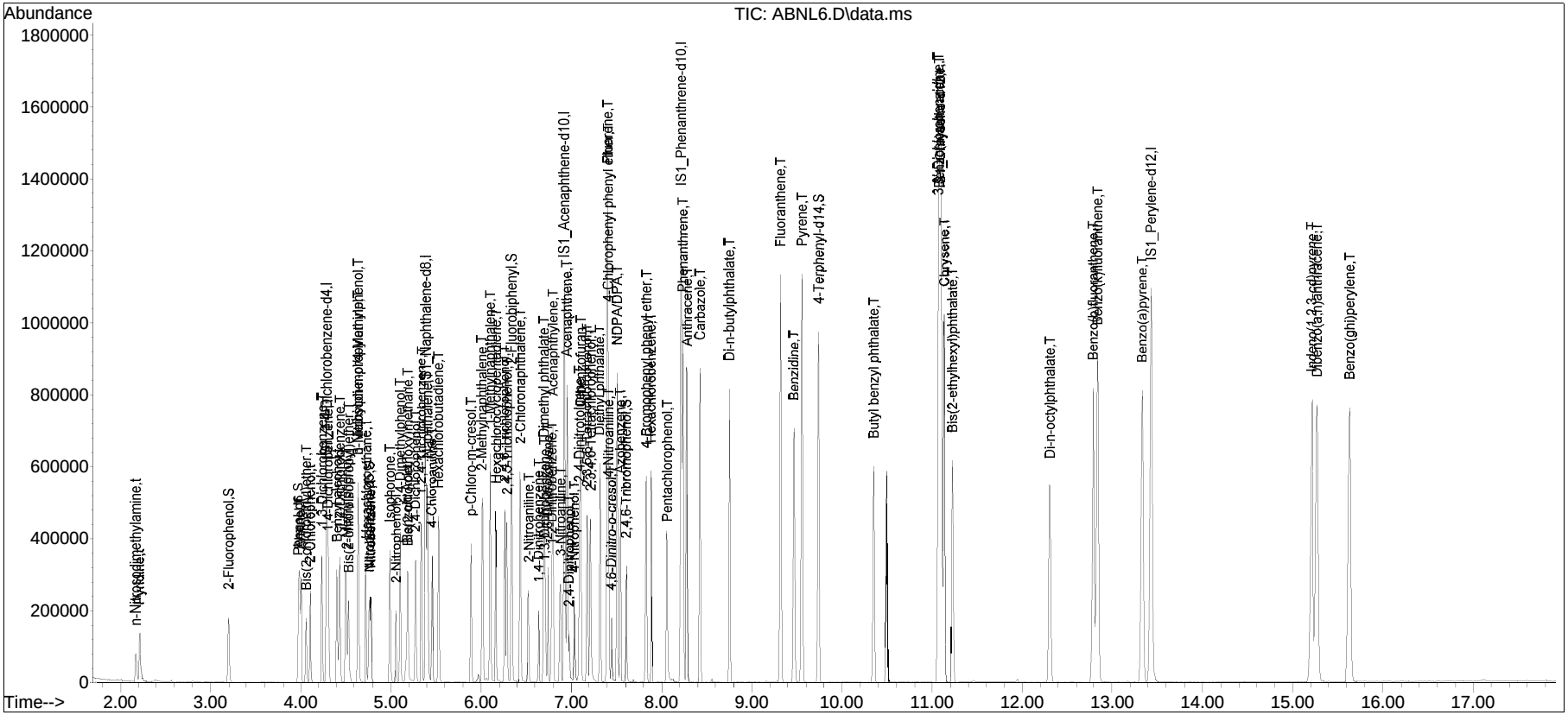
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL6.D
Acq On : 14 Jun 2025 2:39 pm
Operator : Juliet:slr
Sample : IL5,32,,ABNL25 Lot# 11619
Misc : WG2079414,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 15 17:52:44 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublistcal\ABNL7.D•



Manual Integration Report

Data Path	: I:\8270\Juliet\250614ical\	QMethod	: FS250614Juliet.m
Data File	: ABNL6.D	Operator	: Juliet:slr
Date Inj'd	: 6/14/2025 2:39 pm	Instrument	: Juliet
Sample	: IL5,32,,ABNL25 Lot# 11619	Quant Date	: 6/15/2025 5:53 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL5.D
Acq On : 14 Jun 2025 3:03 pm
Operator : Juliet:slr
Sample : IL6,32,,ABNL10 Lot# 11620
Misc : WG2079414,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 15 17:52:35 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	4.287	152	84345	40.000 ug/ml	0.00
Standard Area 1 = 97643			Recovery = 86.38%		
35) IS1_Naphthalene-d8	5.387	136	322275	40.000 ug/ml	0.00
Standard Area 1 = 368530			Recovery = 87.45%		
63) IS1_Acenaphthene-d10	6.922	164	222371	40.000 ug/ml	0.00
Standard Area 1 = 259733			Recovery = 85.62%		
88) IS1_Phenanthrene-d10	8.216	188	521270	40.000 ug/ml	# 0.00
Standard Area 1 = 571572			Recovery = 91.20%		
104) IS1_Chrysene-d12	11.092	240	646605	40.000 ug/ml	# 0.00
Standard Area 1 = 663666			Recovery = 97.43%		
113) IS1_Perylene-d12	13.433	264	727094	40.000 ug/ml	0.00
Standard Area 1 = 740716			Recovery = 98.16%		
System Monitoring Compounds					
4) 2-Fluorophenol	3.198	112	22504	12.000 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 24.00%		
7) Phenol-d6	3.975	99	29130	12.056 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 24.11%		
19) Nitrobenzene-d5	4.757	82	24926	11.872 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 47.49%		
46) 2-Fluorobiphenyl	6.339	172	97705	12.100 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 48.40%		
79) 2,4,6-Tribromophenol	7.610	330	15792	12.345 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 24.69%		
96) 4-Terphenyl-d14	9.745	244	173041	12.043 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 48.17%		
Target Compounds					Qvalue
2) n-Nitrosodimethylamine	2.175	74	12826	12.356 ug/ml#	72
3) Pyridine	2.210	79	22213	11.949 ug/ml	96
5) Aniline	4.004	93	37451	12.096 ug/ml#	87
6) 2-Chlorophenol	4.104	128	27893	11.552 ug/ml	94
8) Phenol	3.987	94	33066	12.268 ug/ml#	88
9) Bis(2-chloroethyl)ether	4.063	93	20254	11.633 ug/ml	96
10) 1,3-Dichlorobenzene	4.240	146	34736	11.702 ug/ml	95
11) 1,4-Dichlorobenzene	4.304	146	34729	11.529 ug/ml	96
12) 1,2-Dichlorobenzene	4.434	146	34798	11.970 ug/ml	96
13) Benzyl alcohol	4.404	79	20601	12.151 ug/ml	97
14) Bis(2-chloroisopropyl)...	4.534	45	30112	11.833 ug/ml#	72

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL5.D
Acq On : 14 Jun 2025 3:03 pm
Operator : Juliet:slr
Sample : IL6,32,,ABNL10 Lot# 11620
Misc : WG2079414,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 15 17:52:35 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
15) 2-Methylphenol	4.504	108	24218	12.076	ug/ml		98
16) Hexachloroethane	4.728	117	10839	11.464	ug/ml	#	44
17) n-Nitrosodi-n-propylamine	4.640	70	17884	12.031	ug/ml		96
18) 3-Methylphenol/4-Methy...	4.640	108	26201	12.262	ug/ml		98
20) Nitrobenzene	4.775	77	24884	11.978	ug/ml		98
21) Isophorone	4.987	82	50099	12.183	ug/ml		96
22) 2-Nitrophenol	5.057	139	13830	11.845	ug/ml		92
23) 2,4-Dimethylphenol	5.104	107	28779	12.031	ug/ml		98
24) Bis(2-chloroethoxy)met...	5.187	93	29745	11.689	ug/ml		98
25) 2,4-Dichlorophenol	5.269	162	33045	12.161	ug/ml	#	93
26) 1,2,4-Trichlorobenzene	5.339	180	39055	11.798	ug/ml	#	96
36) Naphthalene	5.404	128	93080	11.979	ug/ml		98
37) Benzoic Acid	5.163	105	9312M1	6.310	ug/ml		
38) 4-Chloroaniline	5.457	65	8823	11.253	ug/ml	#	70
39) Hexachlorobutadiene	5.534	225	25439	11.634	ug/ml		99
40) p-Chloro-m-cresol	5.887	107	25974	12.123	ug/ml		89
41) 2-Methylnaphthalene	6.010	142	60591	11.501	ug/ml		97
42) 1-Methylnaphthalene	6.098	115	19716	11.912	ug/ml		94
43) Hexachlorocyclopentadiene	6.163	237	27234	11.635	ug/ml		99
44) 2,4,6-Trichlorophenol	6.263	196	29594	11.909	ug/ml		99
45) 2,4,5-Trichlorophenol	6.292	196	32742	12.011	ug/ml		99
47) 2-Chloronaphthalene	6.434	162	77322	11.962	ug/ml	#	92
48) 2-Nitroaniline	6.528	138	19966	12.399	ug/ml		94
49) 1,4-Dinitrobenzene	6.639	168	8969	12.021	ug/ml		79
50) 1,3-Dinitrobenzene	6.710	168	11016	12.381	ug/ml		83
51) Dimethyl phthalate	6.698	163	96021	11.958	ug/ml		99
52) Acenaphthylene	6.798	152	129123	12.131	ug/ml		99
53) 2,6-Dinitrotoluene	6.739	165	18060	12.471	ug/ml		89
54) 1,2-Dinitrobenzene	6.781	168	7388	12.795	ug/ml		84
64) 3-Nitroaniline	6.881	138	18945	12.546	ug/ml		93
65) Acenaphthene	6.951	154	72549	12.199	ug/ml		97
66) 2,4-Dinitrophenol	6.975	184	6523	9.198	ug/ml	#	81
67) Dibenzofuran	7.104	168	119932	11.919	ug/ml	#	68
68) 2,4-Dinitrotoluene	7.092	165	24467	12.490	ug/ml	#	84
69) 4-Nitrophenol	7.034	65	11982	12.627	ug/ml	#	18
70) 2,3,5,6-Tetrachlorophenol	7.175	232	28048	11.827	ug/ml		99
71) 2,3,4,6-Tetrachlorophenol	7.216	232	29666	12.153	ug/ml		99
72) Diethyl phthalate	7.316	149	89990	12.139	ug/ml		96
73) Fluorene	7.404	166	97651	12.291	ug/ml		99
74) 4-Chlorophenyl phenyl ...	7.410	204	52438	12.159	ug/ml	#	84

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL5.D
Acq On : 14 Jun 2025 3:03 pm
Operator : Juliet:slr
Sample : IL6,32,,ABNL10 Lot# 11620
Misc : WG2079414,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 15 17:52:35 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	7.416	138	20571	12.971	ug/ml	88
76)	4,6-Dinitro-o-cresol	7.445	198	10221	10.159	ug/ml#	82
77)	NDPA/DPA	7.510	169	86105	12.542	ug/ml	98
78)	Azobenzene	7.545	77	61766	12.254	ug/ml#	88
80)	4-Bromophenyl phenyl e...	7.833	248	33085	12.106	ug/ml#	92
81)	Hexachlorobenzene	7.886	284	37131	12.227	ug/ml	96
82)	Pentachlorophenol	8.063	266	22884	13.625	ug/ml	97
89)	Phenanthrene	8.239	178	154976	11.360	ug/ml	98
90)	Anthracene	8.280	178	159278	11.507	ug/ml	99
91)	Carbazole	8.428	167	156600	11.990	ug/ml	98
92)	Di-n-butylphthalate	8.751	149	160224	11.762	ug/ml	98
93)	Fluoranthene	9.322	202	217921	11.786	ug/ml#	90
94)	Benzidine	9.463	184	143619	12.375	ug/ml#	95
95)	Pyrene	9.557	202	232182	12.007	ug/ml	97
97)	Butyl benzyl phthalate	10.357	149	75031	12.243	ug/ml#	88
105)	Benzo(a)anthracene	11.080	228	258722	11.466	ug/ml	99
106)	3,3'-Dichlorobenzidine	11.069	252	95554	11.547	ug/ml#	98
107)	Chrysene	11.127	228	231682	11.503	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	11.227	149	116549	12.140	ug/ml	98
109)	Di-n-octylphthalate	12.310	149	198173	11.880	ug/ml	97
110)	Benzo(b)fluoranthene	12.792	252	262506	12.040	ug/ml#	93
111)	Benzo(k)fluoranthene	12.833	252	244204	11.523	ug/ml#	92
112)	Benzo(a)pyrene	13.327	252	242330	11.870	ug/ml#	93
114)	Indeno(1,2,3-cd)pyrene	15.209	276	249814	11.838	ug/mL#	89
115)	Dibenzo(a,h)anthracene	15.268	278	243320	12.094	ug/ml#	93
116)	Benzo(ghi)perylene	15.627	276	249918	12.247	ug/ml#	90

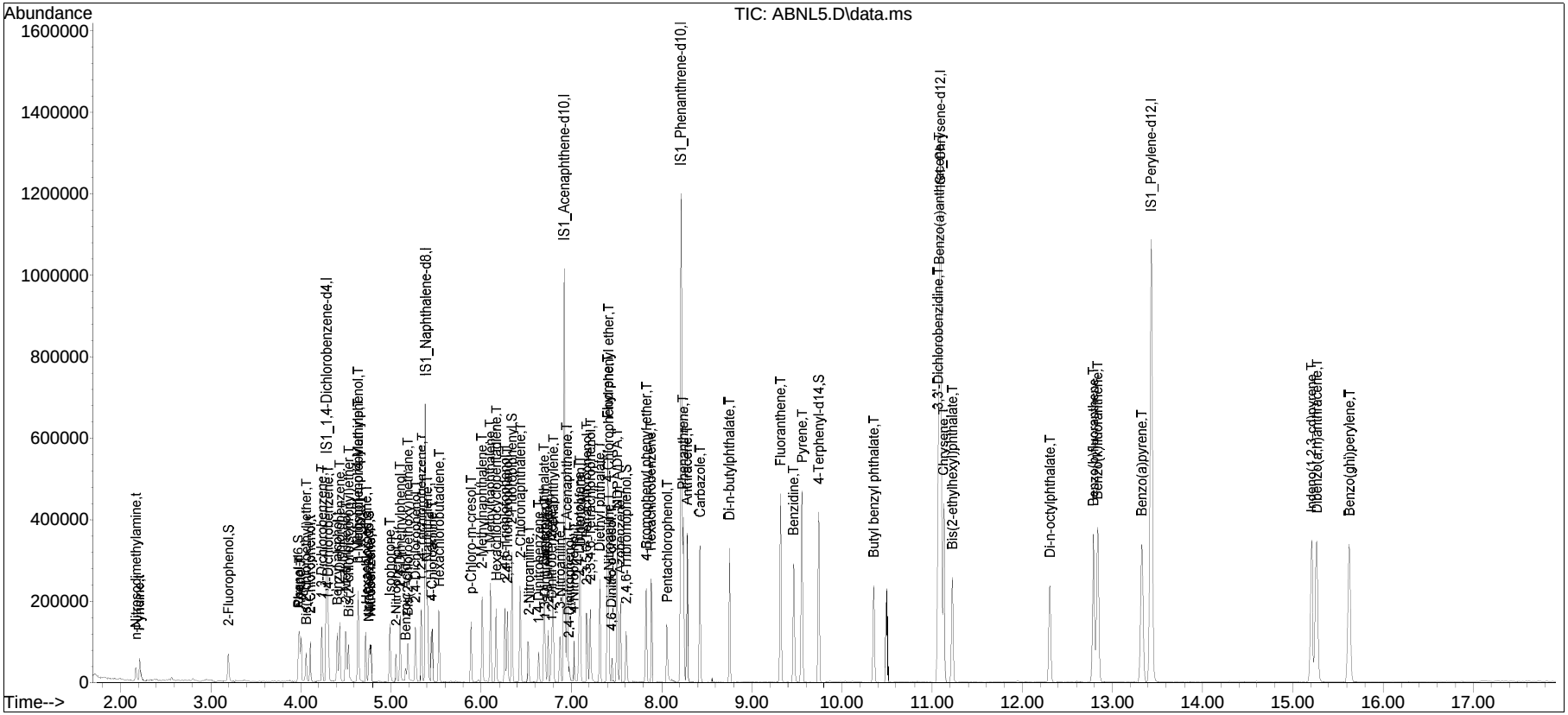
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL5.D
Acq On : 14 Jun 2025 3:03 pm
Operator : Juliet:slr
Sample : IL6,32,,ABNL10 Lot# 11620
Misc : WG2079414,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 15 17:52:35 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

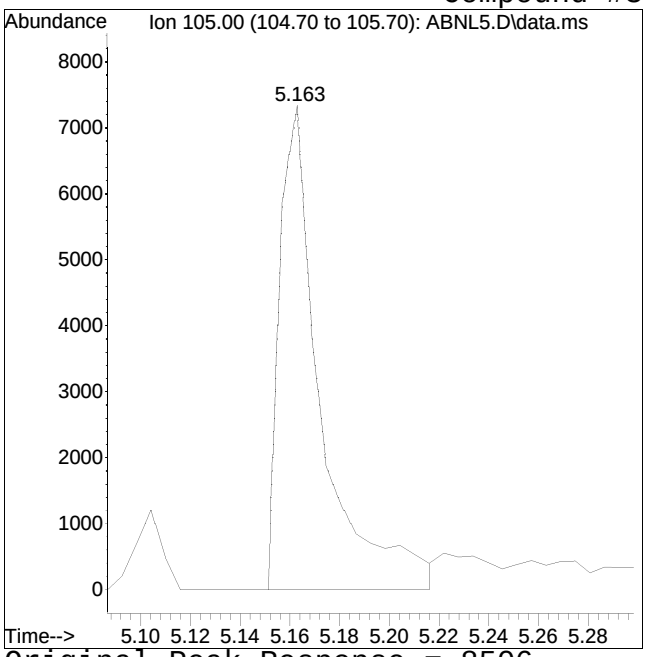
Sub List : ABNical - ABN ical sublistcal\ABNL7.D•



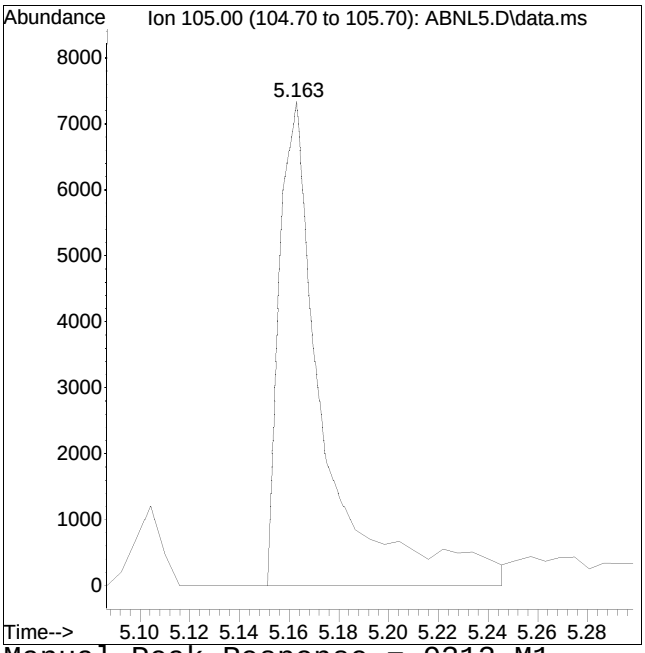
Manual Integration Report

Data Path : I:\8270\Juliet\250614ical\QMethod : FS250614Juliet.m
Data File : ABNL5.D Operator : Juliet:slr
Date Inj'd : 6/14/2025 3:03 pm Instrument : Juliet
Sample : IL6,32,,ABNL10 Lot# 11620 Quant Date : 6/15/2025 5:53 pm

Compound #37: Benzoic Acid



Original Peak Response = 8506



Manual Peak Response = 9312 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL4.D
Acq On : 14 Jun 2025 3:27 pm
Operator : Juliet:slr
Sample : IL7,32,,ABNL5 Lot# 11621
Misc : WG2079414,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 15 17:52:26 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	4.287	152	97527	40.000 ug/ml	0.00
Standard Area 1 = 97643			Recovery = 99.88%		
35) IS1_Naphthalene-d8	5.387	136	363013	40.000 ug/ml	0.00
Standard Area 1 = 368530			Recovery = 98.50%		
63) IS1_Acenaphthene-d10	6.922	164	261977	40.000 ug/ml	0.00
Standard Area 1 = 259733			Recovery = 100.86%		
88) IS1_Phenanthrene-d10	8.222	188	590283	40.000 ug/ml	# 0.00
Standard Area 1 = 571572			Recovery = 103.27%		
104) IS1_Chrysene-d12	11.092	240	719846	40.000 ug/ml	# 0.00
Standard Area 1 = 663666			Recovery = 108.47%		
113) IS1_Perylene-d12	13.433	264	836722	40.000 ug/ml	0.00
Standard Area 1 = 740716			Recovery = 112.96%		
System Monitoring Compounds					
4) 2-Fluorophenol	3.199	112	11242	5.185 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 10.37%#		
7) Phenol-d6	3.975	99	13889	4.971 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 9.94%#		
19) Nitrobenzene-d5	4.757	82	12308	5.070 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 20.28%#		
46) 2-Fluorobiphenyl	6.340	172	47460	5.218 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 20.87%#		
79) 2,4,6-Tribromophenol	7.610	330	8150	5.408 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 10.82%#		
96) 4-Terphenyl-d14	9.745	244	83934	5.159 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 20.64%#		
Target Compounds					Qvalue
2) n-Nitrosodimethylamine	2.175	74	6455	5.378 ug/ml#	70
3) Pyridine	2.216	79	10724	4.989 ug/ml	93
5) Aniline	4.004	93	18192	5.081 ug/ml#	60
6) 2-Chlorophenol	4.104	128	14662	5.252 ug/ml	92
8) Phenol	3.987	94	16290	5.227 ug/ml#	55
9) Bis(2-chloroethyl)ether	4.063	93	10262	5.097 ug/ml	92
10) 1,3-Dichlorobenzene	4.240	146	17989	5.241 ug/ml	95
11) 1,4-Dichlorobenzene	4.304	146	18430	5.291 ug/ml	97
12) 1,2-Dichlorobenzene	4.434	146	17790	5.292 ug/ml	96
13) Benzyl alcohol	4.404	79	9938	5.069 ug/ml	95
14) Bis(2-chloroisopropyl)...	4.534	45	15756	5.355 ug/ml#	72

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL4.D
Acq On : 14 Jun 2025 3:27 pm
Operator : Juliet:slr
Sample : IL7,32,,ABNL5 Lot# 11621
Misc : WG2079414,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 15 17:52:26 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	4.504	108	12307	5.307	ug/ml	97
16) Hexachloroethane	4.728	117	5824	5.327	ug/ml#	51
17) n-Nitrosodi-n-propylamine	4.640	70	9458	5.503	ug/ml#	93
18) 3-Methylphenol/4-Methy...	4.640	108	12878	5.212	ug/ml	95
20) Nitrobenzene	4.775	77	12097	5.036	ug/ml	98
21) Isophorone	4.987	82	24271	5.105	ug/ml	94
22) 2-Nitrophenol	5.057	139	6058	4.487	ug/ml#	93
23) 2,4-Dimethylphenol	5.104	107	14223	5.142	ug/ml	98
24) Bis(2-chloroethoxy)met...	5.187	93	15144	5.147	ug/ml	98
25) 2,4-Dichlorophenol	5.263	162	16046	5.107	ug/ml#	94
26) 1,2,4-Trichlorobenzene	5.340	180	19984	5.221	ug/ml#	97
36) Naphthalene	5.404	128	46414	5.303	ug/ml	98
37) Benzoic Acid	5.163	105	2546M2	1.532	ug/ml	
38) 4-Chloroaniline	5.451	65	4888	5.534	ug/ml	86
39) Hexachlorobutadiene	5.528	225	12874	5.227	ug/ml	97
40) p-Chloro-m-cresol	5.887	107	12430	5.151	ug/ml	93
41) 2-Methylnaphthalene	6.010	142	30845	5.198	ug/ml	98
42) 1-Methylnaphthalene	6.098	115	9796	5.254	ug/ml	89
43) Hexachlorocyclopentadiene	6.163	237	13592	5.155	ug/ml	97
44) 2,4,6-Trichlorophenol	6.263	196	14761	5.273	ug/ml	99
45) 2,4,5-Trichlorophenol	6.293	196	16714	5.443	ug/ml	96
47) 2-Chloronaphthalene	6.434	162	39051	5.363	ug/ml#	91
48) 2-Nitroaniline	6.522	138	9354	5.157	ug/ml	93
49) 1,4-Dinitrobenzene	6.640	168	4135	4.920	ug/ml	79
50) 1,3-Dinitrobenzene	6.710	168	4978	4.967	ug/ml	88
51) Dimethyl phthalate	6.692	163	48712	5.386	ug/ml	98
52) Acenaphthylene	6.798	152	64282	5.362	ug/ml	99
53) 2,6-Dinitrotoluene	6.740	165	8434	5.170	ug/ml	95
54) 1,2-Dinitrobenzene	6.781	168	3271	5.029	ug/ml	99
64) 3-Nitroaniline	6.881	138	8736	4.911	ug/ml#	90
65) Acenaphthene	6.951	154	37485	5.350	ug/ml	97
66) 2,4-Dinitrophenol	6.975	184	2145	2.567	ug/ml#	33
67) Dibenzofuran	7.098	168	61440	5.183	ug/ml#	65
68) 2,4-Dinitrotoluene	7.092	165	11475	4.972	ug/ml#	82
69) 4-Nitrophenol	7.034	65	5689	5.089	ug/ml#	14
70) 2,3,5,6-Tetrachlorophenol	7.175	232	14126	5.056	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	7.216	232	15645	5.440	ug/ml	97
72) Diethyl phthalate	7.316	149	44899	5.141	ug/ml	97
73) Fluorene	7.398	166	50261	5.370	ug/ml	100
74) 4-Chlorophenyl phenyl ...	7.410	204	26130	5.143	ug/ml#	87

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL4.D
Acq On : 14 Jun 2025 3:27 pm
Operator : Juliet:slr
Sample : IL7,32,,ABNL5 Lot# 11621
Misc : WG2079414,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 15 17:52:26 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	7.410	138	9633	5.156	ug/ml	89
76)	4,6-Dinitro-o-cresol	7.445	198	3636	3.068	ug/ml#	79
77)	NDPA/DPA	7.510	169	43196	5.341	ug/ml	99
78)	Azobenzene	7.545	77	31297	5.270	ug/ml#	89
80)	4-Bromophenyl phenyl e...	7.834	248	16720	5.193	ug/ml#	92
81)	Hexachlorobenzene	7.887	284	19472	5.443	ug/ml#	93
82)	Pentachlorophenol	8.063	266	10090	5.099	ug/ml	91
89)	Phenanthrene	8.239	178	82252	5.324	ug/ml	98
90)	Anthracene	8.281	178	82371	5.255	ug/ml	98
91)	Carbazole	8.428	167	77149	5.216	ug/ml	97
92)	Di-n-butylphthalate	8.751	149	78498	5.089	ug/ml	97
93)	Fluoranthene	9.322	202	106461	5.085	ug/ml#	92
94)	Benzidine	9.463	184	71471	5.438	ug/ml#	94
95)	Pyrene	9.557	202	114685	5.238	ug/ml	98
97)	Butyl benzyl phthalate	10.357	149	34639	4.991	ug/ml#	88
105)	Benzo(a)anthracene	11.080	228	127528	5.077	ug/ml	98
106)	3,3'-Dichlorobenzidine	11.069	252	46544	5.052	ug/ml	96
107)	Chrysene	11.128	228	117044	5.220	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	11.227	149	52956	4.955	ug/ml	97
109)	Di-n-octylphthalate	12.310	149	88879	4.786	ug/ml	98
110)	Benzo(b)fluoranthene	12.786	252	124028	5.110	ug/ml#	95
111)	Benzo(k)fluoranthene	12.833	252	126313	5.354	ug/ml#	90
112)	Benzo(a)pyrene	13.327	252	118959	5.234	ug/ml#	92
114)	Indeno(1,2,3-cd)pyrene	15.204	276	118808	4.892	ug/mL#	90
115)	Dibenzo(a,h)anthracene	15.263	278	119682	5.169	ug/ml#	93
116)	Benzo(ghi)perylene	15.621	276	122363	5.211	ug/ml#	90

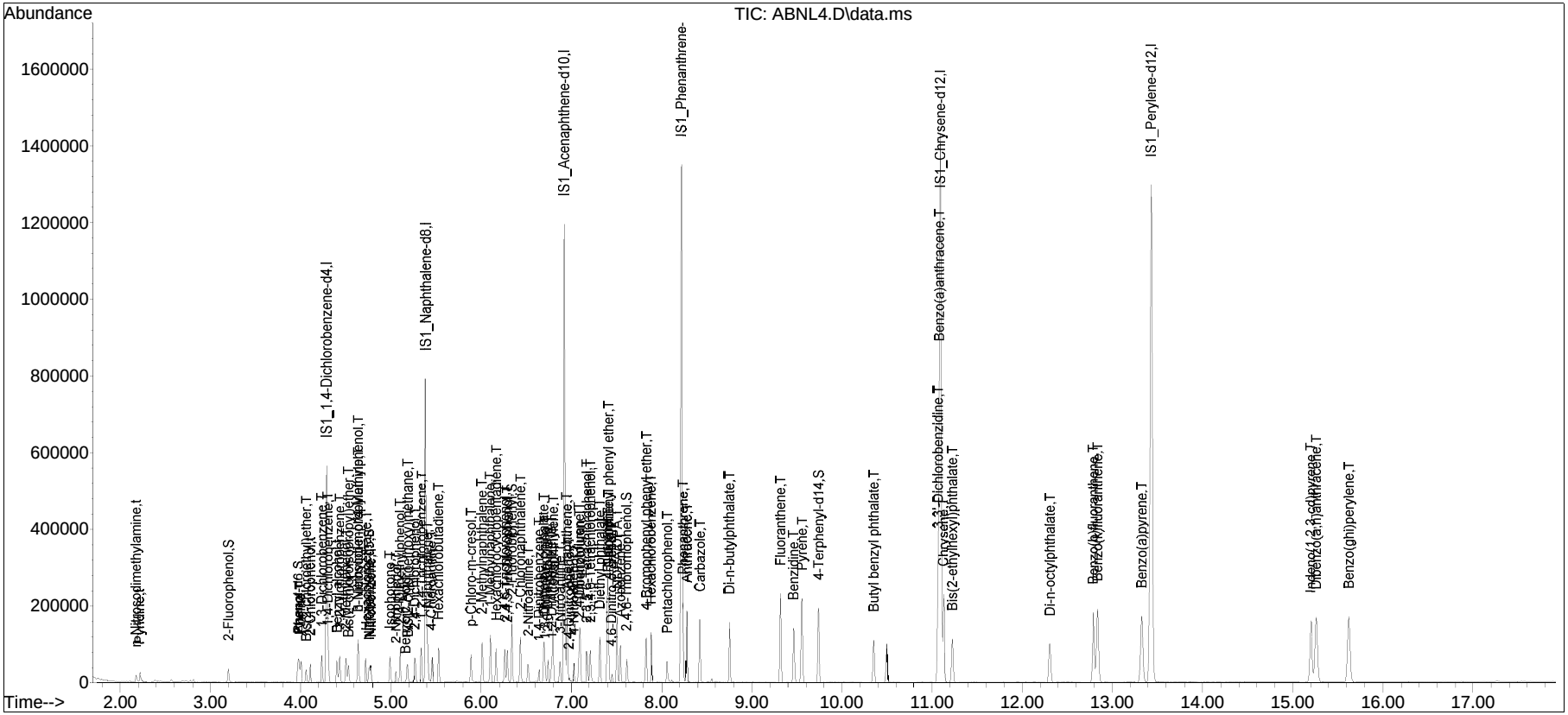
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL4.D
Acq On : 14 Jun 2025 3:27 pm
Operator : Juliet:slr
Sample : IL7,32,,ABNL5 Lot# 11621
Misc : WG2079414,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 15 17:52:26 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

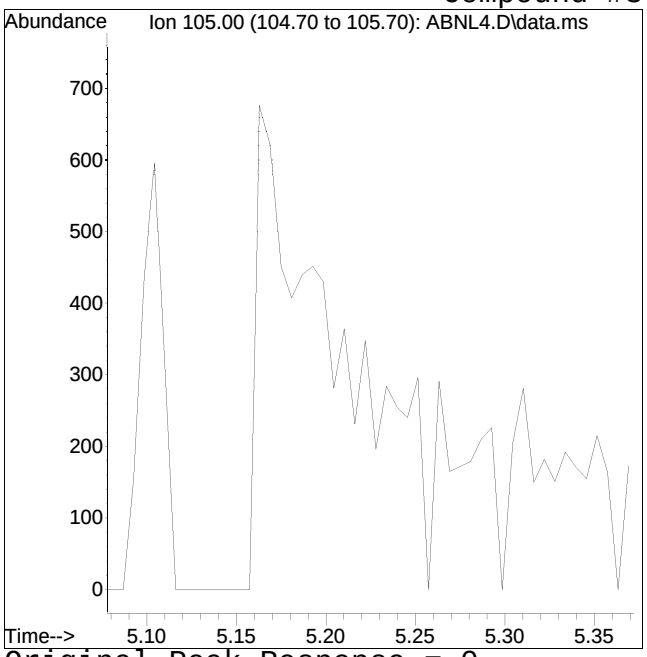
Sub List : ABNical - ABN ical sublistcal\ABNL7.D•



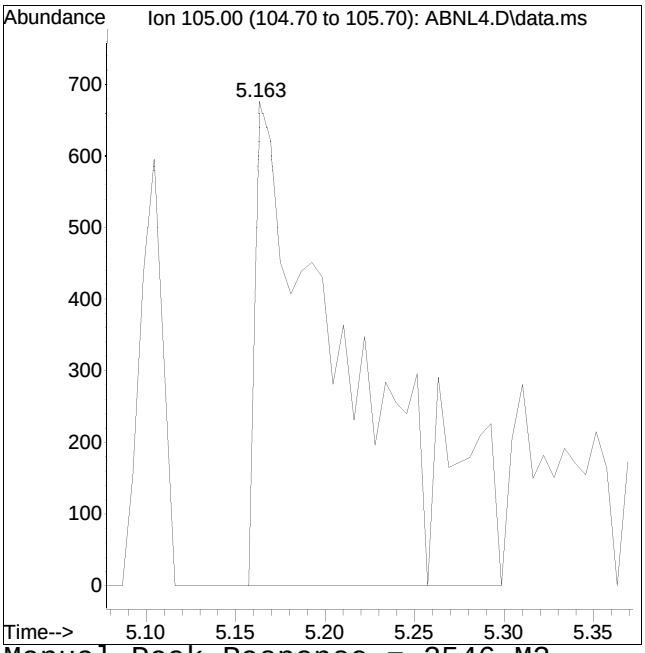
Manual Integration Report

Data Path : I:\8270\Juliet\250614ical\QMethod : FS250614Juliet.m
Data File : ABNL4.D Operator : Juliet:slr
Date Inj'd : 6/14/2025 3:27 pm Instrument : Juliet
Sample : IL7,32,,ABNL5 Lot# 11621 Quant Date : 6/15/2025 5:53 pm

Compound #37: Benzoic Acid



Original Peak Response = 0



Manual Peak Response = 2546 M2

M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL3.D
Acq On : 14 Jun 2025 3:50 pm
Operator : Juliet:slr
Sample : IL8,32,,ABNL3 Lot# 11622
Misc : WG2079414,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 15 17:52:17 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	4.287	152	108883	40.000 ug/ml	0.00
Standard Area 1 = 97643			Recovery = 111.51%		
35) IS1_Naphthalene-d8	5.387	136	427922	40.000 ug/ml	0.00
Standard Area 1 = 368530			Recovery = 116.12%		
63) IS1_Acenaphthene-d10	6.922	164	302973	40.000 ug/ml	0.00
Standard Area 1 = 259733			Recovery = 116.65%		
88) IS1_Phenanthrene-d10	8.222	188	686603	40.000 ug/ml	# 0.00
Standard Area 1 = 571572			Recovery = 120.13%		
104) IS1_Chrysene-d12	11.092	240	825688	40.000 ug/ml	# 0.00
Standard Area 1 = 663666			Recovery = 124.41%		
113) IS1_Perylene-d12	13.433	264	936883	40.000 ug/ml	0.00
Standard Area 1 = 740716			Recovery = 126.48%		
System Monitoring Compounds					
4) 2-Fluorophenol	3.198	112	9307	3.844 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 7.69%#		
7) Phenol-d6	3.975	99	12395	3.974 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 7.95%#		
19) Nitrobenzene-d5	4.757	82	10833	3.997 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 15.99%#		
46) 2-Fluorobiphenyl	6.339	172	43991	4.103 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 16.41%#		
79) 2,4,6-Tribromophenol	7.610	330	6977	4.003 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 8.01%#		
96) 4-Terphenyl-d14	9.745	244	74170	3.919 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 15.68%#		
Target Compounds					Qvalue
2) n-Nitrosodimethylamine	2.175	74	5726	4.273 ug/ml#	77
3) Pyridine	2.222	79	9737	4.058 ug/ml	87
5) Aniline	4.004	93	16072	4.021 ug/ml#	87
6) 2-Chlorophenol	4.104	128	12082	3.876 ug/ml	92
8) Phenol	3.987	94	14312	4.113 ug/ml#	88
9) Bis(2-chloroethyl)ether	4.063	93	9012	4.010 ug/ml	92
10) 1,3-Dichlorobenzene	4.240	146	15125	3.947 ug/ml	94
11) 1,4-Dichlorobenzene	4.304	146	15469	3.978 ug/ml	99
12) 1,2-Dichlorobenzene	4.434	146	14508	3.866 ug/ml	94
13) Benzyl alcohol	4.404	79	8584	3.922 ug/ml	93
14) Bis(2-chloroisopropyl)...	4.534	45	12635	3.846 ug/ml#	72

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL3.D
Acq On : 14 Jun 2025 3:50 pm
Operator : Juliet:slr
Sample : IL8,32,,ABNL3 Lot# 11622
Misc : WG2079414,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 15 17:52:17 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	4.504	108	10310	3.982	ug/ml	96
16) Hexachloroethane	4.728	117	4899	4.014	ug/ml#	49
17) n-Nitrosodi-n-propylamine	4.640	70	7936	4.136	ug/ml#	88
18) 3-Methylphenol/4-Methy...	4.640	108	10953	3.971	ug/ml	88
20) Nitrobenzene	4.775	77	10661	3.975	ug/ml	97
21) Isophorone	4.987	82	21496	4.049	ug/ml	96
22) 2-Nitrophenol	5.057	139	5463	3.625	ug/ml#	88
23) 2,4-Dimethylphenol	5.104	107	12431	4.026	ug/ml	97
24) Bis(2-chloroethoxy)met...	5.187	93	13147	4.002	ug/ml	99
25) 2,4-Dichlorophenol	5.263	162	14547	4.147	ug/ml#	92
26) 1,2,4-Trichlorobenzene	5.339	180	17248	4.036	ug/ml#	96
36) Naphthalene	5.404	128	41059	3.979	ug/ml	98
37) Benzoic Acid	0.000		0	N.D.		
38) 4-Chloroaniline	5.451	65	3797	3.647	ug/ml#	63
39) Hexachlorobutadiene	5.528	225	11373	3.917	ug/ml	97
40) p-Chloro-m-cresol	5.886	107	11269	3.961	ug/ml	89
41) 2-Methylnaphthalene	6.010	142	28256	4.039	ug/ml	98
42) 1-Methylnaphthalene	6.098	115	8485	3.861	ug/ml	87
43) Hexachlorocyclopentadiene	6.163	237	11041	3.552	ug/ml	99
44) 2,4,6-Trichlorophenol	6.263	196	12516	3.793	ug/ml	98
45) 2,4,5-Trichlorophenol	6.292	196	14561	4.023	ug/ml	99
47) 2-Chloronaphthalene	6.434	162	34767	4.051	ug/ml#	91
48) 2-Nitroaniline	6.528	138	7936	3.712	ug/ml	93
49) 1,4-Dinitrobenzene	6.639	168	3468	3.501	ug/ml	79
50) 1,3-Dinitrobenzene	6.710	168	4218	3.570	ug/ml	91
51) Dimethyl phthalate	6.692	163	41971	3.936	ug/ml	98
52) Acenaphthylene	6.798	152	56548	4.001	ug/ml	99
53) 2,6-Dinitrotoluene	6.739	165	6959	3.619	ug/ml	96
54) 1,2-Dinitrobenzene	6.781	168	3044	3.970	ug/ml	88
64) 3-Nitroaniline	6.881	138	7922	3.851	ug/ml#	92
65) Acenaphthene	6.951	154	31823	3.927	ug/ml	97
66) 2,4-Dinitrophenol	6.975	184	1718	1.778	ug/ml#	33
67) Dibenzofuran	7.104	168	56244	4.102	ug/ml#	65
68) 2,4-Dinitrotoluene	7.092	165	9954	3.730	ug/ml#	80
69) 4-Nitrophenol	7.033	65	4933	3.815	ug/ml#	16
70) 2,3,5,6-Tetrachlorophenol	7.181	232	12358	3.825	ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	7.216	232	13475	4.052	ug/ml	99
72) Diethyl phthalate	7.316	149	39761	3.936	ug/ml	97
73) Fluorene	7.398	166	41548	3.838	ug/ml	97
74) 4-Chlorophenyl phenyl ...	7.410	204	23242	3.956	ug/ml#	86

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL3.D
Acq On : 14 Jun 2025 3:50 pm
Operator : Juliet:slr
Sample : IL8,32,,ABNL3 Lot# 11622
Misc : WG2079414,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 15 17:52:17 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	7.410	138	8342	3.861	ug/ml	90
76)	4,6-Dinitro-o-cresol	7.445	198	2905	2.119	ug/ml#	88
77)	NDPA/DPA	7.510	169	38409	4.106	ug/ml	98
78)	Azobenzene	7.545	77	26347	3.837	ug/ml#	87
80)	4-Bromophenyl phenyl e...	7.833	248	15153	4.069	ug/ml#	92
81)	Hexachlorobenzene	7.886	284	16500	3.988	ug/ml	94
82)	Pentachlorophenol	8.063	266	8196	3.582	ug/ml	97
89)	Phenanthrene	8.239	178	71036	3.953	ug/ml	98
90)	Anthracene	8.280	178	72710	3.988	ug/ml	98
91)	Carbazole	8.428	167	67963	3.951	ug/ml	98
92)	Di-n-butylphthalate	8.751	149	68588	3.823	ug/ml	97
93)	Fluoranthene	9.322	202	95694	3.929	ug/ml#	91
94)	Benzidine	9.469	184	57728	3.776	ug/ml#	95
95)	Pyrene	9.557	202	101772	3.996	ug/ml	97
97)	Butyl benzyl phthalate	10.357	149	29130	3.609	ug/ml#	89
105)	Benzo(a)anthracene	11.074	228	111646	3.875	ug/ml	98
106)	3,3'-Dichlorobenzidine	11.069	252	39735	3.760	ug/ml	96
107)	Chrysene	11.127	228	101632	3.952	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	11.227	149	45698	3.728	ug/ml	96
109)	Di-n-octylphthalate	12.304	149	74710	3.507	ug/ml	97
110)	Benzo(b)fluoranthene	12.786	252	105057	3.773	ug/ml#	95
111)	Benzo(k)fluoranthene	12.833	252	107561	3.975	ug/ml#	90
112)	Benzo(a)pyrene	13.327	252	98305	3.771	ug/ml#	93
114)	Indeno(1,2,3-cd)pyrene	15.204	276	99399	3.655	ug/mL#	90
115)	Dibenzo(a,h)anthracene	15.262	278	98295	3.792	ug/ml#	93
116)	Benzo(ghi)perylene	15.621	276	100151	3.809	ug/ml#	90

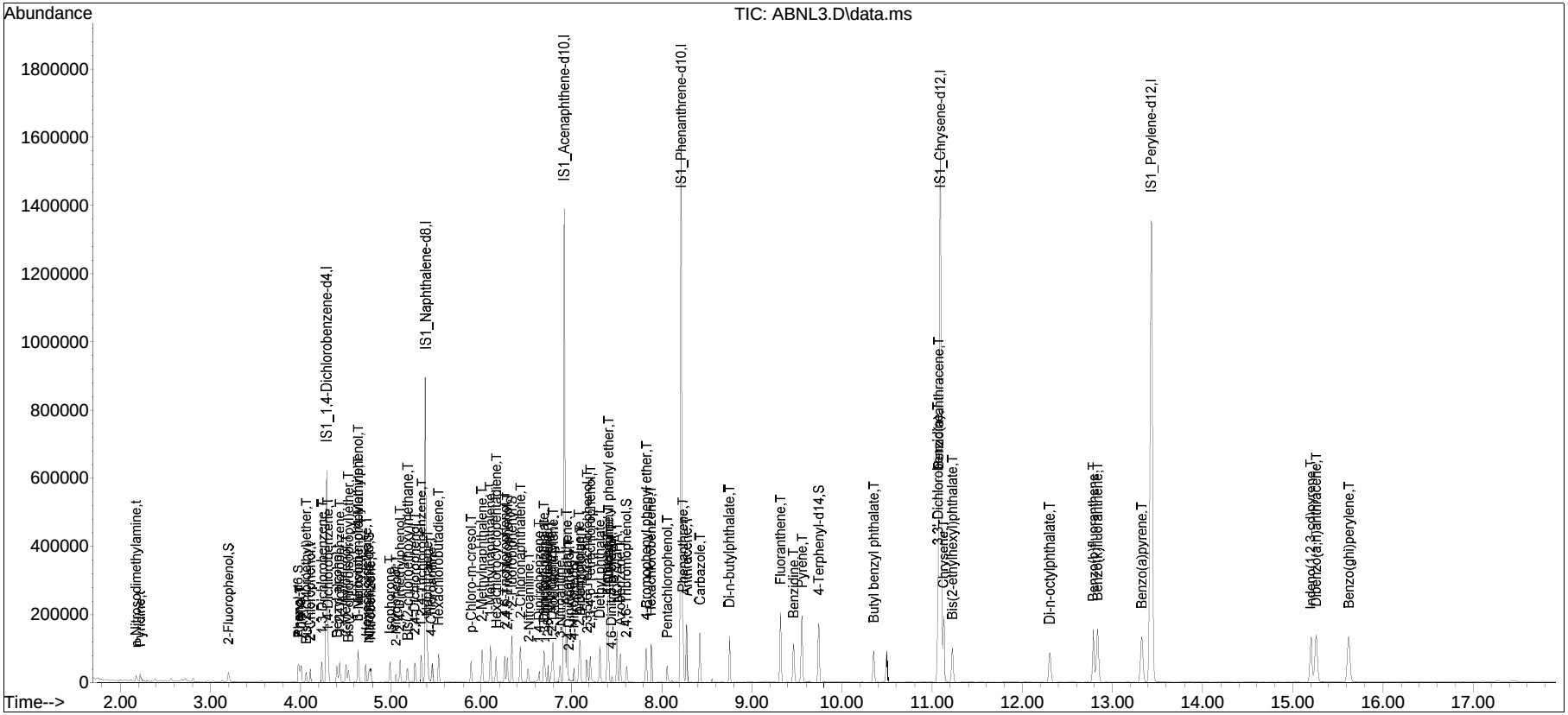
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL3.D
Acq On : 14 Jun 2025 3:50 pm
Operator : Juliet:slr
Sample : IL8,32,,ABNL3 Lot# 11622
Misc : WG2079414,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jun 15 17:52:17 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublistcal\ABNL7.D•



FS250614Juliet.m Mon Jun 16 12:08:57 2025 Page: 4

Manual Integration Report

Data Path	: I:\8270\Juliet\250614ical\	QMethod	: FS250614Juliet.m
Data File	: ABNL3.D	Operator	: Juliet:slr
Date Inj'd	: 6/14/2025 3:50 pm	Instrument	: Juliet
Sample	: IL8,32,,ABNL3 Lot# 11622	Quant Date	: 6/15/2025 5:53 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL2.D
Acq On : 14 Jun 2025 4:14 pm
Operator : Juliet:slr
Sample : IL9,32,,ABNL2 Lot# 11623
Misc : WG2079414,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 15 17:52:10 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	4.287	152	79355	40.000 ug/ml	0.00
Standard Area 1 = 97643			Recovery = 81.27%		
35) IS1_Naphthalene-d8	5.387	136	293065	40.000 ug/ml	0.00
Standard Area 1 = 368530			Recovery = 79.52%		
63) IS1_Acenaphthene-d10	6.922	164	211672	40.000 ug/ml	0.00
Standard Area 1 = 259733			Recovery = 81.50%		
88) IS1_Phenanthrene-d10	8.222	188	480206	40.000 ug/ml	# 0.00
Standard Area 1 = 571572			Recovery = 84.01%		
104) IS1_Chrysene-d12	11.092	240	615890	40.000 ug/ml	# 0.00
Standard Area 1 = 663666			Recovery = 92.80%		
113) IS1_Perylene-d12	13.433	264	723689	40.000 ug/ml	0.00
Standard Area 1 = 740716			Recovery = 97.70%		
System Monitoring Compounds					
4) 2-Fluorophenol	3.199	112	3638	2.062 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 4.12%#		
7) Phenol-d6	3.975	99	4951	2.178 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 4.36%#		
19) Nitrobenzene-d5	4.763	82	4077	2.064 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 8.26%#		
46) 2-Fluorobiphenyl	6.340	172	16021	2.182 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 8.73%#		
79) 2,4,6-Tribromophenol	7.616	330	2554	2.097 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 4.19%#		
96) 4-Terphenyl-d14	9.745	244	29294	2.213 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 8.85%#		
Target Compounds					Qvalue
2) n-Nitrosodimethylamine	2.175	74	1943	1.989 ug/ml#	64
3) Pyridine	2.228	79	3693	2.112 ug/ml	92
5) Aniline	4.004	93	6270	2.152 ug/ml#	89
6) 2-Chlorophenol	4.110	128	5204	2.291 ug/ml	91
8) Phenol	3.987	94	5199	2.050 ug/ml#	85
9) Bis(2-chloroethyl)ether	4.063	93	3581	2.186 ug/ml	91
10) 1,3-Dichlorobenzene	4.240	146	6276	2.247 ug/ml#	93
11) 1,4-Dichlorobenzene	4.304	146	6263	2.210 ug/ml	92
12) 1,2-Dichlorobenzene	4.434	146	5990	2.190 ug/ml	96
13) Benzyl alcohol	4.404	79	3120	1.956 ug/ml	93
14) Bis(2-chloroisopropyl)...	4.534	45	5227	2.183 ug/ml	93

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL2.D
Acq On : 14 Jun 2025 4:14 pm
Operator : Juliet:slr
Sample : IL9,32,,ABNL2 Lot# 11623
Misc : WG2079414,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 15 17:52:10 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	4.504	108	3879	2.056	ug/ml#	90
16) Hexachloroethane	4.728	117	1858	2.089	ug/ml#	38
17) n-Nitrosodi-n-propylamine	4.640	70	3030	2.167	ug/ml#	63
18) 3-Methylphenol/4-Methy...	4.640	108	4210	2.094	ug/ml#	92
20) Nitrobenzene	4.775	77	4104	2.100	ug/ml#	88
21) Isophorone	4.993	82	8142	2.105	ug/ml#	93
22) 2-Nitrophenol	5.057	139	1867	1.700	ug/ml#	41
23) 2,4-Dimethylphenol	5.104	107	4689	2.084	ug/ml	94
24) Bis(2-chloroethoxy)met...	5.187	93	5049	2.109	ug/ml#	90
25) 2,4-Dichlorophenol	5.269	162	5115	2.001	ug/ml#	92
26) 1,2,4-Trichlorobenzene	5.340	180	6618	2.125	ug/ml#	95
36) Naphthalene	5.404	128	15735	2.227	ug/ml	98
37) Benzoic Acid	0.000		0	N.D.		
38) 4-Chloroaniline	5.457	65	1549	2.172	ug/ml#	71
39) Hexachlorobutadiene	5.528	225	4513	2.270	ug/ml	98
40) p-Chloro-m-cresol	5.887	107	4093	2.101	ug/ml	88
41) 2-Methylnaphthalene	6.010	142	10773	2.249	ug/ml	99
42) 1-Methylnaphthalene	6.098	115	3460	2.299	ug/ml	92
43) Hexachlorocyclopentadiene	6.163	237	4653	2.186	ug/ml#	90
44) 2,4,6-Trichlorophenol	6.263	196	5066	2.242	ug/ml	99
45) 2,4,5-Trichlorophenol	6.292	196	5245	2.116	ug/ml	94
47) 2-Chloronaphthalene	6.434	162	12888	2.192	ug/ml	92
48) 2-Nitroaniline	6.528	138	2866	1.957	ug/ml	93
49) 1,4-Dinitrobenzene	6.640	168	1206	1.778	ug/ml#	74
50) 1,3-Dinitrobenzene	6.710	168	1472	1.819	ug/ml	81
51) Dimethyl phthalate	6.698	163	16774	2.297	ug/ml#	96
52) Acenaphthylene	6.798	152	21239	2.194	ug/ml	98
53) 2,6-Dinitrotoluene	6.740	165	2660	2.020	ug/ml#	58
54) 1,2-Dinitrobenzene	6.781	168	819M3	1.560	ug/ml	
64) 3-Nitroaniline	6.881	138	2754	1.916	ug/ml#	68
65) Acenaphthene	6.951	154	12020	2.123	ug/ml	99
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	7.104	168	21238	2.217	ug/ml#	67
68) 2,4-Dinitrotoluene	7.092	165	3120	1.673	ug/ml#	87
69) 4-Nitrophenol	7.034	65	1813	2.007	ug/ml#	15
70) 2,3,5,6-Tetrachlorophenol	7.181	232	4368	1.935	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	7.216	232	4986	2.146	ug/ml	95
72) Diethyl phthalate	7.316	149	15749	2.232	ug/ml	95
73) Fluorene	7.398	166	16046	2.122	ug/ml	95
74) 4-Chlorophenyl phenyl ...	7.410	204	8871	2.161	ug/ml#	86

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL2.D
Acq On : 14 Jun 2025 4:14 pm
Operator : Juliet:slr
Sample : IL9,32,,ABNL2 Lot# 11623
Misc : WG2079414,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 15 17:52:10 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	7.410	138	3234	2.142	ug/ml	84
76)	4,6-Dinitro-o-cresol	7.451	198	761M2	0.795	ug/ml	
77)	NDPA/DPA	7.510	169	14063	2.152	ug/ml	98
78)	Azobenzene	7.545	77	10407	2.169	ug/ml#	86
80)	4-Bromophenyl phenyl e...	7.834	248	5992	2.303	ug/ml#	90
81)	Hexachlorobenzene	7.886	284	6960	2.408	ug/ml	96
82)	Pentachlorophenol	8.063	266	2434	1.522	ug/ml#	79
89)	Phenanthrene	8.239	178	28380	2.258	ug/ml	97
90)	Anthracene	8.281	178	28325	2.221	ug/ml	99
91)	Carbazole	8.428	167	26783	2.226	ug/ml	97
92)	Di-n-butylphthalate	8.751	149	25899	2.064	ug/ml#	94
93)	Fluoranthene	9.322	202	36791	2.160	ug/ml#	91
94)	Benzidine	9.463	184	22903	2.142	ug/ml#	90
95)	Pyrene	9.557	202	40244	2.259	ug/ml	97
97)	Butyl benzyl phthalate	10.357	149	11197	1.983	ug/ml#	88
105)	Benzo(a)anthracene	11.075	228	45605	2.122	ug/ml	99
106)	3,3'-Dichlorobenzidine	11.069	252	15710	1.993	ug/ml	97
107)	Chrysene	11.127	228	42902	2.236	ug/ml	97
108)	Bis(2-ethylhexyl)phtha...	11.227	149	16725	1.829	ug/ml#	97
109)	Di-n-octylphthalate	12.310	149	26499	1.668	ug/ml#	98
110)	Benzo(b)fluoranthene	12.786	252	43451	2.092	ug/ml#	94
111)	Benzo(k)fluoranthene	12.833	252	44617	2.210	ug/ml#	89
112)	Benzo(a)pyrene	13.327	252	43027	2.213	ug/ml#	93
114)	Indeno(1,2,3-cd)pyrene	15.204	276	41906	1.995	ug/mL#	91
115)	Dibenzo(a,h)anthracene	15.262	278	41930	2.094	ug/ml#	93
116)	Benzo(ghi)perylene	15.621	276	43803	2.157	ug/ml#	88

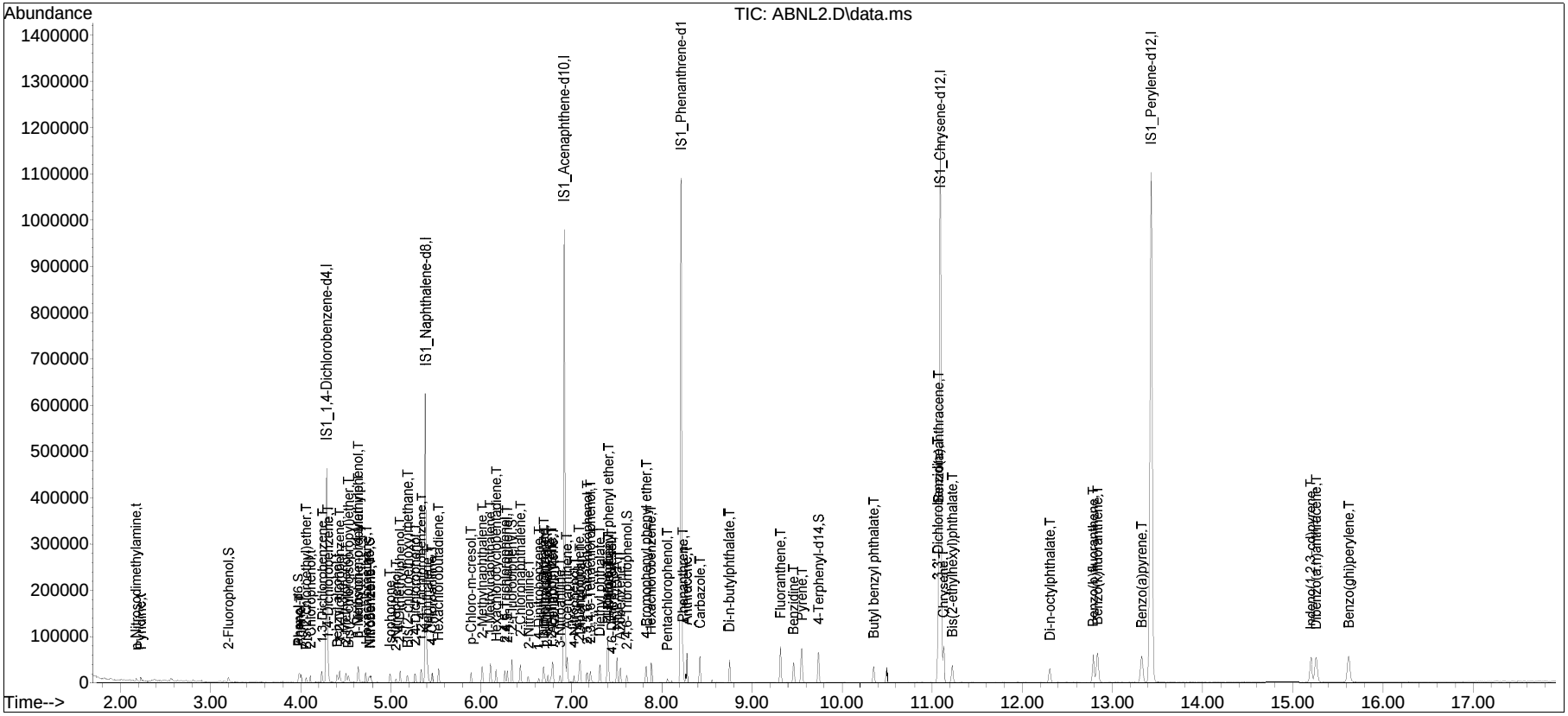
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL2.D
Acq On : 14 Jun 2025 4:14 pm
Operator : Juliet:slr
Sample : IL9,32,,ABNL2 Lot# 11623
Misc : WG2079414,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 15 17:52:10 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

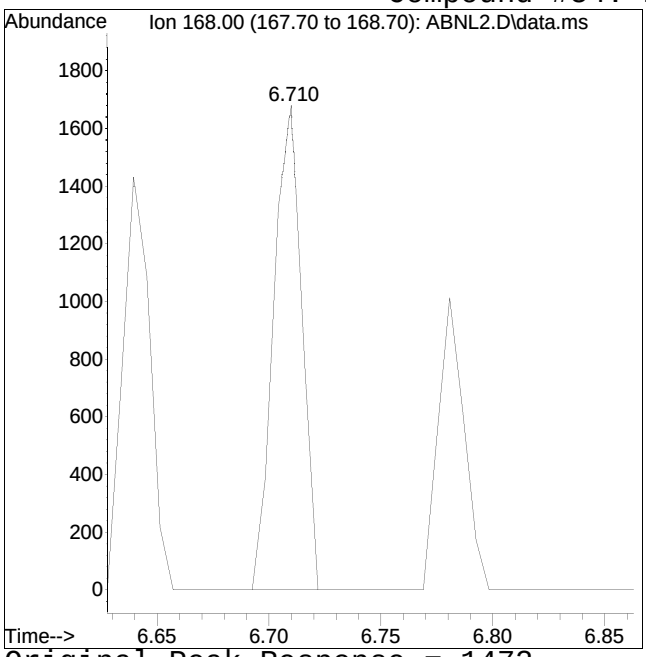
Sub List : ABNical - ABN ical sublistcal\ABNL7.D•

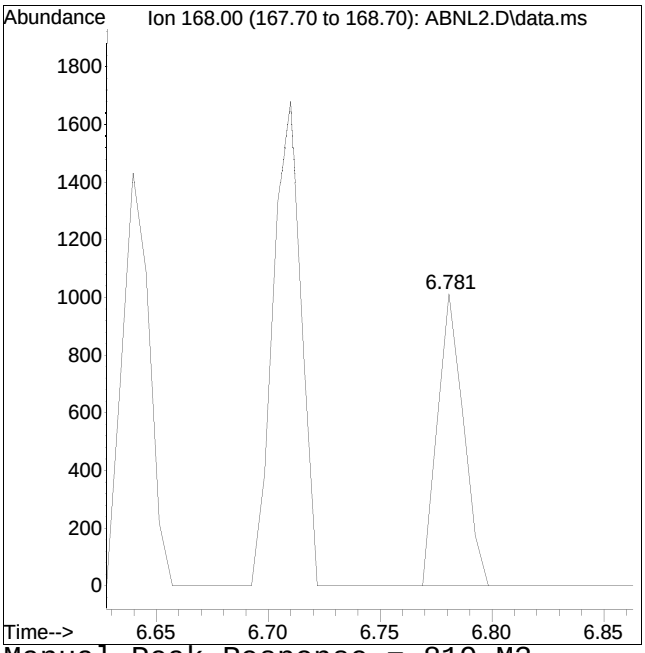


Manual Integration Report

Data Path : I:\8270\Juliet\250614ical\QMethod : FS250614Juliet.m
Data File : ABNL2.D Operator : Juliet:slr
Date Inj'd : 6/14/2025 4:14 pm Instrument : Juliet
Sample : IL9,32,,ABNL2 Lot# 11623 Quant Date : 6/15/2025 5:53 pm

Compound #54: 1,2-Dinitrobenzene





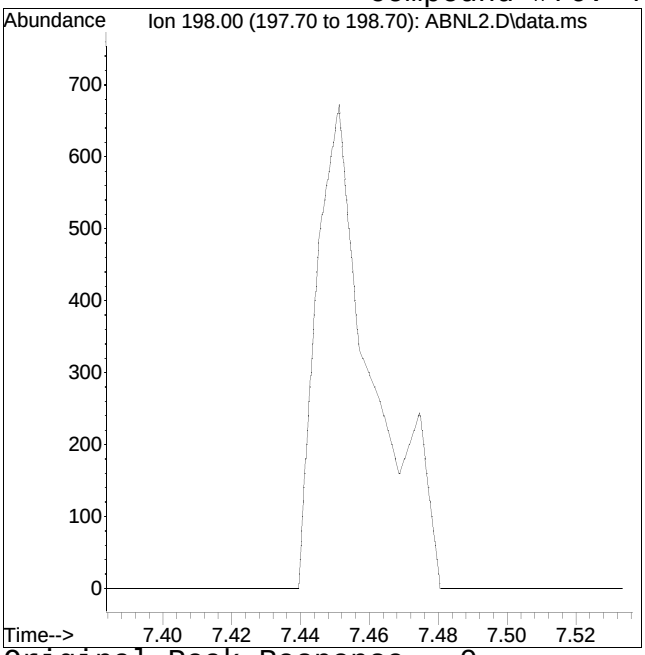
Original Peak Response = 1472 Manual Peak Response = 819 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

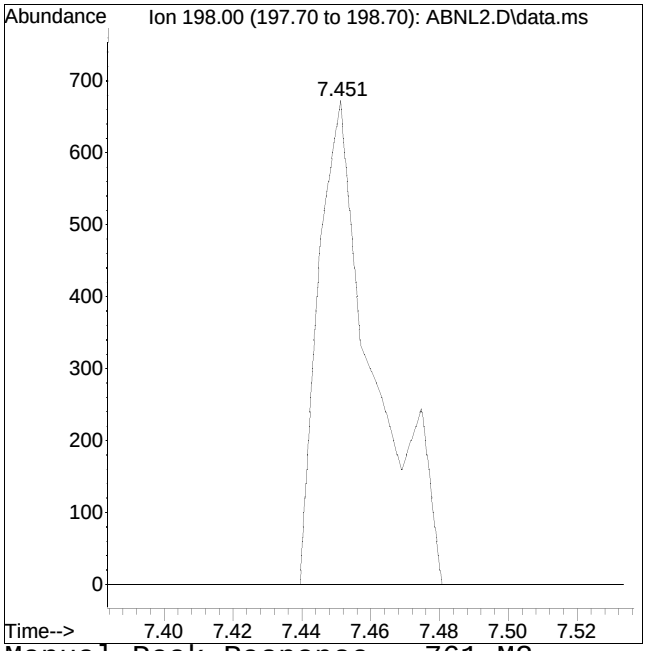
Manual Integration Report

Data Path : I:\8270\Juliet\250614ical\QMethod : FS250614Juliet.m
Data File : ABNL2.D Operator : Juliet:slr
Date Inj'd : 6/14/2025 4:14 pm Instrument : Juliet
Sample : IL9,32,,ABNL2 Lot# 11623 Quant Date : 6/15/2025 5:53 pm

Compound #76: 4,6-Dinitro-o-cresol



Original Peak Response = 0



Manual Peak Response = 761 M2

M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL1.D
Acq On : 14 Jun 2025 4:38 pm
Operator : Juliet:slr
Sample : IL10,32,,ABNL1 Lot# 11624
Misc : WG2079414,,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 15 17:51:53 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	4.287	152	87837	40.000	ug/ml		0.00
Standard Area 1 = 97643			Recovery = 89.96%				
35) IS1_Naphthalene-d8	5.386	136	338563	40.000	ug/ml		0.00
Standard Area 1 = 368530			Recovery = 91.87%				
63) IS1_Acenaphthene-d10	6.922	164	242571	40.000	ug/ml		0.00
Standard Area 1 = 259733			Recovery = 93.39%				
88) IS1_Phenanthrene-d10	8.222	188	554085	40.000	ug/ml	#	0.00
Standard Area 1 = 571572			Recovery = 96.94%				
104) IS1_Chrysene-d12	11.092	240	676046	40.000	ug/ml	#	0.00
Standard Area 1 = 663666			Recovery = 101.87%				
113) IS1_Perylene-d12	13.433	264	798938	40.000	ug/ml		0.00
Standard Area 1 = 740716			Recovery = 107.86%				
System Monitoring Compounds							
4) 2-Fluorophenol	3.198	112	2039	1.044	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 2.09%#				
7) Phenol-d6	3.975	99	2880	1.145	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 2.29%#				
19) Nitrobenzene-d5	4.757	82	2310	1.057	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 4.23%#				
46) 2-Fluorobiphenyl	6.339	172	10055	1.185	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 4.74%#				
79) 2,4,6-Tribromophenol	7.616	330	1491	1.068	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 2.14%#				
96) 4-Terphenyl-d14	9.745	244	17645	1.155	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 4.62%#				
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	2.181	74	893M2	0.826	ug/ml		
3) Pyridine	2.234	79	1856	0.959	ug/ml		93
5) Aniline	4.004	93	3713	1.152	ug/ml	#	59
6) 2-Chlorophenol	4.110	128	2606	1.036	ug/ml	#	37
8) Phenol	3.987	94	3131	1.115	ug/ml	#	56
9) Bis(2-chloroethyl)ether	4.063	93	2195	1.211	ug/ml	#	81
10) 1,3-Dichlorobenzene	4.239	146	3638	1.177	ug/ml		93
11) 1,4-Dichlorobenzene	4.298	146	3630	1.157	ug/ml	#	86
12) 1,2-Dichlorobenzene	4.434	146	3635	1.201	ug/ml		93
13) Benzyl alcohol	4.410	79	1906	1.079	ug/ml		94
14) Bis(2-chloroisopropyl)...	4.534	45	3074	1.160	ug/ml	#	86

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL1.D
Acq On : 14 Jun 2025 4:38 pm
Operator : Juliet:slr
Sample : IL10,32,,ABNL1 Lot# 11624
Misc : WG2079414,,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 15 17:51:53 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	4.504	108	2234	1.070	ug/ml#	87
16) Hexachloroethane	4.728	117	1159	1.177	ug/ml#	49
17) n-Nitrosodi-n-propylamine	4.639	70	1650	1.066	ug/ml#	63
18) 3-Methylphenol/4-Methy...	4.645	108	2442	1.097	ug/ml#	85
20) Nitrobenzene	4.775	77	2369	1.095	ug/ml#	91
21) Isophorone	4.992	82	4700	1.098	ug/ml#	66
22) 2-Nitrophenol	5.063	139	1010	0.831	ug/ml#	41
23) 2,4-Dimethylphenol	5.104	107	2842	1.141	ug/ml	97
24) Bis(2-chloroethoxy)met...	5.186	93	3303	1.246	ug/ml#	48
25) 2,4-Dichlorophenol	5.269	162	3061	1.082	ug/ml#	79
26) 1,2,4-Trichlorobenzene	5.339	180	4135	1.200	ug/ml	95
36) Naphthalene	5.404	128	9385	1.150	ug/ml	99
37) Benzoic Acid	0.000		0	N.D.		
38) 4-Chloroaniline	5.457	65	928M2	1.127	ug/ml	
39) Hexachlorobutadiene	5.533	225	2883	1.255	ug/ml	96
40) p-Chloro-m-cresol	5.886	107	2483	1.103	ug/ml#	81
41) 2-Methylnaphthalene	6.010	142	6678	1.207	ug/ml	97
42) 1-Methylnaphthalene	6.098	115	2068	1.189	ug/ml	95
43) Hexachlorocyclopentadiene	6.163	237	2155	0.876	ug/ml#	86
44) 2,4,6-Trichlorophenol	6.263	196	2852	1.092	ug/ml#	85
45) 2,4,5-Trichlorophenol	6.292	196	3101	1.083	ug/ml	98
47) 2-Chloronaphthalene	6.433	162	8252	1.215	ug/ml#	91
48) 2-Nitroaniline	6.528	138	1506	0.890	ug/ml#	67
49) 1,4-Dinitrobenzene	6.639	168	673M2	0.859	ug/ml	
50) 1,3-Dinitrobenzene	6.710	168	871M2	0.932	ug/ml	
51) Dimethyl phthalate	6.692	163	10474	1.242	ug/ml#	98
52) Acenaphthylene	6.798	152	13125	1.174	ug/ml	100
53) 2,6-Dinitrotoluene	6.739	165	1525	1.002	ug/ml#	44
54) 1,2-Dinitrobenzene	6.780	168	564M2	0.930	ug/ml	
64) 3-Nitroaniline	6.880	138	1497	0.909	ug/ml#	43
65) Acenaphthene	6.951	154	8169	1.259	ug/ml	90
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	7.104	168	12738	1.160	ug/ml#	67
68) 2,4-Dinitrotoluene	7.092	165	1800	0.842	ug/ml	90
69) 4-Nitrophenol	7.033	65	938M2	0.906	ug/ml	
70) 2,3,5,6-Tetrachlorophenol	7.180	232	2744	1.061	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	7.216	232	2748	1.032	ug/ml	99
72) Diethyl phthalate	7.316	149	9458	1.170	ug/ml	98
73) Fluorene	7.398	166	10117	1.167	ug/ml	100
74) 4-Chlorophenyl phenyl ...	7.410	204	5565	1.183	ug/ml#	85

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL1.D
Acq On : 14 Jun 2025 4:38 pm
Operator : Juliet:slr
Sample : IL10,32,,ABNL1 Lot# 11624
Misc : WG2079414,,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 15 17:51:53 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	7.410	138	1566	0.905	ug/ml#	83
76)	4,6-Dinitro-o-cresol	0.000		0	N.D.		
77)	NDPA/DPA	7.510	169	8684	1.160	ug/ml	96
78)	Azobenzene	7.545	77	6360	1.157	ug/ml#	86
80)	4-Bromophenyl phenyl e...	7.833	248	3699	1.241	ug/ml#	89
81)	Hexachlorobenzene	7.886	284	4086	1.233	ug/ml#	92
82)	Pentachlorophenol	8.069	266	1191	0.650	ug/ml#	19
89)	Phenanthrene	8.239	178	17289	1.192	ug/ml	98
90)	Anthracene	8.280	178	17305	1.176	ug/ml	99
91)	Carbazole	8.427	167	15974	1.151	ug/ml	97
92)	Di-n-butylphthalate	8.751	149	15798	1.091	ug/ml#	95
93)	Fluoranthene	9.321	202	22465	1.143	ug/ml#	90
94)	Benzidine	9.463	184	12273	0.995	ug/ml#	90
95)	Pyrene	9.557	202	23151	1.126	ug/ml	98
97)	Butyl benzyl phthalate	10.357	149	6317	0.970	ug/ml#	90
105)	Benzo(a)anthracene	11.080	228	28076	1.190	ug/ml	95
106)	3,3'-Dichlorobenzidine	11.068	252	8694	1.005	ug/ml#	92
107)	Chrysene	11.127	228	24866	1.181	ug/ml	99
108)	Bis(2-ethylhexyl)phtha...	11.233	149	10093	1.006	ug/ml#	98
109)	Di-n-octylphthalate	12.304	149	14507	0.832	ug/ml#	99
110)	Benzo(b)fluoranthene	12.792	252	25388	1.114	ug/ml#	95
111)	Benzo(k)fluoranthene	12.833	252	26438	1.193	ug/ml#	90
112)	Benzo(a)pyrene	13.327	252	23679	1.109	ug/ml#	92
114)	Indeno(1,2,3-cd)pyrene	15.203	276	23828	1.028	ug/mL#	90
115)	Dibenzo(a,h)anthracene	15.268	278	23690	1.072	ug/ml#	92
116)	Benzo(ghi)perylene	15.621	276	24888	1.110	ug/ml#	89

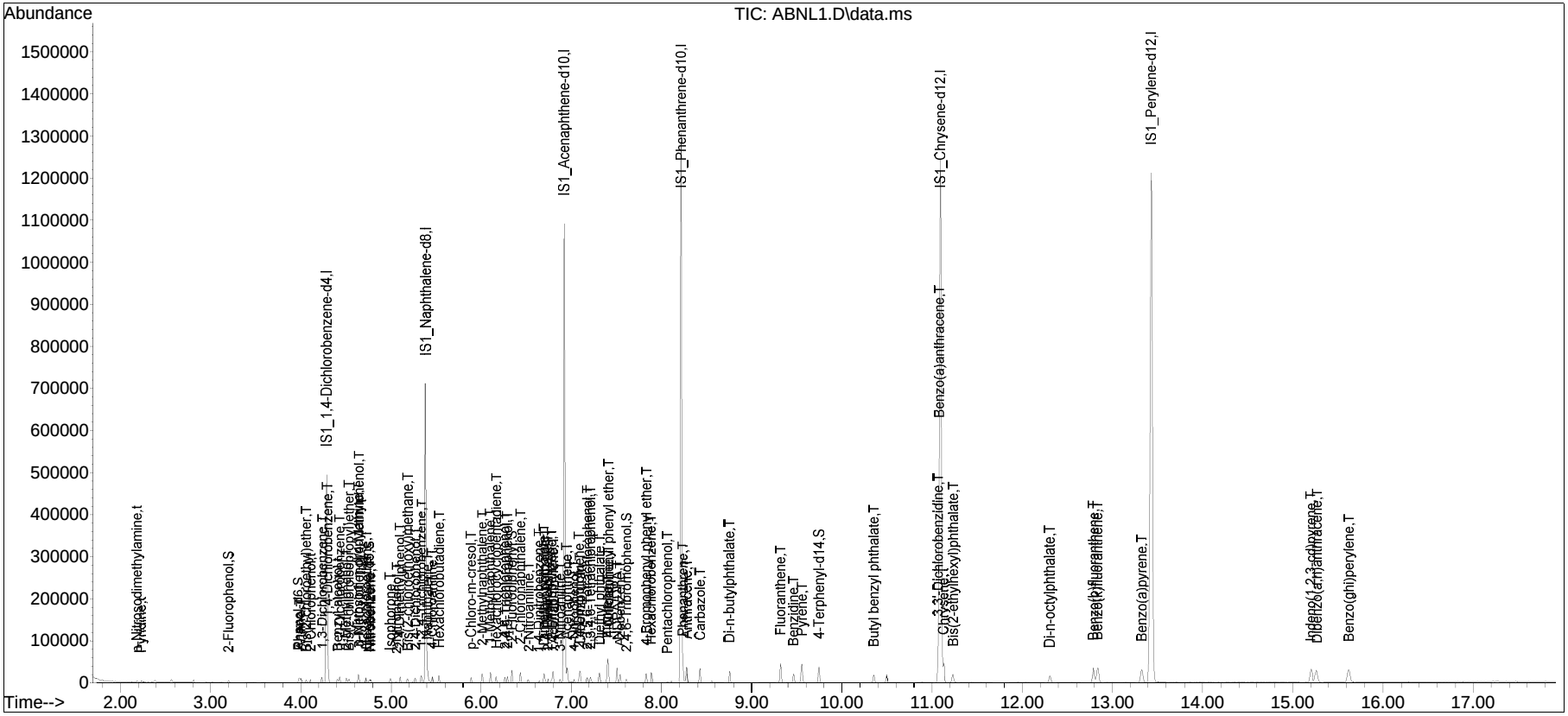
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNL1.D
Acq On : 14 Jun 2025 4:38 pm
Operator : Juliet:slr
Sample : IL10,32,,ABNL1 Lot# 11624
Misc : WG2079414,,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 15 17:51:53 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:52:27 2025
Response via : Initial Calibration

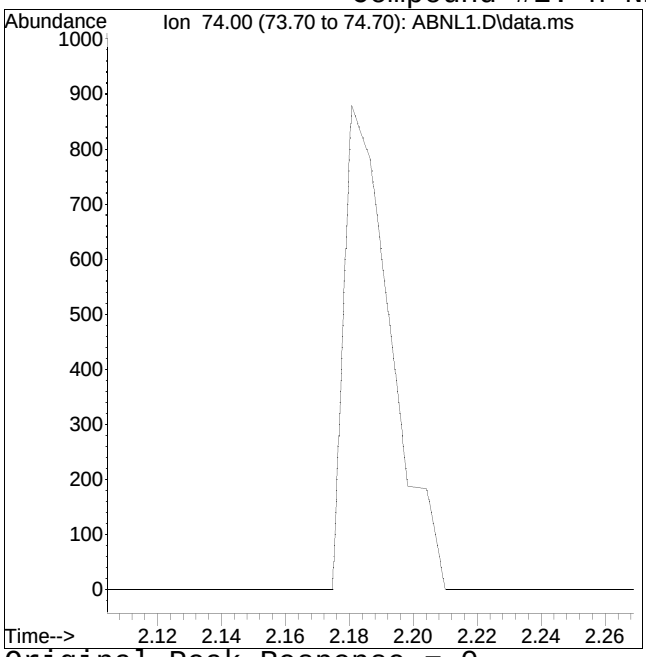
Sub List : ABNical - ABN ical sublistcal\ABNL7.D•



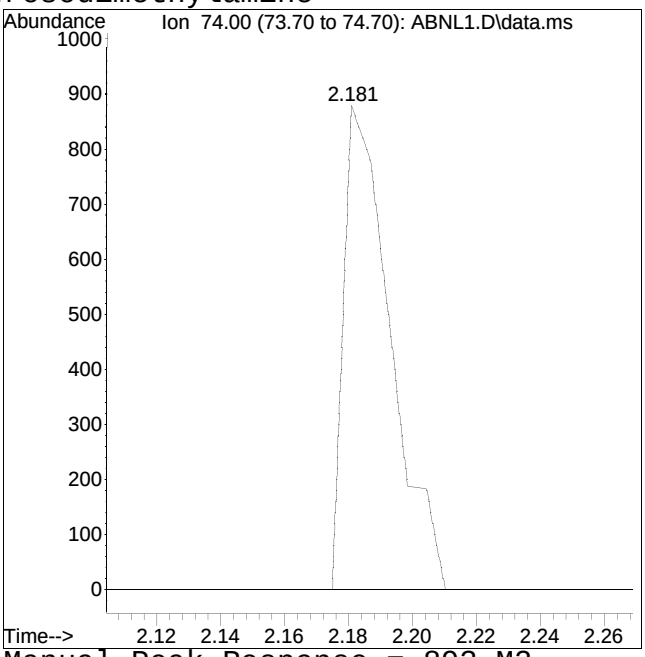
Manual Integration Report

Data Path : I:\8270\Juliet\250614ical\QMethod : FS250614Juliet.m
Data File : ABNL1.D Operator : Juliet:slr
Date Inj'd : 6/14/2025 4:38 pm Instrument : Juliet
Sample : IL10,32,,ABNL1 Lot# 11624 Quant Date : 6/15/2025 5:52 pm

Compound #2: n-Nitrosodimethylamine



Original Peak Response = 0



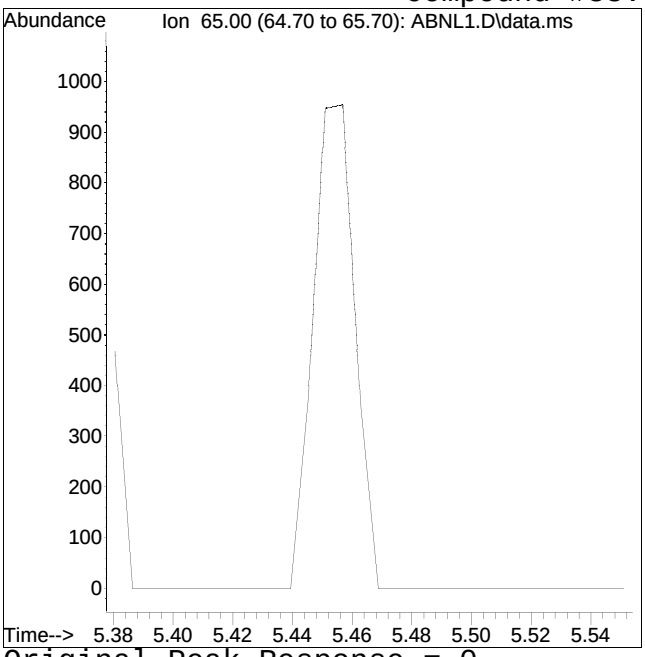
Manual Peak Response = 893 M2

M2 = Peak not found by automatic integration algorithm.

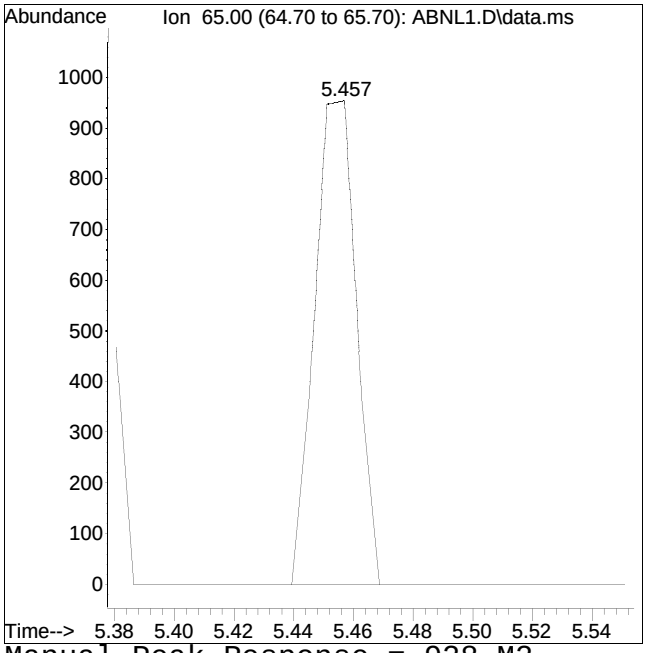
Manual Integration Report

Data Path : I:\8270\Juliet\250614ical\QMethod : FS250614Juliet.m
Data File : ABNL1.D Operator : Juliet:slr
Date Inj'd : 6/14/2025 4:38 pm Instrument : Juliet
Sample : IL10,32,,ABNL1 Lot# 11624 Quant Date : 6/15/2025 5:52 pm

Compound #38: 4-Chloroaniline



Original Peak Response = 0



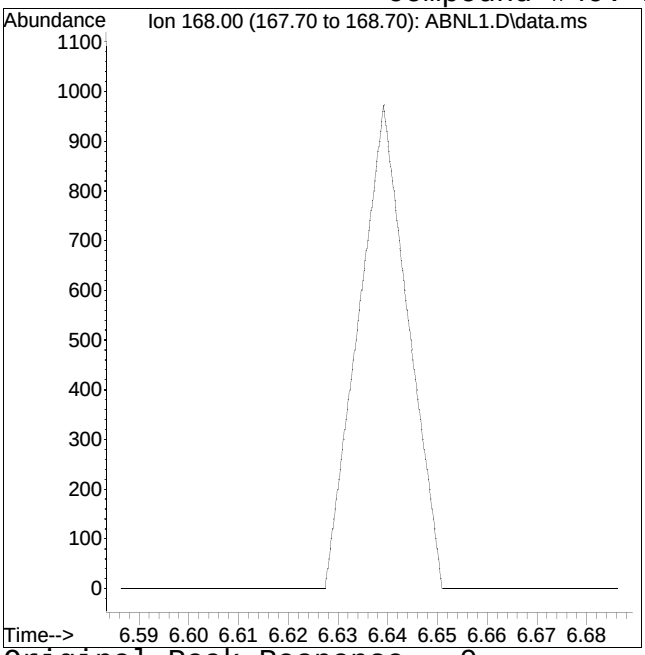
Manual Peak Response = 928 M2

M2 = Peak not found by automatic integration algorithm.

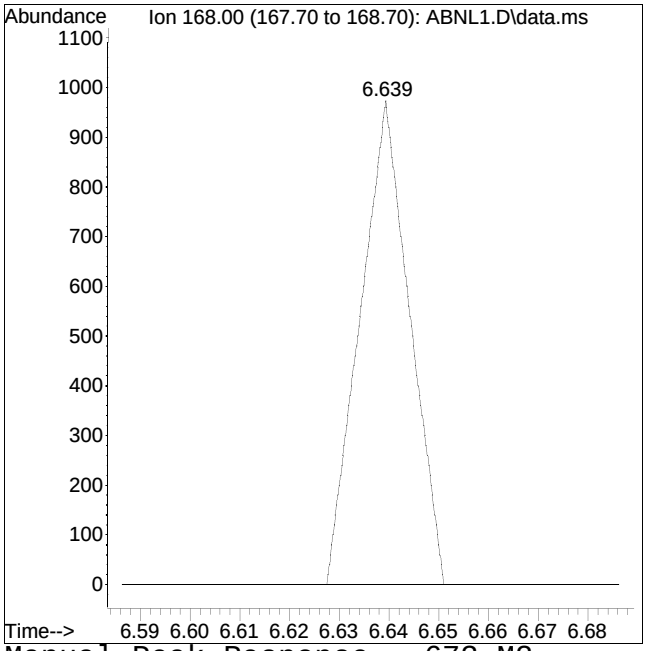
Manual Integration Report

Data Path : I:\8270\Juliet\250614ical\QMethod : FS250614Juliet.m
Data File : ABNL1.D Operator : Juliet:slr
Date Inj'd : 6/14/2025 4:38 pm Instrument : Juliet
Sample : IL10,32,,ABNL1 Lot# 11624 Quant Date : 6/15/2025 5:52 pm

Compound #49: 1,4-Dinitrobenzene



Original Peak Response = 0



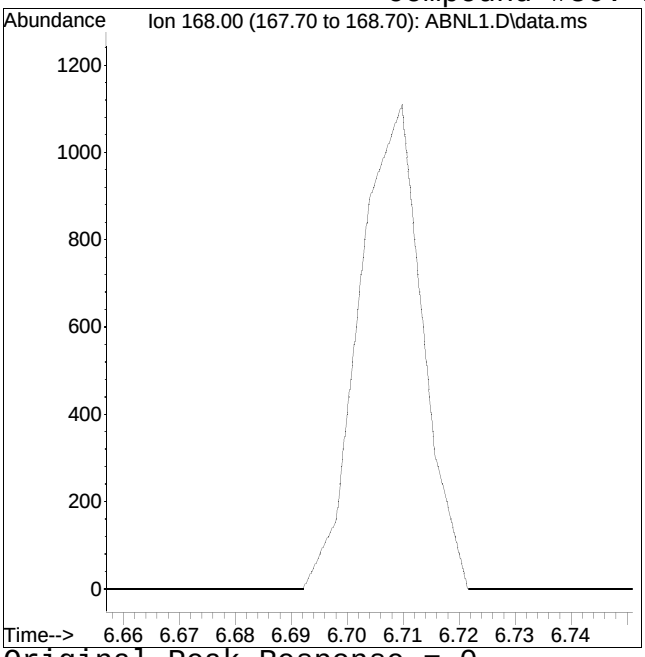
Manual Peak Response = 673 M2

M2 = Peak not found by automatic integration algorithm.

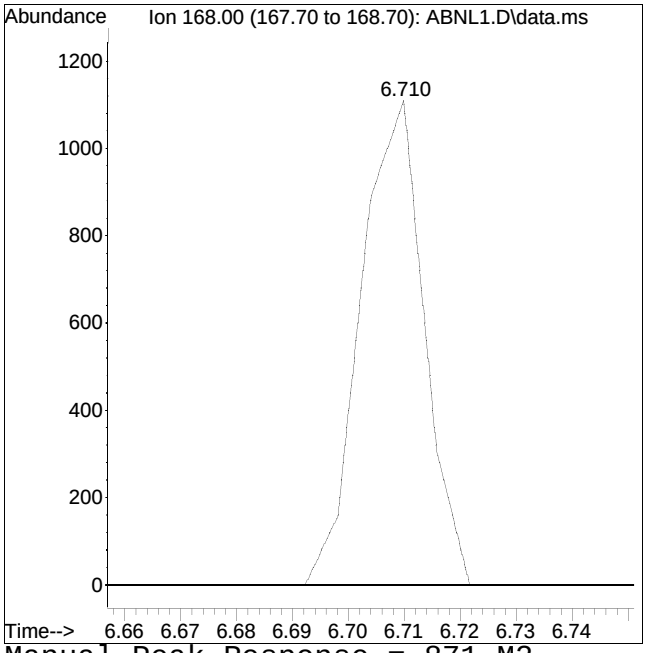
Manual Integration Report

Data Path : I:\8270\Juliet\250614ical\QMethod : FS250614Juliet.m
Data File : ABNL1.D Operator : Juliet:slr
Date Inj'd : 6/14/2025 4:38 pm Instrument : Juliet
Sample : IL10,32,,ABNL1 Lot# 11624 Quant Date : 6/15/2025 5:52 pm

Compound #50: 1,3-Dinitrobenzene



Original Peak Response = 0



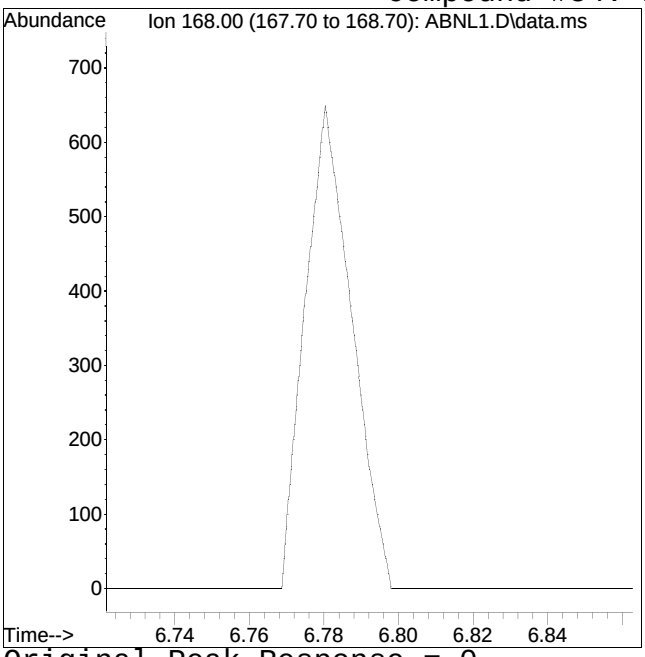
Manual Peak Response = 871 M2

M2 = Peak not found by automatic integration algorithm.

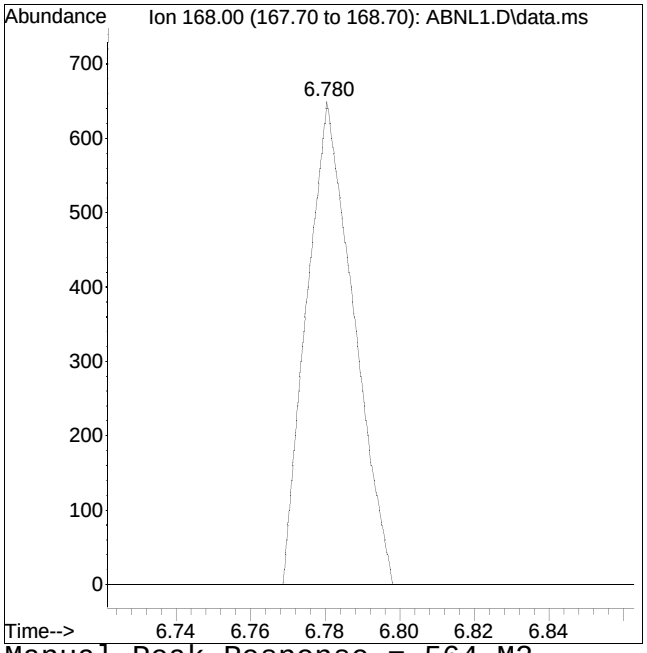
Manual Integration Report

Data Path : I:\8270\Juliet\250614ical\QMethod : FS250614Juliet.m
Data File : ABNL1.D Operator : Juliet:slr
Date Inj'd : 6/14/2025 4:38 pm Instrument : Juliet
Sample : IL10,32,,ABNL1 Lot# 11624 Quant Date : 6/15/2025 5:52 pm

Compound #54: 1,2-Dinitrobenzene



Original Peak Response = 0



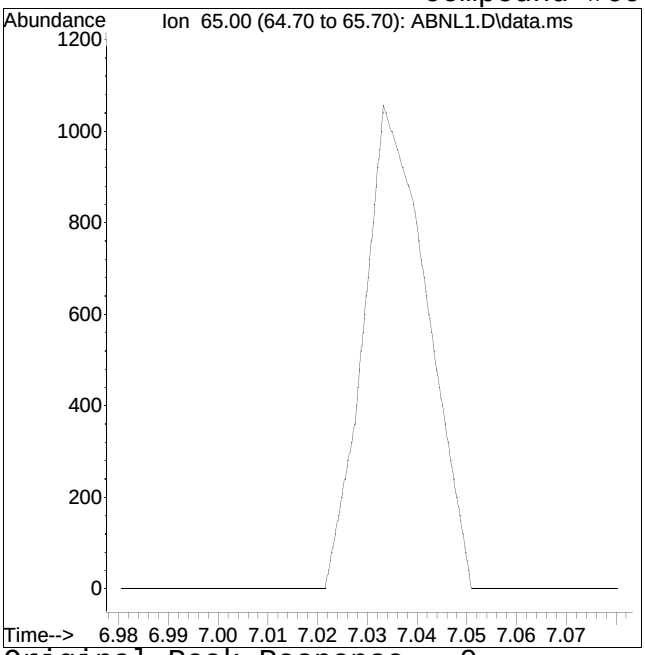
Manual Peak Response = 564 M2

M2 = Peak not found by automatic integration algorithm.

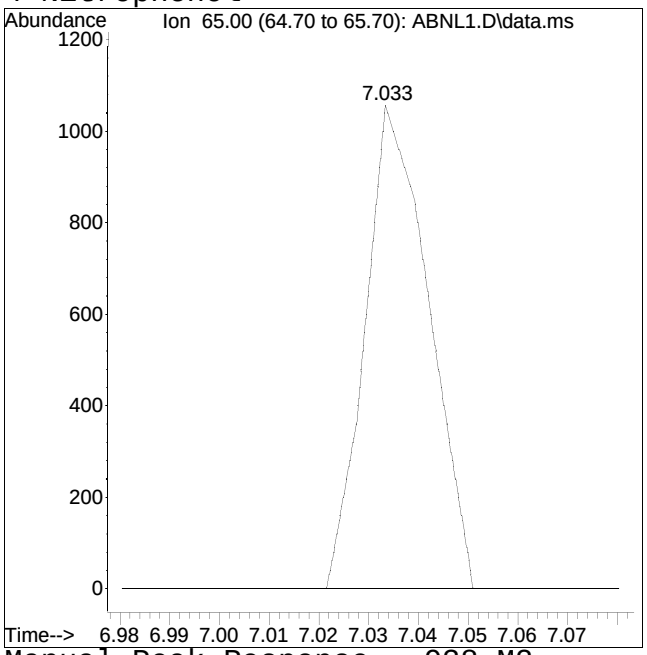
Manual Integration Report

Data Path : I:\8270\Juliet\250614ical\QMethod : FS250614Juliet.m
Data File : ABNL1.D Operator : Juliet:slr
Date Inj'd : 6/14/2025 4:38 pm Instrument : Juliet
Sample : IL10,32,,ABNL1 Lot# 11624 Quant Date : 6/15/2025 5:52 pm

Compound #69: 4-Nitrophenol



Original Peak Response = 0



Manual Peak Response = 938 M2

M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : AP9L10.D
Acq On : 14 Jun 2025 5:02 pm
Operator : Juliet:slr
Sample : IL11,32,,AP9L200 Lot# 11625
Misc : WG2079414,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 15 19:57:39 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 19:58:09 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	4.287	152	104111	40.000	ug/ml	# 0.00
Standard Area 1 = 102403			Recovery = 101.67%			
55) IS2_Naphthalene-d8	5.387	136	385178	40.000	ug/ml	0.00
Standard Area 1 = 383778			Recovery = 100.36%			
83) IS2_Acenaphthene-d10	6.922	164	274425	40.000	ug/ml	0.00
Standard Area 1 = 274504			Recovery = 99.97%			
98) IS2_Phenanthrene-d10	8.222	188	613159	40.000	ug/ml	# 0.00
Standard Area 1 = 610489			Recovery = 100.44%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.916	105	431273	189.196	ug/ml	89
29) Acetophenone	4.634	105	763971	188.155	ug/ml	96
30) m-Toluidine	4.704	106	793657	238.585	ug/ml	95
31) 2-Chloroaniline	5.028	127	797418	187.620	ug/ml	96
56) a-Terpineol	5.434	59	350122	195.163	ug/ml	92
57) 3-Chloroaniline	5.445	65	188933	168.667	ug/ml#	68
58) 2,6-Dichlorophenol	5.475	162	672488	202.707	ug/ml#	87
59) 1-chloro-2-nitrobenzene	5.698	111	242784	209.083	ug/ml#	85
60) Caprolactam	5.757	55	217271	190.810	ug/ml	91
61) 1,2,4,5-Tetrachloroben...	6.169	216	1049279	189.291	ug/ml	97
62) Biphenyl	6.428	154	1901615	189.536	ug/ml	99
84) Dichloran	7.939	206	343359	272.385	ug/ml#	67
85) Pentachloronitrobenzene	8.081	237	294248	270.677	ug/ml#	87
99) Diphenamid	9.033	167	1665477	208.670	ug/ml#	71

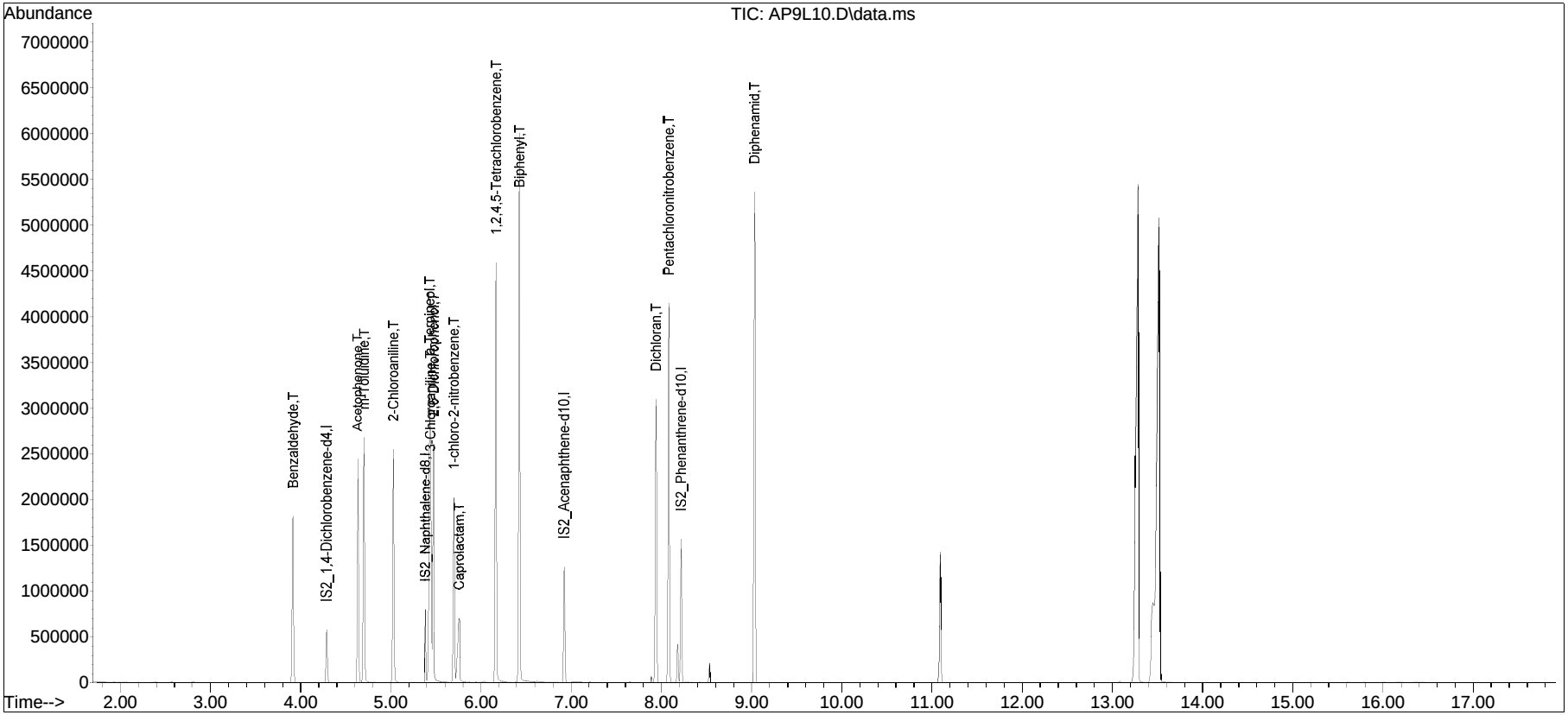
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : AP9L10.D
Acq On : 14 Jun 2025 5:02 pm
Operator : Juliet:slr
Sample : IL11,32,,AP9L200 Lot# 11625
Misc : WG2079414,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 15 19:57:39 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 19:58:09 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistcal\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Juliet\250614ical\	QMethod	: FS250614Juliet.m
Data File	: AP9L10.D	Operator	: Juliet:slr
Date Inj'd	: 6/14/2025 5:02 pm	Instrument	: Juliet
Sample	: IL11,32,,AP9L200 Lot# 1162	Quant Date	: 6/15/2025 7:58 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : AP9L9.D
Acq On : 14 Jun 2025 5:25 pm
Operator : Juliet:slr
Sample : IL12,32,,AP9L150 Lot# 11626
Misc : WG2079414,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 15 20:01:44 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 20:02:15 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
27) IS2_1,4-Dichlorobenzen...	4.287	152	87026	40.000	ug/ml		0.00
Standard Area 1 = 102403			Recovery =	84.98%			
55) IS2_Naphthalene-d8	5.386	136	326198	40.000	ug/ml		0.00
Standard Area 1 = 383778			Recovery =	85.00%			
83) IS2_Acenaphthene-d10	6.922	164	230242	40.000	ug/ml		0.00
Standard Area 1 = 274504			Recovery =	83.88%			
98) IS2_Phenanthrene-d10	8.222	188	519655	40.000	ug/ml	#	0.00
Standard Area 1 = 610489			Recovery =	85.12%			
System Monitoring Compounds							
Target Compounds							Qvalue
28) Benzaldehyde	3.910	105	282233	133.795	ug/ml		90
29) Acetophenone	4.634	105	500438	128.636	ug/ml		96
30) m-Toluidine	4.704	106	518568	147.285	ug/ml		96
31) 2-Chloroaniline	5.028	127	514454	130.250	ug/ml		97
56) a-Terpineol	5.428	59	240070	135.374	ug/ml		92
57) 3-Chloroaniline	5.439	65	124202	123.227	ug/ml	#	64
58) 2,6-Dichlorophenol	5.469	162	444404	139.858	ug/ml	#	88
59) 1-chloro-2-nitrobenzene	5.698	111	161724	142.103	ug/ml	#	85
60) Caprolactam	5.751	55	144474	135.197	ug/ml		93
61) 1,2,4,5-Tetrachloroben...	6.169	216	663830	127.628	ug/ml		96
62) Biphenyl	6.428	154	1232919	128.892	ug/ml		99
84) Dichloran	7.939	206	216378	174.343	ug/ml	#	69
85) Pentachloronitrobenzene	8.075	237	188151	163.069	ug/ml	#	89
99) Diphenamid	9.033	167	1048363	136.029	ug/ml	#	72

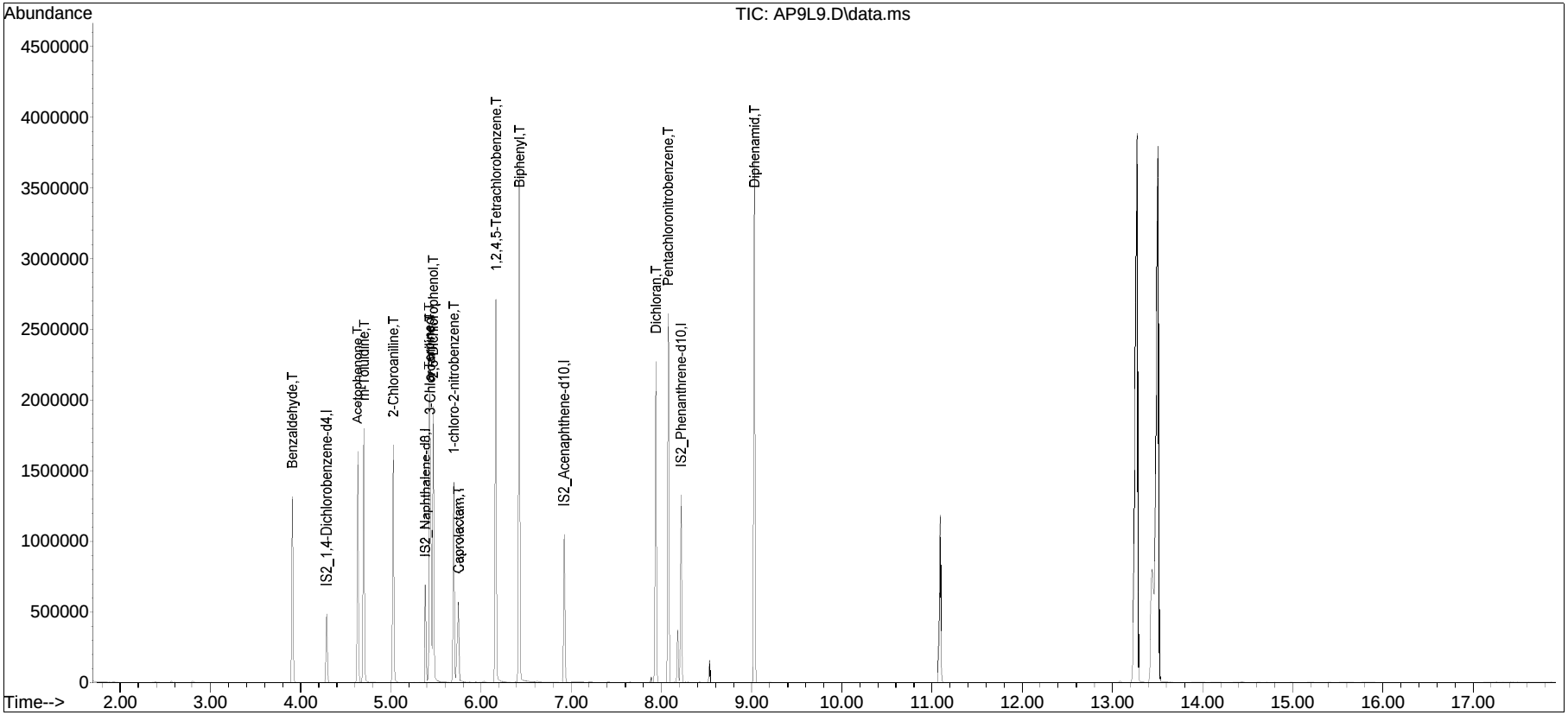
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : AP9L9.D
Acq On : 14 Jun 2025 5:25 pm
Operator : Juliet:slr
Sample : IL12,32,,AP9L150 Lot# 11626
Misc : WG2079414,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 15 20:01:44 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 20:02:15 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistcal\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Juliet\250614ical\	QMethod	: FS250614Juliet.m
Data File	: AP9L9.D	Operator	: Juliet:slr
Date Inj'd	: 6/14/2025 5:25 pm	Instrument	: Juliet
Sample	: IL12,32,,AP9L150 Lot# 1162	Quant Date	: 6/15/2025 8:02 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : AP9L8.D
Acq On : 14 Jun 2025 5:49 pm
Operator : Juliet:slr
Sample : IL13,32,,AP9L100 Lot# 11627
Misc : WG2079414,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 15 20:01:12 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 20:01:39 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
27) IS2_1,4-Dichlorobenzen...	4.287	152	97411	40.000	ug/ml		0.00
Standard Area 1 = 102403			Recovery =	95.13%			
55) IS2_Naphthalene-d8	5.387	136	375239	40.000	ug/ml		0.00
Standard Area 1 = 383778			Recovery =	97.78%			
83) IS2_Acenaphthene-d10	6.922	164	266029	40.000	ug/ml		0.00
Standard Area 1 = 274504			Recovery =	96.91%			
98) IS2_Phenanthrene-d10	8.222	188	597677	40.000	ug/ml	#	0.00
Standard Area 1 = 610489			Recovery =	97.90%			
System Monitoring Compounds							
Target Compounds							Qvalue
28) Benzaldehyde	3.910	105	204911	97.396	ug/ml		90
29) Acetophenone	4.634	105	395908	102.843	ug/ml		96
30) m-Toluidine	4.704	106	392715	114.418	ug/ml		95
31) 2-Chloroaniline	5.028	127	402339	102.945	ug/ml		97
56) a-Terpineol	5.428	59	183651	101.037	ug/ml		92
57) 3-Chloroaniline	5.440	65	98396	94.581	ug/ml	#	71
58) 2,6-Dichlorophenol	5.469	162	340906	105.332	ug/ml	#	89
59) 1-chloro-2-nitrobenzene	5.699	111	124655	108.053	ug/ml	#	86
60) Caprolactam	5.746	55	113310	106.494	ug/ml		91
61) 1,2,4,5-Tetrachloroben...	6.163	216	528119	99.027	ug/ml		96
62) Biphenyl	6.428	154	956399	97.139	ug/ml		100
84) Dichloran	7.940	206	160800	131.768	ug/ml	#	71
85) Pentachloronitrobenzene	8.075	237	141707	123.070	ug/ml	#	88
99) Diphenamid	9.034	167	798797	101.478	ug/ml	#	73

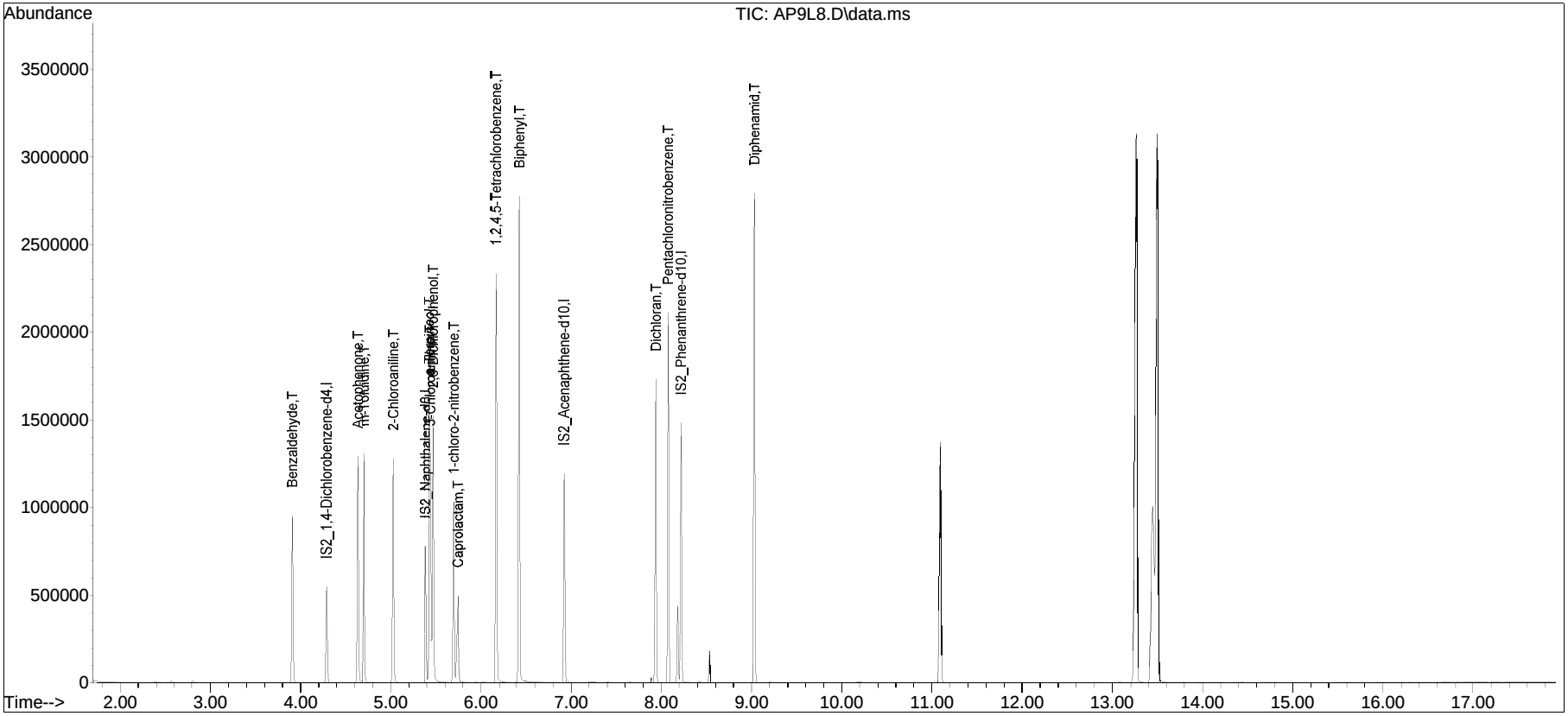
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : AP9L8.D
Acq On : 14 Jun 2025 5:49 pm
Operator : Juliet:slr
Sample : IL13,32,,AP9L100 Lot# 11627
Misc : WG2079414,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jun 15 20:01:12 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 20:01:39 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistcal\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Juliet\250614ical\	QMethod	: FS250614Juliet.m
Data File	: AP9L8.D	Operator	: Juliet:slr
Date Inj'd	: 6/14/2025 5:49 pm	Instrument	: Juliet
Sample	: IL13,32,,AP9L100 Lot# 1162	Quant Date	: 6/15/2025 8:01 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : AP9L7.D
Acq On : 14 Jun 2025 6:12 pm
Operator : Juliet:slr
Sample : IL14,32,,AP9L50 Lot# 11628
Misc : WG2079414,,
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 16 11:43:02 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jun 16 11:43:31 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
27) IS2_1,4-Dichlorobenzen...	4.287	152	102403	40.000	ug/ml		0.00
Standard Area 1 = 102403			Recovery = 100.00%				
55) IS2_Naphthalene-d8	5.387	136	383778	40.000	ug/ml		0.00
Standard Area 1 = 383778			Recovery = 100.00%				
83) IS2_Acenaphthene-d10	6.922	164	274504	40.000	ug/ml		0.00
Standard Area 1 = 274504			Recovery = 100.00%				
98) IS2_Phenanthrene-d10	8.222	188	610489	40.000	ug/ml	#	0.00
Standard Area 1 = 610489			Recovery = 100.00%				
System Monitoring Compounds							
Target Compounds							Qvalue
28) Benzaldehyde	3.910	105	107235	48.606	ug/ml		90
29) Acetophenone	4.634	105	203871	50.385	ug/ml		97
30) m-Toluidine	4.698	106	199791	53.907	ug/ml		95
31) 2-Chloroaniline	5.028	127	207168	50.364	ug/ml		97
56) a-Terpineol	5.422	59	96876M1	51.990	ug/ml		
57) 3-Chloroaniline	5.439	65	51906	49.469	ug/ml		75
58) 2,6-Dichlorophenol	5.469	162	177163	52.958	ug/ml	#	89
59) 1-chloro-2-nitrobenzene	5.692	111	63863	53.297	ug/ml	#	87
60) Caprolactam	5.734	55	56727	51.520	ug/ml		93
61) 1,2,4,5-Tetrachloroben...	6.163	216	273933	50.500	ug/ml		97
62) Biphenyl	6.422	154	504424M1	50.438	ug/ml		
84) Dichloran	7.933	206	77726	51.992	ug/ml	#	73
85) Pentachloronitrobenzene	8.075	237	71217	54.726	ug/ml	#	89
99) Diphenamid	9.027	167	410457	50.866	ug/ml	#	74

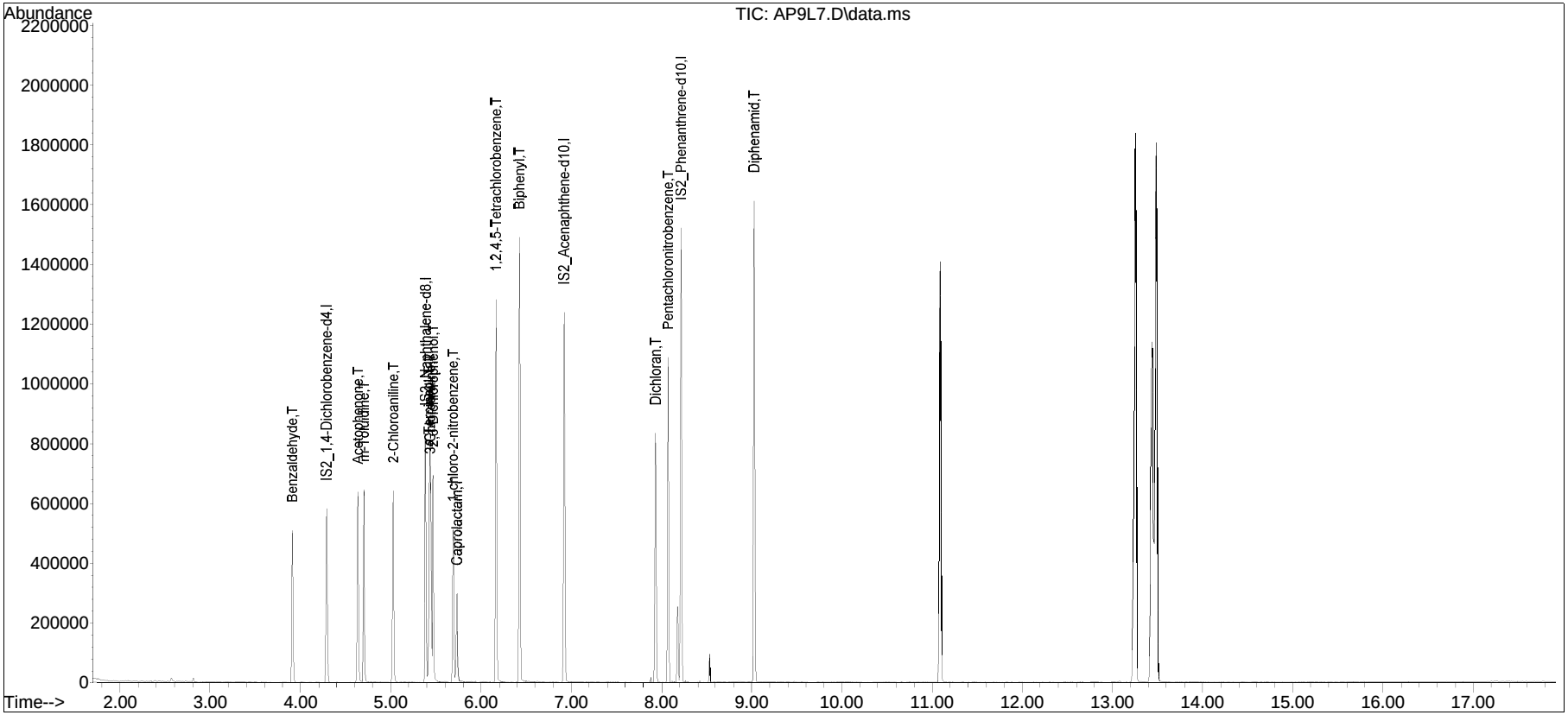
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : AP9L7.D
Acq On : 14 Jun 2025 6:12 pm
Operator : Juliet:slr
Sample : IL14,32,,AP9L50 Lot# 11628
Misc : WG2079414,,
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jun 16 11:43:02 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jun 16 11:43:31 2025
Response via : Initial Calibration

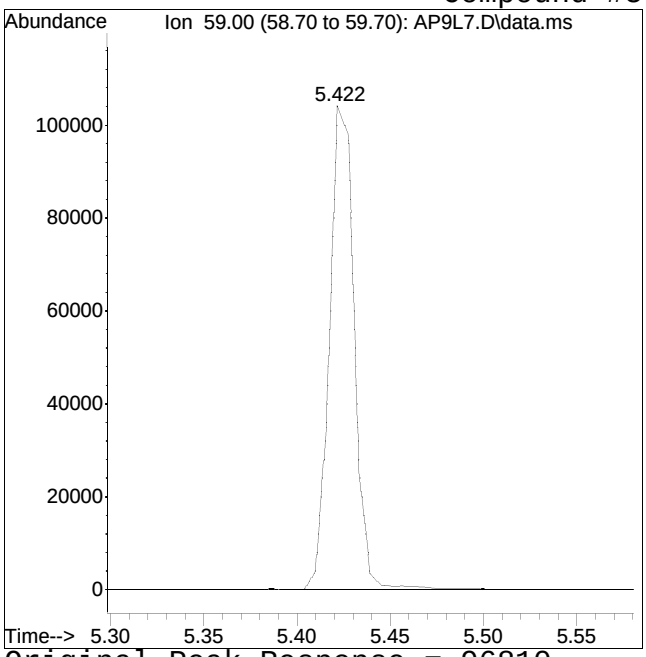
Sub List : AP9ical - AP9 ical sublistcal\AP9L7.D•

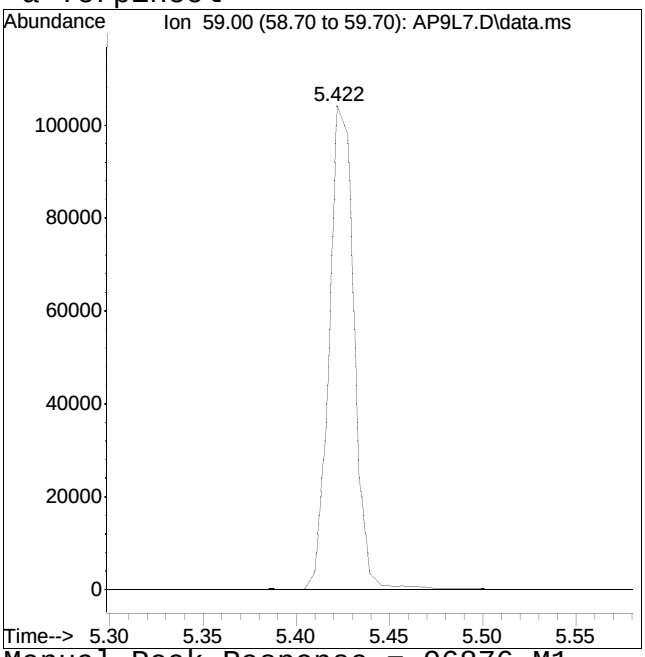


Manual Integration Report

Data Path : I:\8270\Juliet\250614ical\QMethod : FS250614Juliet.m
Data File : AP9L7.D Operator : Juliet:slr
Date Inj'd : 6/14/2025 6:12 pm Instrument : Juliet
Sample : IL14,32,,AP9L50 Lot# 11628Quant Date : 6/16/2025 11:43 am

Compound #56: a-Terpineol



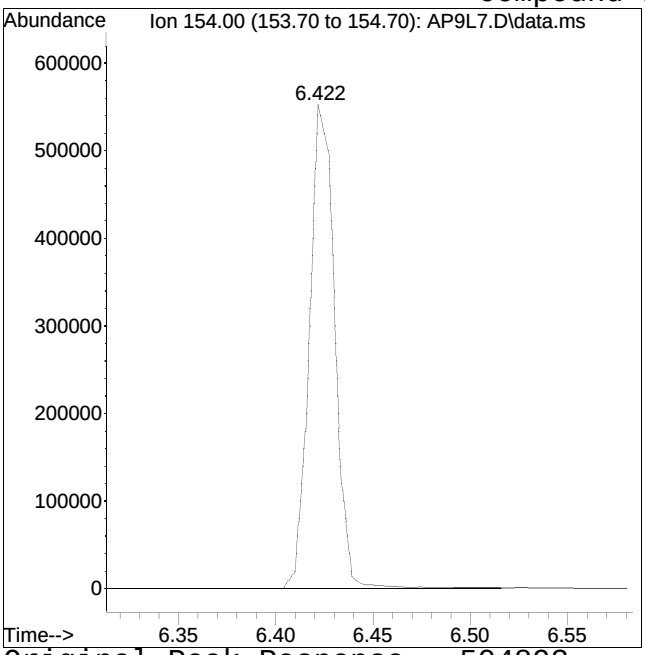


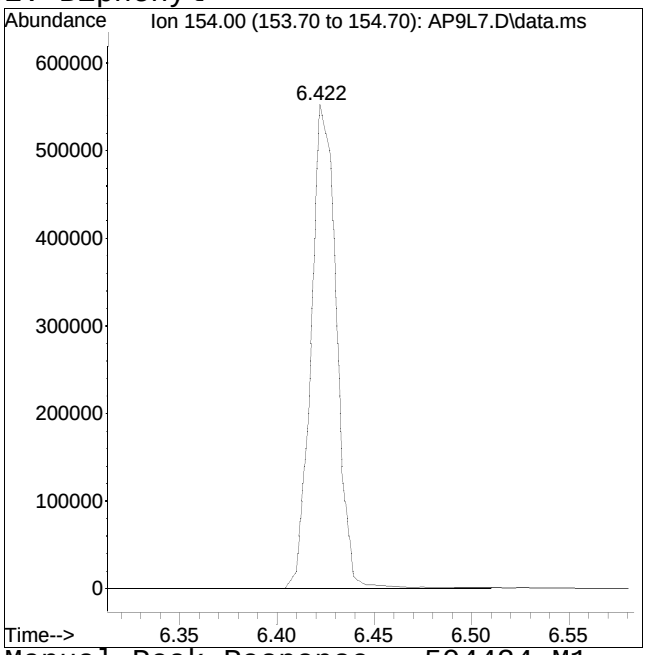
Original Peak Response = 96810 Manual Peak Response = 96876 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\8270\Juliet\250614ical\QMethod : FS250614Juliet.m
Data File : AP9L7.D Operator : Juliet:slr
Date Inj'd : 6/14/2025 6:12 pm Instrument : Juliet
Sample : IL14,32,,AP9L50 Lot# 11628Quant Date : 6/16/2025 11:43 am

Compound #62: Biphenyl





Original Peak Response = 504893 Manual Peak Response = 504424 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : AP9L6.D
Acq On : 14 Jun 2025 6:36 pm
Operator : Juliet:slr
Sample : IL15,32,,AP9L25 Lot# 11629
Misc : WG2079414,,
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 15 20:00:35 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 20:01:08 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
27) IS2_1,4-Dichlorobenzen...	4.287	152	92044	40.000	ug/ml		0.00
Standard Area 1 = 102403			Recovery = 89.88%				
55) IS2_Naphthalene-d8	5.387	136	351710	40.000	ug/ml		0.00
Standard Area 1 = 383778			Recovery = 91.64%				
83) IS2_Acenaphthene-d10	6.922	164	256806	40.000	ug/ml		0.00
Standard Area 1 = 274504			Recovery = 93.55%				
98) IS2_Phenanthrene-d10	8.222	188	584519	40.000	ug/ml	#	0.00
Standard Area 1 = 610489			Recovery = 95.75%				
System Monitoring Compounds							
Target Compounds							Qvalue
28) Benzaldehyde	3.910	105	49481	24.874	ug/ml		93
29) Acetophenone	4.634	105	95818	26.545	ug/ml		95
30) m-Toluidine	4.698	106	94038	29.673	ug/ml		94
31) 2-Chloroaniline	5.028	127	97240	26.533	ug/ml		96
56) a-Terpineol	5.422	59	46448	27.620	ug/ml		94
57) 3-Chloroaniline	5.440	65	25256	26.035	ug/ml		73
58) 2,6-Dichlorophenol	5.463	162	82083	27.380	ug/ml	#	89
59) 1-chloro-2-nitrobenzene	5.693	111	29261	27.383	ug/ml	#	88
60) Caprolactam	5.728	55	28869	29.730	ug/ml		93
61) 1,2,4,5-Tetrachloroben...	6.163	216	124932	24.992	ug/ml	#	96
62) Biphenyl	6.422	154	237066	25.791	ug/ml		100
84) Dichloran	7.934	206	33752	29.262	ug/ml	#	79
85) Pentachloronitrobenzene	8.075	237	32827	30.319	ug/ml	#	89
99) Diphenamid	9.028	167	202660	26.526	ug/ml	#	74

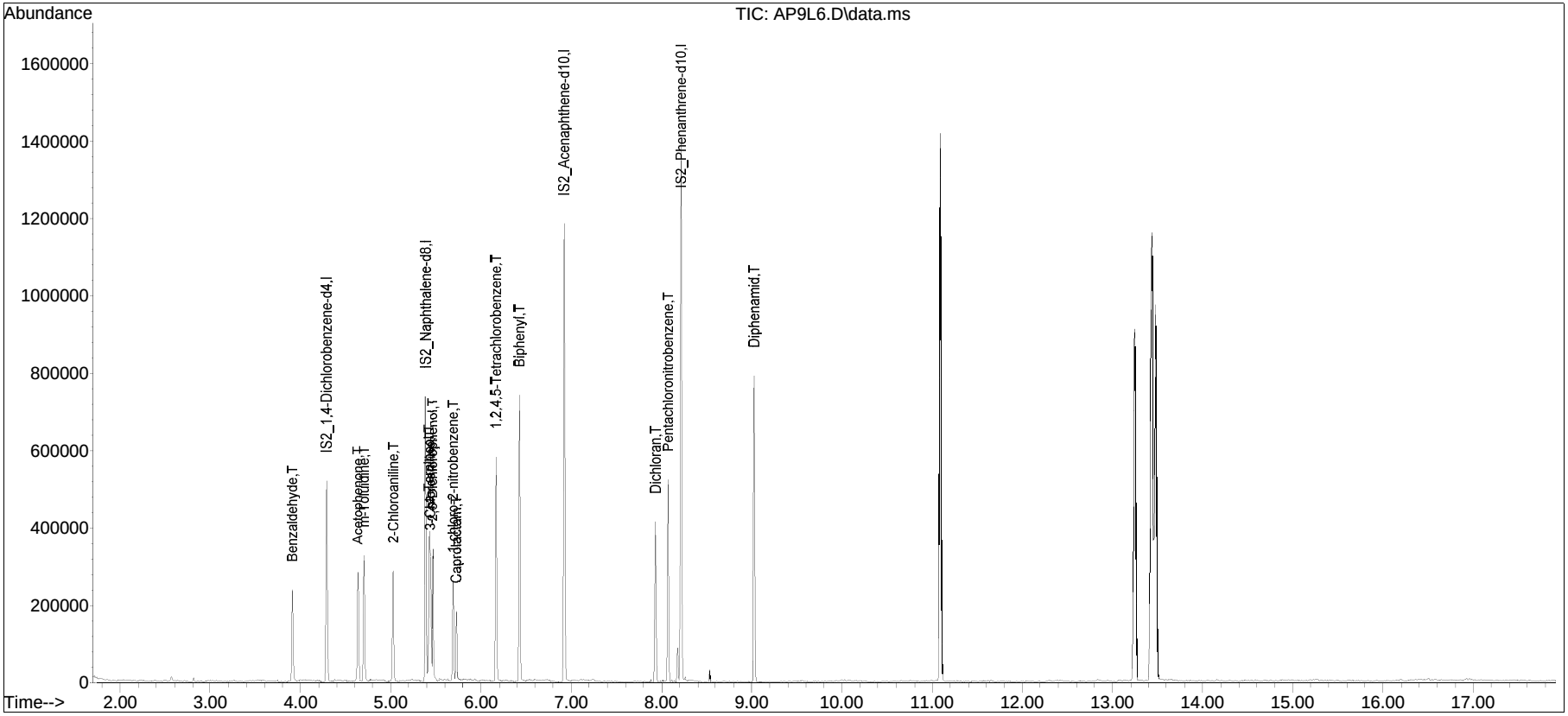
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : AP9L6.D
Acq On : 14 Jun 2025 6:36 pm
Operator : Juliet:slr
Sample : IL15,32,,AP9L25 Lot# 11629
Misc : WG2079414,,
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jun 15 20:00:35 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 20:01:08 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistcal\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Juliet\250614ical\	QMethod	: FS250614Juliet.m
Data File	: AP9L6.D	Operator	: Juliet:slr
Date Inj'd	: 6/14/2025 6:36 pm	Instrument	: Juliet
Sample	: IL15,32,,AP9L25 Lot# 11629	Quant Date	: 6/15/2025 8:01 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : AP9L5.D
Acq On : 14 Jun 2025 7:00 pm
Operator : Juliet:slr
Sample : IL16,32,,AP9L10 Lot# 11630
Misc : WG2079414,,
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 15 20:04:43 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 20:00:46 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	4.287	152	88816	40.000	ug/ml	0.00
Standard Area 1 = 102403			Recovery =	86.73%		
55) IS2_Naphthalene-d8	5.387	136	335001	40.000	ug/ml	0.00
Standard Area 1 = 383778			Recovery =	87.29%		
83) IS2_Acenaphthene-d10	6.922	164	243552	40.000	ug/ml	0.00
Standard Area 1 = 274504			Recovery =	88.72%		
98) IS2_Phenanthrene-d10	8.222	188	553007	40.000	ug/ml #	0.00
Standard Area 1 = 610489			Recovery =	90.58%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.910	105	19962	10.469	ug/ml	92
29) Acetophenone	4.634	105	36852	10.684	ug/ml	97
30) m-Toluidine	4.698	106	33818	11.258	ug/ml	97
31) 2-Chloroaniline	5.028	127	37086	10.573	ug/ml#	96
56) a-Terpineol	5.422	59	16929	10.670	ug/ml	91
57) 3-Chloroaniline	5.434	65	9824	10.745	ug/ml	77
58) 2,6-Dichlorophenol	5.463	162	30991	11.010	ug/ml#	89
59) 1-chloro-2-nitrobenzene	5.692	111	10777	10.693	ug/ml	89
60) Caprolactam	5.722	55	10445	11.593	ug/ml	98
61) 1,2,4,5-Tetrachloroben...	6.163	216	49205	10.392	ug/ml#	96
62) Biphenyl	6.422	154	92153	10.618	ug/ml	99
84) Dichloran	7.934	206	11202	10.281	ug/ml#	80
85) Pentachloronitrobenzene	8.075	237	11501	11.429	ug/ml#	90
99) Diphenamid	9.028	167	75539	10.530	ug/ml#	74

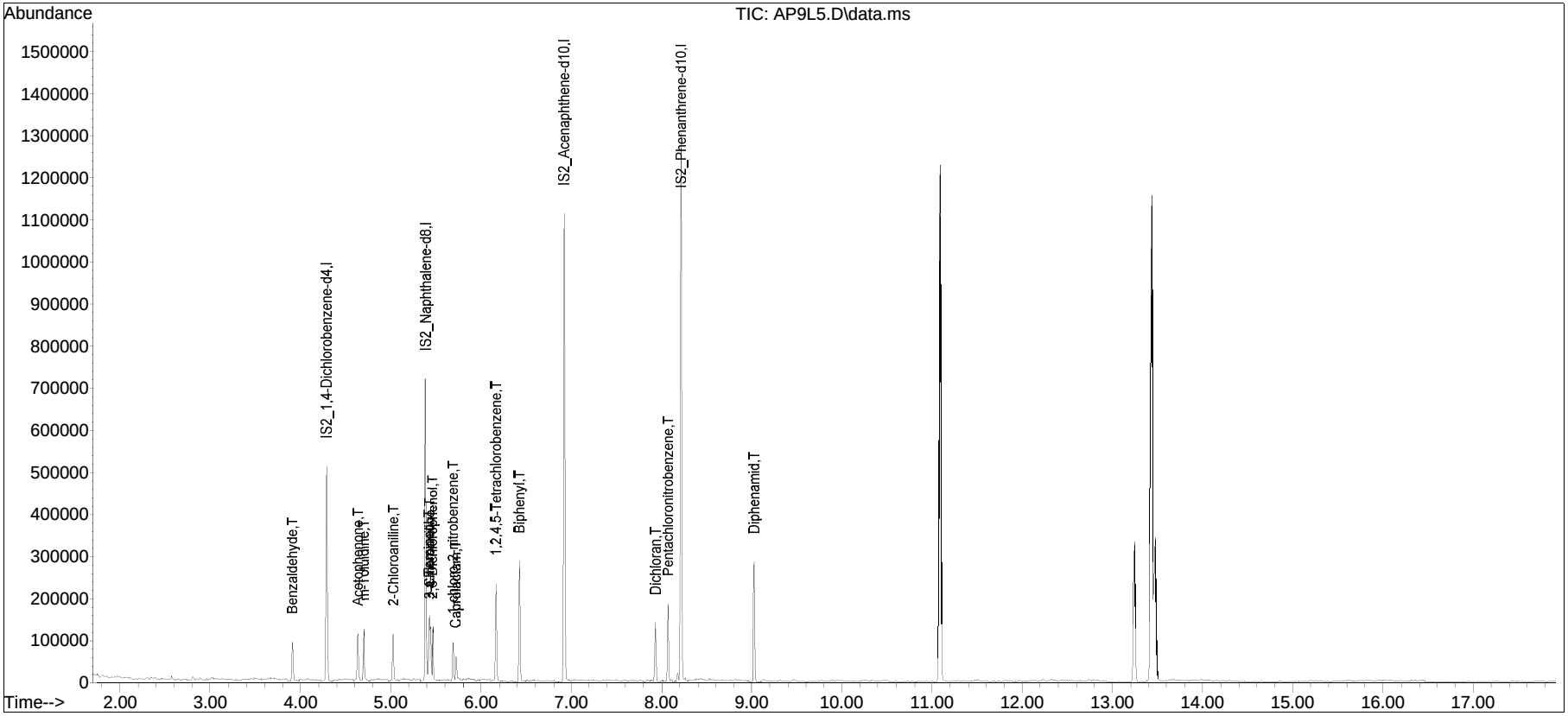
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : AP9L5.D
Acq On : 14 Jun 2025 7:00 pm
Operator : Juliet:slr
Sample : IL16,32,,AP9L10 Lot# 11630
Misc : WG2079414,,
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 15 20:04:43 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 20:00:46 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistcal\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Juliet\250614ical\	QMethod	: FS250614Juliet.m
Data File	: AP9L5.D	Operator	: Juliet:slr
Date Inj'd	: 6/14/2025 7:00 pm	Instrument	: Juliet
Sample	: IL16,32,,AP9L10 Lot# 11630	Quant Date	: 6/15/2025 8:00 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : AP9L4.D
Acq On : 14 Jun 2025 7:23 pm
Operator : Juliet:slr
Sample : IL17,32,,AP9L5 Lot# 11631
Misc : WG2079414,,
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 15 19:59:41 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 19:59:53 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
27) IS2_1,4-Dichlorobenzen...	4.287	152	86997	40.000	ug/ml		0.00
Standard Area 1 = 102403			Recovery = 84.96%				
55) IS2_Naphthalene-d8	5.387	136	325765	40.000	ug/ml		0.00
Standard Area 1 = 383778			Recovery = 84.88%				
83) IS2_Acenaphthene-d10	6.922	164	233055	40.000	ug/ml		0.00
Standard Area 1 = 274504			Recovery = 84.90%				
98) IS2_Phenanthrene-d10	8.222	188	528327	40.000	ug/ml	#	0.00
Standard Area 1 = 610489			Recovery = 86.54%				
System Monitoring Compounds							
Target Compounds							Qvalue
28) Benzaldehyde	3.910	105	9484	5.094	ug/ml		93
29) Acetophenone	4.634	105	17022	5.046	ug/ml		96
30) m-Toluidine	4.698	106	15660	5.391	ug/ml		95
31) 2-Chloroaniline	5.028	127	17294	5.040	ug/ml		96
56) a-Terpineol	5.422	59	7854	5.109	ug/ml		92
57) 3-Chloroaniline	5.434	65	4566	5.164	ug/ml	#	76
58) 2,6-Dichlorophenol	5.463	162	13735	5.021	ug/ml	#	88
59) 1-chloro-2-nitrobenzene	5.692	111	5029	5.159	ug/ml		92
60) Caprolactam	5.722	55	3965	4.421	ug/ml		95
61) 1,2,4,5-Tetrachloroben...	6.163	216	22866	4.959	ug/ml	#	94
62) Biphenyl	6.422	154	42956	5.108	ug/ml		96
84) Dichloran	7.933	206	4704	4.426	ug/ml	#	83
85) Pentachloronitrobenzene	8.075	237	4951	5.171	ug/ml	#	88
99) Diphenamid	9.027	167	35596	5.234	ug/ml	#	73

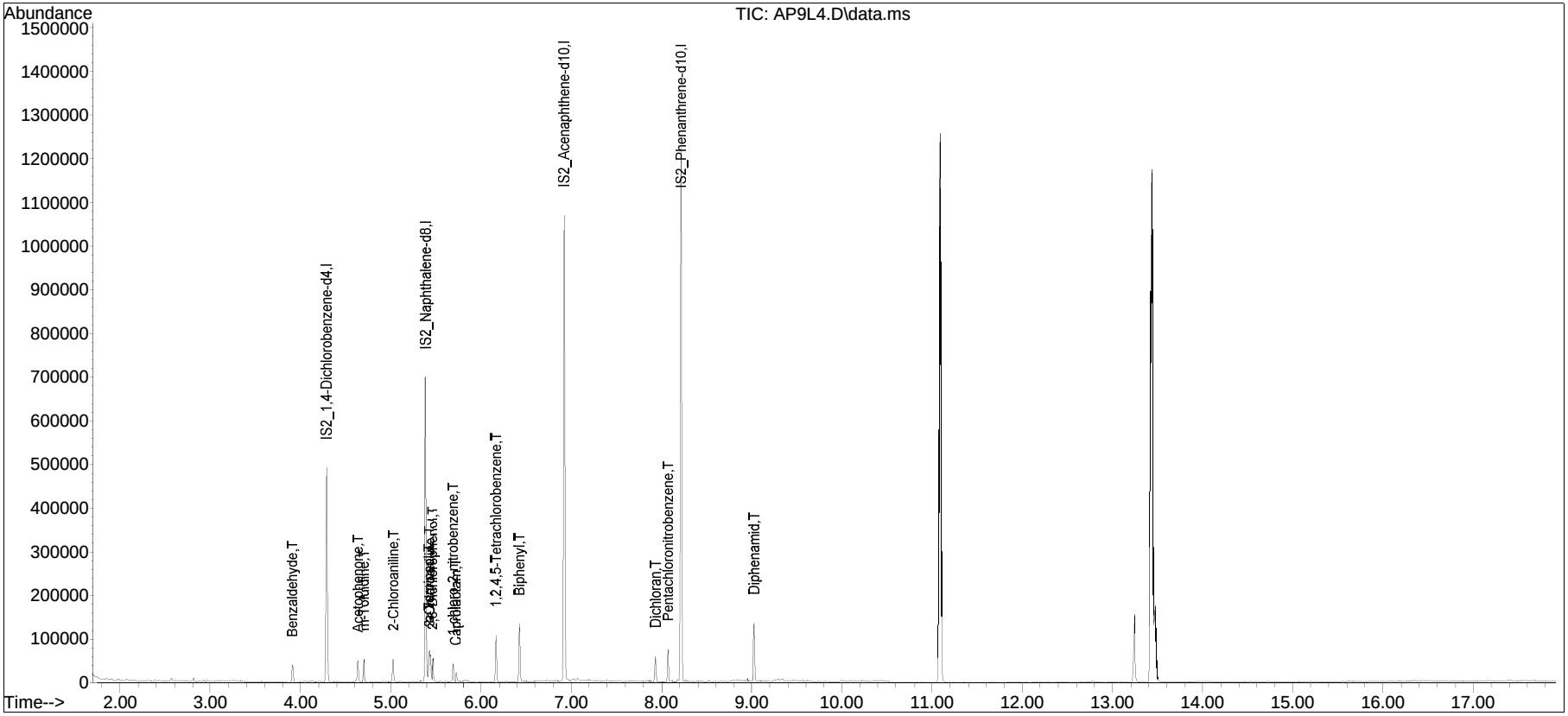
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : AP9L4.D
Acq On : 14 Jun 2025 7:23 pm
Operator : Juliet:slr
Sample : IL17,32,,AP9L5 Lot# 11631
Misc : WG2079414,,
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 15 19:59:41 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 19:59:53 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistcal\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Juliet\250614ical\	QMethod	: FS250614Juliet.m
Data File	: AP9L4.D	Operator	: Juliet:slr
Date Inj'd	: 6/14/2025 7:23 pm	Instrument	: Juliet
Sample	: IL17,32,,AP9L5 Lot# 11631	Quant Date	: 6/15/2025 7:59 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : AP9L3.D
Acq On : 14 Jun 2025 7:47 pm
Operator : Juliet:slr
Sample : IL18,32,,AP9L3 Lot# 11632
Misc : WG2079414,,
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 15 19:58:47 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 19:59:18 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
27) IS2_1,4-Dichlorobenzen...	4.287	152	96344	40.000	ug/ml		0.00
Standard Area 1 = 102403			Recovery = 94.08%				
55) IS2_Naphthalene-d8	5.387	136	353439	40.000	ug/ml		0.00
Standard Area 1 = 383778			Recovery = 92.09%				
83) IS2_Acenaphthene-d10	6.922	164	248777	40.000	ug/ml		0.00
Standard Area 1 = 274504			Recovery = 90.63%				
98) IS2_Phenanthrene-d10	8.222	188	574428	40.000	ug/ml	#	0.00
Standard Area 1 = 610489			Recovery = 94.09%				
System Monitoring Compounds							
Target Compounds							Qvalue
28) Benzaldehyde	3.916	105	5975	2.873	ug/ml		95
29) Acetophenone	4.634	105	11238	3.010	ug/ml		96
30) m-Toluidine	4.704	106	9870	3.086	ug/ml		94
31) 2-Chloroaniline	5.028	127	10811	2.809	ug/ml	#	95
56) a-Terpineol	5.422	59	4880	2.908	ug/ml		90
57) 3-Chloroaniline	5.434	65	2759	2.847	ug/ml	#	64
58) 2,6-Dichlorophenol	5.463	162	8531	2.845	ug/ml	#	89
59) 1-chloro-2-nitrobenzene	5.693	111	3301	3.153	ug/ml	#	82
60) Caprolactam	5.728	55	2805	2.845	ug/ml		98
61) 1,2,4,5-Tetrachloroben...	6.163	216	14908	2.975	ug/ml	#	94
62) Biphenyl	6.422	154	27310	2.992	ug/ml		98
84) Dichloran	7.934	206	2721	2.284	ug/ml	#	77
85) Pentachloronitrobenzene	8.075	237	2747	2.620	ug/ml	#	83
99) Diphenamid	9.028	167	20781	2.767	ug/ml	#	74

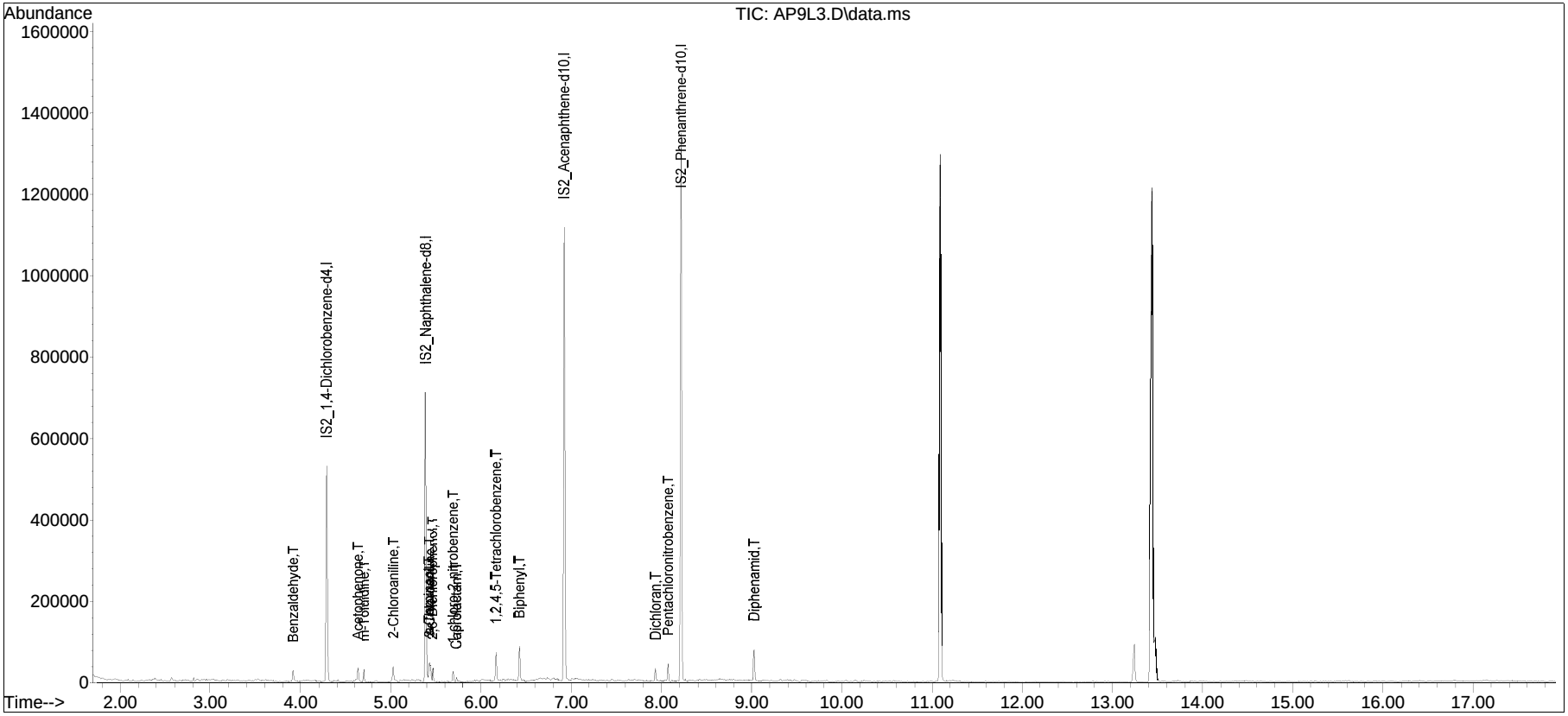
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : AP9L3.D
Acq On : 14 Jun 2025 7:47 pm
Operator : Juliet:slr
Sample : IL18,32,,AP9L3 Lot# 11632
Misc : WG2079414,,
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 15 19:58:47 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 19:59:18 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistcal\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Juliet\250614ical\	QMethod	: FS250614Juliet.m
Data File	: AP9L3.D	Operator	: Juliet:slr
Date Inj'd	: 6/14/2025 7:47 pm	Instrument	: Juliet
Sample	: IL18,32,,AP9L3 Lot# 11632	Quant Date	: 6/15/2025 7:59 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : AP9L2.D
Acq On : 14 Jun 2025 8:11 pm
Operator : Juliet:slr
Sample : IL19,32,,AP9L2 Lot# 11633
Misc : WG2079414,,
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 15 19:58:12 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 19:58:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	4.287	152	86237	40.000	ug/ml	0.00
Standard Area 1 = 102403			Recovery =	84.21%		
55) IS2_Naphthalene-d8	5.387	136	315484	40.000	ug/ml	0.00
Standard Area 1 = 383778			Recovery =	82.20%		
83) IS2_Acenaphthene-d10	6.922	164	224062	40.000	ug/ml	0.00
Standard Area 1 = 274504			Recovery =	81.62%		
98) IS2_Phenanthrene-d10	8.222	188	510424	40.000	ug/ml #	0.00
Standard Area 1 = 610489			Recovery =	83.61%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.916	105	3765	2.031	ug/ml	87
29) Acetophenone	4.634	105	6954	2.109	ug/ml	96
30) m-Toluidine	4.699	106	5307	1.810	ug/ml#	89
31) 2-Chloroaniline	5.028	127	6874	1.994	ug/ml#	96
56) a-Terpineol	5.422	59	3238	2.222	ug/ml	95
57) 3-Chloroaniline	5.440	65	1704	1.960	ug/ml#	71
58) 2,6-Dichlorophenol	5.463	162	5036	1.845	ug/ml#	88
59) 1-chloro-2-nitrobenzene	5.693	111	1684	1.744	ug/ml	92
60) Caprolactam	5.734	55	1635	1.794	ug/ml#	26
61) 1,2,4,5-Tetrachloroben...	6.163	216	9024	2.024	ug/ml	92
62) Biphenyl	6.422	154	16738	2.073	ug/ml	99
84) Dichloran	7.934	206	1665	1.444	ug/ml#	76
85) Pentachloronitrobenzene	8.075	237	1603	1.616	ug/ml#	57
99) Diphenamid	9.028	167	12951	1.921	ug/ml#	74

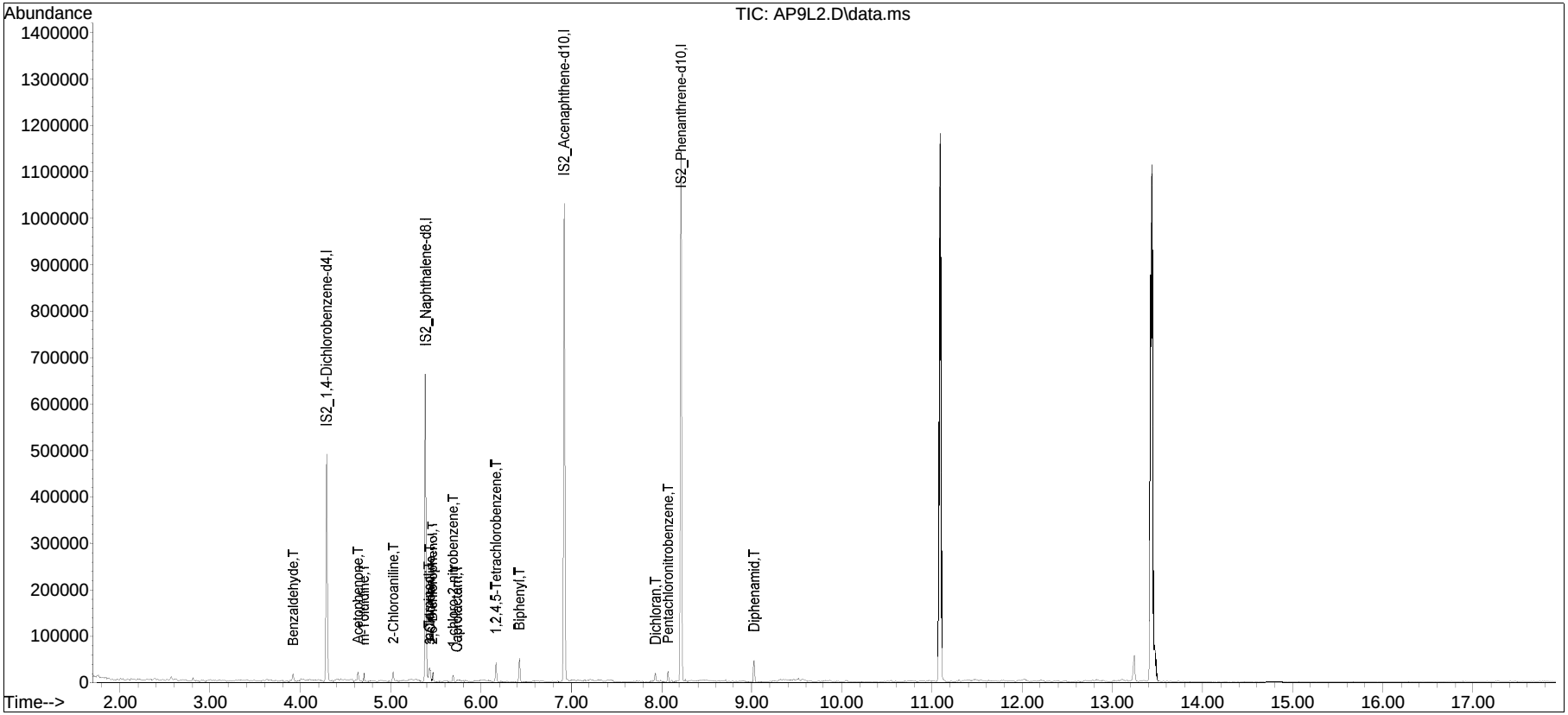
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : AP9L2.D
Acq On : 14 Jun 2025 8:11 pm
Operator : Juliet:slr
Sample : IL19,32,,AP9L2 Lot# 11633
Misc : WG2079414,,
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 15 19:58:12 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 19:58:43 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistcal\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Juliet\250614ical\	QMethod	: FS250614Juliet.m
Data File	: AP9L2.D	Operator	: Juliet:slr
Date Inj'd	: 6/14/2025 8:11 pm	Instrument	: Juliet
Sample	: IL19,32,,AP9L2 Lot# 11633	Quant Date	: 6/15/2025 7:58 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : AP9L1.D
Acq On : 14 Jun 2025 8:34 pm
Operator : Juliet:slr
Sample : IL20,32,,AP9L1 Lot# 11634
Misc : WG2079414,,
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jun 15 19:56:57 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 18:44:26 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
27) IS2_1,4-Dichlorobenzen...	4.287	152	82158	40.000	ug/ml		0.00
Standard Area 1 = 102403			Recovery =	80.23%			
55) IS2_Naphthalene-d8	5.386	136	307268	40.000	ug/ml		0.00
Standard Area 1 = 383778			Recovery =	80.06%			
83) IS2_Acenaphthene-d10	6.922	164	222763	40.000	ug/ml		0.00
Standard Area 1 = 274504			Recovery =	81.15%			
98) IS2_Phenanthrene-d10	8.222	188	506404	40.000	ug/ml	#	0.00
Standard Area 1 = 610489			Recovery =	82.95%			
System Monitoring Compounds							
Target Compounds							Qvalue
28) Benzaldehyde	3.916	105	1877	1.091	ug/ml		82
29) Acetophenone	4.634	105	3137	0.959	ug/ml	#	79
30) m-Toluidine	4.704	106	2058	0.645	ug/ml	#	84
31) 2-Chloroaniline	5.028	127	3381	1.016	ug/ml	#	47
56) a-Terpineol	5.422	59	1311	0.845	ug/ml	#	79
57) 3-Chloroaniline	5.439	65	956M2	1.150	ug/ml		
58) 2,6-Dichlorophenol	5.463	162	2453	0.864	ug/ml	#	66
59) 1-chloro-2-nitrobenzene	5.692	111	830M2	0.812	ug/ml		
60) Caprolactam	0.000		0	N.D.			
61) 1,2,4,5-Tetrachloroben...	6.163	216	4454	1.015	ug/ml	#	90
62) Biphenyl	6.422	154	7930	0.982	ug/ml		98
84) Dichloran	7.933	206	785M2	0.622	ug/ml		
85) Pentachloronitrobenzene	8.075	237	609M2	0.527	ug/ml		
99) Diphenamid	9.027	167	6374	0.936	ug/ml	#	75

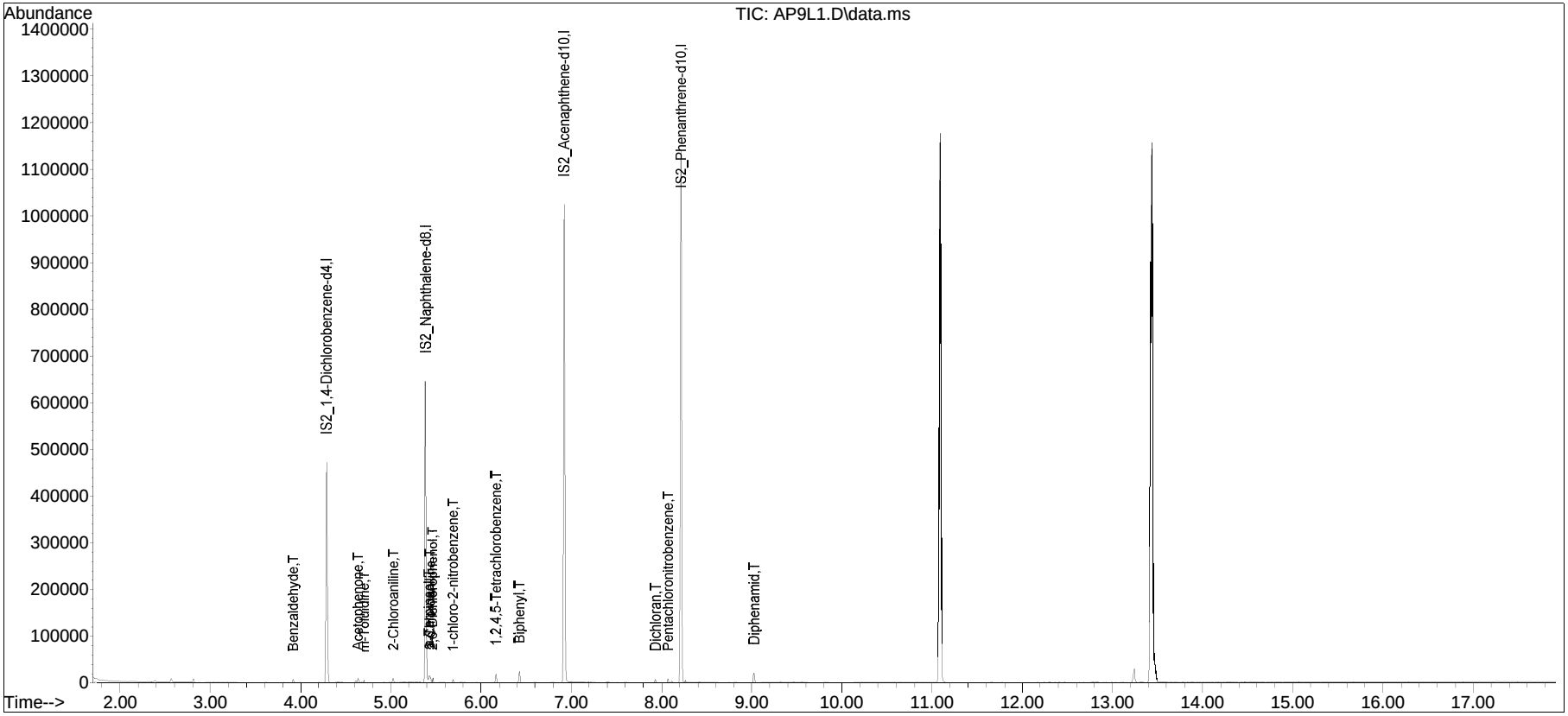
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : AP9L1.D
Acq On : 14 Jun 2025 8:34 pm
Operator : Juliet:slr
Sample : IL20,32,,AP9L1 Lot# 11634
Misc : WG2079414,,
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jun 15 19:56:57 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 18:44:26 2025
Response via : Initial Calibration

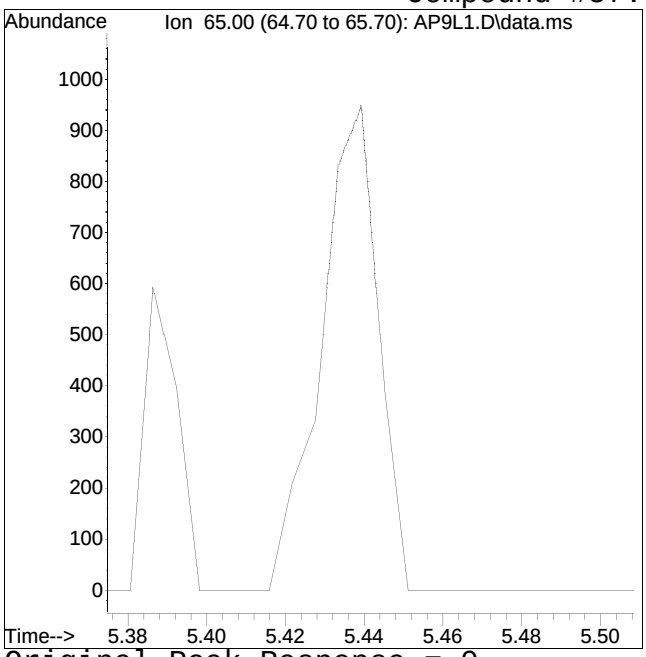
Sub List : AP9ical - AP9 ical sublistcal\AP9L7.D•



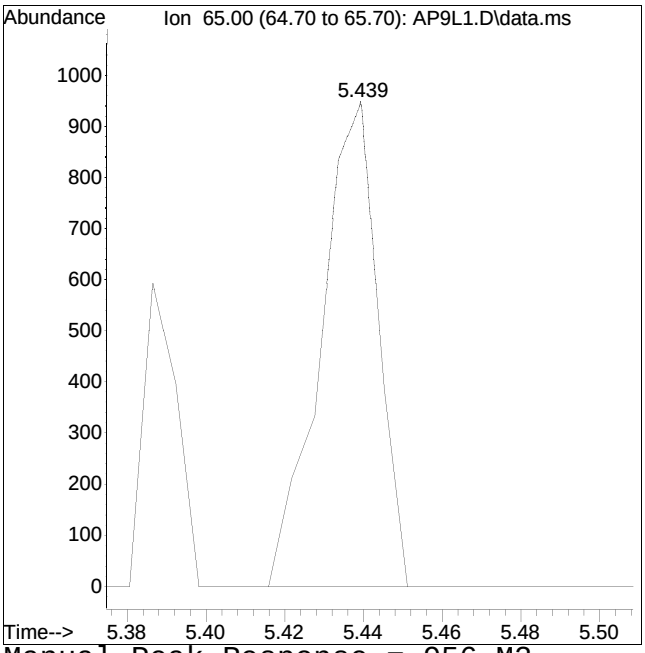
Manual Integration Report

Data Path : I:\8270\Juliet\250614ical\QMethod : FS250614Juliet.m
Data File : AP9L1.D Operator : Juliet:slr
Date Inj'd : 6/14/2025 8:34 pm Instrument : Juliet
Sample : IL20,32,,AP9L1 Lot# 11634 Quant Date : 6/15/2025 7:56 pm

Compound #57: 3-Chloroaniline



Original Peak Response = 0



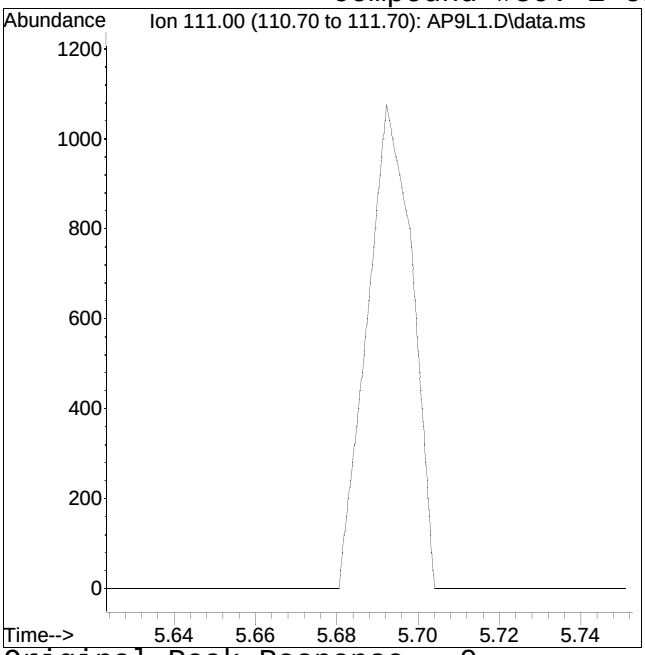
Manual Peak Response = 956 M2

M2 = Peak not found by automatic integration algorithm.

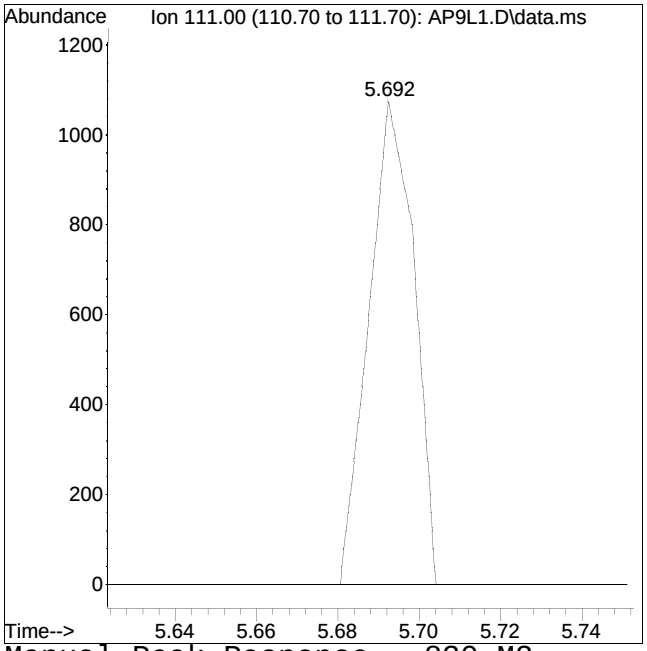
Manual Integration Report

Data Path : I:\8270\Juliet\250614ical\QMethod : FS250614Juliet.m
Data File : AP9L1.D Operator : Juliet:slr
Date Inj'd : 6/14/2025 8:34 pm Instrument : Juliet
Sample : IL20,32,,AP9L1 Lot# 11634 Quant Date : 6/15/2025 7:56 pm

Compound #59: 1-chloro-2-nitrobenzene



Original Peak Response = 0



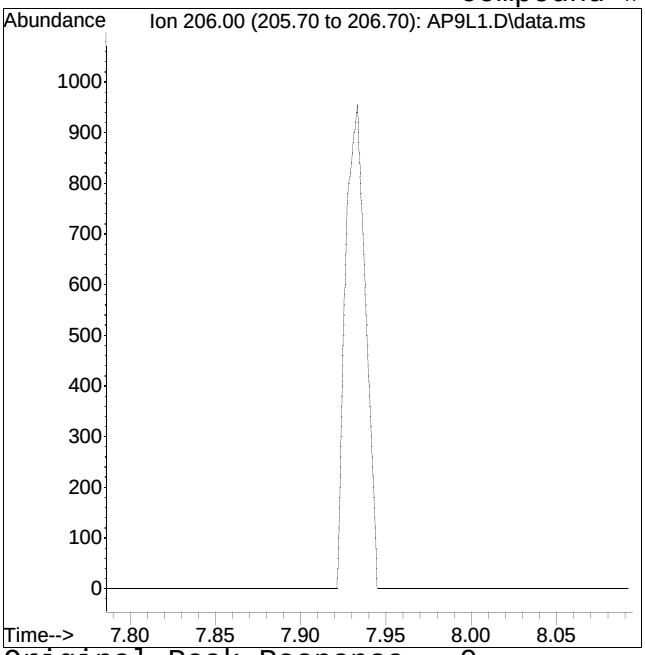
Manual Peak Response = 830 M2

M2 = Peak not found by automatic integration algorithm.

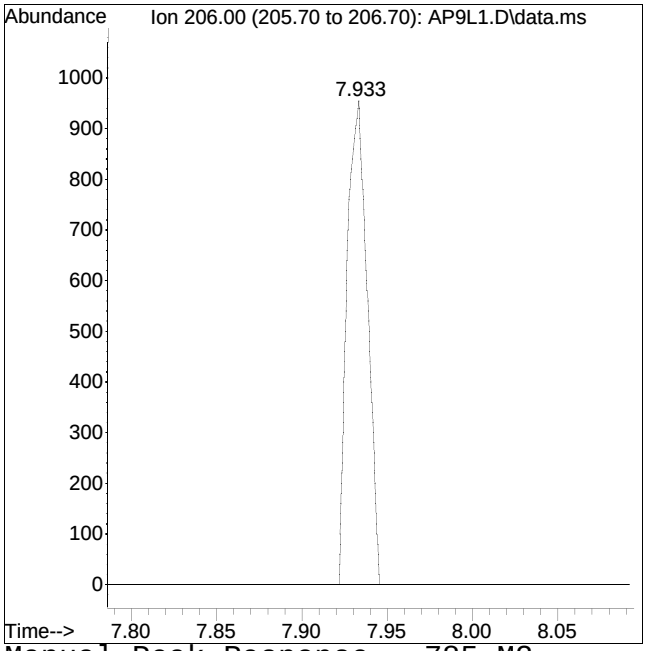
Manual Integration Report

Data Path : I:\8270\Juliet\250614ical\QMethod : FS250614Juliet.m
Data File : AP9L1.D Operator : Juliet:slr
Date Inj'd : 6/14/2025 8:34 pm Instrument : Juliet
Sample : IL20,32,,AP9L1 Lot# 11634 Quant Date : 6/15/2025 7:56 pm

Compound #84: Dichloran



Original Peak Response = 0



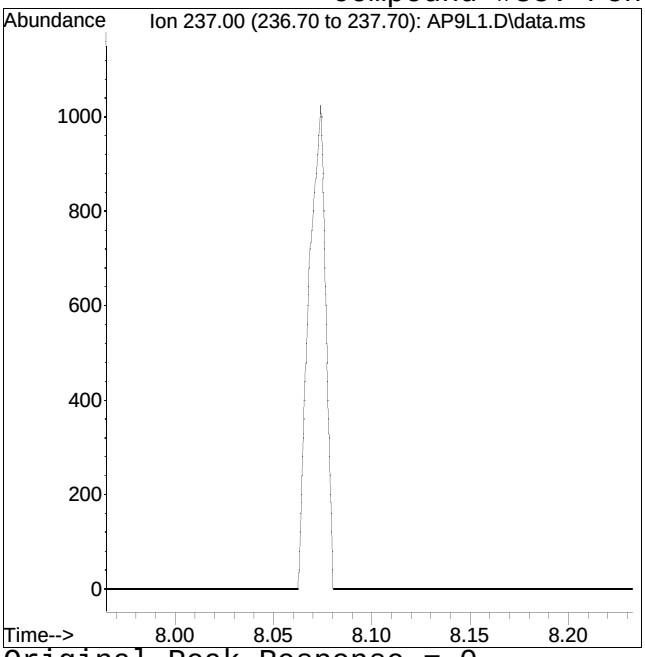
Manual Peak Response = 785 M2

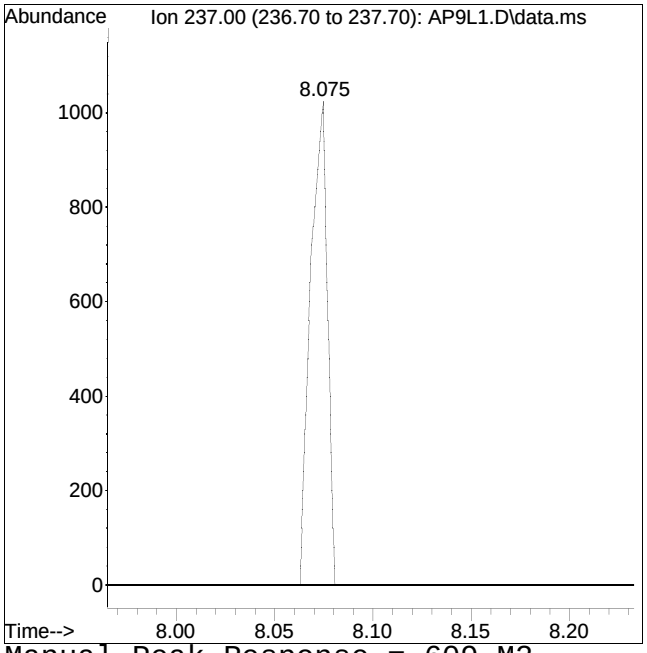
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\Juliet\250614ical\QMethod : FS250614Juliet.m
Data File : AP9L1.D Operator : Juliet:slr
Date Inj'd : 6/14/2025 8:34 pm Instrument : Juliet
Sample : IL20,32,,AP9L1 Lot# 11634 Quant Date : 6/15/2025 7:56 pm

Compound #85: Pentachloronitrobenzene





Original Peak Response = 0 Manual Peak Response = 609 M2
M2 = Peak not found by automatic integration algorithm.

Evaluate Continuing Calibration Report

Data Path : I:\8270\Juliet\250614ical\
Data File : AP9ICV.D
Acq On : 14 Jun 2025 9:22 pm
Operator : Juliet:slr
Sample : CQICV2,32,,AP9ICV Lot# 11303
Misc : WG2079414,,
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 16 11:59:02 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jun 16 11:53:15 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
27	I	IS2_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
28	T	Benzaldehyde	0.862	0.853	1.0	92	0.00
29	T	Acetophenone	1.581	1.444	8.7	82	0.00
30	T	m-Toluidine	1.448	1.538	-6.2	89	0.00
31	T	2-Chloroaniline	1.607	1.489	7.3	83	0.00
55	I	IS2_Naphthalene-d8	1.000	1.000	0.0	91	0.00
56	T	a-Terpineol	0.194	0.177	8.8	80	0.00
57	T	3-Chloroaniline	0.109	0.104	4.6	88	0.00
58	T	2,6-Dichlorophenol	0.349	0.332	4.9	82	0.00
59	T	1-chloro-2-nitrobenzene	0.125	0.118	5.6	81	0.00
60	T	Caprolactam	0.115	0.104	9.6	80	0.00
61	T	1,2,4,5-Tetrachlorobenzene	0.565	0.508	10.1	81	0.00
62	T	Biphenyl	1.042	0.944	9.4	82	0.00
83	I	IS2_Acenaphthene-d10	1.000	1.000	0.0	91	0.00
84	T	Dichloran	0.218	0.203	6.9	81	0.00
85	T	Pentachloronitrobenzene	0.190	0.187	1.6	82	0.00
98	I	IS2_Phenanthrene-d10	1.000	1.000	0.0	92	0.00
99	T	Diphenamid	0.529	0.480	9.3	82	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : AP9ICV.D
Acq On : 14 Jun 2025 9:22 pm
Operator : Juliet:slr
Sample : CQICV2,32,,AP9ICV Lot# 11303
Misc : WG2079414,,
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 16 11:59:02 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jun 16 11:53:15 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
27) IS2_1,4-Dichlorobenzen...	4.287	152	92215	40.000	ug/ml		0.00
Standard Area 1 = 102403			Recovery =	90.05%			
55) IS2_Naphthalene-d8	5.386	136	350324	40.000	ug/ml		0.00
Standard Area 1 = 383778			Recovery =	91.28%			
83) IS2_Acenaphthene-d10	6.922	164	249978	40.000	ug/ml		0.00
Standard Area 1 = 274504			Recovery =	91.07%			
98) IS2_Phenanthrene-d10	8.222	188	560605	40.000	ug/ml	#	0.00
Standard Area 1 = 610489			Recovery =	91.83%			
System Monitoring Compounds							
Target Compounds							Qvalue
28) Benzaldehyde	3.910	105	98277	49.467	ug/ml		92
29) Acetophenone	4.634	105	166393	45.665	ug/ml		94
30) m-Toluidine	4.704	106	177319	53.130	ug/ml		94
31) 2-Chloroaniline	5.028	127	171680	46.348	ug/ml		96
56) a-Terpineol	5.422	59	77595	45.619	ug/ml		90
57) 3-Chloroaniline	5.439	65	45444	47.447	ug/ml	#	71
58) 2,6-Dichlorophenol	5.469	162	145310	47.584	ug/ml	#	90
59) 1-chloro-2-nitrobenzene	5.692	111	51674	47.242	ug/ml	#	86
60) Caprolactam	5.734	55	45461	45.231	ug/ml		92
61) 1,2,4,5-Tetrachloroben...	6.163	216	222490	44.934	ug/ml		96
62) Biphenyl	6.428	154	413571	45.302	ug/ml		99
84) Dichloran	7.933	206	63346	46.531	ug/ml	#	73
85) Pentachloronitrobenzene	8.075	237	58518	49.379	ug/ml	#	91
99) Diphenamid	9.027	167	336070	45.354	ug/ml	#	74

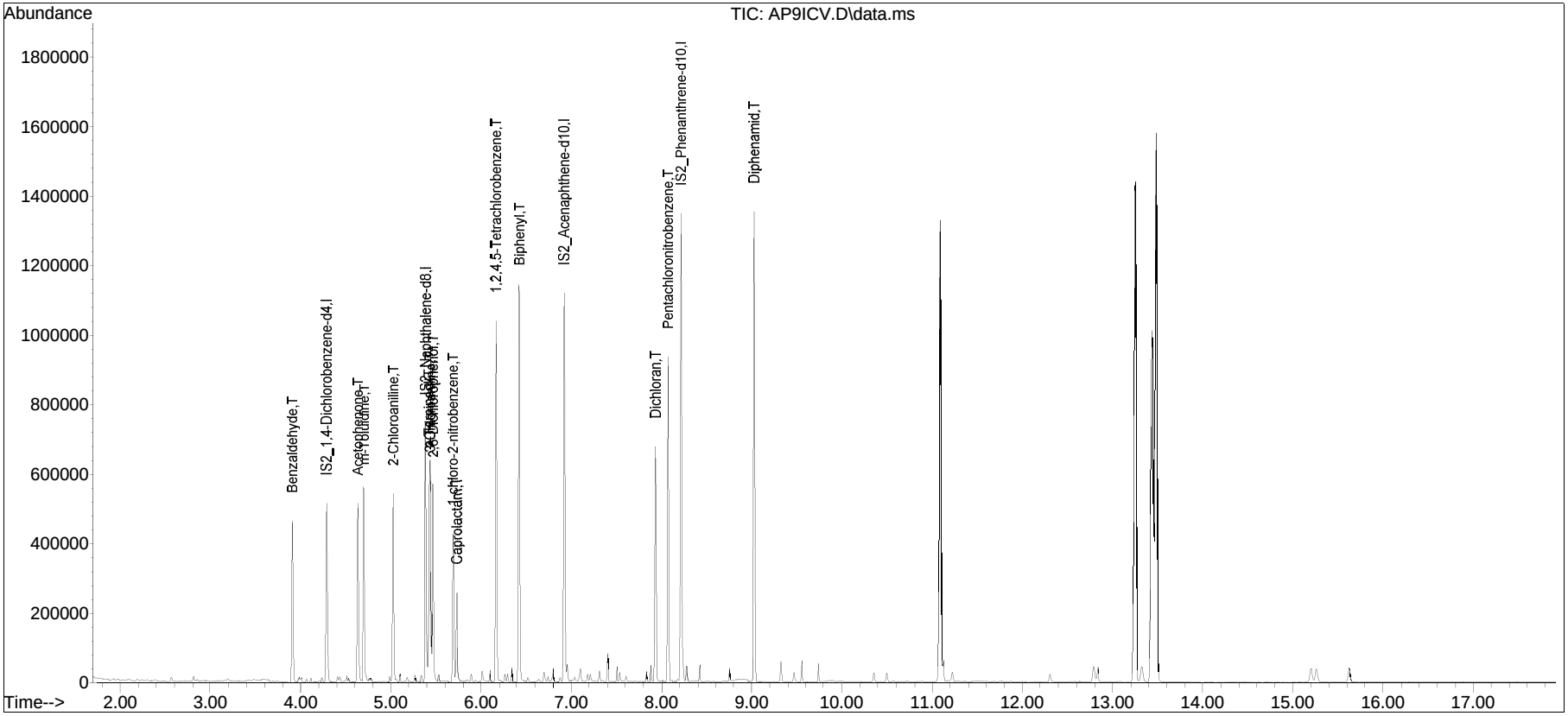
(#) = qualifier out of range (m) = manual integration (+) = signals summed

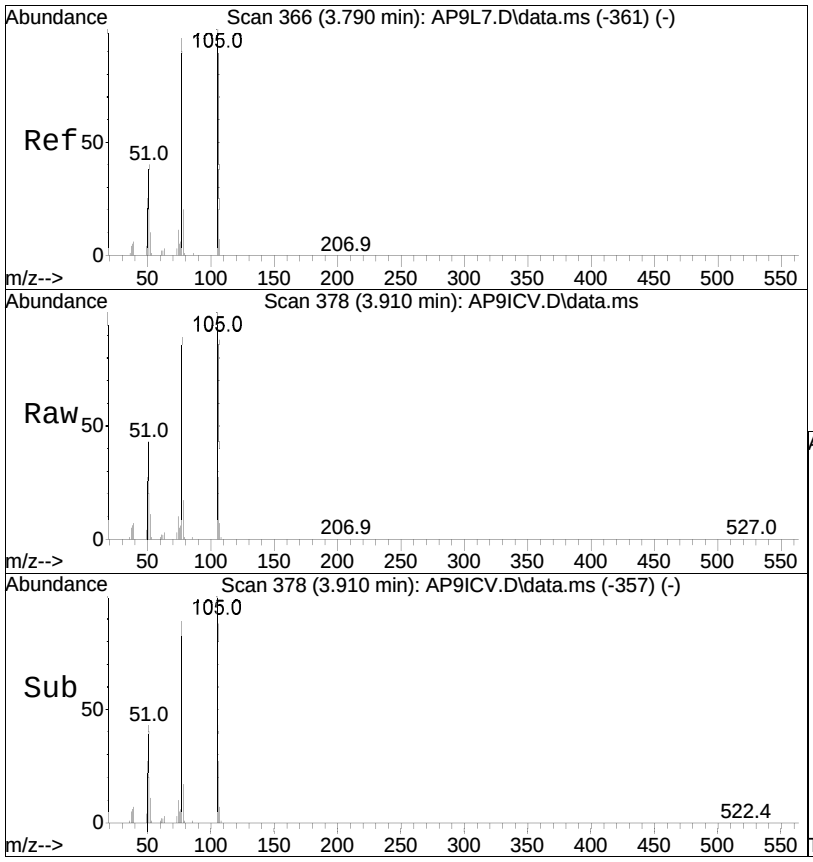
Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : AP9ICV.D
Acq On : 14 Jun 2025 9:22 pm
Operator : Juliet:slr
Sample : CQICV2,32,,AP9ICV Lot# 11303
Misc : WG2079414,,
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Jun 16 11:59:02 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jun 16 11:53:15 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistcal\AP9L7.D•

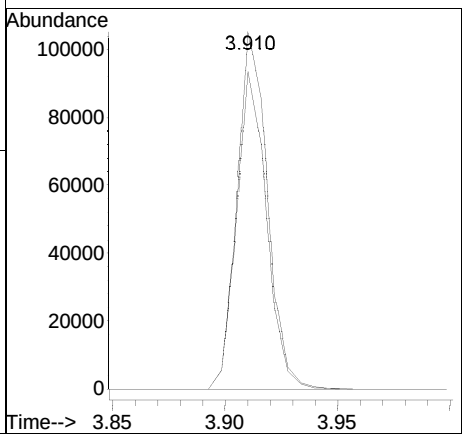


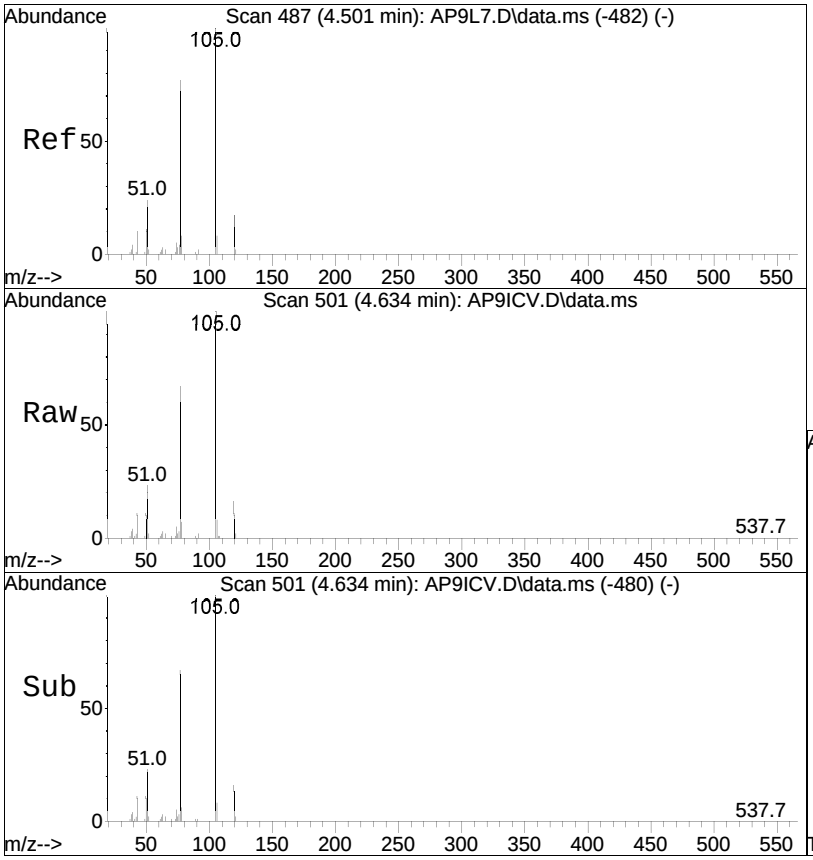


#28
Benzaldehyde
Concen: 49.47 ug/ml
RT: 3.910 min Scan# 378
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 14 Jun 2025 9:22 pm

Tgt Ion:105 Resp: 98277

Ion	Ratio	Lower	Upper
105	100		
77	87.6	76.4	114.6

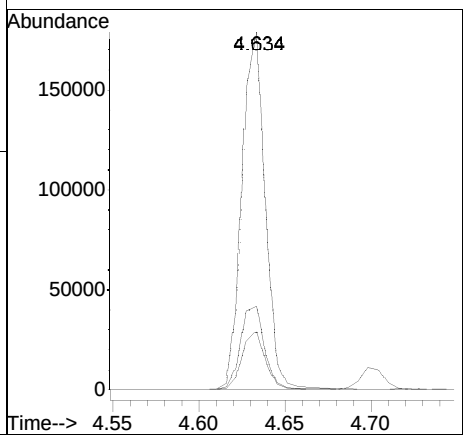


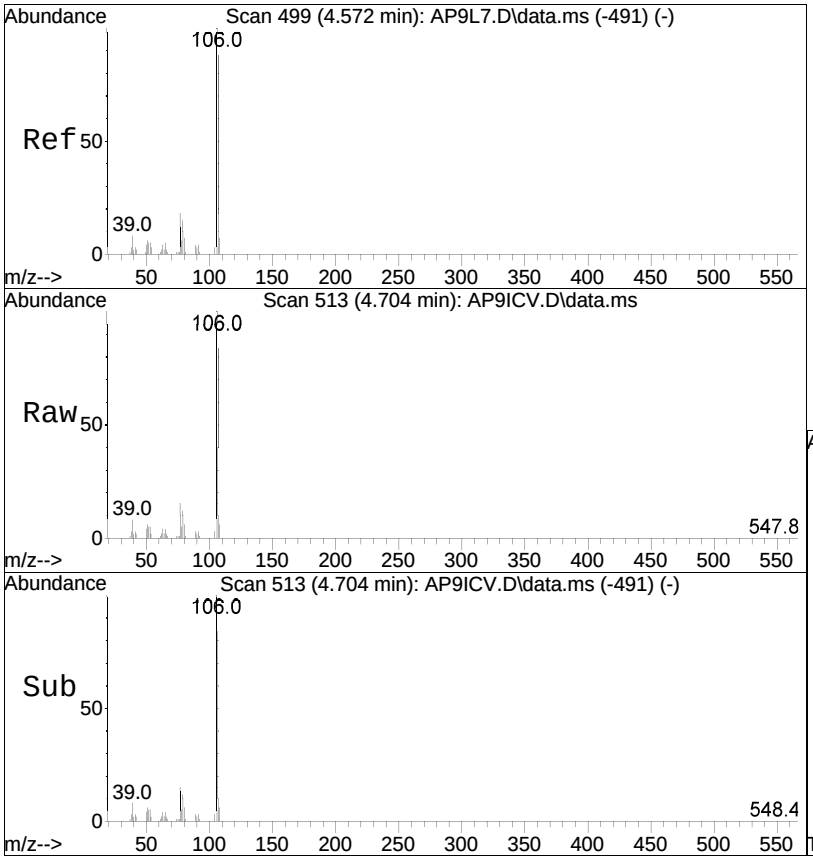


#29
Acetophenone
Concen: 45.67 ug/ml
RT: 4.634 min Scan# 501
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 14 Jun 2025 9:22 pm

Tgt Ion:105 Resp: 166393

Ion	Ratio	Lower	Upper
105	100		
120	16.3	14.5	21.7
51	24.3	22.2	33.4

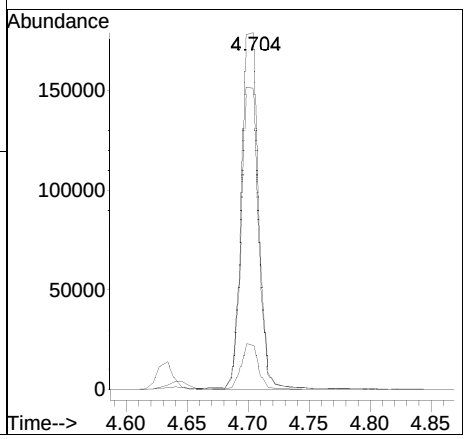


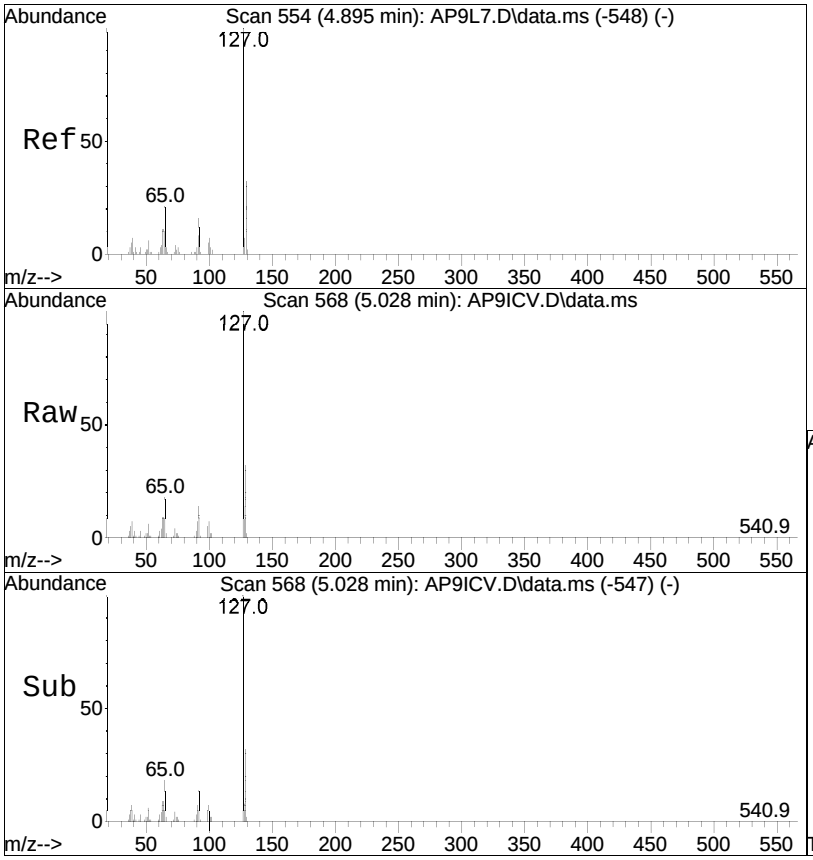


#30
m-Toluidine
Concen: 53.13 ug/ml
RT: 4.704 min Scan# 513
Delta R.T. 0.006 min
Lab File: AP9ICV.D
Acq: 14 Jun 2025 9:22 pm

Tgt Ion:106 Resp: 177319

Ion	Ratio	Lower	Upper
106	100		
107	84.8	72.6	108.8
79	12.8	12.1	18.1

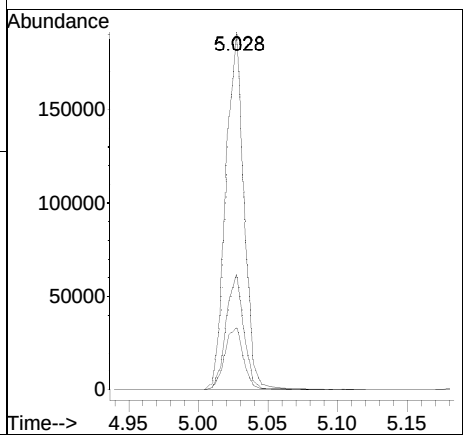


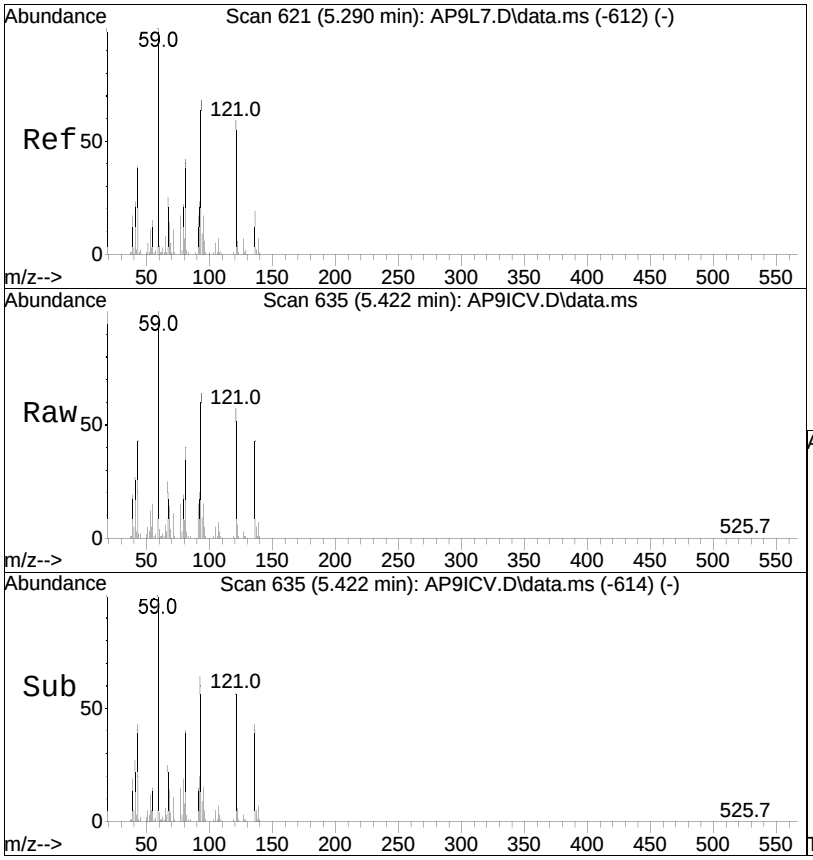


#31
2-Chloroaniline
Concen: 46.35 ug/ml
RT: 5.028 min Scan# 568
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 14 Jun 2025 9:22 pm

Tgt Ion:127 Resp: 171680

Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.2	39.4
65	18.3	17.8	26.8

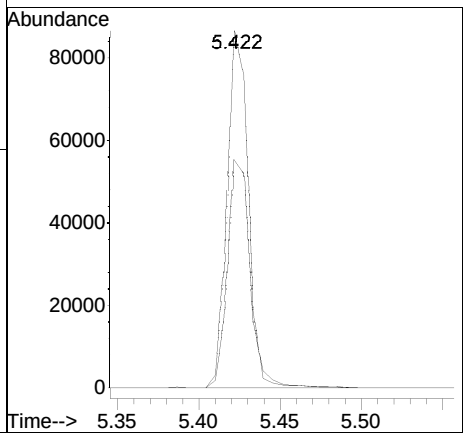


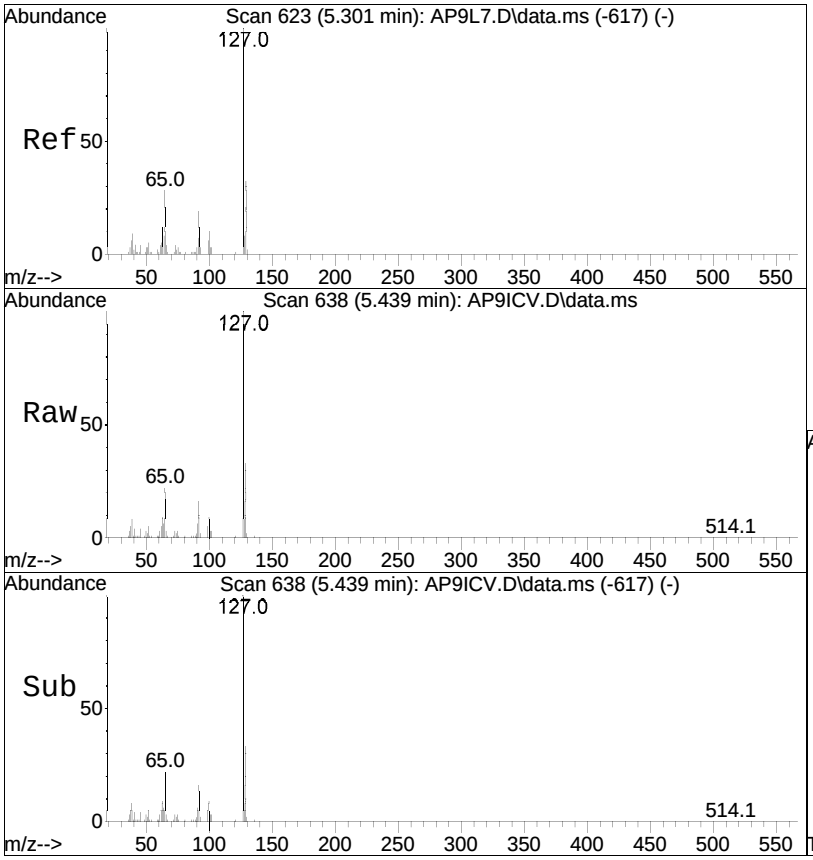


#56
a-Terpineol
Concen: 45.62 ug/ml
RT: 5.422 min Scan# 635
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 14 Jun 2025 9:22 pm

Tgt Ion: 59 Resp: 77595

Ion	Ratio	Lower	Upper
59	100		
93	68.7	48.6	73.0

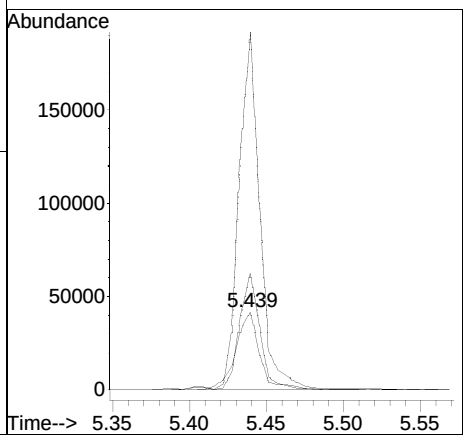


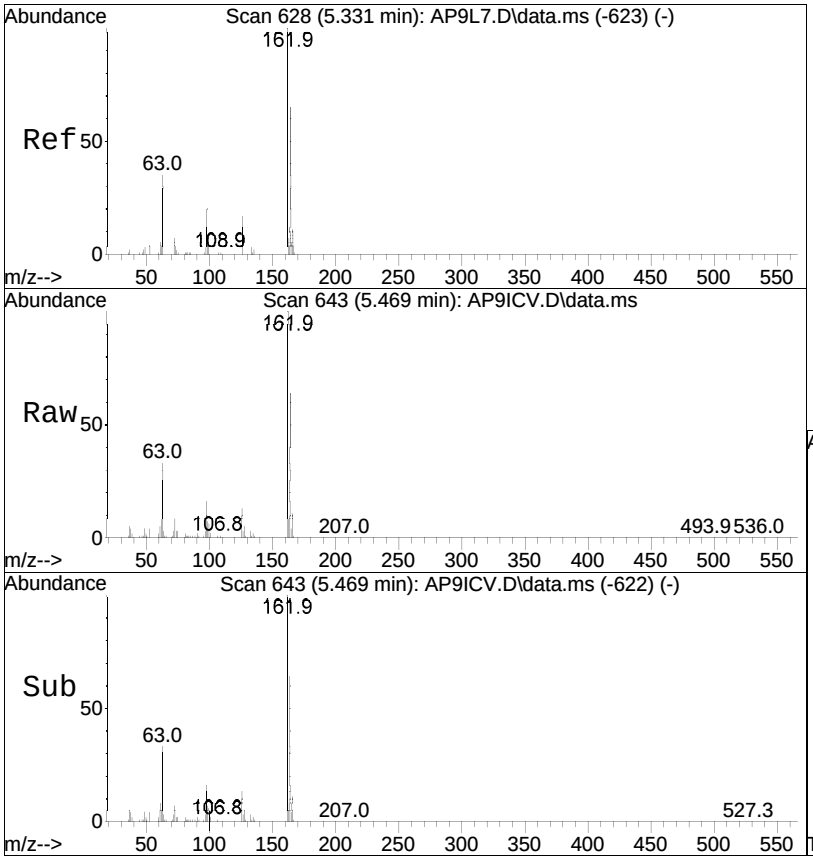


#57
3-Chloroaniline
Concen: 47.45 ug/ml
RT: 5.439 min Scan# 638
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 14 Jun 2025 9:22 pm

Tgt Ion: 65 Resp: 45444

Ion	Ratio	Lower	Upper
65	100		
127	400.1	266.4	399.6#
129	128.0	84.9	127.3#

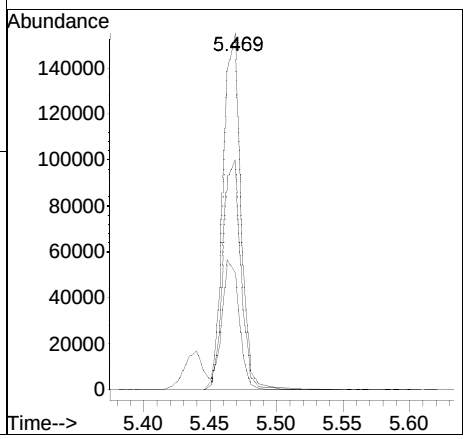


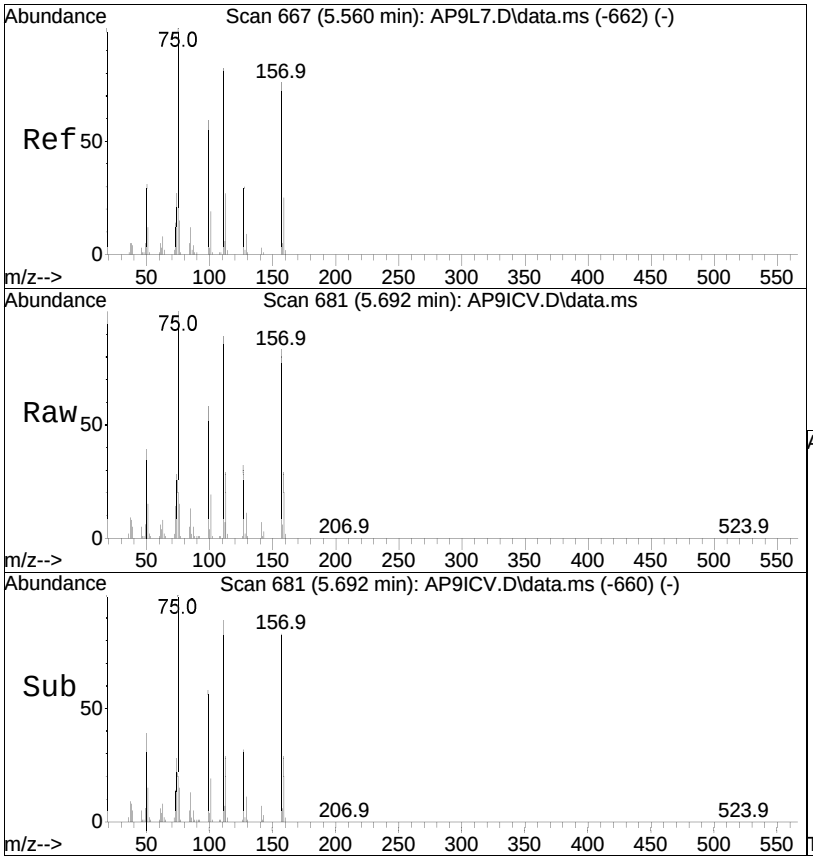


#58
2,6-Dichlorophenol
Concen: 47.58 ug/ml
RT: 5.469 min Scan# 643
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 14 Jun 2025 9:22 pm

Tgt Ion:162 Resp: 145310

Ion	Ratio	Lower	Upper
162	100		
164	65.2	51.4	77.2
63	36.0	40.9	61.3#

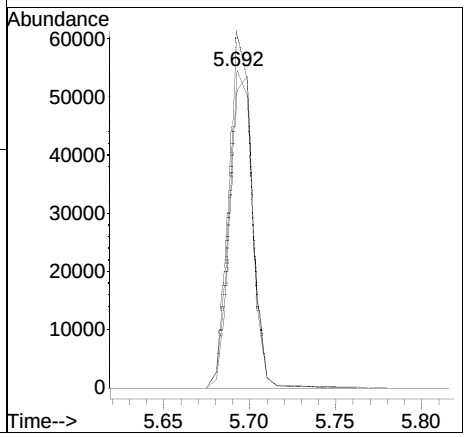


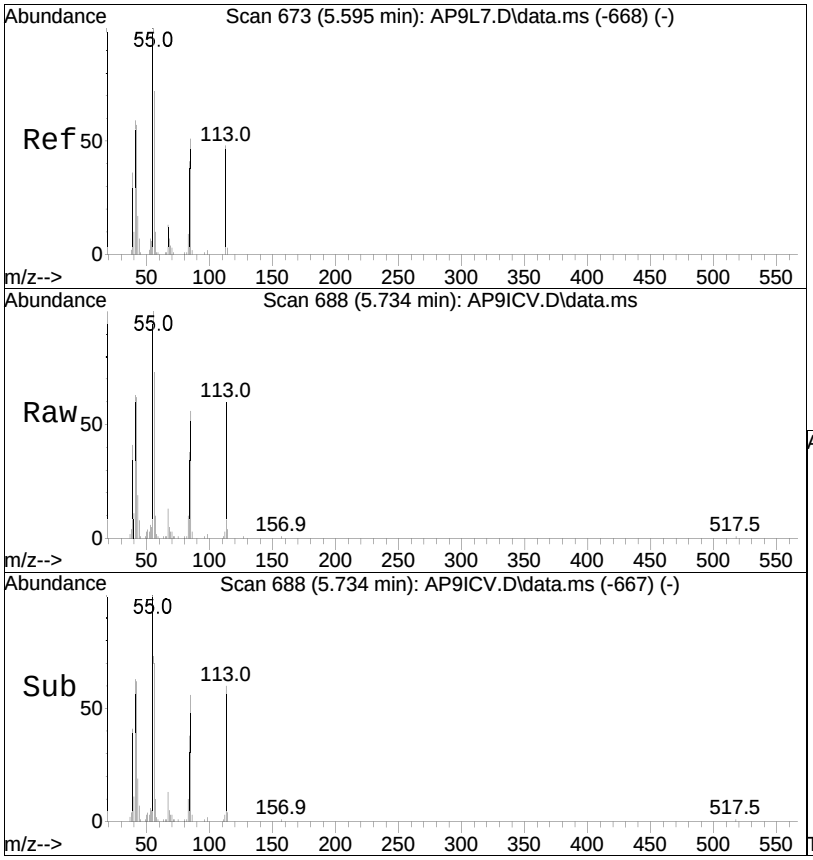


#59
1-chloro-2-nitrobenzene
Concen: 47.24 ug/ml
RT: 5.692 min Scan# 681
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 14 Jun 2025 9:22 pm

Tgt Ion:111 Resp: 51674

Ion	Ratio	Lower	Upper
111	100		
157	97.0	61.9	92.9#
75	108.2	93.6	140.4

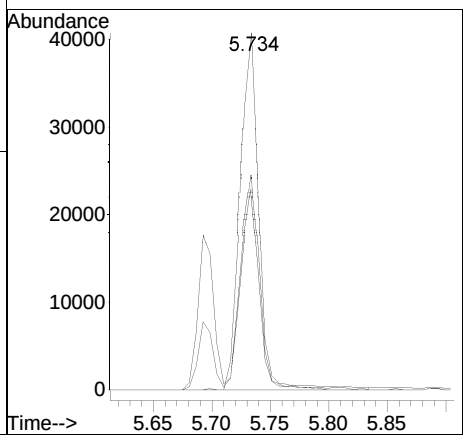


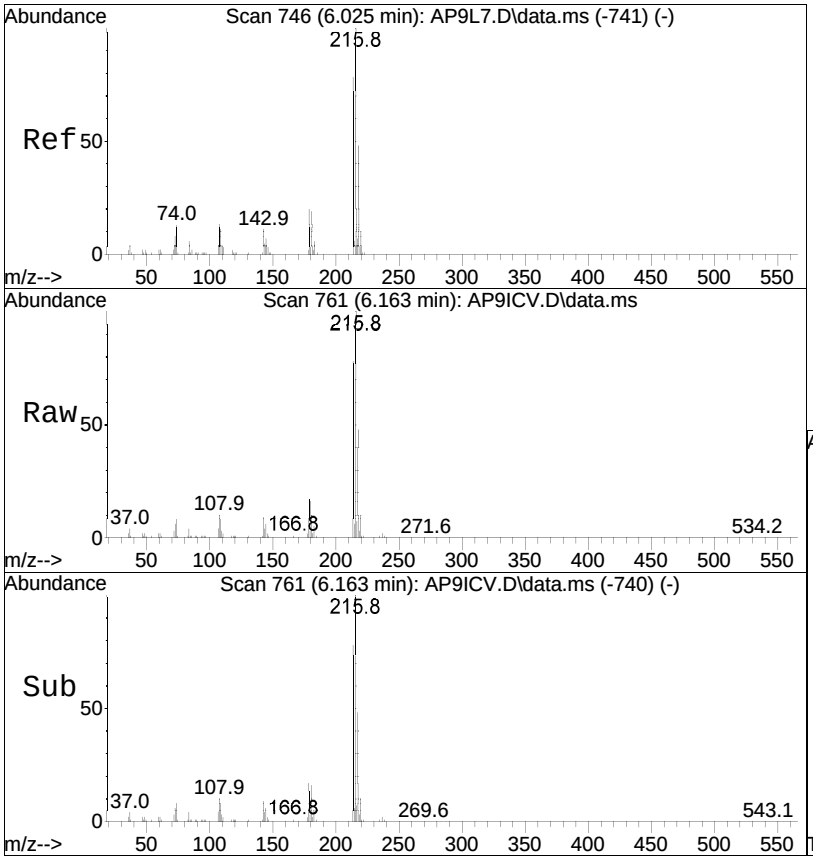


#60
Caprolactam
Concen: 45.23 ug/ml
RT: 5.734 min Scan# 688
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 14 Jun 2025 9:22 pm

Tgt Ion: 55 Resp: 45461

Ion	Ratio	Lower	Upper
55	100		
85	54.7	40.2	60.2
113	59.7	42.8	64.2

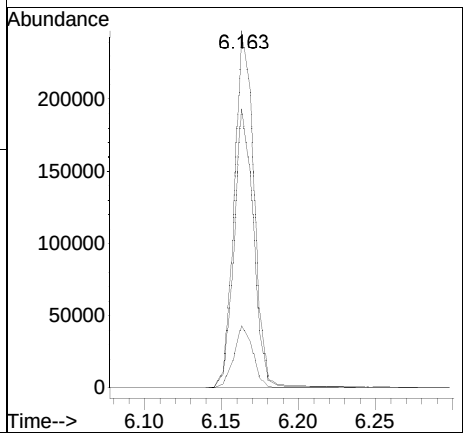


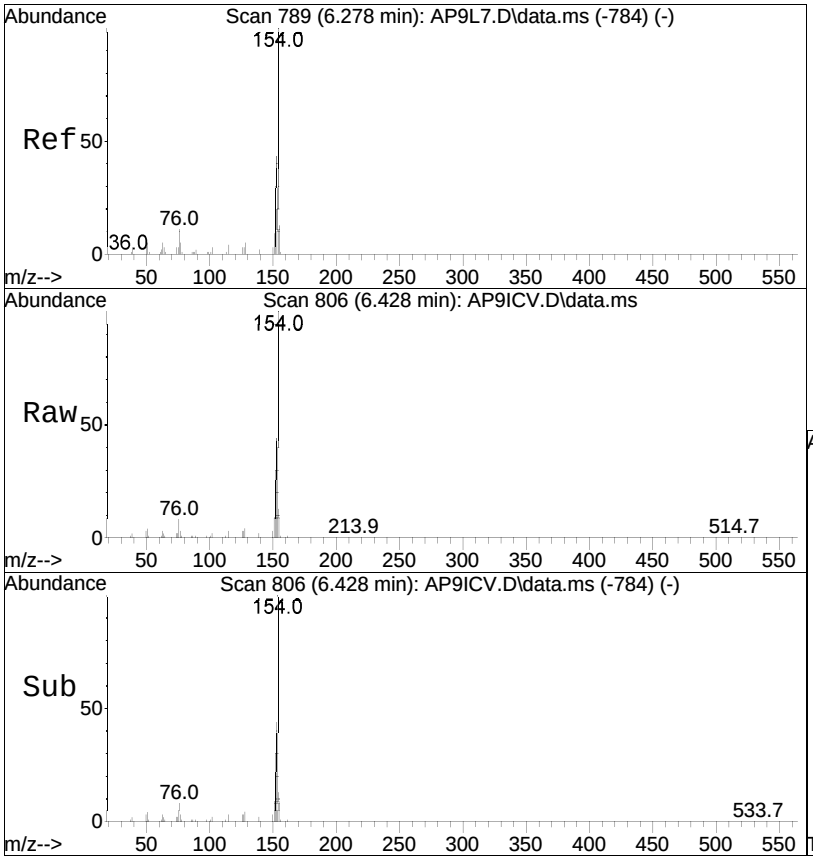


#61
1,2,4,5-Tetrachlorobenzene
Concen: 44.93 ug/ml
RT: 6.163 min Scan# 761
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 14 Jun 2025 9:22 pm

Tgt Ion:216 Resp: 222490

Ion	Ratio	Lower	Upper
216	100		
214	76.8	63.4	95.2
179	16.8	16.4	24.6

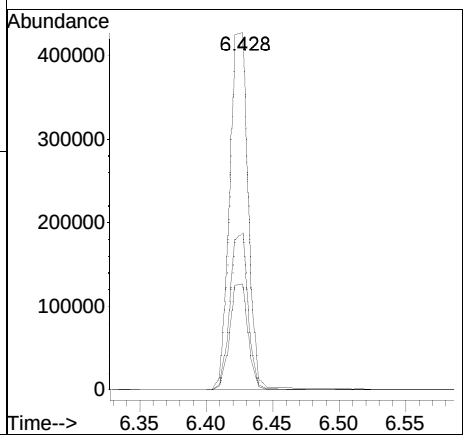


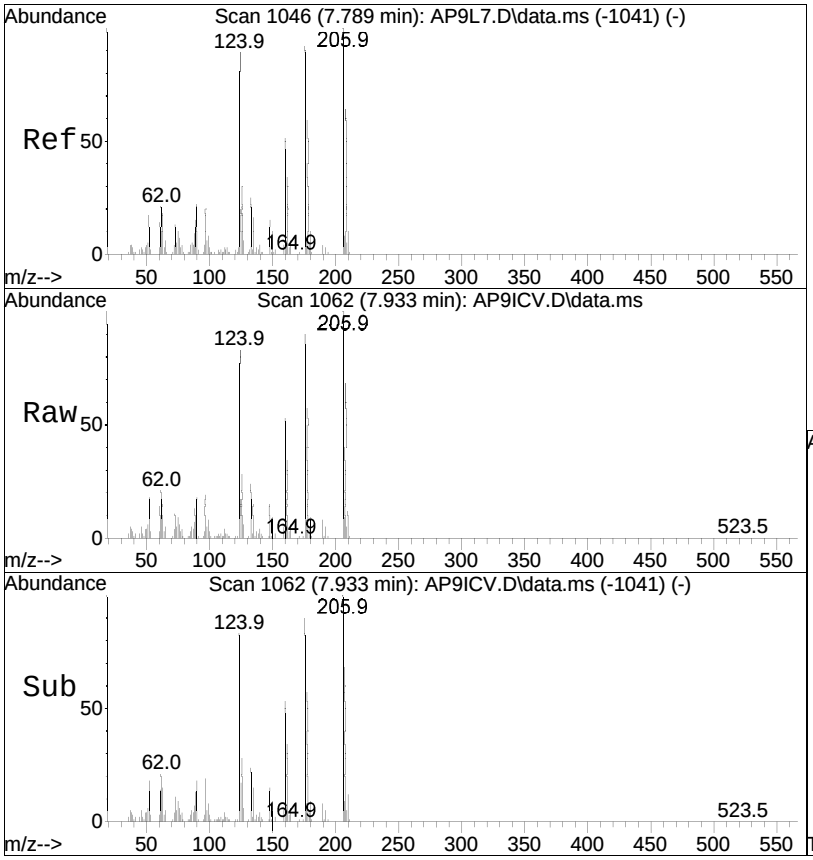


#62
Biphenyl
Concen: 45.30 ug/ml
RT: 6.428 min Scan# 806
Delta R.T. 0.006 min
Lab File: AP9ICV.D
Acq: 14 Jun 2025 9:22 pm

Tgt Ion:154 Resp: 413571

Ion	Ratio	Lower	Upper
154	100		
153	42.9	34.7	52.1
152	29.9	24.0	36.0

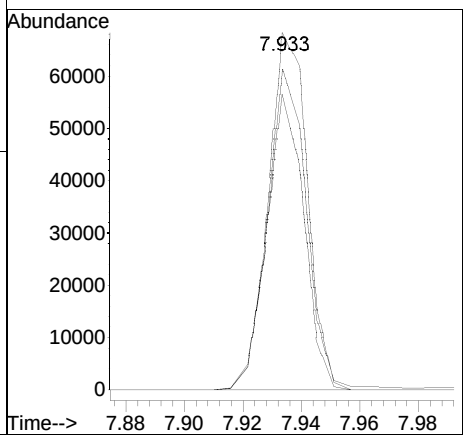


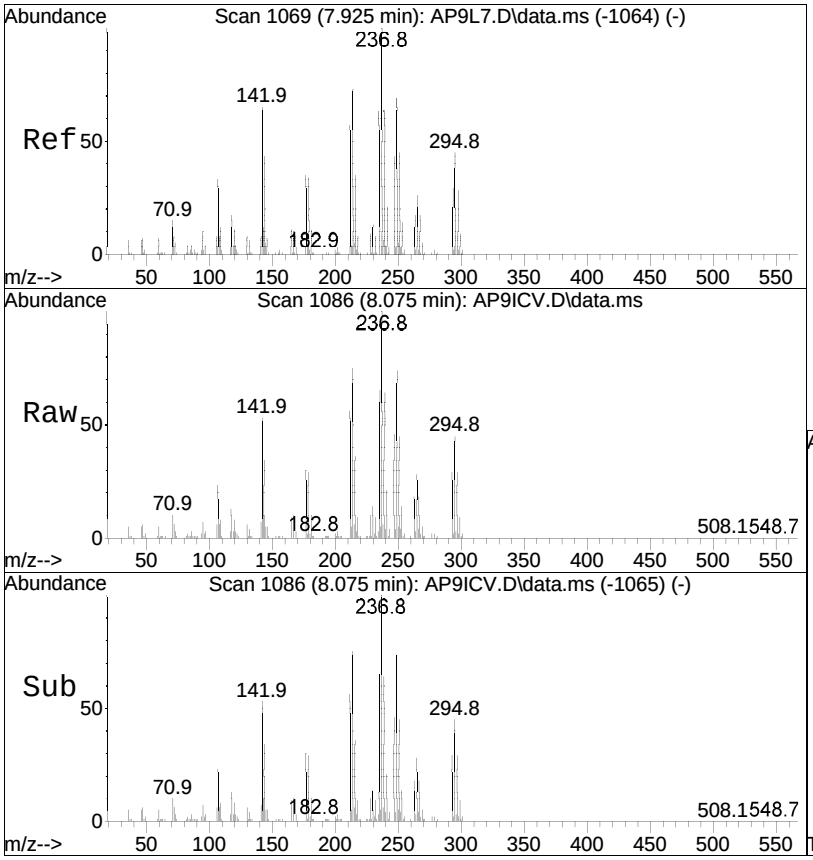


#84
Dichloran
Concen: 46.53 ug/ml
RT: 7.933 min Scan# 1062
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 14 Jun 2025 9:22 pm

Tgt Ion:206 Resp: 63346

Ion	Ratio	Lower	Upper
206	100		
176	89.7	83.1	124.7
124	78.7	97.8	146.8#

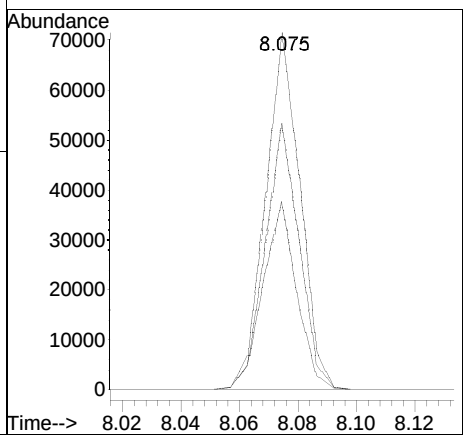


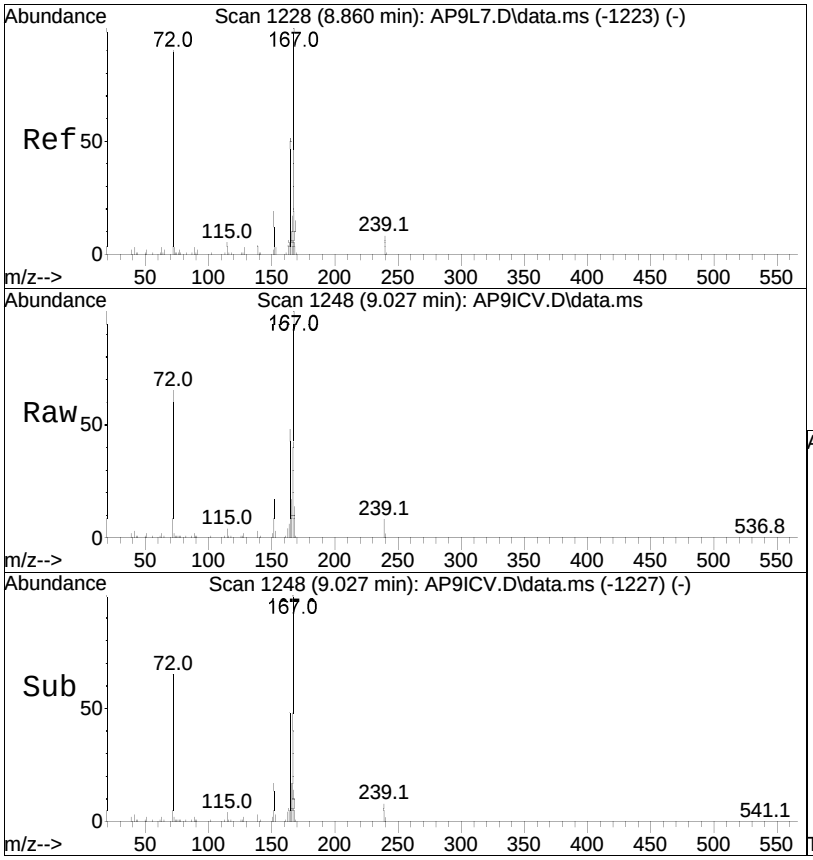


#85
Pentachloronitrobenzene
Concen: 49.38 ug/ml
RT: 8.075 min Scan# 1086
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 14 Jun 2025 9:22 pm

Tgt Ion:237 Resp: 58518

Ion	Ratio	Lower	Upper
237	100		
142	51.6	53.6	80.4#
214	73.5	58.6	87.8

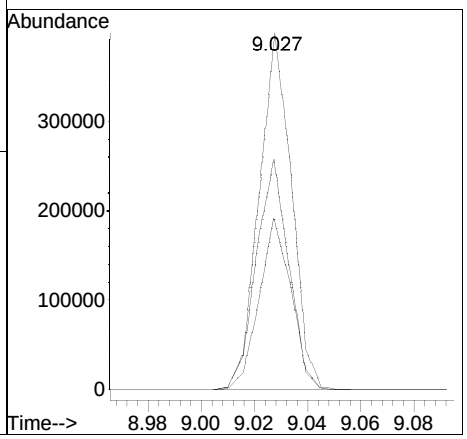




#99
Diphenamid
Concen: 45.35 ug/ml
RT: 9.027 min Scan# 1248
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 14 Jun 2025 9:22 pm

Tgt Ion:167 Resp: 336070

Ion	Ratio	Lower	Upper
167	100		
72	64.7	82.6	124.0#
165	47.9	39.8	59.8



Manual Integration Report

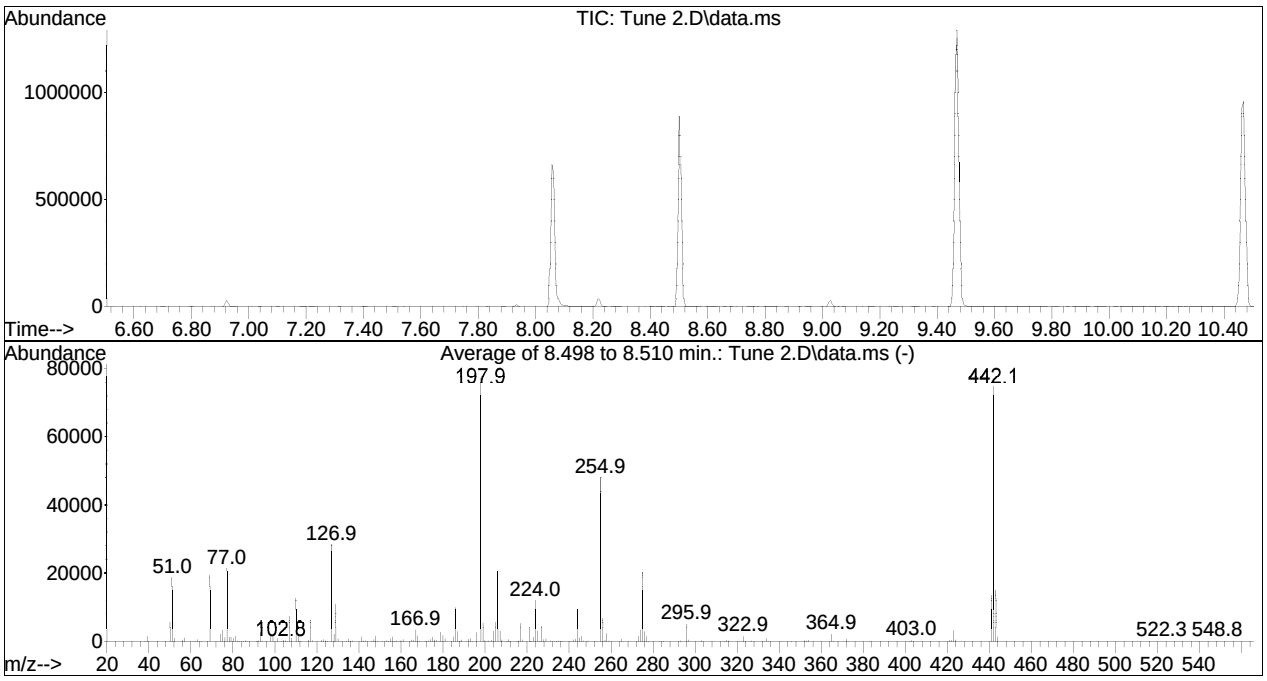
Data Path	: I:\8270\Juliet\250614ical\	QMethod	: FS250614Juliet.m
Data File	: AP9ICV.D	Operator	: Juliet:slr
Date Inj'd	: 6/14/2025 9:22 pm	Instrument	: Juliet
Sample	: CQICV2,32,,AP9ICV Lot# 113	Quant Date	: 6/16/2025 11:59 am

There are no manual integrations or false positives in this file.

Data Path : I:\8270\Juliet\250614ical\
Data File : Tune 2.D
Acq On : 14 Jun 2025 9:45 pm
Operator : Juliet:slr
Sample : Tune 2 Lot#11649
Misc : WG2079414,,
ALS Vial : 100 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Jun 16 11:53:15 2025



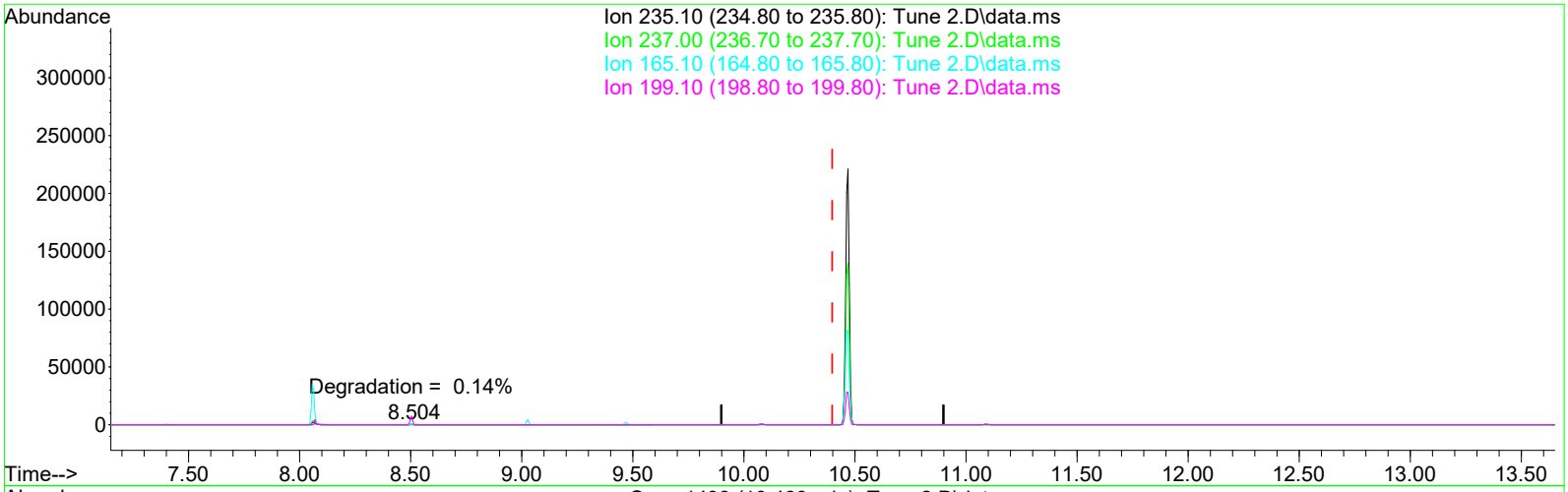
AutoFind: Scans 1158, 1159, 1160; Background Corrected with Scan 1153

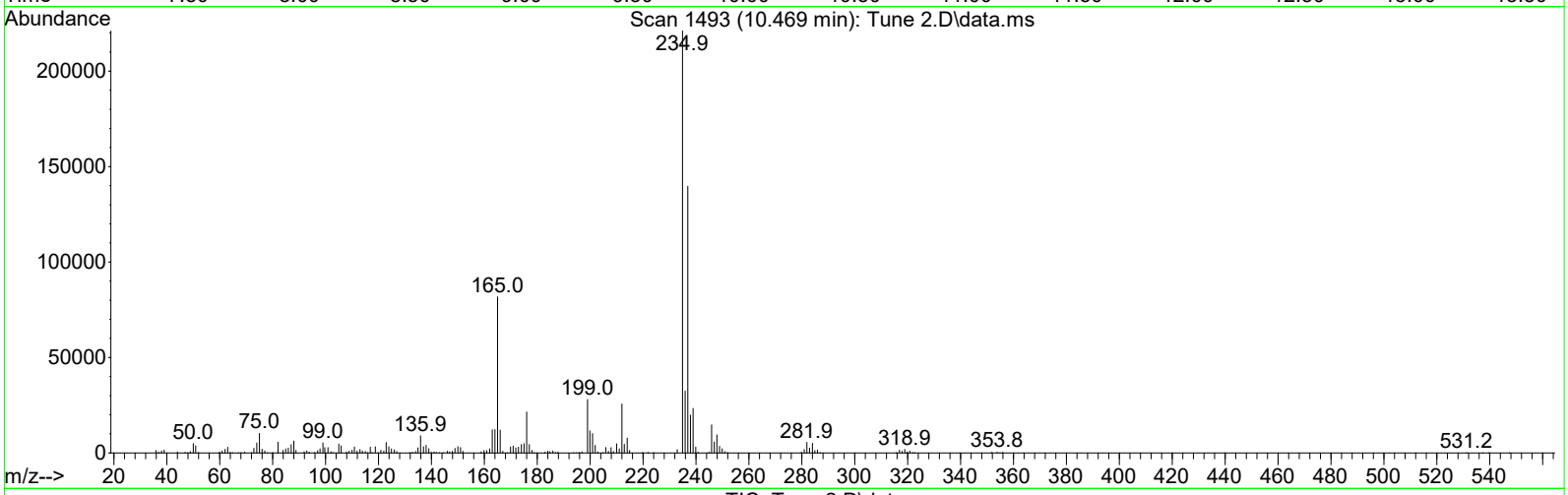
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	24.1	18611	PASS
68	69	0.00	2	0.8	148	PASS
69	69	100	100	100.0	19395	PASS
70	69	0.00	2	0.0	0	PASS
127	198	10	80	36.7	28400	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	77304	PASS
199	198	5	9	6.7	5207	PASS
275	198	10	60	26.2	20241	PASS
365	198	1	100	2.8	2166	PASS
441	442	0.01	24	18.1	13537	PASS
442	198	50	100	96.9	74891	PASS
443	442	15	24	19.9	14914	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\Juliet\250614ical\
Data File : Tune 2.D
Acq On : 14 Jun 2025 9:45 pm
Operator : Juliet:slr
Sample : Tune 2 Lot#11649
Misc : WG2079414,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Jun 15 17:38:35 2025
Quant Method : I:\8270\Juliet\250614ical\DftppJuliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:39:27 2025
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





TIC: Tune 2.D\data.ms

(6) DDT (T)

10.469min (+ 0.069) 50.00

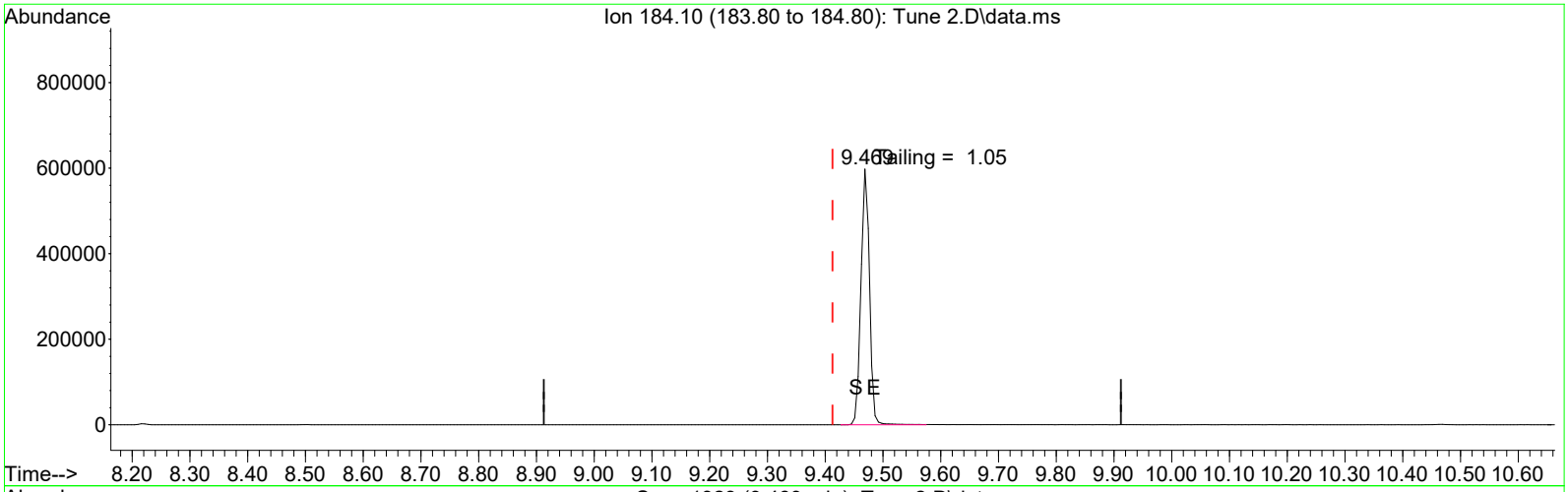
response 247279

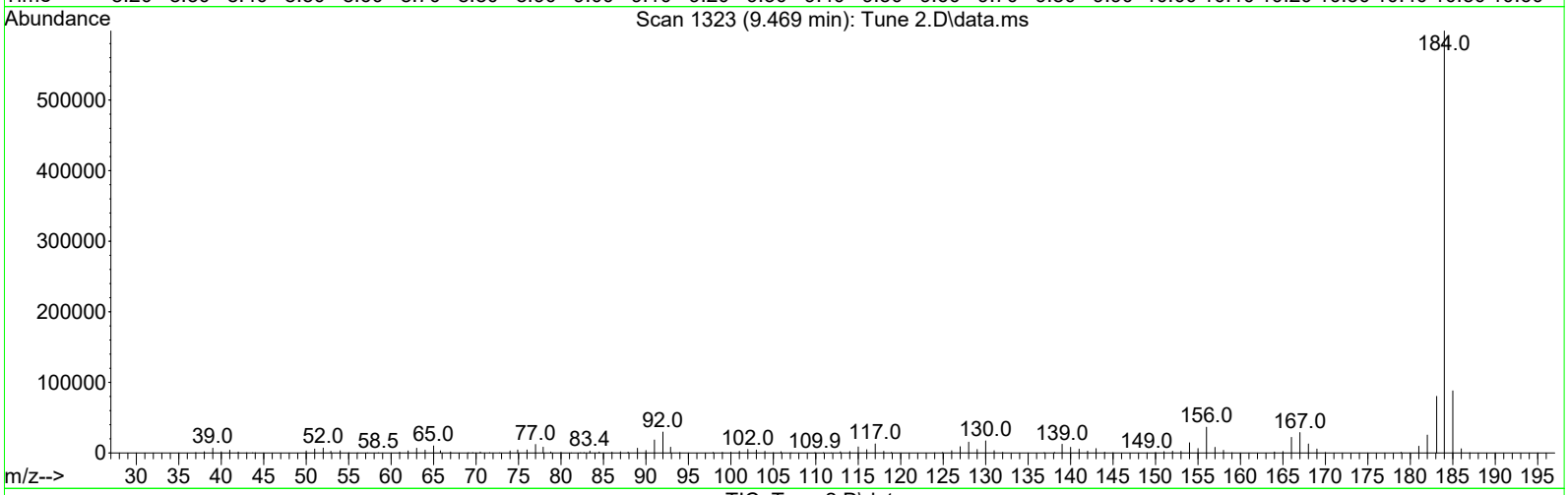
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	63.60	64.36
165.10	48.40	39.05
199.10	13.50	13.33

Quantitation Report (Qedit)

Data Path : I:\8270\Juliet\250614ical\
Data File : Tune 2.D
Acq On : 14 Jun 2025 9:45 pm
Operator : Juliet:slr
Sample : Tune 2 Lot#11649
Misc : WG2079414,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Jun 15 17:38:35 2025
Quant Method : I:\8270\Juliet\250614ical\DftppJuliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:39:27 2025
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





TIC: Tune 2.D\data.ms

(3) Benzidine (T)

9.469min (+ 0.056) 50.00

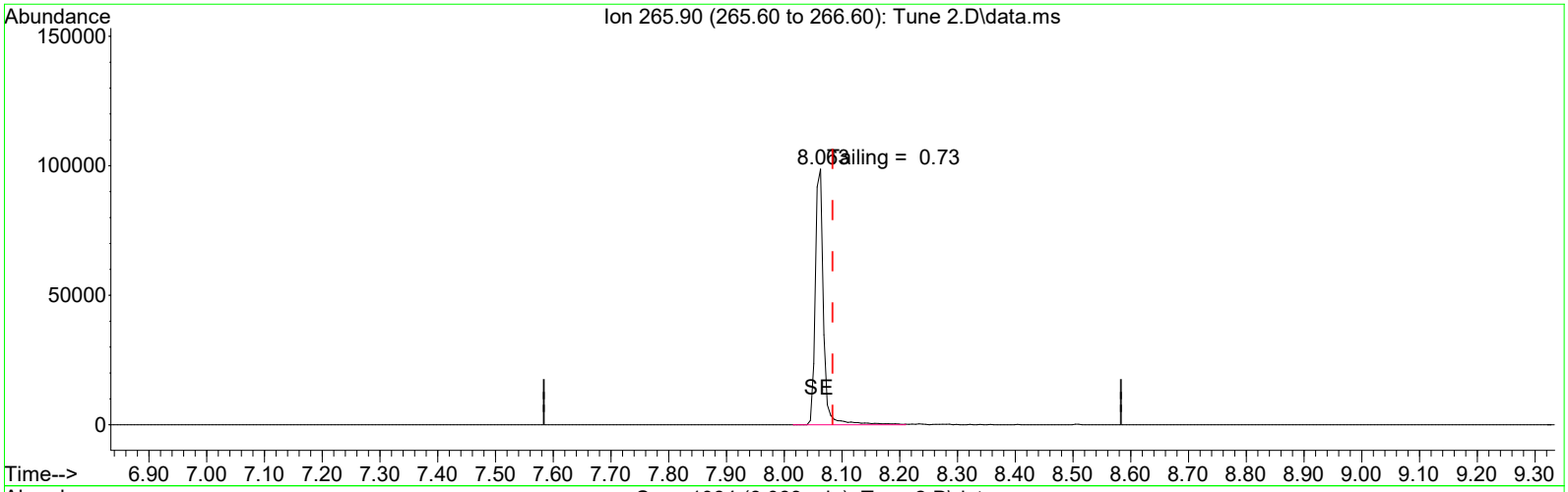
response 615915

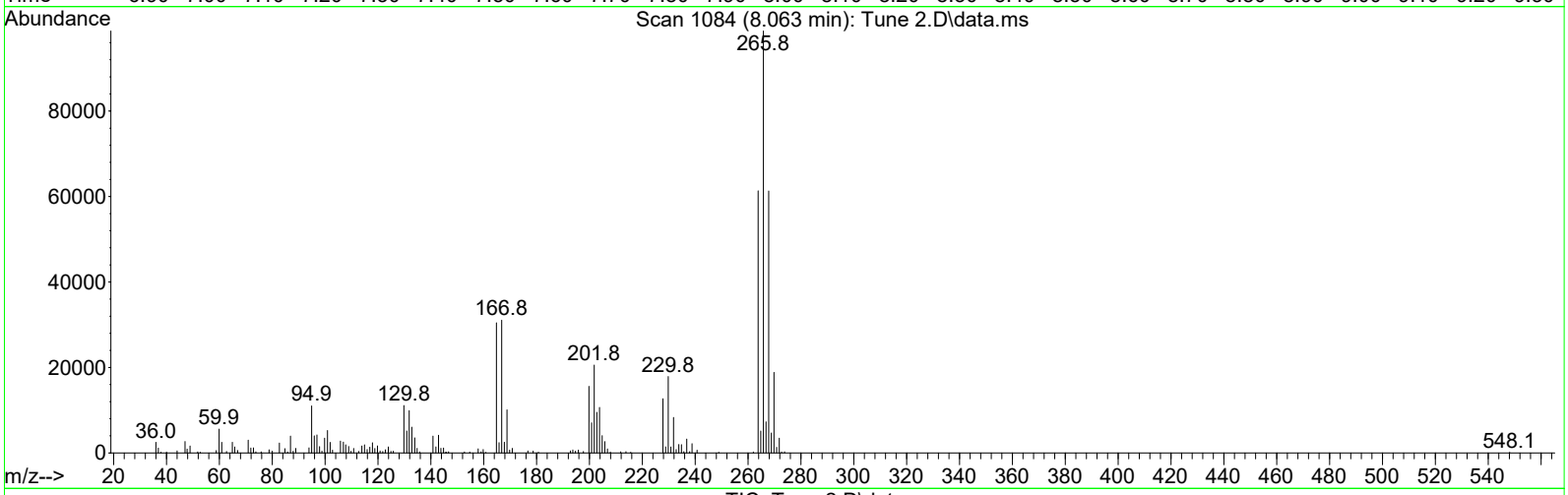
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\Juliet\250614ical\
Data File : Tune 2.D
Acq On : 14 Jun 2025 9:45 pm
Operator : Juliet:slr
Sample : Tune 2 Lot#11649
Misc : WG2079414,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Jun 15 17:38:35 2025
Quant Method : I:\8270\Juliet\250614ical\DftppJuliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:39:27 2025
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





TIC: Tune 2.D\data.ms

(1) Pentachlorophenol (T)

8.063min (-0.021) 50.00

response 98211

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ADPL10.D
Acq On : 14 Jun 2025 10:09 pm
Operator : Juliet:slr
Sample : IL21,32,,ADPL200 Lot# 11635
Misc : WG2079414,,
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 15 18:38:47 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 18:38:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	4.287	152	94789	40.000	ug/ml	0.00
Standard Area 1 = 91482			Recovery =	103.61%		
86) IS3_Acenaphthene-d10	6.922	164	248128	40.000	ug/ml	0.00
Standard Area 1 = 251329			Recovery =	98.73%		
100) IS3_Phenanthrene-d10	8.222	188	579925	40.000	ug/ml	# 0.00
Standard Area 1 = 563987			Recovery =	102.83%		
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.981	88	137603	190.851	ug/ml	94
34) n-Decane	4.169	57	332563	186.551	ug/ml	92
87) Atrazine	7.998	200	624379	217.327	ug/ml	99
101) n-Octadecane	8.163	57	586487	197.302	ug/ml	94
102) Parathion	8.916	109	235687	229.721	ug/ml#	88
103) 3,3'-Dimethylbenzidine	10.333	212	3075834	222.556	ug/ml	98

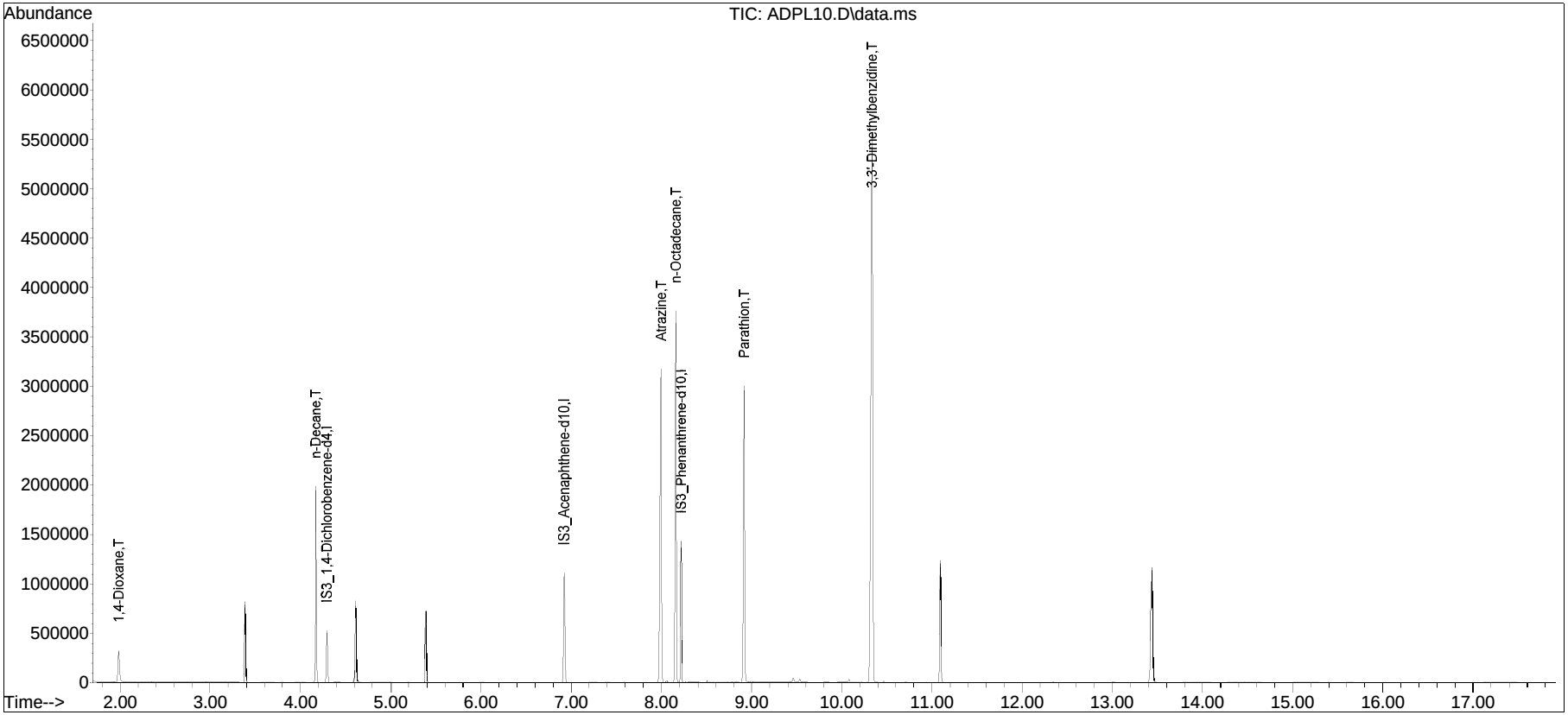
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ADPL10.D
Acq On : 14 Jun 2025 10:09 pm
Operator : Juliet:slr
Sample : IL21,32,,ADPL200 Lot# 11635
Misc : WG2079414,,
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Jun 15 18:38:47 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 18:38:47 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistcal\ADPL7.D•



FS250614Juliet.m Mon Jun 16 12:09:29 2025 Page: 2

Manual Integration Report

Data Path	: I:\8270\Juliet\250614ical\	QMethod	: FS250614Juliet.m
Data File	: ADPL10.D	Operator	: Juliet:slr
Date Inj'd	: 6/14/2025 10:09 pm	Instrument	: Juliet
Sample	: IL21,32,,ADPL200 Lot# 1163	Quant Date	: 6/15/2025 6:39 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ADPL9.D
Acq On : 14 Jun 2025 10:33 pm
Operator : Juliet:slr
Sample : IL22,32,,ADPL150 Lot# 11636
Misc : WG2079414,,
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jun 15 18:40:06 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 18:38:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	4.287	152	90562	40.000	ug/ml	0.00
Standard Area 1 = 91482			Recovery =	98.99%		
86) IS3_Acenaphthene-d10	6.922	164	244527	40.000	ug/ml	0.00
Standard Area 1 = 251329			Recovery =	97.29%		
100) IS3_Phenanthrene-d10	8.222	188	567913	40.000	ug/ml #	0.00
Standard Area 1 = 563987			Recovery =	100.70%		
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.981	88	101634	147.542	ug/ml	93
34) n-Decane	4.169	57	244456	143.528	ug/ml	90
87) Atrazine	7.992	200	463228	163.609	ug/ml	99
101) n-Octadecane	8.157	57	419832	144.224	ug/ml	93
102) Parathion	8.916	109	180014	179.169	ug/ml#	90
103) 3,3'-Dimethylbenzidine	10.333	212	2298606	169.837	ug/ml	98

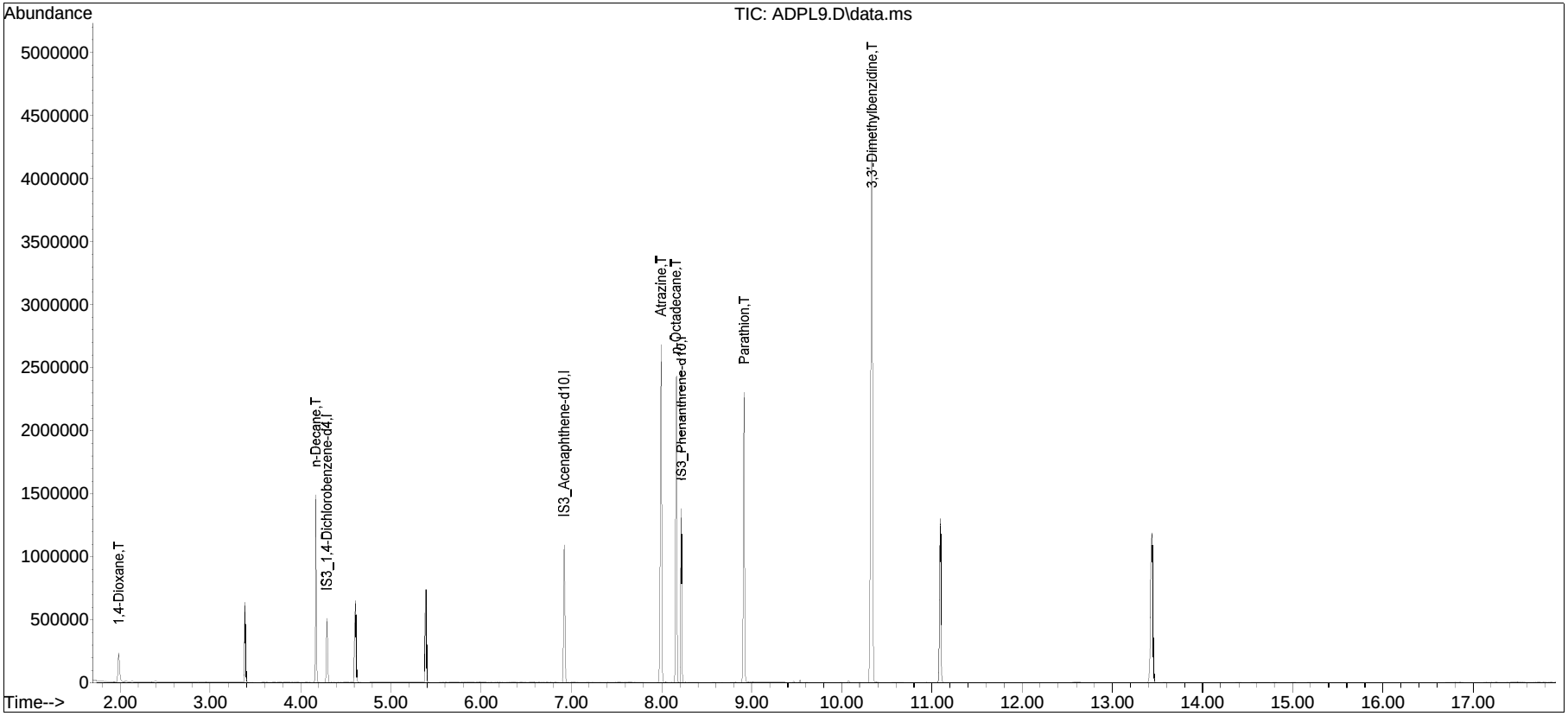
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ADPL9.D
Acq On : 14 Jun 2025 10:33 pm
Operator : Juliet:slr
Sample : IL22,32,,ADPL150 Lot# 11636
Misc : WG2079414,,
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jun 15 18:40:06 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 18:38:47 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistcal\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Juliet\250614ical\Q	Method	: FS250614Juliet.m
Data File	: ADPL9.D	Operator	: Juliet:slr
Date Inj'd	: 6/14/2025 10:33 pm	Instrument	: Juliet
Sample	: IL22,32,,ADPL150 Lot# 1163	Quant Date	: 6/15/2025 6:40 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ADPL8.D
Acq On : 14 Jun 2025 10:56 pm
Operator : Juliet:slr
Sample : IL23,32,,ADPL100 Lot# 11637
Misc : WG2079414,,
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 15 18:39:56 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 18:38:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	4.287	152	93837	40.000	ug/ml	0.00
Standard Area 1 = 91482			Recovery =	102.57%		
86) IS3_Acenaphthene-d10	6.922	164	249226	40.000	ug/ml	0.00
Standard Area 1 = 251329			Recovery =	99.16%		
100) IS3_Phenanthrene-d10	8.222	188	582287	40.000	ug/ml	# 0.00
Standard Area 1 = 563987			Recovery =	103.24%		
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.981	88	68927	96.569	ug/ml	93
34) n-Decane	4.169	57	171980	97.451	ug/ml	91
87) Atrazine	7.992	200	306693	106.280	ug/ml	99
101) n-Octadecane	8.157	57	305136	102.235	ug/ml	94
102) Parathion	8.910	109	117047	113.622	ug/ml#	91
103) 3,3'-Dimethylbenzidine	10.327	212	1503021	108.312	ug/ml	98

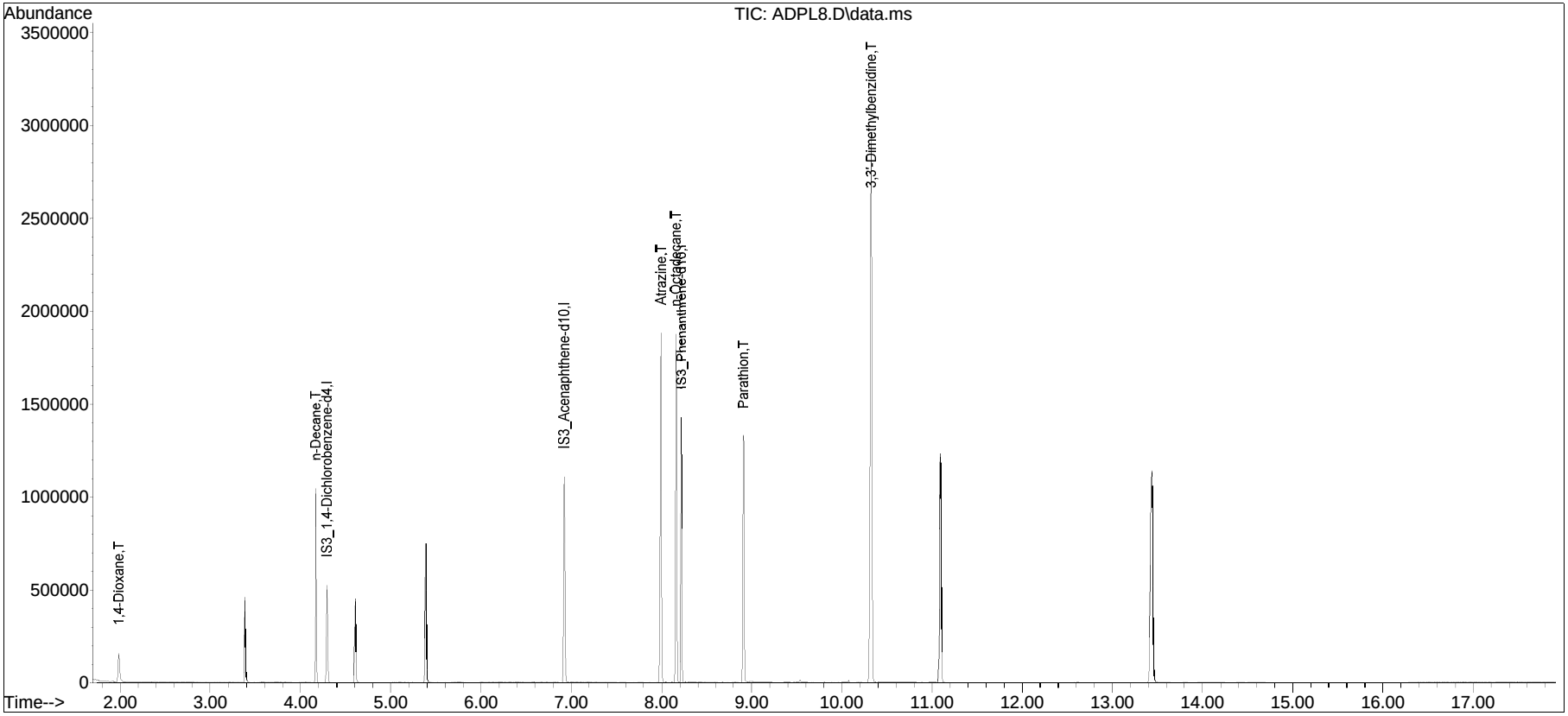
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ADPL8.D
Acq On : 14 Jun 2025 10:56 pm
Operator : Juliet:slr
Sample : IL23,32,,ADPL100 Lot# 11637
Misc : WG2079414,,
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jun 15 18:39:56 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 18:38:47 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistcal\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Juliet\250614ical\Q	Method	: FS250614Juliet.m
Data File	: ADPL8.D	Operator	: Juliet:slr
Date Inj'd	: 6/14/2025 10:56 pm	Instrument	: Juliet
Sample	: IL23,32,,ADPL100 Lot# 1163	Quant Date	: 6/15/2025 6:40 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ADPL7.D
Acq On : 14 Jun 2025 11:20 pm
Operator : Juliet:slr
Sample : IL24,32,,ADPL50 Lot# 11638
Misc : WG2079414,,
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 15 18:39:46 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 18:38:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	4.287	152	91482	40.000	ug/ml	0.00
Standard Area 1 = 91482			Recovery = 100.00%			
86) IS3_Acenaphthene-d10	6.922	164	251329	40.000	ug/ml	0.00
Standard Area 1 = 251329			Recovery = 100.00%			
100) IS3_Phenanthrene-d10	8.222	188	563987	40.000	ug/ml #	0.00
Standard Area 1 = 563987			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.981	88	34984	50.276	ug/ml#	91
34) n-Decane	4.169	57	87249M2	50.712	ug/ml	
87) Atrazine	7.986	200	152327	52.345	ug/ml	99
101) n-Octadecane	8.157	57	152326	52.693	ug/ml	93
102) Parathion	8.910	109	52379	52.496	ug/ml#	94
103) 3,3'-Dimethylbenzidine	10.327	212	700907M2	52.148	ug/ml	

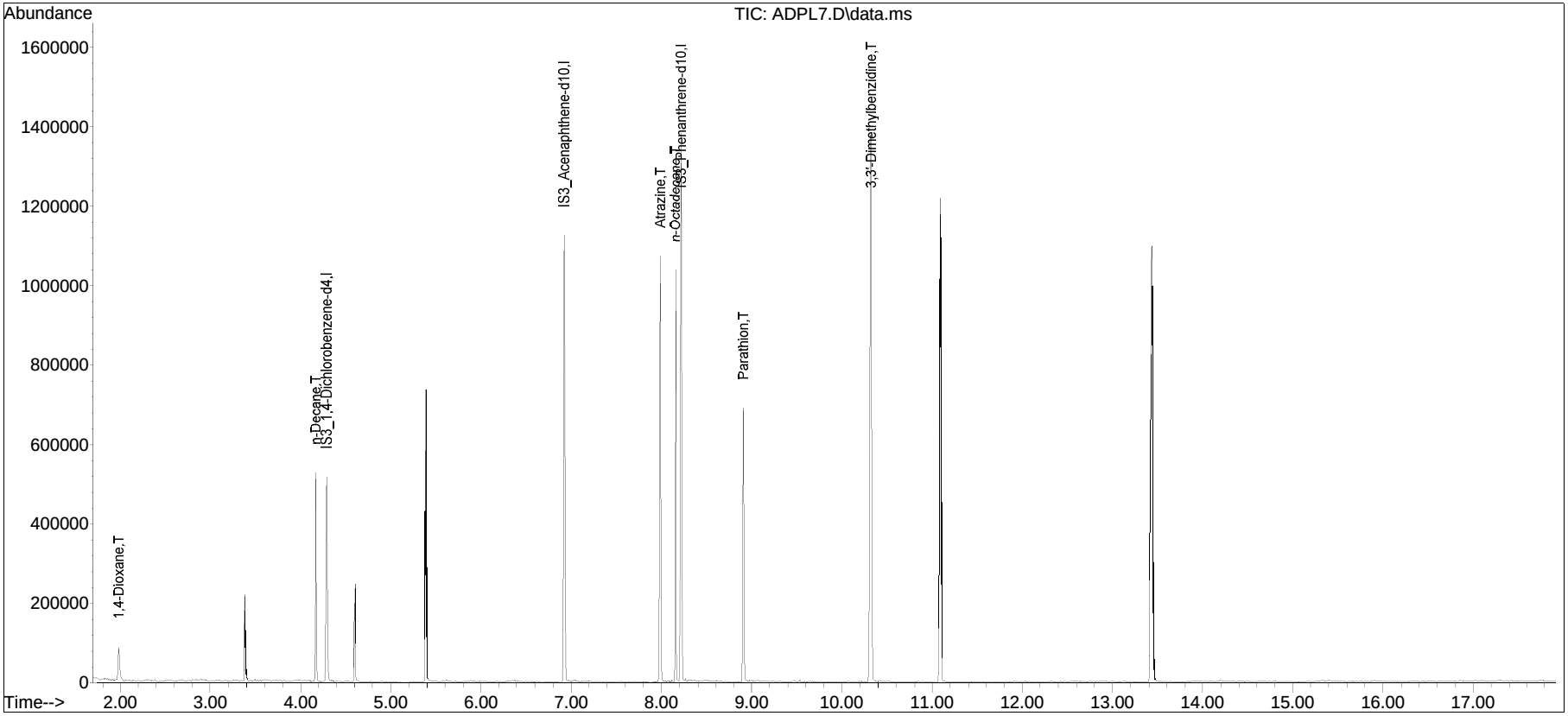
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ADPL7.D
Acq On : 14 Jun 2025 11:20 pm
Operator : Juliet:slr
Sample : IL24,32,,ADPL50 Lot# 11638
Misc : WG2079414,,
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 15 18:39:46 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 18:38:47 2025
Response via : Initial Calibration

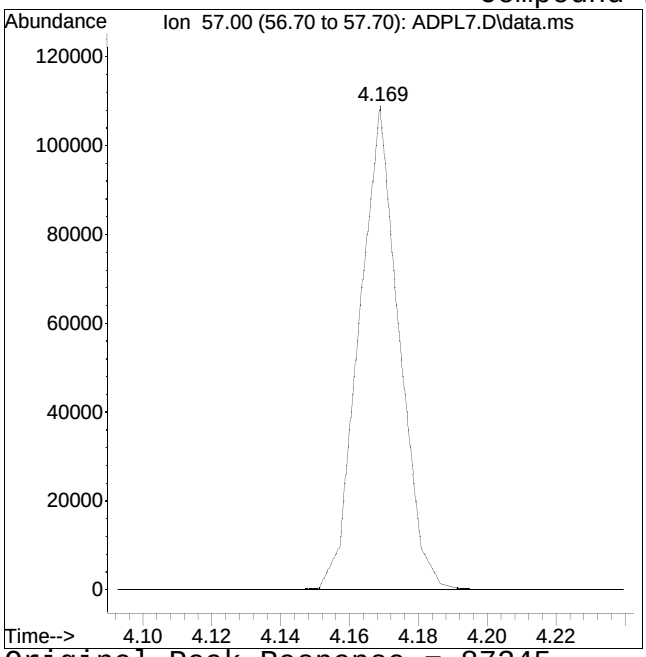
Sub List : ADPical_REV2 - ADP sublistcal\ADPL7.D•



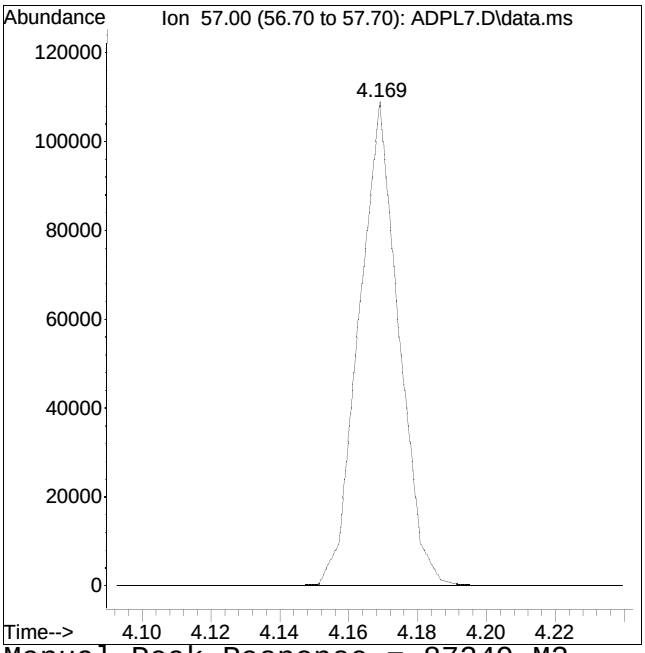
Manual Integration Report

Data Path : I:\8270\Juliet\250614ical\QMethod : FS250614Juliet.m
Data File : ADPL7.D Operator : Juliet:slr
Date Inj'd : 6/14/2025 11:20 pm Instrument : Juliet
Sample : IL24,32,,ADPL50 Lot# 11638Quant Date : 6/15/2025 6:40 pm

Compound #34: n-Decane



Original Peak Response = 87245



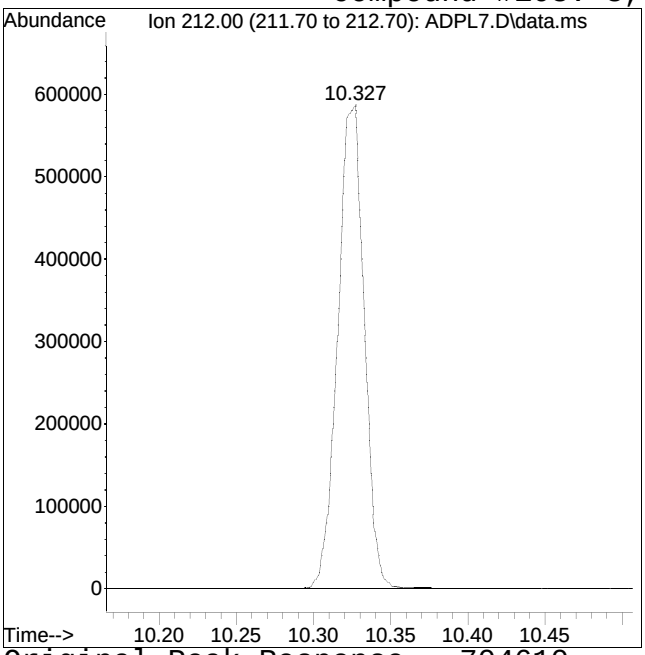
Manual Peak Response = 87249 M2

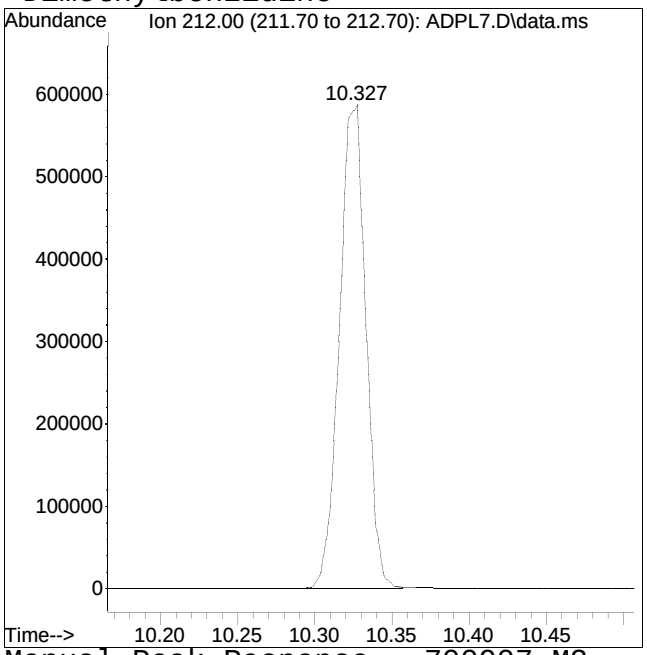
M2 = Peak not found by automatic integration algorithm.

Manual Integration Report

Data Path : I:\8270\Juliet\250614ical\QMethod : FS250614Juliet.m
Data File : ADPL7.D Operator : Juliet:slr
Date Inj'd : 6/14/2025 11:20 pm Instrument : Juliet
Sample : IL24,32,,ADPL50 Lot# 11638Quant Date : 6/15/2025 6:40 pm

Compound #103: 3,3'-Dimethylbenzidine





Original Peak Response = 704610 Manual Peak Response = 700907 M2
M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ADPL6.D
Acq On : 14 Jun 2025 11:44 pm
Operator : Juliet:slr
Sample : IL25,32,,ADPL25 Lot# 11639
Misc : WG2079414,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 15 18:39:36 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 18:38:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	4.287	152	87898	40.000	ug/ml	0.00
Standard Area 1 = 91482			Recovery =	96.08%		
86) IS3_Acenaphthene-d10	6.922	164	235624	40.000	ug/ml	0.00
Standard Area 1 = 251329			Recovery =	93.75%		
100) IS3_Phenanthrene-d10	8.222	188	540740	40.000	ug/ml	# 0.00
Standard Area 1 = 563987			Recovery =	95.88%		
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.981	88	18154	27.153	ug/ml	95
34) n-Decane	4.169	57	42879	25.939	ug/ml	91
87) Atrazine	7.986	200	70138	25.708	ug/ml	99
101) n-Octadecane	8.157	57	73934	26.675	ug/ml	93
102) Parathion	8.910	109	22275	23.284	ug/ml	94
103) 3,3'-Dimethylbenzidine	10.321	212	330625	25.656	ug/ml	98

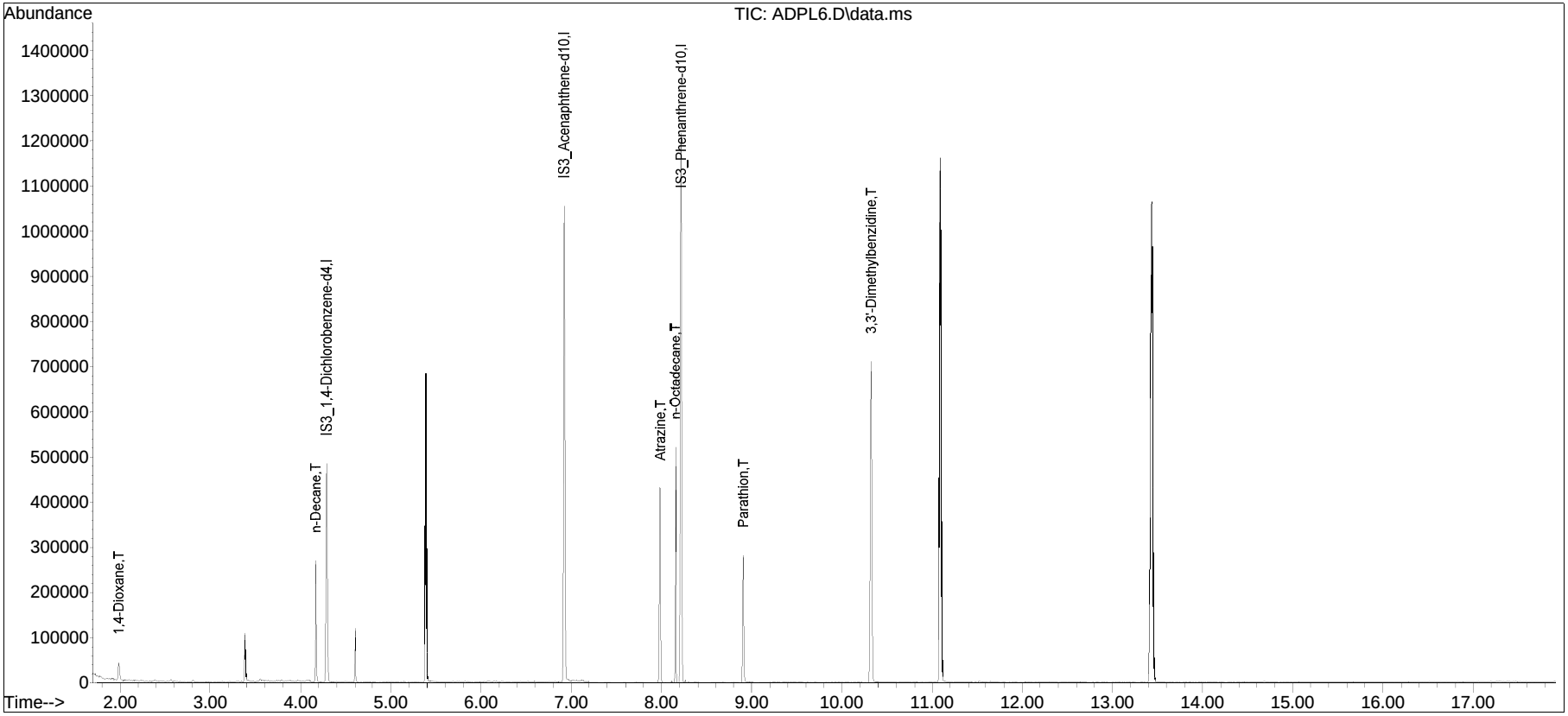
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ADPL6.D
Acq On : 14 Jun 2025 11:44 pm
Operator : Juliet:slr
Sample : IL25,32,,ADPL25 Lot# 11639
Misc : WG2079414,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Jun 15 18:39:36 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 18:38:47 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistcal\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Juliet\250614ical\	QMethod	: FS250614Juliet.m
Data File	: ADPL6.D	Operator	: Juliet:slr
Date Inj'd	: 6/14/2025 11:44 pm	Instrument	: Juliet
Sample	: IL25,32,,ADPL25 Lot# 11639	Quant Date	: 6/15/2025 6:40 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ADPL5.D
Acq On : 15 Jun 2025 12:07 am
Operator : Juliet:slr
Sample : IL26,32,,ADPL10 Lot# 11640
Misc : WG2079414,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 15 18:39:26 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 18:38:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	4.287	152	100504	40.000	ug/ml	0.00
Standard Area 1 = 91482			Recovery = 109.86%			
86) IS3_Acenaphthene-d10	6.922	164	270463	40.000	ug/ml	0.00
Standard Area 1 = 251329			Recovery = 107.61%			
100) IS3_Phenanthrene-d10	8.222	188	630945	40.000	ug/ml	# 0.00
Standard Area 1 = 563987			Recovery = 111.87%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.981	88	7673	10.037	ug/ml	95
34) n-Decane	4.169	57	20219	10.697	ug/ml	92
87) Atrazine	7.980	200	32403	10.347	ug/ml	99
101) n-Octadecane	8.157	57	35787	11.066	ug/ml	95
102) Parathion	8.910	109	9471	8.485	ug/ml	95
103) 3,3'-Dimethylbenzidine	10.321	212	125921	8.374	ug/ml	99

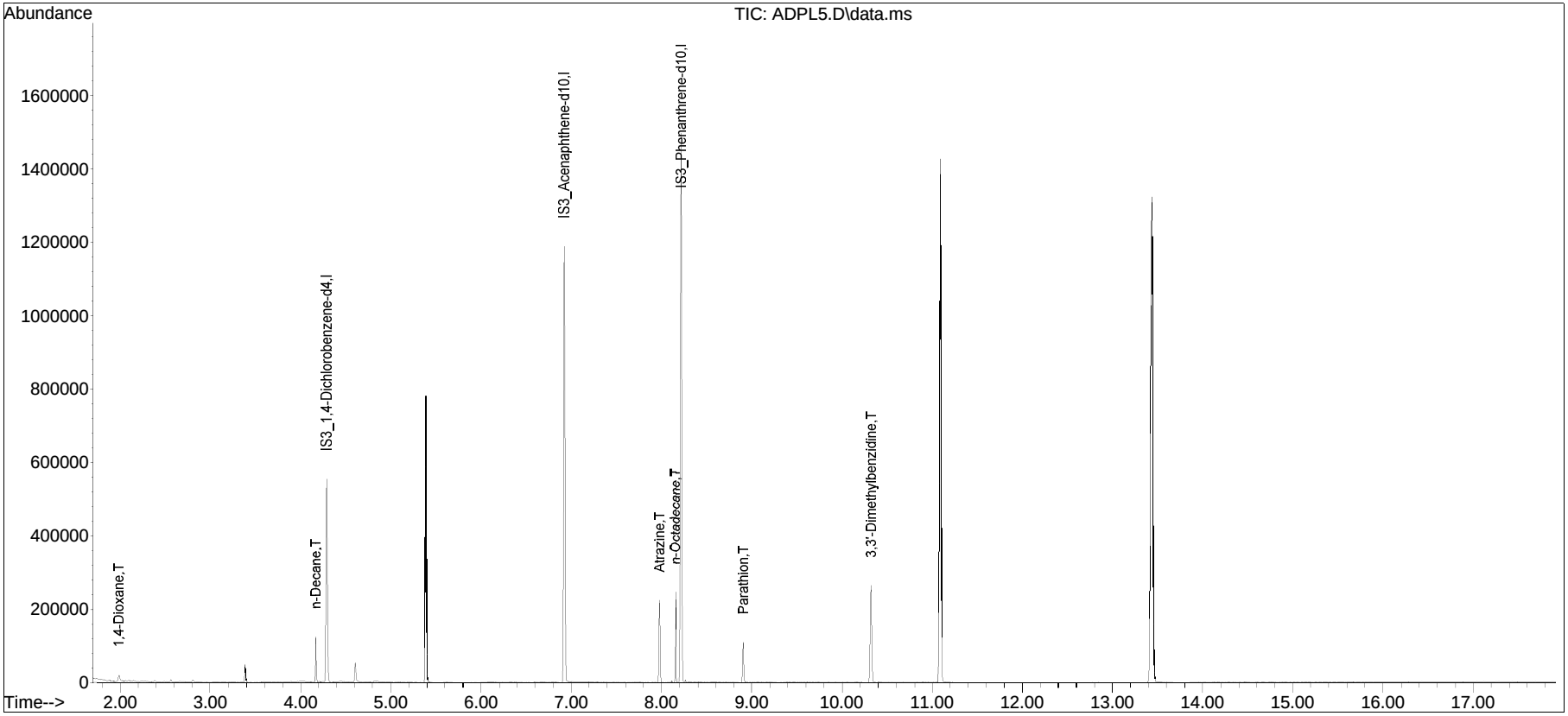
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ADPL5.D
Acq On : 15 Jun 2025 12:07 am
Operator : Juliet:slr
Sample : IL26,32,,ADPL10 Lot# 11640
Misc : WG2079414,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 15 18:39:26 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 18:38:47 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistcal\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Juliet\250614ical\	QMethod	: FS250614Juliet.m
Data File	: ADPL5.D	Operator	: Juliet:slr
Date Inj'd	: 6/15/2025 12:07 am	Instrument	: Juliet
Sample	: IL26,32,,ADPL10 Lot# 11640	Quant Date	: 6/15/2025 6:40 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ADPL4.D
Acq On : 15 Jun 2025 12:31 am
Operator : Juliet:slr
Sample : IL27,32,,ADPL5 Lot# 11641
Misc : WG2079414,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 15 18:39:16 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 18:38:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	4.287	152	96531	40.000	ug/ml	0.00
Standard Area 1 = 91482			Recovery = 105.52%			
86) IS3_Acenaphthene-d10	6.922	164	246237	40.000	ug/ml	0.00
Standard Area 1 = 251329			Recovery = 97.97%			
100) IS3_Phenanthrene-d10	8.222	188	566275	40.000	ug/ml	# 0.00
Standard Area 1 = 563987			Recovery = 100.41%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.987	88	3685	5.019	ug/ml#	93
34) n-Decane	4.169	57	9054	4.987	ug/ml	89
87) Atrazine	7.981	200	13475	4.726	ug/ml	98
101) n-Octadecane	8.157	57	14547	5.012	ug/ml	95
102) Parathion	8.910	109	3461	3.455	ug/ml	96
103) 3,3'-Dimethylbenzidine	10.322	212	51632	3.826	ug/ml	98

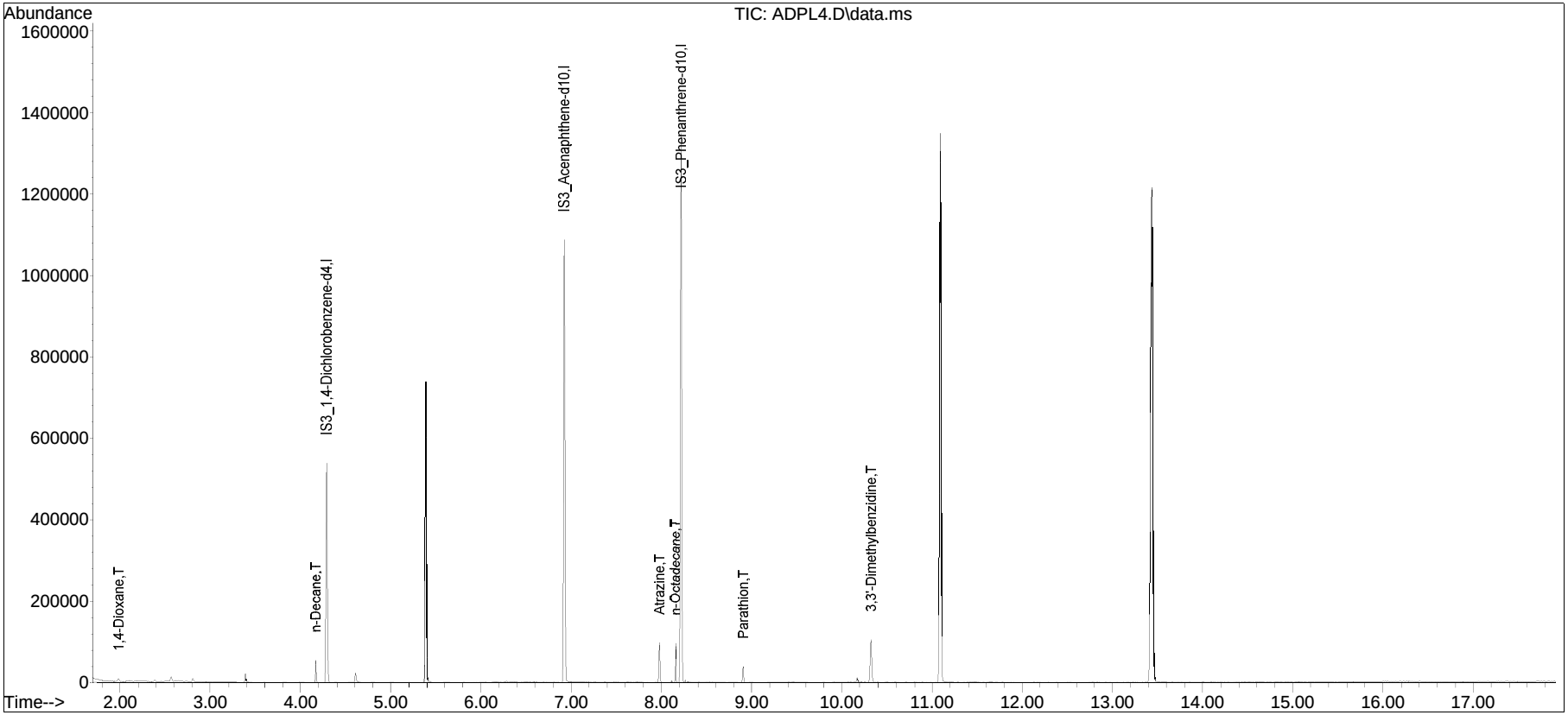
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ADPL4.D
Acq On : 15 Jun 2025 12:31 am
Operator : Juliet:slr
Sample : IL27,32,,ADPL5 Lot# 11641
Misc : WG2079414,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Jun 15 18:39:16 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 18:38:47 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistcal\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Juliet\250614ical\	QMethod	: FS250614Juliet.m
Data File	: ADPL4.D	Operator	: Juliet:slr
Date Inj'd	: 6/15/2025 12:31 am	Instrument	: Juliet
Sample	: IL27,32,,ADPL5 Lot# 11641	Quant Date	: 6/15/2025 6:40 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ADPL3.D
Acq On : 15 Jun 2025 12:54 am
Operator : Juliet:slr
Sample : IL28,32,,ADPL3 Lot# 11642
Misc : WG2079414,,
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 15 18:39:07 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 18:38:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	4.287	152	86760	40.000	ug/ml	# 0.00
Standard Area 1 = 91482			Recovery = 94.84%			
86) IS3_Acenaphthene-d10	6.922	164	226498	40.000	ug/ml	0.00
Standard Area 1 = 251329			Recovery = 90.12%			
100) IS3_Phenanthrene-d10	8.222	188	516357	40.000	ug/ml	# 0.00
Standard Area 1 = 563987			Recovery = 91.55%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.981	88	2000	3.031	ug/ml#	82
34) n-Decane	4.169	57	5129	3.143	ug/ml	92
87) Atrazine	7.980	200	7099	2.707	ug/ml	98
101) n-Octadecane	8.157	57	7267	2.746	ug/ml	92
102) Parathion	8.910	109	1740	1.905	ug/ml#	79
103) 3,3'-Dimethylbenzidine	10.322	212	21689	1.763	ug/ml	97

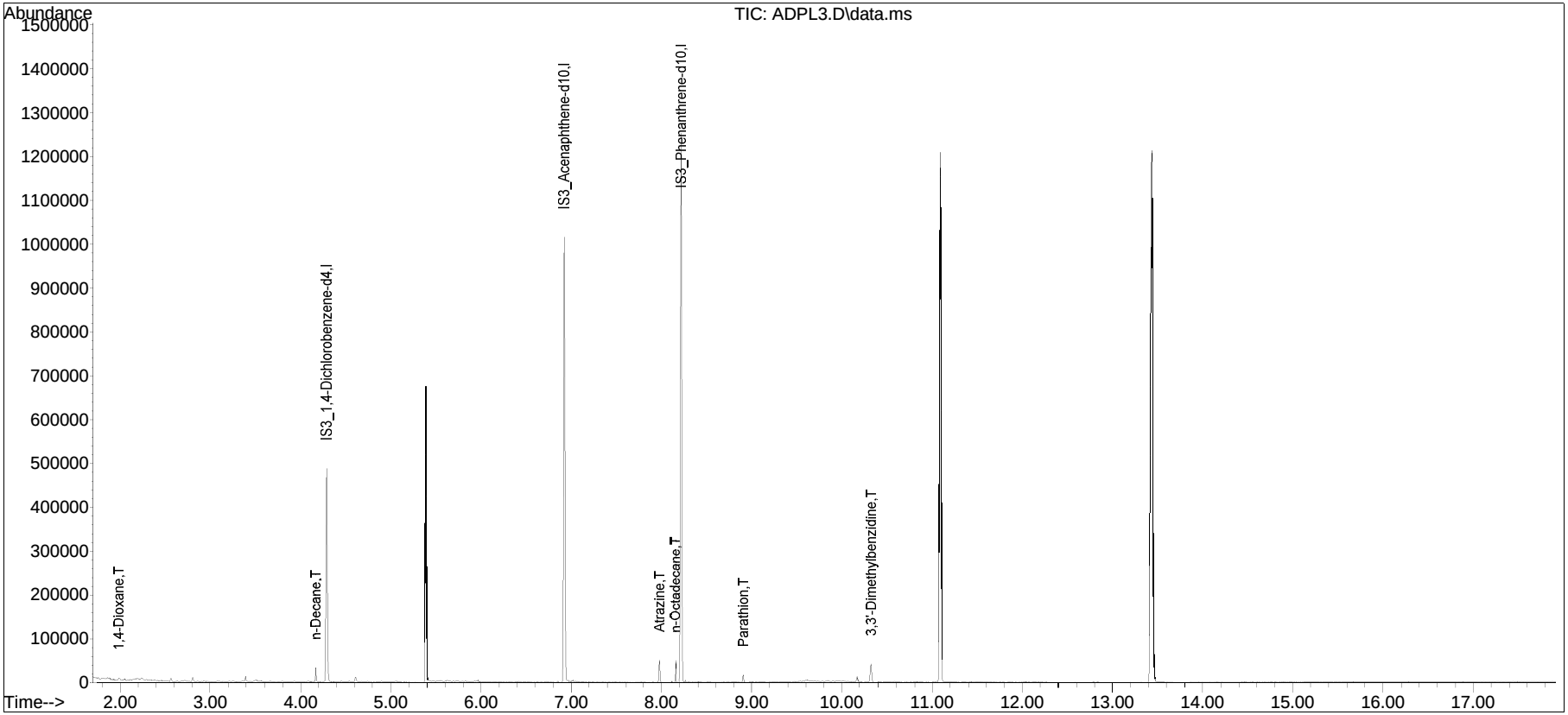
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ADPL3.D
Acq On : 15 Jun 2025 12:54 am
Operator : Juliet:slr
Sample : IL28,32,,ADPL3 Lot# 11642
Misc : WG2079414,,
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jun 15 18:39:07 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 18:38:47 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistcal\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Juliet\250614ical\	QMethod	: FS250614Juliet.m
Data File	: ADPL3.D	Operator	: Juliet:slr
Date Inj'd	: 6/15/2025 12:54 am	Instrument	: Juliet
Sample	: IL28,32,,ADPL3 Lot# 11642	Quant Date	: 6/15/2025 6:39 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ADPL2.D
Acq On : 15 Jun 2025 1:18 am
Operator : Juliet:slr
Sample : IL29,32,,ADPL2 Lot# 11643
Misc : WG2079414,,
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 15 18:38:57 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 18:38:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	4.287	152	93582	40.000	ug/ml	0.00
Standard Area 1 = 91482			Recovery = 102.30%			
86) IS3_Acenaphthene-d10	6.922	164	249390	40.000	ug/ml	0.00
Standard Area 1 = 251329			Recovery = 99.23%			
100) IS3_Phenanthrene-d10	8.222	188	581370	40.000	ug/ml	# 0.00
Standard Area 1 = 563987			Recovery = 103.08%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.987	88	1502	2.110	ug/ml#	31
34) n-Decane	4.169	57	3659	2.079	ug/ml#	85
87) Atrazine	7.980	200	5516	1.910	ug/ml	96
101) n-Octadecane	8.157	57	5886	1.975	ug/ml	91
102) Parathion	8.910	109	1278	1.243	ug/ml#	73
103) 3,3'-Dimethylbenzidine	10.321	212	12929	0.933	ug/ml	96

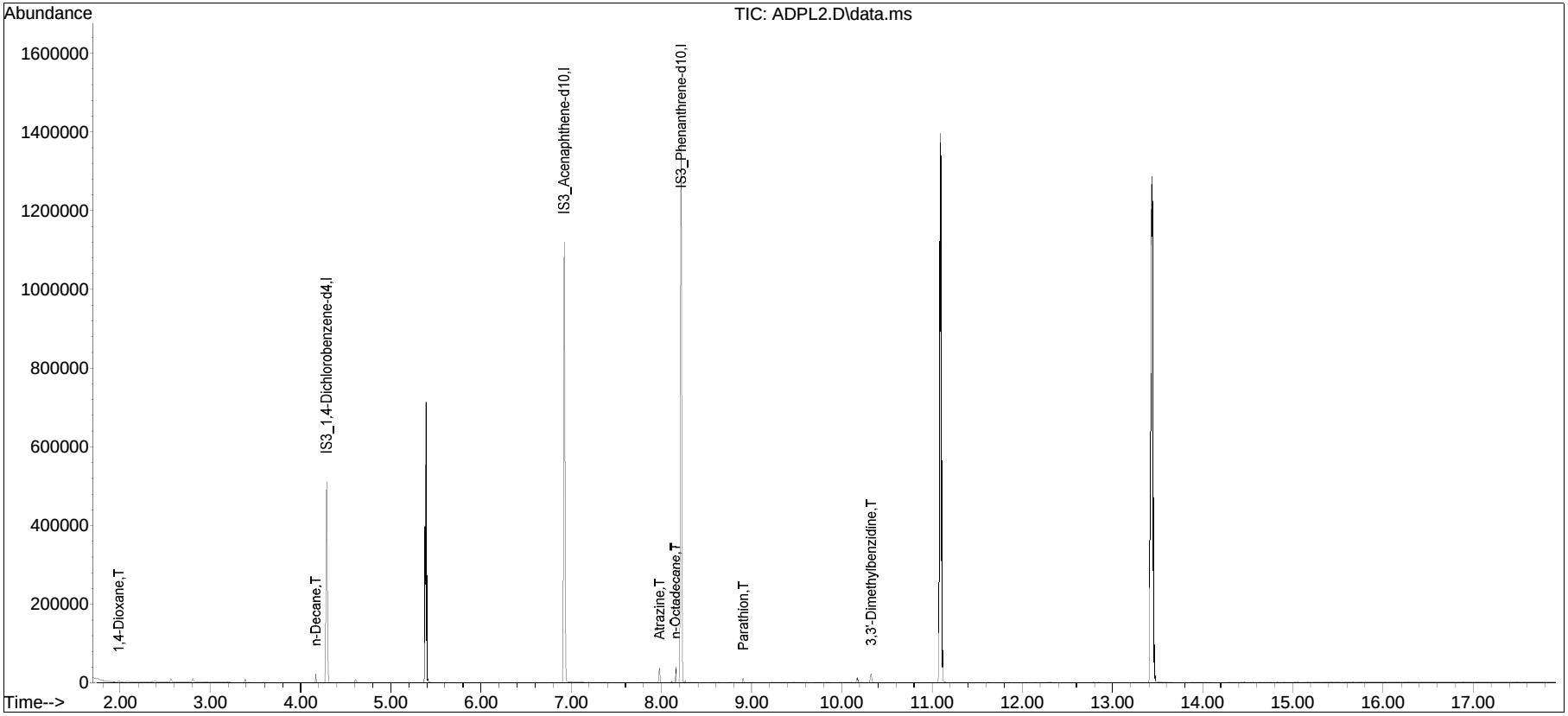
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ADPL2.D
Acq On : 15 Jun 2025 1:18 am
Operator : Juliet:slr
Sample : IL29,32,,ADPL2 Lot# 11643
Misc : WG2079414,,
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Jun 15 18:38:57 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 18:38:47 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistcal\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Juliet\250614ical\	QMethod	: FS250614Juliet.m
Data File	: ADPL2.D	Operator	: Juliet:slr
Date Inj'd	: 6/15/2025 1:18 am	Instrument	: Juliet
Sample	: IL29,32,,ADPL2 Lot# 11643	Quant Date	: 6/15/2025 6:39 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ADPL1.D
Acq On : 15 Jun 2025 1:41 am
Operator : Juliet:slr
Sample : IL30,32,,ADPL1 Lot# 11644
Misc : WG2079414,,
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 15 18:38:37 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 18:38:47 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	4.287	152	107409	40.000	ug/ml	0.00
Standard Area 1 = 91482			Recovery = 117.41%			
86) IS3_Acenaphthene-d10	6.922	164	284407	40.000	ug/ml	0.00
Standard Area 1 = 251329			Recovery = 113.16%			
100) IS3_Phenanthrene-d10	8.222	188	674626	40.000	ug/ml	# 0.00
Standard Area 1 = 563987			Recovery = 119.62%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.993	88	382M2	0.468	ug/ml	
34) n-Decane	4.169	57	939M2	0.465	ug/ml	
87) Atrazine	7.980	200	1395	0.424	ug/ml#	36
101) n-Octadecane	8.157	57	1551	0.449	ug/ml#	51
102) Parathion	8.910	109	305M2	0.256	ug/ml	
103) 3,3'-Dimethylbenzidine	0.000		0	N.D.		

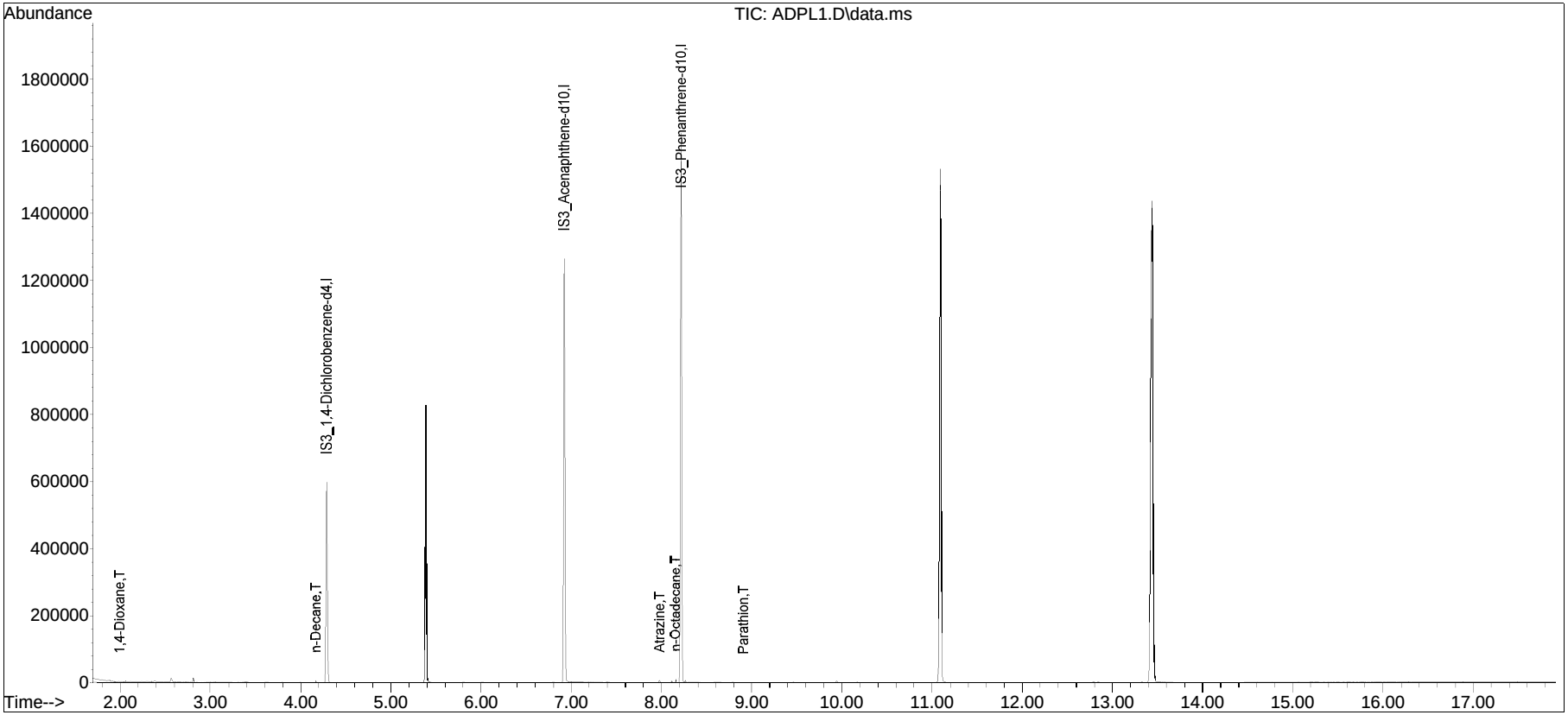
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ADPL1.D
Acq On : 15 Jun 2025 1:41 am
Operator : Juliet:slr
Sample : IL30,32,,ADPL1 Lot# 11644
Misc : WG2079414,,
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Jun 15 18:38:37 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 18:38:47 2025
Response via : Initial Calibration

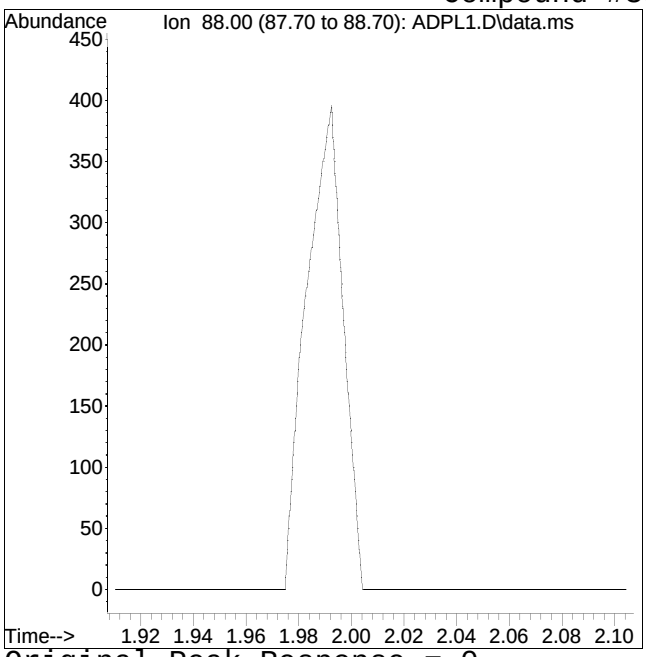
Sub List : ADPical_REV2 - ADP sublistcal\ADPL7.D•



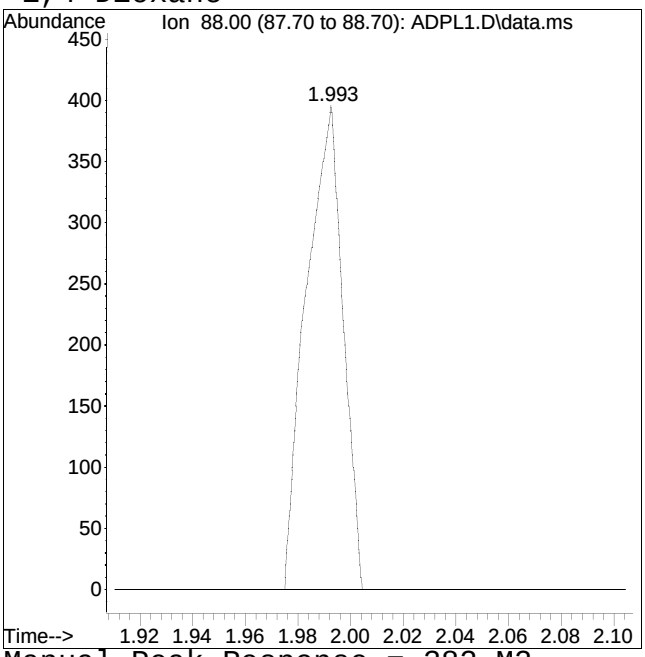
Manual Integration Report

Data Path : I:\8270\Juliet\250614ical\QMethod : FS250614Juliet.m
Data File : ADPL1.D Operator : Juliet:slr
Date Inj'd : 6/15/2025 1:41 am Instrument : Juliet
Sample : IL30,32,,ADPL1 Lot# 11644 Quant Date : 6/15/2025 6:39 pm

Compound #33: 1,4-Dioxane



Original Peak Response = 0



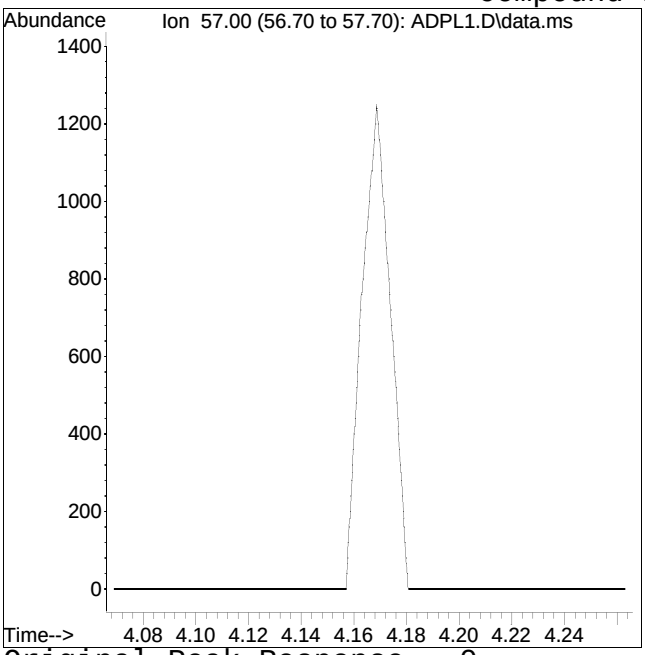
Manual Peak Response = 382 M2

M2 = Peak not found by automatic integration algorithm.

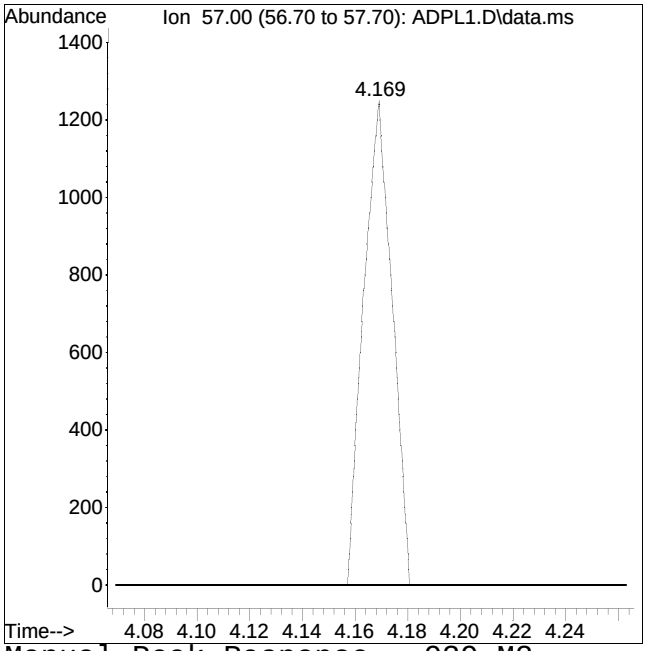
Manual Integration Report

Data Path : I:\8270\Juliet\250614ical\QMethod : FS250614Juliet.m
Data File : ADPL1.D Operator : Juliet:slr
Date Inj'd : 6/15/2025 1:41 am Instrument : Juliet
Sample : IL30,32,,ADPL1 Lot# 11644 Quant Date : 6/15/2025 6:39 pm

Compound #34: n-Decane



Original Peak Response = 0



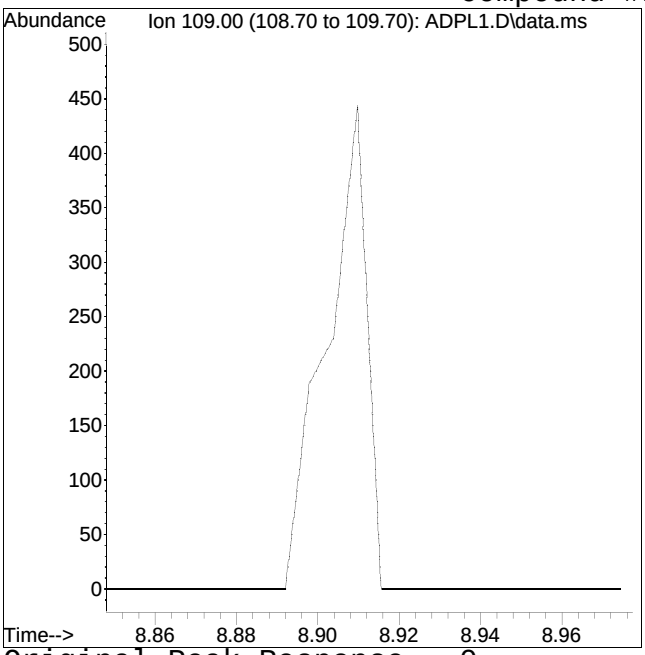
Manual Peak Response = 939 M2

M2 = Peak not found by automatic integration algorithm.

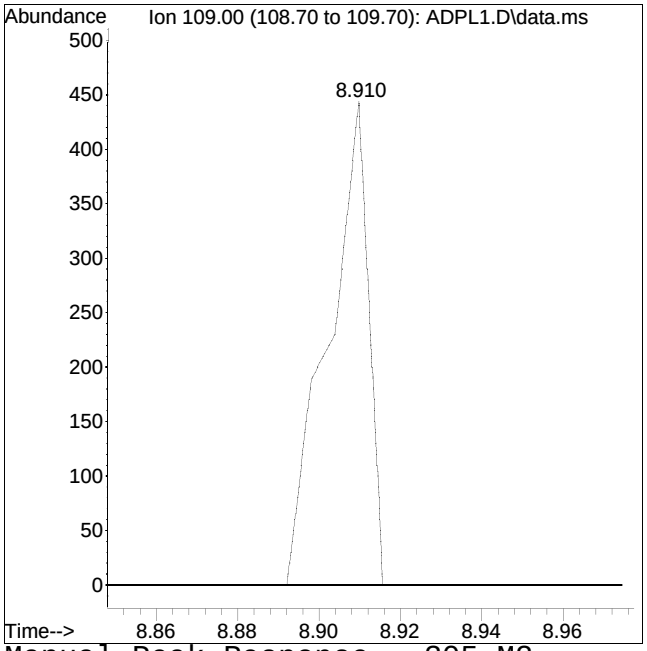
Manual Integration Report

Data Path : I:\8270\Juliet\250614ical\QMethod : FS250614Juliet.m
Data File : ADPL1.D Operator : Juliet:slr
Date Inj'd : 6/15/2025 1:41 am Instrument : Juliet
Sample : IL30,32,,ADPL1 Lot# 11644 Quant Date : 6/15/2025 6:39 pm

Compound #102: Parathion



Original Peak Response = 0



Manual Peak Response = 305 M2

M2 = Peak not found by automatic integration algorithm.

Evaluate Continuing Calibration Report

Data Path : I:\8270\Juliet\250614ical\
Data File : ADPICV.D
Acq On : 15 Jun 2025 2:05 am
Operator : Juliet:slr
Sample : CQICV3,32,,ADPICV Lot# 11337
Misc : WG2079414,,
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 16 11:58:02 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jun 16 11:53:15 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
32	I	IS3_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
33	T	1,4-Dioxane	0.304	0.292	3.9	85	0.00
34	T	n-Decane	0.752	0.748	0.5	87	0.00
86	I	IS3_Acenaphthene-d10	1.000	1.000	0.0	86	0.00
87	T	Atrazine	0.463	0.468	-1.1	83	0.00
100	I	IS3_Phenanthrene-d10	1.000	1.000	0.0	89	0.00
101	T	n-Octadecane	0.205	0.195	4.9	80	0.00
102	T	Parathion	0.071	0.065	8.5	77	0.00
103	T	3,3'-Dimethylbenzidine	0.953	1.052	-10.4	94	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ADPICV.D
Acq On : 15 Jun 2025 2:05 am
Operator : Juliet:slr
Sample : CQICV3,32,,ADPICV Lot# 11337
Misc : WG2079414,,
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 16 11:58:02 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jun 16 11:53:15 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	4.287	152	81129	40.000	ug/ml	0.00
Standard Area 1 = 91482			Recovery =	88.68%		
86) IS3_Acenaphthene-d10	6.922	164	215162	40.000	ug/ml	0.00
Standard Area 1 = 251329			Recovery =	85.61%		
100) IS3_Phenanthrene-d10	8.222	188	502625	40.000	ug/ml	# 0.00
Standard Area 1 = 563987			Recovery =	89.12%		
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.981	88	29610	47.983	ug/ml	92
34) n-Decane	4.169	57	75844	49.708	ug/ml	91
87) Atrazine	7.986	200	125959	50.560	ug/ml	98
101) n-Octadecane	8.157	57	122608	47.590	ug/ml	94
102) Parathion	8.910	109	40561	45.614	ug/ml#	92
103) 3,3'-Dimethylbenzidine	10.327	212	660677	55.156	ug/ml	99

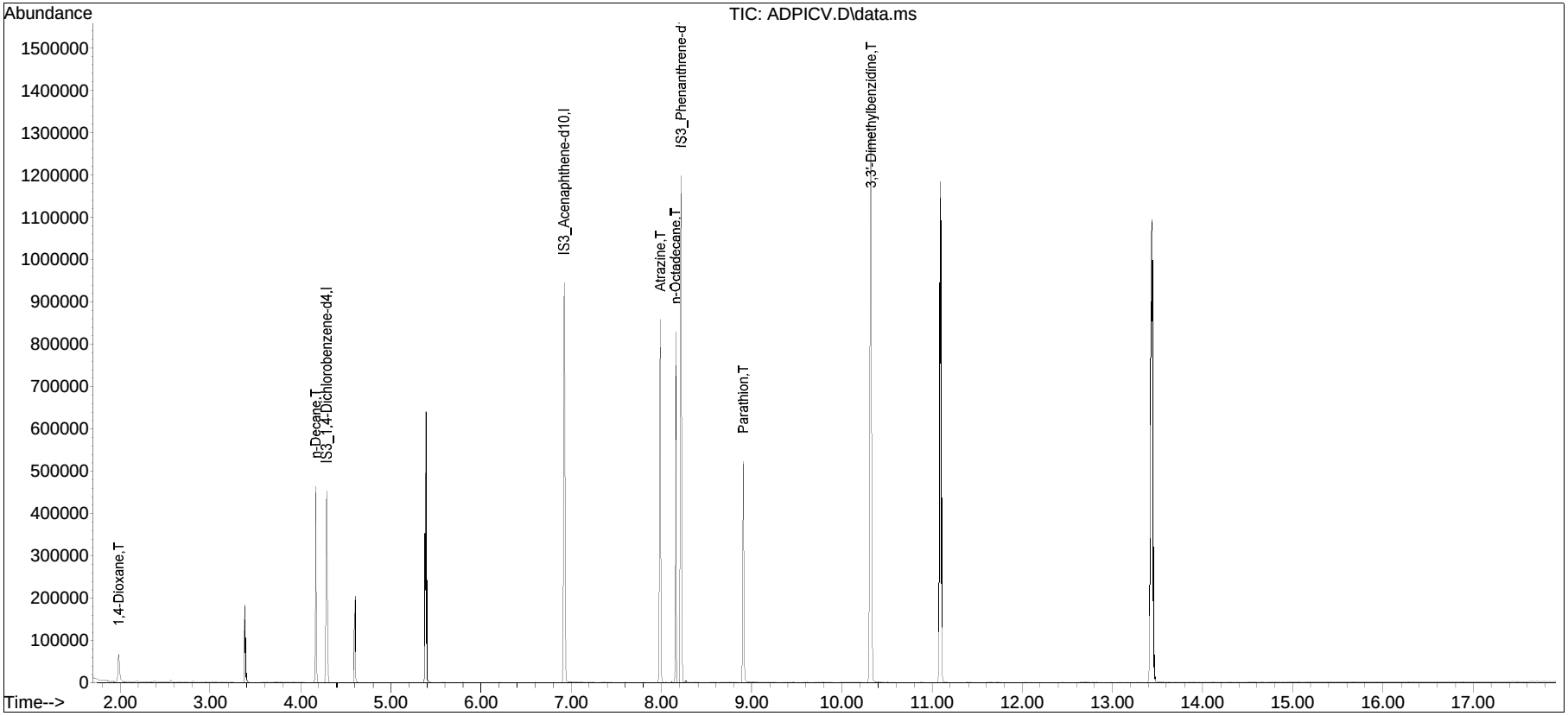
(#) = qualifier out of range (m) = manual integration (+) = signals summed

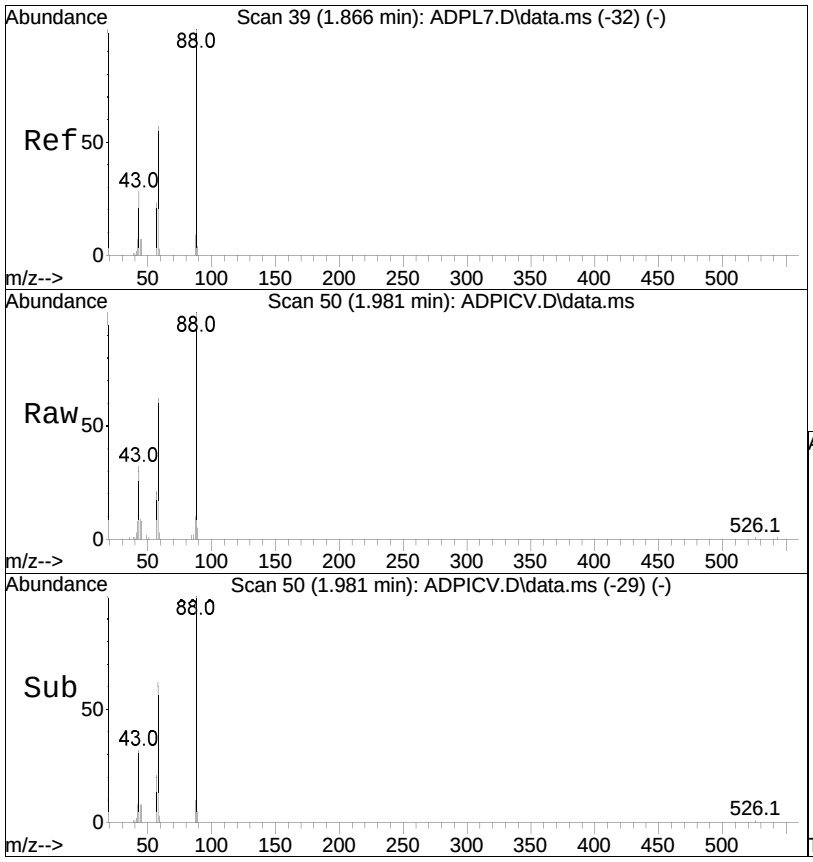
Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ADPICV.D
Acq On : 15 Jun 2025 2:05 am
Operator : Juliet:slr
Sample : CQICV3,32,,ADPICV Lot# 11337
Misc : WG2079414,,
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jun 16 11:58:02 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jun 16 11:53:15 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistcal\ADPL7.D•

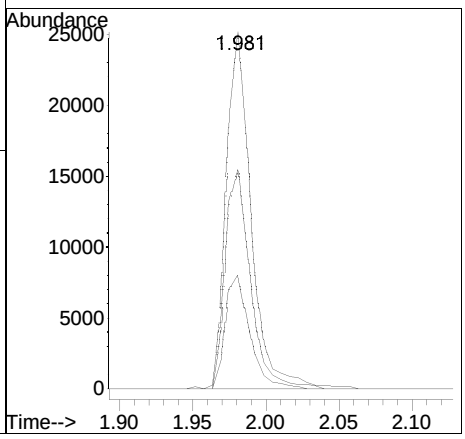


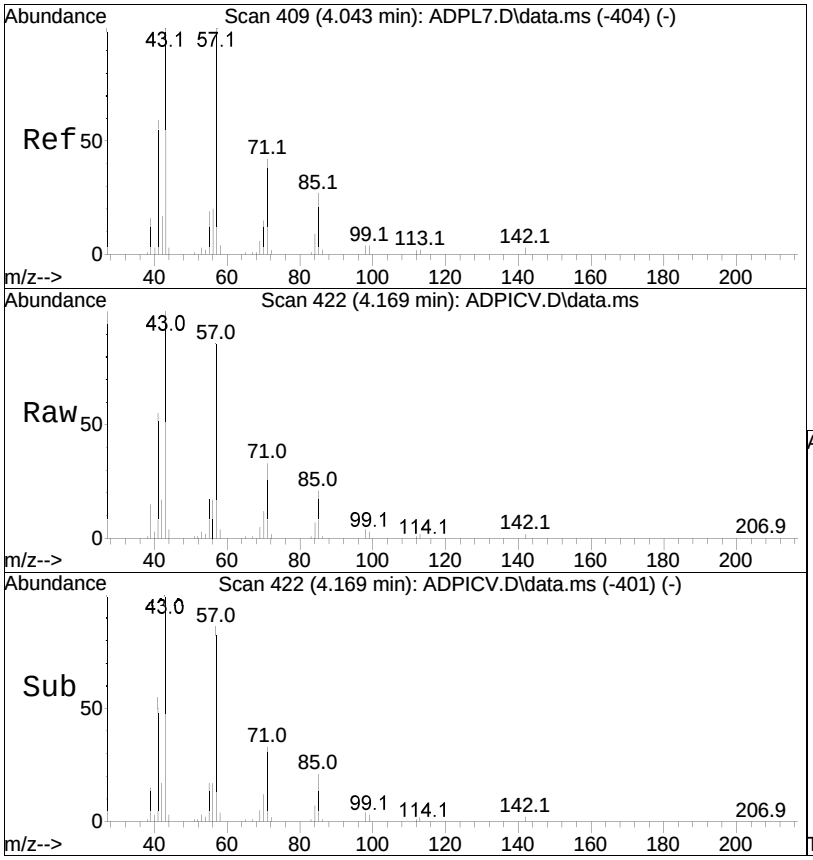


#33
1,4-Dioxane
Concen: 47.98 ug/ml
RT: 1.981 min Scan# 50
Delta R.T. -0.000 min
Lab File: ADPICV.D
Acq: 15 Jun 2025 2:05 am

Tgt Ion: 88 Resp: 29610

Ion	Ratio	Lower	Upper
88	100		
58	62.2	44.8	67.2
43	31.7	22.4	33.6

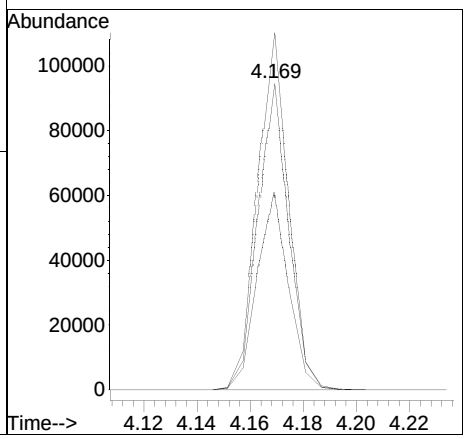


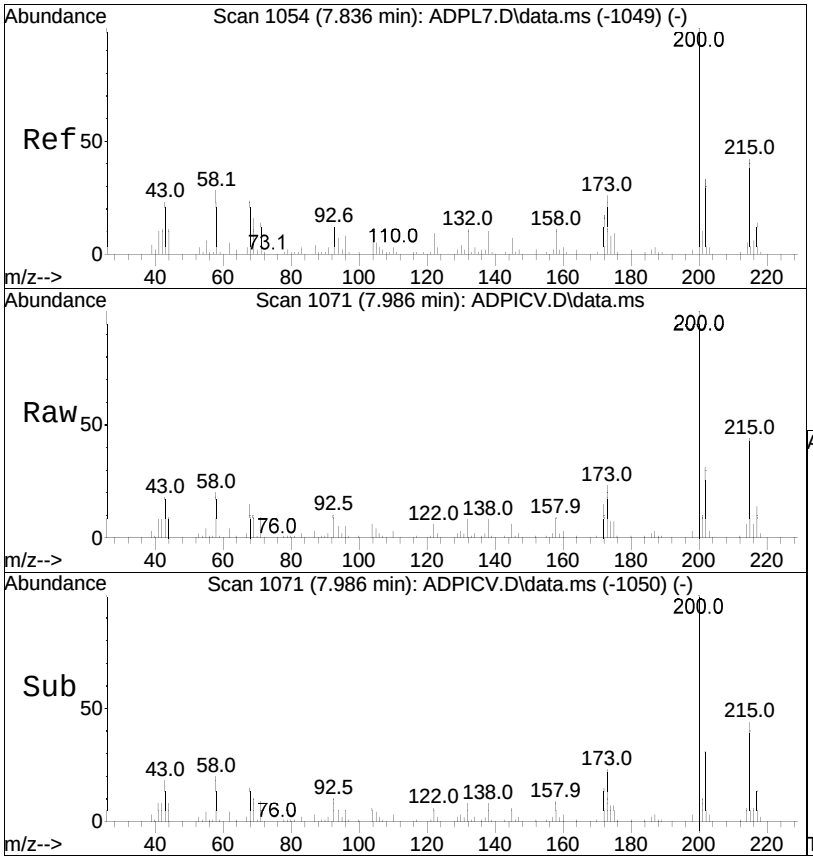


#34
n-Decane
Concen: 49.71 ug/ml
RT: 4.169 min Scan# 422
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 15 Jun 2025 2:05 am

Tgt Ion: 57 Resp: 75844

Ion	Ratio	Lower	Upper
57	100		
43	117.7	87.7	131.5
41	66.2	46.0	69.0

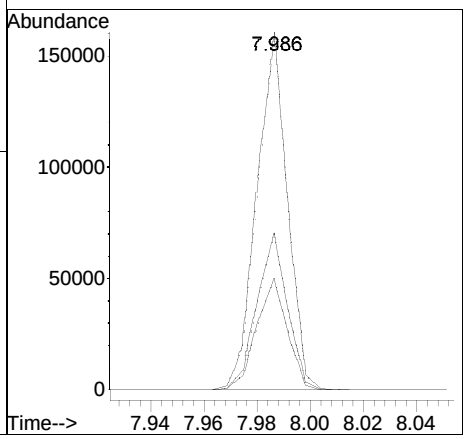


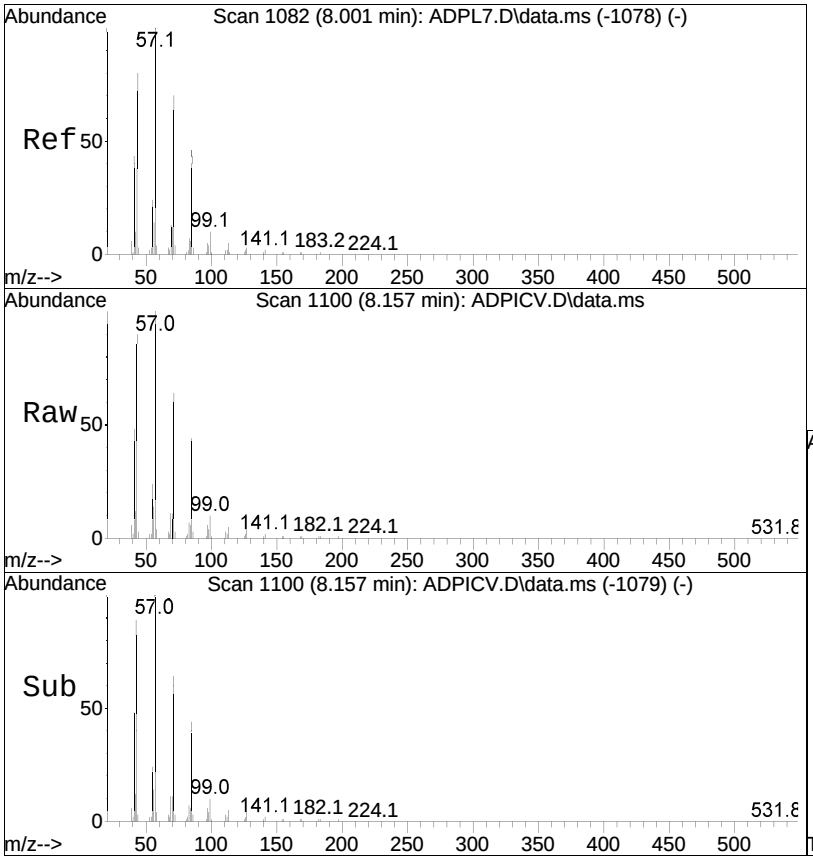


#87
Atrazine
Concen: 50.56 ug/ml
RT: 7.986 min Scan# 1071
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 15 Jun 2025 2:05 am

Tgt Ion:200 Resp: 125959

Ion	Ratio	Lower	Upper
200	100		
202	31.6	26.5	39.7
215	44.2	35.8	53.6

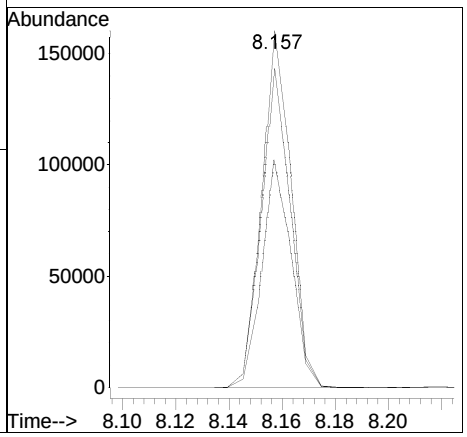


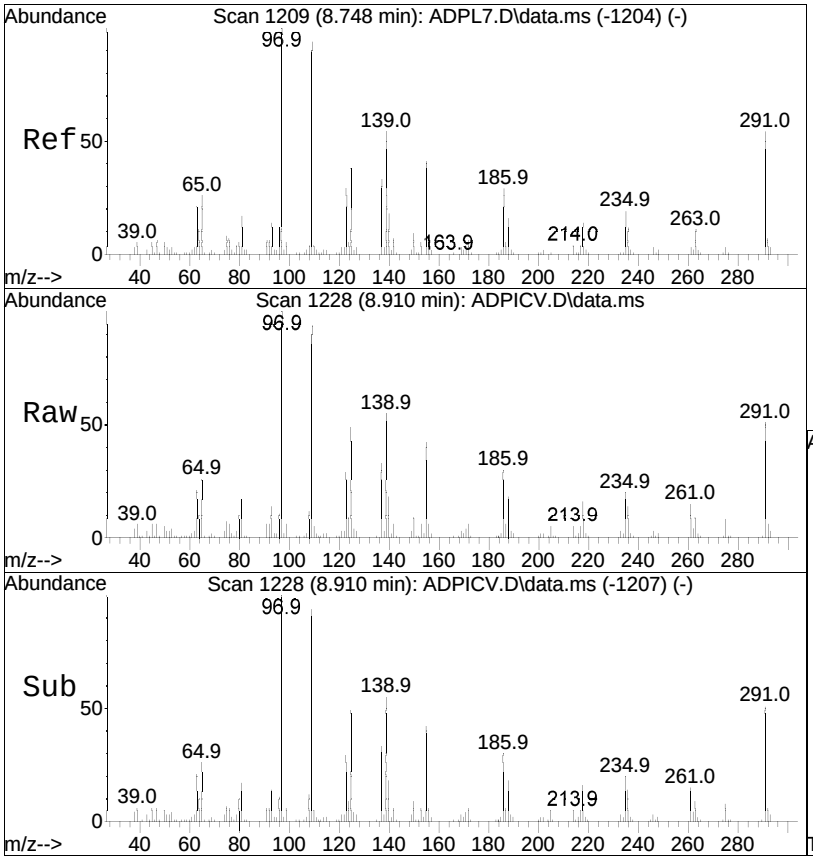


#101
n-Octadecane
Concen: 47.59 ug/ml
RT: 8.157 min Scan# 1100
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 15 Jun 2025 2:05 am

Tgt Ion: 57 Resp: 122608

Ion	Ratio	Lower	Upper
57	100		
43	88.8	64.6	96.8
71	63.9	49.9	74.9

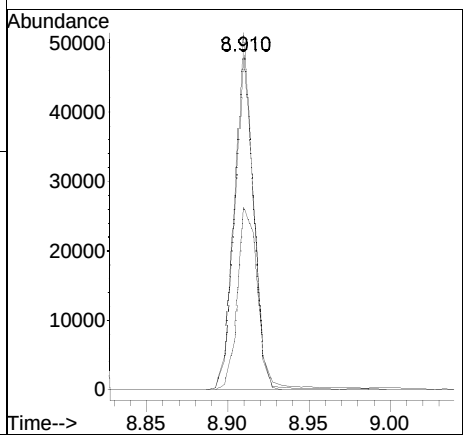


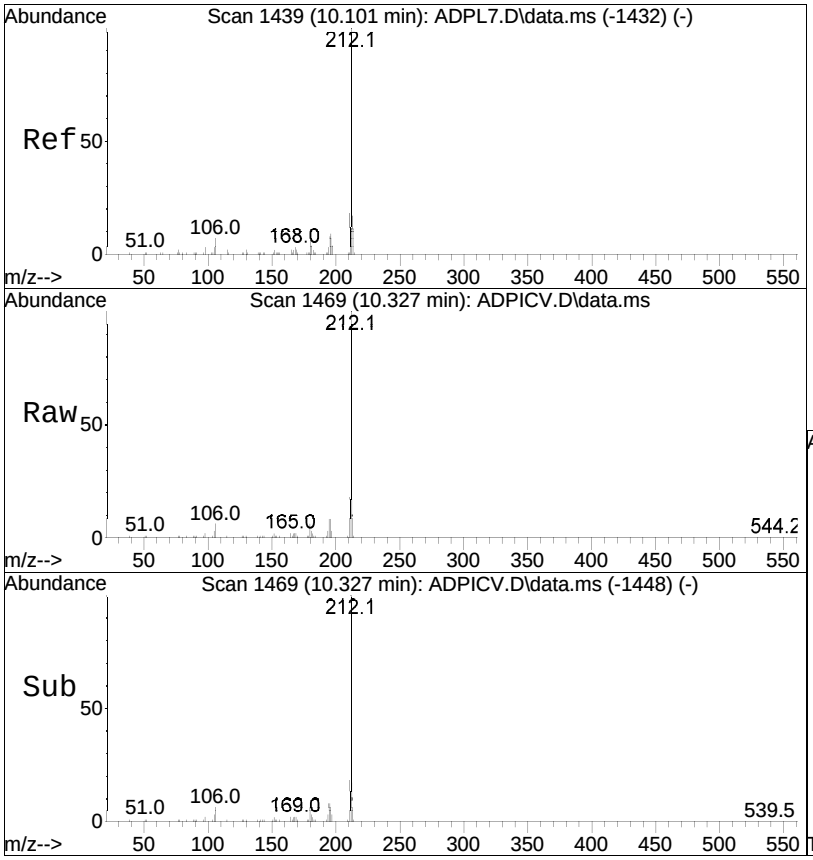


#102
Parathion
Concen: 45.61 ug/ml
RT: 8.910 min Scan# 1228
Delta R.T. -0.000 min
Lab File: ADPICV.D
Acq: 15 Jun 2025 2:05 am

Tgt Ion:109 Resp: 40561

Ion	Ratio	Lower	Upper
109	100		
97	100.6	83.4	125.2
291	54.0	34.2	51.4#

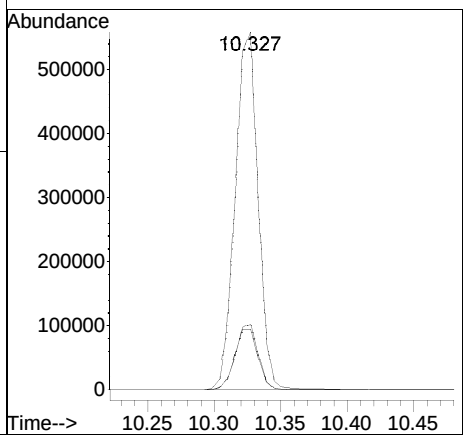




#103
3,3'-Dimethylbenzidine
Concen: 55.16 ug/ml
RT: 10.327 min Scan# 1469
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 15 Jun 2025 2:05 am

Tgt Ion:212 Resp: 660677

Ion	Ratio	Lower	Upper
212	100		
211	18.3	15.3	22.9
213	17.5	14.3	21.5



Manual Integration Report

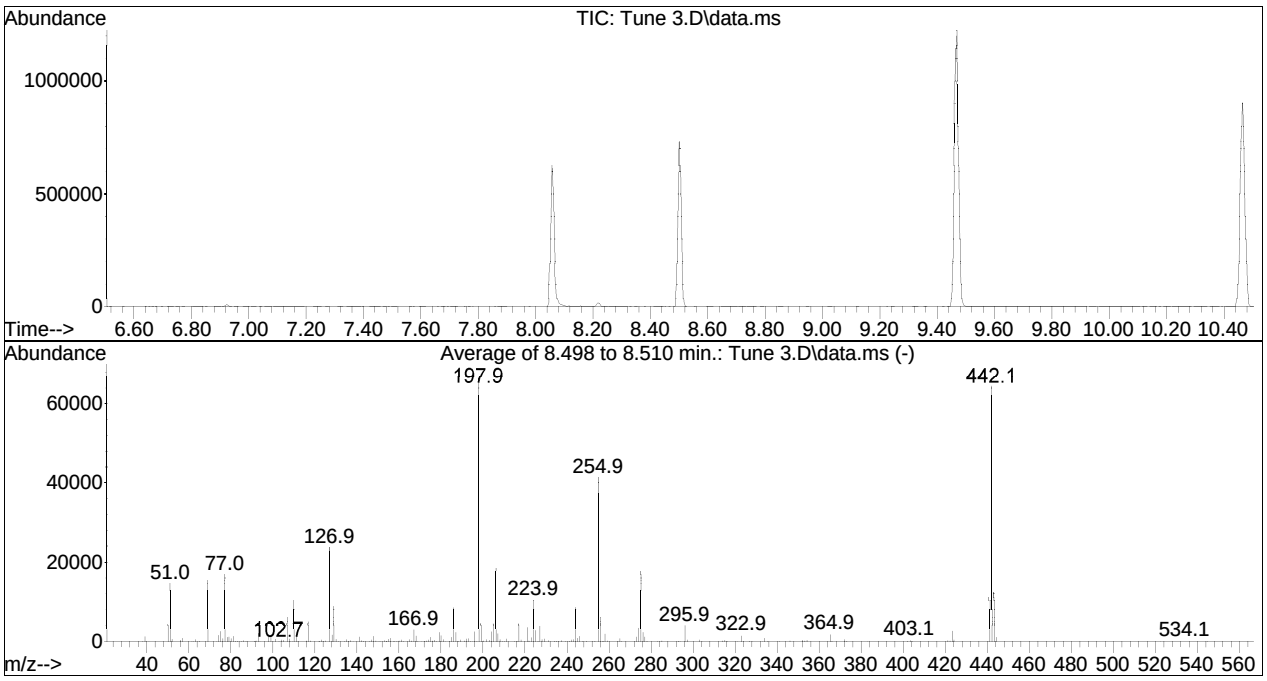
Data Path	: I:\8270\Juliet\250614ical\	QMethod	: FS250614Juliet.m
Data File	: ADPICV.D	Operator	: Juliet:slr
Date Inj'd	: 6/15/2025 2:05 am	Instrument	: Juliet
Sample	: CQICV3,32,,ADPICV Lot# 113	Quant Date	: 6/16/2025 11:59 am

There are no manual integrations or false positives in this file.

Data Path : I:\8270\Juliet\250614ical\
Data File : Tune 3.D
Acq On : 15 Jun 2025 6:26 pm
Operator : Juliet:slr
Sample : Tune 1 Lot#11649
Misc : WG2079414,,
ALS Vial : 100 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Jun 16 11:53:15 2025



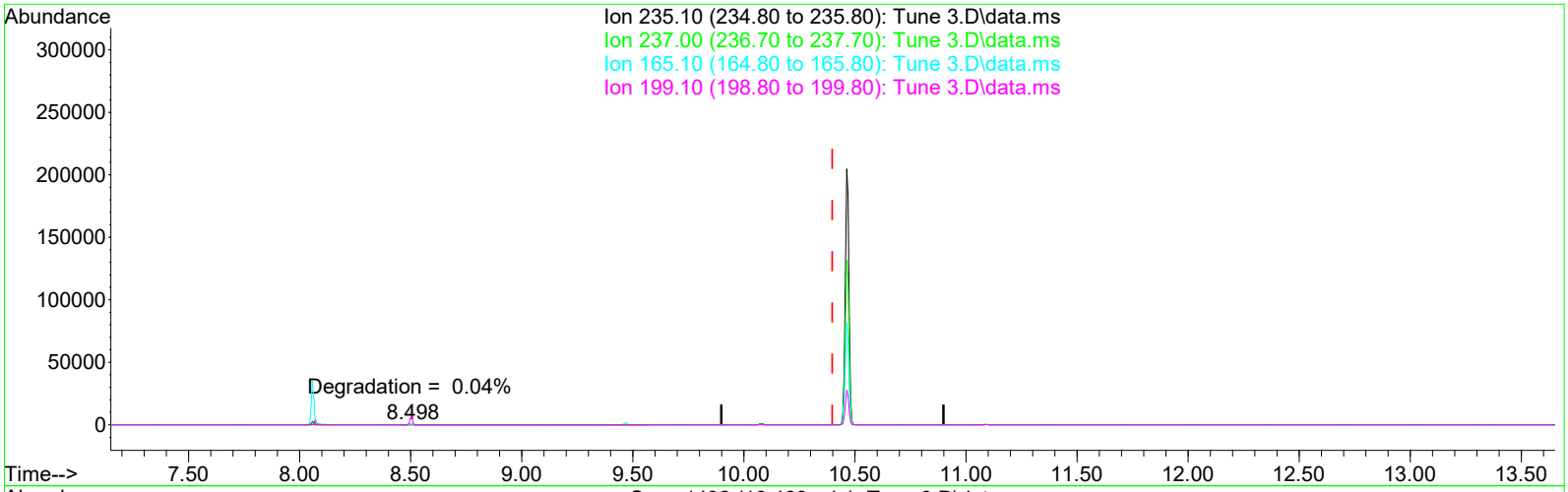
AutoFind: Scans 1158, 1159, 1160; Background Corrected with Scan 1153

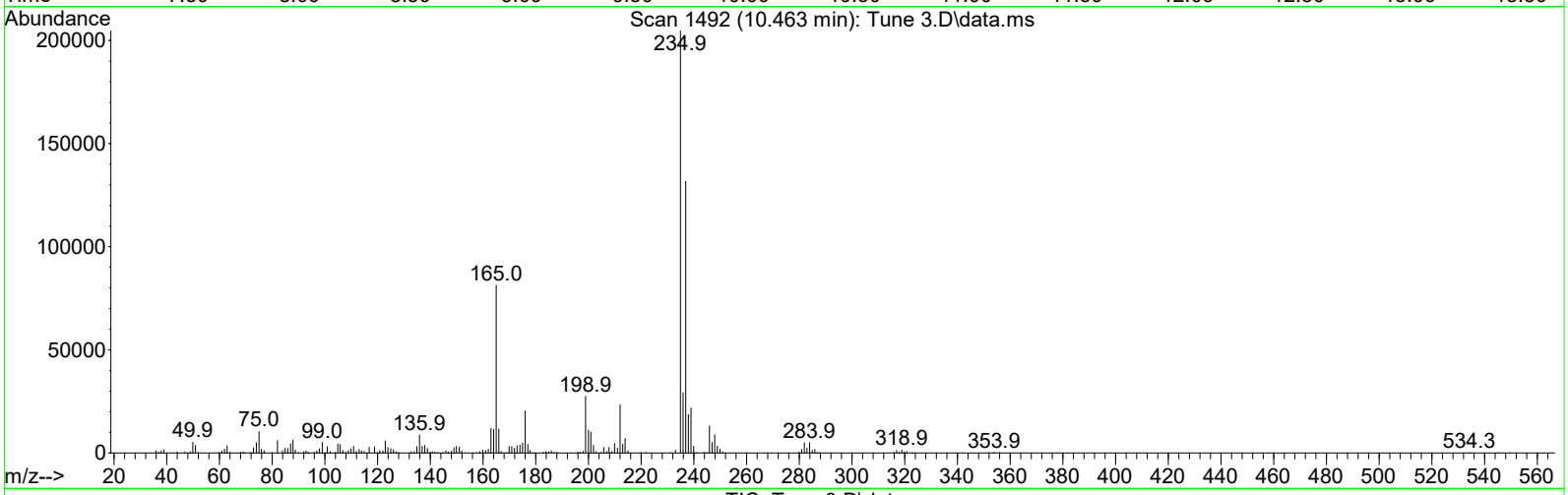
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	21.8	14502	PASS
68	69	0.00	2	0.0	0	PASS
69	69	100	100	100.0	15307	PASS
70	69	0.00	2	0.0	0	PASS
127	198	10	80	35.6	23726	PASS
197	198	0.00	2	0.2	152	PASS
198	198	100	100	100.0	66557	PASS
199	198	5	9	6.9	4590	PASS
275	198	10	60	26.6	17681	PASS
365	198	1	100	2.7	1803	PASS
441	442	0.01	24	17.2	11089	PASS
442	198	50	100	97.0	64573	PASS
443	442	15	24	19.2	12376	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\Juliet\250614ical\
Data File : Tune 3.D
Acq On : 15 Jun 2025 6:26 pm
Operator : Juliet:slr
Sample : Tune 1 Lot#11649
Misc : WG2079414,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Jun 15 18:43:46 2025
Quant Method : I:\8270\Juliet\250614ical\DftppJuliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:39:27 2025
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





TIC: Tune 3.D\data.ms

(6) DDT (T)

10.463min (+ 0.063) 47.68

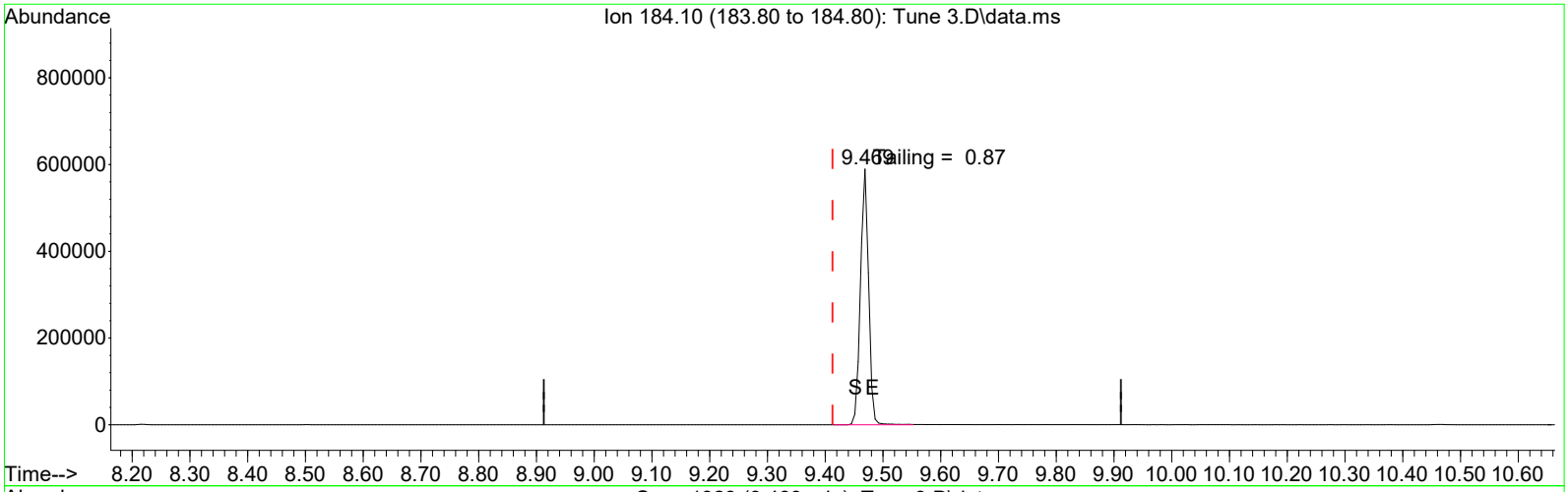
response 235781

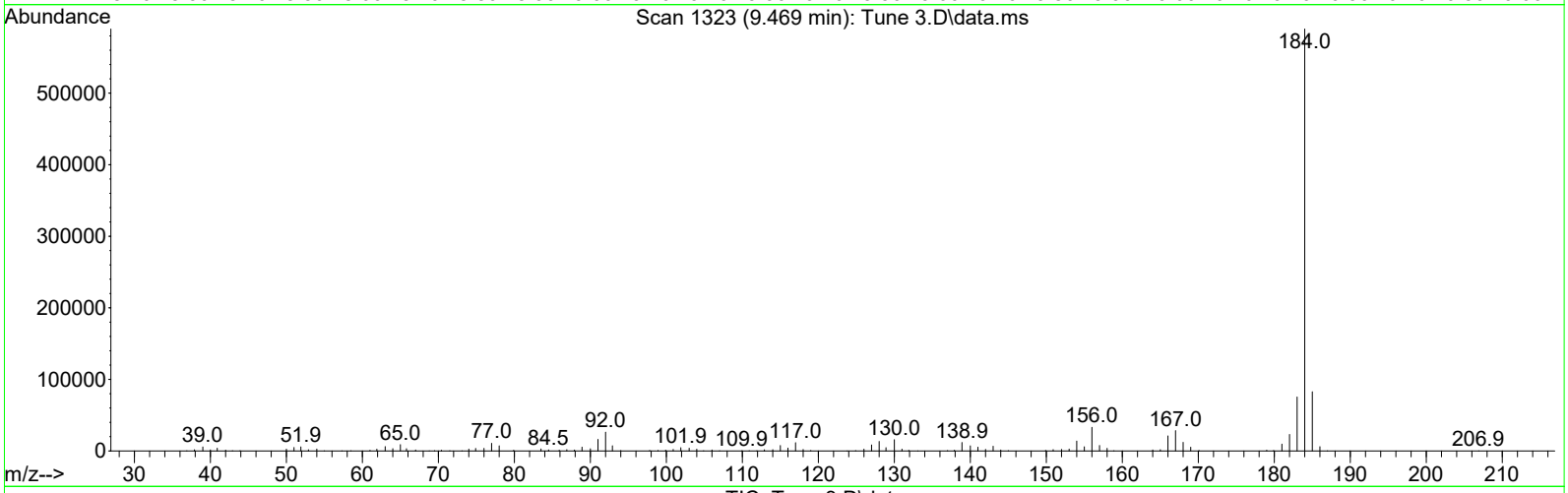
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	63.60	64.38
165.10	48.40	38.08
199.10	13.50	13.06

Quantitation Report (Qedit)

Data Path : I:\8270\Juliet\250614ical\
Data File : Tune 3.D
Acq On : 15 Jun 2025 6:26 pm
Operator : Juliet:slr
Sample : Tune 1 Lot#11649
Misc : WG2079414,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Jun 15 18:43:46 2025
Quant Method : I:\8270\Juliet\250614ical\DftppJuliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:39:27 2025
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





TIC: Tune 3.D\data.ms

(3) Benzidine (T)

9.469min (+ 0.056) 47.15

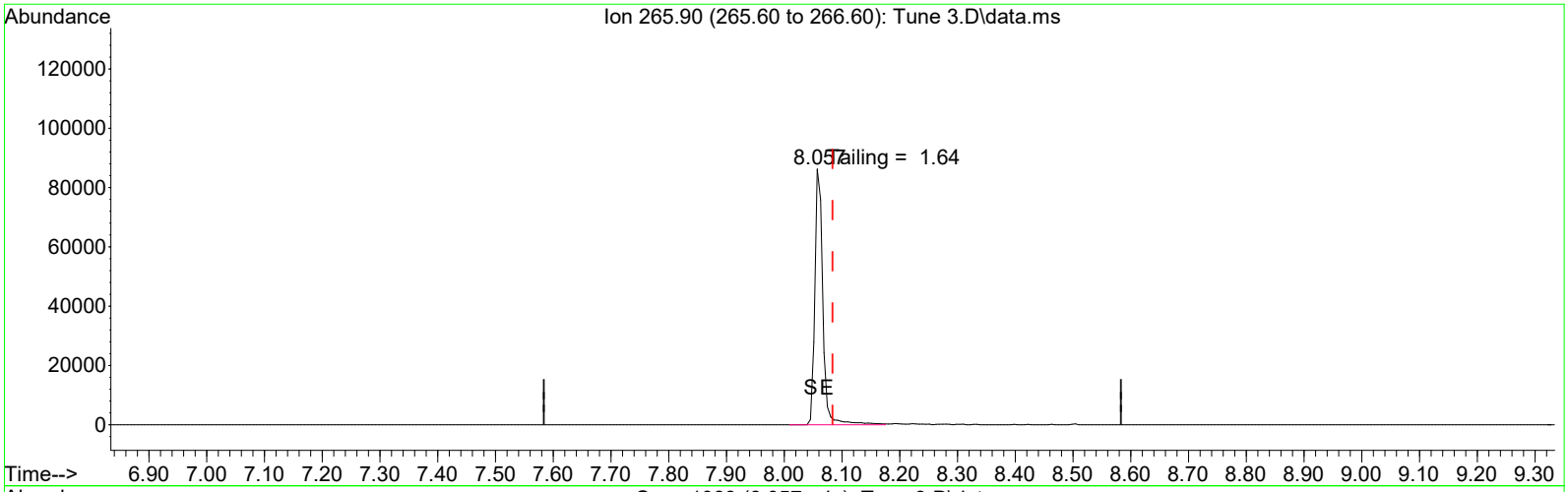
response 580769

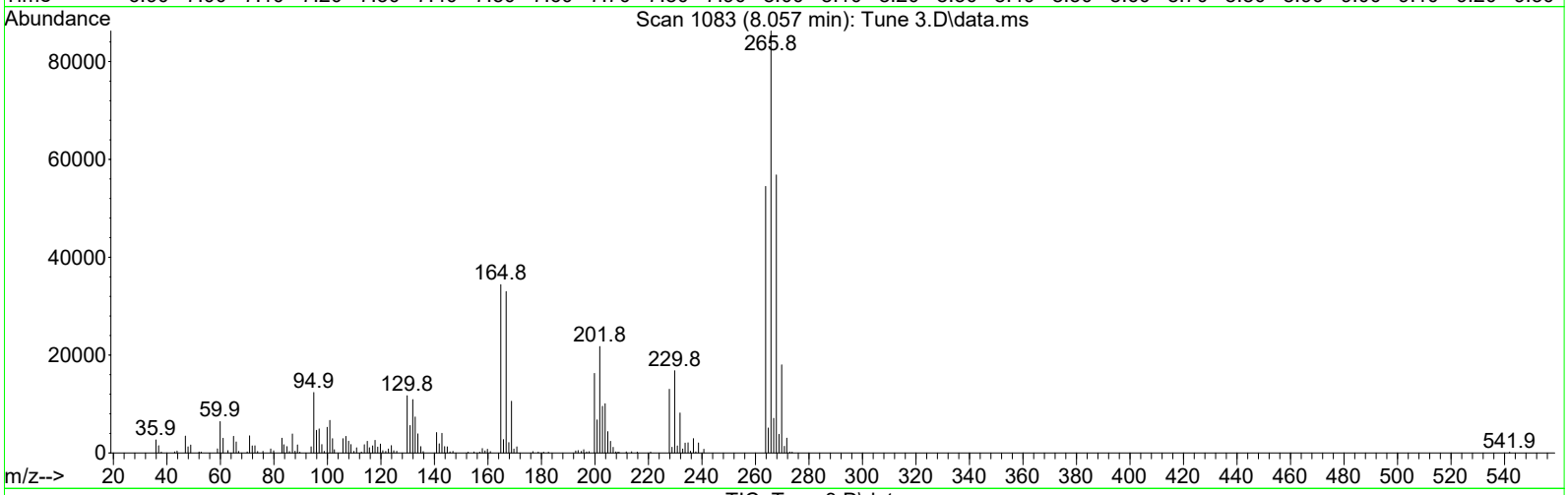
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\Juliet\250614ical\
Data File : Tune 3.D
Acq On : 15 Jun 2025 6:26 pm
Operator : Juliet:slr
Sample : Tune 1 Lot#11649
Misc : WG2079414,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Jun 15 18:43:46 2025
Quant Method : I:\8270\Juliet\250614ical\DftppJuliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:39:27 2025
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





TIC: Tune 3.D\data.ms

(1) Pentachlorophenol (T)

8.057min (-0.027) 42.63

response 83725

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNICVa.D
Acq On : 15 Jun 2025 6:59 pm
Operator : Juliet:slr
Sample : CQICV1,32,,ABNICV Lot# 11653
Misc : WG2079414,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 16 11:53:46 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jun 16 11:53:15 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	IS1_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
2	t	n-Nitrosodimethylamine	0.546	0.489	10.4	80	0.00
3	t	Pyridine	0.975	0.892	8.5	84	0.00
4	S	2-Fluorophenol	0.985	0.879	10.8	80	0.00
5	T	Aniline	1.622	1.388	14.4	79	0.00
6	t	2-Chlorophenol	1.264	1.143	9.6	84	0.00
7	S	Phenol-d6	1.265	1.104	12.7	81	0.00
8	T	Phenol	1.411	1.189	15.7	79	0.00
9	T	Bis(2-chloroethyl)ether	0.911	0.769	15.6	79	0.00
10	T	1,3-Dichlorobenzene	1.548	1.416	8.5	88	0.00
11	T	1,4-Dichlorobenzene	1.574	1.394	11.4	84	0.00
12	T	1,2-Dichlorobenzene	1.517	1.363	10.2	86	0.00
13	t	Benzyl alcohol	0.892	0.734	17.7	73	0.00
14	T	Bis(2-chloroisopropyl)ether	1.331	1.119	15.9	79	0.00
15	T	2-Methylphenol	1.052	0.938	10.8	82	0.00
16	T	Hexachloroethane	0.495	0.444	10.3	84	0.00
17	T	n-Nitrosodi-n-propylamine	0.777	0.643	17.2	78	0.00
18	T	3-Methylphenol/4-Methylphen	1.120	0.995	11.2	81	0.00
19	S	Nitrobenzene-d5	1.104	0.933	15.5	76	0.00
20	T	Nitrobenzene	1.089	0.904	17.0	76	0.00
21	T	Isophorone	2.147	1.791	16.6	80	0.00
22	T	2-Nitrophenol	0.624	0.569	8.8	79	0.00
23	T	2,4-Dimethylphenol	1.254	1.065	15.1	78	0.00
24	T	Bis(2-chloroethoxy)methane	1.330	1.117	16.0	79	0.00
25	T	2,4-Dichlorophenol	1.424	1.316	7.6	85	0.00
26	T	1,2,4-Trichlorobenzene	1.727	1.628	5.7	90	0.00
35	I	IS1_Naphthalene-d8	1.000	1.000	0.0	91	0.00
36	T	Naphthalene	1.063	0.921	13.4	83	0.00
37	T	Benzoic Acid	* 50.000	37.040	25.9	65	0.00
38	T	4-Chloroaniline	0.108	0.089	17.6	75	0.00
39	T	Hexachlorobutadiene	0.298	0.267	10.4	88	0.00
40	T	p-Chloro-m-cresol	0.294	0.251	14.6	79	0.00
41	T	2-Methylnaphthalene	0.719	0.671	6.7	91	0.00
42	T	1-Methylnaphthalene	0.227	0.191	15.9	79	0.00
43	T	Hexachlorocyclopentadiene	0.323	0.331	-2.5	92	0.00
44	T	2,4,6-Trichlorophenol	0.342	0.305	10.8	81	0.00
45	T	2,4,5-Trichlorophenol	0.371	0.337	9.2	91	0.00
46	S	2-Fluorobiphenyl	1.105	1.003	9.2	87	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNICVa.D
Acq On : 15 Jun 2025 6:59 pm
Operator : Juliet:slr
Sample : CQICV1,32,,ABNICV Lot# 11653
Misc : WG2079414,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 16 11:53:46 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jun 16 11:53:15 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
47	T	2-Chloronaphthalene		0.883	0.792	10.3	87	0.00
48	T	2-Nitroaniline		0.223	0.218	2.2	83	0.00
49	T	1,4-Dinitrobenzene		0.104	0.103	1.0	82	0.00
50	T	1,3-Dinitrobenzene		0.124	0.125	-0.8	84	0.00
51	T	Dimethyl phthalate		1.098	0.972	11.5	85	0.00
52	T	Acenaphthylene		1.459	1.307	10.4	84	0.00
53	T	2,6-Dinitrotoluene		0.200	0.193	3.5	84	0.00
54	T	1,2-Dinitrobenzene		0.080	0.079	1.3	83	0.00
63	I	IS1_Acenaphthene-d10		1.000	1.000	0.0	89	0.00
64	T	3-Nitroaniline		0.302	0.289	4.3	83	0.00
65	T	Acenaphthene		1.179	1.046	11.3	83	0.00
66	T	2,4-Dinitrophenol	*	50.000	41.484	17.0	78	0.00
67	T	Dibenzofuran		1.987	1.765	11.2	86	0.00
68	T	2,4-Dinitrotoluene		0.393	0.388	1.3	83	0.00
69	T	4-Nitrophenol		0.189	0.157	16.9	74	0.00
70	T	2,3,5,6-Tetrachlorophenol		0.472	0.460	2.5	89	0.00
71	T	2,3,4,6-Tetrachlorophenol		0.484	0.459	5.2	88	0.00
72	T	Diethyl phthalate		1.464	1.293	11.7	86	0.00
73	T	Fluorene		1.571	1.396	11.1	85	0.00
74	T	4-Chlorophenyl phenyl ether		0.853	0.767	10.1	86	0.00
75	T	4-Nitroaniline		0.317	0.293	7.6	81	0.00
76	T	4,6-Dinitro-o-cresol	*	50.000	43.867	12.3	81	0.00
77	T	NDPA/DPA		1.356	1.208	10.9	86	0.00
78	T	Azobenzene		1.000	0.816	18.4	76	0.00
79	S	2,4,6-Tribromophenol		0.254	0.263	-3.5	97	0.00
80	T	4-Bromophenyl phenyl ether		0.539	0.501	7.1	92	0.00
81	T	Hexachlorobenzene		0.597	0.571	4.4	97	0.00
82	T	Pentachlorophenol		0.354	0.379	-7.1	91	0.00
88	I	IS1_Phenanthrene-d10		1.000	1.000	0.0	89	0.00
89	T	Phenanthrene		1.151	1.022	11.2	85	0.00
90	T	Anthracene		1.169	1.024	12.4	83	0.00
91	T	Carbazole		1.100	0.967	12.1	86	0.00
92	T	Di-n-butylphthalate		1.153	1.024	11.2	83	0.00
93	T	Fluoranthene		1.561	1.373	12.0	84	0.00
94	T	Benzidine		0.982	0.993	-1.1	94	0.00
95	T	Pyrene		1.633	1.448	11.3	84	0.00
96	S	4-Terphenyl-d14		1.213	1.083	10.7	86	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNICVa.D
Acq On : 15 Jun 2025 6:59 pm
Operator : Juliet:slr
Sample : CQICV1,32,,ABNICV Lot# 11653
Misc : WG2079414,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 16 11:53:46 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jun 16 11:53:15 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 30% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
97	T	Butyl benzyl phthalate	0.523	0.477	8.8	80	0.00
104	I	IS1_Chrysene-d12	1.000	1.000	0.0	86	0.01
105	T	Benzo(a)anthracene	1.536	1.345	12.4	81	0.00
106	T	3,3'-Dichlorobenzidine	0.566	0.544	3.9	86	0.00
107	T	Chrysene	1.370	1.248	8.9	85	0.00
108	T	Bis(2-ethylhexyl)phthalate	0.661	0.628	5.0	79	0.00
109	T	Di-n-octylphthalate	1.154	1.083	6.2	76	0.00
110	T	Benzo(b)fluoranthene	1.488	1.366	8.2	83	0.00
111	T	Benzo(k)fluoranthene	1.444	1.343	7.0	86	0.00
112	T	Benzo(a)pyrene	1.396	1.339	4.1	85	0.00
113	I	IS1_Perylene-d12	1.000	1.000	0.0	89	0.01
114	T	Indeno(1,2,3-cd)pyrene	1.283	1.191	7.2	86	0.01
115	T	Dibenzo(a,h)anthracene	1.220	1.114	8.7	85	0.00
116	T	Benzo(ghi)perylene	1.239	1.143	7.7	86	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNICVa.D
Acq On : 15 Jun 2025 6:59 pm
Operator : Juliet:slr
Sample : CQICV1,32,,ABNICV Lot# 11653
Misc : WG2079414,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 16 11:53:46 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jun 16 11:53:15 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	4.293	152	87289	40.000	ug/ml	# 0.00
Standard Area 1 = 97643			Recovery = 89.40%			
35) IS1_Naphthalene-d8	5.393	136	335372	40.000	ug/ml	0.00
Standard Area 1 = 368530			Recovery = 91.00%			
63) IS1_Acenaphthene-d10	6.928	164	230659	40.000	ug/ml	0.00
Standard Area 1 = 259733			Recovery = 88.81%			
88) IS1_Phenanthrene-d10	8.228	188	508228	40.000	ug/ml	# 0.00
Standard Area 1 = 571572			Recovery = 88.92%			
104) IS1_Chrysene-d12	11.110	240	573679	40.000	ug/ml	# 0.01
Standard Area 1 = 663666			Recovery = 86.44%			
113) IS1_Perylene-d12	13.451	264	662705	40.000	ug/ml	0.01
Standard Area 1 = 740716			Recovery = 89.47%			
System Monitoring Compounds						
4) 2-Fluorophenol	3.199	112	95887	44.589	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 89.18%			
7) Phenol-d6	3.981	99	120471	43.656	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 87.31%			
19) Nitrobenzene-d5	4.763	82	101767	42.244	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 168.98%#			
46) 2-Fluorobiphenyl	6.345	172	420303	45.359	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 181.44%#			
79) 2,4,6-Tribromophenol	7.622	330	75776	51.802	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 103.60%			
96) 4-Terphenyl-d14	9.751	244	688182	44.670	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 178.68%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	2.175	74	53396	44.778	ug/ml#	80
3) Pyridine	2.210	79	97340	45.751	ug/ml	88
5) Aniline	4.010	93	151393	42.778	ug/ml#	90
6) 2-Chlorophenol	4.110	128	124762	45.228	ug/ml#	91
8) Phenol	3.993	94	129733	42.139	ug/ml#	89
9) Bis(2-chloroethyl)ether	4.063	93	83943	42.219	ug/ml	91
10) 1,3-Dichlorobenzene	4.246	146	154500	45.741	ug/ml	95
11) 1,4-Dichlorobenzene	4.304	146	152149	44.306	ug/ml	96
12) 1,2-Dichlorobenzene	4.434	146	148730	44.925	ug/ml	95
13) Benzyl alcohol	4.410	79	80141	41.181	ug/ml	95
14) Bis(2-chloroisopropyl)...	4.540	45	122145	42.065	ug/ml#	70

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNICVa.D
Acq On : 15 Jun 2025 6:59 pm
Operator : Juliet:slr
Sample : CQICV1,32,,ABNICV Lot# 11653
Misc : WG2079414,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 16 11:53:46 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jun 16 11:53:15 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	4.510	108	102390	44.610	ug/ml	98
16) Hexachloroethane	4.728	117	48494	44.934	ug/ml#	41
17) n-Nitrosodi-n-propylamine	4.646	70	70140	41.359	ug/ml	95
18) 3-Methylphenol/4-Methy...	4.646	108	108541	44.396	ug/ml	98
20) Nitrobenzene	4.781	77	98654	41.503	ug/ml	95
21) Isophorone	4.993	82	195387	41.707	ug/ml	94
22) 2-Nitrophenol	5.063	139	62045	45.548	ug/ml	91
23) 2,4-Dimethylphenol	5.110	107	116184	42.442	ug/ml	95
24) Bis(2-chloroethoxy)met...	5.187	93	121837	41.988	ug/ml#	98
25) 2,4-Dichlorophenol	5.269	162	143631	46.209	ug/ml#	92
26) 1,2,4-Trichlorobenzene	5.346	180	177674	47.138	ug/ml#	96
36) Naphthalene	5.410	128	385978	43.296	ug/ml	98
37) Benzoic Acid	5.198	105	64821	37.040	ug/ml	95
38) 4-Chloroaniline	5.457	65	37167	41.088	ug/ml#	67
39) Hexachlorobutadiene	5.534	225	112106	44.834	ug/ml	99
40) p-Chloro-m-cresol	5.893	107	105093	42.583	ug/ml	86
41) 2-Methylnaphthalene	6.016	142	281176	46.619	ug/ml	97
42) 1-Methylnaphthalene	6.104	115	79910	42.002	ug/ml	85
43) Hexachlorocyclopentadiene	6.169	237	138662	51.223	ug/ml	98
44) 2,4,6-Trichlorophenol	6.269	196	127905	44.595	ug/ml	99
45) 2,4,5-Trichlorophenol	6.298	196	141302	45.389	ug/ml	99
47) 2-Chloronaphthalene	6.440	162	332165	44.871	ug/ml#	92
48) 2-Nitroaniline	6.534	138	91271	48.752	ug/ml	85
49) 1,4-Dinitrobenzene	6.645	168	43147	49.524	ug/ml#	67
50) 1,3-Dinitrobenzene	6.716	168	52381	50.472	ug/ml#	67
51) Dimethyl phthalate	6.704	163	407299	44.259	ug/ml	99
52) Acenaphthylene	6.804	152	547908	44.792	ug/ml	98
53) 2,6-Dinitrotoluene	6.745	165	80910	48.178	ug/ml#	81
54) 1,2-Dinitrobenzene	6.792	168	33168	49.346	ug/ml#	76
64) 3-Nitroaniline	6.892	138	83416	47.911	ug/ml	87
65) Acenaphthene	6.957	154	301517	44.357	ug/ml	95
66) 2,4-Dinitrophenol	6.981	184	35994	41.484	ug/ml#	77
67) Dibenzofuran	7.110	168	508990	44.415	ug/ml#	64
68) 2,4-Dinitrotoluene	7.098	165	111990	49.384	ug/ml#	71
69) 4-Nitrophenol	7.045	65	45207	41.416	ug/ml#	23
70) 2,3,5,6-Tetrachlorophenol	7.181	232	132762	48.818	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	7.222	232	132484	47.428	ug/ml	100
72) Diethyl phthalate	7.328	149	372945	44.173	ug/ml	96
73) Fluorene	7.410	166	402503	44.431	ug/ml	99
74) 4-Chlorophenyl phenyl ...	7.416	204	221072	44.925	ug/ml#	83

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNICVa.D
Acq On : 15 Jun 2025 6:59 pm
Operator : Juliet:slr
Sample : CQICV1,32,,ABNICV Lot# 11653
Misc : WG2079414,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 16 11:53:46 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jun 16 11:53:15 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\250614ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
75)	4-Nitroaniline	7.428	138	84563	46.274	ug/ml	#	83
76)	4,6-Dinitro-o-cresol	7.457	198	56745	43.867	ug/ml	#	73
77)	NDPA/DPA	7.516	169	348310	44.535	ug/ml		99
78)	Azobenzene	7.551	77	235373	40.800	ug/ml	#	84
80)	4-Bromophenyl phenyl e...	7.839	248	144506	46.535	ug/ml	#	90
81)	Hexachlorobenzene	7.898	284	164632	47.791	ug/ml	#	92
82)	Pentachlorophenol	8.069	266	109350	53.512	ug/ml		99
89)	Phenanthrene	8.245	178	649432	44.413	ug/ml		97
90)	Anthracene	8.292	178	650341	43.788	ug/ml		98
91)	Carbazole	8.434	167	614174	43.942	ug/ml		97
92)	Di-n-butylphthalate	8.757	149	650247	44.388	ug/ml		97
93)	Fluoranthene	9.334	202	872310	43.971	ug/ml	#	91
94)	Benzidine	9.475	184	631149	50.565	ug/ml	#	95
95)	Pyrene	9.563	202	919625	44.311	ug/ml		97
97)	Butyl benzyl phthalate	10.369	149	303191	45.654	ug/ml	#	84
105)	Benzo(a)anthracene	11.092	228	964807	43.794	ug/ml		98
106)	3,3'-Dichlorobenzidine	11.080	252	389996	48.066	ug/ml	#	97
107)	Chrysene	11.145	228	895171	45.560	ug/ml		97
108)	Bis(2-ethylhexyl)phtha...	11.239	149	450253	47.495	ug/ml	#	96
109)	Di-n-octylphthalate	12.322	149	776955	46.954	ug/ml	#	95
110)	Benzo(b)fluoranthene	12.810	252	979577	45.898	ug/ml	#	95
111)	Benzo(k)fluoranthene	12.857	252	963110	46.521	ug/ml	#	90
112)	Benzo(a)pyrene	13.351	252	959852	47.953	ug/ml	#	92
114)	Indeno(1,2,3-cd)pyrene	15.239	276	986891	46.438	ug/mL	#	89
115)	Dibenzo(a,h)anthracene	15.292	278	922463	45.655	ug/ml	#	93
116)	Benzo(ghi)perylene	15.657	276	947153	46.137	ug/ml	#	88

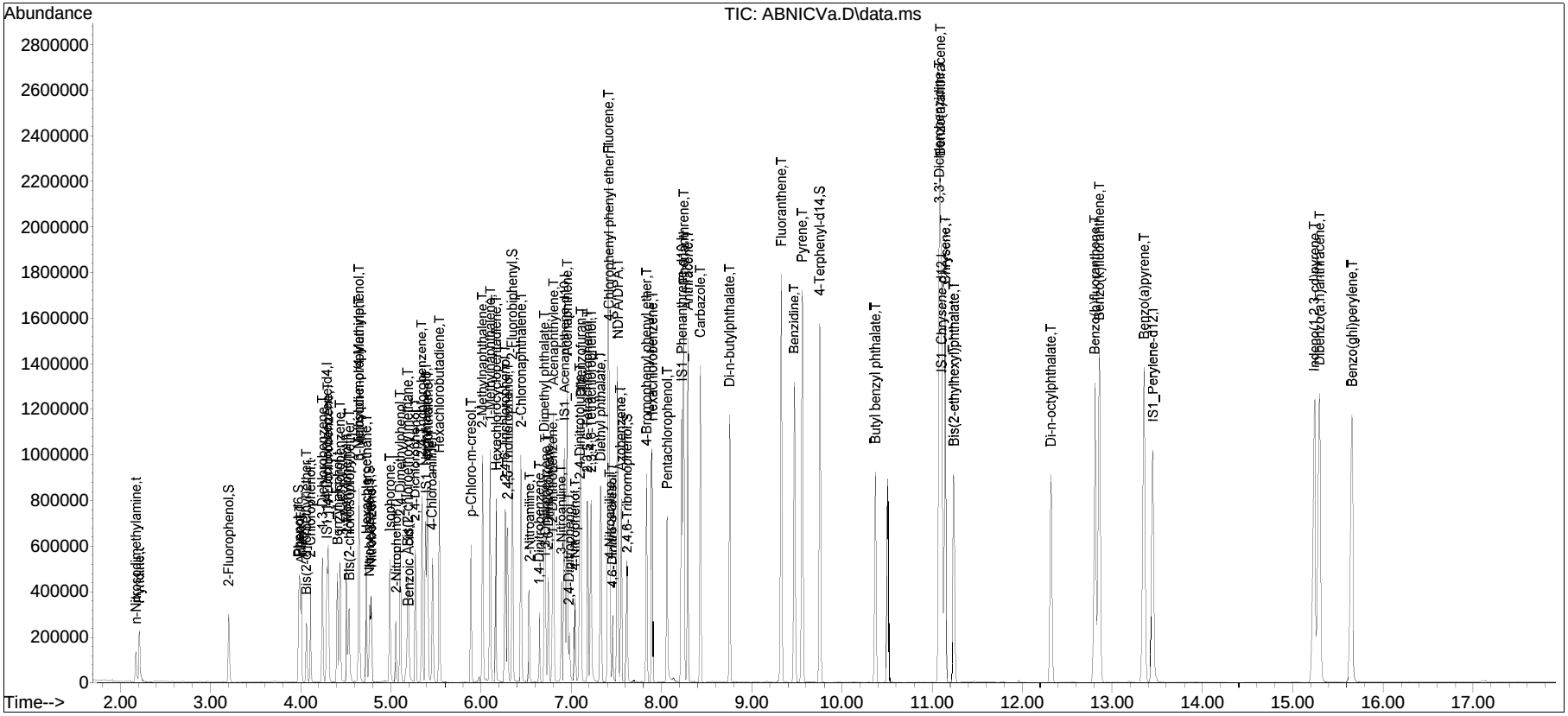
(#) = qualifier out of range (m) = manual integration (+) = signals summed

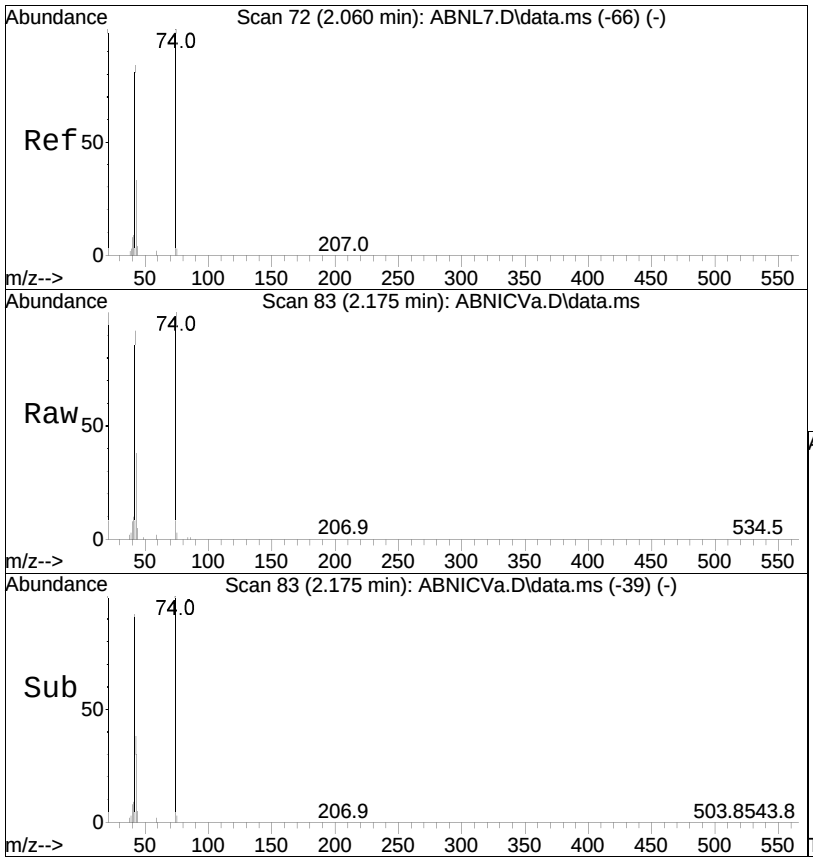
Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\250614ical\
Data File : ABNICVa.D
Acq On : 15 Jun 2025 6:59 pm
Operator : Juliet:slr
Sample : CQICV1,32,,ABNICV Lot# 11653
Misc : WG2079414,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jun 16 11:53:46 2025
Quant Method : I:\8270\Juliet\250614ical\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Jun 16 11:53:15 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublistcal\ABNL7.D•

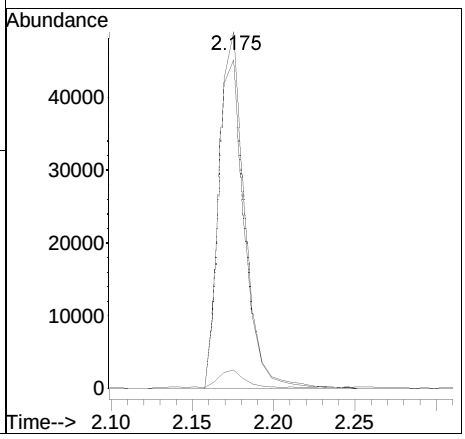


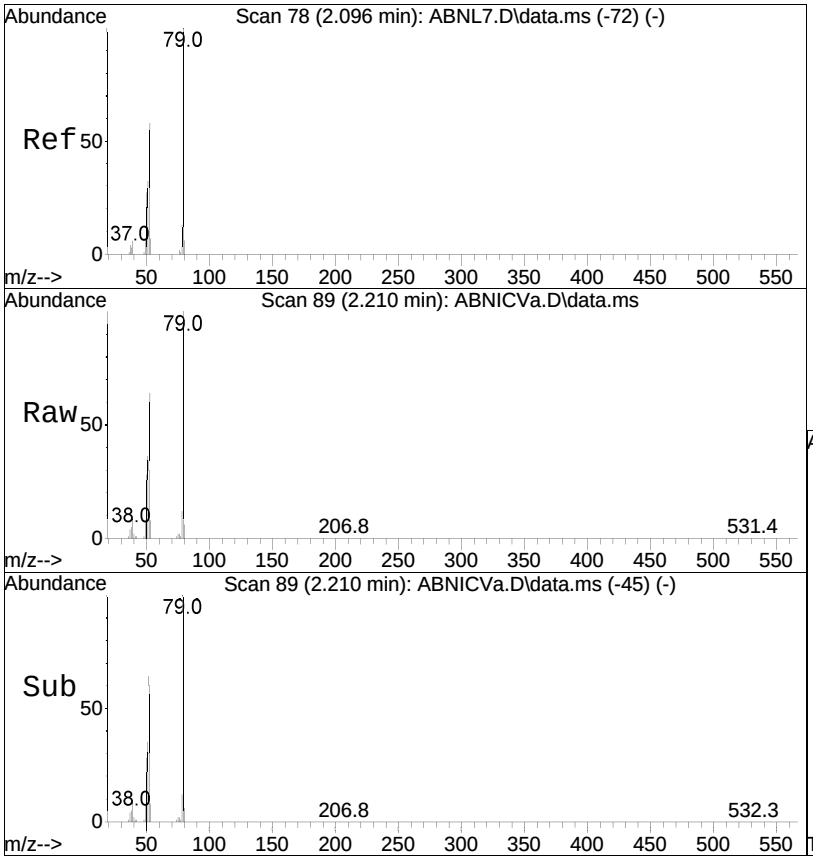


#2
n-Nitrosodimethylamine
Concen: 44.78 ug/ml
RT: 2.175 min Scan# 83
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion: 74 Resp: 53396

Ion	Ratio	Lower	Upper
74	100		
42	93.7	60.1	90.1#
44	5.0	4.6	6.8

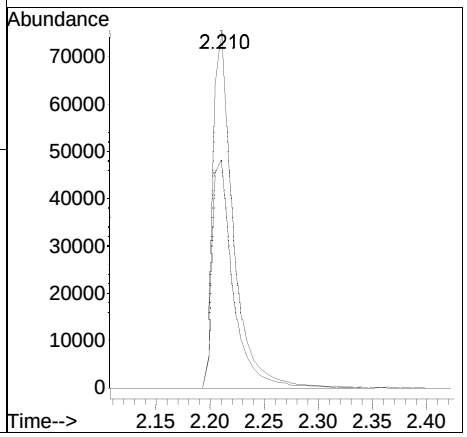


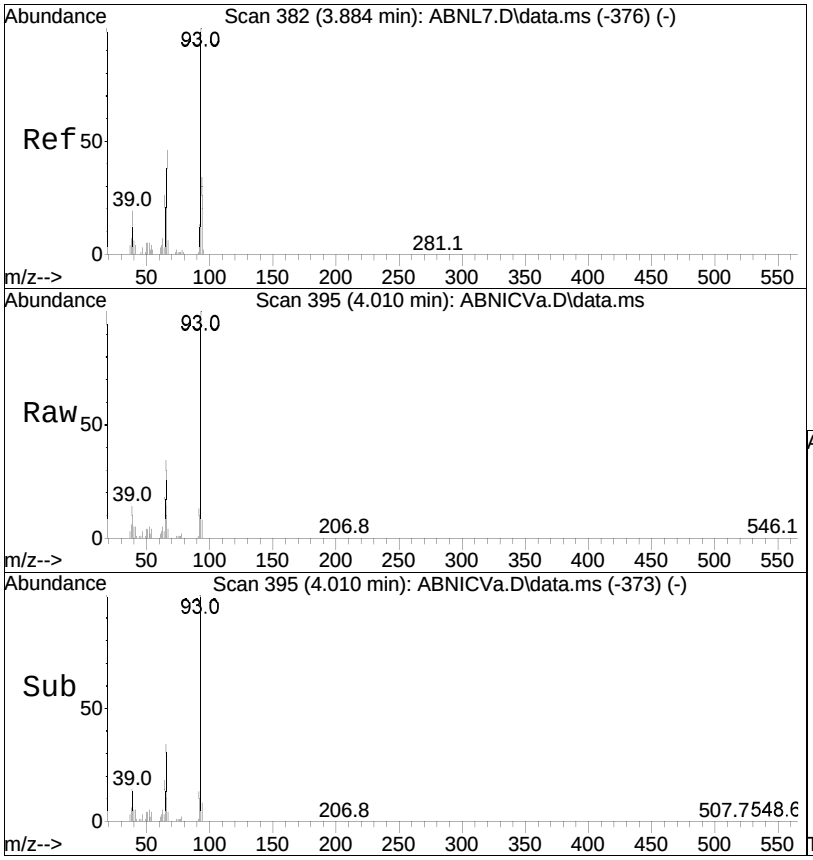


#3
Pyridine
Concen: 45.75 ug/ml
RT: 2.210 min Scan# 89
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion: 79 Resp: 97340

Ion	Ratio	Lower	Upper
79	100		
52	66.0	60.9	91.3

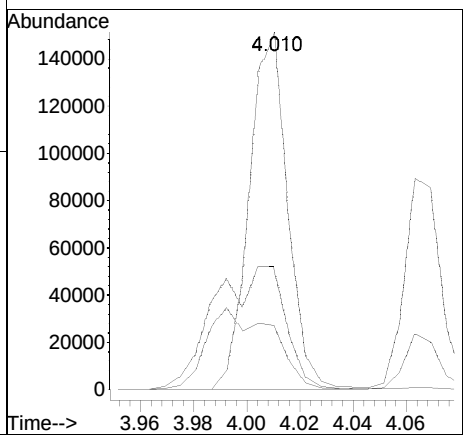


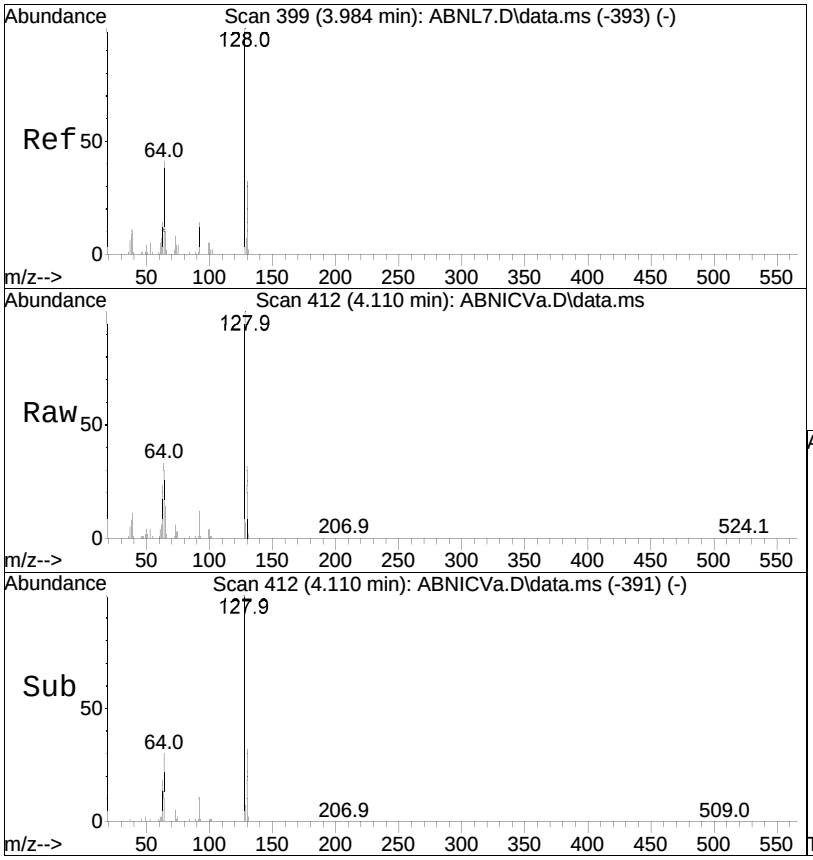


#5
Aniline
Concen: 42.78 ug/ml
RT: 4.010 min Scan# 395
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion: 93 Resp: 151393

Ion	Ratio	Lower	Upper
93	100		
66	64.1	51.5	77.3
65	39.1	16.6	24.8#

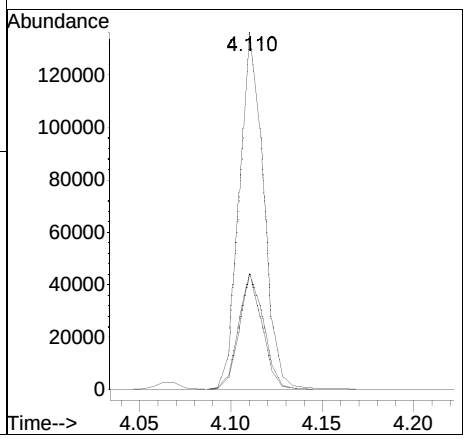


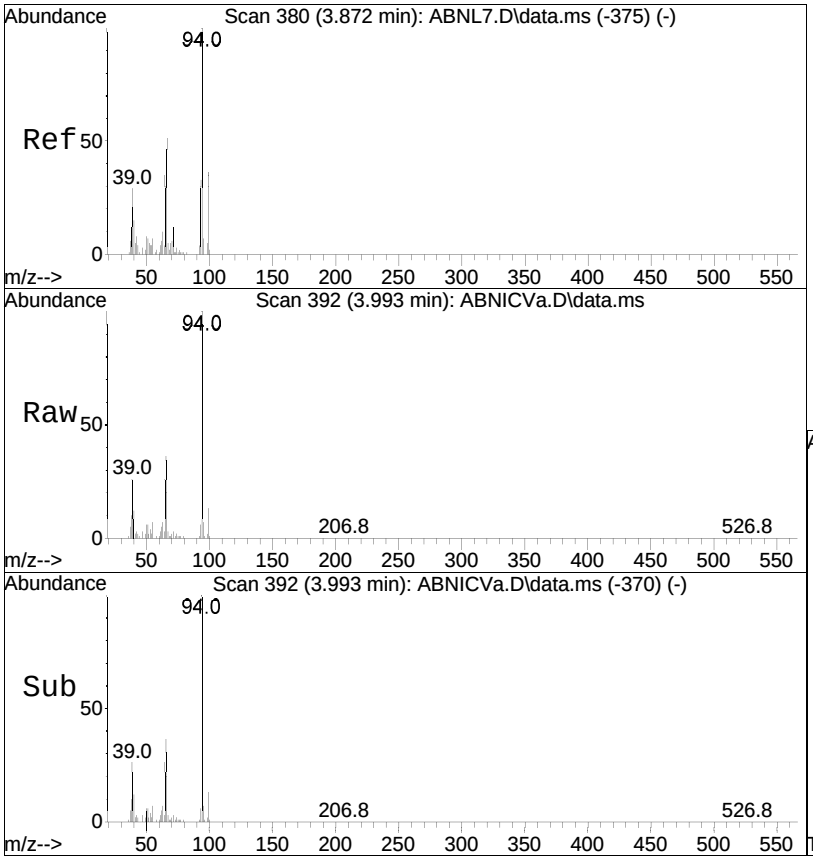


#6
2-Chlorophenol
Concen: 45.23 ug/ml
RT: 4.110 min Scan# 412
Delta R.T. 0.000 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:128 Resp: 124762

Ion	Ratio	Lower	Upper
128	100		
64	31.9	33.4	50.0#
130	32.6	26.2	39.2

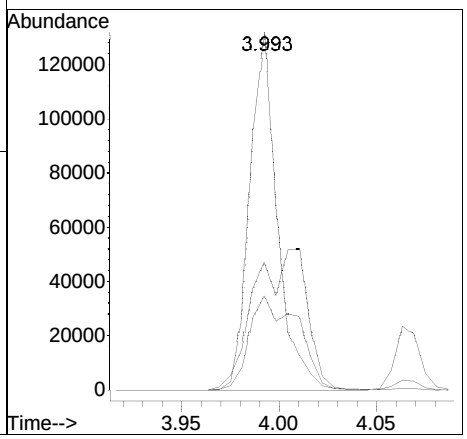


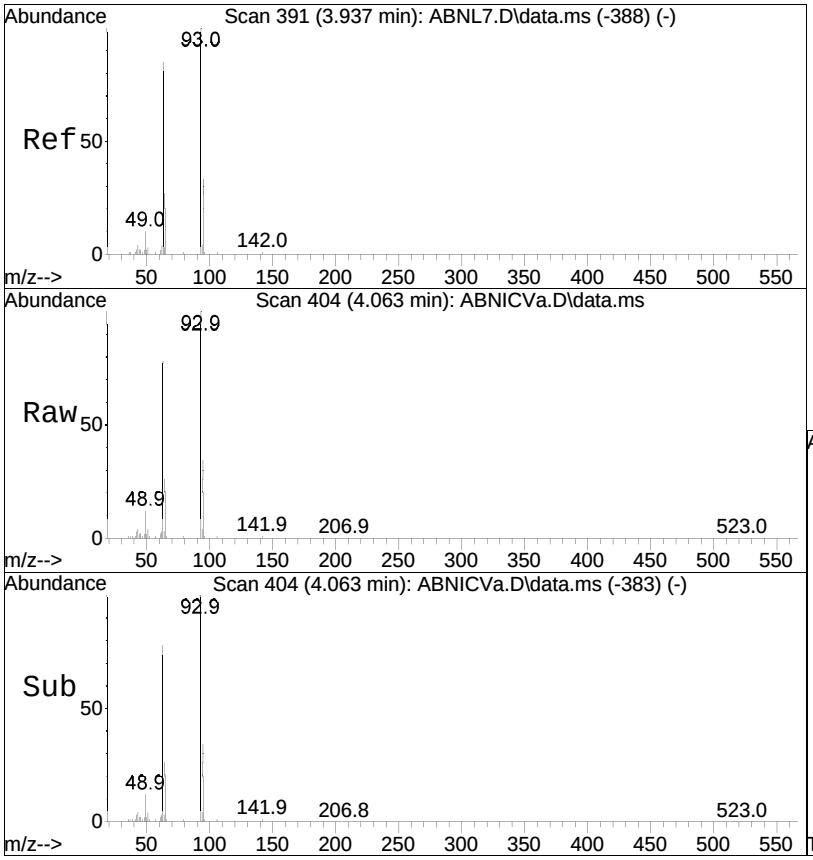


#8
Phenol
Concen: 42.14 ug/ml
RT: 3.993 min Scan# 392
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion: 94 Resp: 129733

Ion	Ratio	Lower	Upper
94	100		
65	45.7	19.4	29.0#
66	74.8	60.4	90.6

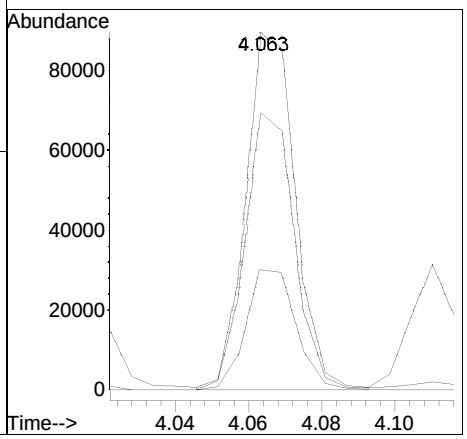


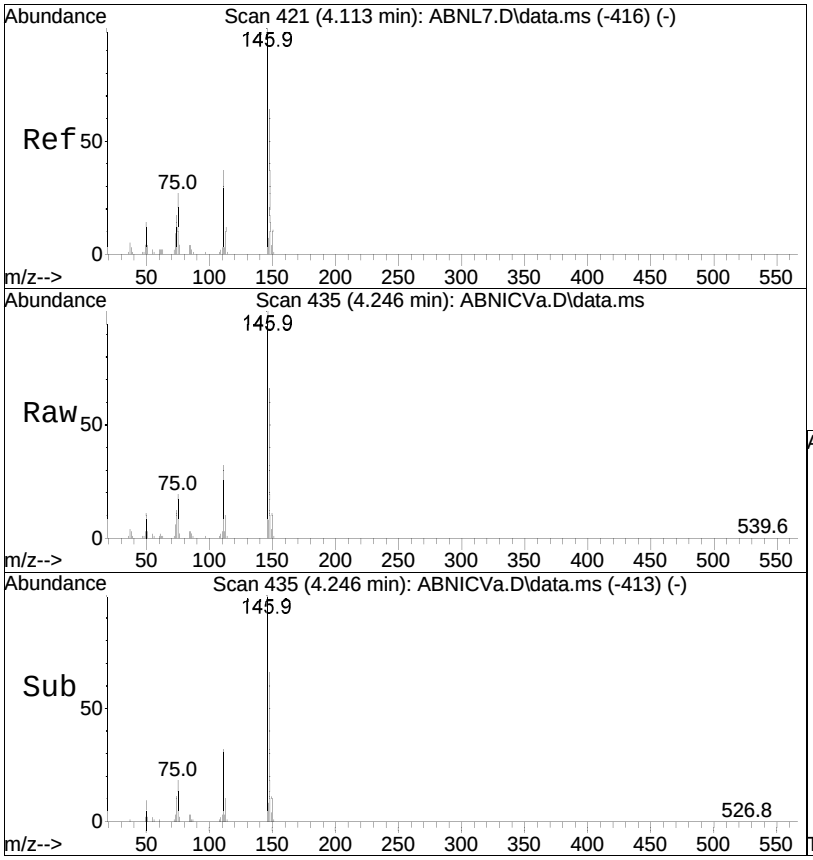


#9
Bis(2-chloroethyl)ether
Concen: 42.22 ug/ml
RT: 4.063 min Scan# 404
Delta R.T. 0.000 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion: 93 Resp: 83943

Ion	Ratio	Lower	Upper
93	100		
63	77.4	70.4	105.6
95	34.1	26.6	39.8

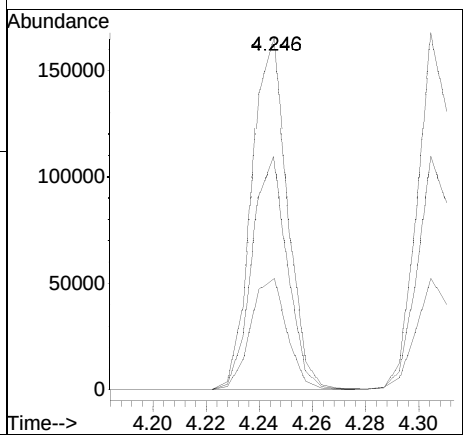


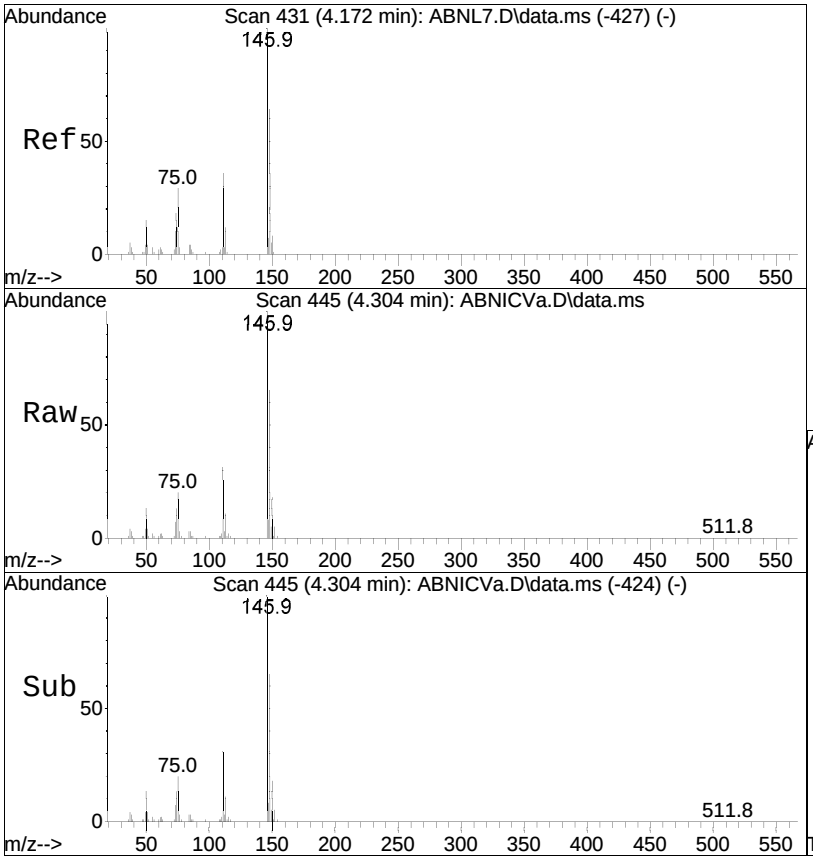


#10
1,3-Dichlorobenzene
Concen: 45.74 ug/ml
RT: 4.246 min Scan# 435
Delta R.T. 0.007 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:146 Resp: 154500

Ion	Ratio	Lower	Upper
146	100		
111	32.3	31.4	47.0
148	65.6	51.8	77.6

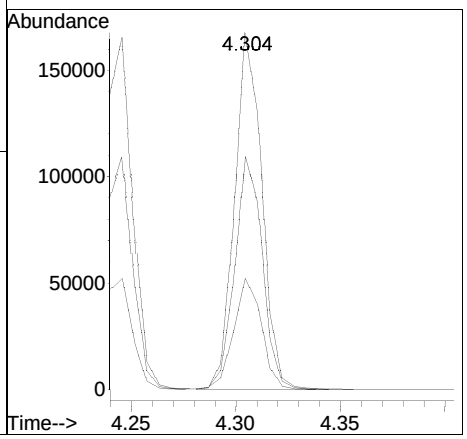


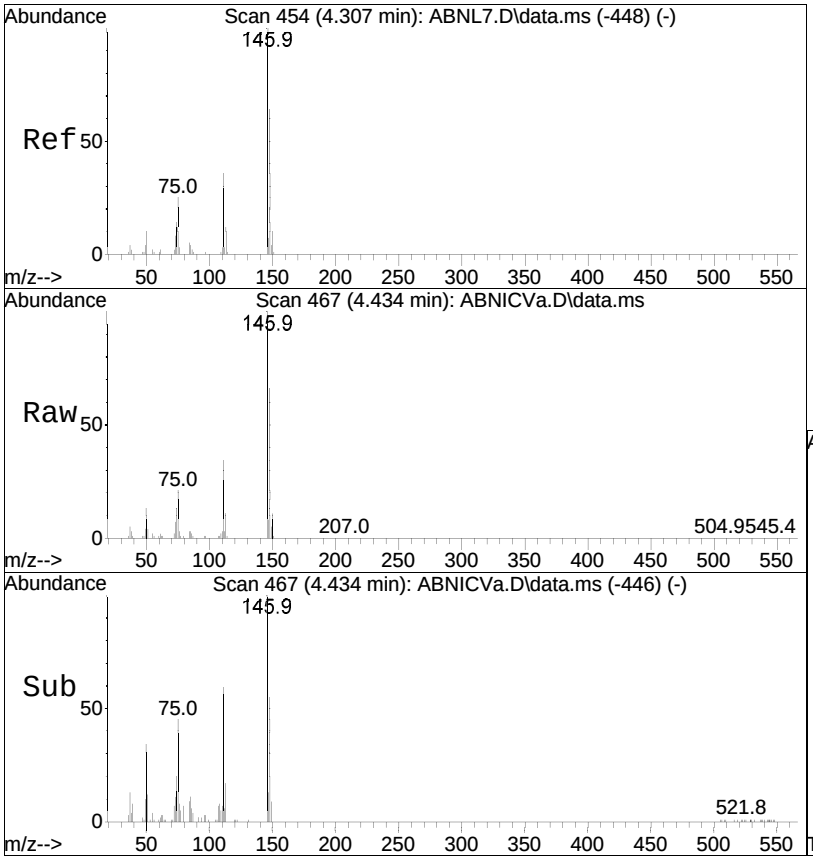


#11
1,4-Dichlorobenzene
Concen: 44.31 ug/ml
RT: 4.304 min Scan# 445
Delta R.T. 0.000 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:146 Resp: 152149

Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.4	78.6
111	32.0	30.6	46.0

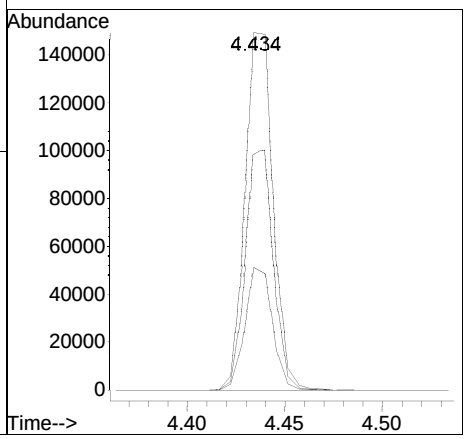


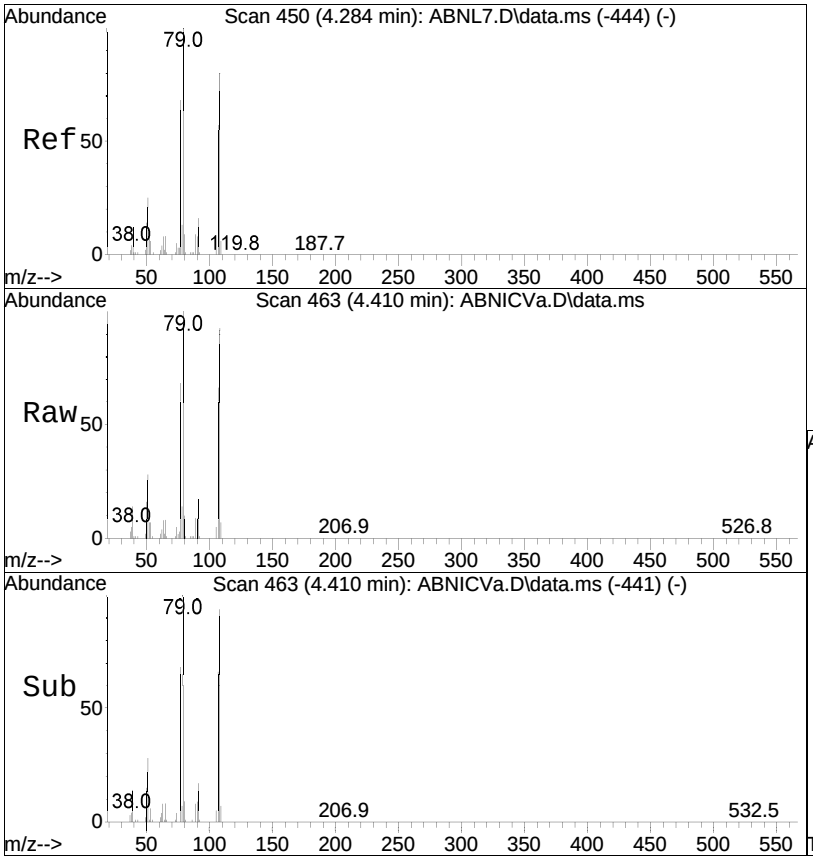


#12
1,2-Dichlorobenzene
Concen: 44.92 ug/ml
RT: 4.434 min Scan# 467
Delta R.T. -0.000 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:146 Resp: 148730

Ion	Ratio	Lower	Upper
146	100		
111	33.6	32.1	48.1
148	66.6	51.9	77.9

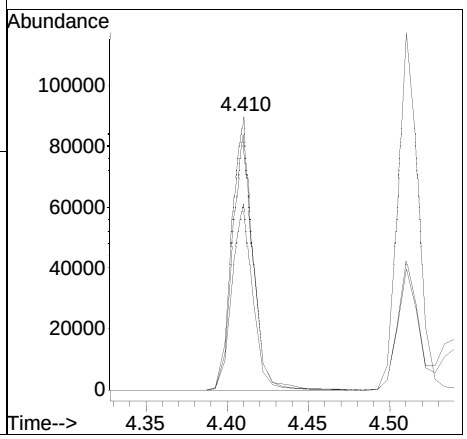


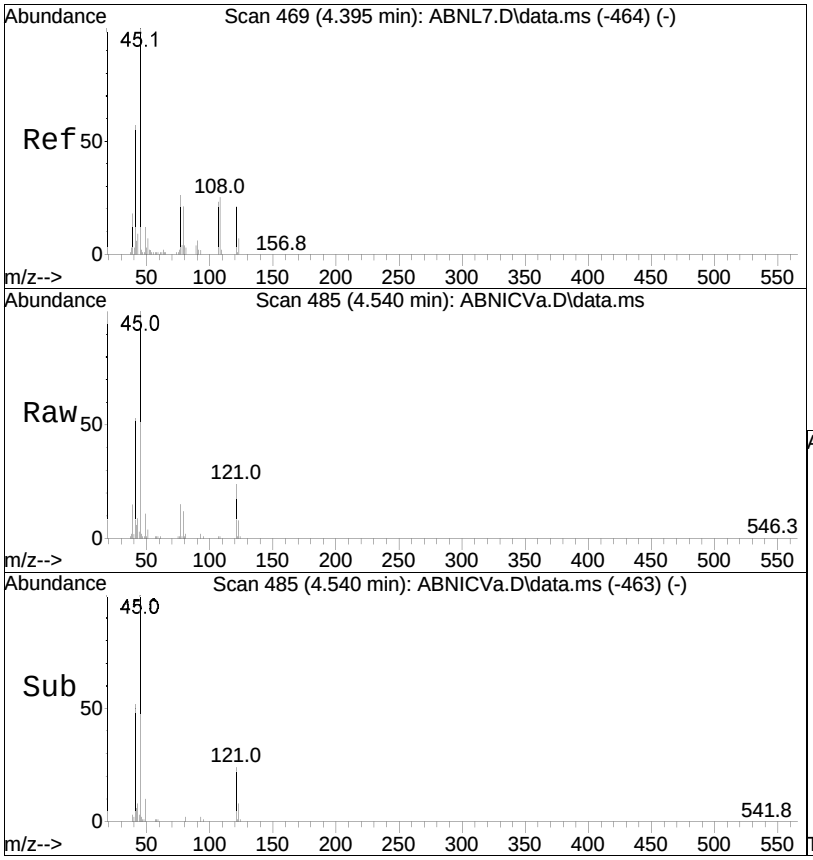


#13
Benzyl alcohol
Concen: 41.18 ug/ml
RT: 4.410 min Scan# 463
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion: 79 Resp: 80141

Ion	Ratio	Lower	Upper
79	100		
77	67.6	50.5	75.7
108	92.1	70.1	105.1

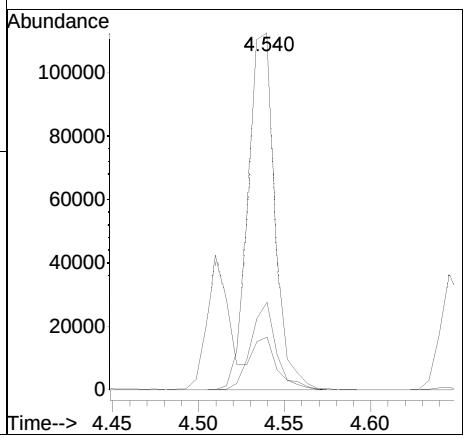


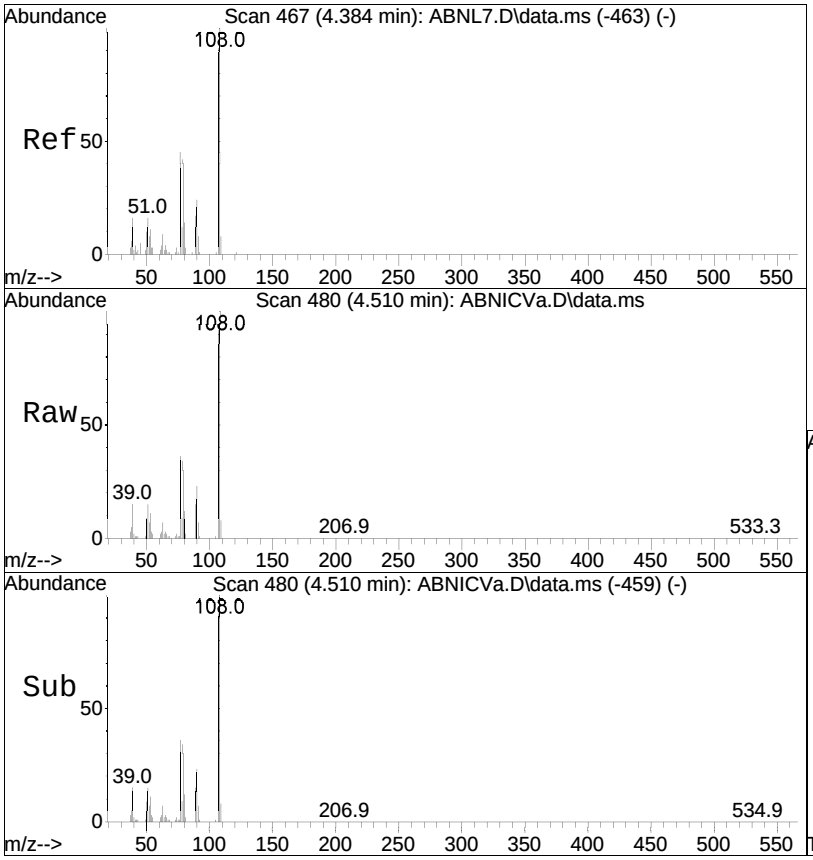


#14
Bis(2-chloroisopropyl)ether
Concen: 42.06 ug/ml
RT: 4.540 min Scan# 485
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion: 45 Resp: 122145

Ion	Ratio	Lower	Upper
45	100		
121	22.6	13.7	20.5#
77	12.9	28.2	42.2#

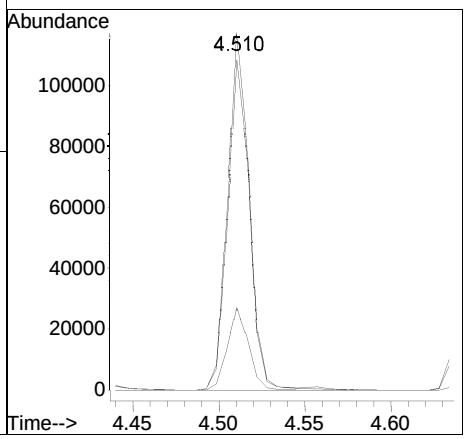


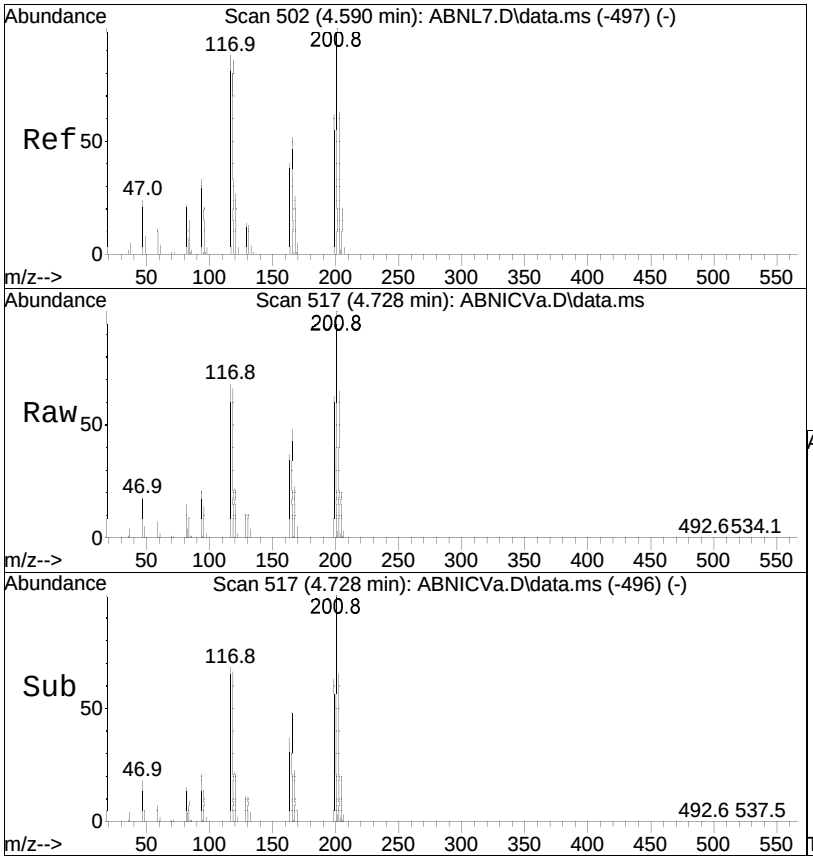


#15
2-Methylphenol
Concen: 44.61 ug/ml
RT: 4.510 min Scan# 480
Delta R.T. 0.000 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:108 Resp: 102390

Ion	Ratio	Lower	Upper
108	100		
107	92.2	72.6	108.8
90	22.3	18.6	27.8

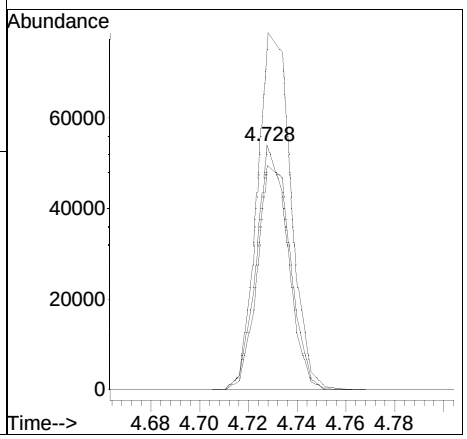


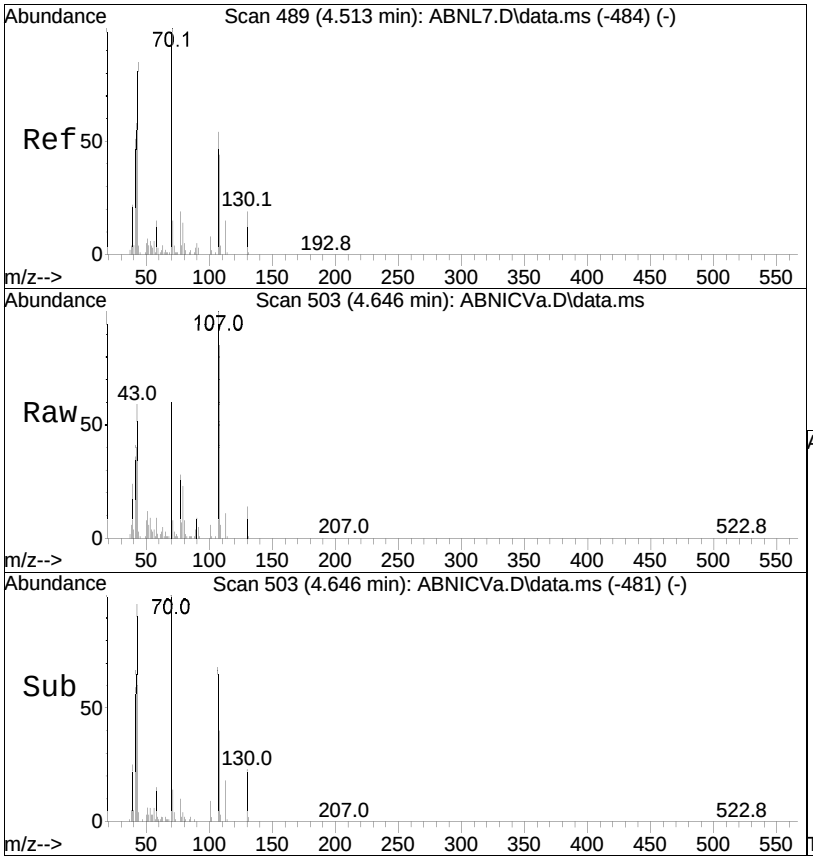


#16
Hexachloroethane
Concen: 44.93 ug/ml
RT: 4.728 min Scan# 517
Delta R.T. -0.000 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:117 Resp: 48494

Ion	Ratio	Lower	Upper
117	100		
201	156.5	75.4	113.0#
199	97.9	48.0	72.0#

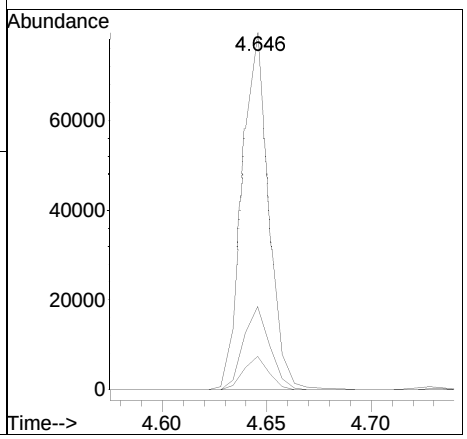


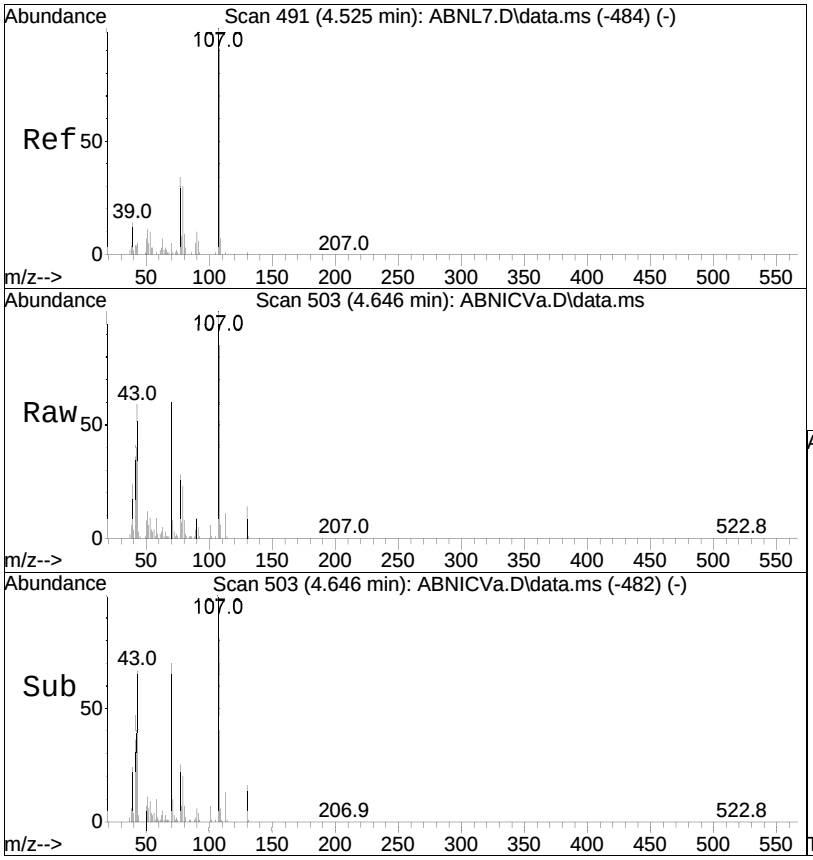


#17
n-Nitrosodi-n-propylamine
Concen: 41.36 ug/ml
RT: 4.646 min Scan# 503
Delta R.T. 0.007 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion: 70 Resp: 70140

Ion	Ratio	Lower	Upper
70	100		
130	22.9	15.7	23.5
101	8.8	6.7	10.1

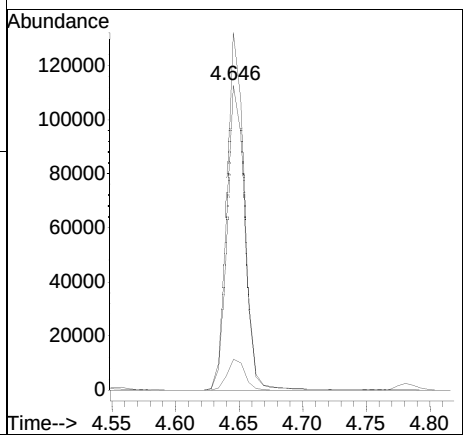


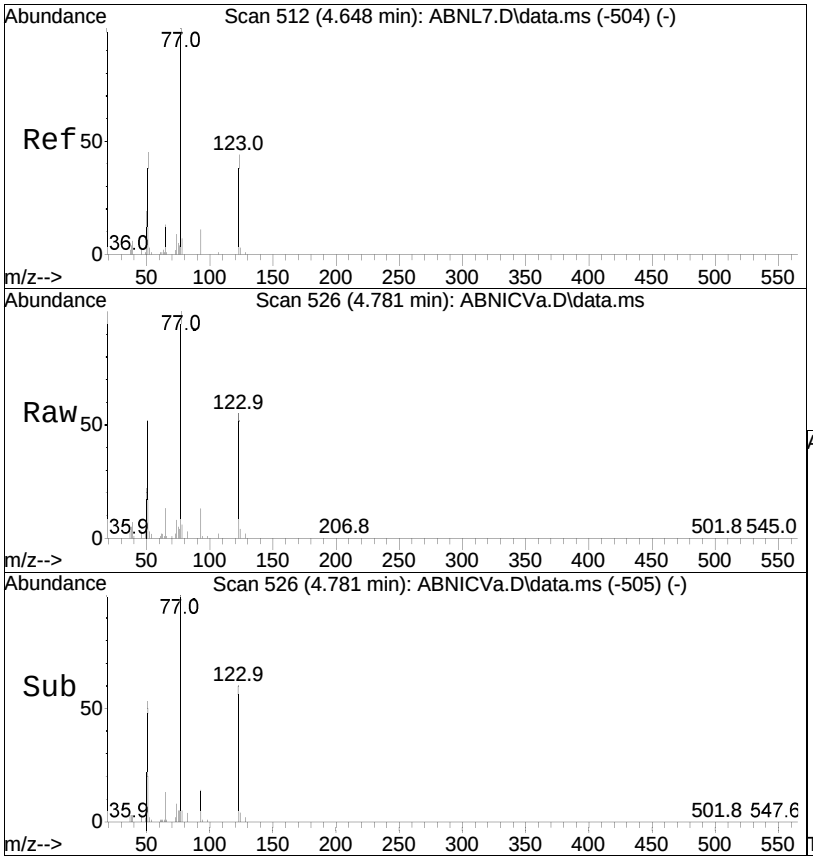


#18
3-Methylphenol/4-Methylphenol
Concen: 44.40 ug/ml
RT: 4.646 min Scan# 503
Delta R.T. 0.001 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:108 Resp: 108541

Ion	Ratio	Lower	Upper
108	100		
107	115.6	90.7	136.1
90	10.0	8.6	13.0

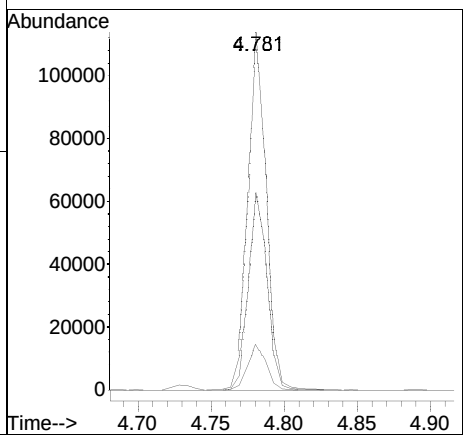


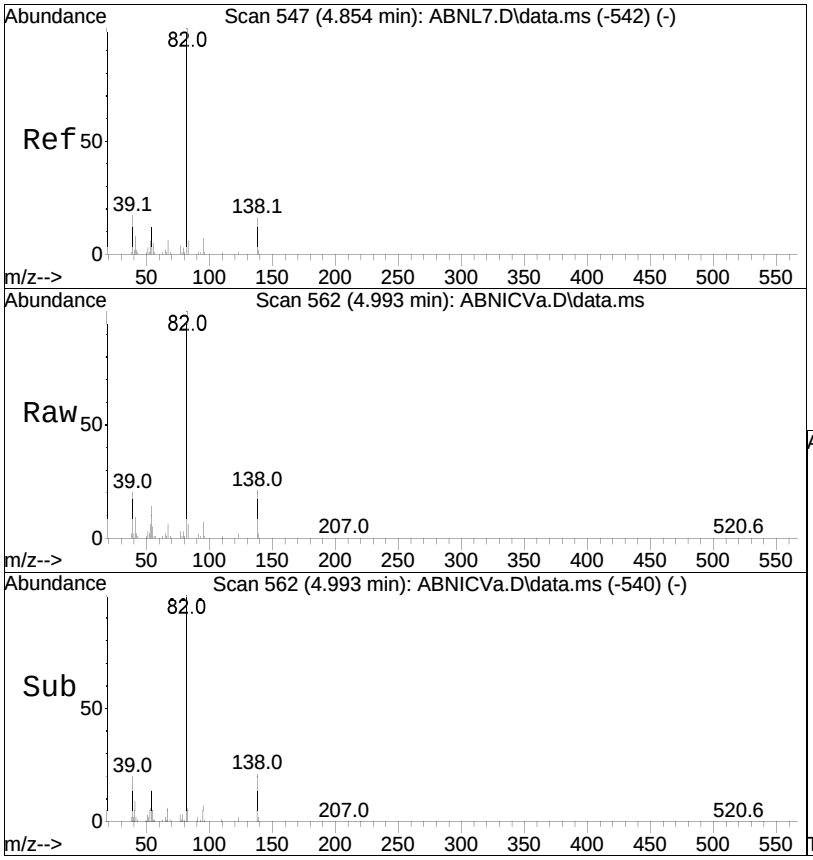


#20
Nitrobenzene
Concen: 41.50 ug/ml
RT: 4.781 min Scan# 526
Delta R.T. -0.000 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion: 77 Resp: 98654

Ion	Ratio	Lower	Upper
77	100		
123	56.1	41.4	62.0
65	13.1	11.0	16.4

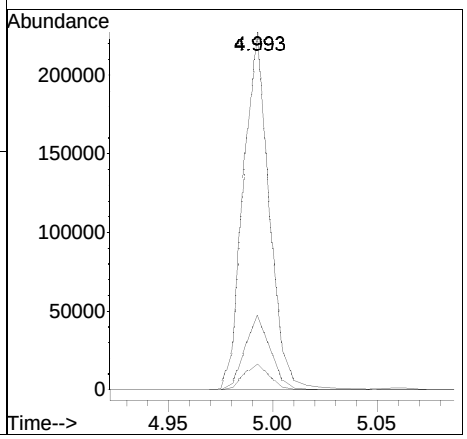


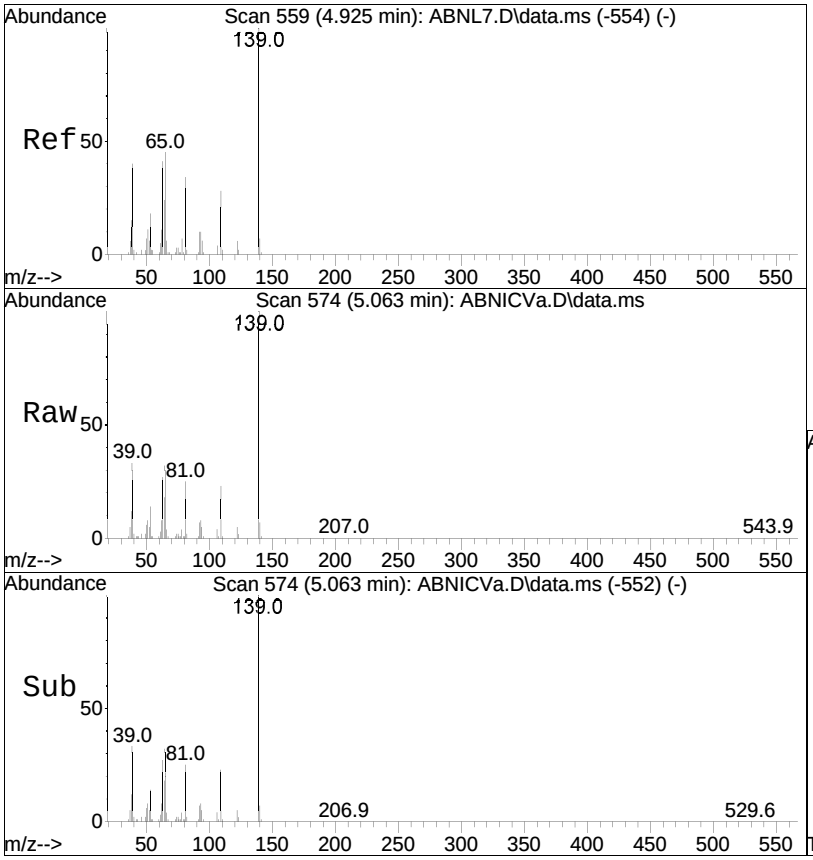


#21
Isophorone
Concen: 41.71 ug/ml
RT: 4.993 min Scan# 562
Delta R.T. 0.007 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion: 82 Resp: 195387

Ion	Ratio	Lower	Upper
82	100		
138	20.7	13.9	20.9
95	7.3	5.3	7.9

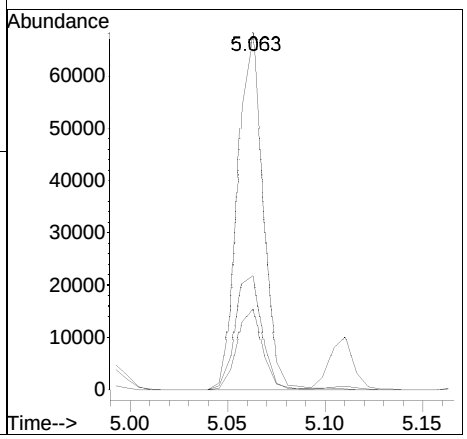


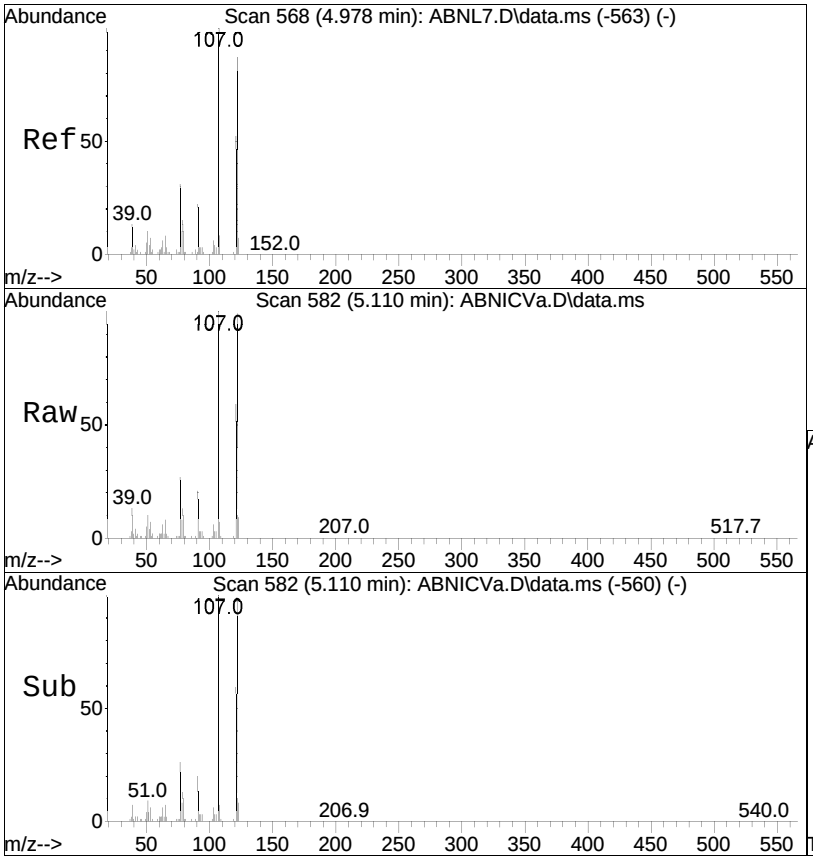


#22
2-Nitrophenol
Concen: 45.55 ug/ml
RT: 5.063 min Scan# 574
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:139 Resp: 62045

Ion	Ratio	Lower	Upper
139	100		
109	23.0	17.5	26.3
65	33.6	33.2	49.8

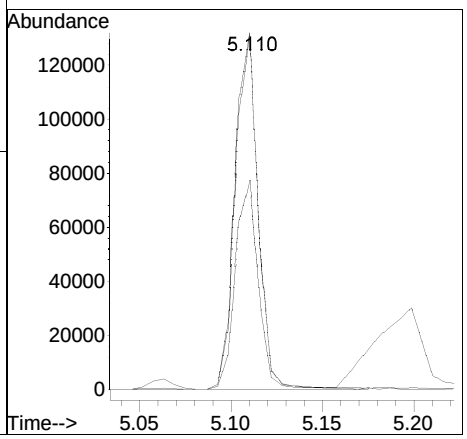


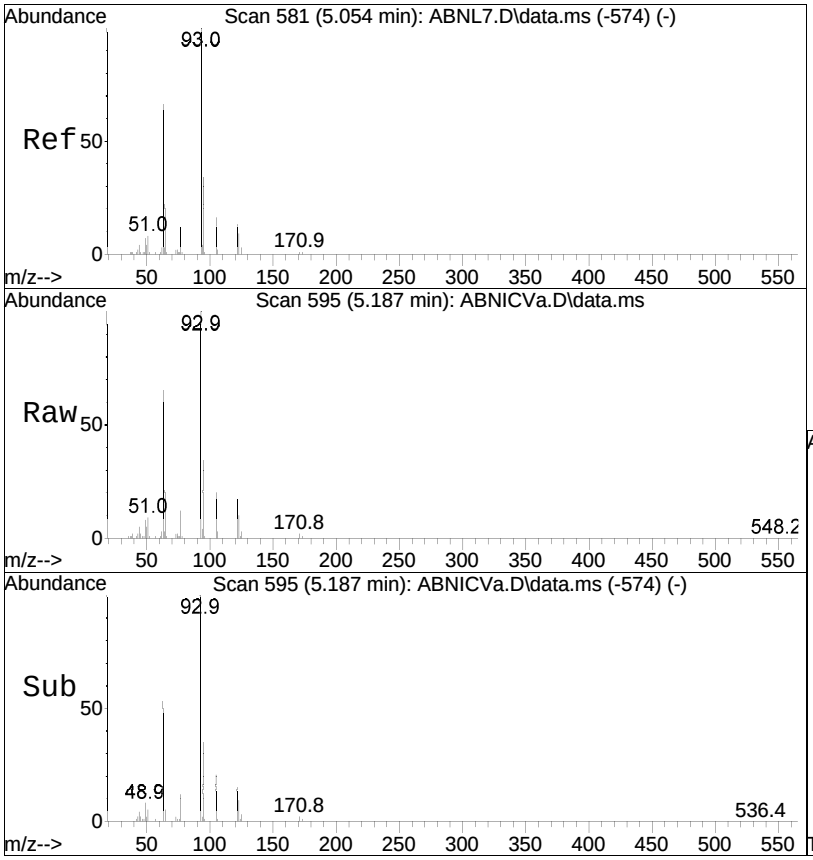


#23
2,4-Dimethylphenol
Concen: 42.44 ug/ml
RT: 5.110 min Scan# 582
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:107 Resp: 116184

Ion	Ratio	Lower	Upper
107	100		
121	58.2	43.4	65.2
122	96.9	73.7	110.5

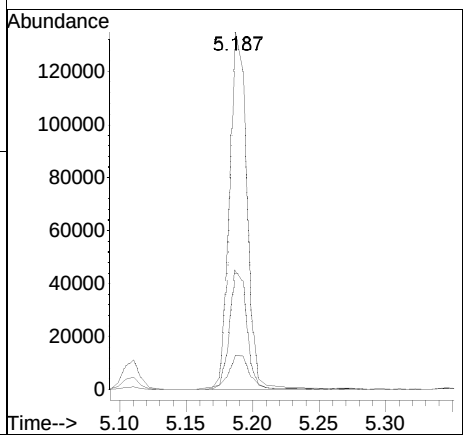


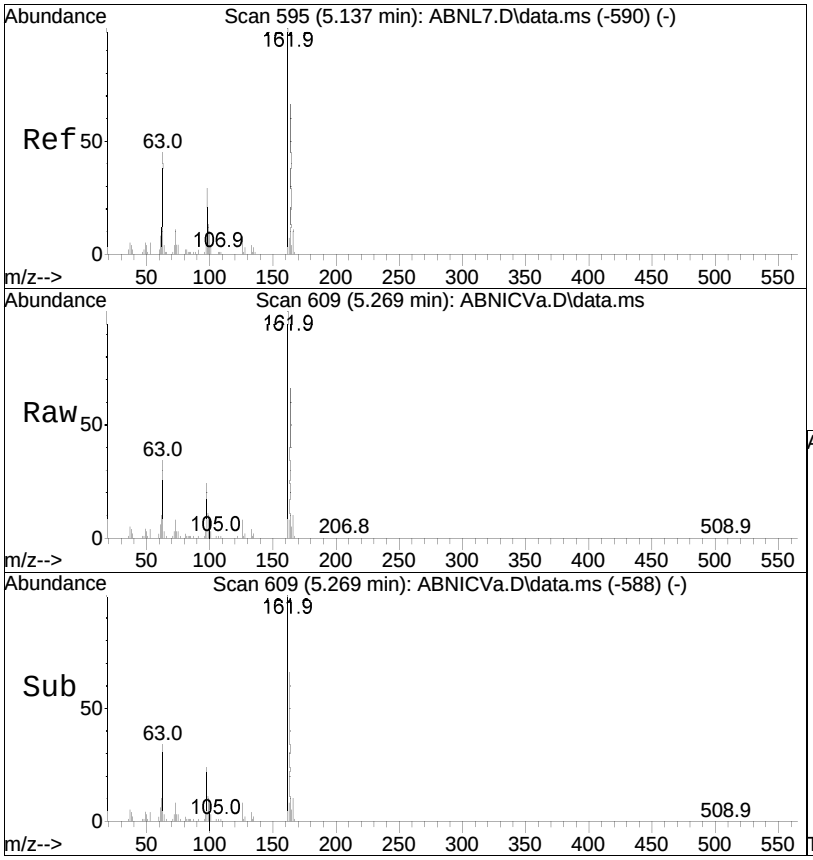


#24
Bis(2-chloroethoxy)methane
Concen: 41.99 ug/ml
RT: 5.187 min Scan# 595
Delta R.T. 0.001 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion: 93 Resp: 121837

Ion	Ratio	Lower	Upper
93	100		
95	33.6	27.2	40.8
123	12.2	7.6	11.4#

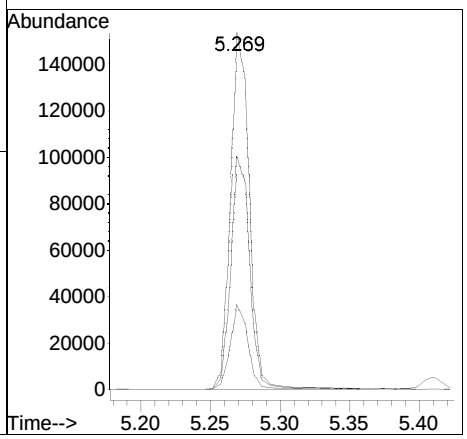


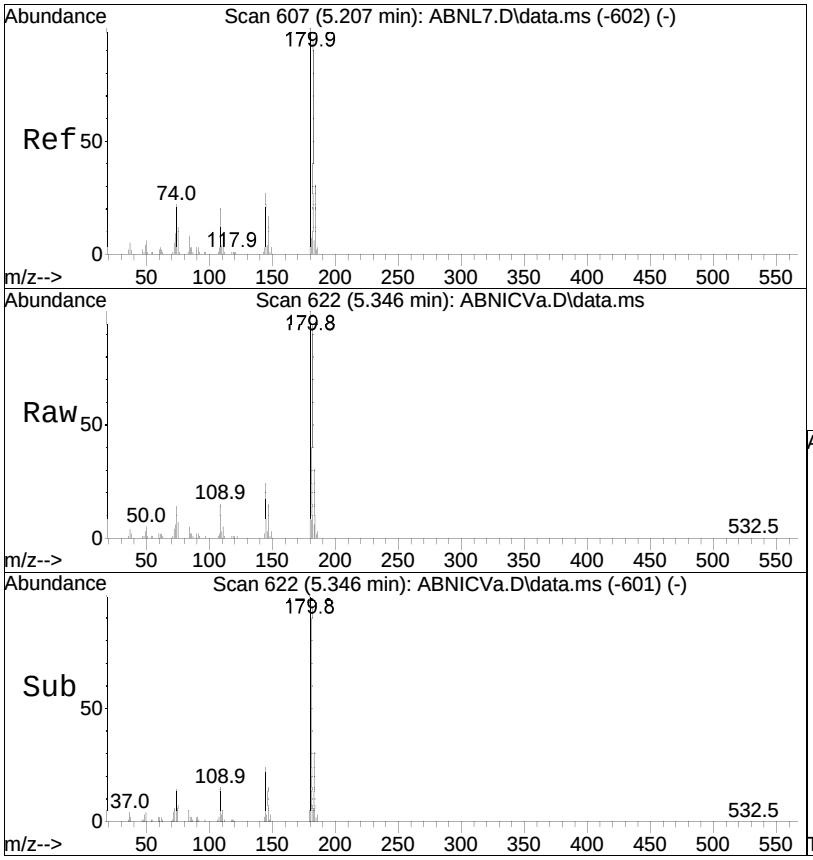


#25
2,4-Dichlorophenol
Concen: 46.21 ug/ml
RT: 5.269 min Scan# 609
Delta R.T. 0.000 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:162 Resp: 143631

Ion	Ratio	Lower	Upper
162	100		
164	65.3	51.5	77.3
98	22.9	27.5	41.3#

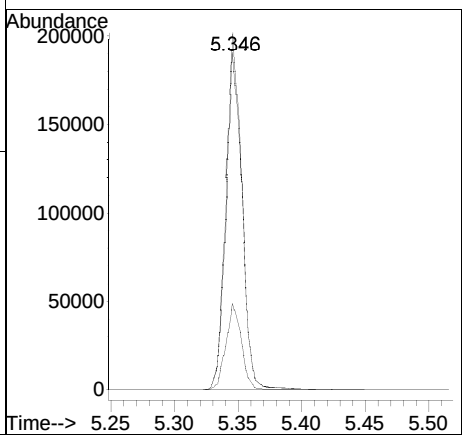


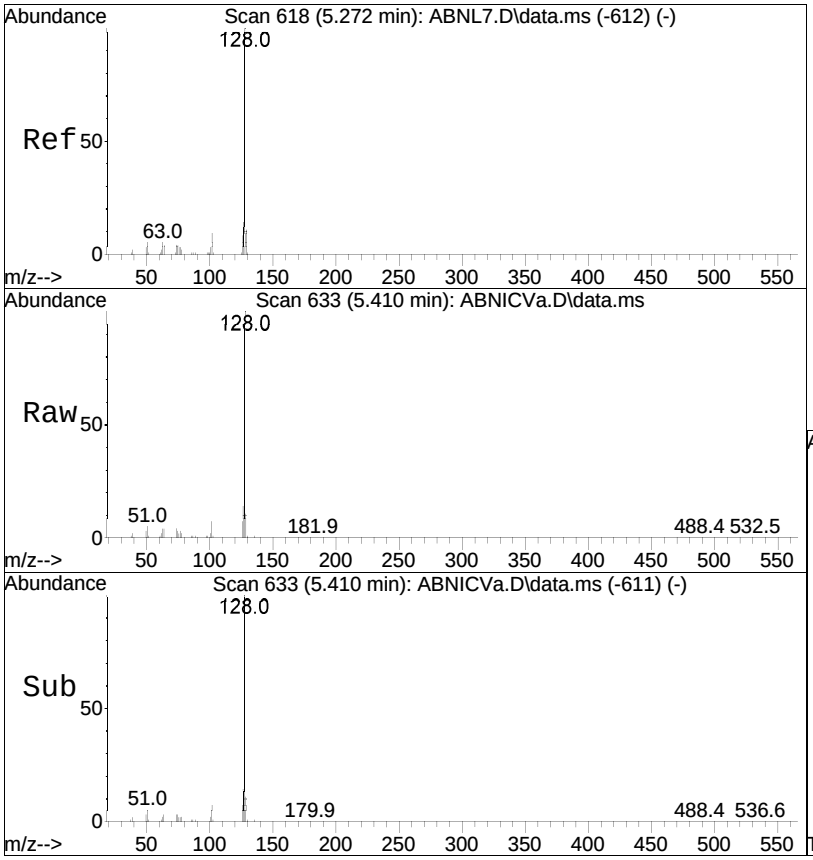


#26
1,2,4-Trichlorobenzene
Concen: 47.14 ug/ml
RT: 5.346 min Scan# 622
Delta R.T. 0.001 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:180 Resp: 177674

Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.0	115.4
145	23.4	24.2	36.4#

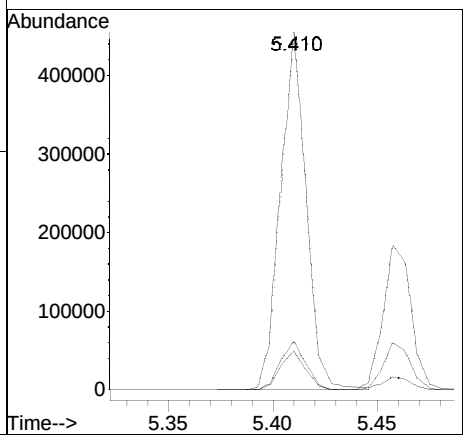


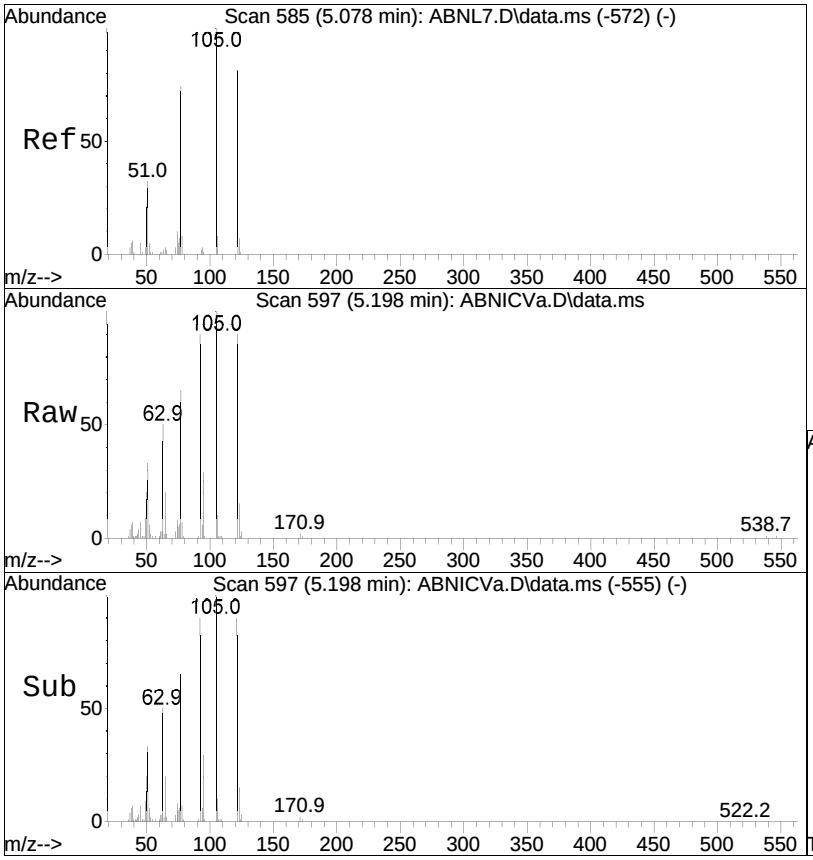


#36
Naphthalene
Concen: 43.30 ug/ml
RT: 5.410 min Scan# 633
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:128 Resp: 385978

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.2
127	13.7	11.6	17.4

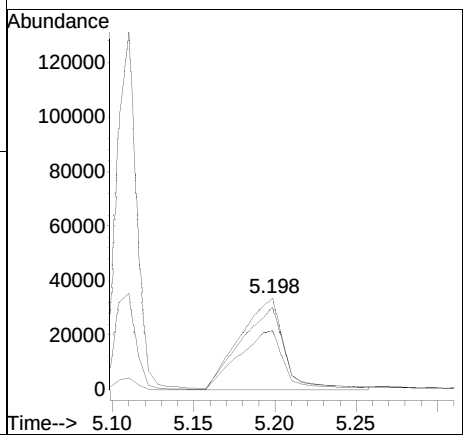


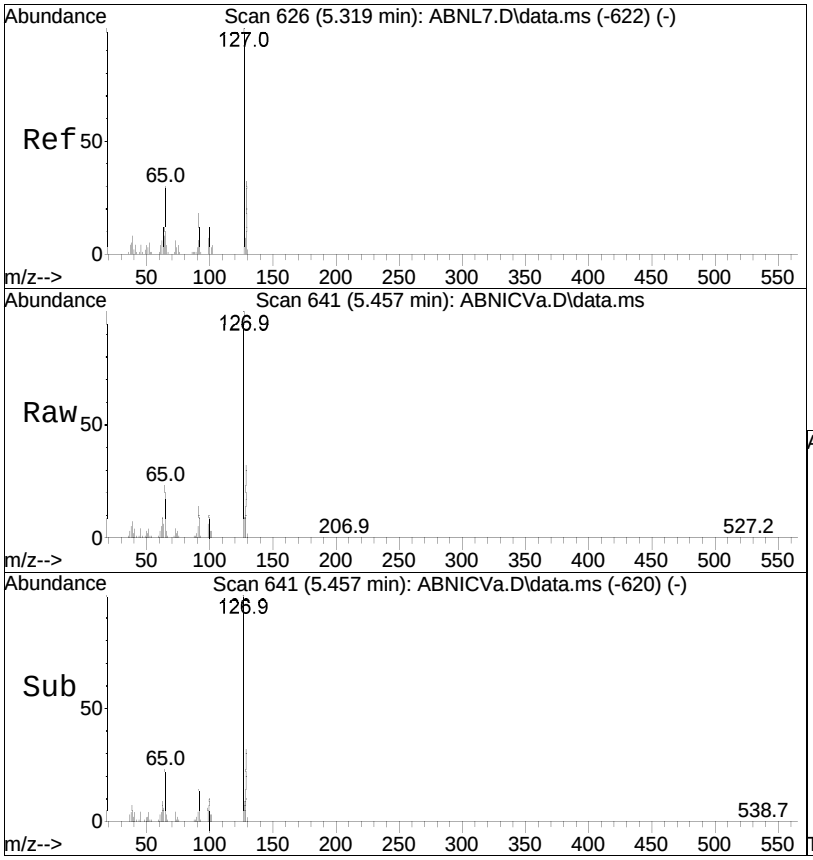


#37
Benzoic Acid
Concen: 37.04 ug/ml
RT: 5.198 min Scan# 597
Delta R.T. -0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:105 Resp: 64821

Ion	Ratio	Lower	Upper
105	100		
122	85.0	70.9	106.3
77	64.1	55.9	83.9

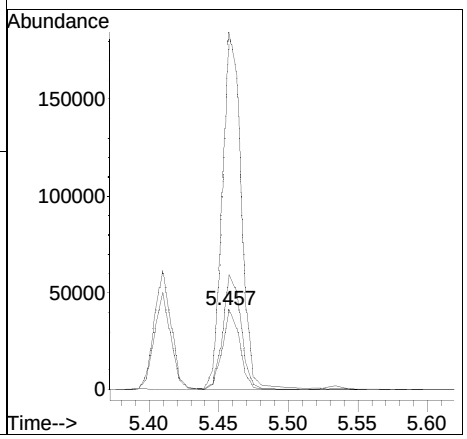


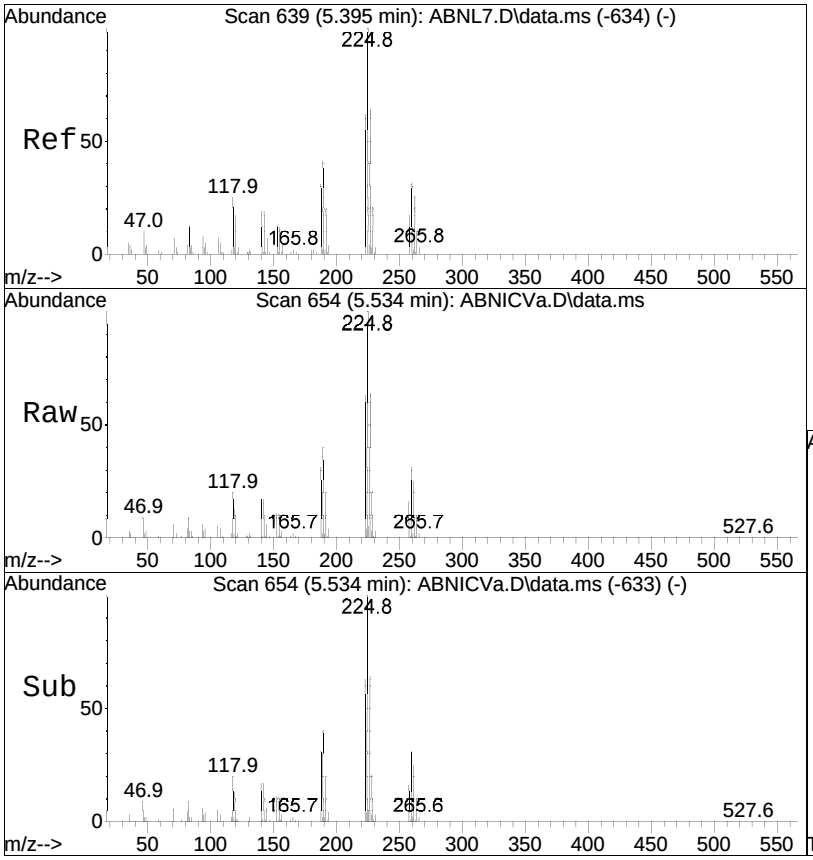


#38
4-Chloroaniline
Concen: 41.09 ug/ml
RT: 5.457 min Scan# 641
Delta R.T. 0.000 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion: 65 Resp: 37167

Ion	Ratio	Lower	Upper
65	100		
127	464.5	303.0	454.6#
129	147.7	99.3	148.9

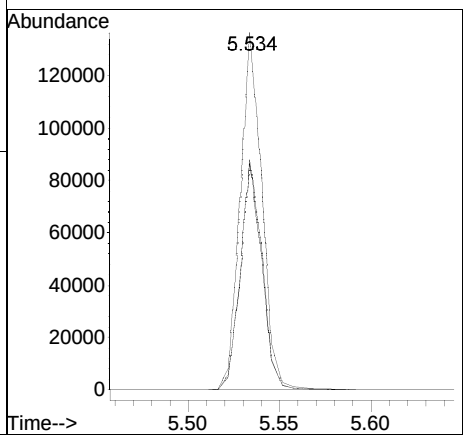


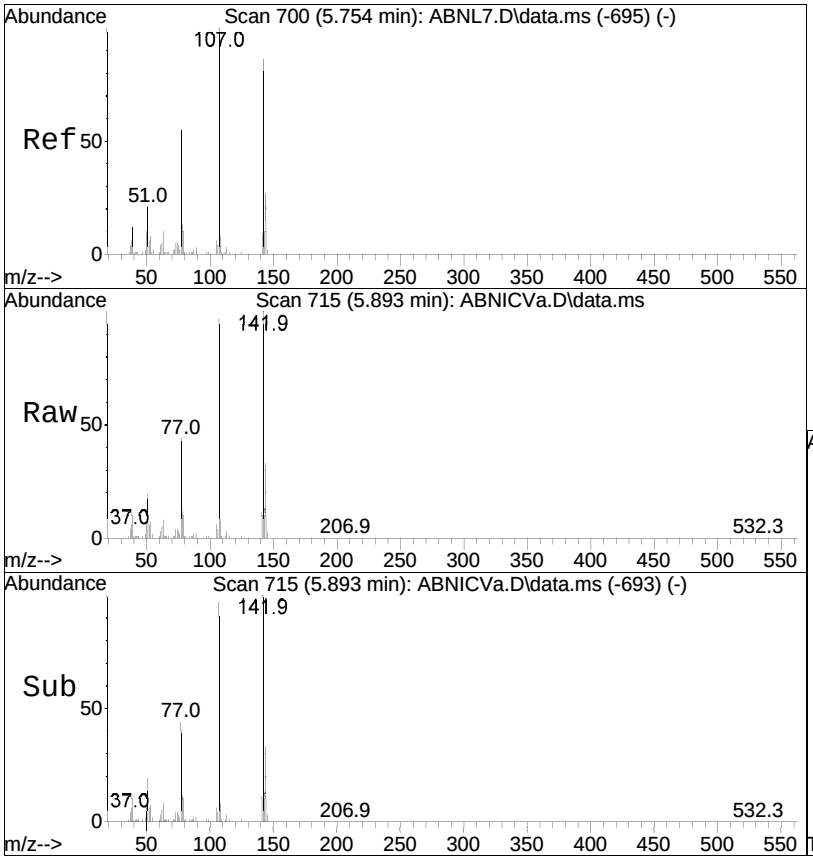


#39
Hexachlorobutadiene
Concen: 44.83 ug/ml
RT: 5.534 min Scan# 654
Delta R.T. -0.000 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:225 Resp: 112106

Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.9	76.3
227	64.4	50.6	75.8

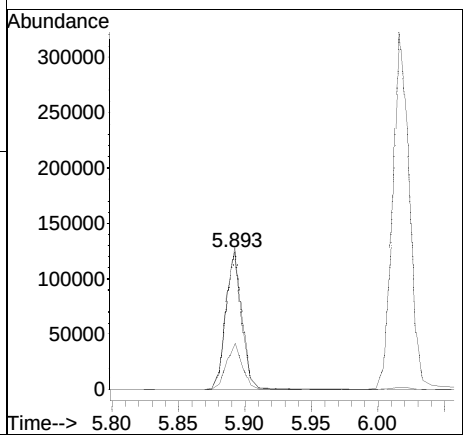


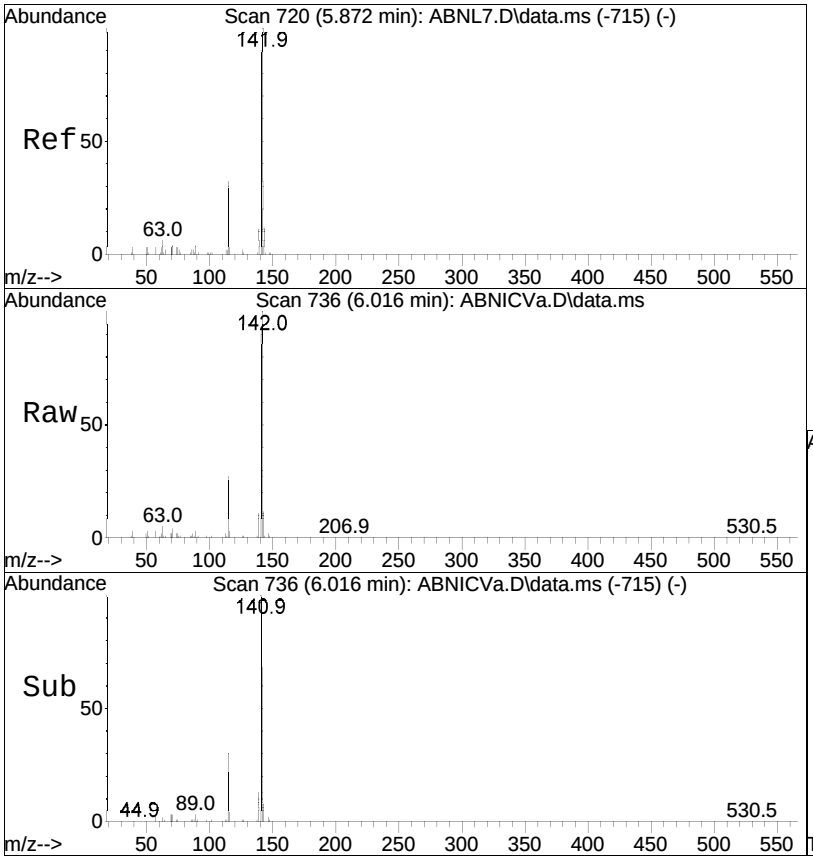


#40
p-Chloro-m-cresol
Concen: 42.58 ug/ml
RT: 5.893 min Scan# 715
Delta R.T. 0.007 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:107 Resp: 105093

Ion	Ratio	Lower	Upper
107	100		
144	33.4	22.6	33.8
142	101.4	69.7	104.5

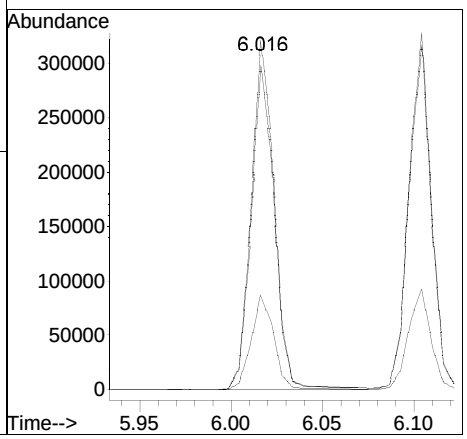


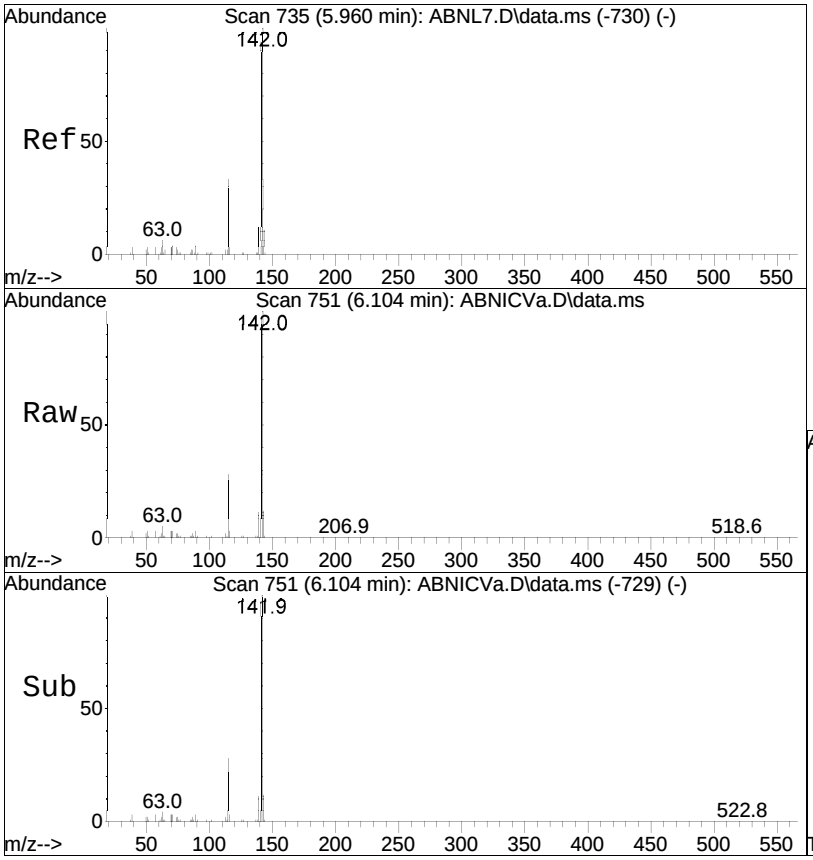


#41
2-Methylnaphthalene
Concen: 46.62 ug/ml
RT: 6.016 min Scan# 736
Delta R.T. 0.000 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:142 Resp: 281176

Ion	Ratio	Lower	Upper
142	100		
141	93.3	75.7	113.5
115	27.0	24.4	36.6

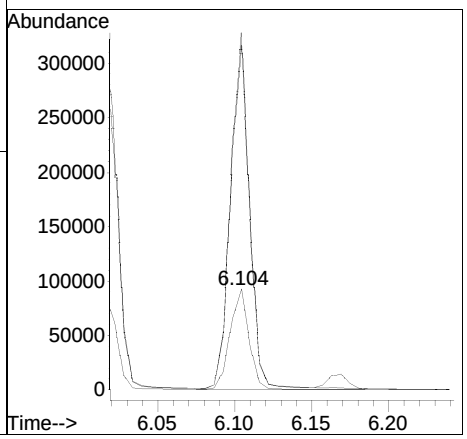


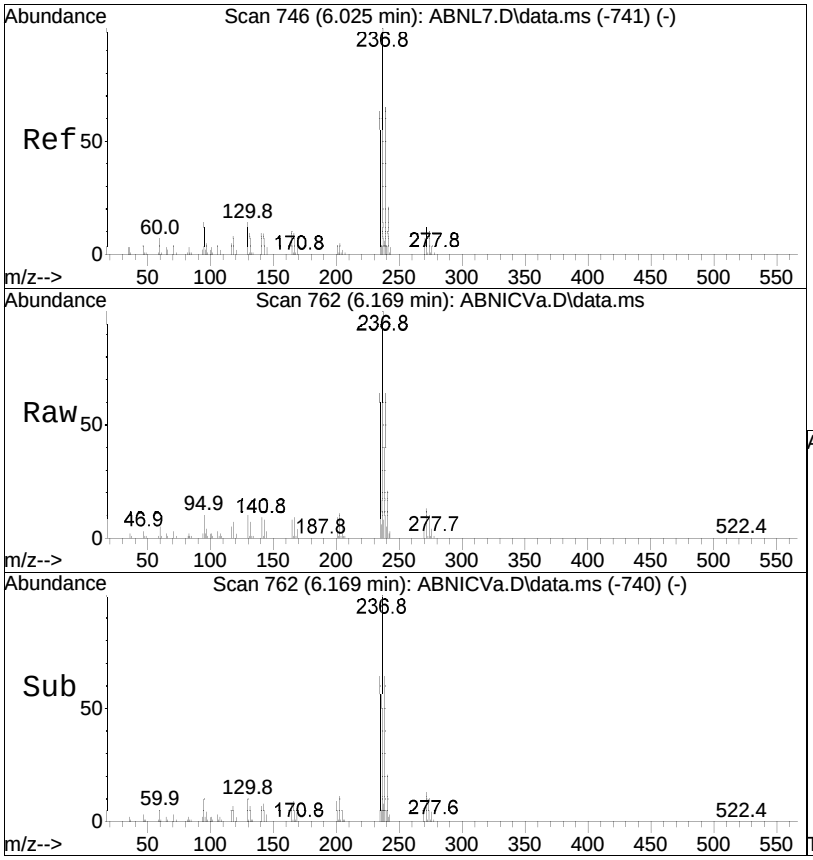


#42
1-Methylnaphthalene
Concen: 42.00 ug/ml
RT: 6.104 min Scan# 751
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:115 Resp: 79910

Ion	Ratio	Lower	Upper
115	100		
141	337.3	248.3	372.5
142	354.5	258.0	387.0

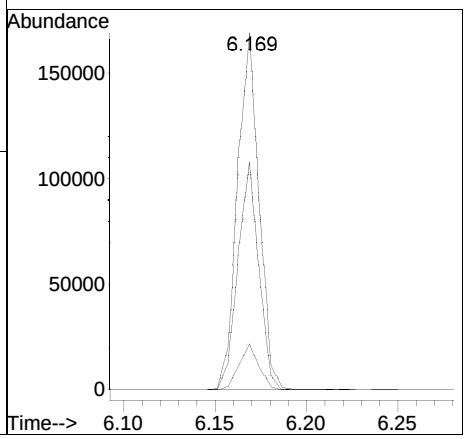


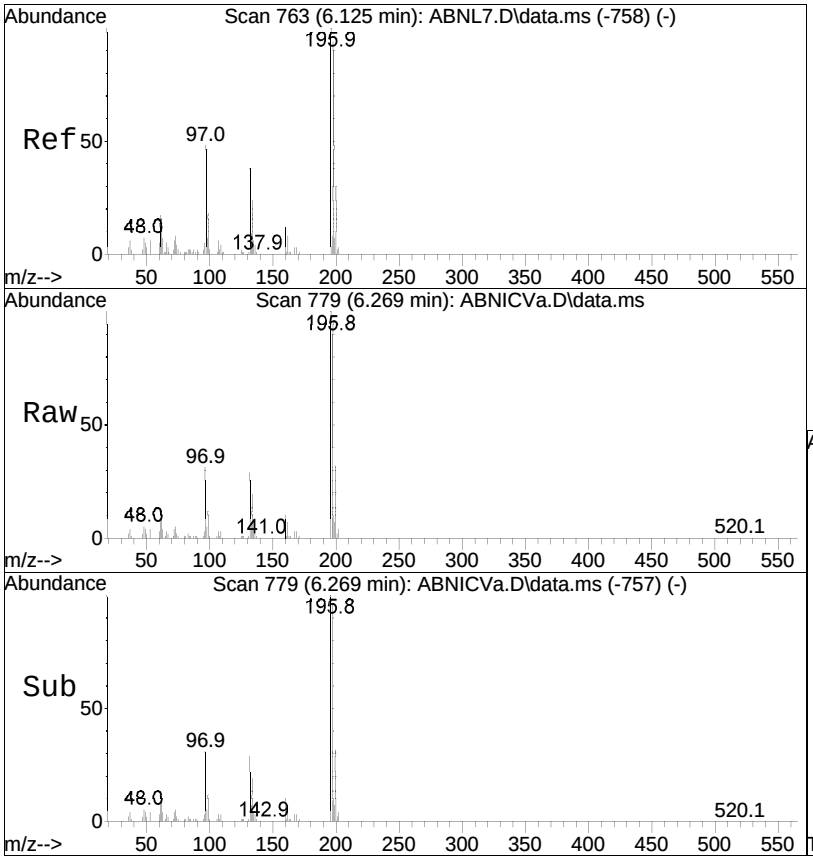


#43
Hexachlorocyclopentadiene
Concen: 51.22 ug/ml
RT: 6.169 min Scan# 762
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:237 Resp: 138662

Ion	Ratio	Lower	Upper
237	100		
235	62.0	50.8	76.2
272	12.0	10.4	15.6

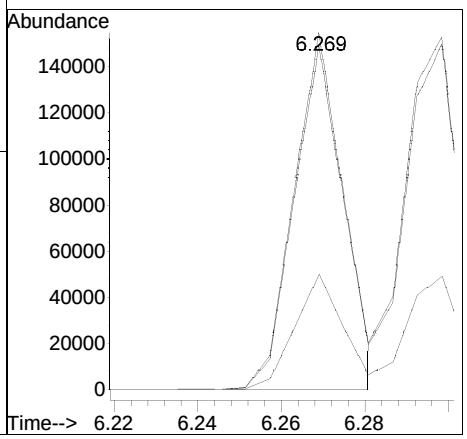


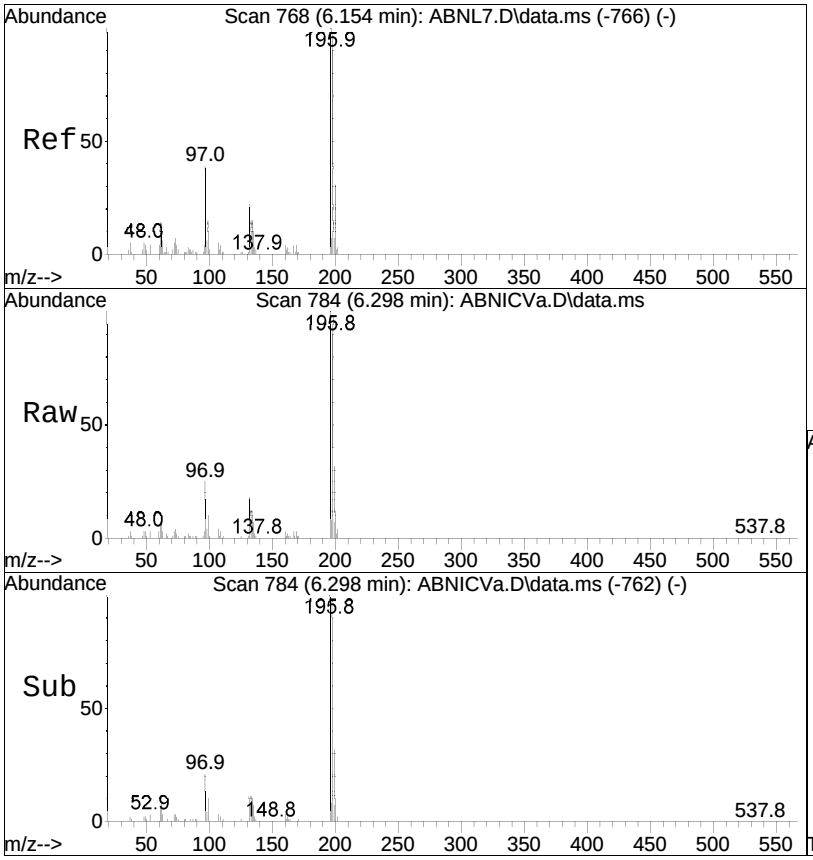


#44
2,4,6-Trichlorophenol
Concen: 44.59 ug/ml
RT: 6.269 min Scan# 779
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:196 Resp: 127905

Ion	Ratio	Lower	Upper
196	100		
198	96.4	76.8	115.2
200	31.9	25.0	37.4

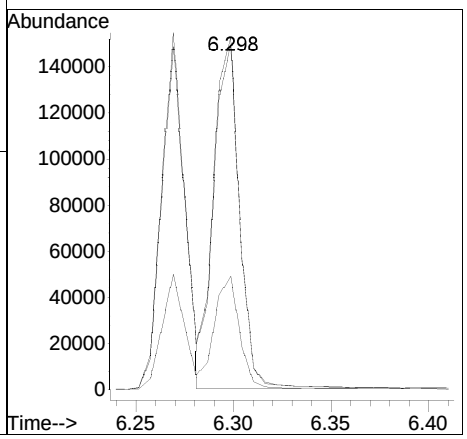


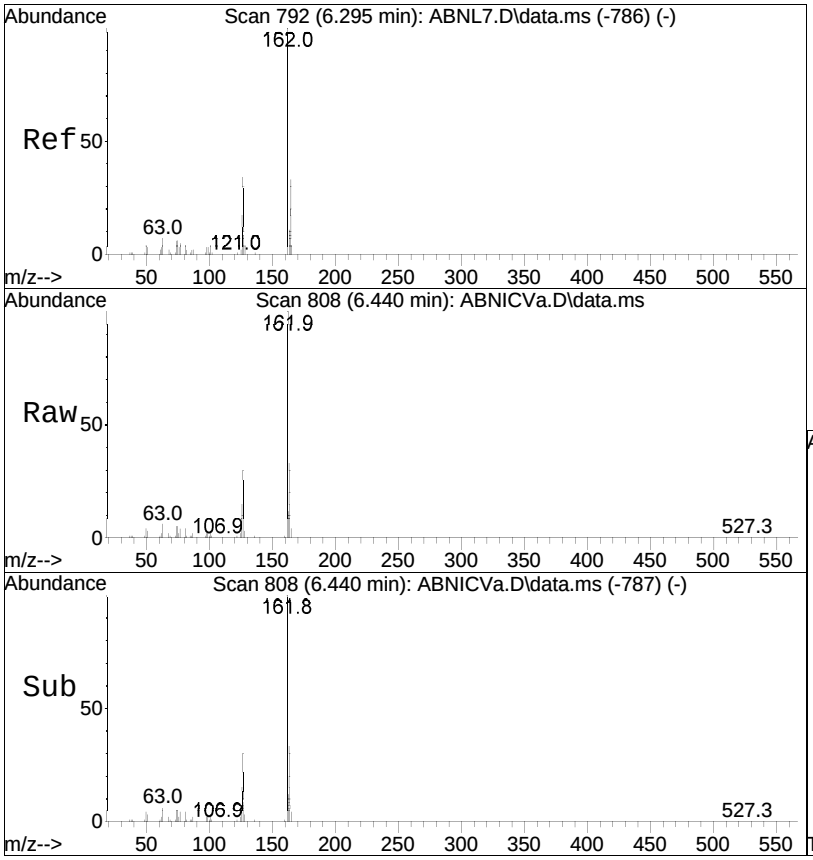


#45
2,4,5-Trichlorophenol
Concen: 45.39 ug/ml
RT: 6.298 min Scan# 784
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:196 Resp: 141302

Ion	Ratio	Lower	Upper
196	100		
200	31.7	25.4	38.0
198	97.3	79.1	118.7

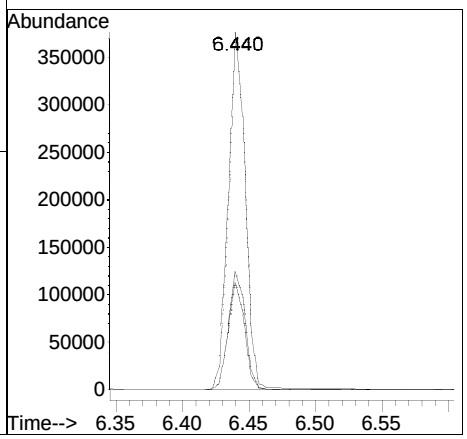


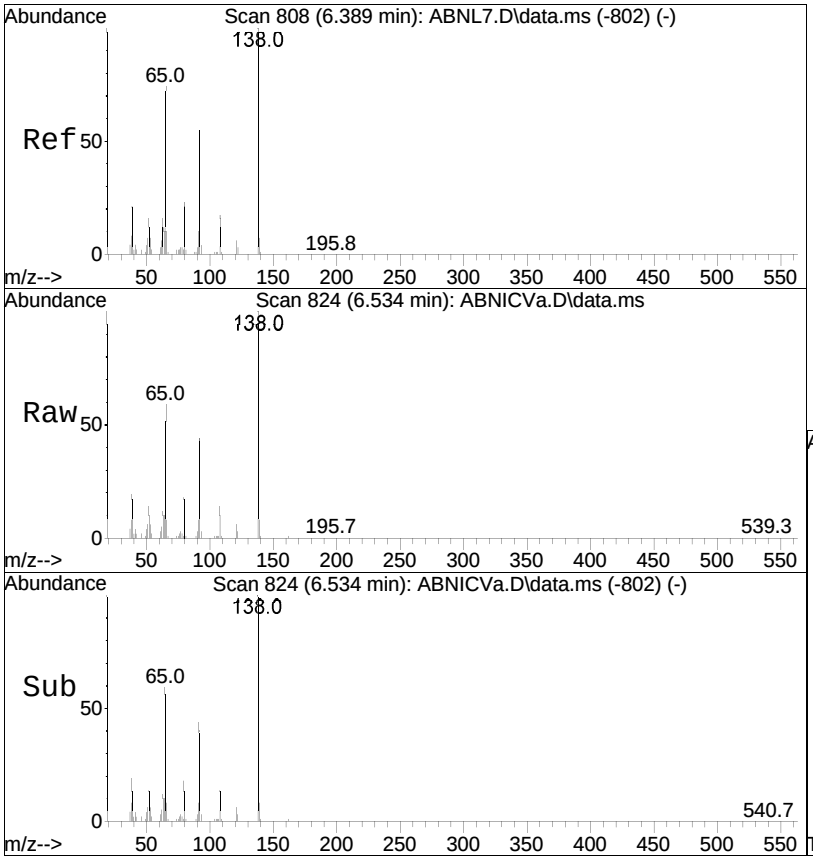


#47
2-Chloronaphthalene
Concen: 44.87 ug/ml
RT: 6.440 min Scan# 808
Delta R.T. 0.001 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:162 Resp: 332165

Ion	Ratio	Lower	Upper
162	100		
127	29.6	31.0	46.6#
164	33.6	27.0	40.6

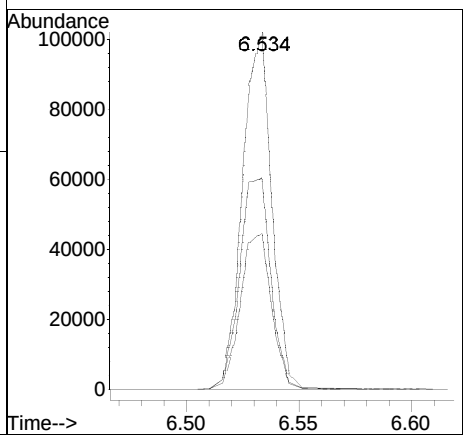


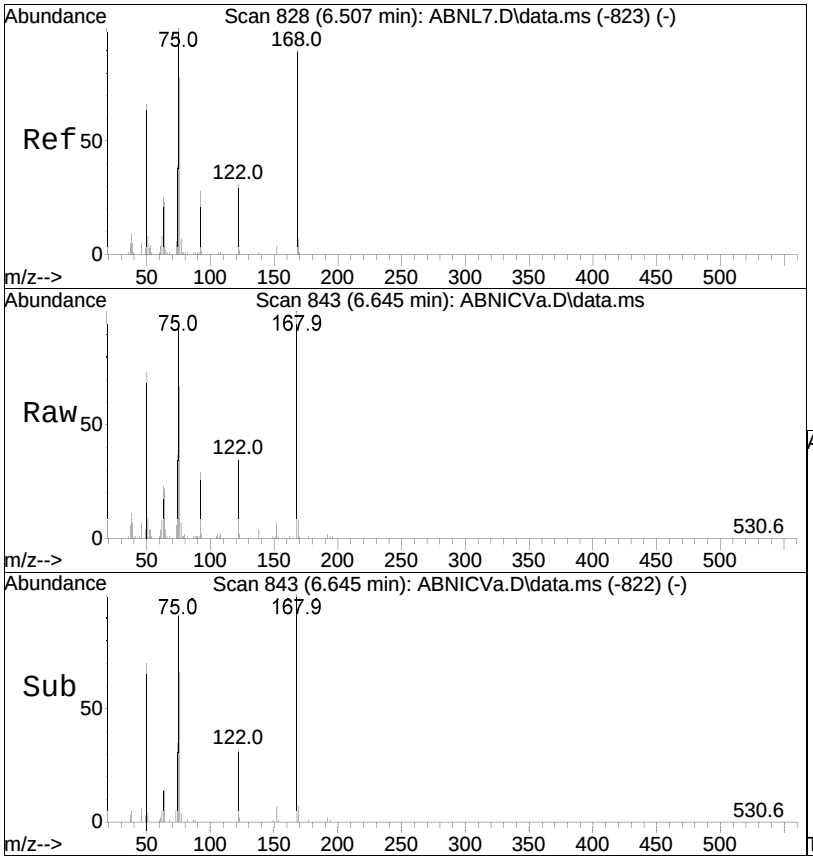


#48
2-Nitroaniline
Concen: 48.75 ug/ml
RT: 6.534 min Scan# 824
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:138 Resp: 91271

Ion	Ratio	Lower	Upper
138	100		
92	46.6	44.7	67.1
65	63.0	62.6	94.0

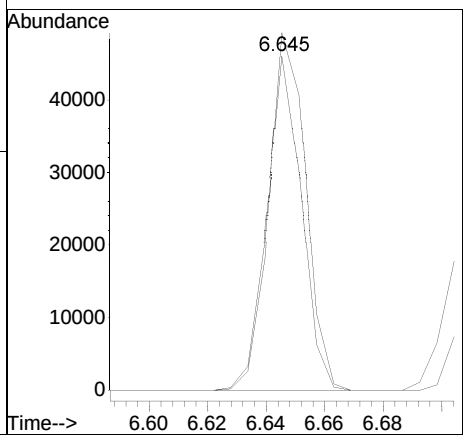


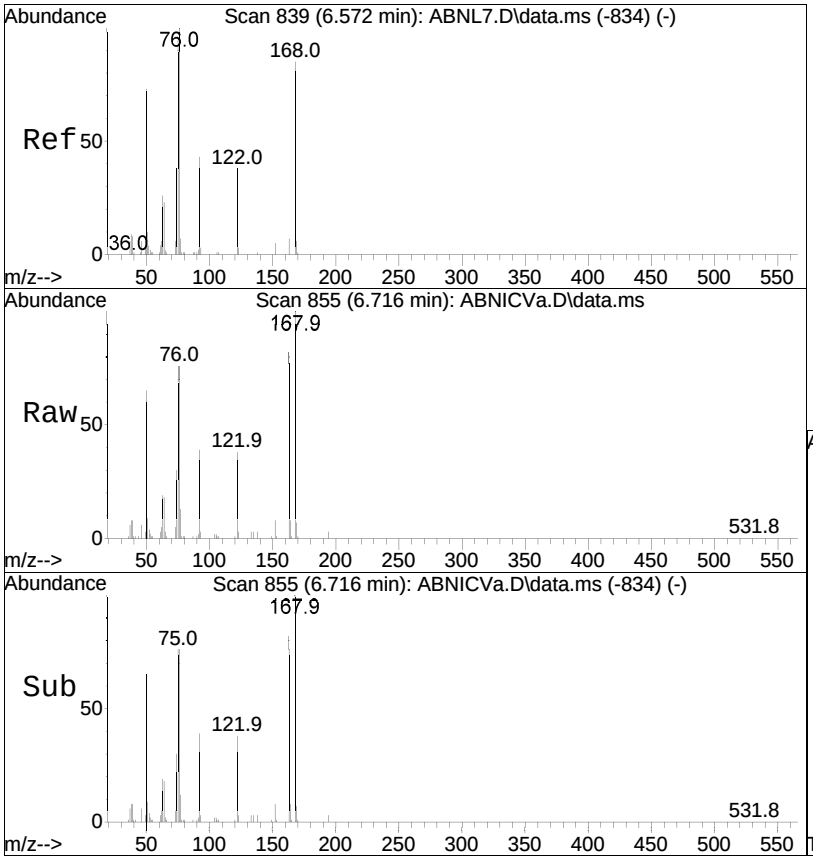


#49
1,4-Dinitrobenzene
Concen: 49.52 ug/ml
RT: 6.645 min Scan# 843
Delta R.T. 0.000 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:168 Resp: 43147

Ion	Ratio	Lower	Upper
168	100		
75	87.3	99.9	149.9#

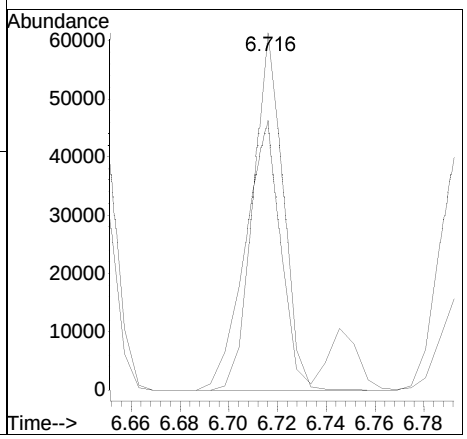


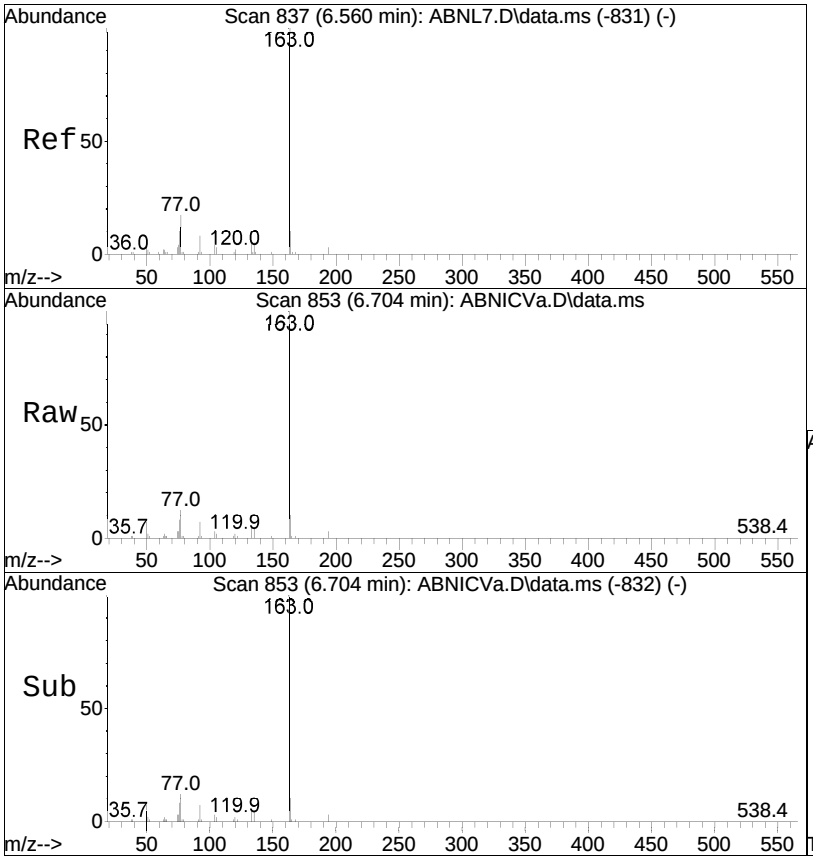


#50
1,3-Dinitrobenzene
Concen: 50.47 ug/ml
RT: 6.716 min Scan# 855
Delta R.T. 0.000 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:168 Resp: 52381

Ion	Ratio	Lower	Upper
168	100		
75	90.0	102.7	154.1#

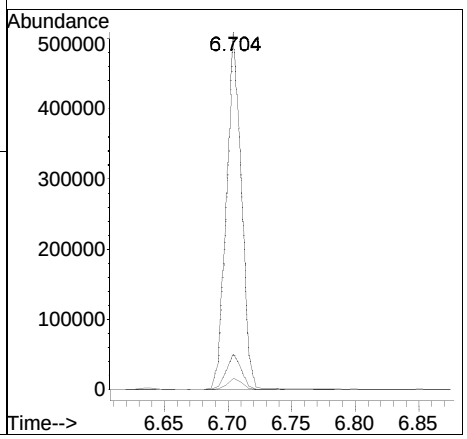


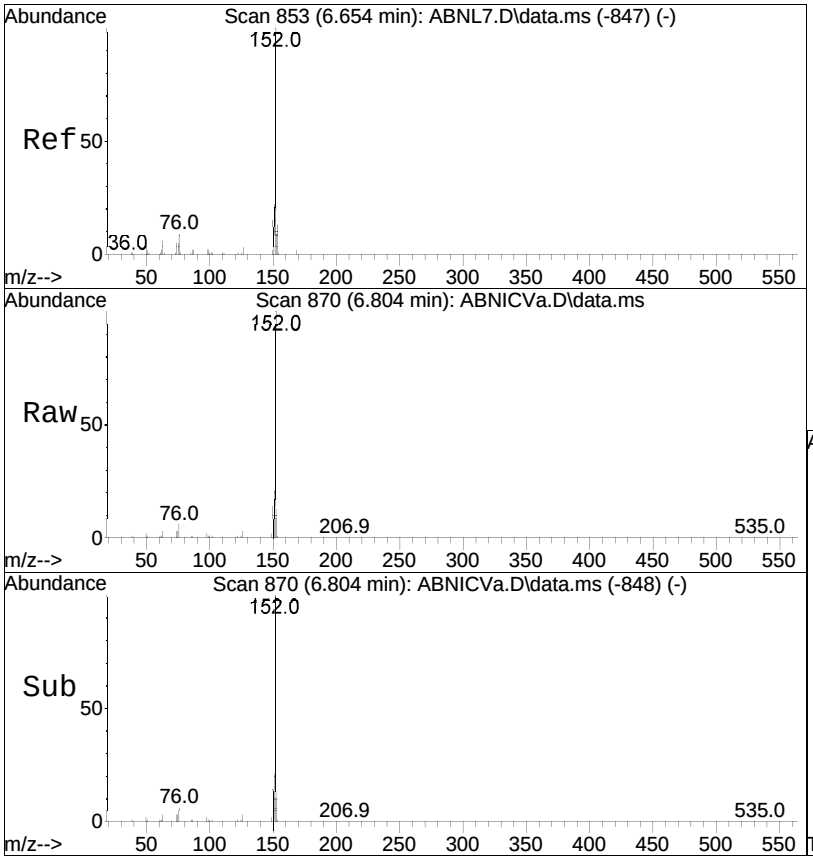


#51
Dimethyl phthalate
Concen: 44.26 ug/ml
RT: 6.704 min Scan# 853
Delta R.T. 0.000 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:163 Resp: 407299

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.0	3.0
164	10.2	8.6	12.8

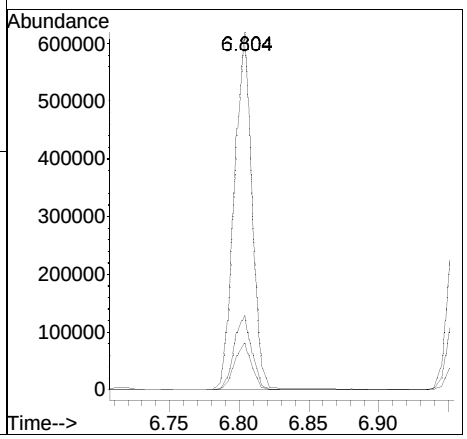


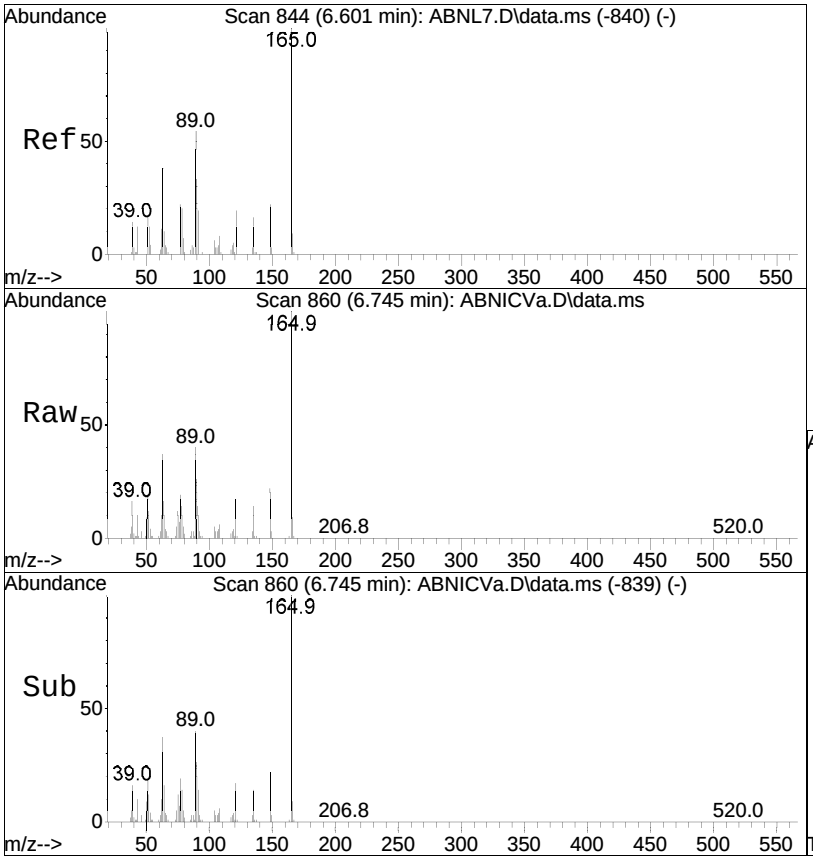


#52
Acenaphthylene
Concen: 44.79 ug/ml
RT: 6.804 min Scan# 870
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:152 Resp: 547908

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.5	26.3
153	13.0	11.3	16.9

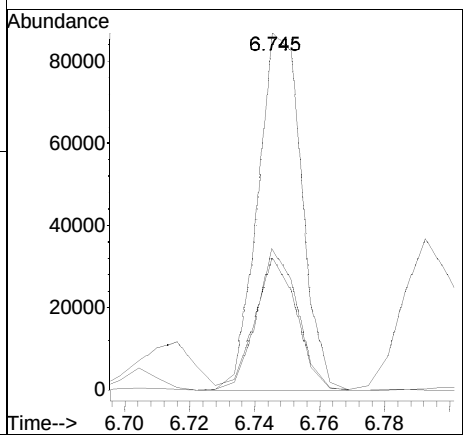


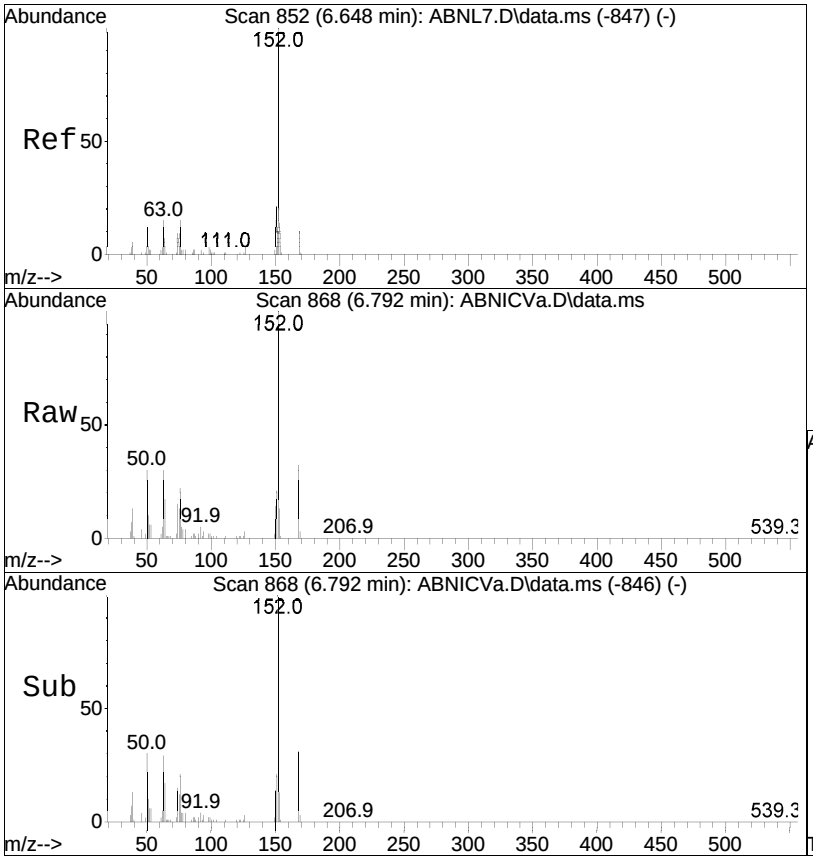


#53
2,6-Dinitrotoluene
Concen: 48.18 ug/ml
RT: 6.745 min Scan# 860
Delta R.T. 0.000 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:165 Resp: 80910

Ion	Ratio	Lower	Upper
165	100		
89	36.8	39.0	58.6#
63	34.9	38.5	57.7#

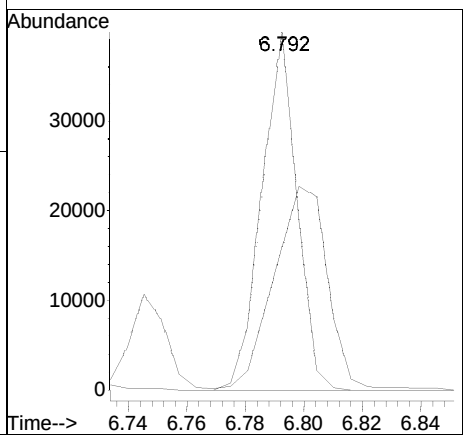


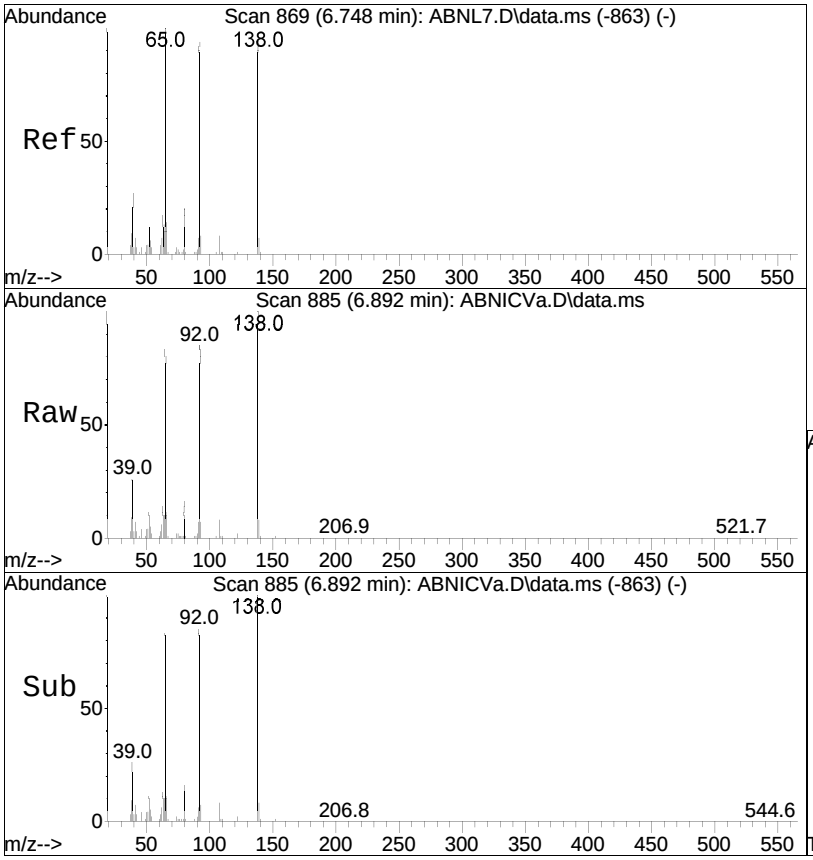


#54
1,2-Dinitrobenzene
Concen: 49.35 ug/ml
RT: 6.792 min Scan# 868
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:168 Resp: 33168

Ion	Ratio	Lower	Upper
168	100		
75	87.1	90.4	135.6#

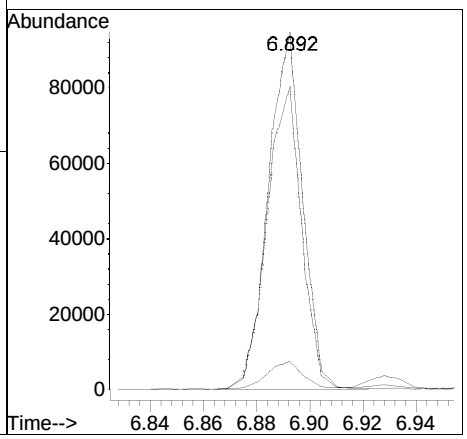


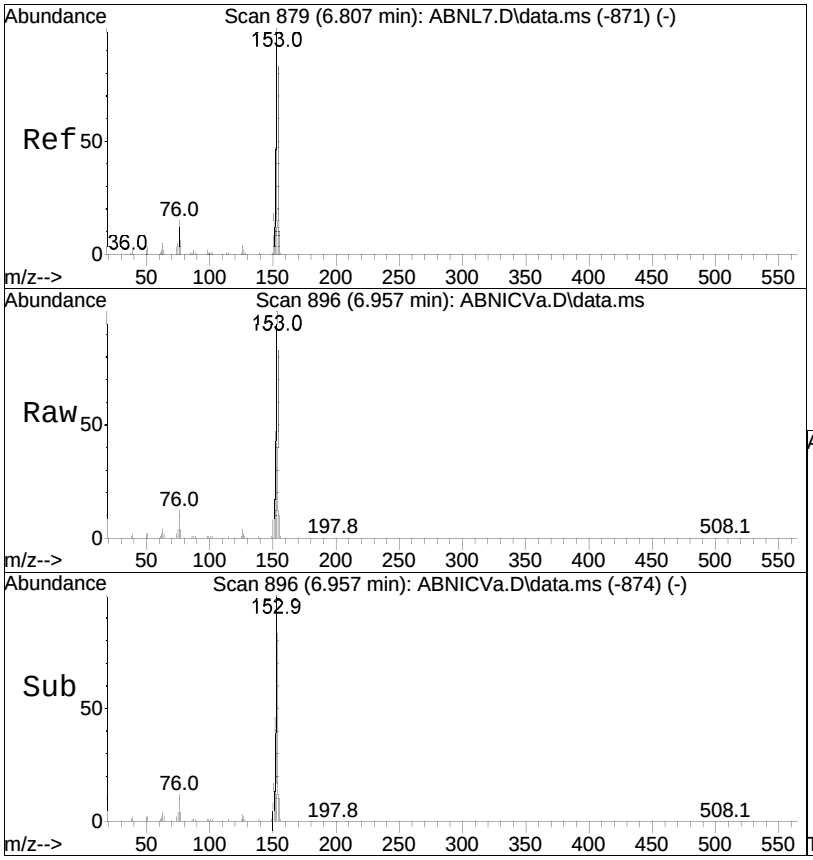


#64
3-Nitroaniline
Concen: 47.91 ug/ml
RT: 6.892 min Scan# 885
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:138 Resp: 83416

Ion	Ratio	Lower	Upper
138	100		
92	86.6	80.2	120.4
108	8.6	7.2	10.8

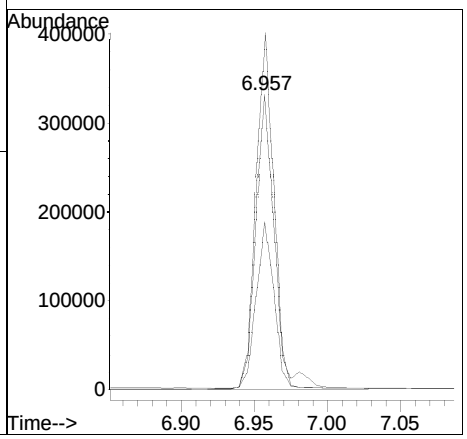


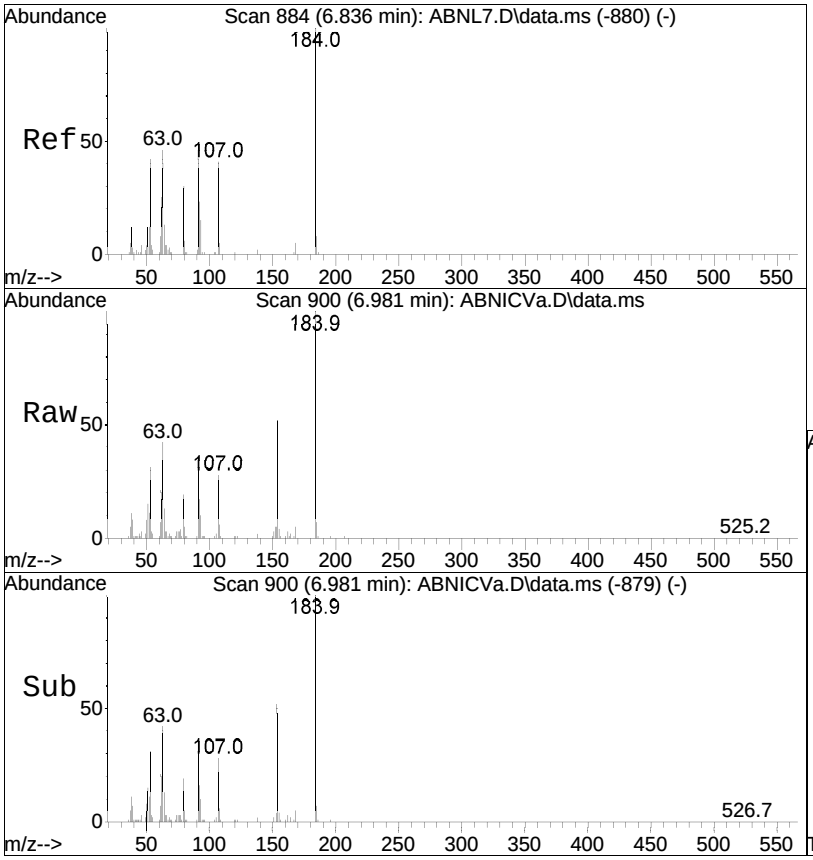


#65
Acenaphthene
Concen: 44.36 ug/ml
RT: 6.957 min Scan# 896
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:154 Resp: 301517

Ion	Ratio	Lower	Upper
154	100		
153	114.8	95.8	143.8
152	53.4	46.3	69.5

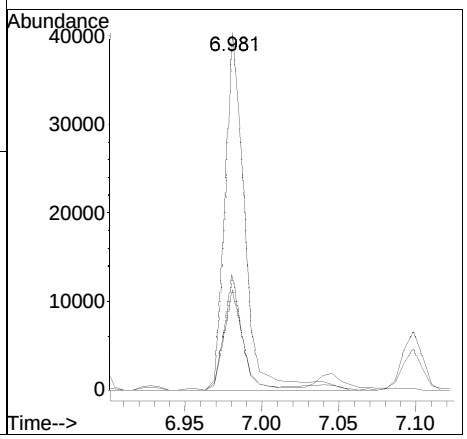


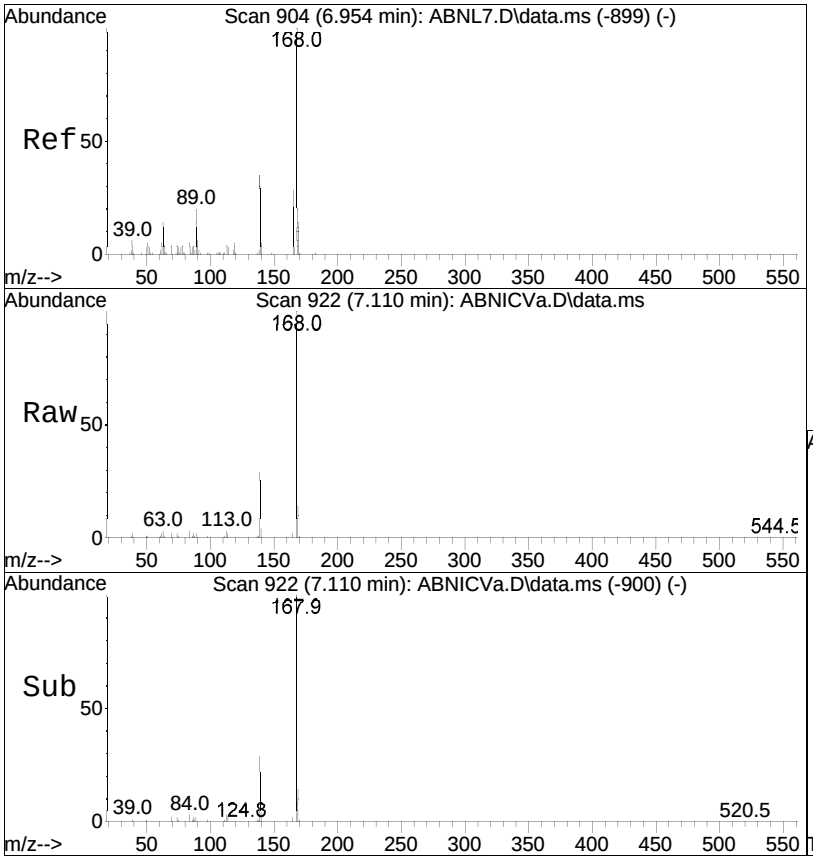


#66
2,4-Dinitrophenol
Concen: 41.48 ug/ml
RT: 6.981 min Scan# 900
Delta R.T. 0.001 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:184 Resp: 35994

Ion	Ratio	Lower	Upper
184	100		
107	26.8	32.2	48.2#
91	29.5	36.4	54.6#

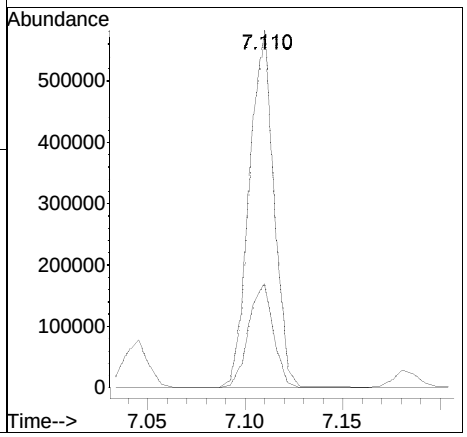


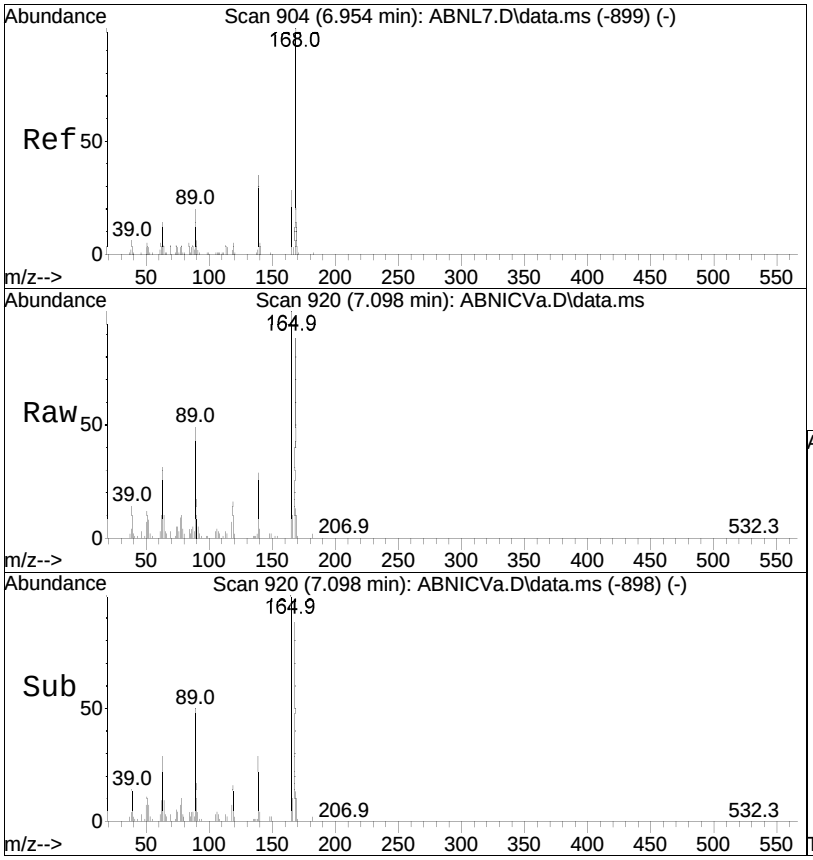


#67
Dibenzofuran
Concen: 44.42 ug/ml
RT: 7.110 min Scan# 922
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:168 Resp: 508990

Ion	Ratio	Lower	Upper
168	100		
139	29.2	44.5	66.7#

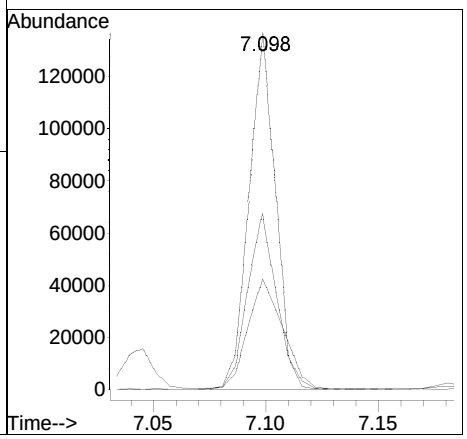


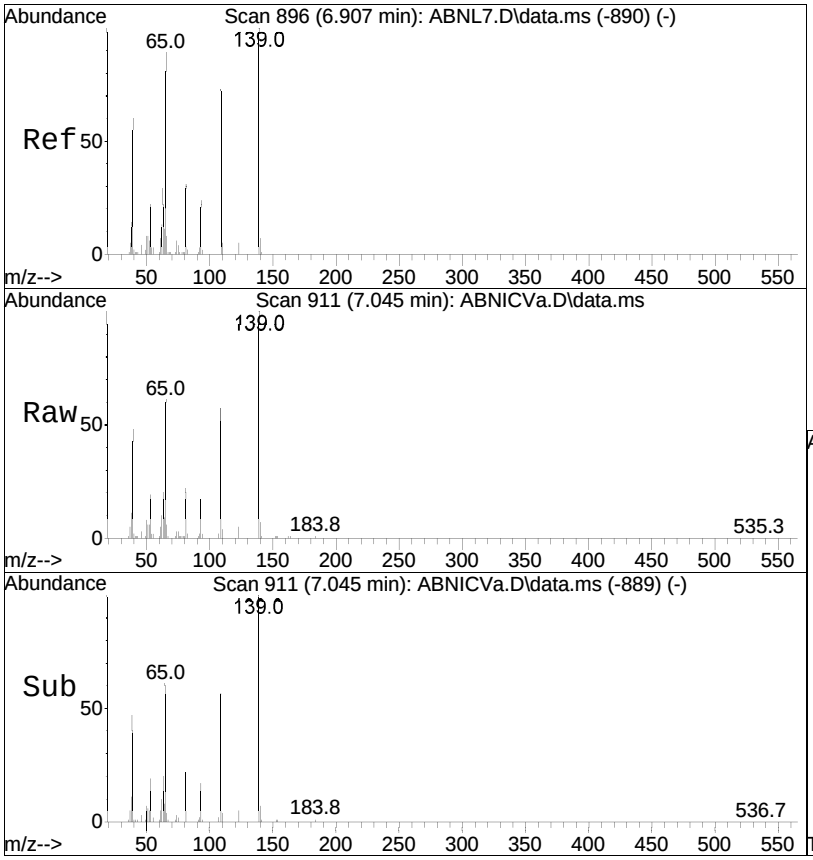


#68
2,4-Dinitrotoluene
Concen: 49.38 ug/ml
RT: 7.098 min Scan# 920
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:165 Resp: 111990

Ion	Ratio	Lower	Upper
165	100		
89	54.8	58.8	88.2#
63	40.7	56.5	84.7#

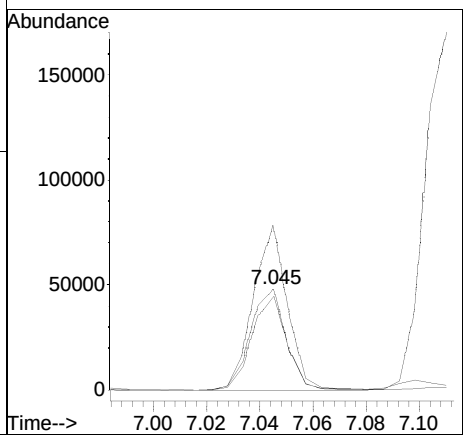


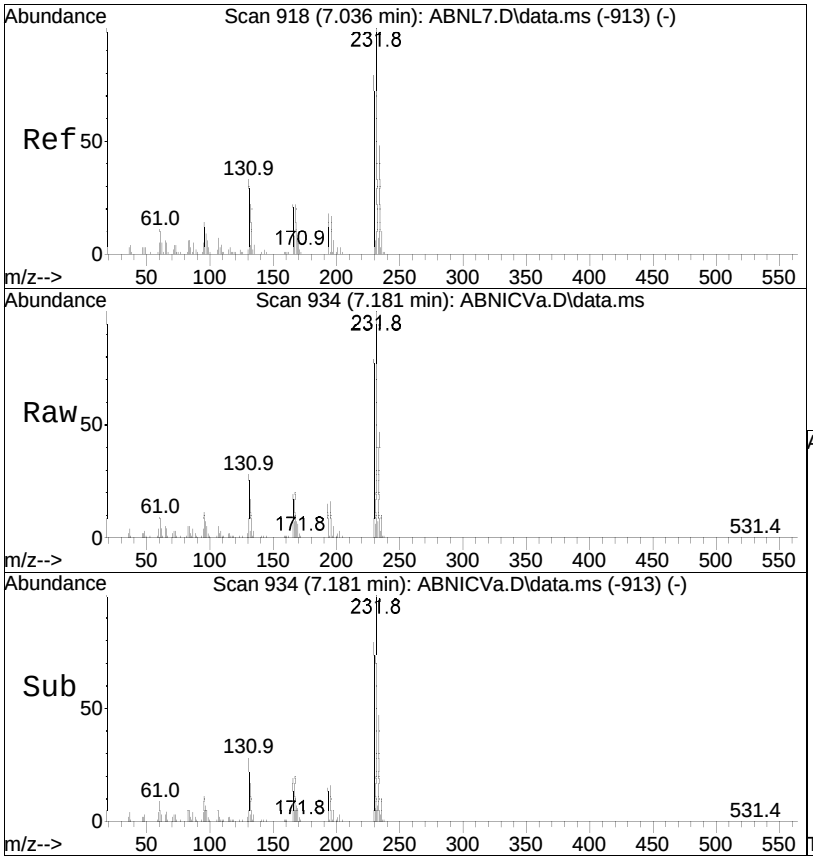


#69
4-Nitrophenol
Concen: 41.42 ug/ml
RT: 7.045 min Scan# 911
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion: 65 Resp: 45207

Ion	Ratio	Lower	Upper
65	100		
109	90.7	52.0	78.0#
139	154.4	268.1	402.1#

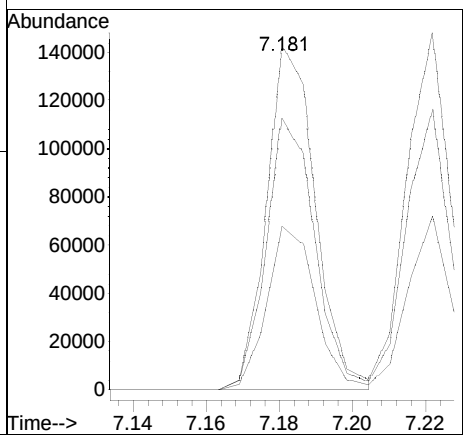


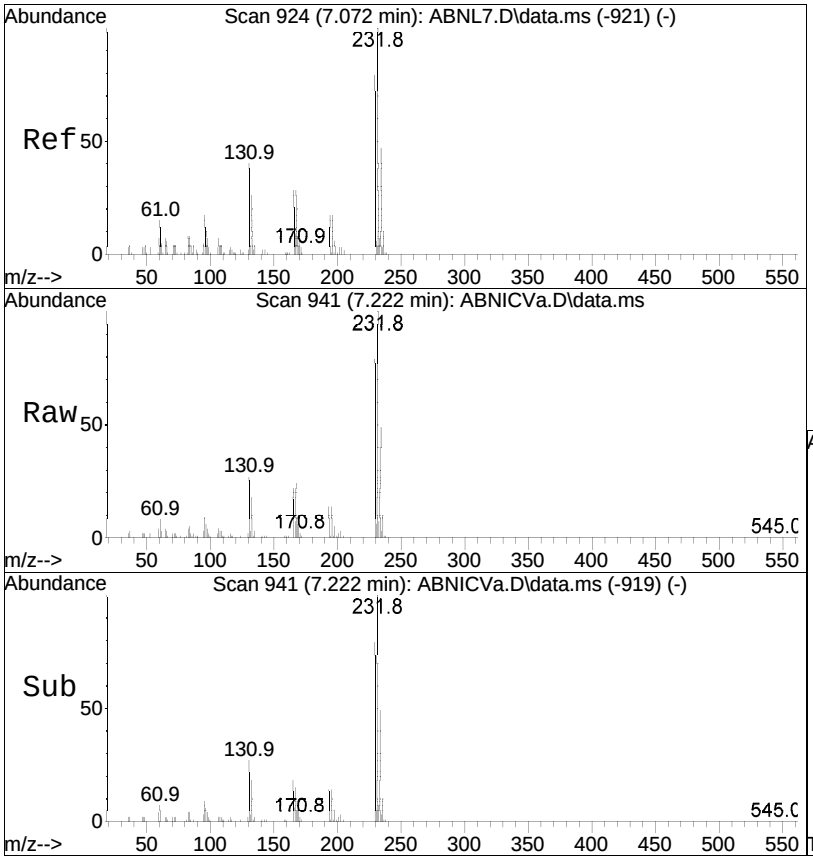


#70
2,3,5,6-Tetrachlorophenol
Concen: 48.82 ug/ml
RT: 7.181 min Scan# 934
Delta R.T. 0.001 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:232 Resp: 132762

Ion	Ratio	Lower	Upper
232	100		
230	79.0	62.8	94.2
234	47.6	38.6	58.0

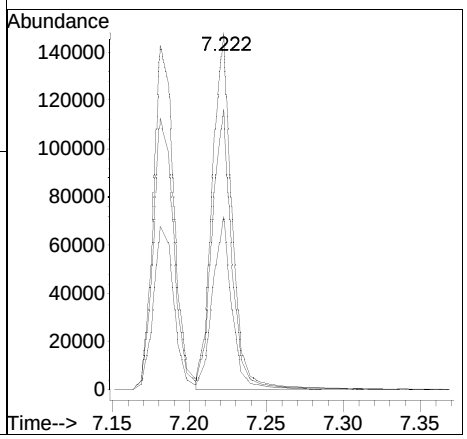


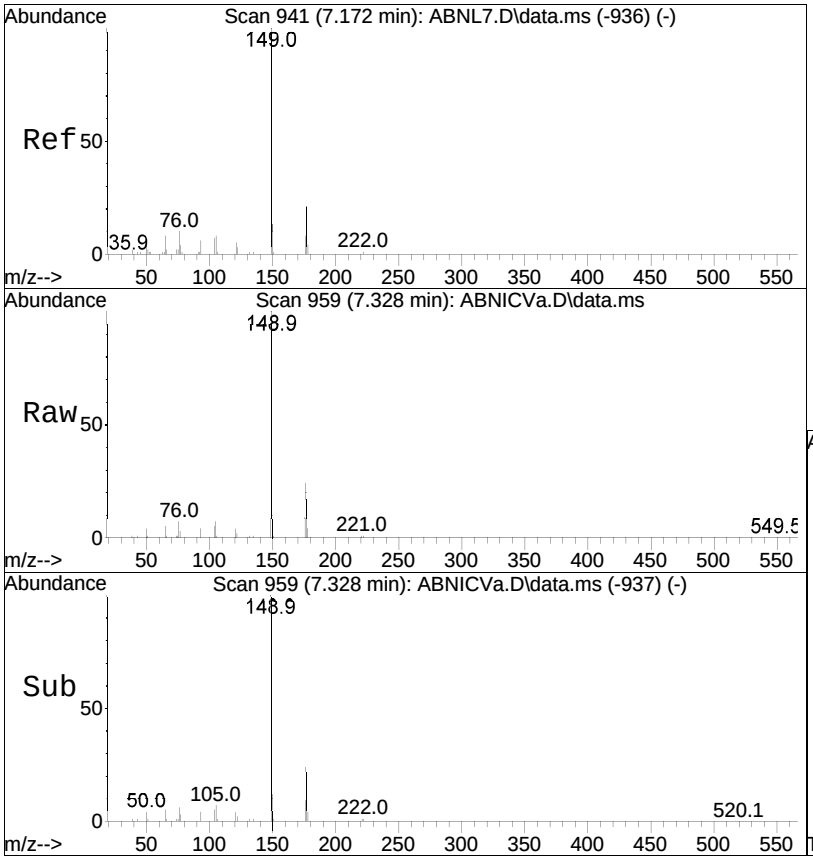


#71
2,3,4,6-Tetrachlorophenol
Concen: 47.43 ug/ml
RT: 7.222 min Scan# 941
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:232 Resp: 132484

Ion	Ratio	Lower	Upper
232	100		
230	78.9	62.9	94.3
234	47.4	38.1	57.1

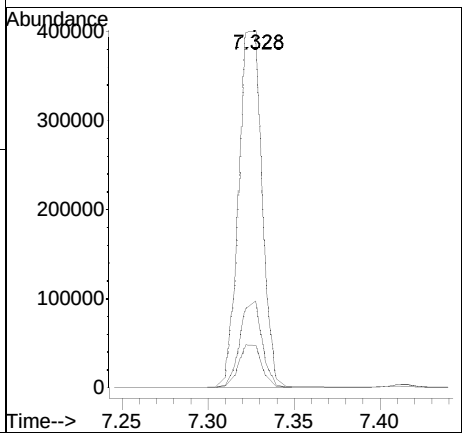


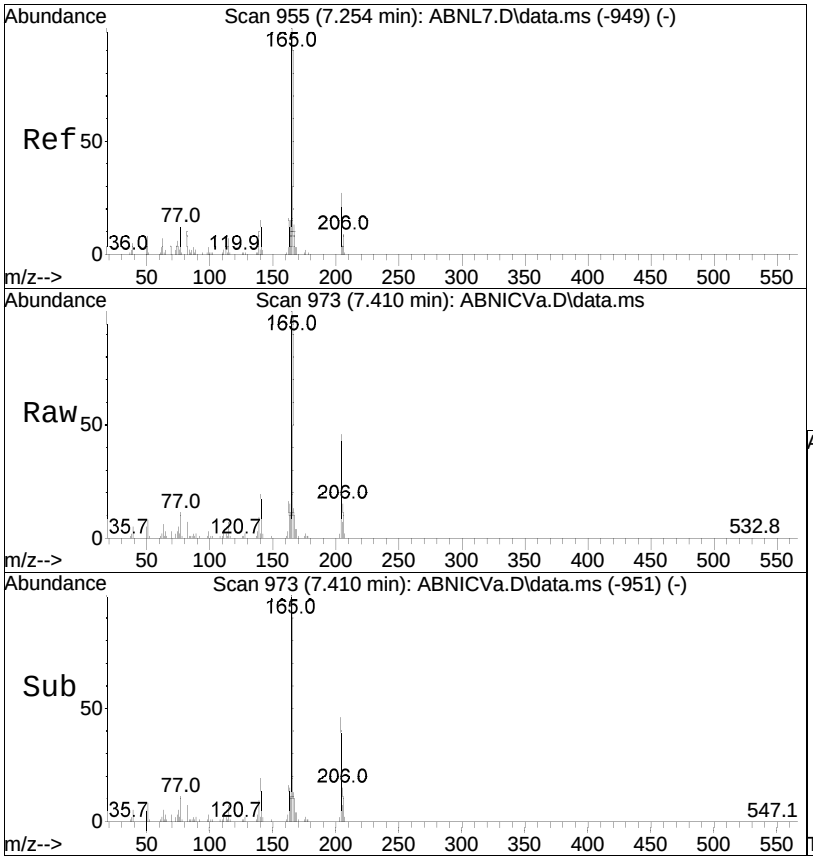


#72
Diethyl phthalate
Concen: 44.17 ug/ml
RT: 7.328 min Scan# 959
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:149 Resp: 372945

Ion	Ratio	Lower	Upper
149	100		
177	23.1	16.2	24.4
150	11.9	9.9	14.9

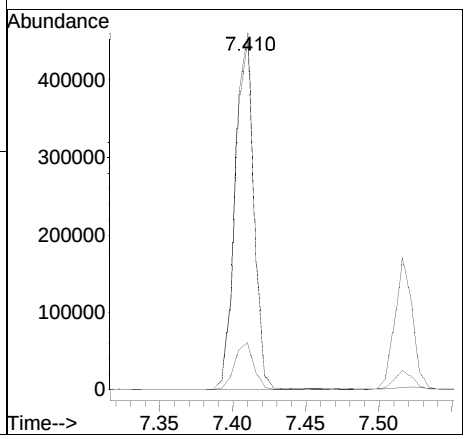


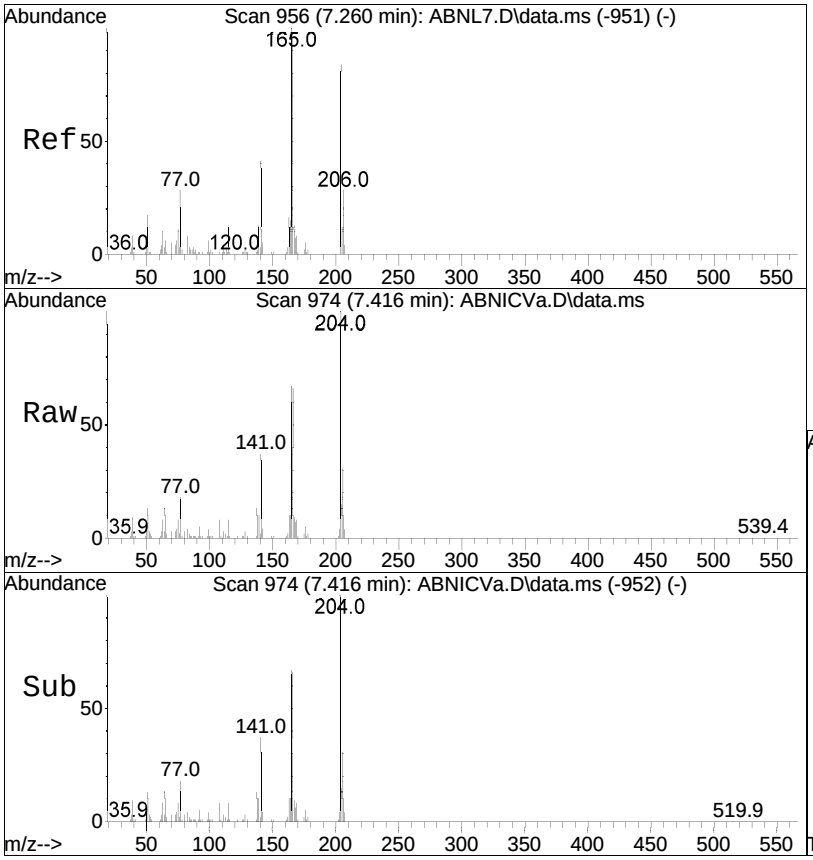


#73
Fluorene
Concen: 44.43 ug/ml
RT: 7.410 min Scan# 973
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:166 Resp: 402503

Ion	Ratio	Lower	Upper
166	100		
165	102.5	82.5	123.7
167	13.7	11.3	16.9

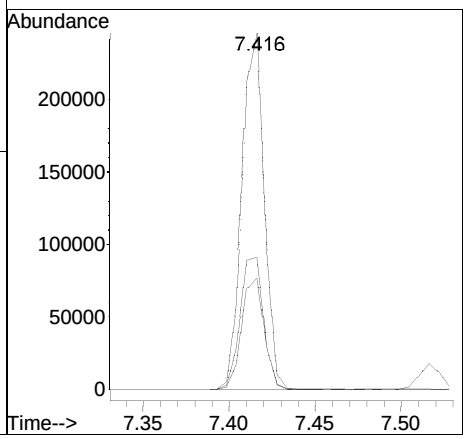


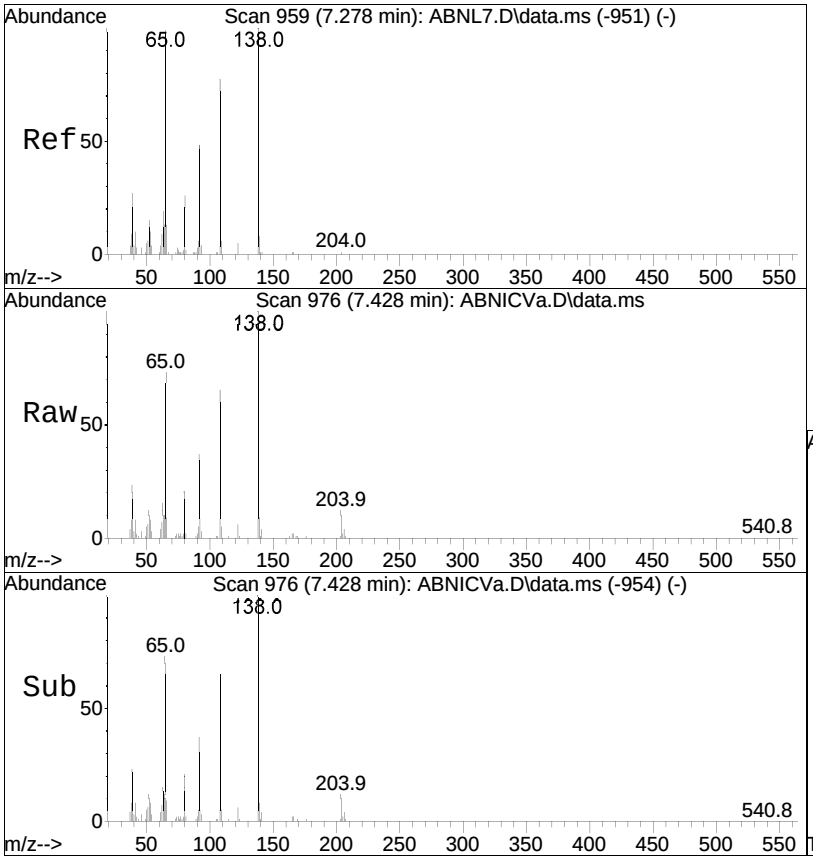


#74
4-Chlorophenyl phenyl ether
Concen: 44.93 ug/ml
RT: 7.416 min Scan# 974
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:204 Resp: 221072

Ion	Ratio	Lower	Upper
204	100		
206	32.0	27.1	40.7
141	39.2	46.6	70.0#

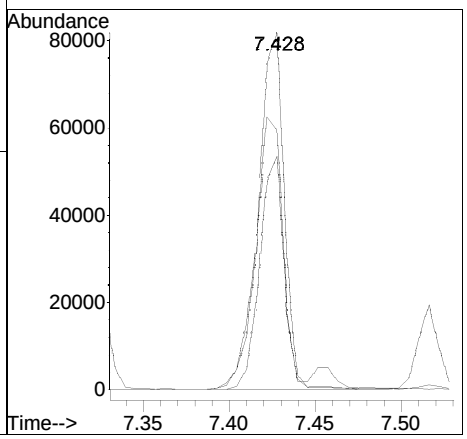


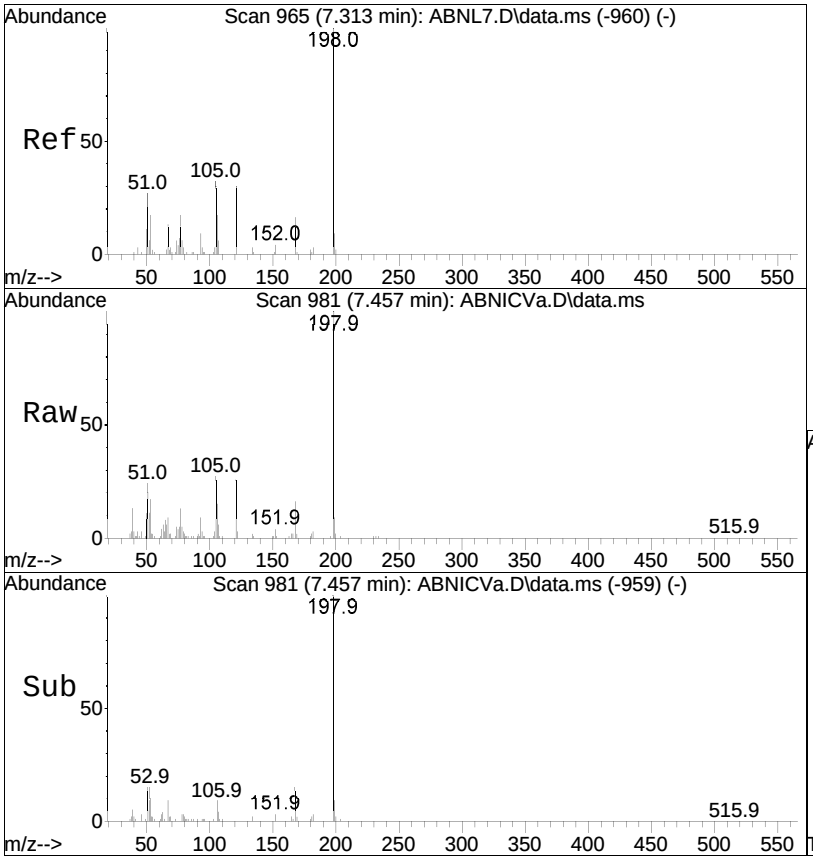


#75
4-Nitroaniline
Concen: 46.27 ug/ml
RT: 7.428 min Scan# 976
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:138 Resp: 84563

Ion	Ratio	Lower	Upper
138	100		
108	62.4	45.8	68.8
65	82.3	84.2	126.4#

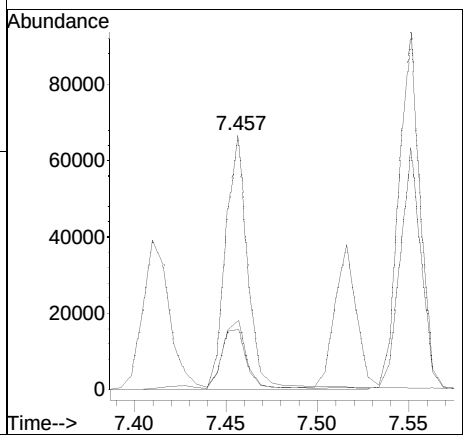


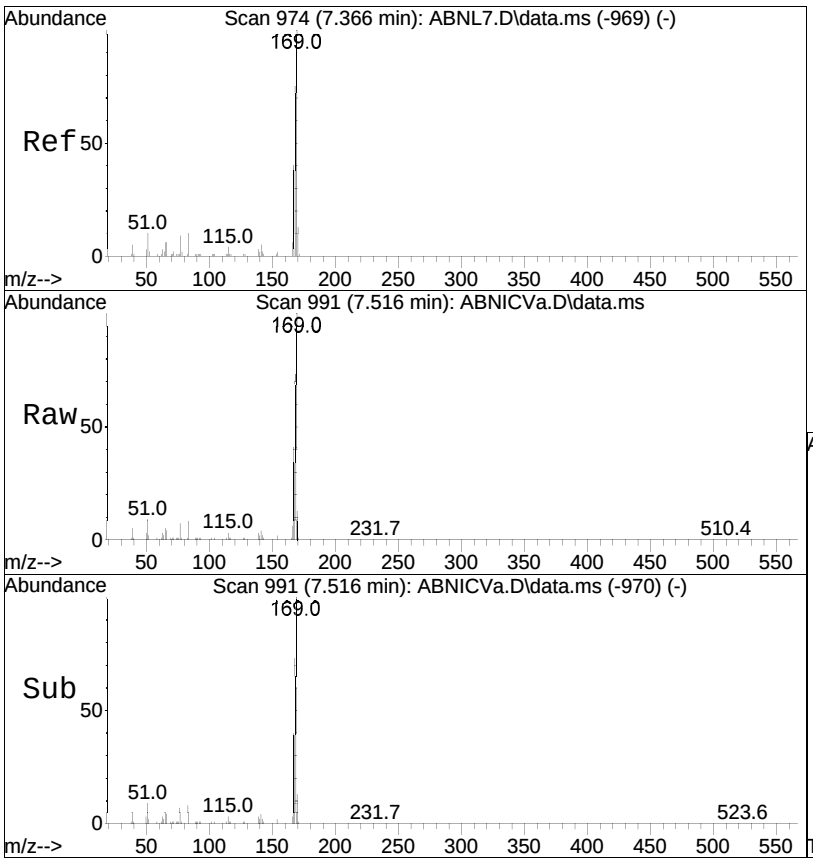


#76
4,6-Dinitro-o-cresol
Concen: 43.87 ug/ml
RT: 7.457 min Scan# 981
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:198 Resp: 56745

Ion	Ratio	Lower	Upper
198	100		
51	25.0	35.5	53.3#
105	28.3	35.8	53.6#

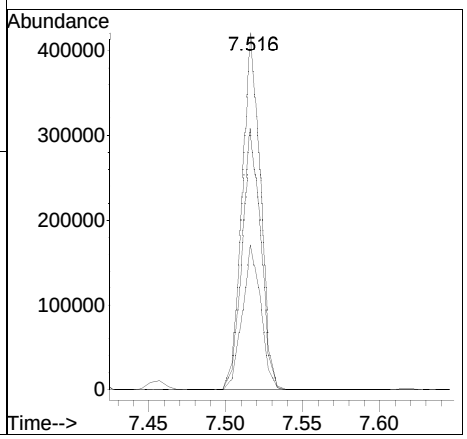


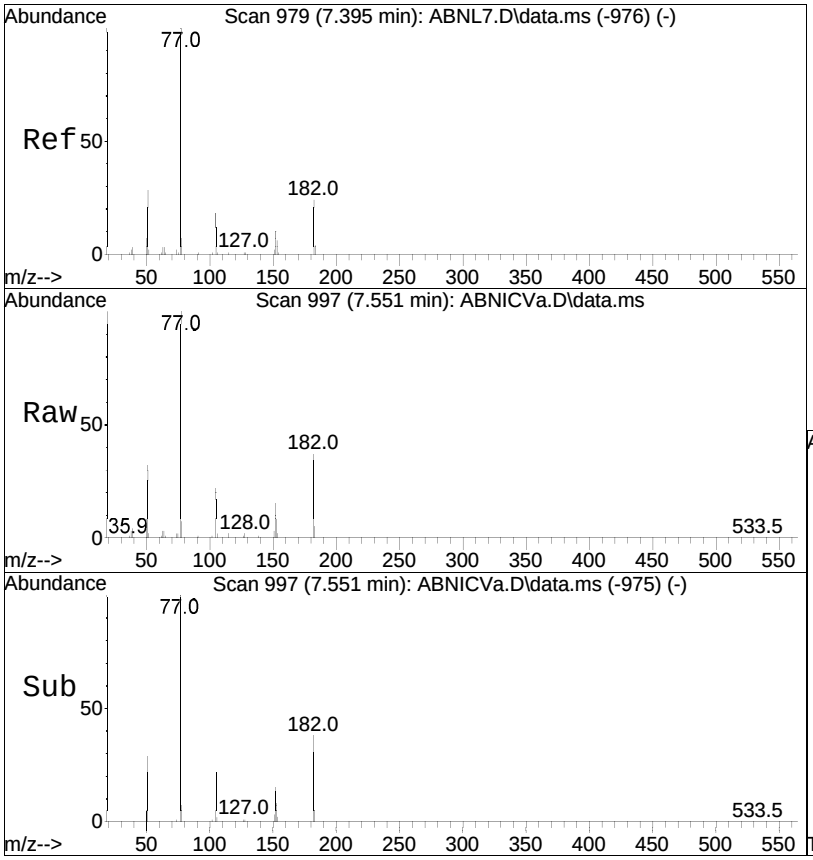


#77
NDPA/DPA
Concen: 44.53 ug/ml
RT: 7.516 min Scan# 991
Delta R.T. -0.000 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:169 Resp: 348310

Ion	Ratio	Lower	Upper
169	100		
168	74.4	59.7	89.5
167	41.4	33.6	50.4

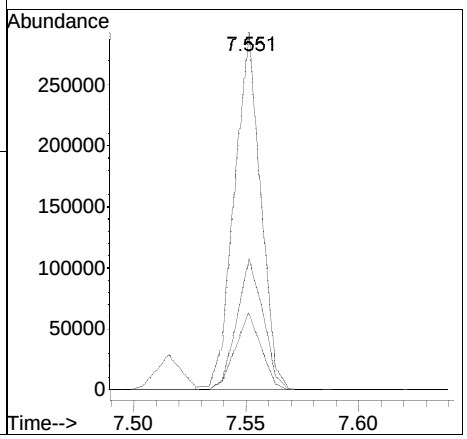


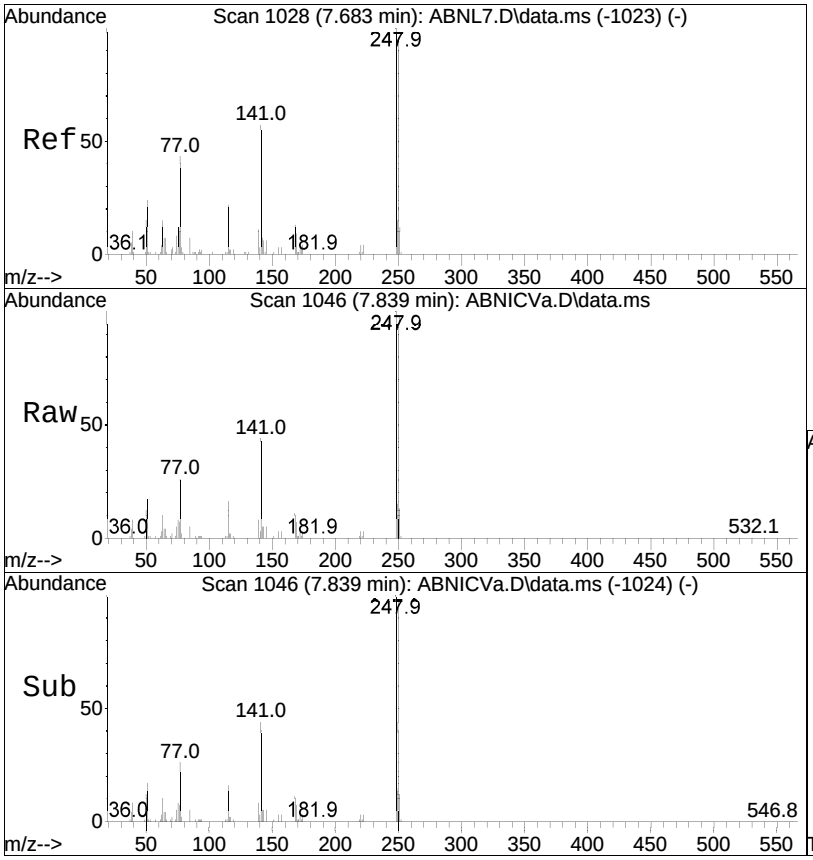


#78
Azobenzene
Concen: 40.80 ug/ml
RT: 7.551 min Scan# 997
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion: 77 Resp: 235373

Ion	Ratio	Lower	Upper
77	100		
182	37.0	19.0	28.6#
105	21.3	18.9	28.3

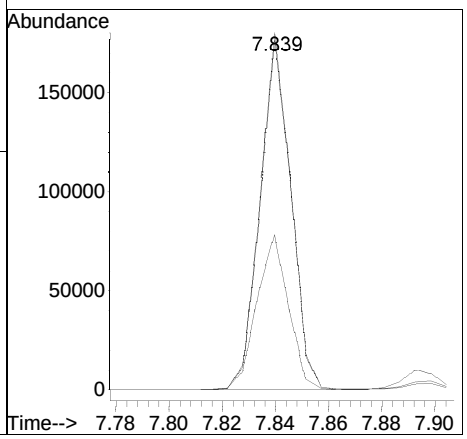


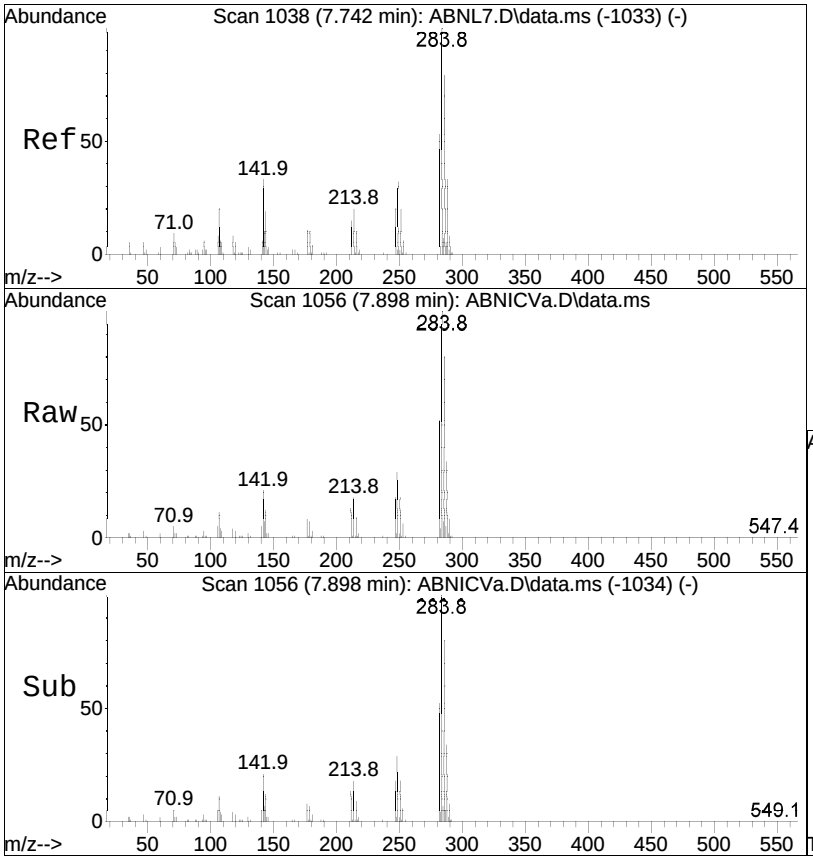


#80
4-Bromophenyl phenyl ether
Concen: 46.54 ug/ml
RT: 7.839 min Scan# 1046
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:248 Resp: 144506

Ion	Ratio	Lower	Upper
248	100		
141	44.7	50.8	76.2#
250	97.5	78.1	117.1

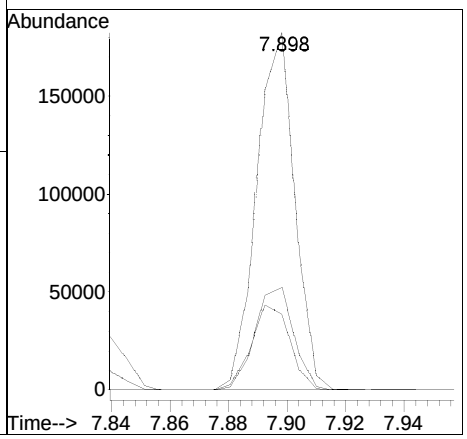


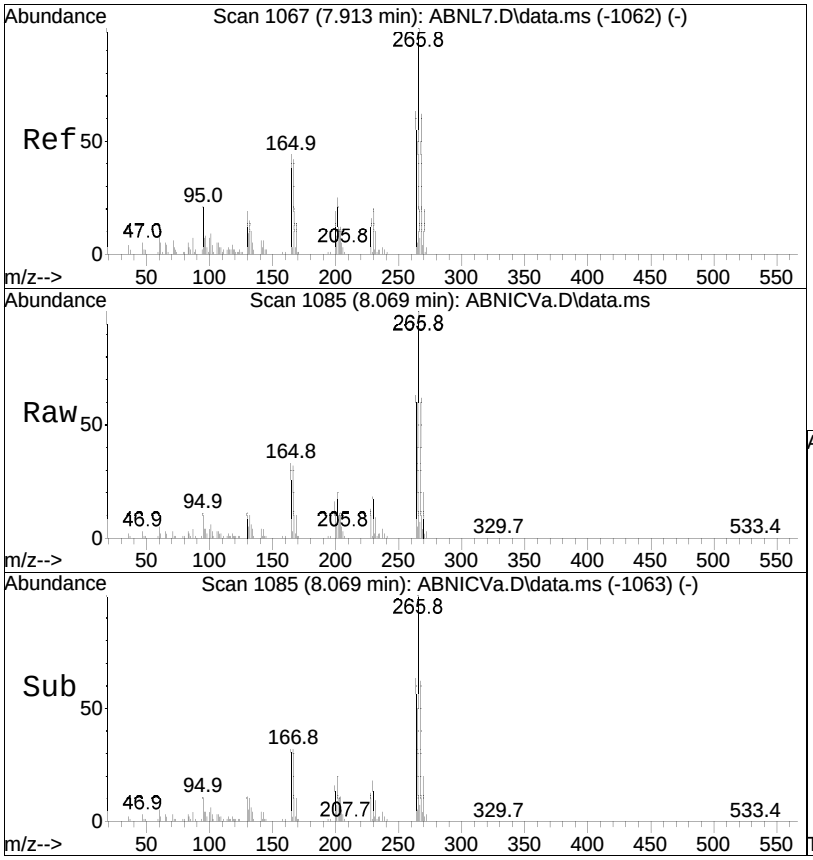


#81
Hexachlorobenzene
Concen: 47.79 ug/ml
RT: 7.898 min Scan# 1056
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:284 Resp: 164632

Ion	Ratio	Lower	Upper
284	100		
142	24.5	25.7	38.5#
249	29.6	23.3	34.9

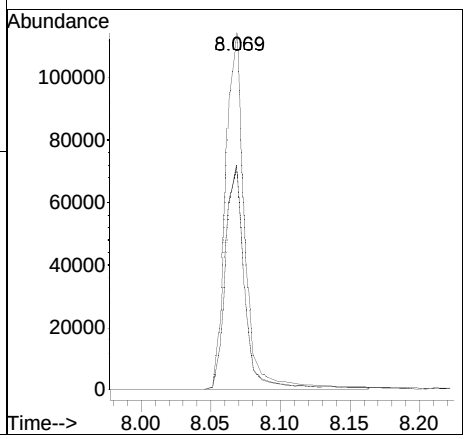


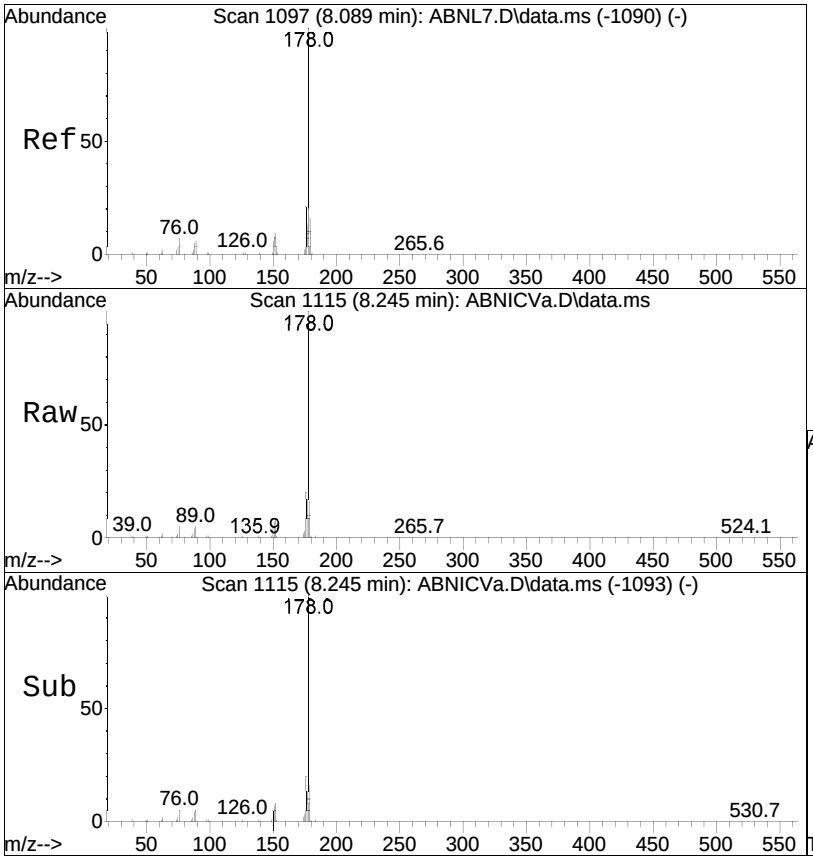


#82
Pentachlorophenol
Concen: 53.51 ug/ml
RT: 8.069 min Scan# 1085
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:266 Resp: 109350

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.4	75.6
268	63.3	49.9	74.9

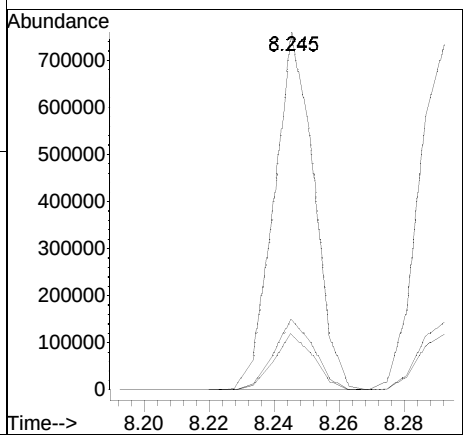


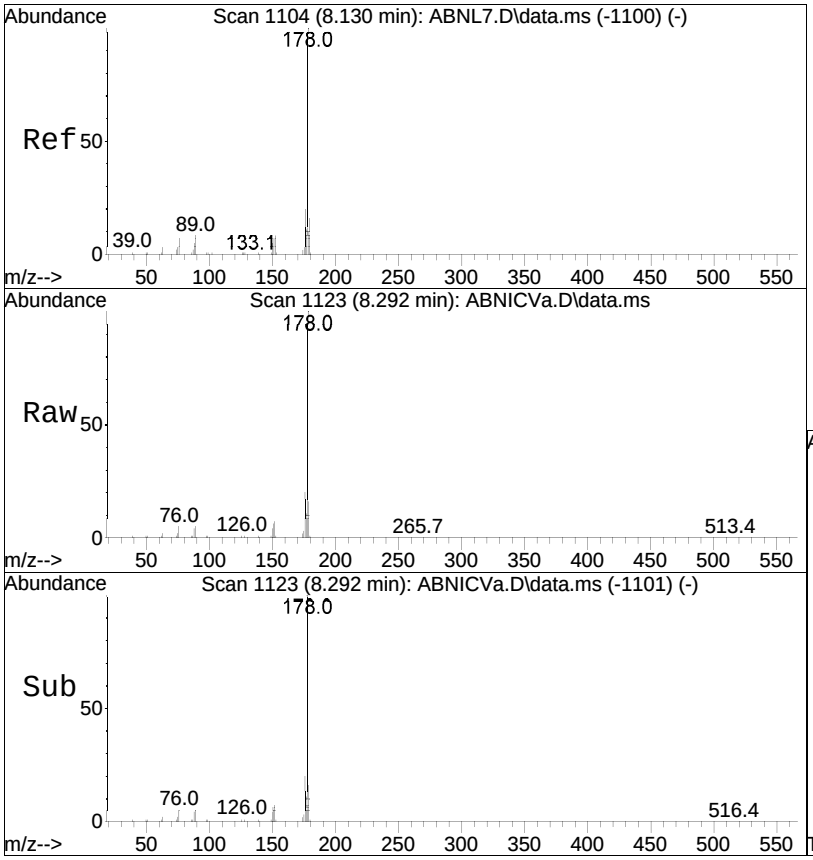


#89
Phenanthrene
Concen: 44.41 ug/ml
RT: 8.245 min Scan# 1115
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:178 Resp: 649432

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.3	19.9
176	19.7	16.9	25.3

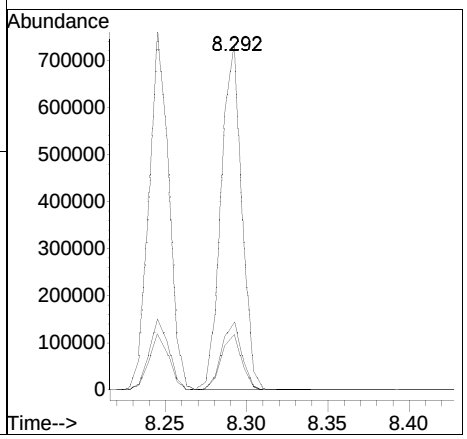


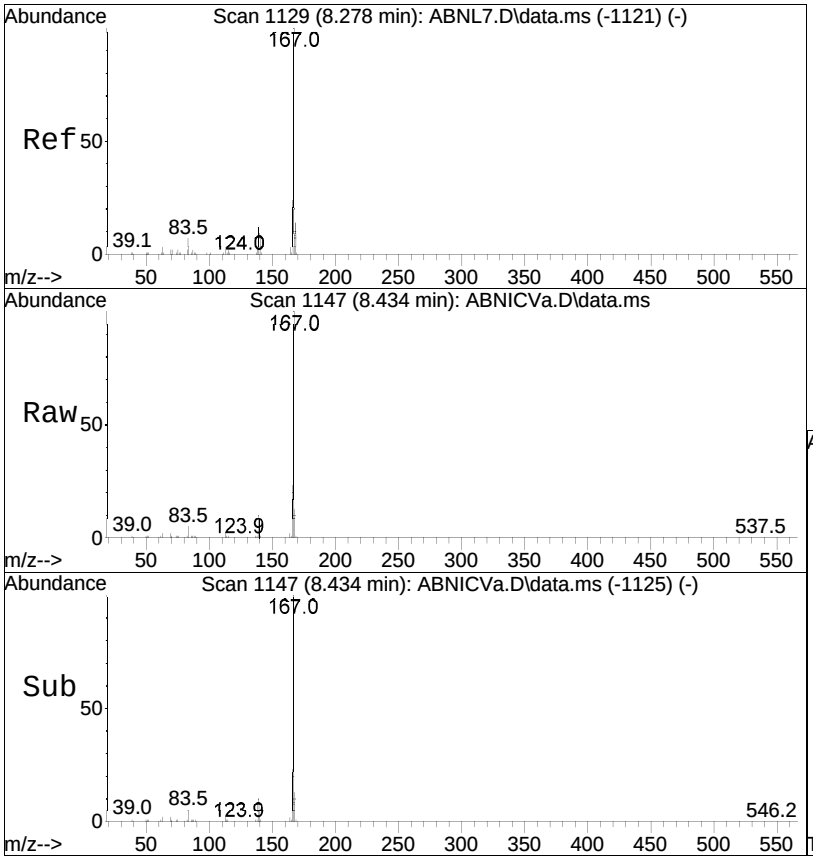


#90
Anthracene
Concen: 43.79 ug/ml
RT: 8.292 min Scan# 1123
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:178 Resp: 650341

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.1	19.7
176	19.5	16.3	24.5

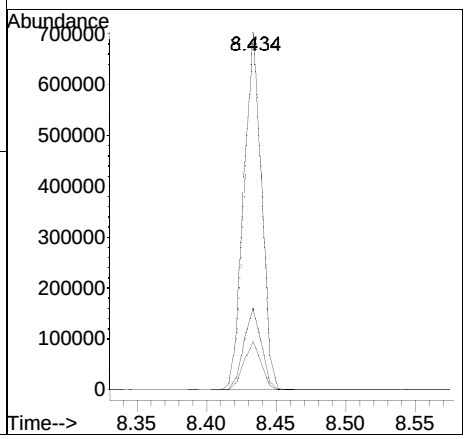


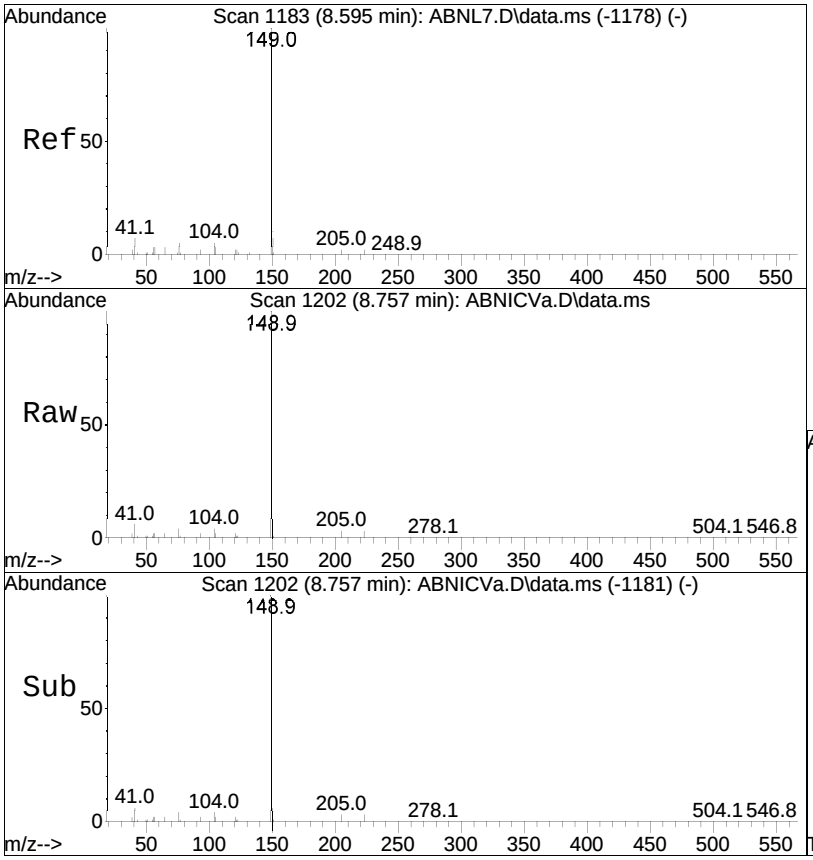


#91
Carbazole
Concen: 43.94 ug/ml
RT: 8.434 min Scan# 1147
Delta R.T. 0.007 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:167 Resp: 614174

Ion	Ratio	Lower	Upper
167	100		
168	13.6	11.6	17.4
166	22.9	19.9	29.9

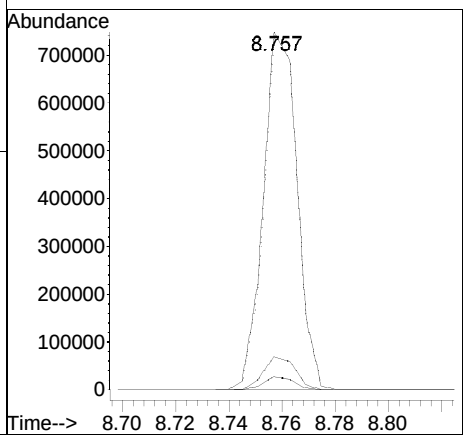


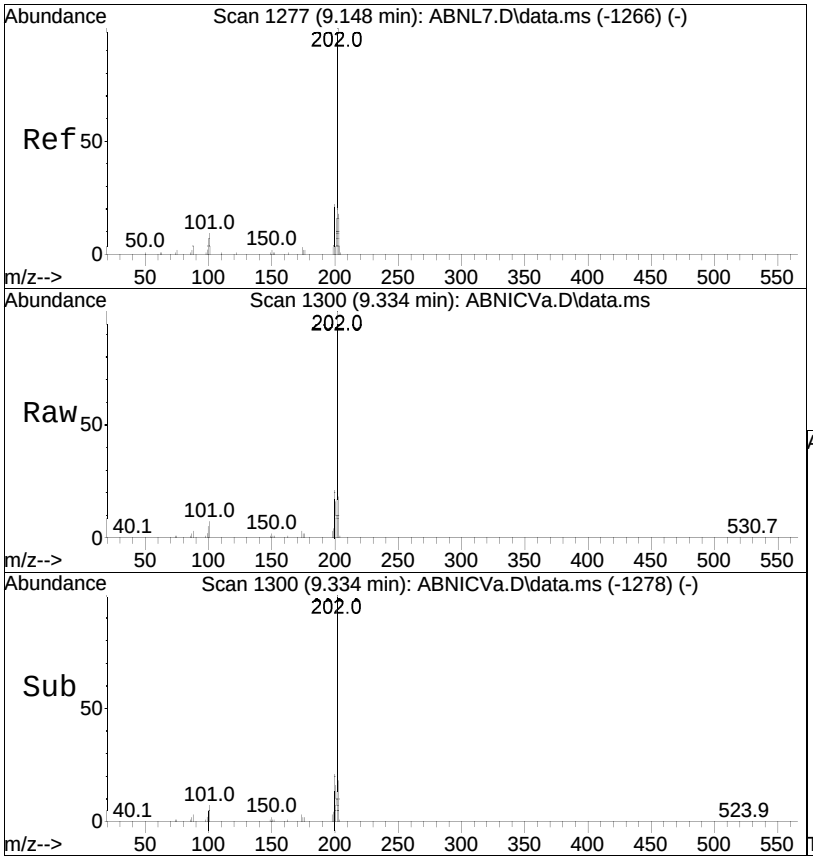


#92
Di-n-butylphthalate
Concen: 44.39 ug/ml
RT: 8.757 min Scan# 1202
Delta R.T. 0.000 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:149 Resp: 650247

Ion	Ratio	Lower	Upper
149	100		
150	8.9	8.1	12.1
104	3.5	3.4	5.2

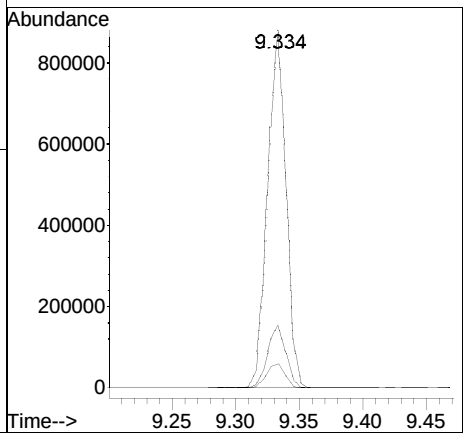


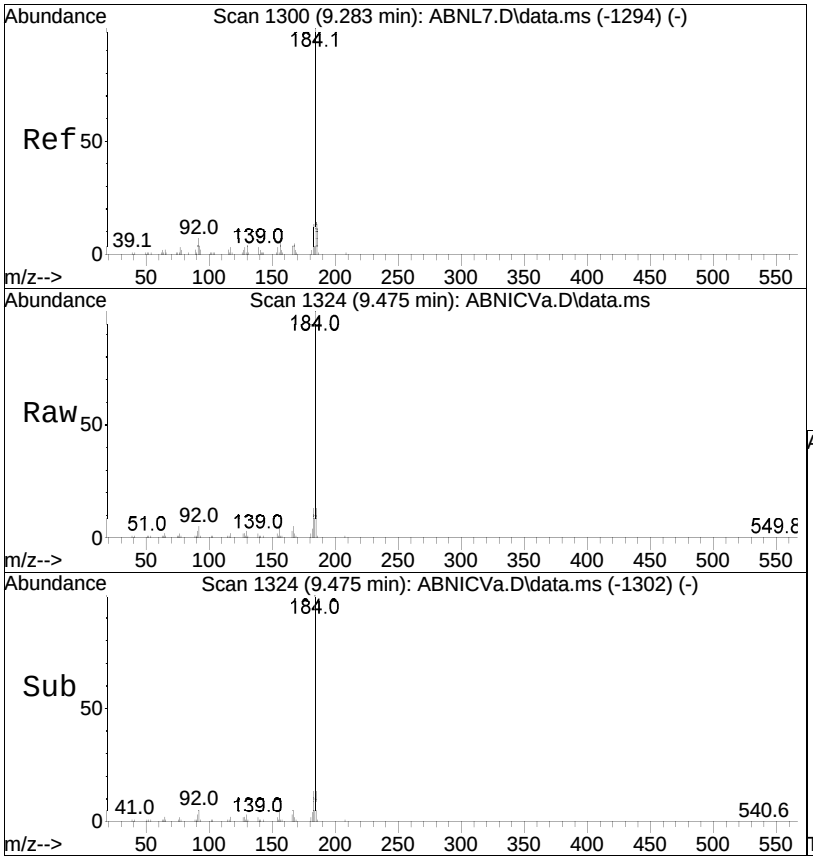


#93
Fluoranthene
Concen: 43.97 ug/ml
RT: 9.334 min Scan# 1300
Delta R.T. 0.007 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:202 Resp: 872310

Ion	Ratio	Lower	Upper
202	100		
101	6.9	11.5	17.3#
203	17.6	15.0	22.6

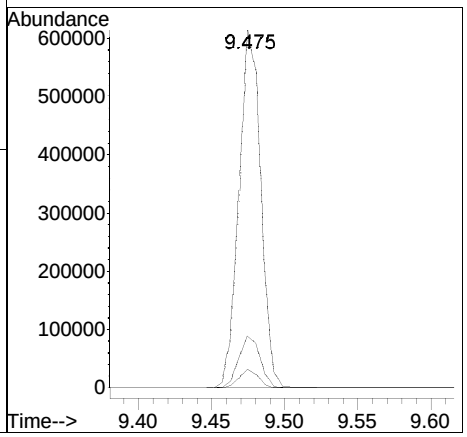


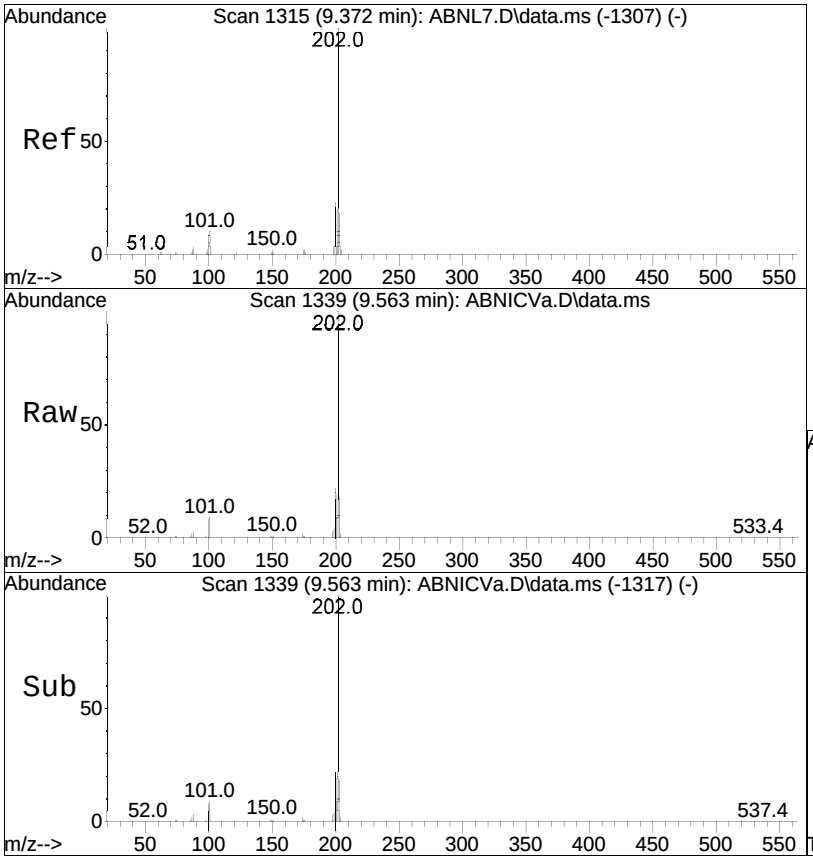


#94
Benzidine
Concen: 50.56 ug/ml
RT: 9.475 min Scan# 1324
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:184 Resp: 631149

Ion	Ratio	Lower	Upper
184	100		
92	4.8	7.4	11.2#
185	14.4	11.8	17.6

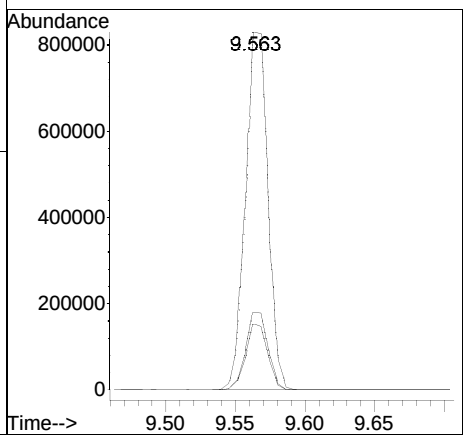


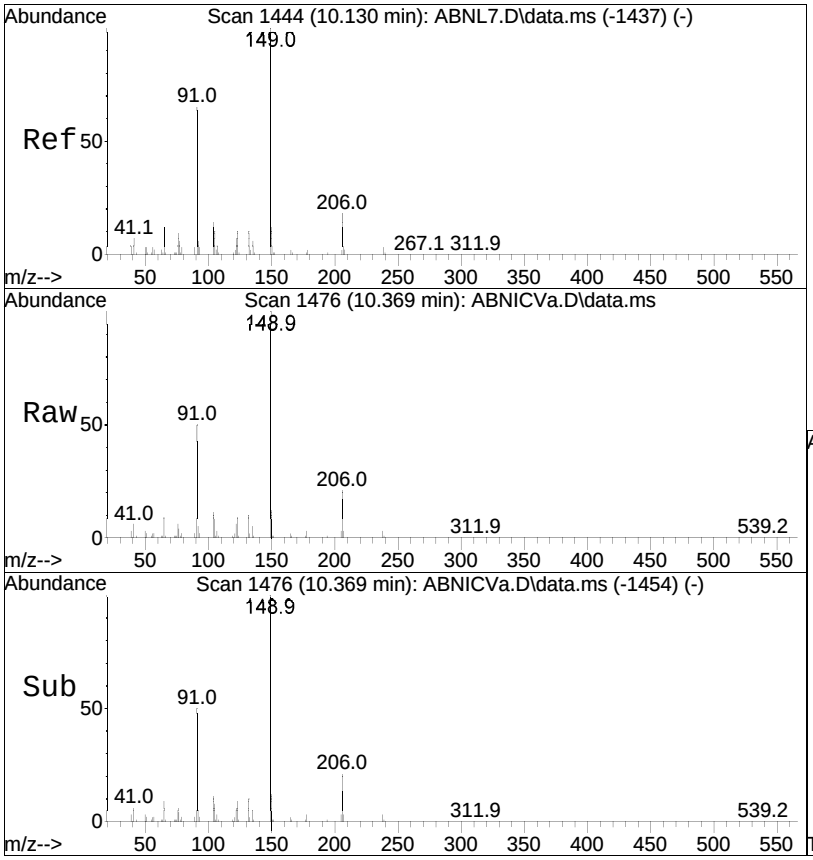


#95
Pyrene
Concen: 44.31 ug/ml
RT: 9.563 min Scan# 1339
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:202 Resp: 919625

Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.5	27.7
203	18.1	15.5	23.3

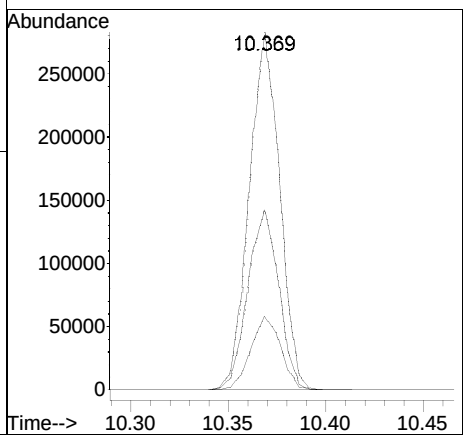


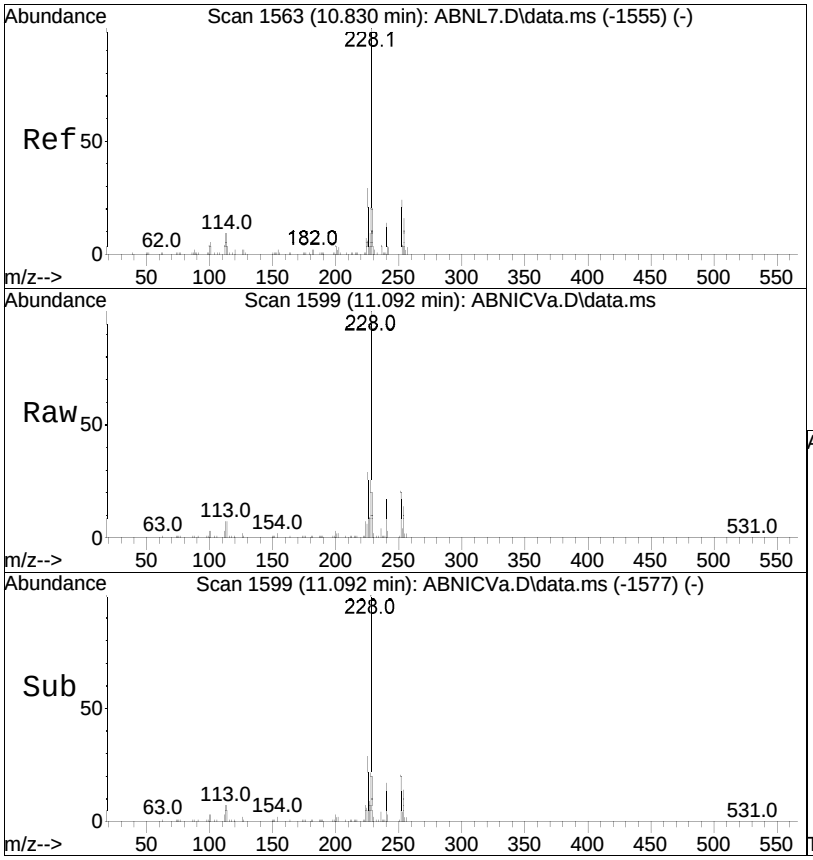


#97
Butyl benzyl phthalate
Concen: 45.65 ug/ml
RT: 10.369 min Scan# 1476
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:149 Resp: 303191

Ion	Ratio	Lower	Upper
149	100		
91	51.4	51.2	76.8
206	20.5	12.1	18.1#

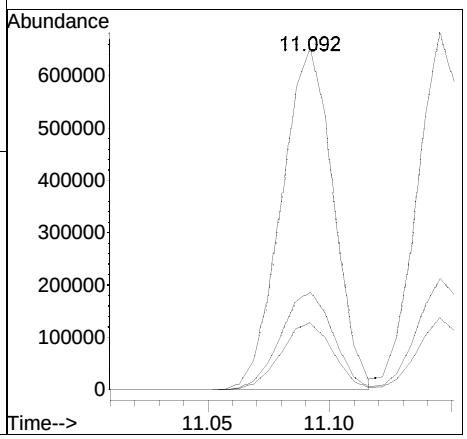


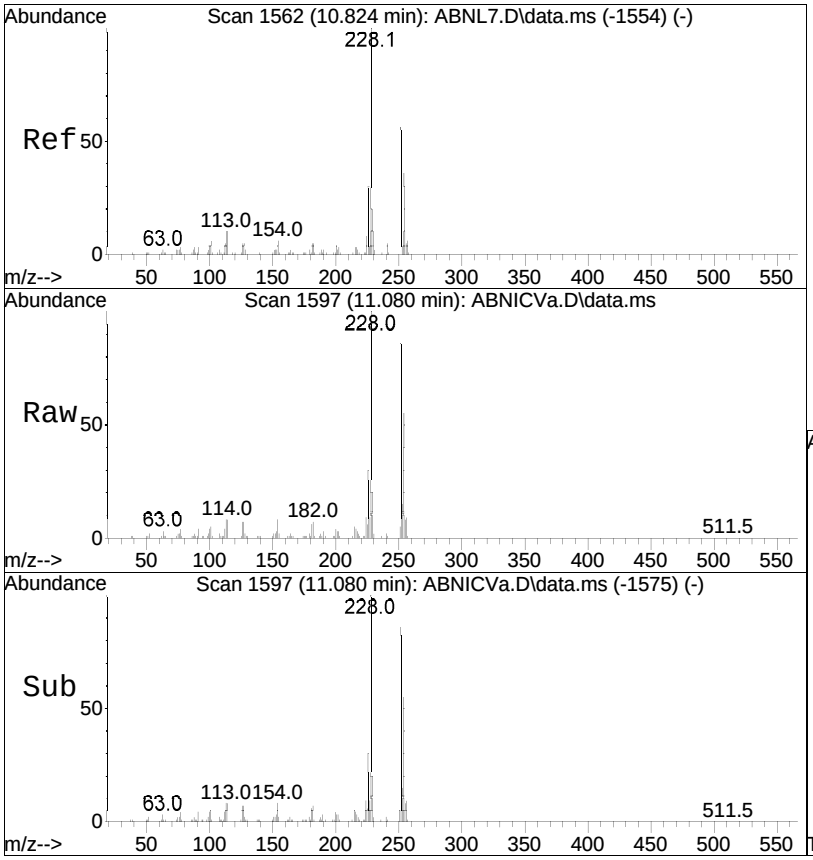


#105
Benzo(a)anthracene
Concen: 43.79 ug/ml
RT: 11.092 min Scan# 1599
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:228 Resp: 964807

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.8	35.8
229	19.7	16.6	24.8

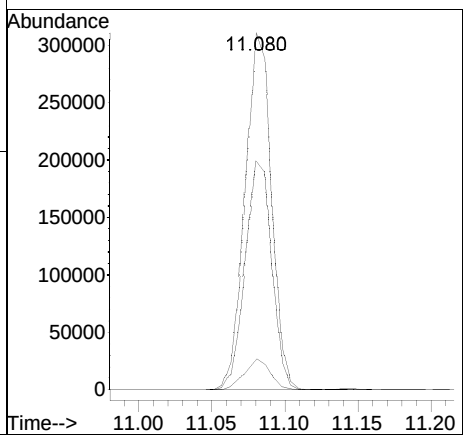


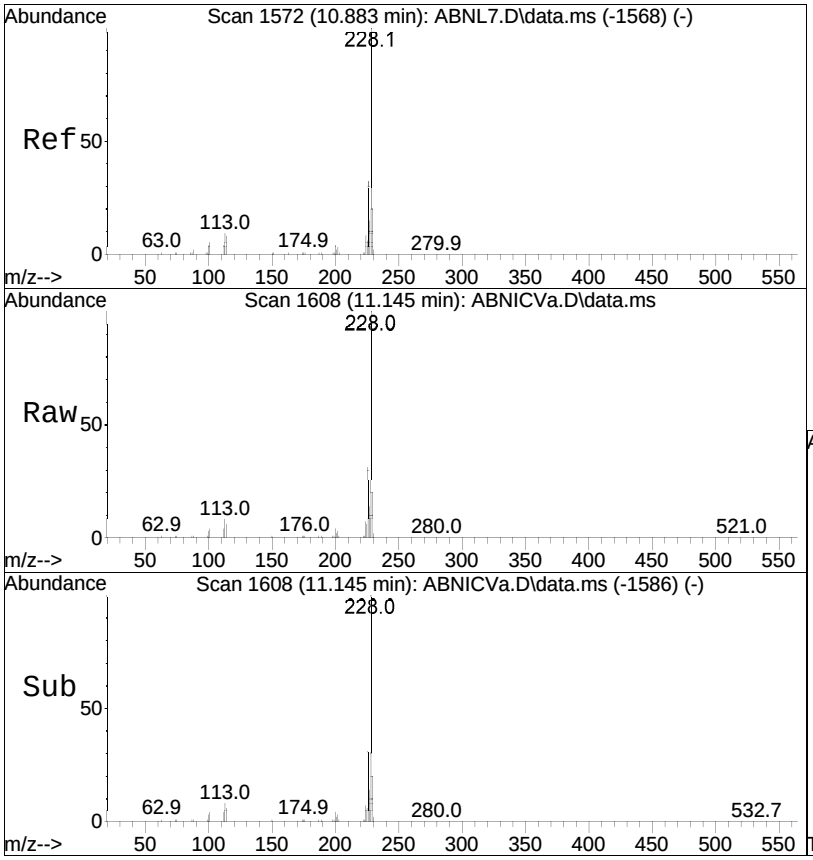


#106
3,3'-Dichlorobenzidine
Concen: 48.07 ug/ml
RT: 11.080 min Scan# 1597
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:252 Resp: 389996

Ion	Ratio	Lower	Upper
252	100		
126	8.7	11.6	17.4#
254	64.7	52.2	78.2

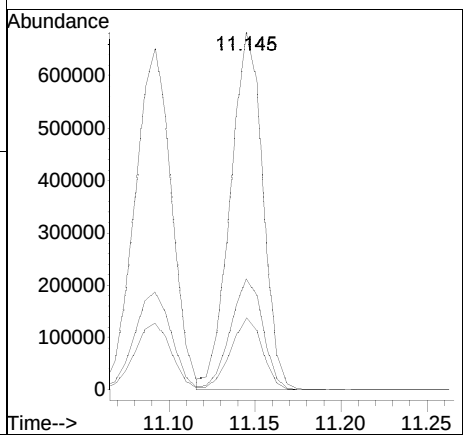


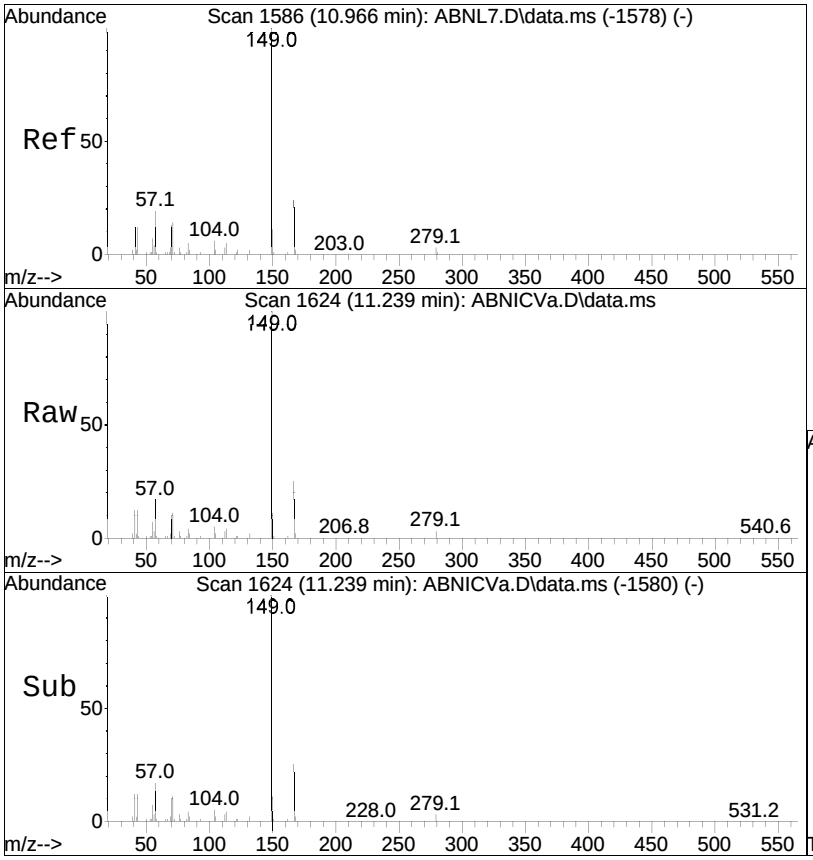


#107
Chrysene
Concen: 45.56 ug/ml
RT: 11.145 min Scan# 1608
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:228 Resp: 895171

Ion	Ratio	Lower	Upper
228	100		
226	31.2	26.2	39.4
229	19.7	16.7	25.1

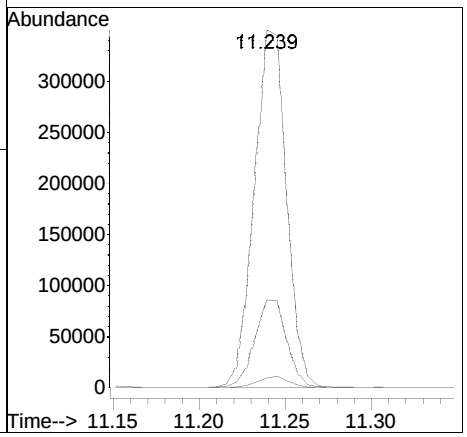


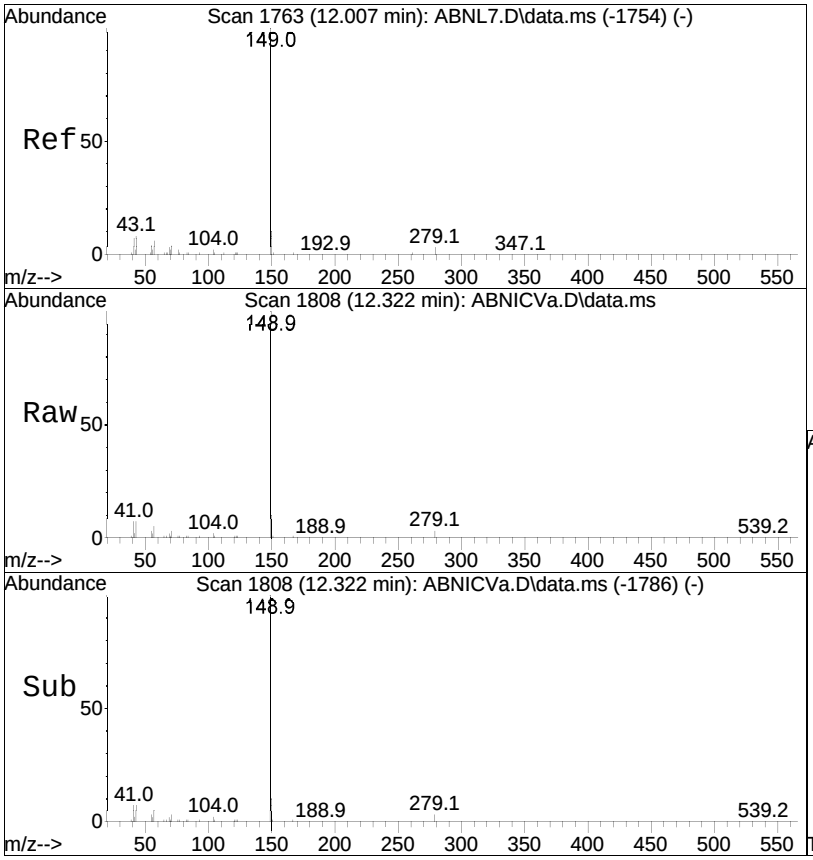


#108
Bis(2-ethylhexyl)phthalate
Concen: 47.49 ug/ml
RT: 11.239 min Scan# 1624
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:149 Resp: 450253

Ion	Ratio	Lower	Upper
149	100		
167	24.6	17.8	26.8
279	2.8	1.8	2.6#

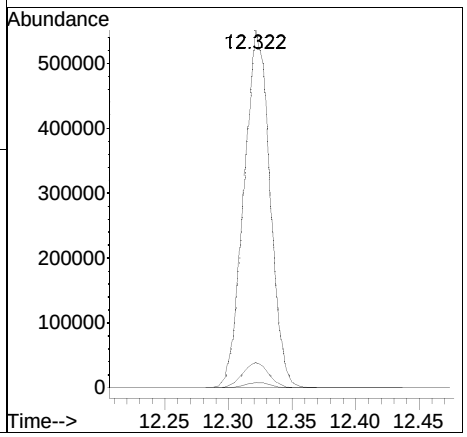


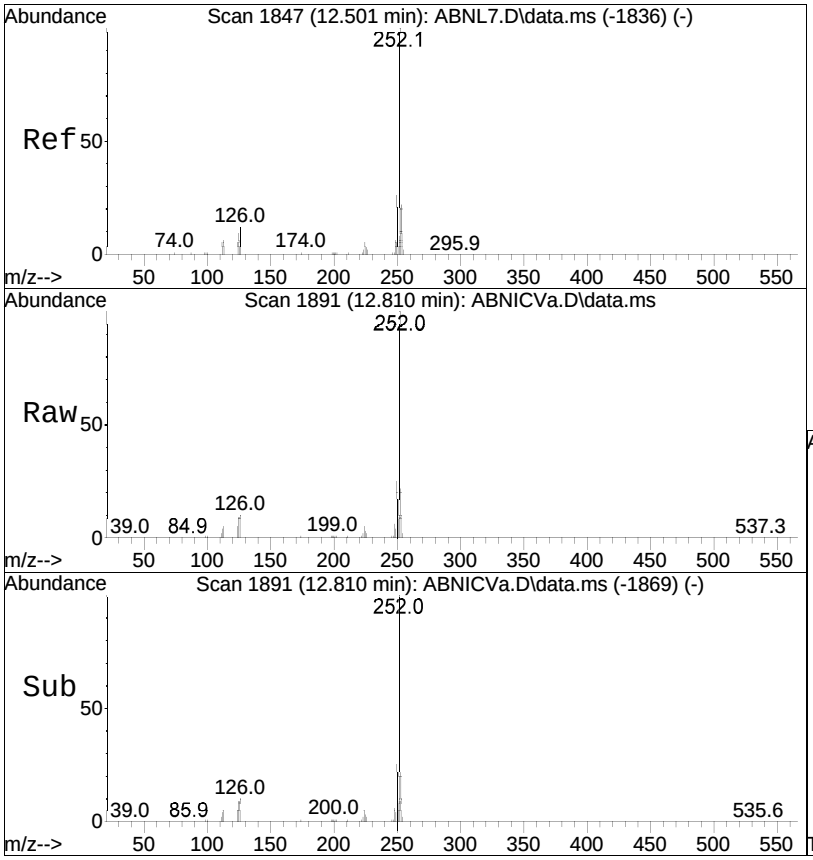


#109
Di-n-octylphthalate
Concen: 46.95 ug/ml
RT: 12.322 min Scan# 1808
Delta R.T. 0.007 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:149 Resp: 776955

Ion	Ratio	Lower	Upper
149	100		
43	7.1	7.4	11.2#
167	1.4	1.1	1.7

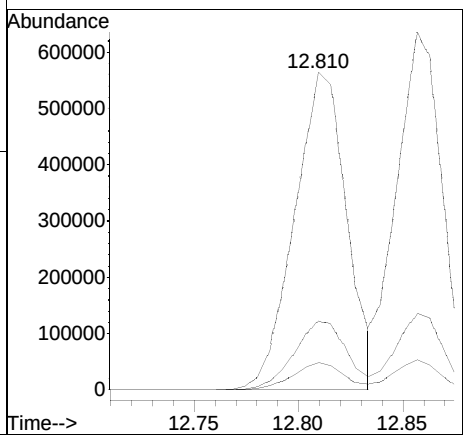


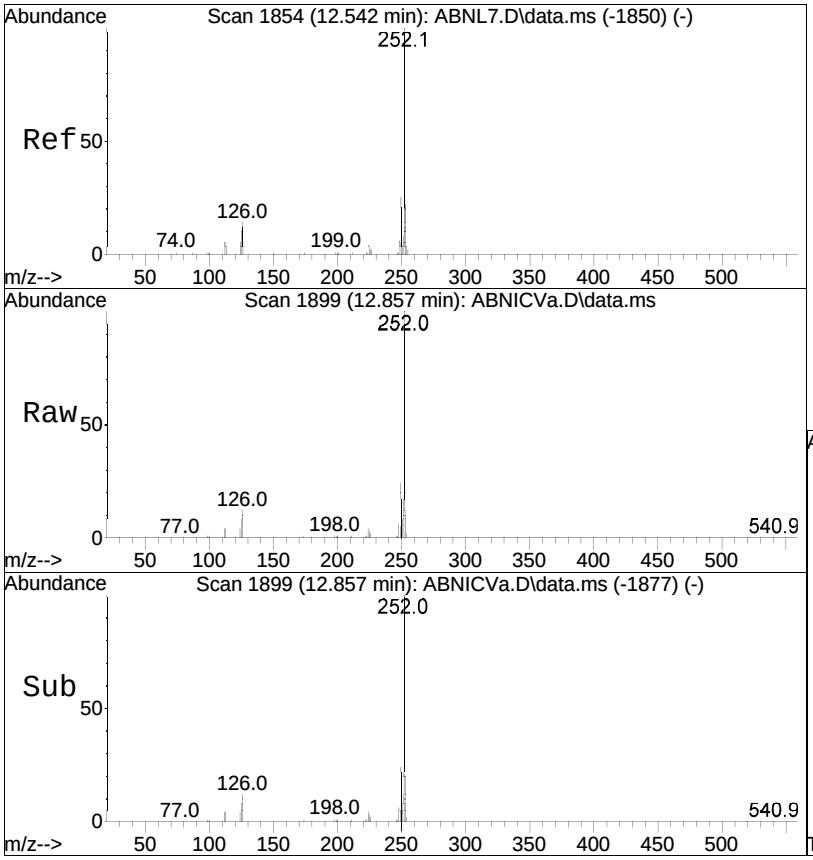


#110
Benzo(b)fluoranthene
Concen: 45.90 ug/ml
RT: 12.810 min Scan# 1891
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:252 Resp: 979577

Ion	Ratio	Lower	Upper
252	100		
125	8.4	11.1	16.7#
253	21.8	17.4	26.2

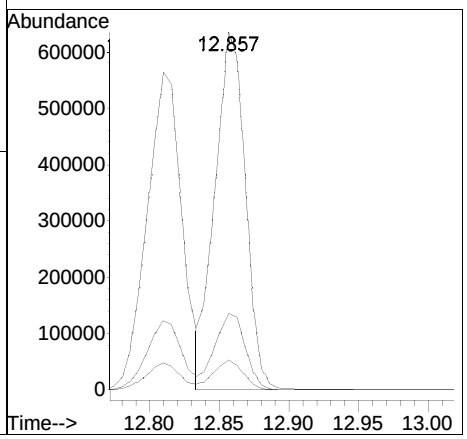


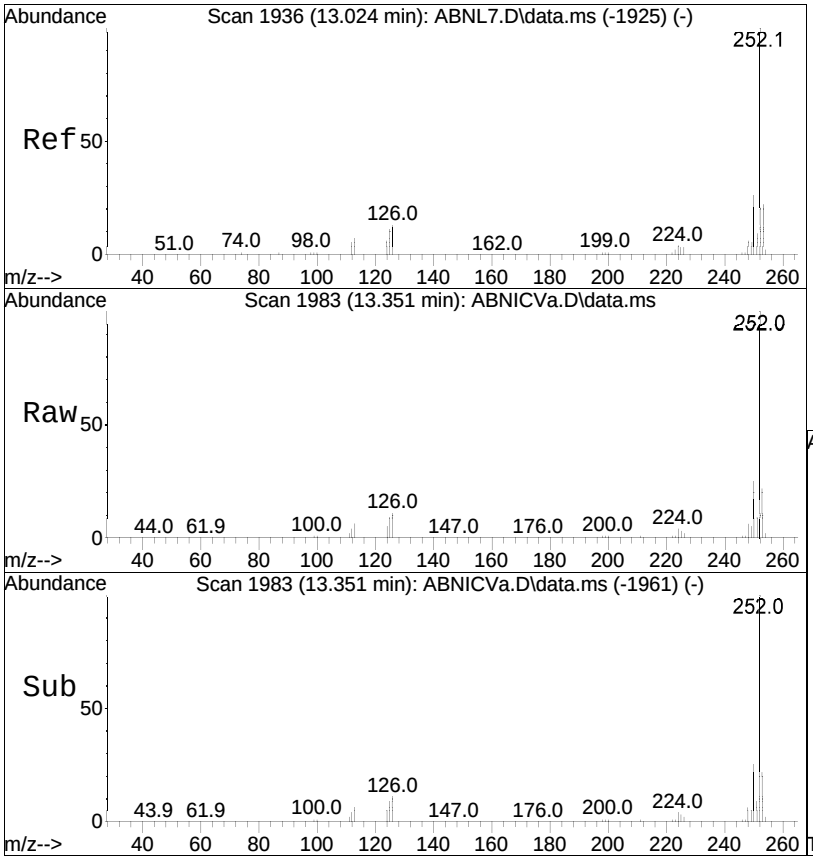


#111
Benzo(k)fluoranthene
Concen: 46.52 ug/ml
RT: 12.857 min Scan# 1899
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:252 Resp: 963110

Ion	Ratio	Lower	Upper
252	100		
125	8.1	12.3	18.5#
253	21.6	19.5	29.3

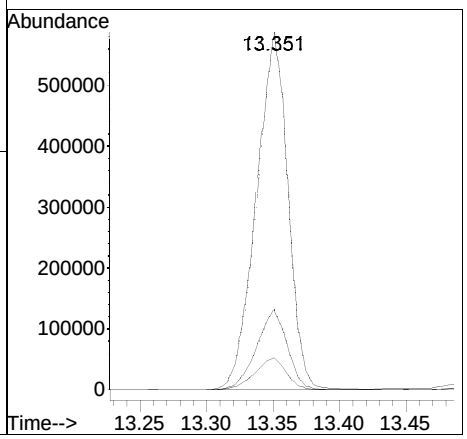


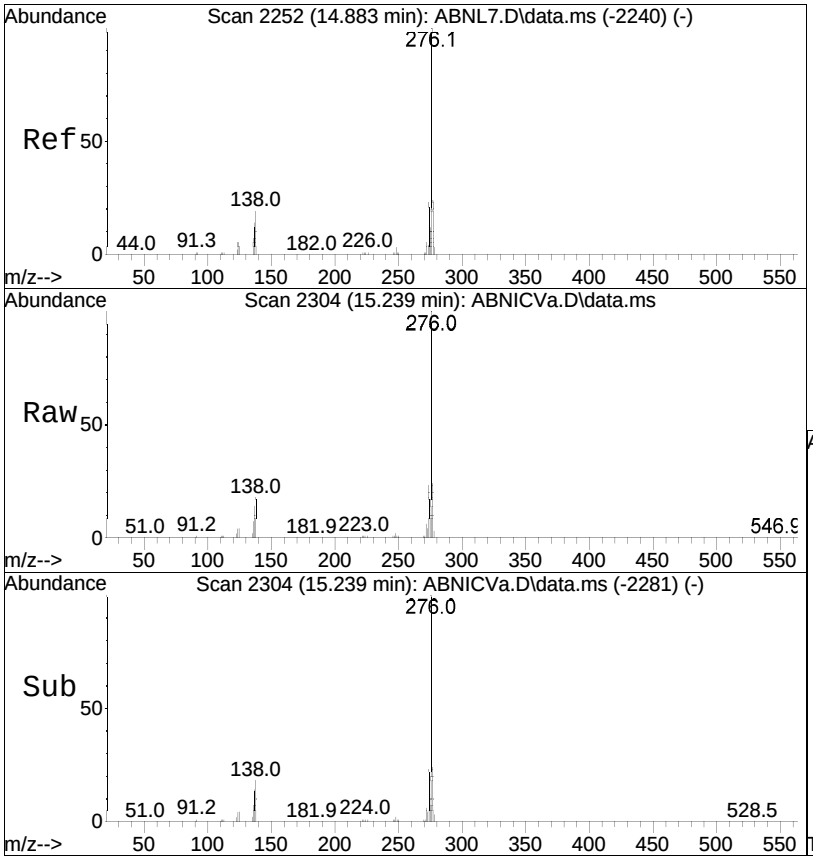


#112
Benzo(a)pyrene
Concen: 47.95 ug/ml
RT: 13.351 min Scan# 1983
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:252 Resp: 959852

Ion	Ratio	Lower	Upper
252	100		
125	9.0	12.6	19.0#
253	21.9	18.2	27.4

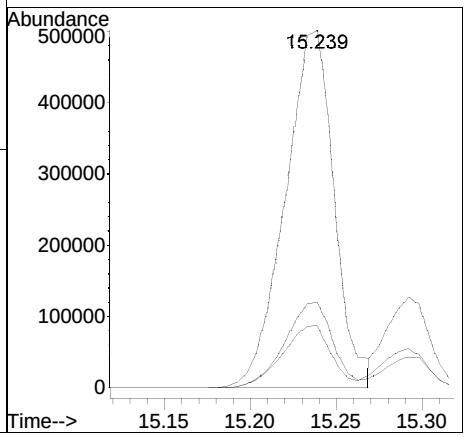


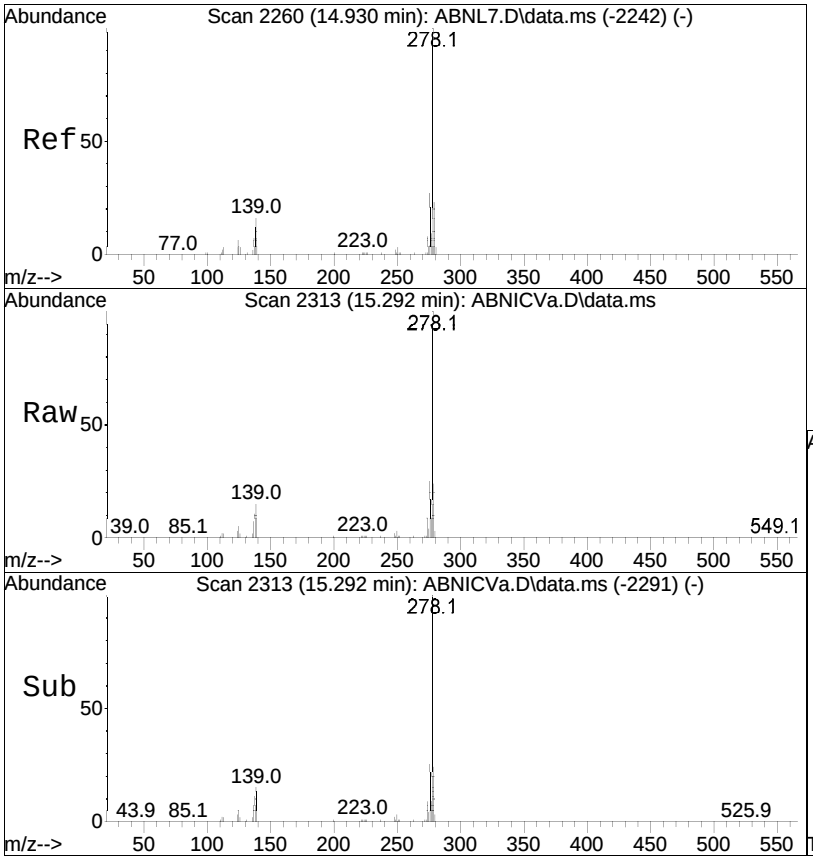


#114
Indeno(1,2,3-cd)pyrene
Concen: 46.44 ug/mL
RT: 15.239 min Scan# 2304
Delta R.T. 0.012 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:276 Resp: 986891

Ion	Ratio	Lower	Upper
276	100		
138	17.7	22.2	33.2#
277	23.6	20.1	30.1

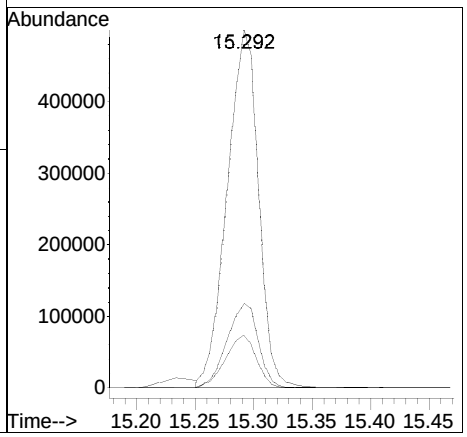


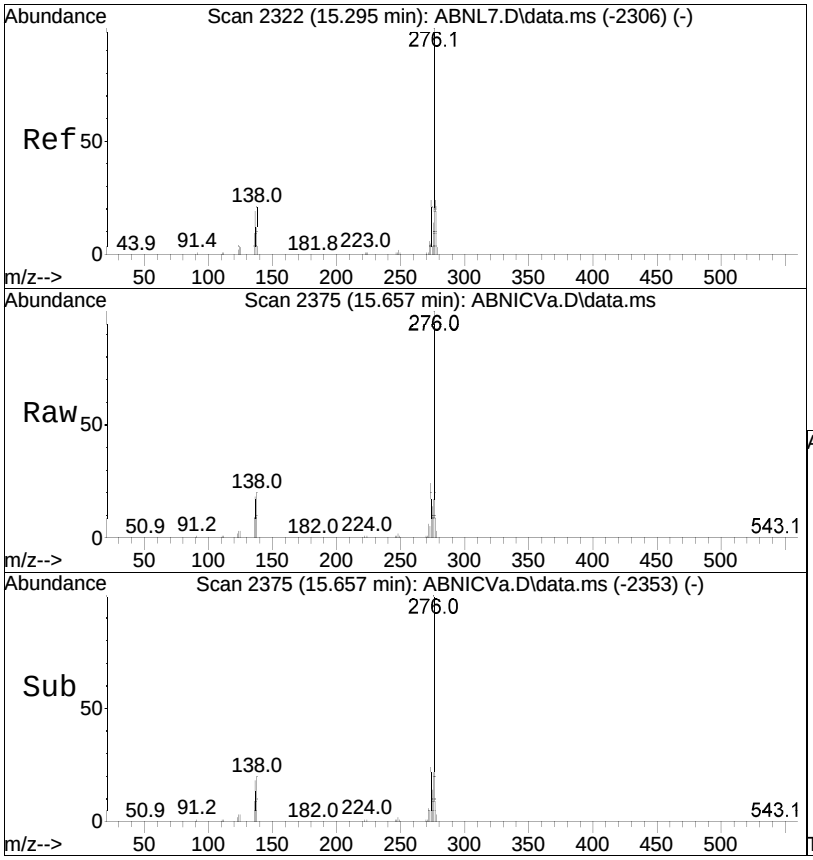


#115
Dibenzo(a,h)anthracene
Concen: 45.65 ug/ml
RT: 15.292 min Scan# 2313
Delta R.T. 0.006 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:278 Resp: 922463

Ion	Ratio	Lower	Upper
278	100		
139	14.7	17.4	26.2#
279	24.2	19.7	29.5

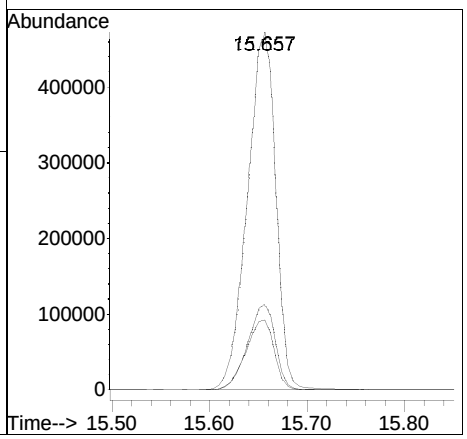




#116
Benzo(ghi)perylene
Concen: 46.14 ug/ml
RT: 15.657 min Scan# 2375
Delta R.T. 0.007 min
Lab File: ABNICVa.D
Acq: 15 Jun 2025 6:59 pm

Tgt Ion:276 Resp: 947153

Ion	Ratio	Lower	Upper
276	100		
138	19.6	24.2	36.4#
277	23.6	19.8	29.6



Manual Integration Report

Data Path	: I:\8270\Juliet\250614ical\	QMethod	: FS250614Juliet.m
Data File	: ABNICVa.D	Operator	: Juliet:slr
Date Inj'd	: 6/15/2025 6:59 pm	Instrument	: Juliet
Sample	: CQICV1,32,,ABNICV Lot# 116	Quant Date	: 6/16/2025 11:54 am

There are no manual integrations or false positives in this file.

Evaluate Relative Error Report Juliet

Method Path : I:\8270\Juliet\250614ical\
Method File : FS250614Juliet.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Jun 16 11:53:15 2025

	COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
37 T	Benzoic Acid	L	ug/ml	50.0	50.418	0.8	5.00	5.536	10.7
66 T	2,4-Dinitrophenol	L	ug/ml	50.0	46.888	-6.2	5.00	5.391	7.8
76 T	4,6-Dinitro-o-cresol	L	ug/ml	50.0	47.663	-4.7	2.00	2.335	16.8

Calibration Correlation Report

	COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
37 T	Benzoic Acid	Linear	0.999416	0.000000	0.236503	-0.0257187
66 T	2,4-Dinitrophenol	Linear	0.998386	0.000000	0.163868	-0.0138989
76 T	4,6-Dinitro-o-cresol	Linear	0.998170	0.000000	0.233476	-0.0100351

Response Factor Report GCMS5

Method Path : I:\8270\GCMS5\250731ICAL\
Method File : FS250731GCMS5.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Aug 04 13:59:34 2025
Response Via : Initial Calibration

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =ABNL7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	ISTD											
2)	t	N-Nitrosodimethylamine	0.743	0.713	0.707	0.743	0.751	0.766	0.745	0.760	0.770	0.743	0.744	2.78
3)	t	Pyridine	1.240	1.292	1.086	1.294	1.332	1.267	1.319	1.328	1.398	1.376	1.293	6.70
4)	S	2-Fluorophenol	1.061	1.023	1.061	1.083	1.103	1.145	1.135	1.173	1.188	1.195	1.117	5.33
5)	T	Aniline	1.748	1.816	1.788	1.861	1.934	2.024	1.993	2.088	2.113	2.099	1.946	7.02
6)	t	2-Chlorophenol	1.289	1.245	1.244	1.303	1.349	1.355	1.352	1.405	1.418	1.436	1.340	5.10
7)	S	Phenol-d6	1.424	1.328	1.335	1.458	1.487	1.575	1.545	1.632	1.646	1.641	1.507	7.98
8)	T	Phenol	1.656	1.541	1.441	1.506	1.530	1.621	1.605	1.660	1.685	1.624	1.587	4.95
9)	T	bis(2-Chloroethyl)ether	1.162	1.149	1.136	1.144	1.158	1.200	1.126	1.181	1.171	1.206	1.163	2.28
10)	T	1,3-Dichlorobenzene	1.697	1.503	1.506	1.496	1.503	1.562	1.536	1.583	1.607	1.668	1.566	4.61
11)	T	1,4-Dichlorobenzene	1.778	1.582	1.591	1.592	1.585	1.634	1.591	1.651	1.676	1.732	1.641	4.19
12)	T	1,2-Dichlorobenzene	1.644	1.460	1.458	1.498	1.509	1.575	1.532	1.668	1.698	1.748	1.579	6.59
13)	t	Benzyl alcohol	0.904	0.936	0.930	0.968	1.029	1.120	1.124	1.240	1.285	1.295	1.083	14.00
14)	T	bis(2-chloroisopropyl)ether	1.939	1.833	1.874	1.871	1.918	1.974	1.909	1.982	1.966	1.929	1.920	2.54
15)	T	2-Methylphenol	1.167	1.020	1.044	1.117	1.143	1.233	1.207	1.281	1.311	1.305	1.183	8.73
16)	T	Hexachloroethane	0.575	0.549	0.547	0.554	0.565	0.594	0.581	0.609	0.623	0.636	0.583	5.37
17)	T	n-Nitrosodi-n-propylamine	0.847	0.856	0.830	0.897	0.924	0.993	0.991	1.045	1.070	1.062	0.951	9.70
18)	T	3-Methylphenol/4-Methylphenol	1.165	1.116	1.132	1.200	1.244	1.309	1.306	1.376	1.434	1.432	1.271	9.32
19)	S	Nitrobenzene-d5	1.228	1.246	1.237	1.307	1.352	1.450	1.424	1.488	1.514	1.484	1.373	8.20
20)	T	Nitrobenzene	1.256	1.233	1.261	1.307	1.349	1.445	1.414	1.479	1.500	1.476	1.372	7.52
21)	T	Isophorone	2.194	2.190	2.240	2.402	2.467	2.656	2.630	2.731	2.786	2.714	2.501	9.33
22)	T	2-Nitrophenol	0.536	0.567	0.555	0.618	0.663	0.752	0.743	0.785	0.805	0.808	0.683	15.82
23)	T	2,4-Dimethylphenol	1.163	1.102	1.145	1.253	1.278	1.381	1.365	1.470	1.506	1.510	1.317	11.53
24)	T	bis(2-Chloroethoxy)methane	1.534	1.445	1.480	1.547	1.560	1.631	1.589	1.676	1.703	1.717	1.588	5.82
25)	T	2,4-Dichlorophenol	1.094	1.071	1.120	1.195	1.259	1.325	1.321	1.416	1.469	1.498	1.277	12.16
26)	T	1,2,4-Trichlorobenzene	1.663	1.440	1.393	1.429	1.424	1.513	1.459	1.567	1.588	1.638	1.512	6.40
27)	I	IS2_1,4-Dichlorobenzene-d4	ISTD											
28)	T	Benzaldehyde			0.794	0.795	0.799	0.789	0.783	0.828	0.843	0.845	*L	0.9994
29)	T	Acetophenone	1.671	1.686	1.623	1.613	1.664	1.608	1.679	1.790	1.807	1.811	1.695	4.67
30)	T	m-Toluidine				1.322	1.401	1.377	1.462	1.564	1.597	1.625	1.478	8.00
31)	T	2-Chloroaniline	1.441	1.482	1.482	1.496	1.575	1.515	1.588	1.694	1.709	1.747	1.573	6.93
32)	I	IS3_1,4-Dichlorobenzene-d4	ISTD											
33)	T	1,4-Dioxane	0.481	0.463	0.434	0.448	0.422	0.459	0.428	0.437	0.425	0.436	0.443	4.30
34)	T	n-Decane	1.341	1.226	1.254	1.239	1.196	1.291	1.245	1.289	1.323	1.350	1.275	4.05
35)	I	IS1_Naphthalene-d8	ISTD											
36)	T	Naphthalene	1.127	1.045	1.017	1.058	1.046	1.081	1.036	1.100	1.102	1.139	1.075	3.81
37)	T	Benzoic Acid					0.170	0.248	0.263	0.285	0.297	0.296	0.260	18.52
38)	T	4-Chloroaniline	0.133	0.117	0.119	0.128	0.133	0.138	0.136	0.142	0.145	0.150	0.134	7.99
39)	T	Hexachlorobutadiene	0.229	0.218	0.214	0.224	0.223	0.231	0.222	0.239	0.239	0.250	0.229	4.79
40)	T	p-Chloro-m-cresol	0.263	0.251	0.255	0.275	0.284	0.307	0.305	0.320	0.333	0.338	0.293	10.93
41)	T	2-Methylnaphthalene	0.658	0.622	0.611	0.642	0.638	0.677	0.662	0.704	0.724	0.754	0.669	6.83
42)	T	1-Methylnaphthalene	0.242	0.222	0.216	0.237	0.233	0.245	0.243	0.260	0.271	0.280	0.245	8.29
43)	T	Hexachlorocyclopentadiene	0.243	0.225	0.233	0.250	0.260	0.285	0.287	0.321	0.339	0.356	0.280	16.38
44)	T	2,4,6-Trichlorophenol	0.254	0.225	0.219	0.246	0.252	0.279	0.287	0.296	0.312	0.312	0.268	12.60
45)	T	2,4,5-Trichlorophenol	0.255	0.264	0.265	0.275	0.282	0.307	0.294	0.318	0.343	0.343	0.295	10.97

Response Factor Report GCMS5

Method Path : I:\8270\GCMS5\250731ICAL\
Method File : FS250731GCMS5.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Aug 04 13:59:34 2025
Response Via : Initial Calibration

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =ABNL7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
46)	S	2-Fluorobiphenyl	0.901	0.848	0.853	0.867	0.878	0.927	0.900	0.970	1.004	1.006	0.915	6.50
47)	T	2-Chloronaphthalene	0.760	0.721	0.714	0.742	0.732	0.785	0.761	0.802	0.839	0.854	0.771	6.26
48)	T	2-Nitroaniline		0.169	0.168	0.196	0.217	0.248	0.249	0.260	0.275	0.271	0.228	18.42
49)	T	1,4-Dinitrobenzene			0.075	0.092	0.102	0.117	0.119	0.124	0.133	0.130	0.112	18.16
50)	T	1,3-Dinitrobenzene			0.095	0.106	0.126	0.140	0.144	0.155	0.166	0.166	0.137	19.24
51)	T	Dimethyl phthalate	0.893	0.870	0.828	0.865	0.898	0.944	0.932	1.005	1.056	1.060	0.935	8.67
52)	T	Acenaphthylene	1.214	1.164	1.134	1.204	1.233	1.325	1.329	1.428	1.492	1.472	1.300	9.99
53)	T	2,6-Dinitrotoluene	0.147	0.152	0.150	0.168	0.185	0.198	0.199	0.206	0.218	0.215	0.184	14.98
54)	T	1,2-Dinitrobenzene		0.061	0.067	0.077	0.080	0.090	0.090	0.100	0.106	0.104	0.086	18.69
55)	I	IS2_Naphthalene-d8	ISTD											
56)	T	a-Terpineol	0.255	0.241	0.240	0.240	0.250	0.250	0.267	0.288	0.297	0.304	0.263	9.37
57)	T	3-Chloroaniline	0.120	0.126	0.127	0.128	0.130	0.123	0.131	0.139	0.139	0.145	0.131	6.08
58)	T	2,6-Dichlorophenol	0.266	0.262	0.269	0.279	0.287	0.283	0.301	0.328	0.328	0.347	0.295	10.08
59)	T	1-chloro-2-nitrobenzene	0.115	0.115	0.112	0.117	0.122	0.125	0.131	0.141	0.141	0.145	0.126	9.76
60)	T	Caprolactam			0.117	0.115	0.136	0.138	0.153	0.166	0.161	0.170	0.144	14.85
61)	T	1,2,4,5-Tetrachlorobenzene	0.411	0.380	0.388	0.377	0.388	0.356	0.372	0.398	0.406	0.422	0.390	5.07
62)	T	Biphenyl	0.890	0.852	0.870	0.854	0.872	0.821	0.862	0.924	0.936	0.977	0.886	5.27
63)	I	IS1_Acenaphthene-d10	ISTD											
64)	T	3-Nitroaniline	0.277	0.274	0.294	0.314	0.339	0.356	0.360	0.370	0.380	0.384	0.335	12.60
65)	T	Acenaphthene	1.147	1.094	1.071	1.100	1.106	1.155	1.145	1.223	1.252	1.296	1.159	6.43
66)	T	2,4-Dinitrophenol				0.122	0.166	0.205	0.217	0.238	0.249	0.250	*L	0.9988
67)	T	Dibenzofuran	1.930	1.792	1.749	1.775	1.788	1.860	1.887	2.024	2.063	2.064	1.893	6.44
68)	T	2,4-Dinitrotoluene		0.327	0.346	0.390	0.426	0.472	0.488	0.543	0.576	0.575	*L	0.9969
69)	T	4-Nitrophenol	0.228	0.208	0.224	0.252	0.262	0.284	0.288	0.287	0.292	0.295	0.262	12.36
70)	T	2,3,5,6-Tetrachlorophenol	0.350	0.356	0.360	0.383	0.409	0.438	0.445	0.484	0.502	0.513	0.424	14.57
71)	T	2,3,4,6-Tetrachlorophenol	0.384	0.370	0.365	0.383	0.405	0.428	0.426	0.463	0.481	0.489	0.419	10.87
72)	T	Diethyl phthalate	1.409	1.384	1.336	1.405	1.423	1.505	1.482	1.509	1.582	1.602	1.464	5.95
73)	T	Fluorene	1.446	1.383	1.359	1.399	1.448	1.540	1.560	1.693	1.764	1.788	1.538	10.39
74)	T	4-Chlorophenyl-phenylether	0.701	0.677	0.673	0.699	0.700	0.739	0.739	0.803	0.831	0.848	0.741	8.67
75)	T	4-Nitroaniline	0.289	0.295	0.310	0.335	0.361	0.392	0.399	0.401	0.393	0.387	0.356	12.68
76)	T	4,6-Dinitro-o-cresol				0.196	0.233	0.286	0.296	0.316	0.332	0.329	0.284	18.10
77)	T	NDPA/DPA	1.169	1.172	1.123	1.210	1.222	1.320	1.313	1.383	1.433	1.463	1.281	9.28
78)	T	Azobenzene	1.269	1.176	1.189	1.272	1.307	1.386	1.362	1.385	1.411	1.434	1.319	6.90
79)	S	2,4,6-Tribromophenol	0.216	0.203	0.226	0.231	0.238	0.250	0.252	0.281	0.290	0.311	0.250	13.87
80)	T	4-Bromophenyl-phenylether	0.479	0.433	0.419	0.440	0.450	0.463	0.463	0.517	0.532	0.555	0.475	9.52
81)	T	Hexachlorobenzene	0.562	0.560	0.522	0.543	0.520	0.545	0.542	0.586	0.609	0.639	0.563	6.80
82)	T	Pentachlorophenol			0.263	0.287	0.326	0.373	0.385	0.418	0.447	0.458	*L	0.9970
83)	I	IS2_Acenaphthene-d10	ISTD											
84)	T	Dichloran				0.117	0.146	0.162	0.193	0.219	0.226	0.244	*L	0.9946
85)	T	Pentachloronitrobenzene				0.133	0.163	0.169	0.190	0.209	0.213	0.232	0.187	18.39
86)	I	IS3_Acenaphthene-d10	ISTD											
87)	T	Atrazine			0.304	0.323	0.365	0.443	0.435	0.484	0.484	0.501	*L	0.9985
88)	I	IS1_Phenanthrene-d10	ISTD											
89)	T	Phenanthrene	1.228	1.133	1.110	1.129	1.134	1.193	1.171	1.251	1.254	1.258	1.186	4.92
90)	T	Anthracene	1.156	1.088	1.075	1.089	1.127	1.204	1.202	1.295	1.306	1.308	1.185	7.83

Response Factor Report GCMS5

Method Path : I:\8270\GCMS5\250731ICAL\
Method File : FS250731GCMS5.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Aug 04 13:59:34 2025
Response Via : Initial Calibration

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =ABNL7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

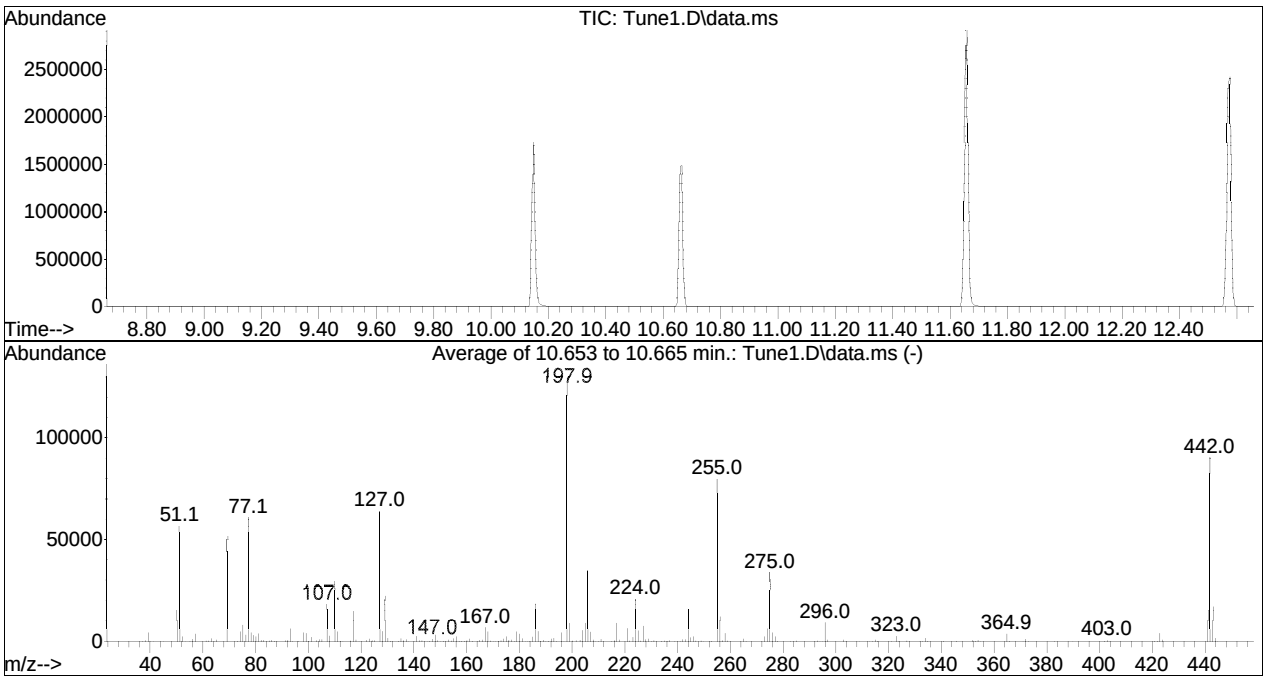
		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
91)	T	Carbazole	1.049	1.030	0.992	1.057	1.090	1.149	1.134	1.219	1.234	1.252	1.121	8.19
92)	T	Di-n-butylphthalate	0.997	0.998	0.985	1.095	1.158	1.301	1.280	1.397	1.391	1.383	1.199	14.34
93)	T	Fluoranthene	1.313	1.226	1.221	1.303	1.324	1.428	1.450	1.562	1.576	1.527	1.393	9.60
94)	T	Benzidine				0.698	0.784	0.908	0.942	1.053	1.086	1.102	0.939	16.48
95)	T	Pyrene	1.440	1.370	1.323	1.411	1.430	1.547	1.570	1.676	1.677	1.632	1.508	8.60
96)	S	4-Terphenyl-d14	1.079	1.048	1.017	1.055	1.055	1.162	1.180	1.287	1.301	1.302	1.149	9.93
97)	T	Butyl benzyl phthalate				0.460	0.516	0.609	0.622	0.693	0.714	0.728	0.620	16.43
98)	I	IS2_Phenanthrene-d10	----------ISTD----------											
99)	T	Diphenamid	0.406	0.400	0.412	0.416	0.466	0.460	0.505	0.559	0.586	0.606	0.482	16.23
100)	I	IS3_Phenanthrene-d10	----------ISTD----------											
101)	T	n-Octadecane		0.296	0.302	0.324	0.351	0.401	0.394	0.417	0.435	0.451	0.375	15.46
102)	T	Parathion				0.056	0.069	0.104	0.118	0.145	0.154	0.161	*Q	0.9990
103)	T	3,3'-Dimethylbenzidine					0.688	0.924	0.964	1.077	1.135	1.118	0.984	17.09
104)	I	IS1_Chrysene-d12	----------ISTD----------											
105)	T	Benzo[a]anthracene	1.413	1.292	1.300	1.324	1.348	1.430	1.372	1.409	1.319	1.292	1.350	3.92
106)	T	3,3'-Dichlorobenzidine	0.352	0.381	0.400	0.447	0.481	0.525	0.529	0.576	0.565	0.565	0.482	17.18
107)	T	Chrysene	1.365	1.250	1.227	1.220	1.237	1.258	1.217	1.253	1.205	1.169	1.240	4.12
108)	T	bis(2-Ethylhexyl)phthalate		0.484	0.554	0.620	0.681	0.769	0.723	0.785	0.772	0.784	0.686	16.11
109)	T	Di-n-octylphthalate			0.785	0.909	1.077	1.271	1.223	1.323	1.268	1.250	1.138	17.24
110)	T	Benzo(b)fluoranthene	1.197	1.172	1.187	1.316	1.329	1.396	1.284	1.422	1.417	1.350	1.307	7.25
111)	T	Benzo(k)fluoranthene	1.326	1.249	1.303	1.242	1.300	1.361	1.351	1.358	1.285	1.345	1.312	3.33
112)	T	Benzo(a)pyrene	1.159	1.132	1.156	1.198	1.251	1.337	1.250	1.314	1.285	1.293	1.237	5.84
113)	I	IS1_Perylene-d12	----------ISTD----------											
114)	T	Indeno(1,2,3-cd)pyrene	0.923	1.008	0.932	0.990	1.087	1.211	1.280	1.391	1.337	1.401	1.156	16.43
115)	T	Dibenzo[a,h]anthracene	1.032	1.015	1.036	1.060	1.087	1.195	1.233	1.371	1.346	1.387	1.176	12.76
116)	T	Benzo(g,h,i)perylene	1.045	1.044	1.043	1.063	1.085	1.168	1.182	1.222	1.161	1.204	1.122	6.45

(#) = Out of Range

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : Tune1.D
Acq On : 31 Jul 2025 9:49 pm
Operator : GCMS5:cmm
Sample : Tune 1 Lot # 11649
Misc : WG2098562,,
ALS Vial : 100 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Aug 04 06:17:25 2025



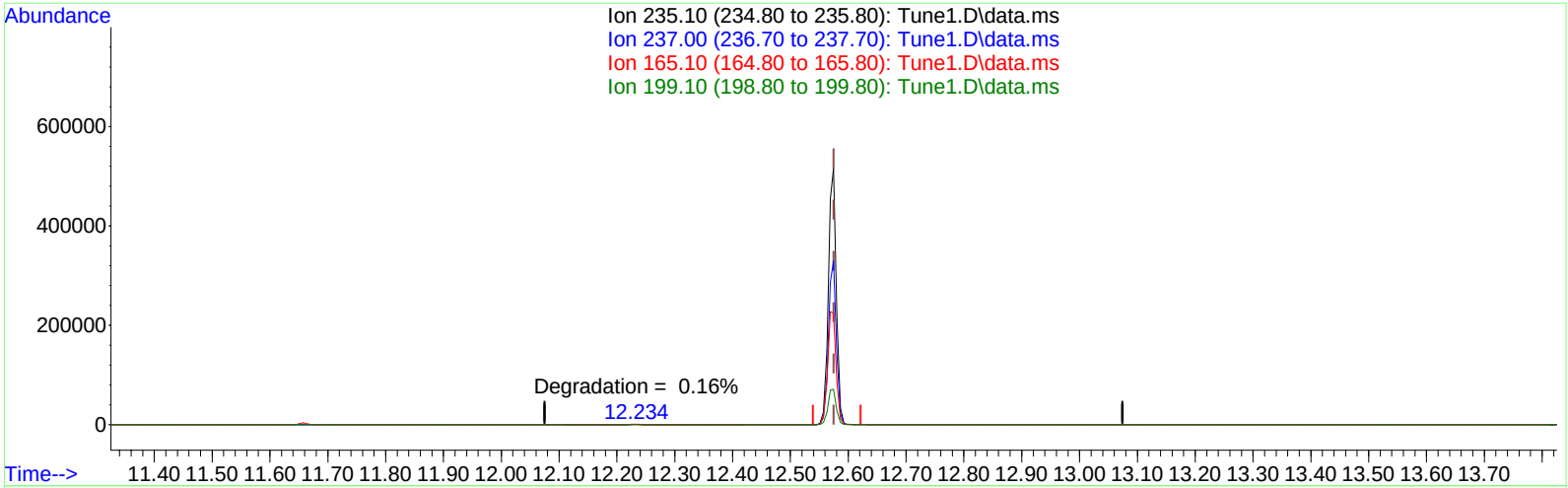
Spectrum Information: Average of 10.653 to 10.665 min.

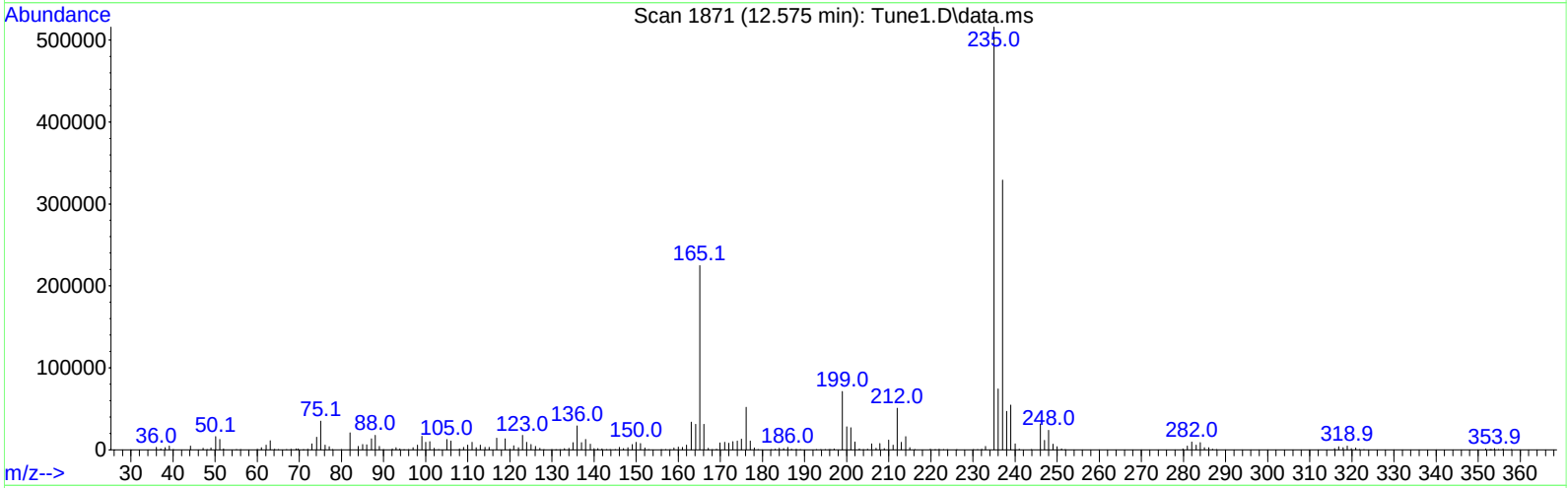
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	43.6	56544	PASS
68	69	0.00	2	0.0	0	PASS
69	69	100	100	100.0	51547	PASS
70	69	0.00	2	0.2	94	PASS
127	198	10	80	49.3	63955	PASS
197	198	0.00	2	0.1	154	PASS
198	198	100	100	100.0	129613	PASS
199	198	5	9	6.7	8642	PASS
275	198	10	60	25.8	33503	PASS
365	198	1	100	3.0	3850	PASS
441	442	0.01	24	16.7	15068	PASS
442	198	50	100	69.6	90209	PASS
443	442	15	24	18.7	16892	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : Tune1.D
Acq On : 31 Jul 2025 9:49 pm
Operator : GCMS5:cmm
Sample : Tune 1 Lot # 11649
Misc : WG2098562,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Aug 04 06:18:10 2025
Quant Method : I:\8270\GCMS5\250731ICAL\DftppGCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 06:19:03 2025
Response via : Initial Calibration





TIC: Tune1.D\data.ms

(6) DDT (T)

12.575min (-0.000) 80.65

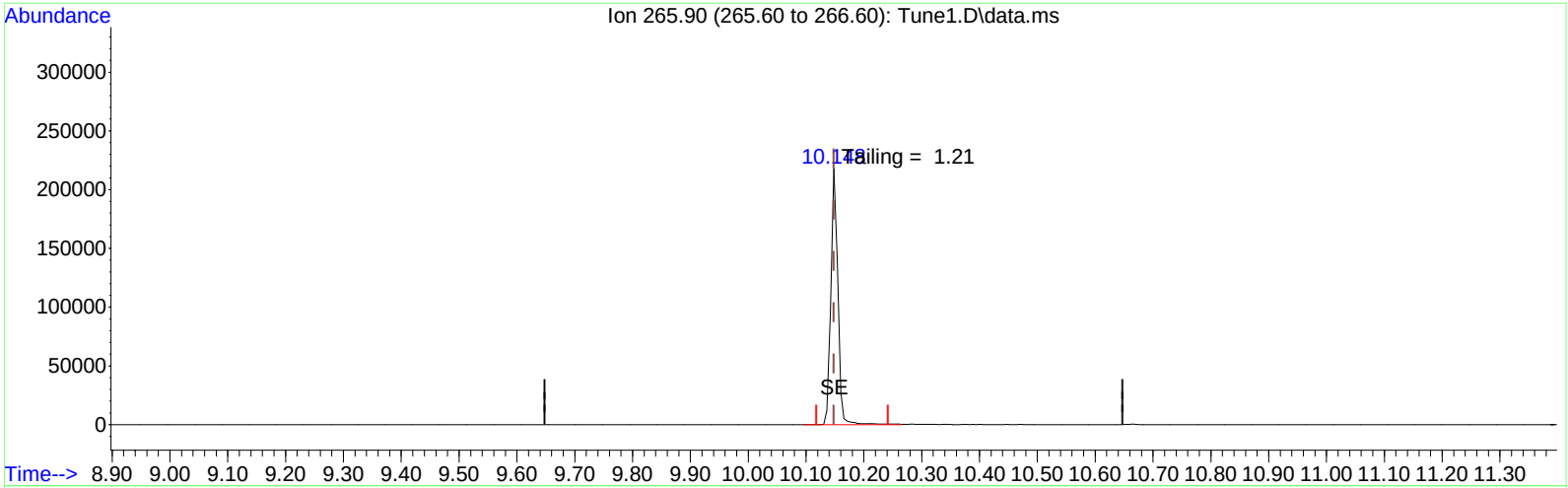
response 491637

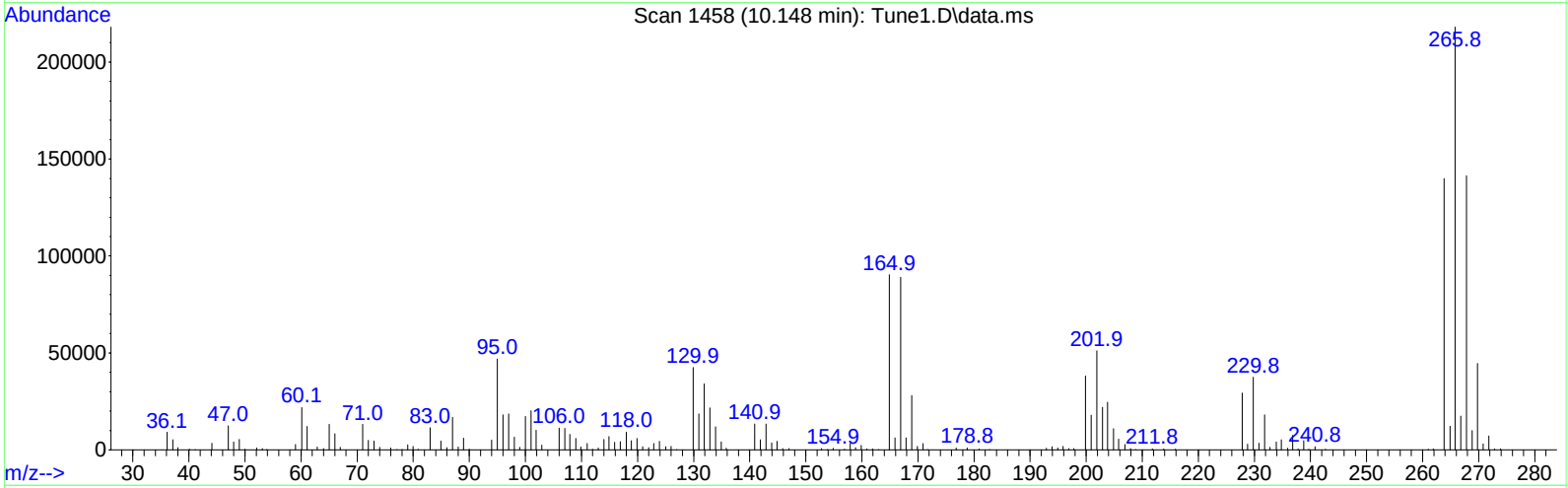
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	65.30	63.73
165.10	42.20	46.62
199.10	12.90	14.52

Quantitation Report (Qedit)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : Tune1.D
Acq On : 31 Jul 2025 9:49 pm
Operator : GCMS5:cmm
Sample : Tune 1 Lot # 11649
Misc : WG2098562,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Aug 04 06:18:10 2025
Quant Method : I:\8270\GCMS5\250731ICAL\DftppGCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 06:19:03 2025
Response via : Initial Calibration





TIC: Tune1.D\data.ms

(1) Pentachlorophenol (T)

10.148min (0.000) 85.74

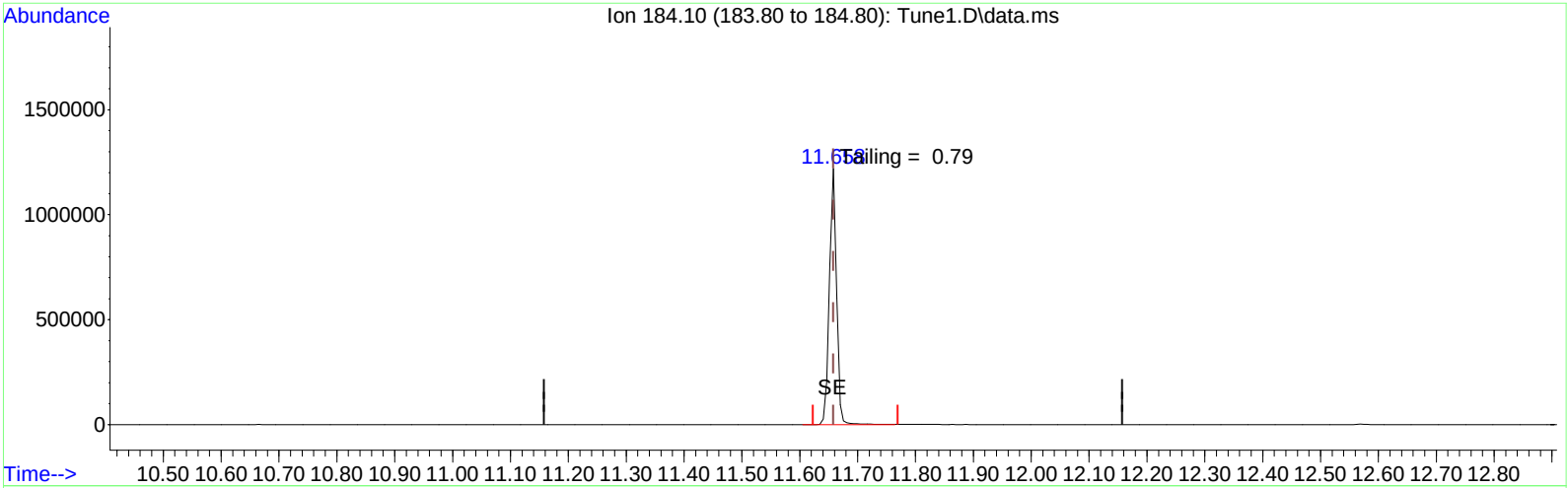
response 180077

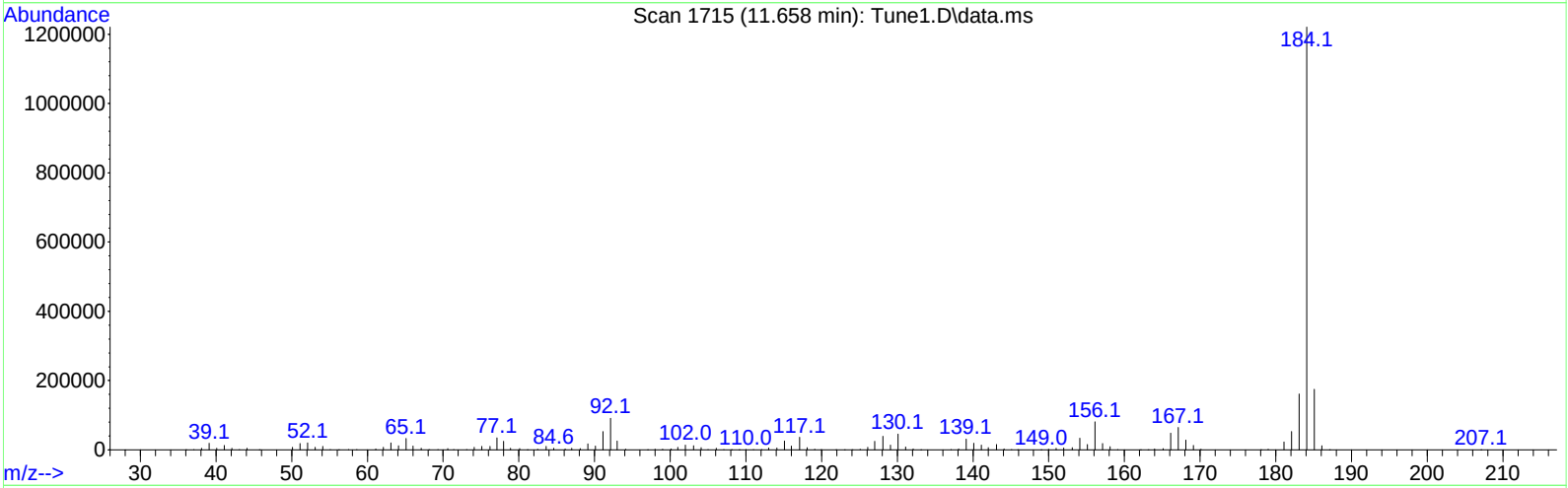
Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : Tune1.D
Acq On : 31 Jul 2025 9:49 pm
Operator : GCMS5:cmm
Sample : Tune 1 Lot # 11649
Misc : WG2098562,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Aug 04 06:18:10 2025
Quant Method : I:\8270\GCMS5\250731ICAL\DftppGCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 06:19:03 2025
Response via : Initial Calibration





TIC: Tune1.D\data.ms

(3) Benzidine (T)

11.658min (+ 0.000) 103.31

response 1051747

Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL10.D
Acq On : 31 Jul 2025 10:15 pm
Operator : GCMS5:cmm
Sample : IL1,32,,ABNL200 Lot# 11716
Misc : WG2098562,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 04 05:59:04 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	5.818	152	184374	40.000	ug/ml	# 0.00
Standard Area 1 = 198086			Recovery = 93.08%			
35) IS1_Naphthalene-d8	7.151	136	724510	40.000	ug/ml	0.00
Standard Area 1 = 784642			Recovery = 92.34%			
63) IS1_Acenaphthene-d10	8.891	164	468270	40.000	ug/ml	0.00
Standard Area 1 = 499209			Recovery = 93.80%			
88) IS1_Phenanthrene-d10	10.330	188	934475	40.000	ug/ml	0.00
Standard Area 1 = 1031853			Recovery = 90.56%			
104) IS1_Chrysene-d12	13.109	240	1348901	40.000	ug/ml	0.01
Standard Area 1 = 1381862			Recovery = 97.61%			
113) IS1_Perylene-d12	14.860	264	1318101	40.000	ug/ml	0.00
Standard Area 1 = 1486603			Recovery = 88.67%			
System Monitoring Compounds						
4) 2-Fluorophenol	4.302	112	1101518	213.964	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 427.93%#			
7) Phenol-d6	5.477	99	1512486	217.731	ug/ml	0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 435.46%#			
19) Nitrobenzene-d5	6.417	82	1368262	216.209	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 864.84%#			
46) 2-Fluorobiphenyl	8.244	172	3643159	219.745	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 878.98%#			
79) 2,4,6-Tribromophenol	9.660	330	728879	249.258	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 498.52%#			
96) 4-Terphenyl-d14	11.928	244	6084944	226.768	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 907.07%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	2.322	74	685209	199.780	ug/ml	89
3) Pyridine	2.357	79	1268036	212.710	ug/ml	99
5) Aniline	5.459	93	1935027	215.691	ug/ml#	72
6) 2-Chlorophenol	5.594	128	1323653	214.359	ug/ml	96
8) Phenol	5.489	94	1496665M6	202.809	ug/ml	
9) Bis(2-chloroethyl)ether	5.565	93	1112200	207.415	ug/ml	94
10) 1,3-Dichlorobenzene	5.753	146	1537964	213.055	ug/ml	98
11) 1,4-Dichlorobenzene	5.835	146	1596960	211.114	ug/ml	98
12) 1,2-Dichlorobenzene	6.000	146	1611820	221.446	ug/ml	99
13) Benzyl alcohol	6.000	79	1193870	239.137	ug/ml	99
14) Bis(2-chloroisopropyl)...	6.159	45	1778593	201.021	ug/ml	96

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL10.D
Acq On : 31 Jul 2025 10:15 pm
Operator : GCMS5:cmm
Sample : IL1,32,,ABNL200 Lot# 11716
Misc : WG2098562,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 04 05:59:04 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	6.141	108	1203413	220.714	ug/ml	98
16) Hexachloroethane	6.358	117	586014	218.000	ug/ml	83
17) n-Nitrosodi-n-propylamine	6.300	70	979217	223.286	ug/ml	94
18) 3-Methylphenol/4-Methy...	6.311	108	1319961	225.229	ug/ml	98
20) Nitrobenzene	6.441	77	1360807	215.173	ug/ml	98
21) Isophorone	6.705	82	2501647	217.010	ug/ml	99
22) 2-Nitrophenol	6.770	139	744581	236.423	ug/ml	93
23) 2,4-Dimethylphenol	6.852	107	1391890	229.231	ug/ml	100
24) Bis(2-chloroethoxy)met...	6.946	93	1582639	216.180	ug/ml	98
25) 2,4-Dichlorophenol	7.022	162	1381361	234.679	ug/ml	99
26) 1,2,4-Trichlorobenzene	7.099	180	1510169	216.755	ug/ml	99
36) Naphthalene	7.169	128	4126261	211.890	ug/ml	98
37) Benzoic Acid	7.046	105	1072755	227.898	ug/ml#	1
38) 4-Chloroaniline	7.240	65	544054	224.104	ug/ml	86
39) Hexachlorobutadiene	7.322	225	904828	218.281	ug/ml	99
40) p-Chloro-m-cresol	7.745	107	1224102	230.599	ug/ml	98
41) 2-Methylnaphthalene	7.868	142	2729667	225.178	ug/ml	94
42) 1-Methylnaphthalene	7.962	115	1016083	229.117	ug/ml	94
43) Hexachlorocyclopentadiene	8.039	237	1287947	253.980	ug/ml	97
44) 2,4,6-Trichlorophenol	8.156	196	1128561	232.222	ug/ml	99
45) 2,4,5-Trichlorophenol	8.186	196	1244036	233.035	ug/ml	98
47) 2-Chloronaphthalene	8.344	162	3092654	221.427	ug/ml	98
48) 2-Nitroaniline	8.456	138	982065	237.598	ug/ml	89
49) 1,4-Dinitrobenzene	8.591	168	472286	233.752	ug/ml	98
50) 1,3-Dinitrobenzene	8.667	168	599974	241.255	ug/ml	93
51) Dimethyl phthalate	8.667	163	3841648	226.811	ug/ml#	98
52) Acenaphthylene	8.750	152	5332813	226.557	ug/ml	96
53) 2,6-Dinitrotoluene	8.703	165	778564	233.896	ug/ml	98
54) 1,2-Dinitrobenzene	8.756	168	378410	242.562	ug/ml	99
64) 3-Nitroaniline	8.867	138	898226	229.171	ug/ml	94
65) Acenaphthene	8.926	154	3033441	223.599	ug/ml	92
66) 2,4-Dinitrophenol	8.961	184	585441	203.444	ug/ml	96
67) Dibenzofuran	9.090	168	4832616	218.057	ug/ml	96
68) 2,4-Dinitrotoluene	9.096	165	1345698	205.665	ug/ml	92
69) 4-Nitrophenol	9.049	65	691647	225.523	ug/ml	91
70) 2,3,5,6-Tetrachlorophenol	9.179	232	1202221	242.143	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	9.220	232	1144155	233.022	ug/ml	100
72) Diethyl phthalate	9.349	149	3751359	218.934	ug/ml	97
73) Fluorene	9.425	166	4186015	232.500	ug/ml	94
74) 4-Chlorophenyl phenyl ...	9.437	204	1984332	228.806	ug/ml	98

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL10.D
Acq On : 31 Jul 2025 10:15 pm
Operator : GCMS5:cmm
Sample : IL1,32,,ABNL200 Lot# 11716
Misc : WG2098562,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 04 05:59:04 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	9.472	138	905011	217.002	ug/ml#	78
76)	4,6-Dinitro-o-cresol	9.496	198	771065	231.856	ug/ml	94
77)	NDPA/DPA	9.560	169	3426521	228.545	ug/ml	91
78)	Azobenzene	9.590	77	3358475	217.476	ug/ml#	94
80)	4-Bromophenyl phenyl e...	9.913	248	1298524	233.494	ug/ml	98
81)	Hexachlorobenzene	9.966	284	1496814	227.222	ug/ml	96
82)	Pentachlorophenol	10.160	266	1071416	207.980	ug/ml	99
89)	Phenanthrene	10.354	178	5877528	212.135	ug/ml#	94
90)	Anthracene	10.407	178	6111646	220.741	ug/ml#	92
91)	Carbazole	10.571	167	5851077	223.505	ug/ml	94
92)	Di-n-butylphthalate	10.941	149	6459970	230.690	ug/ml	97
93)	Fluoranthene	11.517	202	7136795	219.270	ug/ml	94
94)	Benzidine	11.670	184	5148205	234.678	ug/ml#	96
95)	Pyrene	11.746	202	7624410	216.474	ug/ml#	92
97)	Butyl benzyl phthalate	12.492	149	3401658	234.801	ug/ml	98
105)	Benzo(a)anthracene	13.098	228	8711013	191.367	ug/ml	94
106)	3,3'-Dichlorobenzidine	13.098	252	3812765	234.526	ug/ml#	97
107)	Chrysene	13.150	228	7888359	188.665	ug/ml	92
108)	Bis(2-ethylhexyl)phtha...	13.209	149	5289289	228.713	ug/ml#	98
109)	Di-n-octylphthalate	14.026	149	8432872	219.686	ug/ml	99
110)	Benzo(b)fluoranthene	14.420	252	9105784	206.596	ug/ml#	95
111)	Benzo(k)fluoranthene	14.455	252	9077620	205.185	ug/ml#	94
112)	Benzo(a)pyrene	14.807	252	8719671	208.954	ug/ml#	95
114)	Indeno(1,2,3-cd)pyrene	16.088	276	9235879M6	242.448	ug/mL	
115)	Dibenzo(a,h)anthracene	16.118	278	9142979	235.912	ug/ml#	94
116)	Benzo(ghi)perylene	16.394	276	7933486	214.630	ug/ml#	92

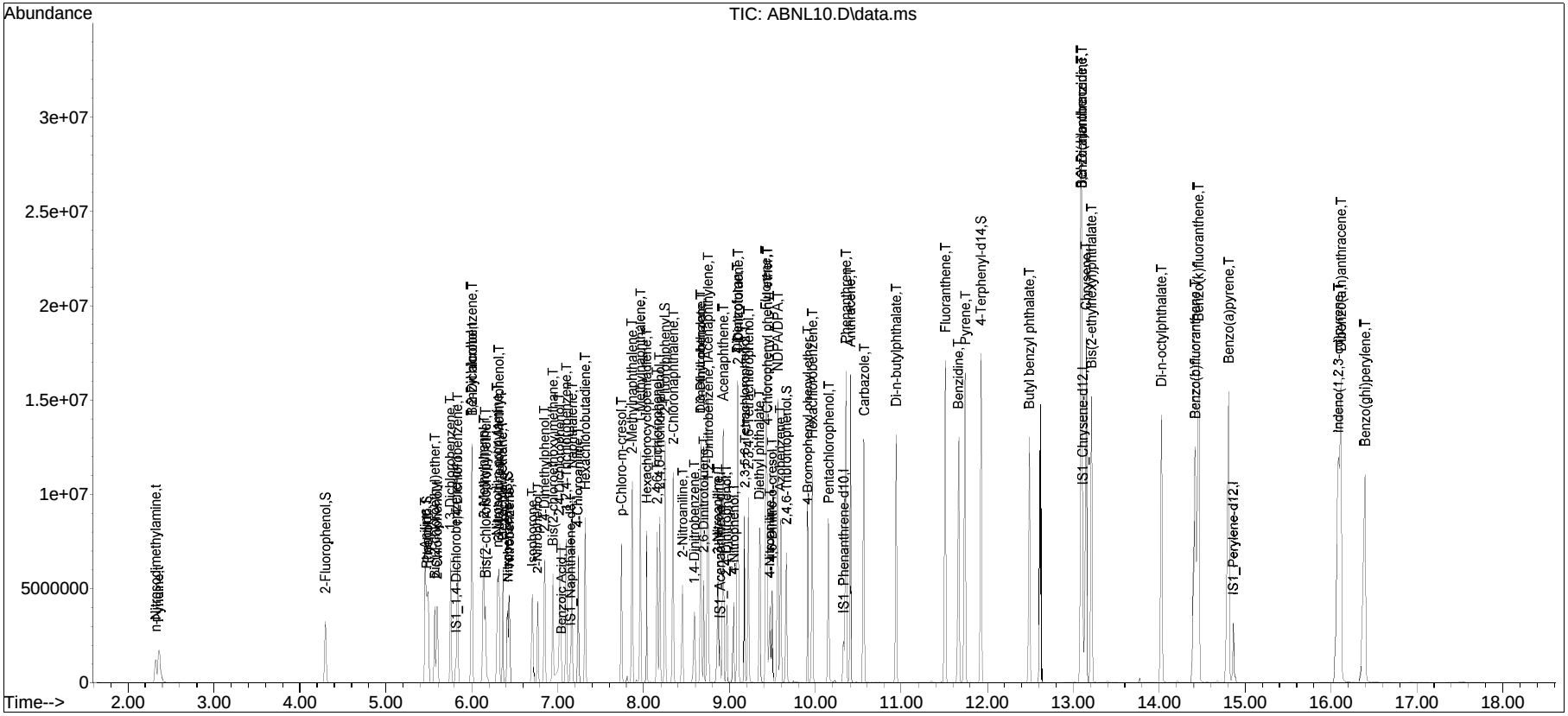
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL10.D
Acq On : 31 Jul 2025 10:15 pm
Operator : GCMS5:cmm
Sample : IL1,32,,ABNL200 Lot# 11716
Misc : WG2098562,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 04 05:59:04 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

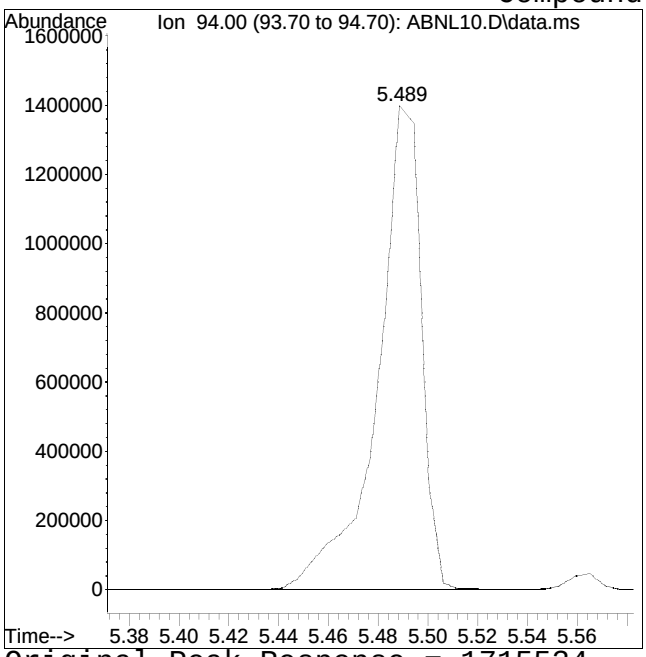
Sub List : ABNical - ABN ical sublistAL\ABNL7.D•



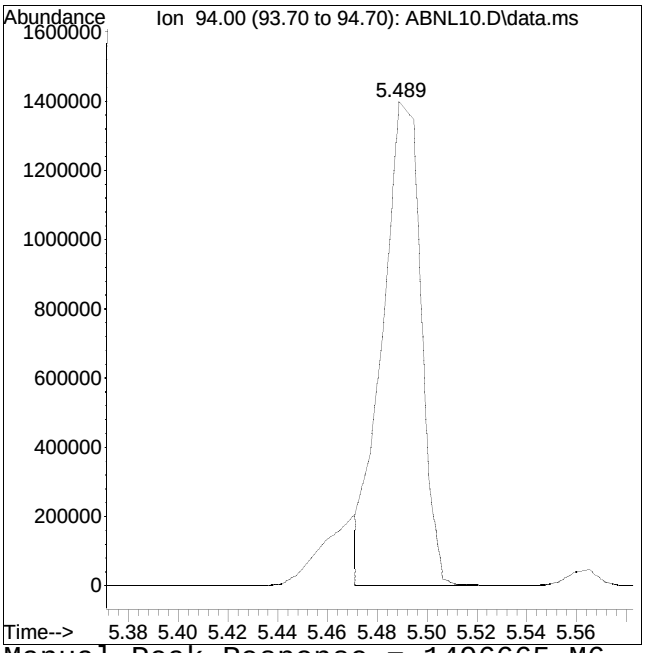
Manual Integration Report

Data Path : I:\8270\GCMS5\250731ICAL\ QMethod : FS250731GCMS5.m
Data File : ABNL10.D Operator : GCMS5:cmm
Date Inj'd : 7/31/2025 10:15 pm Instrument : GCMS5
Sample : IL1,32,,ABNL200 Lot# 11716Quant Date : 8/4/2025 5:59 am

Compound #8: Phenol



Original Peak Response = 1715534



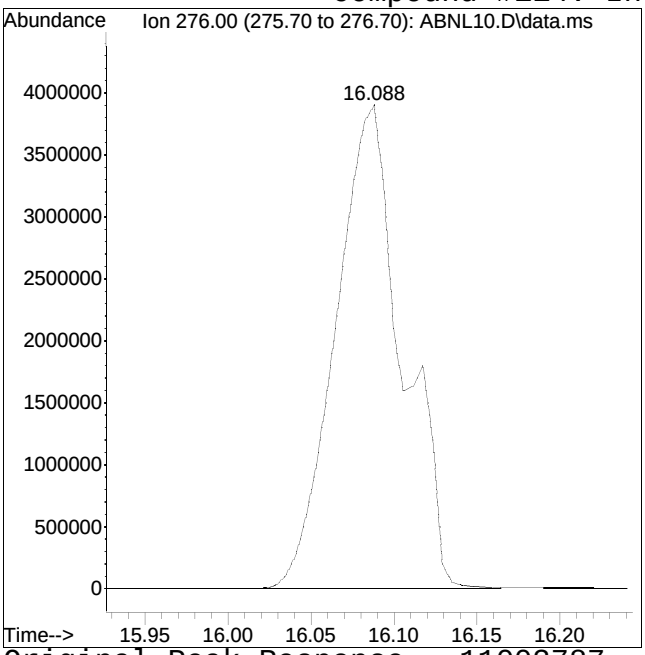
Manual Peak Response = 1496665 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

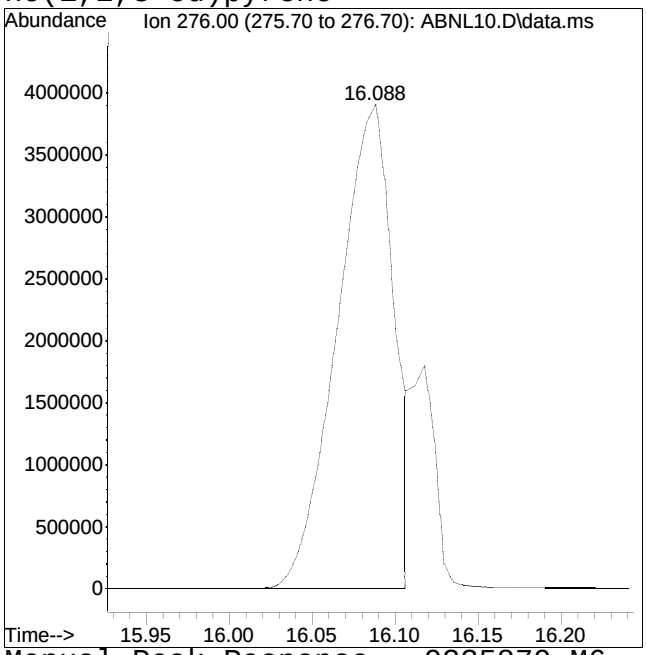
Manual Integration Report

Data Path : I:\8270\GCMS5\250731ICAL\ QMethod : FS250731GCMS5.m
Data File : ABNL10.D Operator : GCMS5:cmm
Date Inj'd : 7/31/2025 10:15 pm Instrument : GCMS5
Sample : IL1,32,,ABNL200 Lot# 11716Quant Date : 8/4/2025 5:59 am

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 11003787



Manual Peak Response = 9235879 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL9.D
Acq On : 31 Jul 2025 10:41 pm
Operator : GCMS5:cmm
Sample : IL2,32,,ABNL150 Lot# 11717
Misc : WG2098562,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 04 06:00:11 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	5.818	152	184899	40.000	ug/ml	# 0.00
Standard Area 1 = 198086			Recovery = 93.34%			
35) IS1_Naphthalene-d8	7.146	136	743001	40.000	ug/ml	0.00
Standard Area 1 = 784642			Recovery = 94.69%			
63) IS1_Acenaphthene-d10	8.885	164	488436	40.000	ug/ml	0.00
Standard Area 1 = 499209			Recovery = 97.84%			
88) IS1_Phenanthrene-d10	10.324	188	995400	40.000	ug/ml	0.00
Standard Area 1 = 1031853			Recovery = 96.47%			
104) IS1_Chrysene-d12	13.109	240	1432297	40.000	ug/ml	0.01
Standard Area 1 = 1381862			Recovery = 103.65%			
113) IS1_Perylene-d12	14.860	264	1437233	40.000	ug/ml	0.00
Standard Area 1 = 1486603			Recovery = 96.68%			
System Monitoring Compounds						
4) 2-Fluorophenol	4.302	112	823990	159.601	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 319.20%#			
7) Phenol-d6	5.471	99	1141109	163.803	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 327.61%#			
19) Nitrobenzene-d5	6.417	82	1049663	165.394	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 661.58%#			
46) 2-Fluorobiphenyl	8.244	172	2797734	164.552	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 658.21%#			
79) 2,4,6-Tribromophenol	9.660	330	531906	174.388	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 348.78%#			
96) 4-Terphenyl-d14	11.928	244	4857126	169.932	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 679.73%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	2.322	74	533873	155.214	ug/ml	86
3) Pyridine	2.351	79	969301	162.136	ug/ml	100
5) Aniline	5.459	93	1464795	162.812	ug/ml#	69
6) 2-Chlorophenol	5.589	128	983272	158.784	ug/ml	96
8) Phenol	5.489	94	1168117M6	157.839	ug/ml	
9) Bis(2-chloroethyl)ether	5.559	93	812202	151.038	ug/ml	91
10) 1,3-Dichlorobenzene	5.753	146	1114500	153.954	ug/ml	99
11) 1,4-Dichlorobenzene	5.835	146	1161758	153.145	ug/ml	99
12) 1,2-Dichlorobenzene	6.000	146	1177015	161.249	ug/ml	99
13) Benzyl alcohol	5.994	79	891300	178.024	ug/ml	99
14) Bis(2-chloroisopropyl)...	6.159	45	1362862	153.597	ug/ml	96

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL9.D
Acq On : 31 Jul 2025 10:41 pm
Operator : GCMS5:cmm
Sample : IL2,32,,ABNL150 Lot# 11717
Misc : WG2098562,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 04 06:00:11 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	6.135	108	908922	166.229	ug/ml	98
16) Hexachloroethane	6.358	117	431661	160.124	ug/ml	83
17) n-Nitrosodi-n-propylamine	6.294	70	741666	168.638	ug/ml	94
18) 3-Methylphenol/4-Methy...	6.311	108	994316	169.182	ug/ml	97
20) Nitrobenzene	6.435	77	1040157	164.004	ug/ml	97
21) Isophorone	6.699	82	1931715	167.094	ug/ml	98
22) 2-Nitrophenol	6.770	139	558309	176.774	ug/ml	92
23) 2,4-Dimethylphenol	6.852	107	1043917	171.435	ug/ml	100
24) Bis(2-chloroethoxy)met...	6.940	93	1180676	160.816	ug/ml	97
25) 2,4-Dichlorophenol	7.022	162	1018725	172.579	ug/ml	99
26) 1,2,4-Trichlorobenzene	7.099	180	1101159	157.601	ug/ml	99
36) Naphthalene	7.169	128	3071115	153.782	ug/ml	99
37) Benzoic Acid	7.022	105	827277	171.374	ug/ml#	1
38) 4-Chloroaniline	7.240	65	404517	162.480	ug/ml	86
39) Hexachlorobutadiene	7.322	225	666471	156.778	ug/ml	99
40) p-Chloro-m-cresol	7.745	107	926928	170.271	ug/ml	98
41) 2-Methylnaphthalene	7.868	142	2017529	162.290	ug/ml	94
42) 1-Methylnaphthalene	7.962	115	754083	165.807	ug/ml	94
43) Hexachlorocyclopentadiene	8.039	237	945145	181.742	ug/ml	97
44) 2,4,6-Trichlorophenol	8.156	196	870575	174.678	ug/ml	99
45) 2,4,5-Trichlorophenol	8.186	196	956955	174.798	ug/ml	97
47) 2-Chloronaphthalene	8.344	162	2337932	163.225	ug/ml	99
48) 2-Nitroaniline	8.456	138	766480	180.825	ug/ml	89
49) 1,4-Dinitrobenzene	8.585	168	371730	179.405	ug/ml	99
50) 1,3-Dinitrobenzene	8.667	168	462932	181.516	ug/ml	94
51) Dimethyl phthalate	8.662	163	2942352	169.393	ug/ml#	99
52) Acenaphthylene	8.750	152	4157949	172.249	ug/ml	97
53) 2,6-Dinitrotoluene	8.703	165	607460	177.951	ug/ml	98
54) 1,2-Dinitrobenzene	8.756	168	294934	184.349	ug/ml	98
64) 3-Nitroaniline	8.861	138	696594	170.390	ug/ml	94
65) Acenaphthene	8.920	154	2292351	161.996	ug/ml	92
66) 2,4-Dinitrophenol	8.961	184	455188	152.458	ug/ml	97
67) Dibenzofuran	9.090	168	3779390	163.493	ug/ml	98
68) 2,4-Dinitrotoluene	9.096	165	1055730	155.021	ug/ml	91
69) 4-Nitrophenol	9.043	65	535437	167.380	ug/ml	91
70) 2,3,5,6-Tetrachlorophenol	9.179	232	919722	177.596	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	9.220	232	881227	172.063	ug/ml	99
72) Diethyl phthalate	9.349	149	2897156	162.101	ug/ml	98
73) Fluorene	9.425	166	3230004	171.994	ug/ml	95
74) 4-Chlorophenyl phenyl ...	9.437	204	1522666	168.324	ug/ml	99

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL9.D
Acq On : 31 Jul 2025 10:41 pm
Operator : GCMS5:cmm
Sample : IL2,32,,ABNL150 Lot# 11717
Misc : WG2098562,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 04 06:00:11 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	9.466	138	720086	165.532	ug/ml#	80
76)	4,6-Dinitro-o-cresol	9.496	198	608214	175.336	ug/ml	95
77)	NDPA/DPA	9.555	169	2623764	167.777	ug/ml	91
78)	Azobenzene	9.590	77	2583784	160.404	ug/ml#	95
80)	4-Bromophenyl phenyl e...	9.907	248	973617	167.843	ug/ml	98
81)	Hexachlorobenzene	9.966	284	1114976	162.270	ug/ml	94
82)	Pentachlorophenol	10.154	266	818546	152.835	ug/ml	98
89)	Phenanthrene	10.354	178	4681485	158.625	ug/ml	95
90)	Anthracene	10.401	178	4876381	165.346	ug/ml	95
91)	Carbazole	10.565	167	4606748	165.202	ug/ml	96
92)	Di-n-butylphthalate	10.941	149	5192502	174.079	ug/ml	98
93)	Fluoranthene	11.511	202	5882520	169.672	ug/ml#	94
94)	Benzidine	11.664	184	4053088	173.449	ug/ml#	96
95)	Pyrene	11.740	202	6259857	166.853	ug/ml	94
97)	Butyl benzyl phthalate	12.492	149	2663589	172.602	ug/ml	99
105)	Benzo(a)anthracene	13.098	228	7085602	146.596	ug/ml	95
106)	3,3'-Dichlorobenzidine	13.092	252	3033194	175.711	ug/ml#	97
107)	Chrysene	13.145	228	6473121	145.803	ug/ml	94
108)	Bis(2-ethylhexyl)phtha...	13.209	149	4146867	168.873	ug/ml#	97
109)	Di-n-octylphthalate	14.026	149	6812358	167.137	ug/ml	99
110)	Benzo(b)fluoranthene	14.414	252	7608629	162.577	ug/ml#	94
111)	Benzo(k)fluoranthene	14.449	252	6901085	146.905	ug/ml	96
112)	Benzo(a)pyrene	14.802	252	6902312	155.773	ug/ml#	95
114)	Indeno(1,2,3-cd)pyrene	16.082	276	7207552M6	173.520	ug/mL	
115)	Dibenzo(a,h)anthracene	16.112	278	7252559	171.623	ug/ml#	94
116)	Benzo(ghi)perylene	16.388	276	6256682	155.236	ug/ml#	92

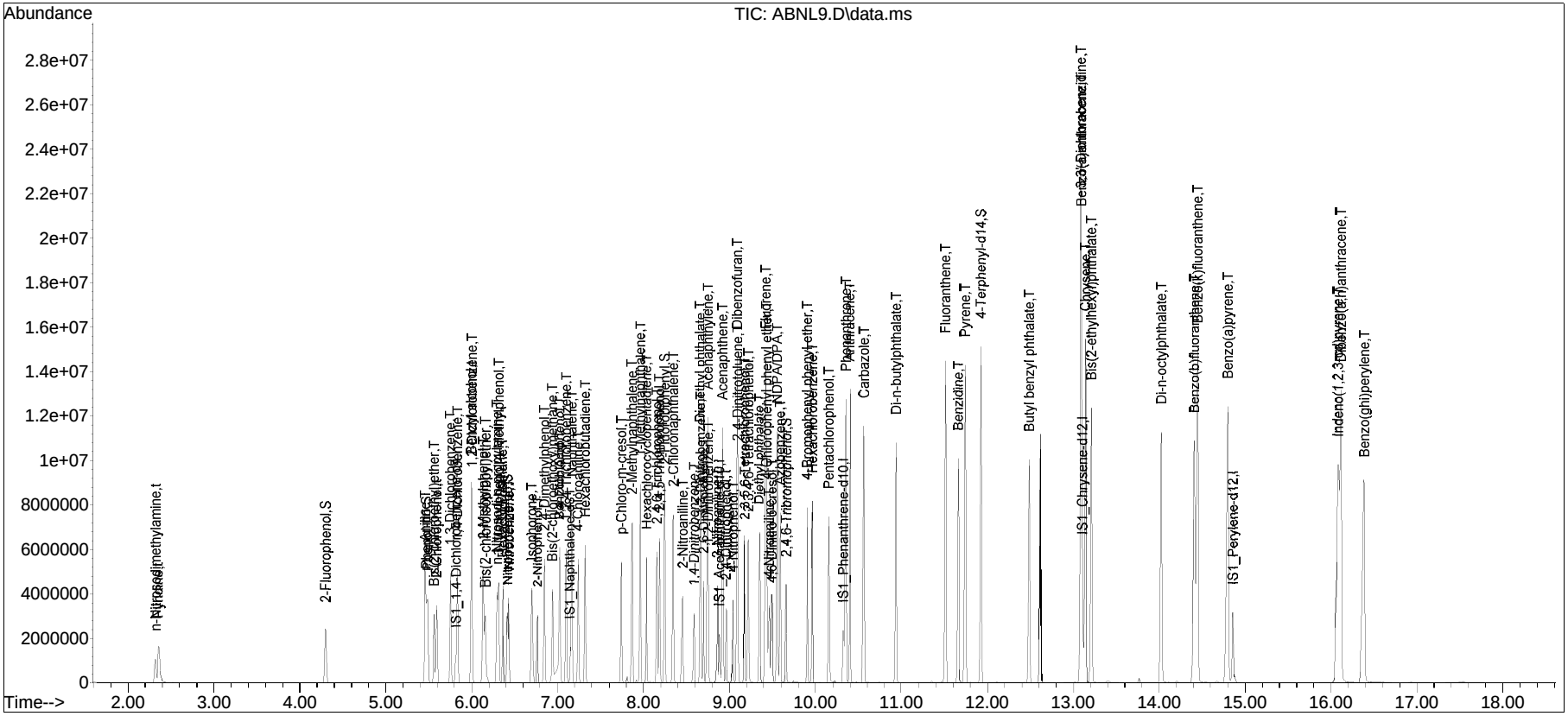
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL9.D
Acq On : 31 Jul 2025 10:41 pm
Operator : GCMS5:cmm
Sample : IL2,32,,ABNL150 Lot# 11717
Misc : WG2098562,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 04 06:00:11 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

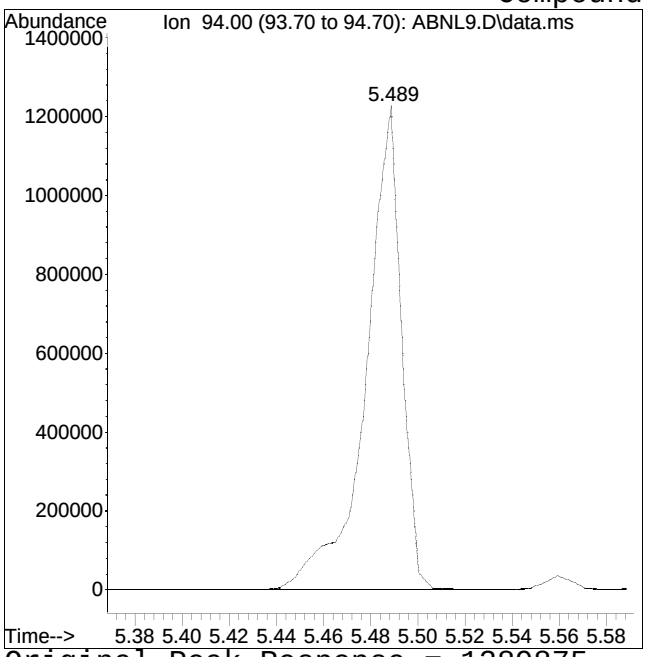
Sub List : ABNical - ABN ical sublistAL\ABNL7.D•



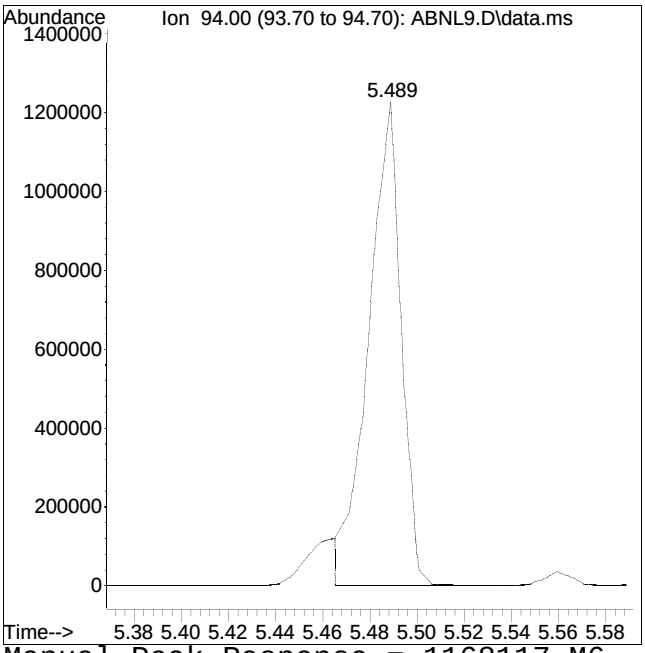
Manual Integration Report

Data Path : I:\8270\GCMS5\250731ICAL\ QMethod : FS250731GCMS5.m
Data File : ABNL9.D Operator : GCMS5:cmm
Date Inj'd : 7/31/2025 10:41 pm Instrument : GCMS5
Sample : IL2,32,,ABNL150 Lot# 11717Quant Date : 8/4/2025 6:01 am

Compound #8: Phenol



Original Peak Response = 1289875



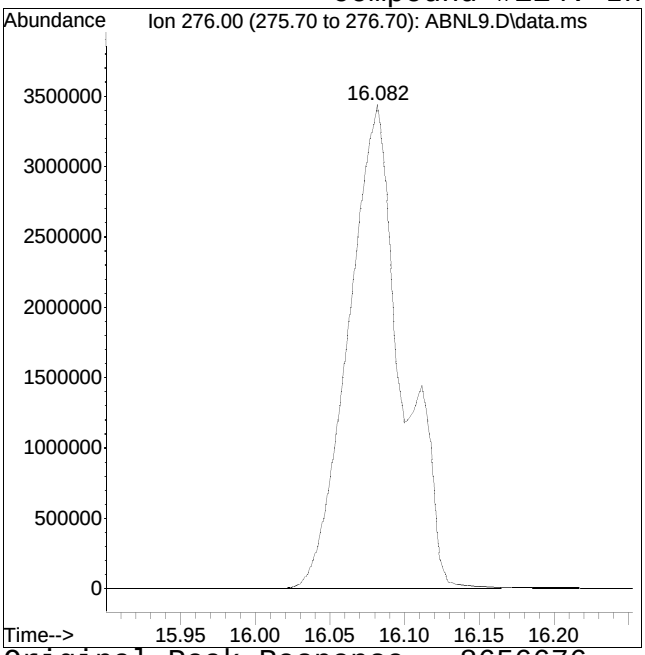
Manual Peak Response = 1168117 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

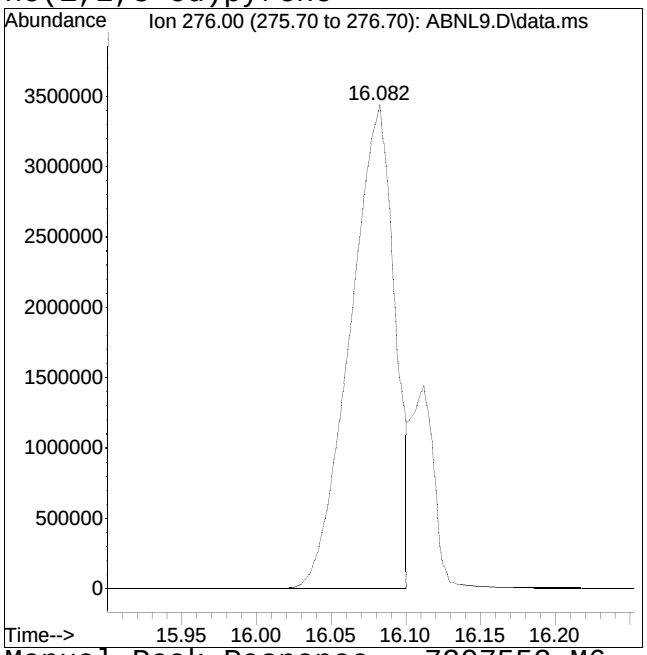
Manual Integration Report

Data Path : I:\8270\GCMS5\250731ICAL\ QMethod : FS250731GCMS5.m
Data File : ABNL9.D Operator : GCMS5:cmm
Date Inj'd : 7/31/2025 10:41 pm Instrument : GCMS5
Sample : IL2,32,,ABNL150 Lot# 11717Quant Date : 8/4/2025 6:01 am

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 8656676



Manual Peak Response = 7207552 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL8.D
Acq On : 31 Jul 2025 11:07 pm
Operator : GCMS5:cmm
Sample : IL3,32,,ABNL100 Lot# 11718
Misc : WG2098562,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 04 06:00:01 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	5.818	152	215554	40.000	ug/ml	# 0.00
Standard Area 1 = 198086			Recovery = 108.82%			
35) IS1_Naphthalene-d8	7.146	136	862947	40.000	ug/ml	0.00
Standard Area 1 = 784642			Recovery = 109.98%			
63) IS1_Acenaphthene-d10	8.885	164	552966	40.000	ug/ml	0.00
Standard Area 1 = 499209			Recovery = 110.77%			
88) IS1_Phenanthrene-d10	10.324	188	1108575	40.000	ug/ml	0.00
Standard Area 1 = 1031853			Recovery = 107.44%			
104) IS1_Chrysene-d12	13.103	240	1525065	40.000	ug/ml	0.00
Standard Area 1 = 1381862			Recovery = 110.36%			
113) IS1_Perylene-d12	14.854	264	1573976	40.000	ug/ml	0.00
Standard Area 1 = 1486603			Recovery = 105.88%			
System Monitoring Compounds						
4) 2-Fluorophenol	4.302	112	632274	105.050	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 210.10%#			
7) Phenol-d6	5.471	99	879471	108.291	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 216.58%#			
19) Nitrobenzene-d5	6.411	82	801715	108.360	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 433.44%#			
46) 2-Fluorobiphenyl	8.238	172	2092625	105.972	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 423.89%#			
79) 2,4,6-Tribromophenol	9.654	330	388148	112.406	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 224.81%#			
96) 4-Terphenyl-d14	11.922	244	3566380	112.035	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 448.14%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	2.322	74	409344	102.085	ug/ml#	87
3) Pyridine	2.357	79	715663	102.685	ug/ml	99
5) Aniline	5.459	93	1125161	107.276	ug/ml#	70
6) 2-Chlorophenol	5.589	128	756921	104.848	ug/ml	95
8) Phenol	5.483	94	894544M6	103.683	ug/ml	
9) Bis(2-chloroethyl)ether	5.559	93	636351	101.507	ug/ml	91
10) 1,3-Dichlorobenzene	5.753	146	853024	101.077	ug/ml	98
11) 1,4-Dichlorobenzene	5.835	146	889712	100.604	ug/ml	99
12) 1,2-Dichlorobenzene	6.000	146	898790	105.622	ug/ml	99
13) Benzyl alcohol	5.994	79	668406	114.518	ug/ml	99
14) Bis(2-chloroisopropyl)...	6.158	45	1067964	103.244	ug/ml	97

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL8.D
Acq On : 31 Jul 2025 11:07 pm
Operator : GCMS5:cmm
Sample : IL3,32,,ABNL100 Lot# 11718
Misc : WG2098562,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 04 06:00:01 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	6.135	108	690217	108.279	ug/ml	99
16) Hexachloroethane	6.358	117	328252	104.448	ug/ml	83
17) n-Nitrosodi-n-propylamine	6.288	70	562934	109.795	ug/ml	93
18) 3-Methylphenol/4-Methy...	6.305	108	741768	108.262	ug/ml	97
20) Nitrobenzene	6.435	77	796960	107.788	ug/ml	97
21) Isophorone	6.693	82	1471552	109.187	ug/ml	98
22) 2-Nitrophenol	6.770	139	422952	114.872	ug/ml	90
23) 2,4-Dimethylphenol	6.846	107	792338	111.615	ug/ml	100
24) Bis(2-chloroethoxy)met...	6.940	93	903397	105.549	ug/ml	98
25) 2,4-Dichlorophenol	7.022	162	763286	110.917	ug/ml	99
26) 1,2,4-Trichlorobenzene	7.099	180	844479	103.676	ug/ml	99
36) Naphthalene	7.169	128	2372330	102.280	ug/ml	100
37) Benzoic Acid	7.010	105	615427	109.768	ug/ml#	1
38) 4-Chloroaniline	7.240	65	306251	105.912	ug/ml	85
39) Hexachlorobutadiene	7.322	225	515259	104.360	ug/ml	100
40) p-Chloro-m-cresol	7.739	107	691384	109.350	ug/ml	98
41) 2-Methylnaphthalene	7.862	142	1518196	105.149	ug/ml	93
42) 1-Methylnaphthalene	7.962	115	559971	106.012	ug/ml	94
43) Hexachlorocyclopentadiene	8.039	237	693522	114.821	ug/ml	97
44) 2,4,6-Trichlorophenol	8.156	196	637888	110.200	ug/ml	99
45) 2,4,5-Trichlorophenol	8.186	196	686859	108.023	ug/ml	98
47) 2-Chloronaphthalene	8.338	162	1730902	104.048	ug/ml	99
48) 2-Nitroaniline	8.450	138	561178	113.989	ug/ml	90
49) 1,4-Dinitrobenzene	8.585	168	266770	110.853	ug/ml	99
50) 1,3-Dinitrobenzene	8.661	168	334904	113.064	ug/ml	94
51) Dimethyl phthalate	8.656	163	2167569	107.443	ug/ml#	99
52) Acenaphthylene	8.744	152	3081528	109.913	ug/ml	98
53) 2,6-Dinitrotoluene	8.697	165	445254	112.304	ug/ml	98
54) 1,2-Dinitrobenzene	8.750	168	216267	116.389	ug/ml	98
64) 3-Nitroaniline	8.855	138	511920	110.605	ug/ml	94
65) Acenaphthene	8.920	154	1690677	105.534	ug/ml	92
66) 2,4-Dinitrophenol	8.955	184	328622	98.372	ug/ml	96
67) Dibenzofuran	9.090	168	2797670	106.901	ug/ml	99
68) 2,4-Dinitrotoluene	9.090	165	750474	97.839	ug/ml	93
69) 4-Nitrophenol	9.038	65	397004	109.622	ug/ml	90
70) 2,3,5,6-Tetrachlorophenol	9.173	232	669292	114.156	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	9.214	232	639644	110.319	ug/ml	100
72) Diethyl phthalate	9.349	149	2086571	103.123	ug/ml	98
73) Fluorene	9.419	166	2340079	110.065	ug/ml	95
74) 4-Chlorophenyl phenyl ...	9.431	204	1109442	108.332	ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL8.D
Acq On : 31 Jul 2025 11:07 pm
Operator : GCMS5:cmm
Sample : IL3,32,,ABNL100 Lot# 11718
Misc : WG2098562,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 04 06:00:01 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	9.461	138	554640	112.621	ug/ml	86
76)	4,6-Dinitro-o-cresol	9.490	198	437310	111.356	ug/ml	98
77)	NDPA/DPA	9.555	169	1911304	107.956	ug/ml	92
78)	Azobenzene	9.590	77	1914799	105.000	ug/ml#	95
80)	4-Bromophenyl phenyl e...	9.907	248	714900	108.860	ug/ml	98
81)	Hexachlorobenzene	9.960	284	809878	104.112	ug/ml	95
82)	Pentachlorophenol	10.154	266	578251	96.073	ug/ml	99
89)	Phenanthrene	10.348	178	3466379	105.462	ug/ml	97
90)	Anthracene	10.401	178	3590250	109.308	ug/ml	96
91)	Carbazole	10.565	167	3378984	108.803	ug/ml	97
92)	Di-n-butylphthalate	10.941	149	3873022	116.587	ug/ml	99
93)	Fluoranthene	11.511	202	4329384	112.126	ug/ml#	94
94)	Benzidine	11.664	184	2917135	112.092	ug/ml#	96
95)	Pyrene	11.734	202	4646281	111.201	ug/ml	96
97)	Butyl benzyl phthalate	12.486	149	1920077	111.720	ug/ml	99
105)	Benzo(a)anthracene	13.092	228	5371760	104.378	ug/ml	96
106)	3,3'-Dichlorobenzidine	13.086	252	2196446	119.499	ug/ml#	97
107)	Chrysene	13.139	228	4777100	101.056	ug/ml	95
108)	Bis(2-ethylhexyl)phtha...	13.209	149	2991158	114.400	ug/ml#	96
109)	Di-n-octylphthalate	14.020	149	5045947	116.268	ug/ml	100
110)	Benzo(b)fluoranthene	14.408	252	5423422	108.835	ug/ml#	95
111)	Benzo(k)fluoranthene	14.443	252	5176257	103.486	ug/ml#	96
112)	Benzo(a)pyrene	14.796	252	5008990	106.168	ug/ml#	96
114)	Indeno(1,2,3-cd)pyrene	16.076	276	5471561	120.282	ug/mL#	89
115)	Dibenzo(a,h)anthracene	16.106	278	5393304	116.538	ug/ml#	94
116)	Benzo(ghi)perylene	16.376	276	4809114	108.954	ug/ml#	92

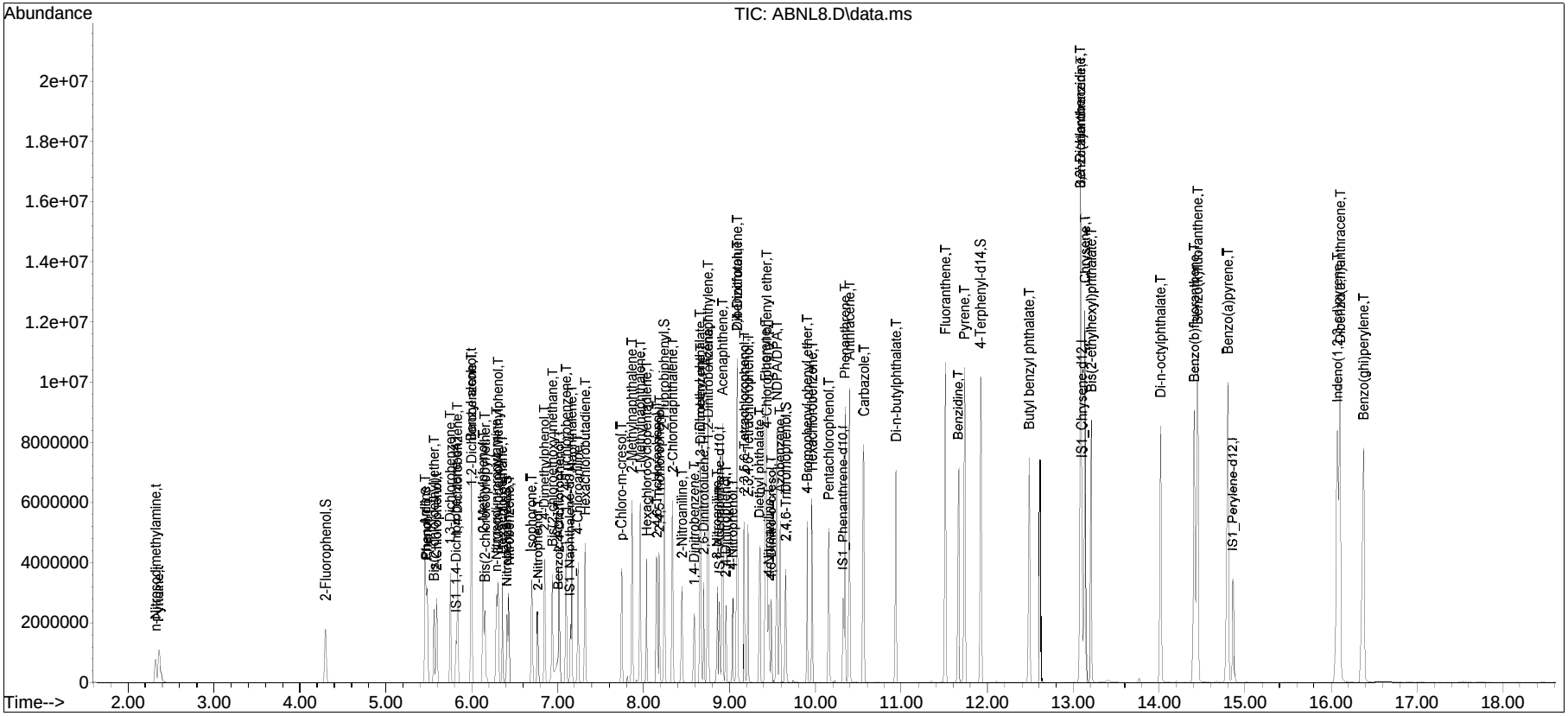
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL8.D
Acq On : 31 Jul 2025 11:07 pm
Operator : GCMS5:cmm
Sample : IL3,32,,ABNL100 Lot# 11718
Misc : WG2098562,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 04 06:00:01 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

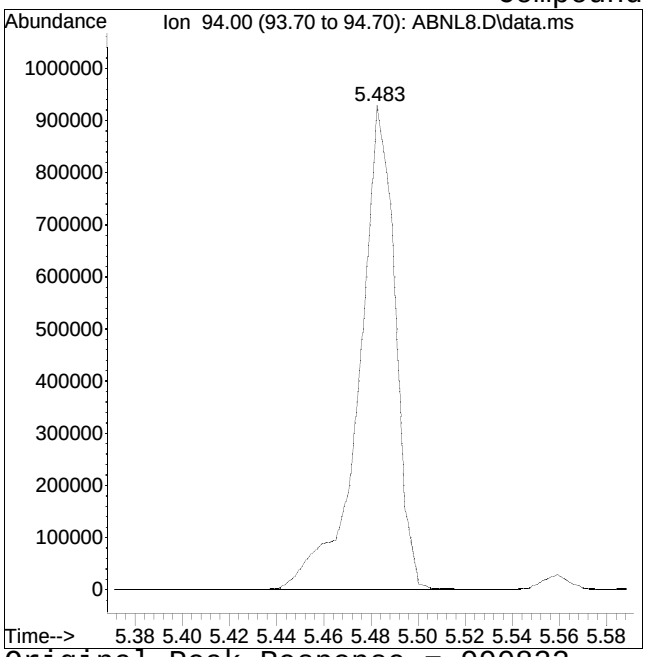
Sub List : ABNical - ABN ical sublistAL\ABNL7.D•



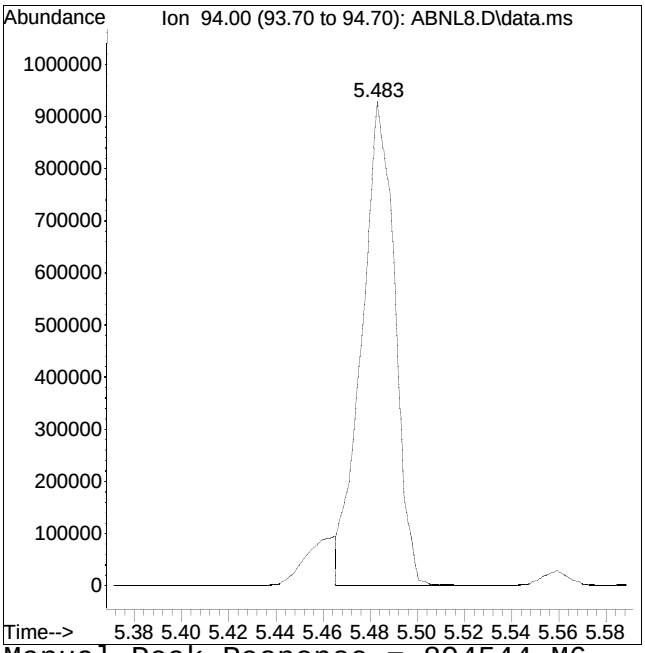
Manual Integration Report

Data Path : I:\8270\GCMS5\250731ICAL\ QMethod : FS250731GCMS5.m
Data File : ABNL8.D Operator : GCMS5:cmm
Date Inj'd : 7/31/2025 11:07 pm Instrument : GCMS5
Sample : IL3,32,,ABNL100 Lot# 11718Quant Date : 8/4/2025 6:00 am

Compound #8: Phenol



Original Peak Response = 990822



Manual Peak Response = 894544 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL7.D
Acq On : 31 Jul 2025 11:33 pm
Operator : GCMS5:cmm
Sample : IL4,32,,ABNL50 Lot# 11719
Misc : WG2098562,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 04 13:58:05 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	5.818	152	198086	40.000	ug/ml	0.00
Standard Area 1 = 198086			Recovery = 100.00%			
35) IS1_Naphthalene-d8	7.146	136	784642	40.000	ug/ml	0.00
Standard Area 1 = 784642			Recovery = 100.00%			
63) IS1_Acenaphthene-d10	8.885	164	499209	40.000	ug/ml	0.00
Standard Area 1 = 499209			Recovery = 100.00%			
88) IS1_Phenanthrene-d10	10.324	188	1031853	40.000	ug/ml	0.00
Standard Area 1 = 1031853			Recovery = 100.00%			
104) IS1_Chrysene-d12	13.098	240	1381862	40.000	ug/ml	0.00
Standard Area 1 = 1381862			Recovery = 100.00%			
113) IS1_Perylene-d12	14.854	264	1486603	40.000	ug/ml	0.00
Standard Area 1 = 1486603			Recovery = 100.00%			
System Monitoring Compounds						
4) 2-Fluorophenol	4.296	112	281150	50.831	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 101.66%			
7) Phenol-d6	5.465	99	382642	51.270	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 102.54%			
19) Nitrobenzene-d5	6.411	82	352504	51.846	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 207.38%#			
46) 2-Fluorobiphenyl	8.239	172	882731	49.163	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 196.65%#			
79) 2,4,6-Tribromophenol	9.655	330	157037	50.374	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 100.75%			
96) 4-Terphenyl-d14	11.923	244	1521557	51.353	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 205.41%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	2.316	74	184485	50.065	ug/ml#	85
3) Pyridine	2.357	79	326671	51.005	ug/ml	100
5) Aniline	5.454	93	493457	51.196	ug/ml#	84
6) 2-Chlorophenol	5.583	128	334834	50.471	ug/ml	98
8) Phenol	5.477	94	397432M6	50.127	ug/ml	
9) Bis(2-chloroethyl)ether	5.553	93	278770	48.389	ug/ml	92
10) 1,3-Dichlorobenzene	5.753	146	380413	49.051	ug/ml	98
11) 1,4-Dichlorobenzene	5.835	146	393883	48.466	ug/ml	99
12) 1,2-Dichlorobenzene	5.994	146	379351	48.511	ug/ml	99
13) Benzyl alcohol	5.988	79	278303	51.886	ug/ml	99
14) Bis(2-chloroisopropyl)...	6.153	45	472561	49.713	ug/ml	97

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL7.D
Acq On : 31 Jul 2025 11:33 pm
Operator : GCMS5:cmm
Sample : IL4,32,,ABNL50 Lot# 11719
Misc : WG2098562,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 04 13:58:05 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	6.129	108	298743	50.999	ug/ml	98
16) Hexachloroethane	6.352	117	143811	49.795	ug/ml	83
17) n-Nitrosodi-n-propylamine	6.282	70	245368	52.077	ug/ml#	93
18) 3-Methylphenol/4-Methy...	6.300	108	323331	51.352	ug/ml	98
20) Nitrobenzene	6.429	77	349997	51.511	ug/ml	97
21) Isophorone	6.687	82	651121	52.573	ug/ml	98
22) 2-Nitrophenol	6.764	139	183904	54.352	ug/ml	90
23) 2,4-Dimethylphenol	6.846	107	338064	51.822	ug/ml	100
24) Bis(2-chloroethoxy)met...	6.934	93	393433	50.021	ug/ml	98
25) 2,4-Dichlorophenol	7.016	162	327114	51.726	ug/ml	99
26) 1,2,4-Trichlorobenzene	7.099	180	361334	48.272	ug/ml	99
36) Naphthalene	7.163	128	1016490	48.198	ug/ml	100
37) Benzoic Acid	6.969	105	258081	50.625	ug/ml#	1
38) 4-Chloroaniline	7.234	65	132926	50.558	ug/ml	86
39) Hexachlorobutadiene	7.322	225	217336	48.412	ug/ml	99
40) p-Chloro-m-cresol	7.739	107	299380	52.076	ug/ml	98
41) 2-Methylnaphthalene	7.862	142	649623	49.482	ug/ml	94
42) 1-Methylnaphthalene	7.957	115	238576	49.674	ug/ml	94
43) Hexachlorocyclopentadiene	8.033	237	281746	51.302	ug/ml	98
44) 2,4,6-Trichlorophenol	8.150	196	281815	53.544	ug/ml	99
45) 2,4,5-Trichlorophenol	8.180	196	288718	49.939	ug/ml	98
47) 2-Chloronaphthalene	8.338	162	746843	49.374	ug/ml	100
48) 2-Nitroaniline	8.444	138	244611	54.645	ug/ml	89
49) 1,4-Dinitrobenzene	8.579	168	116870	53.411	ug/ml	99
50) 1,3-Dinitrobenzene	8.656	168	141472	52.528	ug/ml	95
51) Dimethyl phthalate	8.650	163	913663	49.809	ug/ml#	98
52) Acenaphthylene	8.744	152	1303085	51.117	ug/ml	98
53) 2,6-Dinitrotoluene	8.691	165	194754	54.024	ug/ml	96
54) 1,2-Dinitrobenzene	8.738	168	88725	52.515	ug/ml	98
64) 3-Nitroaniline	8.850	138	224899	53.824	ug/ml	92
65) Acenaphthene	8.914	154	714775	49.422	ug/ml	93
66) 2,4-Dinitrophenol	8.949	184	135416	46.627	ug/ml	97
67) Dibenzofuran	9.085	168	1177325	49.831	ug/ml	100
68) 2,4-Dinitrotoluene	9.085	165	304373	44.696	ug/ml	97
69) 4-Nitrophenol	9.032	65	179442	54.884	ug/ml	91
70) 2,3,5,6-Tetrachlorophenol	9.173	232	277510	52.430	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	9.214	232	266050	50.826	ug/ml	99
72) Diethyl phthalate	9.343	149	924669	50.620	ug/ml	99
73) Fluorene	9.420	166	973462	50.717	ug/ml	94
74) 4-Chlorophenyl phenyl ...	9.431	204	460834	49.844	ug/ml	99

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL7.D
Acq On : 31 Jul 2025 11:33 pm
Operator : GCMS5:cmm
Sample : IL4,32,,ABNL50 Lot# 11719
Misc : WG2098562,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 04 13:58:05 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 4-Nitroaniline	9.443	138	249143	56.037	ug/ml#	85
76) 4,6-Dinitro-o-cresol	9.478	198	184499	52.040	ug/ml	97
77) NDPA/DPA	9.549	169	819636	51.281	ug/ml	92
78) Azobenzene	9.584	77	849657	51.609	ug/ml#	95
80) 4-Bromophenyl phenyl e...	9.901	248	288721	48.699	ug/ml	98
81) Hexachlorobenzene	9.960	284	338302	48.173	ug/ml	95
82) Pentachlorophenol	10.148	266	240408	45.255	ug/ml	98
89) Phenanthrene	10.348	178	1510174	49.362	ug/ml	98
90) Anthracene	10.395	178	1550224	50.707	ug/ml	98
91) Carbazole	10.559	167	1462854	50.606	ug/ml	97
92) Di-n-butylphthalate	10.935	149	1651002	53.394	ug/ml	100
93) Fluoranthene	11.505	202	1870655	52.050	ug/ml#	94
94) Benzidine	11.658	184	1214877	50.153	ug/ml#	96
95) Pyrene	11.735	202	2025611	52.084	ug/ml	97
97) Butyl benzyl phthalate	12.487	149	802161	50.144	ug/ml	99
105) Benzo(a)anthracene	13.086	228	2370238	50.828	ug/ml	97
106) 3,3'-Dichlorobenzidine	13.080	252	913840	54.870	ug/ml#	96
107) Chrysene	13.133	228	2101880	49.071	ug/ml	96
108) Bis(2-ethylhexyl)phtha...	13.203	149	1248386	52.694	ug/ml#	95
109) Di-n-octylphthalate	14.014	149	2111881	53.705	ug/ml	99
110) Benzo(b)fluoranthene	14.396	252	2217335	49.108	ug/ml#	95
111) Benzo(k)fluoranthene	14.431	252	2334324	51.505	ug/ml#	95
112) Benzo(a)pyrene	14.784	252	2159125	50.506	ug/ml#	95
114) Indeno(1,2,3-cd)pyrene	16.059	276	2378309	55.356	ug/mL#	89
115) Dibenzo(a,h)anthracene	16.094	278	2291193	52.418	ug/ml#	94
116) Benzo(ghi)perylene	16.359	276	2196915	52.698	ug/ml#	92

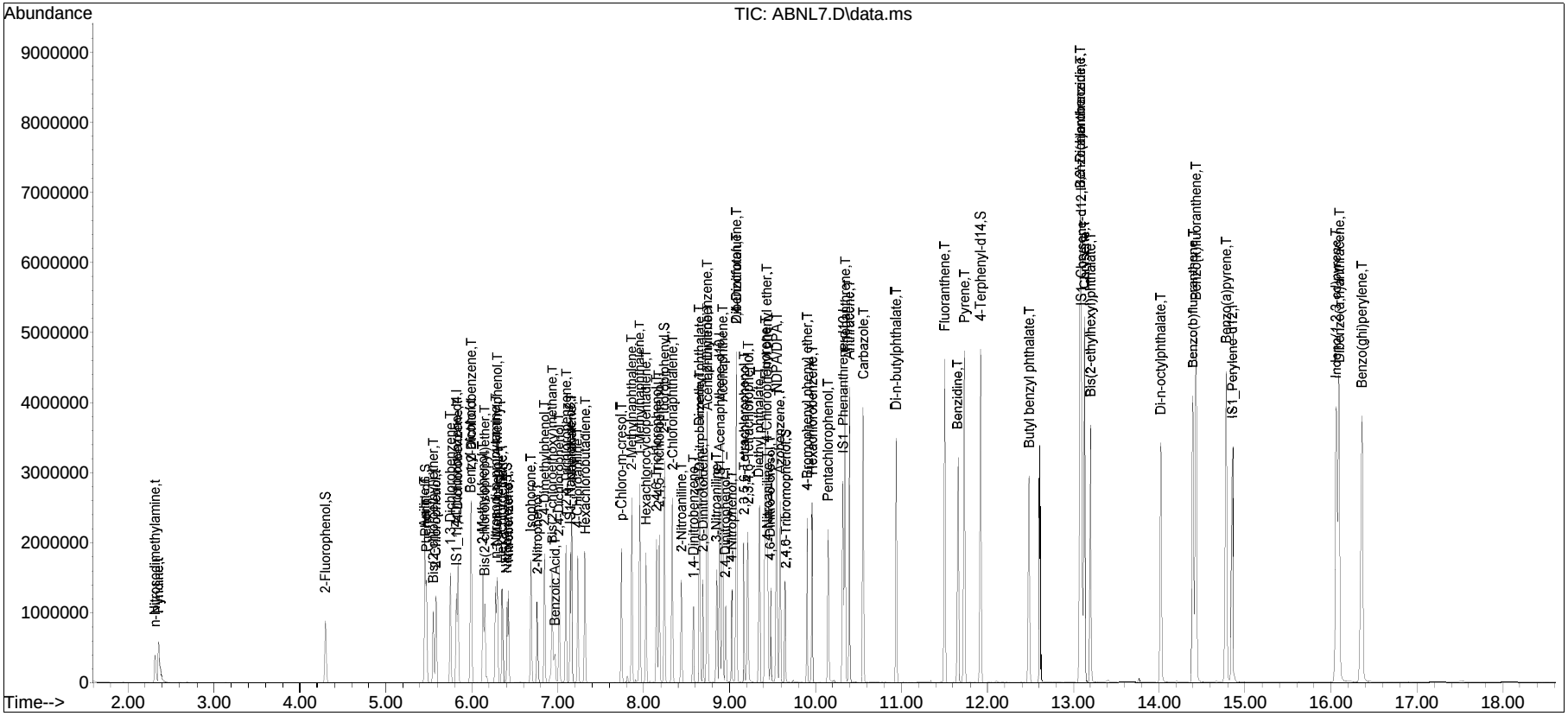
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL7.D
Acq On : 31 Jul 2025 11:33 pm
Operator : GCMS5:cmm
Sample : IL4,32,,ABNL50 Lot# 11719
Misc : WG2098562,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 04 13:58:05 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

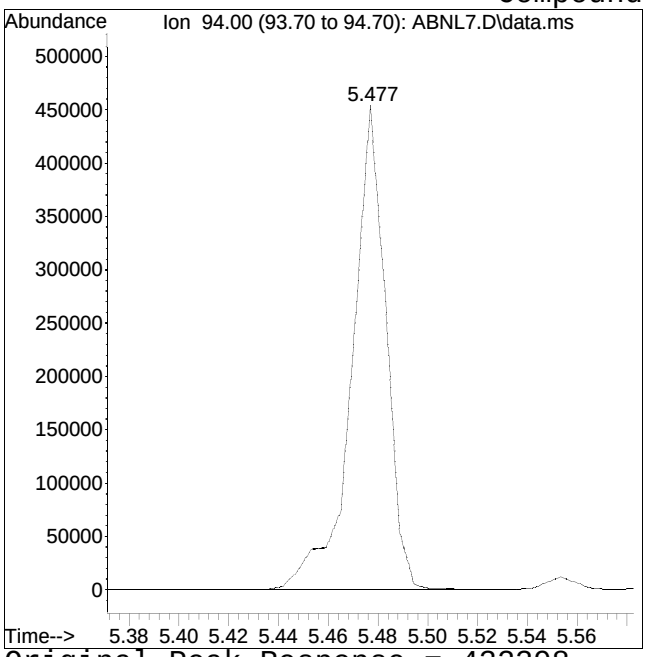
Sub List : ABNical - ABN ical sublistAL\ABNL7.D•



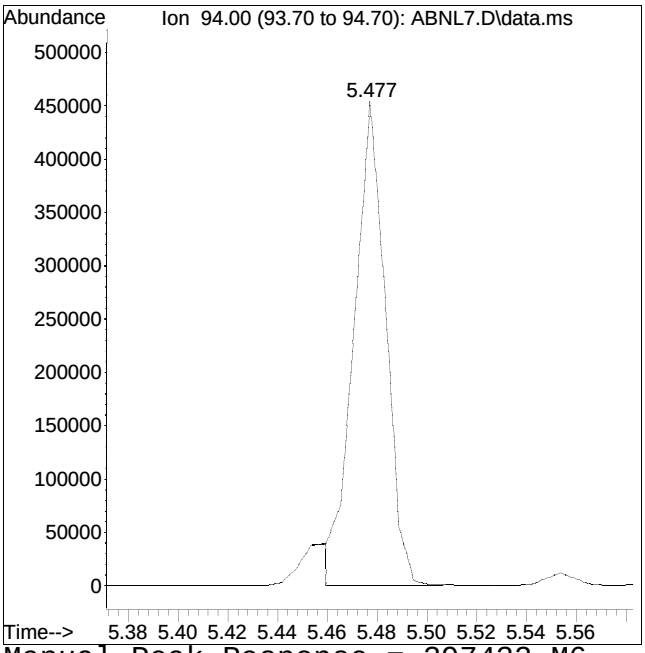
Manual Integration Report

Data Path : I:\8270\GCMS5\250731ICAL\ QMethod : FS250731GCMS5.m
Data File : ABNL7.D Operator : GCMS5:cmm
Date Inj'd : 7/31/2025 11:33 pm Instrument : GCMS5
Sample : IL4,32,,ABNL50 Lot# 11719 Quant Date : 8/4/2025 6:00 am

Compound #8: Phenol



Original Peak Response = 432398



Manual Peak Response = 397432 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL6.D
Acq On : 31 Jul 2025 11:58 pm
Operator : GCMS5:cmm
Sample : IL5,32,,ABNL25 Lot# 11720
Misc : WG2098562,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 04 05:59:44 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	5.818	152	218978	40.000	ug/ml	0.00
Standard Area 1 = 198086			Recovery = 110.55%			
35) IS1_Naphthalene-d8	7.146	136	866253	40.000	ug/ml	0.00
Standard Area 1 = 784642			Recovery = 110.40%			
63) IS1_Acenaphthene-d10	8.885	164	548176	40.000	ug/ml	0.00
Standard Area 1 = 499209			Recovery = 109.81%			
88) IS1_Phenanthrene-d10	10.324	188	1121206	40.000	ug/ml	0.00
Standard Area 1 = 1031853			Recovery = 108.66%			
104) IS1_Chrysene-d12	13.097	240	1407359	40.000	ug/ml	0.00
Standard Area 1 = 1381862			Recovery = 101.85%			
113) IS1_Perylene-d12	14.854	264	1646249	40.000	ug/ml	0.00
Standard Area 1 = 1486603			Recovery = 110.74%			
System Monitoring Compounds						
4) 2-Fluorophenol	4.296	112	156765	25.639	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 51.28%			
7) Phenol-d6	5.459	99	215581	26.130	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 52.26%			
19) Nitrobenzene-d5	6.411	82	198412	26.398	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.59%			
46) 2-Fluorobiphenyl	8.238	172	502072	25.328	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.31%			
79) 2,4,6-Tribromophenol	9.649	330	85638	25.017	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 50.03%			
96) 4-Terphenyl-d14	11.922	244	814199	25.289	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.16%			

Target Compounds					Qvalue
2) n-Nitrosodimethylamine	2.316	74	104872	25.745 ug/ml#	86
3) Pyridine	2.357	79	173462	24.500 ug/ml	99
5) Aniline	5.453	93	277057	26.002 ug/ml#	85
6) 2-Chlorophenol	5.583	128	185502	25.294 ug/ml	97
8) Phenol	5.477	94	221876M6	25.315 ug/ml	
9) Bis(2-chloroethyl)ether	5.553	93	164207	25.784 ug/ml	94
10) 1,3-Dichlorobenzene	5.753	146	213730	24.929 ug/ml	98
11) 1,4-Dichlorobenzene	5.835	146	223662	24.895 ug/ml	98
12) 1,2-Dichlorobenzene	5.994	146	215624	24.943 ug/ml	98
13) Benzyl alcohol	5.988	79	153224	25.841 ug/ml	99
14) Bis(2-chloroisopropyl)...	6.153	45	270218	25.714 ug/ml#	64

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL6.D
Acq On : 31 Jul 2025 11:58 pm
Operator : GCMS5:cmm
Sample : IL5,32,,ABNL25 Lot# 11720
Misc : WG2098562,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 04 05:59:44 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	6.129	108	168814	26.069	ug/ml	100
16) Hexachloroethane	6.352	117	81292	25.462	ug/ml	85
17) n-Nitrosodi-n-propylamine	6.282	70	135920	26.095	ug/ml#	93
18) 3-Methylphenol/4-Methy...	6.299	108	179142	25.737	ug/ml	97
20) Nitrobenzene	6.429	77	197822	26.337	ug/ml	97
21) Isophorone	6.687	82	363543	26.553	ug/ml	98
22) 2-Nitrophenol	6.764	139	102975	27.530	ug/ml	91
23) 2,4-Dimethylphenol	6.840	107	188985	26.206	ug/ml	99
24) Bis(2-chloroethoxy)met...	6.934	93	223270	25.678	ug/ml	98
25) 2,4-Dichlorophenol	7.016	162	181377	25.945	ug/ml	99
26) 1,2,4-Trichlorobenzene	7.098	180	207137	25.032	ug/ml	99
36) Naphthalene	7.163	128	585068	25.128	ug/ml	99
37) Benzoic Acid	6.946	105	134228	23.850	ug/ml#	1
38) 4-Chloroaniline	7.234	65	74549	25.683	ug/ml	85
39) Hexachlorobutadiene	7.316	225	124810	25.183	ug/ml	99
40) p-Chloro-m-cresol	7.739	107	166041	26.161	ug/ml	99
41) 2-Methylnaphthalene	7.862	142	366712	25.301	ug/ml	95
42) 1-Methylnaphthalene	7.956	115	132572	25.002	ug/ml	94
43) Hexachlorocyclopentadiene	8.033	237	154385	25.463	ug/ml	98
44) 2,4,6-Trichlorophenol	8.150	196	151304	26.039	ug/ml	98
45) 2,4,5-Trichlorophenol	8.180	196	165607	25.946	ug/ml	97
47) 2-Chloronaphthalene	8.338	162	424931	25.446	ug/ml	99
48) 2-Nitroaniline	8.444	138	134038	27.122	ug/ml	90
49) 1,4-Dinitrobenzene	8.579	168	63303	26.204	ug/ml	100
50) 1,3-Dinitrobenzene	8.656	168	75775	25.484	ug/ml	95
51) Dimethyl phthalate	8.644	163	511327	25.249	ug/ml#	98
52) Acenaphthylene	8.738	152	717417	25.491	ug/ml	98
53) 2,6-Dinitrotoluene	8.691	165	107183	26.931	ug/ml	96
54) 1,2-Dinitrobenzene	8.738	168	48484	25.993	ug/ml	99
64) 3-Nitroaniline	8.849	138	121828	26.552	ug/ml	93
65) Acenaphthene	8.914	154	395675	24.914	ug/ml	92
66) 2,4-Dinitrophenol	8.949	184	70151	23.674	ug/ml	97
67) Dibenzofuran	9.084	168	637084	24.556	ug/ml	99
68) 2,4-Dinitrotoluene	9.079	165	161845	22.338	ug/ml	98
69) 4-Nitrophenol	9.026	65	97248	27.087	ug/ml	91
70) 2,3,5,6-Tetrachlorophenol	9.173	232	150107	25.826	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	9.214	232	146629	25.510	ug/ml	98
72) Diethyl phthalate	9.337	149	515642	25.707	ug/ml	99
73) Fluorene	9.419	166	527674	25.036	ug/ml	95
74) 4-Chlorophenyl phenyl ...	9.431	204	253104	24.930	ug/ml	99

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL6.D
Acq On : 31 Jul 2025 11:58 pm
Operator : GCMS5:cmm
Sample : IL5,32,,ABNL25 Lot# 11720
Misc : WG2098562,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 04 05:59:44 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	9.437	138	134469	27.543	ug/ml#	85
76)	4,6-Dinitro-o-cresol	9.472	198	97965	25.164	ug/ml	98
77)	NDPA/DPA	9.543	169	452184	25.764	ug/ml	92
78)	Azobenzene	9.584	77	475008	26.275	ug/ml#	94
80)	4-Bromophenyl phenyl e...	9.901	248	158775	24.388	ug/ml	98
81)	Hexachlorobenzene	9.960	284	186583	24.195	ug/ml	95
82)	Pentachlorophenol	10.148	266	127765	22.870	ug/ml	99
89)	Phenanthrene	10.348	178	835664	25.138	ug/ml	98
90)	Anthracene	10.395	178	843369	25.388	ug/ml	98
91)	Carbazole	10.559	167	804907	25.626	ug/ml	97
92)	Di-n-butylphthalate	10.935	149	911490	27.129	ug/ml	99
93)	Fluoranthene	11.505	202	1000582	25.622	ug/ml#	94
94)	Benzidine	11.658	184	636504	24.182	ug/ml#	96
95)	Pyrene	11.734	202	1083856	25.648	ug/ml	97
97)	Butyl benzyl phthalate	12.486	149	426673	24.546	ug/ml	99
105)	Benzo(a)anthracene	13.086	228	1258009	26.489	ug/ml	97
106)	3,3'-Dichlorobenzidine	13.080	252	461473	27.207	ug/ml#	96
107)	Chrysene	13.127	228	1107032	25.377	ug/ml	96
108)	Bis(2-ethylhexyl)phtha...	13.203	149	676687	28.045	ug/ml#	94
109)	Di-n-octylphthalate	14.014	149	1117602	27.905	ug/ml	99
110)	Benzo(b)fluoranthene	14.396	252	1227568	26.695	ug/ml#	94
111)	Benzo(k)fluoranthene	14.431	252	1196989	25.932	ug/ml#	96
112)	Benzo(a)pyrene	14.778	252	1175966	27.010	ug/ml#	94
114)	Indeno(1,2,3-cd)pyrene	16.053	276	1245494	26.178	ug/mL#	89
115)	Dibenzo(a,h)anthracene	16.088	278	1229780	25.406	ug/ml#	93
116)	Benzo(ghi)perylene	16.353	276	1201878	26.034	ug/ml#	92

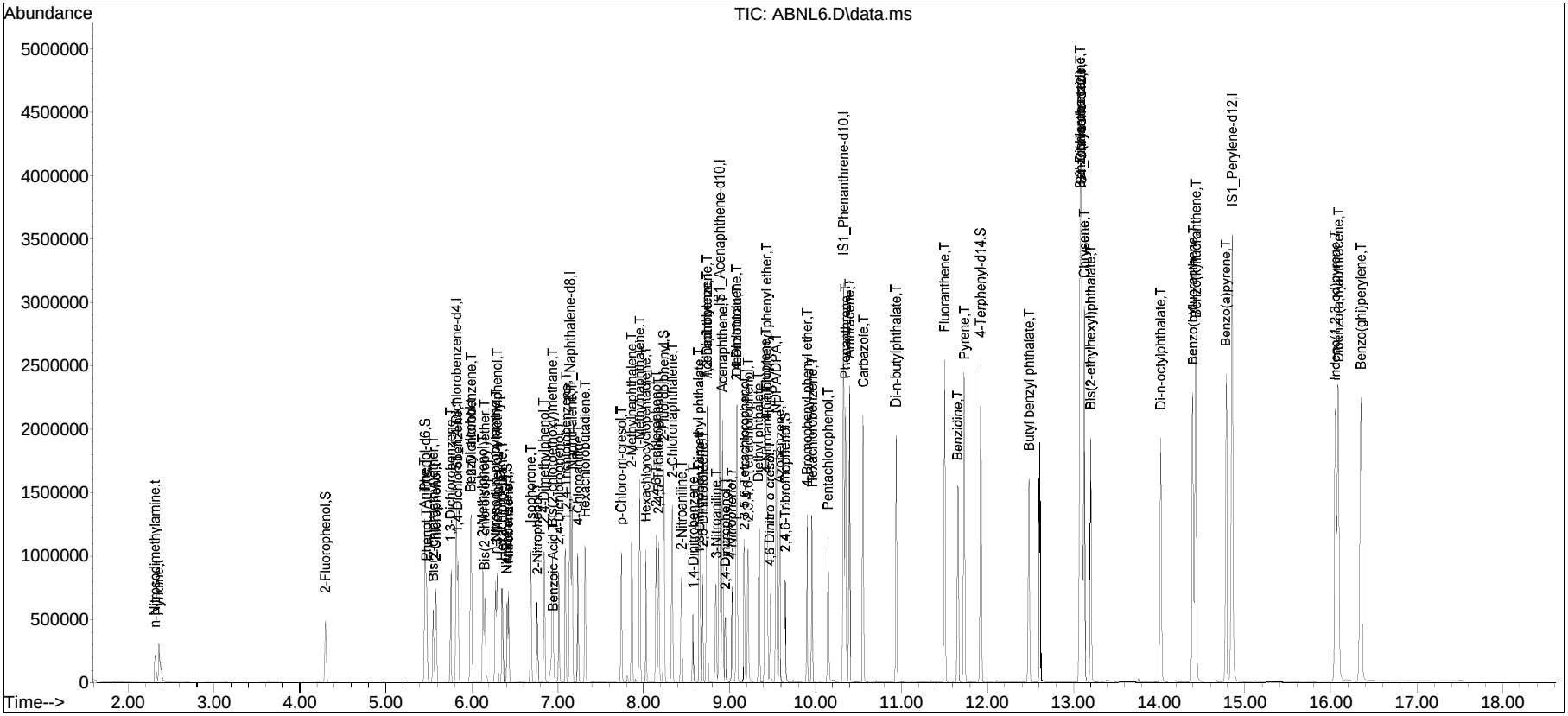
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL6.D
Acq On : 31 Jul 2025 11:58 pm
Operator : GCMS5:cmm
Sample : IL5,32,,ABNL25 Lot# 11720
Misc : WG2098562,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 04 05:59:44 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

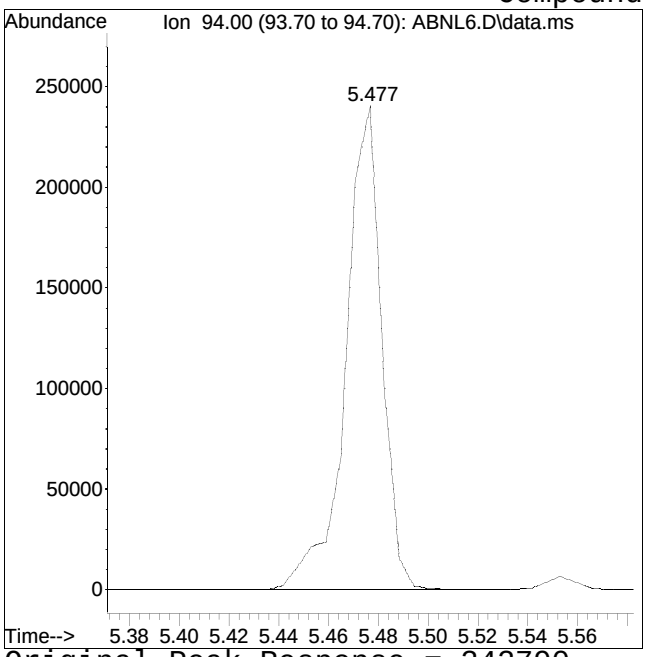
Sub List : ABNical - ABN ical sublistAL\ABNL7.D•



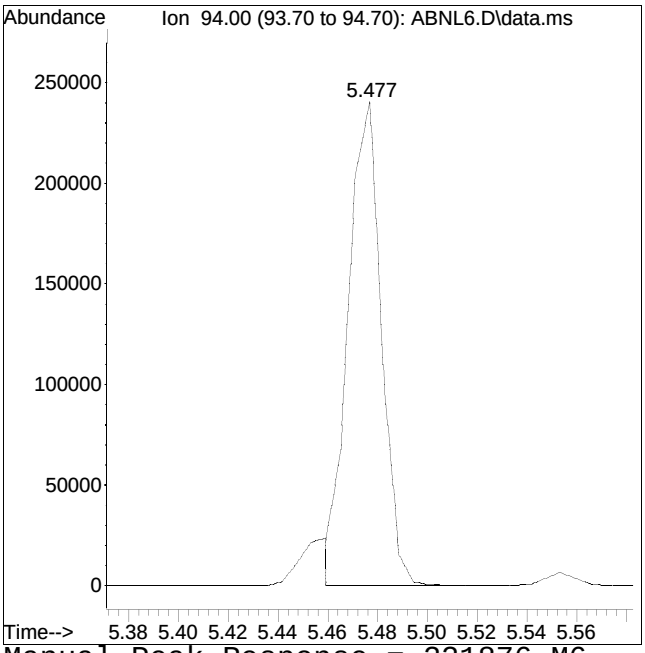
Manual Integration Report

Data Path : I:\8270\GCMS5\250731ICAL\ QMethod : FS250731GCMS5.m
Data File : ABNL6.D Operator : GCMS5:cmm
Date Inj'd : 7/31/2025 11:58 pm Instrument : GCMS5
Sample : IL5,32,,ABNL25 Lot# 11720 Quant Date : 8/4/2025 6:00 am

Compound #8: Phenol



Original Peak Response = 242790



Manual Peak Response = 221876 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL5.D
Acq On : 1 Aug 2025 12:24 am
Operator : GCMS5:cmm
Sample : IL6,32,,ABNL10 Lot# 11721
Misc : WG2098562,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 04 05:59:36 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	5.818	152	193364	40.000 ug/ml	0.00
Standard Area 1 = 198086			Recovery =	97.62%	
35) IS1_Naphthalene-d8	7.146	136	759533	40.000 ug/ml	0.00
Standard Area 1 = 784642			Recovery =	96.80%	
63) IS1_Acenaphthene-d10	8.885	164	475138	40.000 ug/ml	0.00
Standard Area 1 = 499209			Recovery =	95.18%	
88) IS1_Phenanthrene-d10	10.324	188	973483	40.000 ug/ml	0.00
Standard Area 1 = 1031853			Recovery =	94.34%	
104) IS1_Chrysene-d12	13.092	240	1178679	40.000 ug/ml	0.00
Standard Area 1 = 1381862			Recovery =	85.30%	
113) IS1_Perylene-d12	14.849	264	1404896	40.000 ug/ml	0.00
Standard Area 1 = 1486603			Recovery =	94.50%	
System Monitoring Compounds					
4) 2-Fluorophenol	4.296	112	53339	9.879 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery =	19.76%	
7) Phenol-d6	5.459	99	71877	9.866 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery =	19.73%	
19) Nitrobenzene-d5	6.405	82	65374	9.850 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	39.40%	
46) 2-Fluorobiphenyl	8.239	172	166646	9.588 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	38.35%	
79) 2,4,6-Tribromophenol	9.649	330	28241	9.518 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery =	19.04%	
96) 4-Terphenyl-d14	11.917	244	256635	9.181 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	36.72%	
Target Compounds					Qvalue
2) n-Nitrosodimethylamine	2.322	74	36317	10.096 ug/ml#	85
3) Pyridine	2.369	79	64402	10.301 ug/ml	99
5) Aniline	5.453	93	93493	9.937 ug/ml	95
6) 2-Chlorophenol	5.583	128	65202	10.068 ug/ml	99
8) Phenol	5.471	94	73976M6	9.558 ug/ml	
9) Bis(2-chloroethyl)ether	5.553	93	55985	9.955 ug/ml	93
10) 1,3-Dichlorobenzene	5.753	146	72641	9.595 ug/ml	99
11) 1,4-Dichlorobenzene	5.835	146	76599	9.655 ug/ml	98
12) 1,2-Dichlorobenzene	5.994	146	72961	9.558 ug/ml	99
13) Benzyl alcohol	5.988	79	49743	9.500 ug/ml	99
14) Bis(2-chloroisopropyl)...	6.153	45	92741	9.994 ug/ml#	64

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL5.D
Acq On : 1 Aug 2025 12:24 am
Operator : GCMS5:cmm
Sample : IL6,32,,ABNL10 Lot# 11721
Misc : WG2098562,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 04 05:59:36 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	6.129	108	55259	9.664	ug/ml	98
16) Hexachloroethane	6.358	117	27314	9.689	ug/ml	85
17) n-Nitrosodi-n-propylamine	6.282	70	44653	9.709	ug/ml	93
18) 3-Methylphenol/4-Methy...	6.300	108	60127	9.783	ug/ml	98
20) Nitrobenzene	6.429	77	65234	9.835	ug/ml	95
21) Isophorone	6.687	82	119244	9.863	ug/ml	97
22) 2-Nitrophenol	6.764	139	32048	9.703	ug/ml#	90
23) 2,4-Dimethylphenol	6.840	107	61785	9.702	ug/ml	99
24) Bis(2-chloroethoxy)met...	6.934	93	75413	9.822	ug/ml	98
25) 2,4-Dichlorophenol	7.011	162	60873	9.861	ug/ml	98
26) 1,2,4-Trichlorobenzene	7.093	180	68821	9.419	ug/ml	99
36) Naphthalene	7.163	128	198705	9.733	ug/ml	99
37) Benzoic Acid	6.917	105	32265M3	6.538	ug/ml	
38) 4-Chloroaniline	7.234	65	25206	9.904	ug/ml	84
39) Hexachlorobutadiene	7.316	225	42250	9.722	ug/ml	99
40) p-Chloro-m-cresol	7.739	107	53933	9.692	ug/ml	100
41) 2-Methylnaphthalene	7.862	142	121102	9.529	ug/ml	93
42) 1-Methylnaphthalene	7.956	115	44163	9.499	ug/ml	94
43) Hexachlorocyclopentadiene	8.033	237	49366	9.286	ug/ml	99
44) 2,4,6-Trichlorophenol	8.150	196	47844	9.391	ug/ml	100
45) 2,4,5-Trichlorophenol	8.180	196	53526	9.564	ug/ml	98
47) 2-Chloronaphthalene	8.332	162	138954	9.490	ug/ml	100
48) 2-Nitroaniline	8.444	138	41268	9.524	ug/ml	89
49) 1,4-Dinitrobenzene	8.573	168	19368	9.144	ug/ml	98
50) 1,3-Dinitrobenzene	8.650	168	23875	9.158	ug/ml	99
51) Dimethyl phthalate	8.644	163	170556	9.605	ug/ml#	98
52) Acenaphthylene	8.738	152	234150	9.489	ug/ml	98
53) 2,6-Dinitrotoluene	8.691	165	35070	10.050	ug/ml	96
54) 1,2-Dinitrobenzene	8.732	168	15157	9.268	ug/ml	95
64) 3-Nitroaniline	8.844	138	40285	10.130	ug/ml	92
65) Acenaphthene	8.914	154	131412	9.547	ug/ml	94
66) 2,4-Dinitrophenol	8.949	184	19663	9.804	ug/ml	93
67) Dibenzofuran	9.085	168	212416	9.446	ug/ml	100
68) 2,4-Dinitrotoluene	9.079	165	50634	8.924	ug/ml	98
69) 4-Nitrophenol	9.026	65	31093	9.992	ug/ml	90
70) 2,3,5,6-Tetrachlorophenol	9.167	232	48548	9.637	ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	9.208	232	48052	9.645	ug/ml	99
72) Diethyl phthalate	9.337	149	169067	9.724	ug/ml	99
73) Fluorene	9.414	166	171991	9.415	ug/ml	94
74) 4-Chlorophenyl phenyl ...	9.431	204	83113	9.445	ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL5.D
Acq On : 1 Aug 2025 12:24 am
Operator : GCMS5:cmm
Sample : IL6,32,,ABNL10 Lot# 11721
Misc : WG2098562,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 04 05:59:36 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	9.437	138	42881	10.133	ug/ml	83
76)	4,6-Dinitro-o-cresol	9.472	198	27674	8.201	ug/ml	96
77)	NDPA/DPA	9.543	169	145102	9.538	ug/ml	90
78)	Azobenzene	9.578	77	155290	9.910	ug/ml#	94
80)	4-Bromophenyl phenyl e...	9.901	248	53422	9.467	ug/ml	98
81)	Hexachlorobenzene	9.954	284	61718	9.234	ug/ml	94
82)	Pentachlorophenol	10.148	266	38752	9.221	ug/ml	100
89)	Phenanthrene	10.342	178	276022	9.563	ug/ml	98
90)	Anthracene	10.395	178	274344	9.512	ug/ml	98
91)	Carbazole	10.553	167	265215	9.725	ug/ml	97
92)	Di-n-butylphthalate	10.935	149	281910	9.664	ug/ml	99
93)	Fluoranthene	11.505	202	322310	9.506	ug/ml#	93
94)	Benzidine	11.652	184	190896	8.353	ug/ml#	96
95)	Pyrene	11.729	202	348046	9.486	ug/ml	97
97)	Butyl benzyl phthalate	12.481	149	125533	8.318	ug/ml	99
105)	Benzo(a)anthracene	13.080	228	397109	9.984	ug/ml	98
106)	3,3'-Dichlorobenzidine	13.074	252	141831	9.984	ug/ml#	96
107)	Chrysene	13.121	228	364561	9.978	ug/ml	97
108)	Bis(2-ethylhexyl)phtha...	13.203	149	200609	9.927	ug/ml#	94
109)	Di-n-octylphthalate	14.014	149	317268	9.459	ug/ml	99
110)	Benzo(b)fluoranthene	14.390	252	391695	10.170	ug/ml#	94
111)	Benzo(k)fluoranthene	14.425	252	382976	9.907	ug/ml#	96
112)	Benzo(a)pyrene	14.778	252	368769	10.113	ug/ml#	94
114)	Indeno(1,2,3-cd)pyrene	16.047	276	381882	9.405	ug/mL#	88
115)	Dibenzo(a,h)anthracene	16.077	278	381893	9.245	ug/ml#	93
116)	Benzo(ghi)perylene	16.341	276	380988	9.670	ug/ml#	92

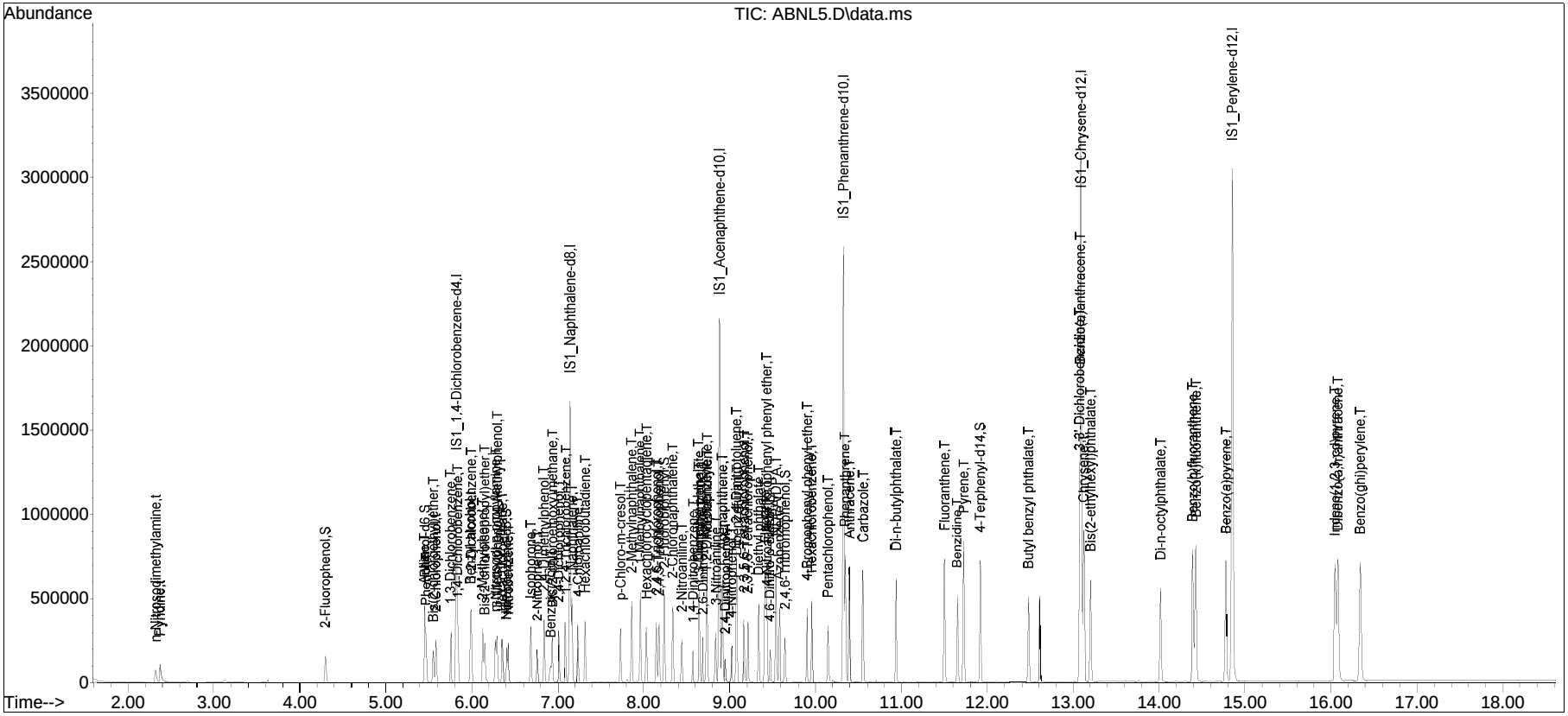
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL5.D
Acq On : 1 Aug 2025 12:24 am
Operator : GCMS5:cmm
Sample : IL6,32,,ABNL10 Lot# 11721
Misc : WG2098562,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 04 05:59:36 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

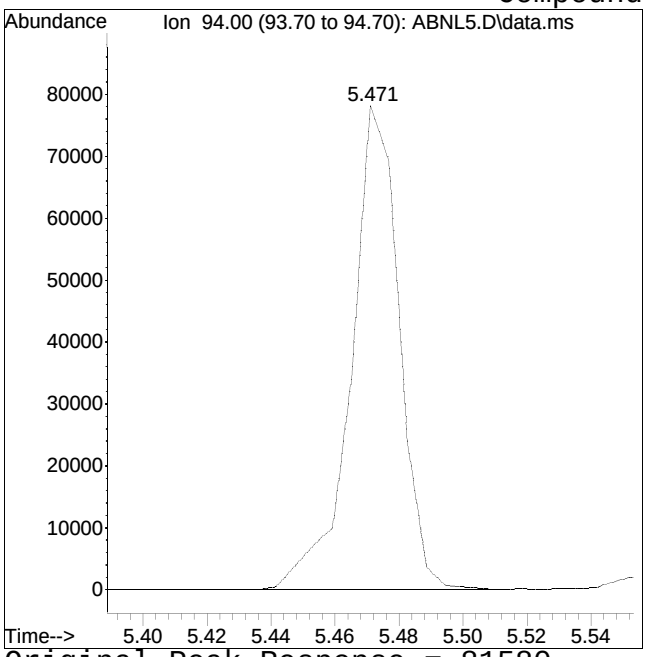
Sub List : ABNical - ABN ical sublistAL\ABNL7.D•



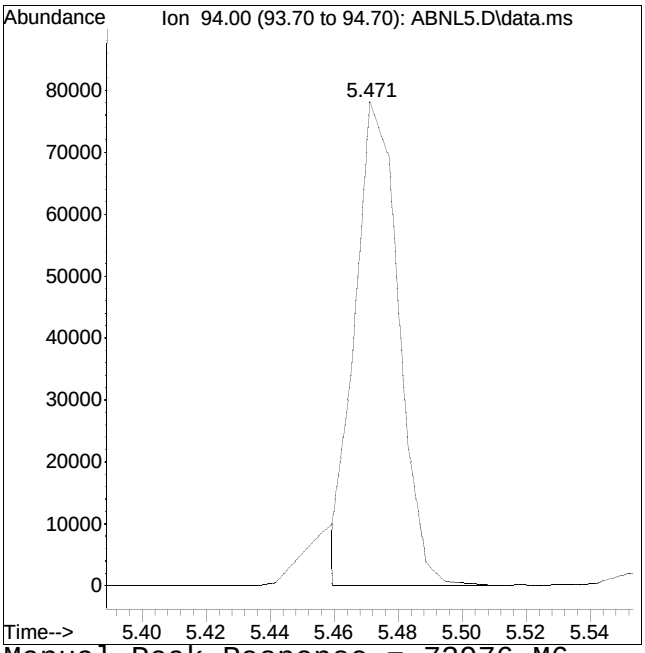
Manual Integration Report

Data Path : I:\8270\GCMS5\250731ICAL\ QMethod : FS250731GCMS5.m
Data File : ABNL5.D Operator : GCMS5:cmm
Date Inj'd : 8/1/2025 12:24 am Instrument : GCMS5
Sample : IL6,32,,ABNL10 Lot# 11721 Quant Date : 8/4/2025 6:00 am

Compound #8: Phenol



Original Peak Response = 81580



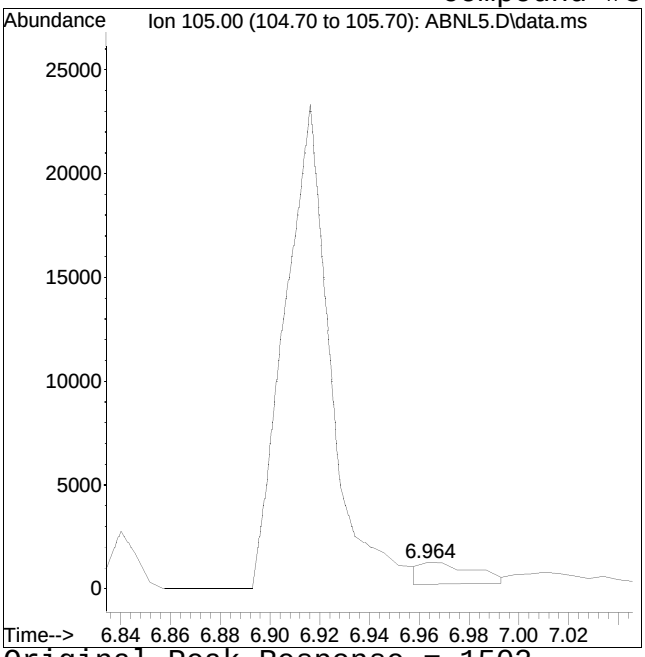
Manual Peak Response = 73976 M6

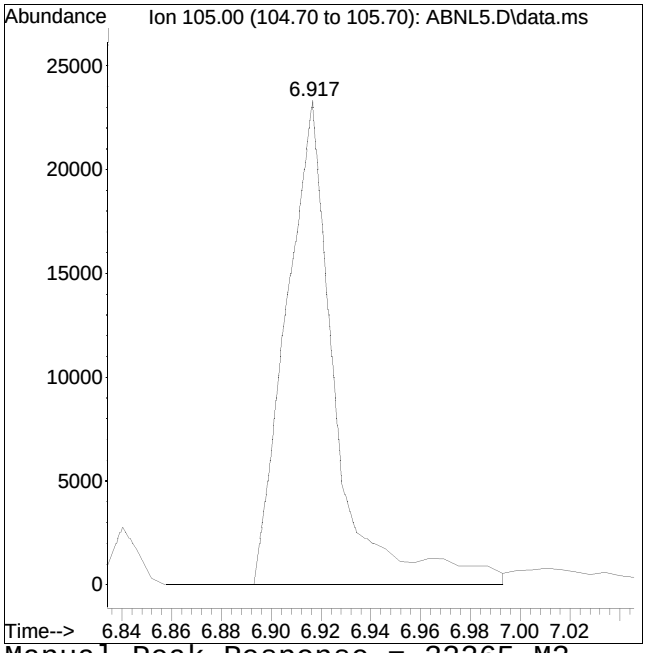
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\GCMS5\250731ICAL\ QMethod : FS250731GCMS5.m
Data File : ABNL5.D Operator : GCMS5:cmm
Date Inj'd : 8/1/2025 12:24 am Instrument : GCMS5
Sample : IL6,32,,ABNL10 Lot# 11721 Quant Date : 8/4/2025 6:00 am

Compound #37: Benzoic Acid





Original Peak Response = 1502 Manual Peak Response = 32265 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL4.D
Acq On : 1 Aug 2025 12:50 am
Operator : GCMS5:cmm
Sample : IL7,32,,ABNL5 Lot# 11722
Misc : WG2098562,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 04 05:59:27 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	5.818	152	182591	40.000	ug/ml	0.00
Standard Area 1 = 198086			Recovery = 92.18%			
35) IS1_Naphthalene-d8	7.146	136	709551	40.000	ug/ml	0.00
Standard Area 1 = 784642			Recovery = 90.43%			
63) IS1_Acenaphthene-d10	8.879	164	442922	40.000	ug/ml	0.00
Standard Area 1 = 499209			Recovery = 88.72%			
88) IS1_Phenanthrene-d10	10.324	188	907143	40.000	ug/ml	0.00
Standard Area 1 = 1031853			Recovery = 87.91%			
104) IS1_Chrysene-d12	13.092	240	1091818	40.000	ug/ml	0.00
Standard Area 1 = 1381862			Recovery = 79.01%			
113) IS1_Perylene-d12	14.848	264	1308986	40.000	ug/ml	0.00
Standard Area 1 = 1486603			Recovery = 88.05%			
System Monitoring Compounds						
4) 2-Fluorophenol	4.296	112	24712	4.847	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 9.69%#			
7) Phenol-d6	5.459	99	33269	4.836	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 9.67%#			
19) Nitrobenzene-d5	6.405	82	29829	4.760	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 19.04%#			
46) 2-Fluorobiphenyl	8.233	172	76891	4.736	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 18.94%#			
79) 2,4,6-Tribromophenol	9.649	330	12789	4.624	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 9.25%#			
96) 4-Terphenyl-d14	11.922	244	119616	4.592	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 18.37%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	2.328	74	16963	4.994	ug/ml#	86
3) Pyridine	2.375	79	29538	5.003	ug/ml	98
5) Aniline	5.453	93	42473	4.781	ug/ml	94
6) 2-Chlorophenol	5.583	128	29732	4.862	ug/ml	99
8) Phenol	5.471	94	34370M6	4.703	ug/ml	
9) Bis(2-chloroethyl)ether	5.553	93	26120	4.919	ug/ml	94
10) 1,3-Dichlorobenzene	5.753	146	34146	4.776	ug/ml	100
11) 1,4-Dichlorobenzene	5.835	146	36333	4.850	ug/ml	94
12) 1,2-Dichlorobenzene	5.994	146	34191	4.743	ug/ml	98
13) Benzyl alcohol	5.988	79	22104	4.471	ug/ml	97
14) Bis(2-chloroisopropyl)...	6.153	45	42712	4.875	ug/ml#	64

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL4.D
Acq On : 1 Aug 2025 12:50 am
Operator : GCMS5:cmm
Sample : IL7,32,,ABNL5 Lot# 11722
Misc : WG2098562,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 04 05:59:27 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	6.129	108	25498	4.722	ug/ml	99
16) Hexachloroethane	6.358	117	12646	4.750	ug/ml#	84
17) n-Nitrosodi-n-propylamine	6.282	70	20474	4.714	ug/ml	94
18) 3-Methylphenol/4-Methy...	6.299	108	27387	4.719	ug/ml	97
20) Nitrobenzene	6.429	77	29839	4.764	ug/ml	94
21) Isophorone	6.687	82	54829	4.803	ug/ml	97
22) 2-Nitrophenol	6.764	139	14107	4.523	ug/ml	89
23) 2,4-Dimethylphenol	6.840	107	28592	4.755	ug/ml	99
24) Bis(2-chloroethoxy)met...	6.934	93	35309	4.870	ug/ml#	97
25) 2,4-Dichlorophenol	7.010	162	27274	4.679	ug/ml	99
26) 1,2,4-Trichlorobenzene	7.093	180	32619	4.728	ug/ml	99
36) Naphthalene	7.163	128	93804	4.919	ug/ml	99
37) Benzoic Acid	6.905	105	9587	2.080	ug/ml#	1
38) 4-Chloroaniline	7.234	65	11341	4.770	ug/ml	87
39) Hexachlorobutadiene	7.316	225	19904	4.903	ug/ml	97
40) p-Chloro-m-cresol	7.739	107	24416	4.697	ug/ml	98
41) 2-Methylnaphthalene	7.862	142	56974	4.799	ug/ml	96
42) 1-Methylnaphthalene	7.956	115	20977	4.830	ug/ml	92
43) Hexachlorocyclopentadiene	8.033	237	22200	4.470	ug/ml	96
44) 2,4,6-Trichlorophenol	8.150	196	21831	4.587	ug/ml	99
45) 2,4,5-Trichlorophenol	8.180	196	24427	4.672	ug/ml	97
47) 2-Chloronaphthalene	8.332	162	65844	4.814	ug/ml	98
48) 2-Nitroaniline	8.444	138	17347	4.285	ug/ml	87
49) 1,4-Dinitrobenzene	8.573	168	8123	4.105	ug/ml	97
50) 1,3-Dinitrobenzene	8.650	168	9433	3.873	ug/ml	94
51) Dimethyl phthalate	8.644	163	76709	4.624	ug/ml#	98
52) Acenaphthylene	8.738	152	106759	4.631	ug/ml	98
53) 2,6-Dinitrotoluene	8.685	165	14885	4.566	ug/ml	91
54) 1,2-Dinitrobenzene	8.732	168	6799	4.450	ug/ml	96
64) 3-Nitroaniline	8.844	138	17407	4.695	ug/ml	93
65) Acenaphthene	8.914	154	60879	4.744	ug/ml	92
66) 2,4-Dinitrophenol	8.949	184	6743	5.614	ug/ml	95
67) Dibenzofuran	9.079	168	98251	4.687	ug/ml	100
68) 2,4-Dinitrotoluene	9.079	165	21565	4.809	ug/ml	93
69) 4-Nitrophenol	9.026	65	13946	4.808	ug/ml	92
70) 2,3,5,6-Tetrachlorophenol	9.167	232	21202	4.515	ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	9.208	232	21206	4.566	ug/ml	99
72) Diethyl phthalate	9.337	149	77765	4.798	ug/ml	100
73) Fluorene	9.414	166	77467	4.549	ug/ml	92
74) 4-Chlorophenyl phenyl ...	9.431	204	38674	4.715	ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL4.D
Acq On : 1 Aug 2025 12:50 am
Operator : GCMS5:cmm
Sample : IL7,32,,ABNL5 Lot# 11722
Misc : WG2098562,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 04 05:59:27 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	9.431	138	18542	4.700	ug/ml#	81
76)	4,6-Dinitro-o-cresol	9.472	198	10864	3.454	ug/ml	97
77)	NDPA/DPA	9.543	169	66995	4.724	ug/ml	92
78)	Azobenzene	9.578	77	70401	4.820	ug/ml#	93
80)	4-Bromophenyl phenyl e...	9.901	248	24348	4.629	ug/ml	97
81)	Hexachlorobenzene	9.954	284	30057	4.824	ug/ml	96
82)	Pentachlorophenol	10.148	266	15908	5.110	ug/ml	98
89)	Phenanthrene	10.342	178	127979	4.758	ug/ml	99
90)	Anthracene	10.395	178	123514	4.596	ug/ml	98
91)	Carbazole	10.553	167	119813	4.715	ug/ml	98
92)	Di-n-butylphthalate	10.935	149	124214	4.569	ug/ml	99
93)	Fluoranthene	11.499	202	147794	4.678	ug/ml#	93
94)	Benzidine	11.652	184	79187	3.718	ug/ml#	96
95)	Pyrene	11.728	202	160053	4.681	ug/ml	98
97)	Butyl benzyl phthalate	12.481	149	52155	3.708	ug/ml	98
105)	Benzo(a)anthracene	13.080	228	180718	4.905	ug/ml	98
106)	3,3'-Dichlorobenzidine	13.074	252	60977	4.634	ug/ml	99
107)	Chrysene	13.121	228	166515	4.920	ug/ml	97
108)	Bis(2-ethylhexyl)phtha...	13.203	149	84670	4.523	ug/ml#	93
109)	Di-n-octylphthalate	14.014	149	124093	3.994	ug/ml	97
110)	Benzo(b)fluoranthene	14.390	252	179624	5.035	ug/ml#	94
111)	Benzo(k)fluoranthene	14.419	252	169464	4.732	ug/ml#	96
112)	Benzo(a)pyrene	14.772	252	163456	4.839	ug/ml#	94
114)	Indeno(1,2,3-cd)pyrene	16.047	276	161977M6	4.282	ug/mL	
115)	Dibenzo(a,h)anthracene	16.076	278	173443	4.506	ug/ml#	93
116)	Benzo(ghi)perylene	16.341	276	173971	4.739	ug/ml#	92

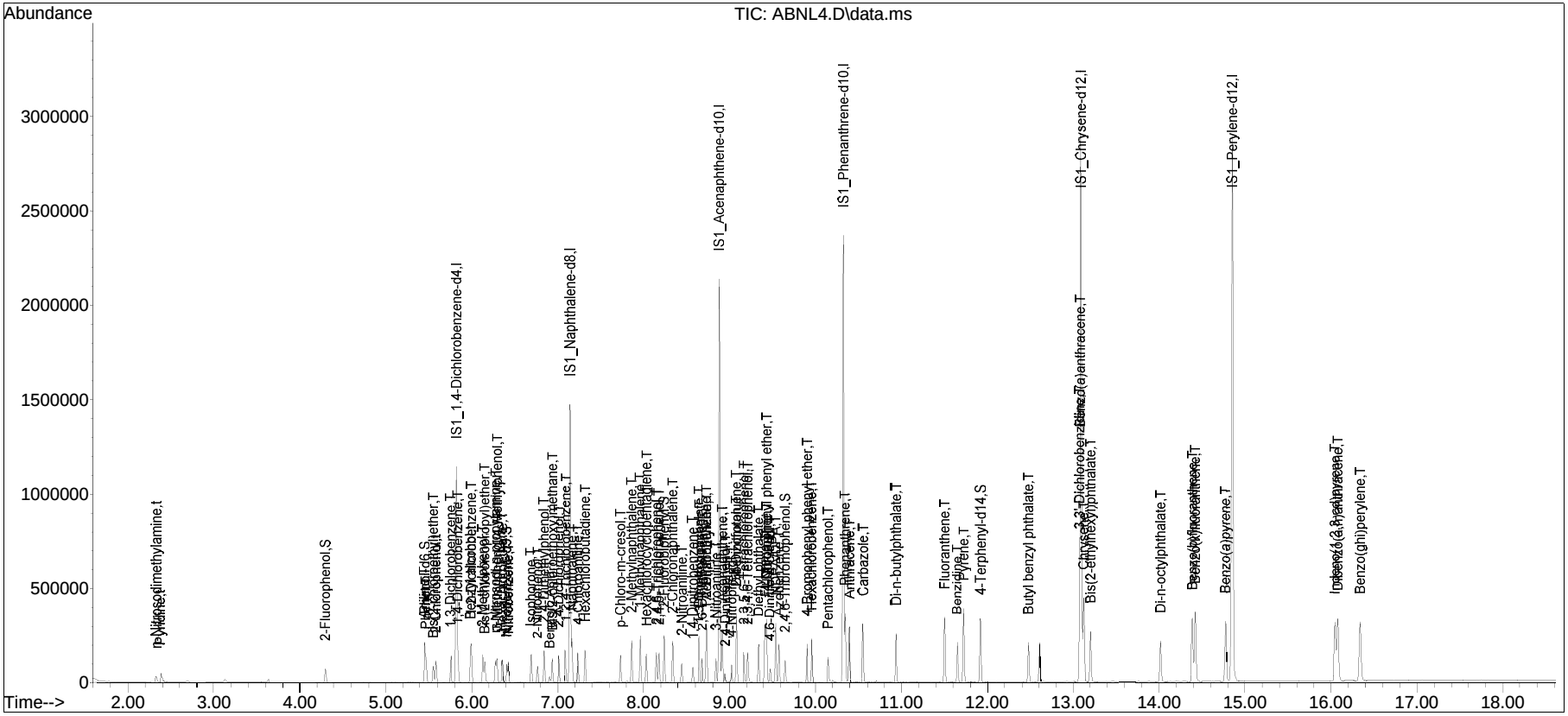
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL4.D
Acq On : 1 Aug 2025 12:50 am
Operator : GCMS5:cmm
Sample : IL7,32,,ABNL5 Lot# 11722
Misc : WG2098562,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 04 05:59:27 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

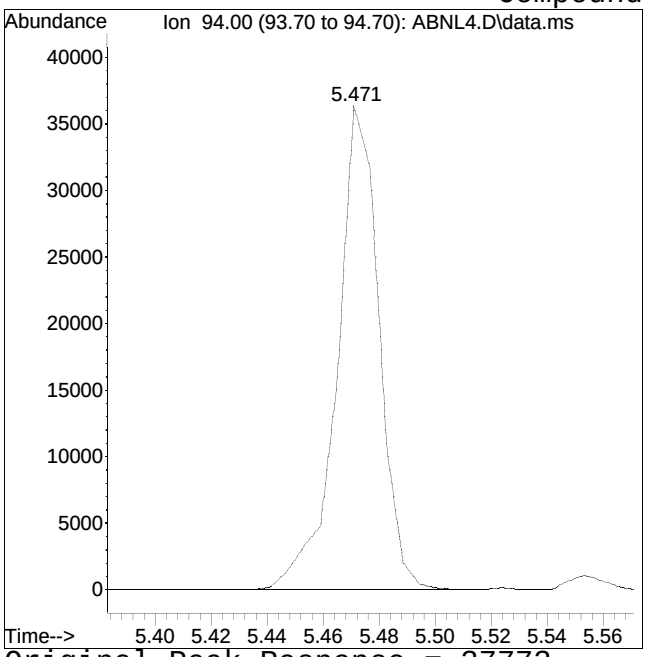
Sub List : ABNical - ABN ical sublistAL\ABNL7.D•



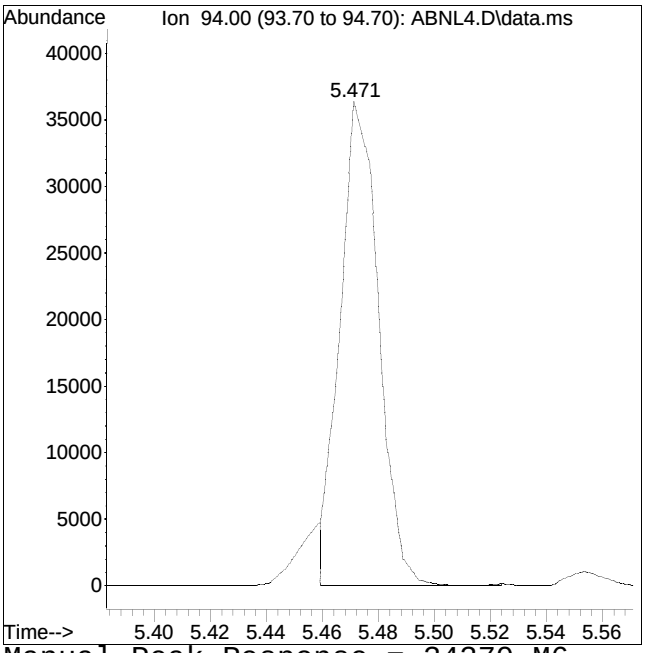
Manual Integration Report

Data Path	: I:\8270\GCMS5\250731ICAL\	QMethod	: FS250731GCMS5.m
Data File	: ABNL4.D	Operator	: GCMS5:cmm
Date Inj'd	: 8/1/2025 12:50 am	Instrument	: GCMS5
Sample	: IL7,32,,ABNL5 Lot# 11722	Quant Date	: 8/4/2025 6:00 am

Compound #8: Phenol



Original Peak Response = 37773



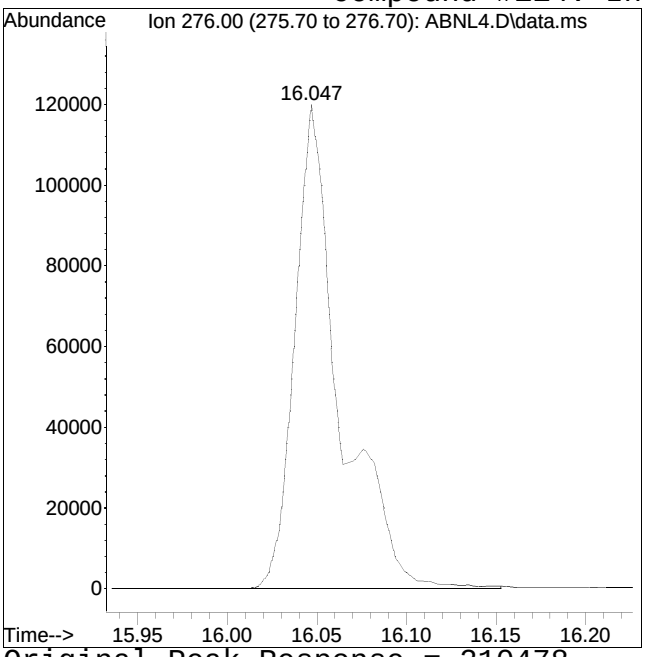
Manual Peak Response = 34370 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

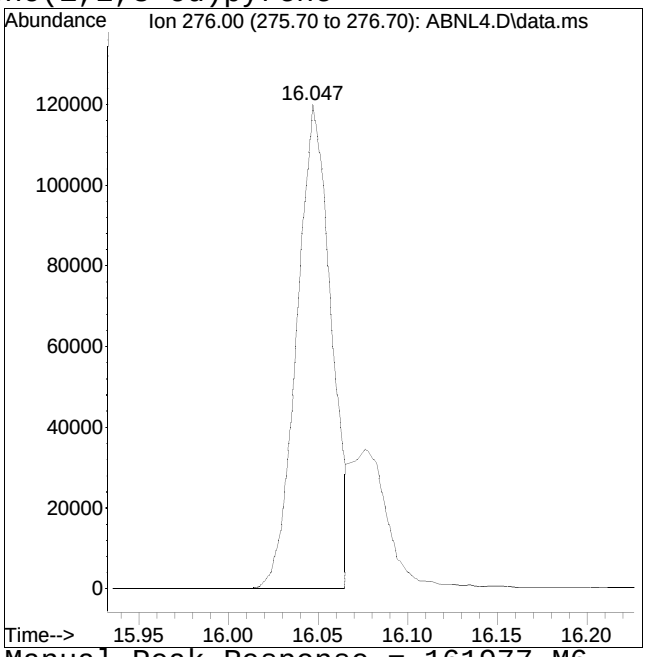
Manual Integration Report

Data Path : I:\8270\GCMS5\250731ICAL\ QMethod : FS250731GCMS5.m
Data File : ABNL4.D Operator : GCMS5:cmm
Date Inj'd : 8/1/2025 12:50 am Instrument : GCMS5
Sample : IL7,32,,ABNL5 Lot# 11722 Quant Date : 8/4/2025 6:00 am

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 210478



Manual Peak Response = 161977 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL3.D
Acq On : 1 Aug 2025 1:15 am
Operator : GCMS5:cmm
Sample : IL8,32,,ABNL3 Lot# 11723
Misc : WG2098562,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 04 05:59:19 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	5.818	152	197264	40.000	ug/ml	0.00
Standard Area 1 = 198086			Recovery = 99.59%			
35) IS1_Naphthalene-d8	7.146	136	761954	40.000	ug/ml	0.00
Standard Area 1 = 784642			Recovery = 97.11%			
63) IS1_Acenaphthene-d10	8.879	164	469672	40.000	ug/ml	0.00
Standard Area 1 = 499209			Recovery = 94.08%			
88) IS1_Phenanthrene-d10	10.324	188	942216	40.000	ug/ml	0.00
Standard Area 1 = 1031853			Recovery = 91.31%			
104) IS1_Chrysene-d12	13.092	240	1077388	40.000	ug/ml	0.00
Standard Area 1 = 1381862			Recovery = 77.97%			
113) IS1_Perylene-d12	14.849	264	1328942	40.000	ug/ml	0.00
Standard Area 1 = 1486603			Recovery = 89.39%			
System Monitoring Compounds						
4) 2-Fluorophenol	4.296	112	15695	2.849	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 5.70%#			
7) Phenol-d6	5.459	99	19748	2.657	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 5.31%#			
19) Nitrobenzene-d5	6.411	82	18297	2.702	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 10.81%#			
46) 2-Fluorobiphenyl	8.233	172	48723	2.794	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 11.18%#			
79) 2,4,6-Tribromophenol	9.649	330	7970	2.717	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 5.43%#			
96) 4-Terphenyl-d14	11.923	244	71896	2.657	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 10.63%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	2.328	74	10454	2.849	ug/ml#	85
3) Pyridine	2.386	79	16072	2.520	ug/ml	94
5) Aniline	5.454	93	26454	2.756	ug/ml	94
6) 2-Chlorophenol	5.583	128	18412	2.787	ug/ml	97
8) Phenol	5.471	94	21323M6	2.701	ug/ml	
9) Bis(2-chloroethyl)ether	5.553	93	16806	2.929	ug/ml	94
10) 1,3-Dichlorobenzene	5.753	146	22286	2.886	ug/ml	99
11) 1,4-Dichlorobenzene	5.835	146	23541	2.909	ug/ml#	93
12) 1,2-Dichlorobenzene	5.994	146	21577	2.771	ug/ml	98
13) Benzyl alcohol	5.988	79	13752	2.575	ug/ml	97
14) Bis(2-chloroisopropyl)...	6.153	45	27722	2.928	ug/ml#	65

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL3.D
Acq On : 1 Aug 2025 1:15 am
Operator : GCMS5:cmm
Sample : IL8,32,,ABNL3 Lot# 11723
Misc : WG2098562,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 04 05:59:19 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	6.129	108	15450	2.648	ug/ml	98
16) Hexachloroethane	6.358	117	8090	2.813	ug/ml	85
17) n-Nitrosodi-n-propylamine	6.282	70	12286	2.618	ug/ml#	91
18) 3-Methylphenol/4-Methy...	6.300	108	16747	2.671	ug/ml	95
20) Nitrobenzene	6.429	77	18650	2.756	ug/ml	93
21) Isophorone	6.687	82	33144	2.687	ug/ml	97
22) 2-Nitrophenol	6.764	139	8216	2.438	ug/ml#	86
23) 2,4-Dimethylphenol	6.840	107	16943	2.608	ug/ml	99
24) Bis(2-chloroethoxy)met...	6.934	93	21891	2.795	ug/ml	97
25) 2,4-Dichlorophenol	7.011	162	16572	2.631	ug/ml	97
26) 1,2,4-Trichlorobenzene	7.093	180	20615	2.766	ug/ml	98
36) Naphthalene	7.163	128	58104	2.837	ug/ml	98
37) Benzoic Acid	6.905	105	3429	0.693	ug/ml#	1
38) 4-Chloroaniline	7.234	65	6804	2.665	ug/ml	89
39) Hexachlorobutadiene	7.316	225	12247	2.809	ug/ml	99
40) p-Chloro-m-cresol	7.739	107	14557	2.608	ug/ml	98
41) 2-Methylnaphthalene	7.863	142	34945	2.741	ug/ml	93
42) 1-Methylnaphthalene	7.957	115	12361	2.650	ug/ml	93
43) Hexachlorocyclopentadiene	8.033	237	13305	2.495	ug/ml	98
44) 2,4,6-Trichlorophenol	8.150	196	12528	2.451	ug/ml	98
45) 2,4,5-Trichlorophenol	8.180	196	15118	2.693	ug/ml	93
47) 2-Chloronaphthalene	8.333	162	40796	2.777	ug/ml	98
48) 2-Nitroaniline	8.444	138	9617	2.212	ug/ml#	82
49) 1,4-Dinitrobenzene	8.573	168	4302	2.025	ug/ml	87
50) 1,3-Dinitrobenzene	8.650	168	5435	2.078	ug/ml	91
51) Dimethyl phthalate	8.644	163	47309	2.656	ug/ml#	98
52) Acenaphthylene	8.738	152	64824	2.619	ug/ml	98
53) 2,6-Dinitrotoluene	8.685	165	8582	2.452	ug/ml	91
54) 1,2-Dinitrobenzene	8.732	168	3812	2.323	ug/ml#	78
64) 3-Nitroaniline	8.844	138	10344	2.631	ug/ml	92
65) Acenaphthene	8.914	154	37734	2.773	ug/ml	92
66) 2,4-Dinitrophenol	8.950	184	3110	4.236	ug/ml	97
67) Dibenzofuran	9.085	168	61599	2.771	ug/ml	98
68) 2,4-Dinitrotoluene	9.079	165	12177	3.190	ug/ml	91
69) 4-Nitrophenol	9.026	65	7883	2.563	ug/ml	90
70) 2,3,5,6-Tetrachlorophenol	9.173	232	12692	2.549	ug/ml	94
71) 2,3,4,6-Tetrachlorophenol	9.214	232	12874	2.614	ug/ml	96
72) Diethyl phthalate	9.337	149	47044	2.737	ug/ml	100
73) Fluorene	9.414	166	47859	2.650	ug/ml	92
74) 4-Chlorophenyl phenyl ...	9.431	204	23708	2.726	ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL3.D
Acq On : 1 Aug 2025 1:15 am
Operator : GCMS5:cmm
Sample : IL8,32,,ABNL3 Lot# 11723
Misc : WG2098562,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 04 05:59:19 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	9.431	138	10911	2.608	ug/ml	84
76)	4,6-Dinitro-o-cresol	9.472	198	5228	1.567	ug/ml#	89
77)	NDPA/DPA	9.543	169	39561	2.631	ug/ml	90
78)	Azobenzene	9.578	77	41879	2.704	ug/ml#	94
80)	4-Bromophenyl phenyl e...	9.901	248	14759	2.646	ug/ml	98
81)	Hexachlorobenzene	9.954	284	18389	2.783	ug/ml	95
82)	Pentachlorophenol	10.148	266	9255	3.649	ug/ml	92
89)	Phenanthrene	10.342	178	78422	2.807	ug/ml	98
90)	Anthracene	10.395	178	75968	2.721	ug/ml	99
91)	Carbazole	10.554	167	70079	2.655	ug/ml	97
92)	Di-n-butylphthalate	10.935	149	69624	2.466	ug/ml	99
93)	Fluoranthene	11.505	202	86275	2.629	ug/ml#	93
94)	Benzidine	11.652	184	42928	1.941	ug/ml#	96
95)	Pyrene	11.729	202	93472	2.632	ug/ml	96
97)	Butyl benzyl phthalate	12.481	149	27538	1.885	ug/ml	97
105)	Benzo(a)anthracene	13.080	228	105071	2.890	ug/ml	99
106)	3,3'-Dichlorobenzidine	13.074	252	32332	2.490	ug/ml	96
107)	Chrysene	13.121	228	99171	2.970	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	13.203	149	44750	2.423	ug/ml#	92
109)	Di-n-octylphthalate	14.014	149	63433	2.069	ug/ml	97
110)	Benzo(b)fluoranthene	14.390	252	95927	2.725	ug/ml#	95
111)	Benzo(k)fluoranthene	14.420	252	105257	2.979	ug/ml#	96
112)	Benzo(a)pyrene	14.772	252	93442	2.804	ug/ml#	93
114)	Indeno(1,2,3-cd)pyrene	16.047	276	92904M6	2.419	ug/mL	
115)	Dibenzo(a,h)anthracene	16.077	278	103231	2.642	ug/ml#	92
116)	Benzo(ghi)perylene	16.341	276	103950	2.789	ug/ml#	91

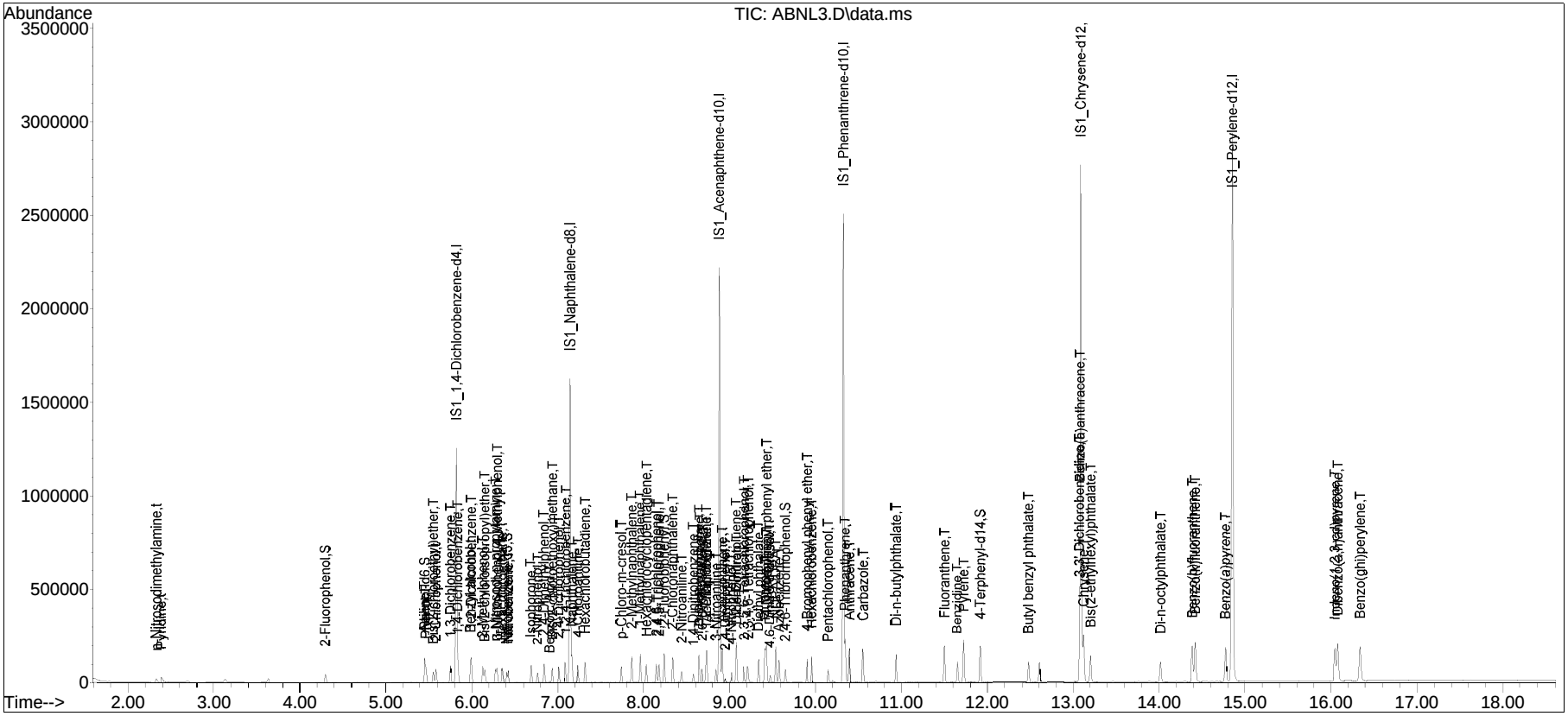
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL3.D
Acq On : 1 Aug 2025 1:15 am
Operator : GCMS5:cmm
Sample : IL8,32,,ABNL3 Lot# 11723
Misc : WG2098562,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 04 05:59:19 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

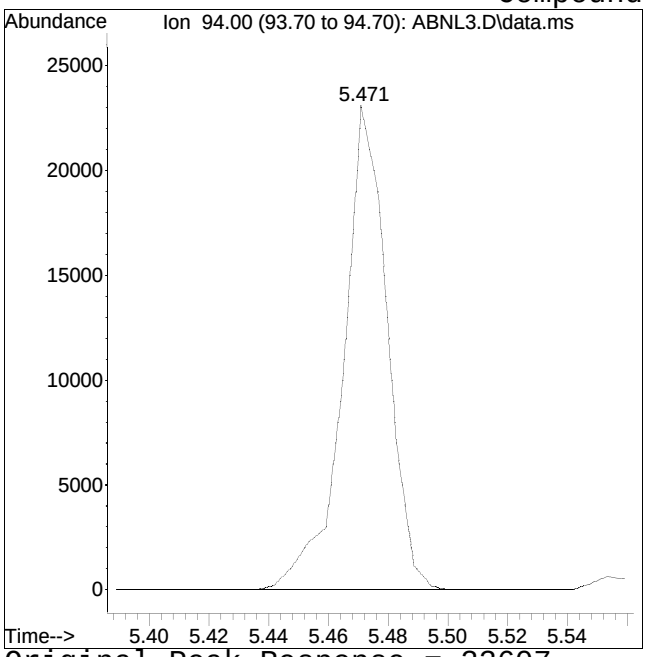
Sub List : ABNical - ABN ical sublistAL\ABNL7.D•



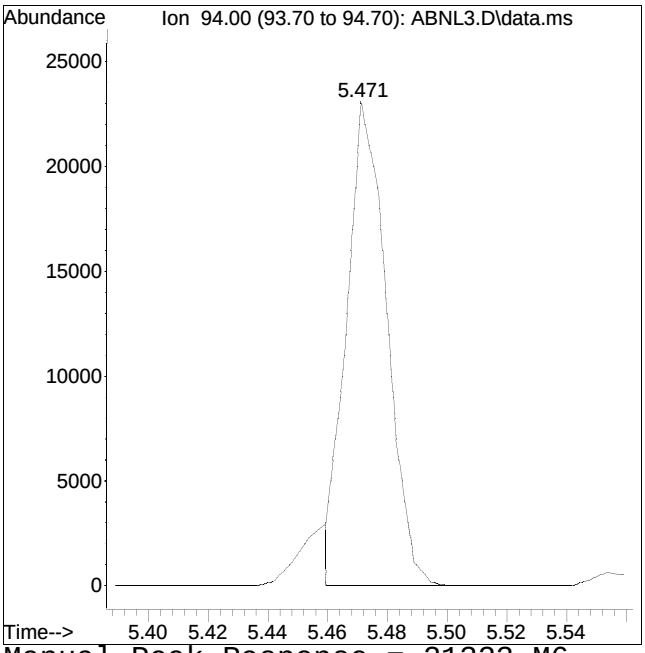
Manual Integration Report

Data Path : I:\8270\GCMS5\250731ICAL\ QMethod : FS250731GCMS5.m
Data File : ABNL3.D Operator : GCMS5:cmm
Date Inj'd : 8/1/2025 1:15 am Instrument : GCMS5
Sample : IL8,32,,ABNL3 Lot# 11723 Quant Date : 8/4/2025 6:00 am

Compound #8: Phenol



Original Peak Response = 23607



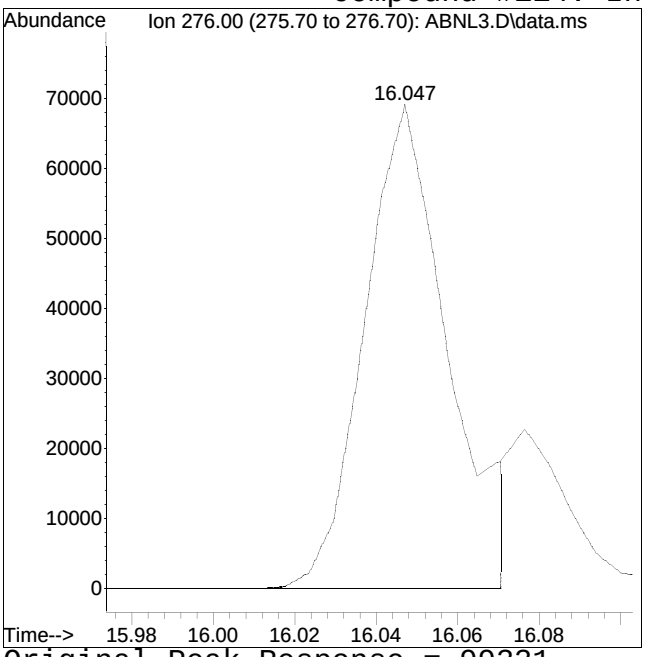
Manual Peak Response = 21323 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

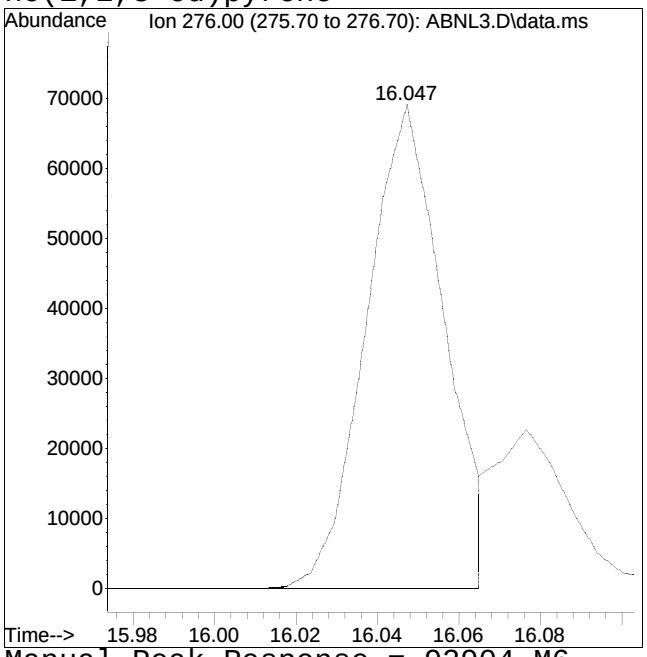
Manual Integration Report

Data Path : I:\8270\GCMS5\250731ICAL\ QMethod : FS250731GCMS5.m
Data File : ABNL3.D Operator : GCMS5:cmm
Date Inj'd : 8/1/2025 1:15 am Instrument : GCMS5
Sample : IL8,32,,ABNL3 Lot# 11723 Quant Date : 8/4/2025 6:00 am

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 99331



Manual Peak Response = 92904 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL2.D
Acq On : 1 Aug 2025 1:41 am
Operator : GCMS5:cmm
Sample : IL9,32,,ABNL2 Lot# 11724
Misc : WG2098562,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 04 05:59:12 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	5.818	152	165535	40.000	ug/ml	0.00
Standard Area 1 = 198086			Recovery = 83.57%			
35) IS1_Naphthalene-d8	7.146	136	636990	40.000	ug/ml	0.00
Standard Area 1 = 784642			Recovery = 81.18%			
63) IS1_Acenaphthene-d10	8.879	164	401657	40.000	ug/ml	0.00
Standard Area 1 = 499209			Recovery = 80.46%			
88) IS1_Phenanthrene-d10	10.324	188	844314	40.000	ug/ml	0.00
Standard Area 1 = 1031853			Recovery = 81.83%			
104) IS1_Chrysene-d12	13.092	240	1040336	40.000	ug/ml	0.00
Standard Area 1 = 1381862			Recovery = 75.29%			
113) IS1_Perylene-d12	14.848	264	1256407	40.000	ug/ml	0.00
Standard Area 1 = 1486603			Recovery = 84.52%			
System Monitoring Compounds						
4) 2-Fluorophenol	4.296	112	8470	1.832	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 3.66%#			
7) Phenol-d6	5.459	99	10991	1.762	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 3.52%#			
19) Nitrobenzene-d5	6.411	82	10315	1.815	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 7.26%#			
46) 2-Fluorobiphenyl	8.233	172	27017	1.853	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 7.41%#			
79) 2,4,6-Tribromophenol	9.649	330	4074	1.624	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 3.25%#			
96) 4-Terphenyl-d14	11.917	244	44236	1.825	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 7.30%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	2.328	74	5898	1.915	ug/ml#	87
3) Pyridine	2.386	79	10697	1.999	ug/ml	100
5) Aniline	5.453	93	15027	1.866	ug/ml	98
6) 2-Chlorophenol	5.583	128	10306	1.859	ug/ml	97
8) Phenol	5.471	94	12757	1.925	ug/ml	94
9) Bis(2-chloroethyl)ether	5.553	93	9508	1.975	ug/ml	95
10) 1,3-Dichlorobenzene	5.753	146	12436	1.919	ug/ml	100
11) 1,4-Dichlorobenzene	5.835	146	13091	1.928	ug/ml#	88
12) 1,2-Dichlorobenzene	5.994	146	12081	1.849	ug/ml	99
13) Benzyl alcohol	5.988	79	7746	1.728	ug/ml	94
14) Bis(2-chloroisopropyl)...	6.153	45	15173	1.910	ug/ml#	64

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL2.D
Acq On : 1 Aug 2025 1:41 am
Operator : GCMS5:cmm
Sample : IL9,32,,ABNL2 Lot# 11724
Misc : WG2098562,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 04 05:59:12 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	6.129	108	8443	1.725	ug/ml	94
16) Hexachloroethane	6.358	117	4544	1.883	ug/ml	84
17) n-Nitrosodi-n-propylamine	6.282	70	7081	1.798	ug/ml#	84
18) 3-Methylphenol/4-Methy...	6.300	108	9238	1.756	ug/ml	99
20) Nitrobenzene	6.429	77	10207	1.798	ug/ml	95
21) Isophorone	6.687	82	18126	1.751	ug/ml	100
22) 2-Nitrophenol	6.764	139	4694	1.660	ug/ml#	89
23) 2,4-Dimethylphenol	6.840	107	9125	1.674	ug/ml	97
24) Bis(2-chloroethoxy)met...	6.934	93	11963	1.820	ug/ml#	98
25) 2,4-Dichlorophenol	7.010	162	8868	1.678	ug/ml	99
26) 1,2,4-Trichlorobenzene	7.093	180	11920	1.906	ug/ml	98
36) Naphthalene	7.163	128	33290	1.944	ug/ml	100
37) Benzoic Acid	0.000		0	N.D.	d	
38) 4-Chloroaniline	7.234	65	3714	1.740	ug/ml	91
39) Hexachlorobutadiene	7.316	225	6955	1.908	ug/ml	96
40) p-Chloro-m-cresol	7.739	107	7984	1.711	ug/ml	99
41) 2-Methylnaphthalene	7.862	142	19822	1.860	ug/ml	94
42) 1-Methylnaphthalene	7.956	115	7082	1.816	ug/ml	97
43) Hexachlorocyclopentadiene	8.033	237	7154	1.605	ug/ml	97
44) 2,4,6-Trichlorophenol	8.150	196	7173	1.679	ug/ml	97
45) 2,4,5-Trichlorophenol	8.180	196	8407	1.791	ug/ml	93
47) 2-Chloronaphthalene	8.332	162	22967	1.870	ug/ml	99
48) 2-Nitroaniline	8.444	138	5391	1.483	ug/ml	84
49) 1,4-Dinitrobenzene	8.573	168	2383	1.341	ug/ml	80
50) 1,3-Dinitrobenzene	8.650	168	3087	1.412	ug/ml	88
51) Dimethyl phthalate	8.644	163	27704	1.860	ug/ml#	98
52) Acenaphthylene	8.738	152	37078	1.792	ug/ml	99
53) 2,6-Dinitrotoluene	8.685	165	4844	1.655	ug/ml	93
54) 1,2-Dinitrobenzene	8.732	168	1956	1.426	ug/ml#	74
64) 3-Nitroaniline	8.844	138	5500	1.636	ug/ml	87
65) Acenaphthene	8.914	154	21970	1.888	ug/ml	93
66) 2,4-Dinitrophenol	8.949	184	1773	3.882	ug/ml#	65
67) Dibenzofuran	9.079	168	35991	1.893	ug/ml	99
68) 2,4-Dinitrotoluene	9.079	165	6567	2.509	ug/ml	85
69) 4-Nitrophenol	9.020	65	4175	1.587	ug/ml	88
70) 2,3,5,6-Tetrachlorophenol	9.167	232	7154	1.680	ug/ml	96
71) 2,3,4,6-Tetrachlorophenol	9.214	232	7440	1.767	ug/ml	97
72) Diethyl phthalate	9.337	149	27788	1.891	ug/ml	98
73) Fluorene	9.414	166	27781	1.799	ug/ml	94
74) 4-Chlorophenyl phenyl ...	9.431	204	13603	1.829	ug/ml	98

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL2.D
Acq On : 1 Aug 2025 1:41 am
Operator : GCMS5:cmm
Sample : IL9,32,,ABNL2 Lot# 11724
Misc : WG2098562,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 04 05:59:12 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	9.431	138	5924	1.656	ug/ml#	80
76)	4,6-Dinitro-o-cresol	9.472	198	2550	0.894	ug/ml#	90
77)	NDPA/DPA	9.543	169	23531	1.830	ug/ml	94
78)	Azobenzene	9.578	77	23622	1.783	ug/ml#	91
80)	4-Bromophenyl phenyl e...	9.901	248	8698	1.823	ug/ml	98
81)	Hexachlorobenzene	9.954	284	11253	1.992	ug/ml	97
82)	Pentachlorophenol	10.154	266	4981	2.991	ug/ml	93
89)	Phenanthrene	10.342	178	47839	1.911	ug/ml	98
90)	Anthracene	10.395	178	45938	1.836	ug/ml	98
91)	Carbazole	10.553	167	43496	1.839	ug/ml	97
92)	Di-n-butylphthalate	10.935	149	42149	1.666	ug/ml	100
93)	Fluoranthene	11.505	202	51772	1.760	ug/ml#	94
94)	Benzidine	11.652	184	24730	1.248	ug/ml#	96
95)	Pyrene	11.729	202	57823	1.817	ug/ml	98
97)	Butyl benzyl phthalate	12.481	149	15677	1.198	ug/ml	94
105)	Benzo(a)anthracene	13.080	228	67180	1.914	ug/ml	98
106)	3,3'-Dichlorobenzidine	13.074	252	19801	1.579	ug/ml	94
107)	Chrysene	13.121	228	64999	2.016	ug/ml	96
108)	Bis(2-ethylhexyl)phtha...	13.203	149	25185	1.412	ug/ml#	95
109)	Di-n-octylphthalate	14.014	149	35753	1.208	ug/ml#	93
110)	Benzo(b)fluoranthene	14.390	252	60953	1.793	ug/ml#	94
111)	Benzo(k)fluoranthene	14.420	252	64993	1.905	ug/ml#	95
112)	Benzo(a)pyrene	14.772	252	58861	1.829	ug/ml#	94
114)	Indeno(1,2,3-cd)pyrene	16.047	276	63324M6	1.744	ug/mL	
115)	Dibenzo(a,h)anthracene	16.076	278	63741	1.725	ug/ml#	93
116)	Benzo(ghi)perylene	16.341	276	65610	1.862	ug/ml#	91

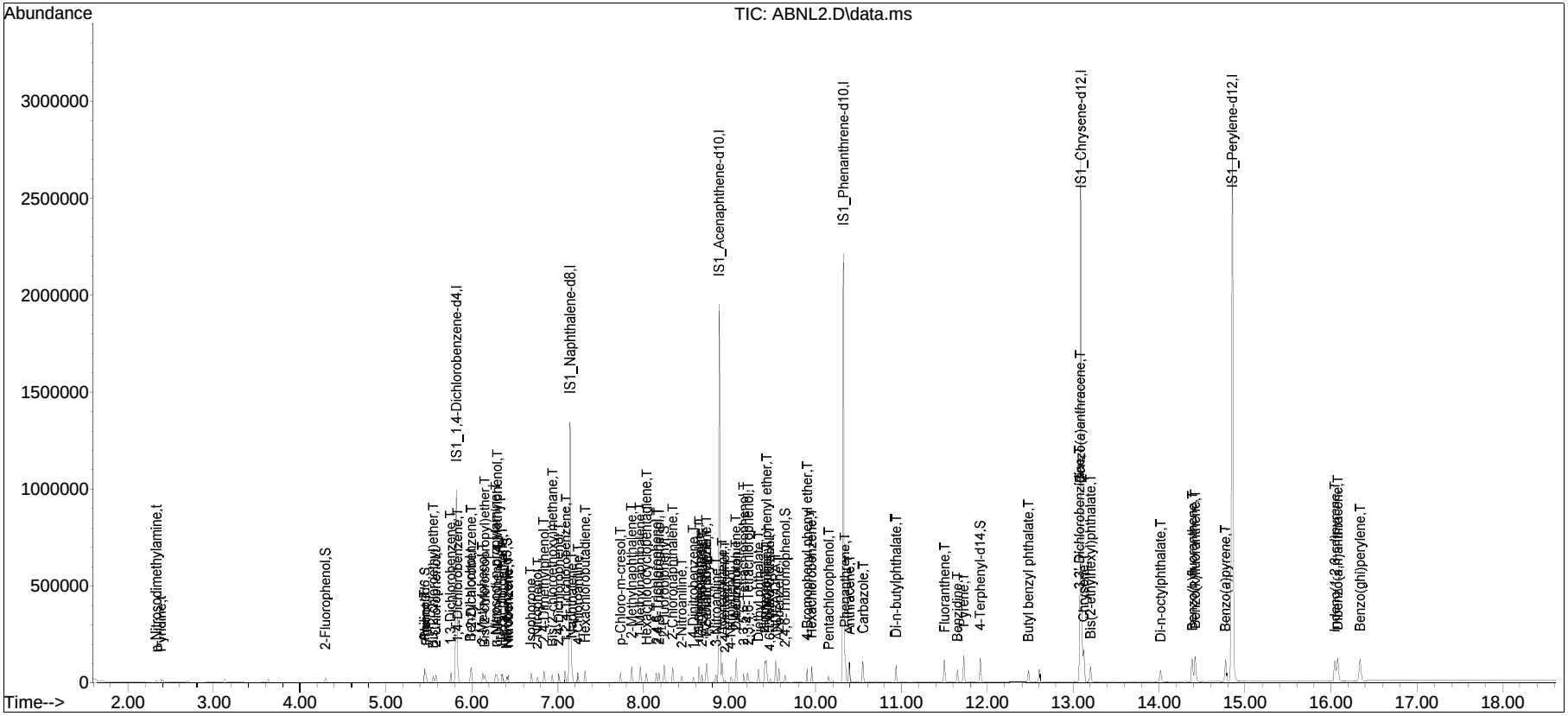
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL2.D
Acq On : 1 Aug 2025 1:41 am
Operator : GCMS5:cmm
Sample : IL9,32,,ABNL2 Lot# 11724
Misc : WG2098562,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 04 05:59:12 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

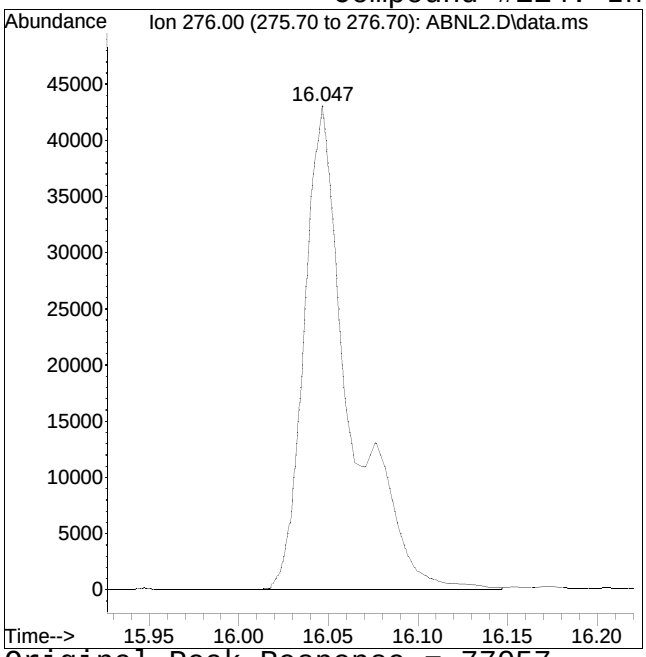
Sub List : ABNical - ABN ical sublistAL\ABNL7.D•



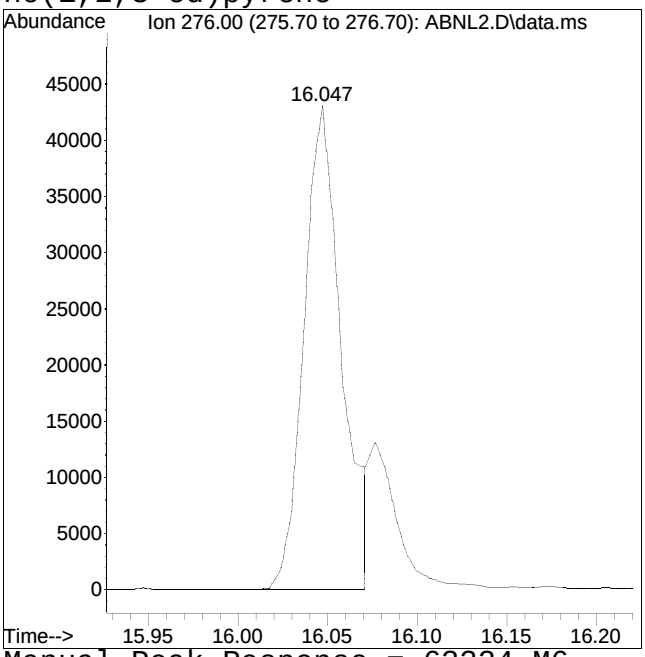
Manual Integration Report

Data Path : I:\8270\GCMS5\250731ICAL\ QMethod : FS250731GCMS5.m
Data File : ABNL2.D Operator : GCMS5:cmm
Date Inj'd : 8/1/2025 1:41 am Instrument : GCMS5
Sample : IL9,32,,ABNL2 Lot# 11724 Quant Date : 8/4/2025 6:00 am

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 77057



Manual Peak Response = 63324 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL1.D
Acq On : 1 Aug 2025 2:07 am
Operator : GCMS5:cmm
Sample : IL10,32,,ABNL1 Lot# 11725
Misc : WG2098562,,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 04 05:58:54 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	5.818	152	190168	40.000 ug/ml	0.00
Standard Area 1 = 198086			Recovery =	96.00%	
35) IS1_Naphthalene-d8	7.146	136	726655	40.000 ug/ml	0.00
Standard Area 1 = 784642			Recovery =	92.61%	
63) IS1_Acenaphthene-d10	8.879	164	453361	40.000 ug/ml	0.00
Standard Area 1 = 499209			Recovery =	90.82%	
88) IS1_Phenanthrene-d10	10.324	188	933302	40.000 ug/ml	0.00
Standard Area 1 = 1031853			Recovery =	90.45%	
104) IS1_Chrysene-d12	13.092	240	1111260	40.000 ug/ml	0.00
Standard Area 1 = 1381862			Recovery =	80.42%	
113) IS1_Perylene-d12	14.848	264	1341772	40.000 ug/ml	0.00
Standard Area 1 = 1486603			Recovery =	90.26%	
System Monitoring Compounds					
4) 2-Fluorophenol	4.302	112	5045	0.950 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery =	1.90%#	
7) Phenol-d6	5.459	99	6772	0.945 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery =	1.89%#	
19) Nitrobenzene-d5	6.411	82	5839	0.895 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	3.58%#	
46) 2-Fluorobiphenyl	8.238	172	16362	0.984 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	3.94%#	
79) 2,4,6-Tribromophenol	9.649	330	2447	0.864 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery =	1.73%#	
96) 4-Terphenyl-d14	11.922	244	25185	0.940 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	3.76%#	
Target Compounds					Qvalue
2) n-Nitrosodimethylamine	2.333	74	3533	0.999 ug/ml#	81
3) Pyridine	2.404	79	5894	0.959 ug/ml	96
5) Aniline	5.453	93	8310	0.898 ug/ml	89
6) 2-Chlorophenol	5.583	128	6129	0.962 ug/ml	96
8) Phenol	5.471	94	7872	1.034 ug/ml	94
9) Bis(2-chloroethyl)ether	5.553	93	5523	0.999 ug/ml	92
10) 1,3-Dichlorobenzene	5.753	146	8066	1.083 ug/ml	97
11) 1,4-Dichlorobenzene	5.835	146	8453	1.083 ug/ml#	81
12) 1,2-Dichlorobenzene	5.994	146	7817	1.041 ug/ml	98
13) Benzyl alcohol	5.988	79	4297	0.834 ug/ml	92
14) Bis(2-chloroisopropyl)...	6.153	45	9218	1.010 ug/ml#	66

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL1.D
Acq On : 1 Aug 2025 2:07 am
Operator : GCMS5:cmm
Sample : IL10,32,,ABNL1 Lot# 11725
Misc : WG2098562,,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 04 05:58:54 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	6.129	108	5549	0.987	ug/ml	97
16) Hexachloroethane	6.358	117	2733	0.986	ug/ml#	80
17) n-Nitrosodi-n-propylamine	6.282	70	4027	0.890	ug/ml#	86
18) 3-Methylphenol/4-Methy...	6.299	108	5541	0.917	ug/ml	96
20) Nitrobenzene	6.429	77	5970	0.915	ug/ml	93
21) Isophorone	6.687	82	10431	0.877	ug/ml	98
22) 2-Nitrophenol	6.764	139	2549	0.785	ug/ml	95
23) 2,4-Dimethylphenol	6.840	107	5528	0.883	ug/ml	98
24) Bis(2-chloroethoxy)met...	6.934	93	7295	0.966	ug/ml	97
25) 2,4-Dichlorophenol	7.010	162	5202	0.857	ug/ml	99
26) 1,2,4-Trichlorobenzene	7.093	180	7905	1.100	ug/ml	91
36) Naphthalene	7.163	128	20479	1.049	ug/ml	99
37) Benzoic Acid	0.000		0	N.D.	d	
38) 4-Chloroaniline	7.234	65	2425	0.996	ug/ml	77
39) Hexachlorobutadiene	7.316	225	4161	1.001	ug/ml	99
40) p-Chloro-m-cresol	7.739	107	4778	0.897	ug/ml	97
41) 2-Methylnaphthalene	7.862	142	11947	0.983	ug/ml	92
42) 1-Methylnaphthalene	7.956	115	4394	0.988	ug/ml	92
43) Hexachlorocyclopentadiene	8.033	237	4421	0.869	ug/ml#	93
44) 2,4,6-Trichlorophenol	8.150	196	4616	0.947	ug/ml	95
45) 2,4,5-Trichlorophenol	8.180	196	4636	0.866	ug/ml	94
47) 2-Chloronaphthalene	8.332	162	13815	0.986	ug/ml	99
48) 2-Nitroaniline	8.444	138	3031	0.731	ug/ml#	83
49) 1,4-Dinitrobenzene	8.573	168	1252	0.618	ug/ml#	78
50) 1,3-Dinitrobenzene	8.650	168	1498	0.601	ug/ml	95
51) Dimethyl phthalate	8.644	163	16227	0.955	ug/ml#	95
52) Acenaphthylene	8.738	152	22049	0.934	ug/ml	99
53) 2,6-Dinitrotoluene	8.685	165	2671	0.800	ug/ml	93
54) 1,2-Dinitrobenzene	8.732	168	1177	0.752	ug/ml#	63
64) 3-Nitroaniline	8.844	138	3136	0.826	ug/ml#	88
65) Acenaphthene	8.908	154	13000	0.990	ug/ml	88
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	9.079	168	21874	1.019	ug/ml	98
68) 2,4-Dinitrotoluene	9.079	165	3718	1.930	ug/ml	90
69) 4-Nitrophenol	9.020	65	2585	0.871	ug/ml#	79
70) 2,3,5,6-Tetrachlorophenol	9.173	232	3970	0.826	ug/ml	97
71) 2,3,4,6-Tetrachlorophenol	9.214	232	4351	0.915	ug/ml	94
72) Diethyl phthalate	9.337	149	15972	0.963	ug/ml	98
73) Fluorene	9.414	166	16390	0.940	ug/ml	94
74) 4-Chlorophenyl phenyl ...	9.431	204	7944	0.946	ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL1.D
Acq On : 1 Aug 2025 2:07 am
Operator : GCMS5:cmm
Sample : IL10,32,,ABNL1 Lot# 11725
Misc : WG2098562,,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 04 05:58:54 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 4-Nitroaniline	9.431	138	3278	0.812	ug/ml#	82
76) 4,6-Dinitro-o-cresol	9.472	198	1290	0.401	ug/ml#	1
77) NDPA/DPA	9.543	169	13245	0.912	ug/ml	88
78) Azobenzene	9.578	77	14385	0.962	ug/ml	95
80) 4-Bromophenyl phenyl e...	9.901	248	5434	1.009	ug/ml	96
81) Hexachlorobenzene	9.954	284	6365	0.998	ug/ml#	91
82) Pentachlorophenol	10.154	266	2191	2.310	ug/ml	94
89) Phenanthrene	10.342	178	28647	1.035	ug/ml	97
90) Anthracene	10.395	178	26980	0.976	ug/ml	99
91) Carbazole	10.553	167	24474	0.936	ug/ml	99
92) Di-n-butylphthalate	10.935	149	23267	0.832	ug/ml	98
93) Fluoranthene	11.505	202	30645	0.943	ug/ml#	94
94) Benzidine	11.652	184	12110	0.553	ug/ml#	95
95) Pyrene	11.728	202	33592	0.955	ug/ml	98
97) Butyl benzyl phthalate	12.481	149	8691	0.601	ug/ml	99
105) Benzo(a)anthracene	13.080	228	39245	1.047	ug/ml	97
106) 3,3'-Dichlorobenzidine	13.074	252	9784	0.731	ug/ml#	93
107) Chrysene	13.121	228	37918	1.101	ug/ml	98
108) Bis(2-ethylhexyl)phtha...	13.203	149	12746	0.669	ug/ml#	92
109) Di-n-octylphthalate	14.014	149	17857	0.565	ug/ml#	94
110) Benzo(b)fluoranthene	14.390	252	33259	0.916	ug/ml#	95
111) Benzo(k)fluoranthene	14.419	252	36829	1.010	ug/ml#	95
112) Benzo(a)pyrene	14.778	252	32193	0.936	ug/ml#	94
114) Indeno(1,2,3-cd)pyrene	16.047	276	30976M6	0.799	ug/mL	
115) Dibenzo(a,h)anthracene	16.076	278	34606	0.877	ug/ml#	92
116) Benzo(ghi)perylene	16.341	276	35045	0.931	ug/ml#	91

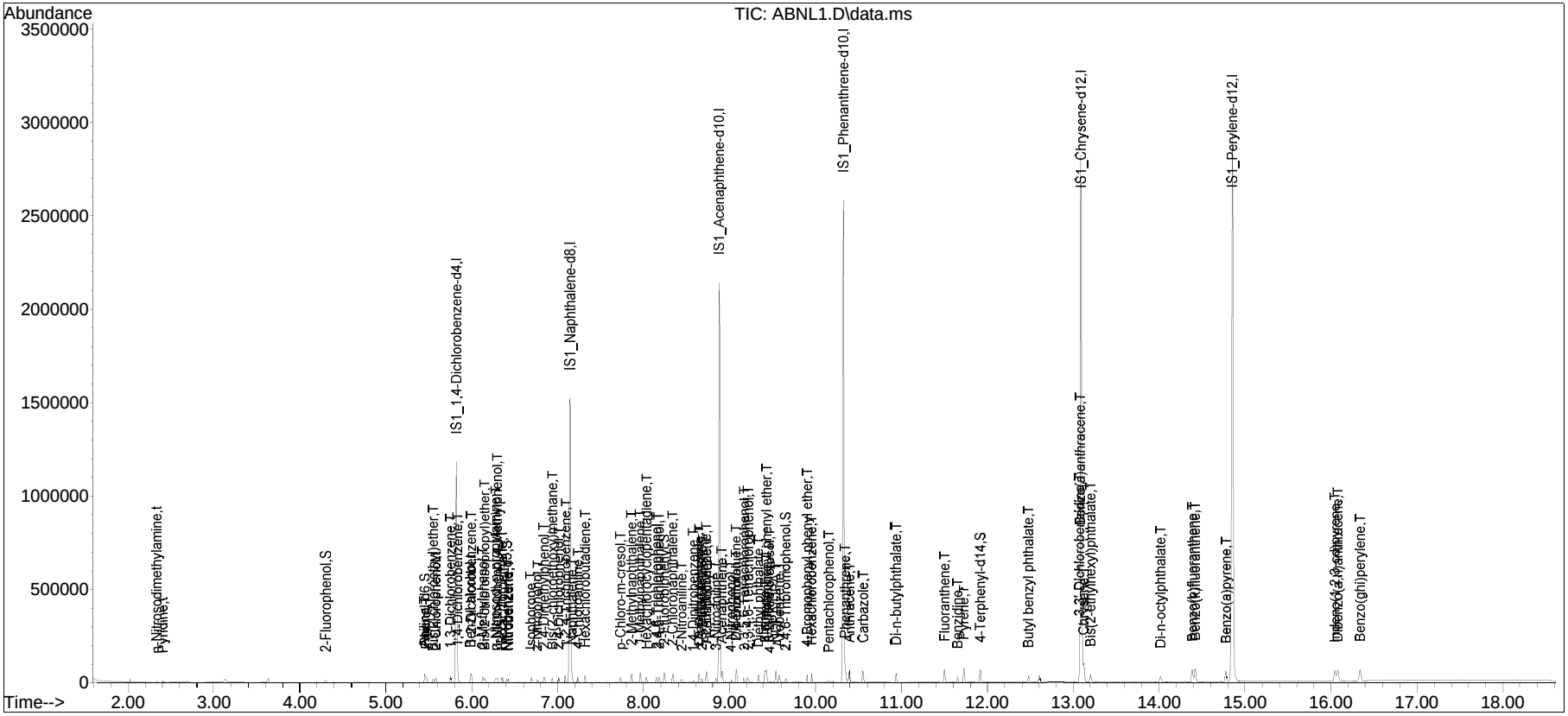
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNL1.D
Acq On : 1 Aug 2025 2:07 am
Operator : GCMS5:cmm
Sample : IL10,32,,ABNL1 Lot# 11725
Misc : WG2098562,,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 04 05:58:54 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

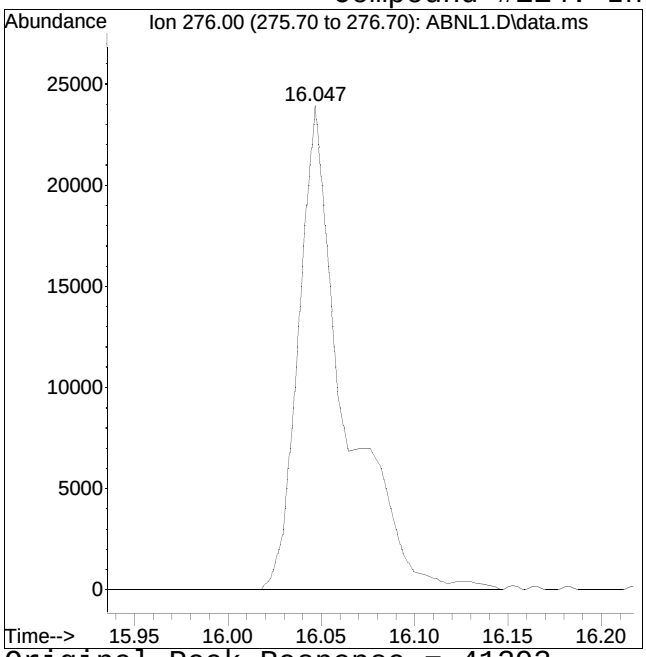
Sub List : ABNical - ABN ical sublistAL\ABNL7.D•



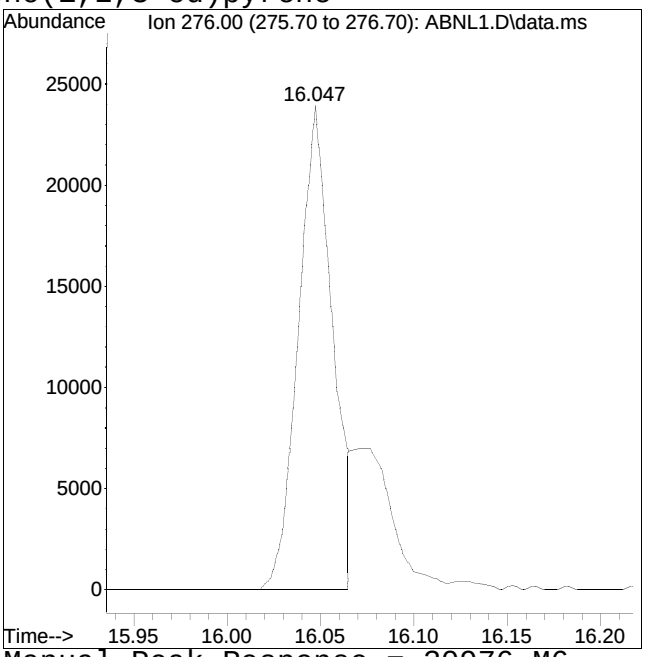
Manual Integration Report

Data Path : I:\8270\GCMS5\250731ICAL\ QMethod : FS250731GCMS5.m
Data File : ABNL1.D Operator : GCMS5:cmm
Date Inj'd : 8/1/2025 2:07 am Instrument : GCMS5
Sample : IL10,32,,ABNL1 Lot# 11725 Quant Date : 8/4/2025 5:59 am

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 41293



Manual Peak Response = 30976 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : AP9L10.D
Acq On : 1 Aug 2025 2:33 am
Operator : GCMS5:cmm
Sample : IL11,32,,AP9L200 Lot# 11757
Misc : WG2098562,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 04 06:02:39 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	5.818	152	160947	40.000	ug/ml	0.00
Standard Area 1 = 166554			Recovery =	96.63%		
55) IS2_Naphthalene-d8	7.146	136	635494	40.000	ug/ml	0.00
Standard Area 1 = 656859			Recovery =	96.75%		
83) IS2_Acenaphthene-d10	8.879	164	403982	40.000	ug/ml	0.00
Standard Area 1 = 412934			Recovery =	97.83%		
98) IS2_Phenanthrene-d10	10.324	188	887595	40.000	ug/ml	0.00
Standard Area 1 = 897605			Recovery =	98.88%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	5.324	105	679814	202.768	ug/ml	97
29) Acetophenone	6.258	105	1457214	213.648	ug/ml	96
30) m-Toluidine	6.352	106	1308453	233.001	ug/ml	98
31) 2-Chloroaniline	6.734	127	1405610	222.096	ug/ml	97
56) a-Terpineol	7.210	59	966326	231.185	ug/ml	94
57) 3-Chloroaniline	7.222	65	460534	221.689	ug/ml	89
58) 2,6-Dichlorophenol	7.251	162	1103073	235.408	ug/ml	99
59) 1-chloro-2-nitrobenzene	7.510	111	459801	229.025	ug/ml	98
60) Caprolactam	7.580	55	540492	235.549	ug/ml#	90
61) 1,2,4,5-Tetrachloroben...	8.039	216	1339379	216.282	ug/ml	99
62) Biphenyl	8.332	154	3104593	220.587	ug/ml	95
84) Dichloran	10.019	206	492701	211.997	ug/ml	96
85) Pentachloronitrobenzene	10.171	237	469318	248.423	ug/ml	94
99) Diphenamid	11.229	167	2688266	251.587	ug/ml	89

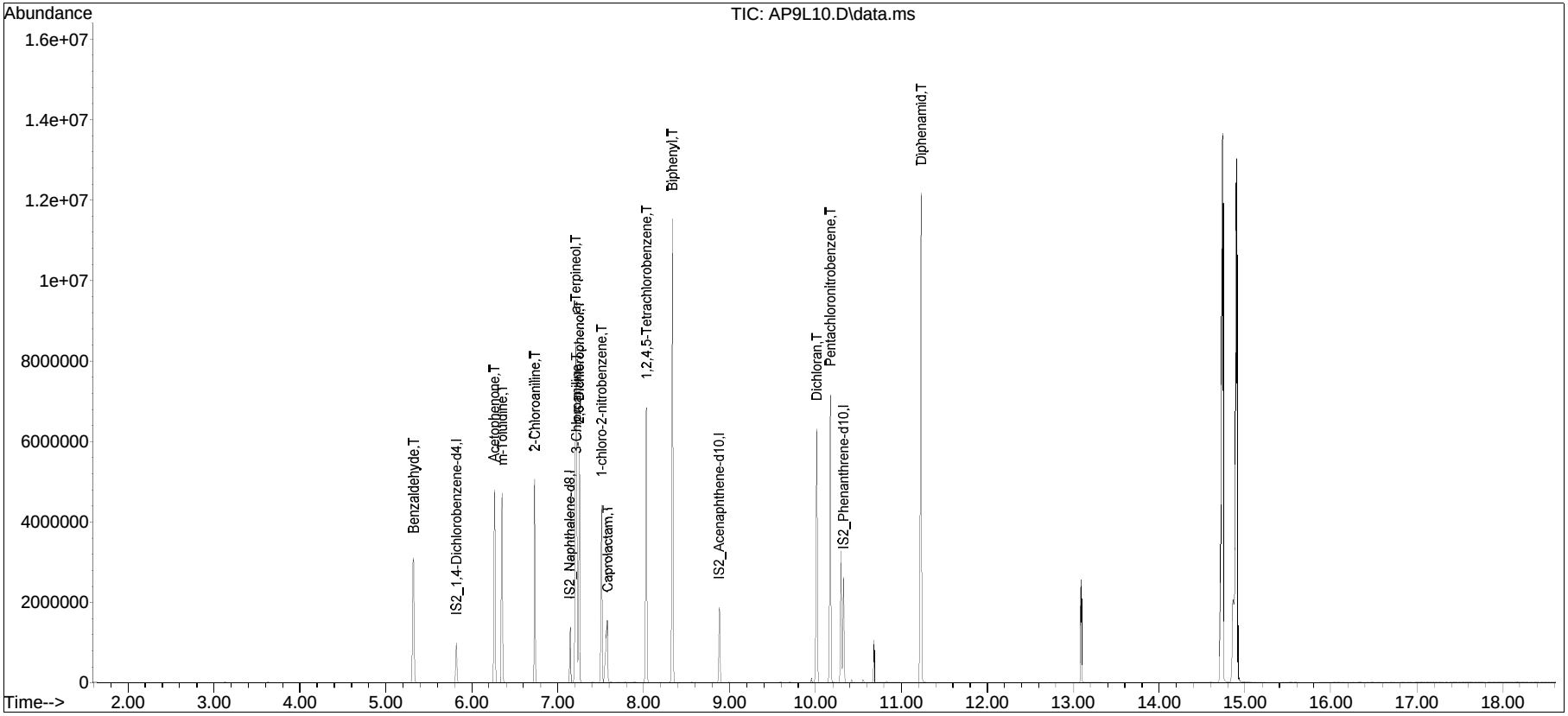
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : AP9L10.D
Acq On : 1 Aug 2025 2:33 am
Operator : GCMS5:cmm
Sample : IL11,32,,AP9L200 Lot# 11757
Misc : WG2098562,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 04 06:02:39 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistAL\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\GCMS5\250731ICAL\	QMethod	: FS250731GCMS5.m
Data File	: AP9L10.D	Operator	: GCMS5:cmm
Date Inj'd	: 8/1/2025 2:33 am	Instrument	: GCMS5
Sample	: IL11,32,,AP9L200 Lot# 1175	Quant Date	: 8/4/2025 6:03 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : AP9L9.D
Acq On : 1 Aug 2025 2:58 am
Operator : GCMS5:cmm
Sample : IL12,32,,AP9L150 Lot# 11758
Misc : WG2098562,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 04 06:04:38 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	5.818	152	172106	40.000	ug/ml	0.00
Standard Area 1 = 166554			Recovery	= 103.33%		
55) IS2_Naphthalene-d8	7.146	136	680273	40.000	ug/ml	0.00
Standard Area 1 = 656859			Recovery	= 103.56%		
83) IS2_Acenaphthene-d10	8.879	164	416746	40.000	ug/ml	0.00
Standard Area 1 = 412934			Recovery	= 100.92%		
98) IS2_Phenanthrene-d10	10.324	188	866518	40.000	ug/ml	0.00
Standard Area 1 = 897605			Recovery	= 96.54%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	5.318	105	543958	151.775	ug/ml	98
29) Acetophenone	6.258	105	1166197	159.895	ug/ml	96
30) m-Toluidine	6.346	106	1030428	171.595	ug/ml	98
31) 2-Chloroaniline	6.734	127	1103206	163.012	ug/ml	97
56) a-Terpineol	7.210	59	756758	169.130	ug/ml	93
57) 3-Chloroaniline	7.216	65	353683	159.047	ug/ml	89
58) 2,6-Dichlorophenol	7.251	162	835800	166.628	ug/ml	100
59) 1-chloro-2-nitrobenzene	7.510	111	359791	167.414	ug/ml	98
60) Caprolactam	7.569	55	411715	167.616	ug/ml#	90
61) 1,2,4,5-Tetrachloroben...	8.033	216	1034733	156.089	ug/ml	99
62) Biphenyl	8.332	154	2386755	158.420	ug/ml	96
84) Dichloran	10.019	206	353455	148.555	ug/ml	94
85) Pentachloronitrobenzene	10.166	237	333211	170.976	ug/ml	94
99) Diphenamid	11.223	167	1903723	182.498	ug/ml	90

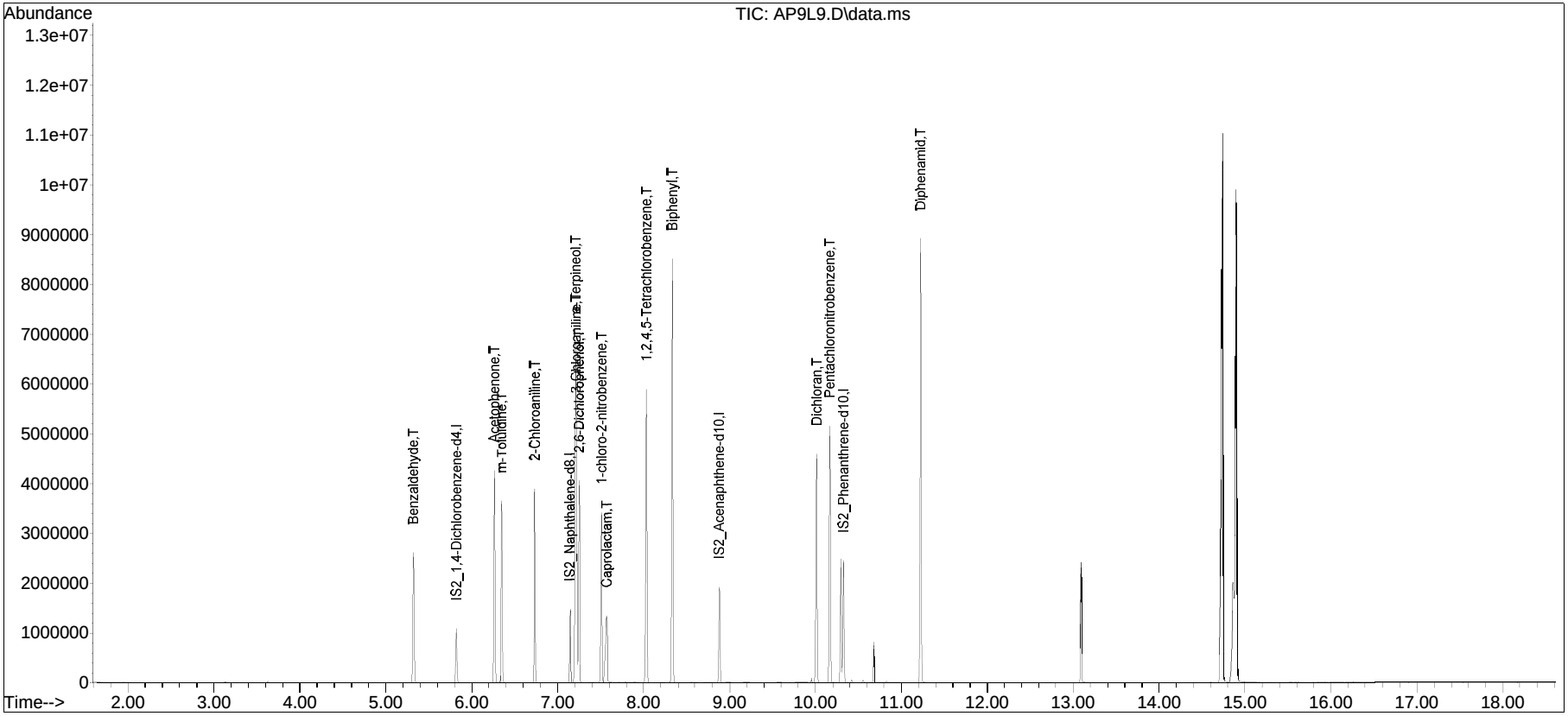
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : AP9L9.D
Acq On : 1 Aug 2025 2:58 am
Operator : GCMS5:cmm
Sample : IL12,32,,AP9L150 Lot# 11758
Misc : WG2098562,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 04 06:04:38 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistAL\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\GCMS5\250731ICAL\	QMethod	: FS250731GCMS5.m
Data File	: AP9L9.D	Operator	: GCMS5:cmm
Date Inj'd	: 8/1/2025 2:58 am	Instrument	: GCMS5
Sample	: IL12,32,,AP9L150 Lot# 1175	Quant Date	: 8/4/2025 6:05 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : AP9L8.D
Acq On : 1 Aug 2025 3:24 am
Operator : GCMS5:cmm
Sample : IL13,32,,AP9L100 Lot# 11759
Misc : WG2098562,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 04 06:04:27 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	5.818	152	160056	40.000	ug/ml	0.00
Standard Area 1 = 166554			Recovery =	96.10%		
55) IS2_Naphthalene-d8	7.146	136	628067	40.000	ug/ml	0.00
Standard Area 1 = 656859			Recovery =	95.62%		
83) IS2_Acenaphthene-d10	8.879	164	396869	40.000	ug/ml	0.00
Standard Area 1 = 412934			Recovery =	96.11%		
98) IS2_Phenanthrene-d10	10.324	188	854012	40.000	ug/ml	0.00
Standard Area 1 = 897605			Recovery =	95.14%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	5.318	105	331458	99.512	ug/ml	98
29) Acetophenone	6.258	105	716281	105.602	ug/ml	96
30) m-Toluidine	6.347	106	625778	112.055	ug/ml	99
31) 2-Chloroaniline	6.729	127	677897	107.709	ug/ml	97
56) a-Terpineol	7.204	59	452725	109.591	ug/ml	92
57) 3-Chloroaniline	7.216	65	218783	106.562	ug/ml	87
58) 2,6-Dichlorophenol	7.246	162	515060	111.219	ug/ml	99
59) 1-chloro-2-nitrobenzene	7.504	111	221712	111.740	ug/ml	97
60) Caprolactam	7.563	55	260135	114.709	ug/ml#	88
61) 1,2,4,5-Tetrachloroben...	8.033	216	625651	102.224	ug/ml	100
62) Biphenyl	8.333	154	1451405	104.344	ug/ml	97
84) Dichloran	10.013	206	217543	97.324	ug/ml	96
85) Pentachloronitrobenzene	10.166	237	207395	111.748	ug/ml	95
99) Diphenamid	11.223	167	1192511	115.992	ug/ml	90

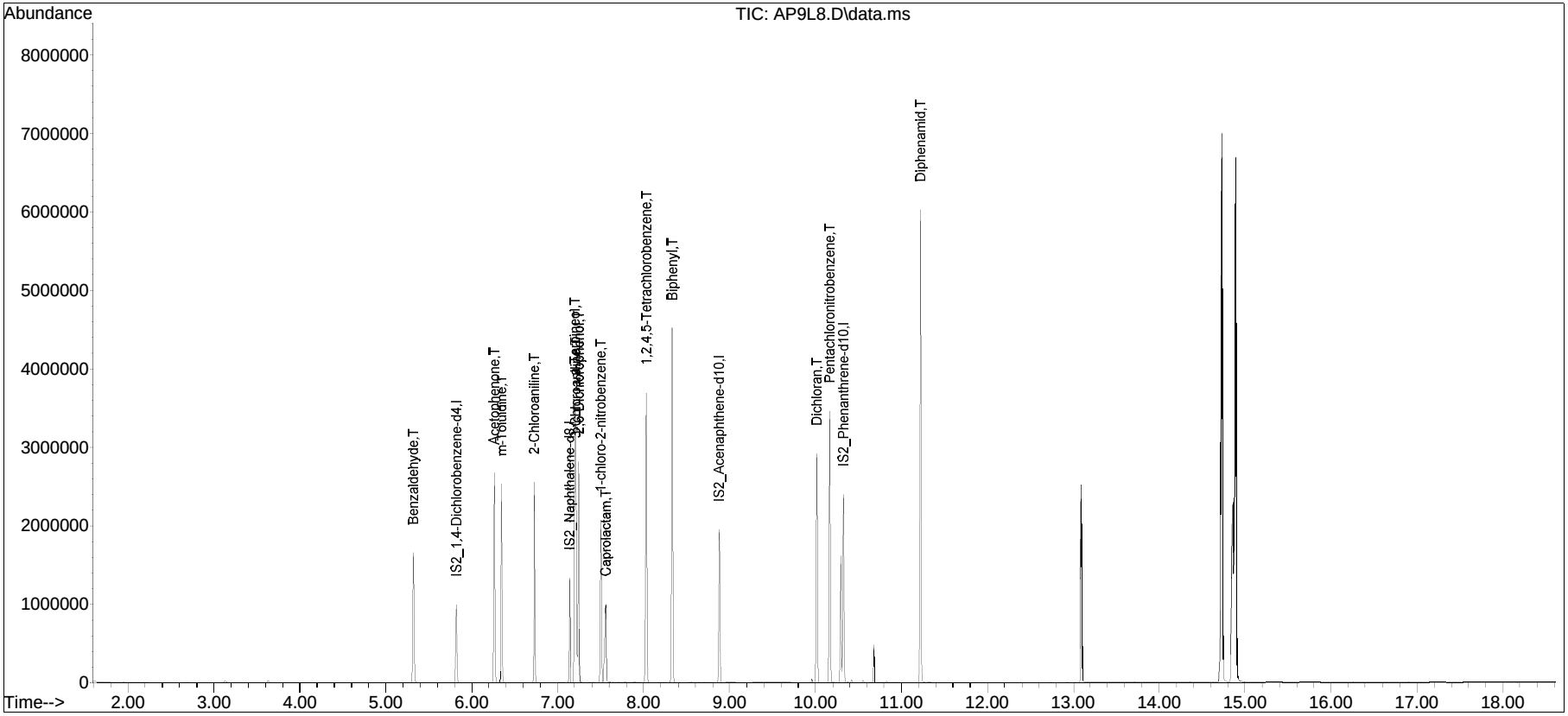
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : AP9L8.D
Acq On : 1 Aug 2025 3:24 am
Operator : GCMS5:cmm
Sample : IL13,32,,AP9L100 Lot# 11759
Misc : WG2098562,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Aug 04 06:04:27 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistAL\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\GCMS5\250731ICAL\	QMethod	: FS250731GCMS5.m
Data File	: AP9L8.D	Operator	: GCMS5:cmm
Date Inj'd	: 8/1/2025 3:24 am	Instrument	: GCMS5
Sample	: IL13,32,,AP9L100 Lot# 1175	Quant Date	: 8/4/2025 6:05 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : AP9L7.D
Acq On : 1 Aug 2025 3:50 am
Operator : GCMS5:cmm
Sample : IL14,32,,AP9L50 Lot# 11760
Misc : WG2098562,,
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 04 06:04:16 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	5.818	152	166554	40.000	ug/ml	0.00
Standard Area 1 = 166554			Recovery	= 100.00%		
55) IS2_Naphthalene-d8	7.145	136	656859	40.000	ug/ml	0.00
Standard Area 1 = 656859			Recovery	= 100.00%		
83) IS2_Acenaphthene-d10	8.879	164	412934	40.000	ug/ml	0.00
Standard Area 1 = 412934			Recovery	= 100.00%		
98) IS2_Phenanthrene-d10	10.324	188	897605	40.000	ug/ml	0.00
Standard Area 1 = 897605			Recovery	= 100.00%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	5.318	105	163033	47.138	ug/ml	98
29) Acetophenone	6.258	105	349489	49.515	ug/ml#	95
30) m-Toluidine	6.346	106	304332	52.369	ug/ml	98
31) 2-Chloroaniline	6.728	127	330552	50.471	ug/ml	98
56) a-Terpineol	7.204	59	219112	50.716	ug/ml	92
57) 3-Chloroaniline	7.216	65	107631	50.125	ug/ml	84
58) 2,6-Dichlorophenol	7.245	162	246900	50.977	ug/ml	98
59) 1-chloro-2-nitrobenzene	7.504	111	107448	51.779	ug/ml	96
60) Caprolactam	7.551	55	125597	52.955	ug/ml#	88
61) 1,2,4,5-Tetrachloroben...	8.033	216	305466	47.722	ug/ml	100
62) Biphenyl	8.326	154	707771	48.653	ug/ml	98
84) Dichloran	10.013	206	99708	44.948	ug/ml	97
85) Pentachloronitrobenzene	10.166	237	98205	50.856	ug/ml	95
99) Diphenamid	11.217	167	567016	52.474	ug/ml	90

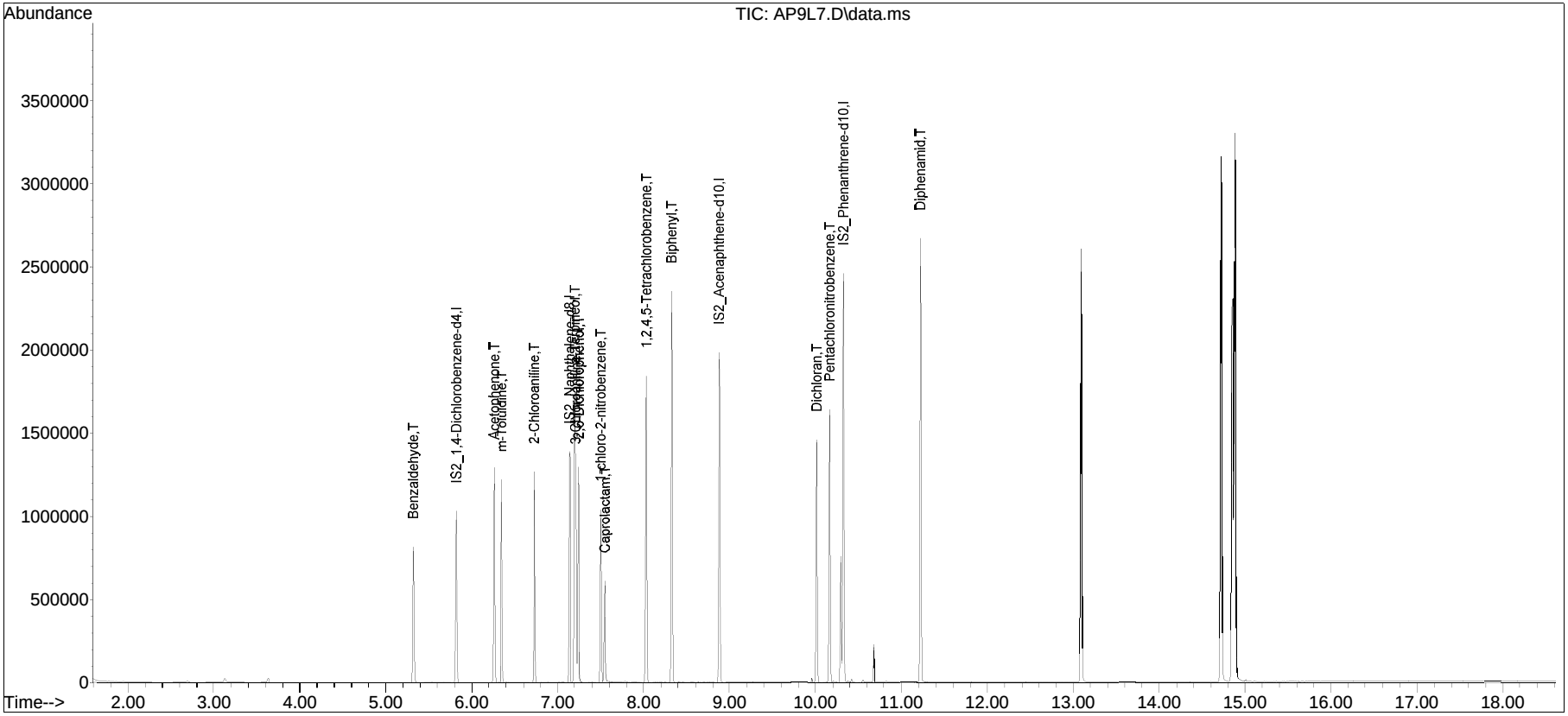
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : AP9L7.D
Acq On : 1 Aug 2025 3:50 am
Operator : GCMS5:cmm
Sample : IL14,32,,AP9L50 Lot# 11760
Misc : WG2098562,,
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 04 06:04:16 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistAL\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\GCMS5\250731ICAL\	QMethod	: FS250731GCMS5.m
Data File	: AP9L7.D	Operator	: GCMS5:cmm
Date Inj'd	: 8/1/2025 3:50 am	Instrument	: GCMS5
Sample	: IL14,32,,AP9L50 Lot# 11760	Quant Date	: 8/4/2025 6:05 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : AP9L6.D
Acq On : 1 Aug 2025 4:16 am
Operator : GCMS5:cmm
Sample : IL15,32,,AP9L25 Lot# 11761
Misc : WG2098562,,
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 04 06:04:05 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	5.818	152	160777	40.000	ug/ml	0.00
Standard Area 1 = 166554			Recovery =	96.53%		
55) IS2_Naphthalene-d8	7.146	136	620829	40.000	ug/ml	0.00
Standard Area 1 = 656859			Recovery =	94.51%		
83) IS2_Acenaphthene-d10	8.879	164	378192	40.000	ug/ml	0.00
Standard Area 1 = 412934			Recovery =	91.59%		
98) IS2_Phenanthrene-d10	10.324	188	788084	40.000	ug/ml	0.00
Standard Area 1 = 897605			Recovery =	87.80%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	5.318	105	79297	23.847	ug/ml	95
29) Acetophenone	6.258	105	161574	23.714	ug/ml	95
30) m-Toluidine	6.347	106	138382	24.668	ug/ml	99
31) 2-Chloroaniline	6.729	127	152194	24.073	ug/ml	97
56) a-Terpineol	7.199	59	96971	23.747	ug/ml	92
57) 3-Chloroaniline	7.216	65	47583	23.446	ug/ml	87
58) 2,6-Dichlorophenol	7.246	162	109799	23.986	ug/ml	98
59) 1-chloro-2-nitrobenzene	7.504	111	48535	24.746	ug/ml	93
60) Caprolactam	7.545	55	53463	23.850	ug/ml#	87
61) 1,2,4,5-Tetrachloroben...	8.033	216	138051	22.819	ug/ml	99
62) Biphenyl	8.327	154	318731	23.181	ug/ml	98
84) Dichloran	10.013	206	38331	21.020	ug/ml	97
85) Pentachloronitrobenzene	10.166	237	39862	22.539	ug/ml	96
99) Diphenamid	11.217	167	226373	23.861	ug/ml	92

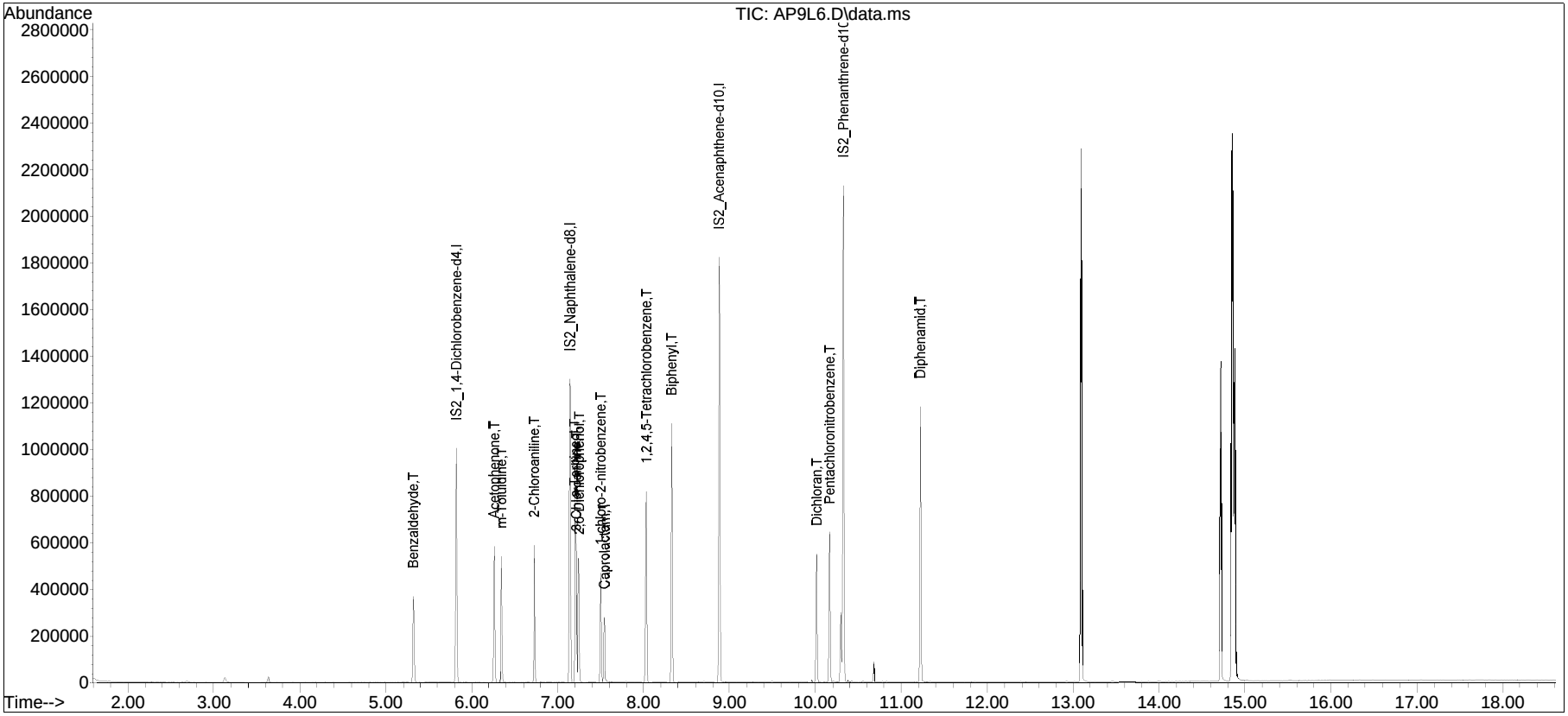
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : AP9L6.D
Acq On : 1 Aug 2025 4:16 am
Operator : GCMS5:cmm
Sample : IL15,32,,AP9L25 Lot# 11761
Misc : WG2098562,,
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Aug 04 06:04:05 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistAL\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\GCMS5\250731ICAL\	QMethod	: FS250731GCMS5.m
Data File	: AP9L6.D	Operator	: GCMS5:cmm
Date Inj'd	: 8/1/2025 4:16 am	Instrument	: GCMS5
Sample	: IL15,32,,AP9L25 Lot# 11761	Quant Date	: 8/4/2025 6:04 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : AP9L5.D
Acq On : 1 Aug 2025 4:41 am
Operator : GCMS5:cmm
Sample : IL16,32,,AP9L10 Lot# 11762
Misc : WG2098562,,
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 04 06:03:53 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	5.818	152	161655	40.000	ug/ml	0.00
Standard Area 1 = 166554			Recovery =	97.06%		
55) IS2_Naphthalene-d8	7.146	136	620692	40.000	ug/ml	0.00
Standard Area 1 = 656859			Recovery =	94.49%		
83) IS2_Acenaphthene-d10	8.879	164	384552	40.000	ug/ml	0.00
Standard Area 1 = 412934			Recovery =	93.13%		
98) IS2_Phenanthrene-d10	10.324	188	813249	40.000	ug/ml	0.00
Standard Area 1 = 897605			Recovery =	90.60%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	5.324	105	32289	9.772	ug/ml	98
29) Acetophenone	6.258	105	67263	9.819	ug/ml#	94
30) m-Toluidine	6.347	106	56634	10.041	ug/ml	98
31) 2-Chloroaniline	6.728	127	63645	10.012	ug/ml	97
56) a-Terpineol	7.199	59	38766	9.496	ug/ml	94
57) 3-Chloroaniline	7.210	65	20162	9.937	ug/ml	86
58) 2,6-Dichlorophenol	7.240	162	44502	9.724	ug/ml	97
59) 1-chloro-2-nitrobenzene	7.504	111	18938	9.658	ug/ml	93
60) Caprolactam	7.539	55	21059	9.396	ug/ml#	88
61) 1,2,4,5-Tetrachloroben...	8.033	216	60140	9.943	ug/ml	97
62) Biphenyl	8.327	154	135363	9.847	ug/ml	99
84) Dichloran	10.013	206	14044	9.947	ug/ml	96
85) Pentachloronitrobenzene	10.166	237	15700	8.730	ug/ml	94
99) Diphenamid	11.217	167	94763	9.679	ug/ml	91

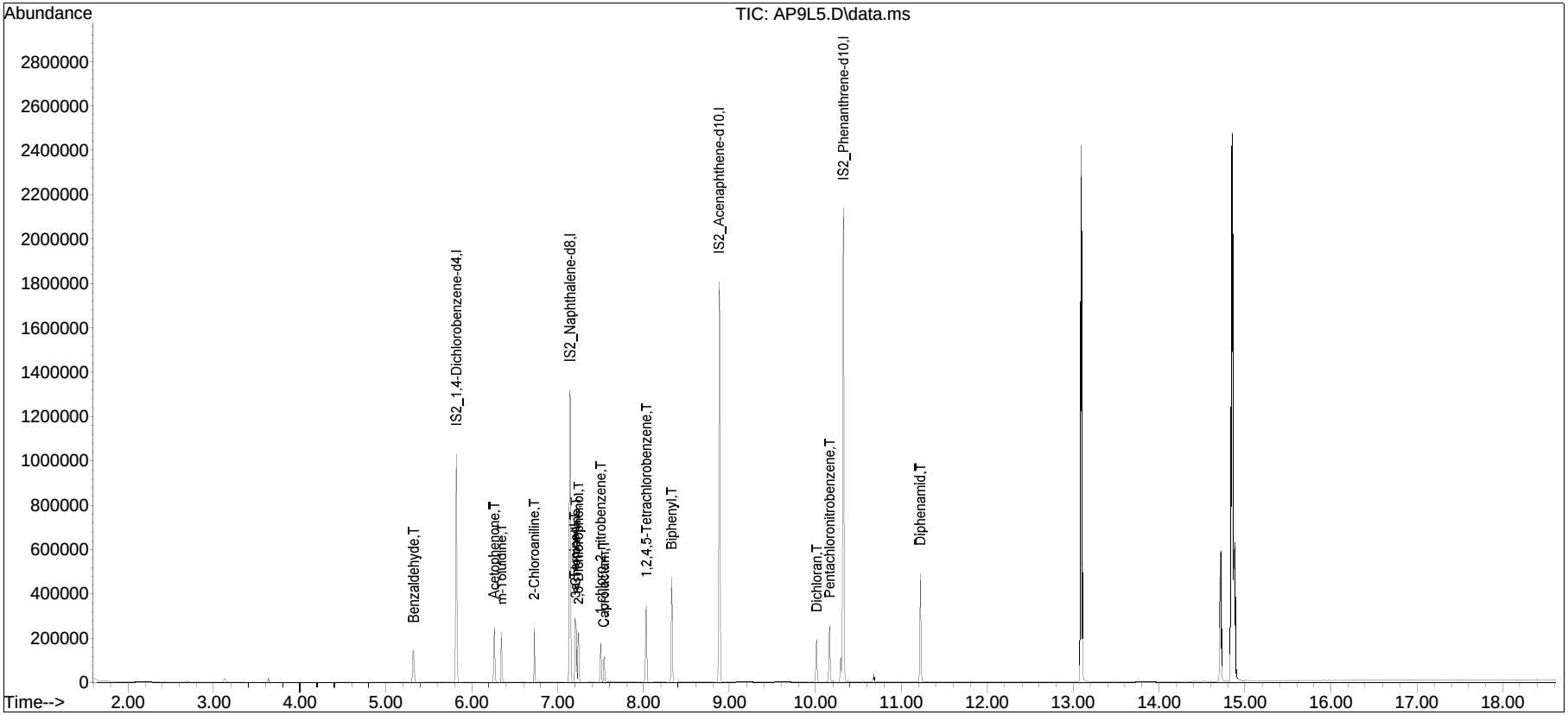
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : AP9L5.D
Acq On : 1 Aug 2025 4:41 am
Operator : GCMS5:cmm
Sample : IL16,32,,AP9L10 Lot# 11762
Misc : WG2098562,,
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Aug 04 06:03:53 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistAL\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\GCMS5\250731ICAL\	QMethod	: FS250731GCMS5.m
Data File	: AP9L5.D	Operator	: GCMS5:cmm
Date Inj'd	: 8/1/2025 4:41 am	Instrument	: GCMS5
Sample	: IL16,32,,AP9L10 Lot# 11762	Quant Date	: 8/4/2025 6:04 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : AP9L4.D
Acq On : 1 Aug 2025 5:07 am
Operator : GCMS5:cmm
Sample : IL17,32,,AP9L5 Lot# 11763
Misc : WG2098562,,
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 04 06:03:42 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	5.818	152	159608	40.000	ug/ml	0.00
Standard Area 1 = 166554			Recovery =	95.83%		
55) IS2_Naphthalene-d8	7.145	136	604391	40.000	ug/ml	0.00
Standard Area 1 = 656859			Recovery =	92.01%		
83) IS2_Acenaphthene-d10	8.879	164	363448	40.000	ug/ml	0.00
Standard Area 1 = 412934			Recovery =	88.02%		
98) IS2_Phenanthrene-d10	10.324	188	756465	40.000	ug/ml	0.00
Standard Area 1 = 897605			Recovery =	84.28%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	5.324	105	15867	4.960	ug/ml	96
29) Acetophenone	6.258	105	32185	4.758	ug/ml#	94
30) m-Toluidine	6.346	106	26374	4.736	ug/ml	97
31) 2-Chloroaniline	6.728	127	29854	4.757	ug/ml	97
56) a-Terpineol	7.198	59	18118	4.558	ug/ml	97
57) 3-Chloroaniline	7.210	65	9653	4.886	ug/ml	84
58) 2,6-Dichlorophenol	7.239	162	21050	4.723	ug/ml	99
59) 1-chloro-2-nitrobenzene	7.504	111	8826	4.622	ug/ml	93
60) Caprolactam	7.539	55	8687	3.981	ug/ml#	85
61) 1,2,4,5-Tetrachloroben...	8.033	216	28494	4.838	ug/ml	100
62) Biphenyl	8.326	154	64516	4.820	ug/ml	98
84) Dichloran	10.013	206	5319	6.210	ug/ml	99
85) Pentachloronitrobenzene	10.166	237	6024	3.544	ug/ml	97
99) Diphenamid	11.217	167	39306	4.316	ug/ml	91

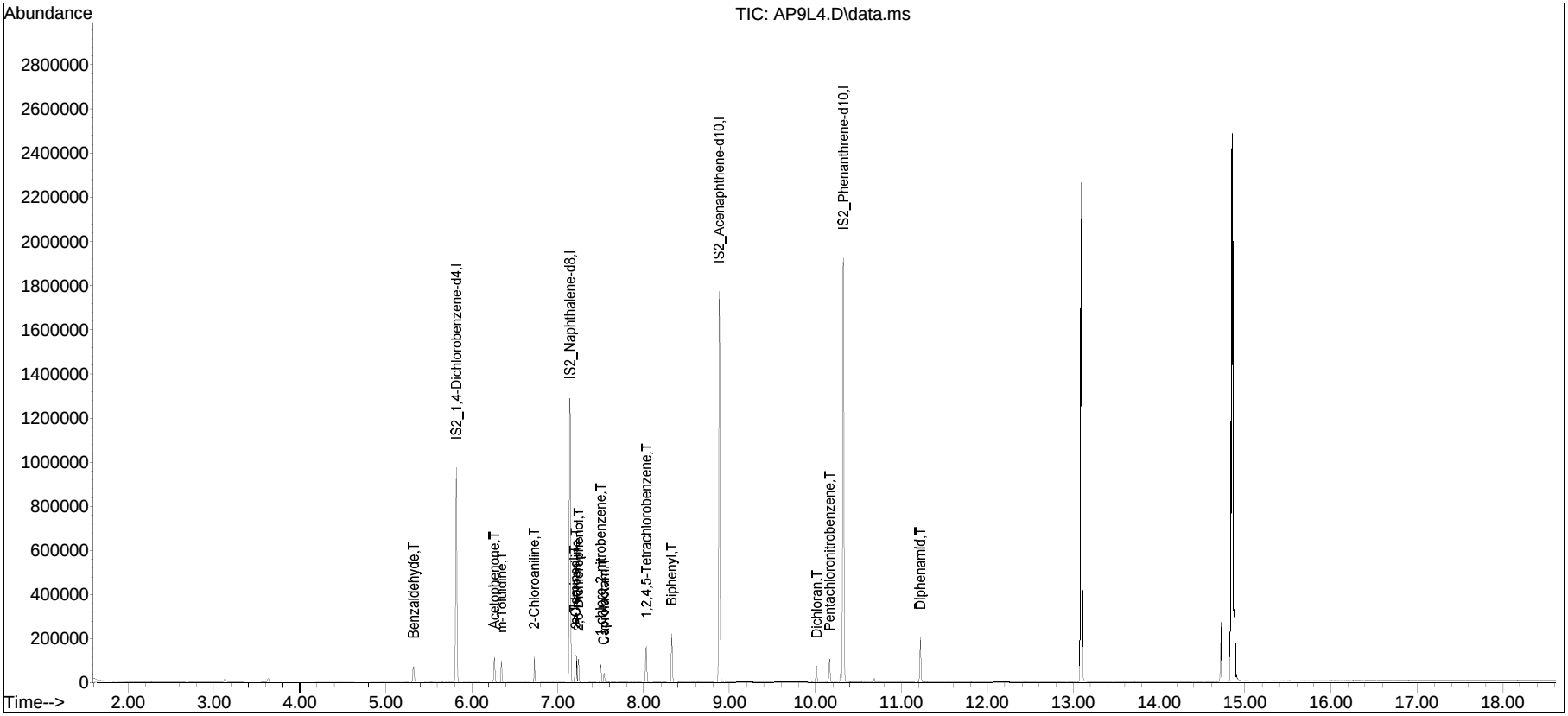
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : AP9L4.D
Acq On : 1 Aug 2025 5:07 am
Operator : GCMS5:cmm
Sample : IL17,32,,AP9L5 Lot# 11763
Misc : WG2098562,,
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 04 06:03:42 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistAL\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\GCMS5\250731ICAL\	QMethod	: FS250731GCMS5.m
Data File	: AP9L4.D	Operator	: GCMS5:cmm
Date Inj'd	: 8/1/2025 5:07 am	Instrument	: GCMS5
Sample	: IL17,32,,AP9L5 Lot# 11763	Quant Date	: 8/4/2025 6:04 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : AP9L3.D
Acq On : 1 Aug 2025 5:33 am
Operator : GCMS5:cmm
Sample : IL18,32,,AP9L3 Lot# 11764
Misc : WG2098562,,
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 04 06:03:31 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	5.818	152	166639	40.000	ug/ml	0.00
Standard Area 1 = 166554			Recovery = 100.05%			
55) IS2_Naphthalene-d8	7.140	136	632874	40.000	ug/ml	0.00
Standard Area 1 = 656859			Recovery = 96.35%			
83) IS2_Acenaphthene-d10	8.879	164	389183	40.000	ug/ml	0.00
Standard Area 1 = 412934			Recovery = 94.25%			
98) IS2_Phenanthrene-d10	10.324	188	808565	40.000	ug/ml	0.00
Standard Area 1 = 897605			Recovery = 90.08%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	5.324	105	9925	3.049	ug/ml	97
29) Acetophenone	6.258	105	20285	2.872	ug/ml	95
30) m-Toluidine	6.347	106	16024	2.756	ug/ml	93
31) 2-Chloroaniline	6.729	127	18524	2.827	ug/ml	97
56) a-Terpineol	7.199	59	11385	2.735	ug/ml	98
57) 3-Chloroaniline	7.216	65	6050	2.924	ug/ml	83
58) 2,6-Dichlorophenol	7.240	162	12754	2.733	ug/ml	98
59) 1-chloro-2-nitrobenzene	7.504	111	5325	2.663	ug/ml	94
60) Caprolactam	7.539	55	5545	2.427	ug/ml#	76
61) 1,2,4,5-Tetrachloroben...	8.033	216	18433	2.989	ug/ml	99
62) Biphenyl	8.327	154	41297	2.946	ug/ml	98
84) Dichloran	10.007	206	3115	5.077	ug/ml	93
85) Pentachloronitrobenzene	10.166	237	3720	2.044	ug/ml	93
99) Diphenamid	11.217	167	24976	2.566	ug/ml	90

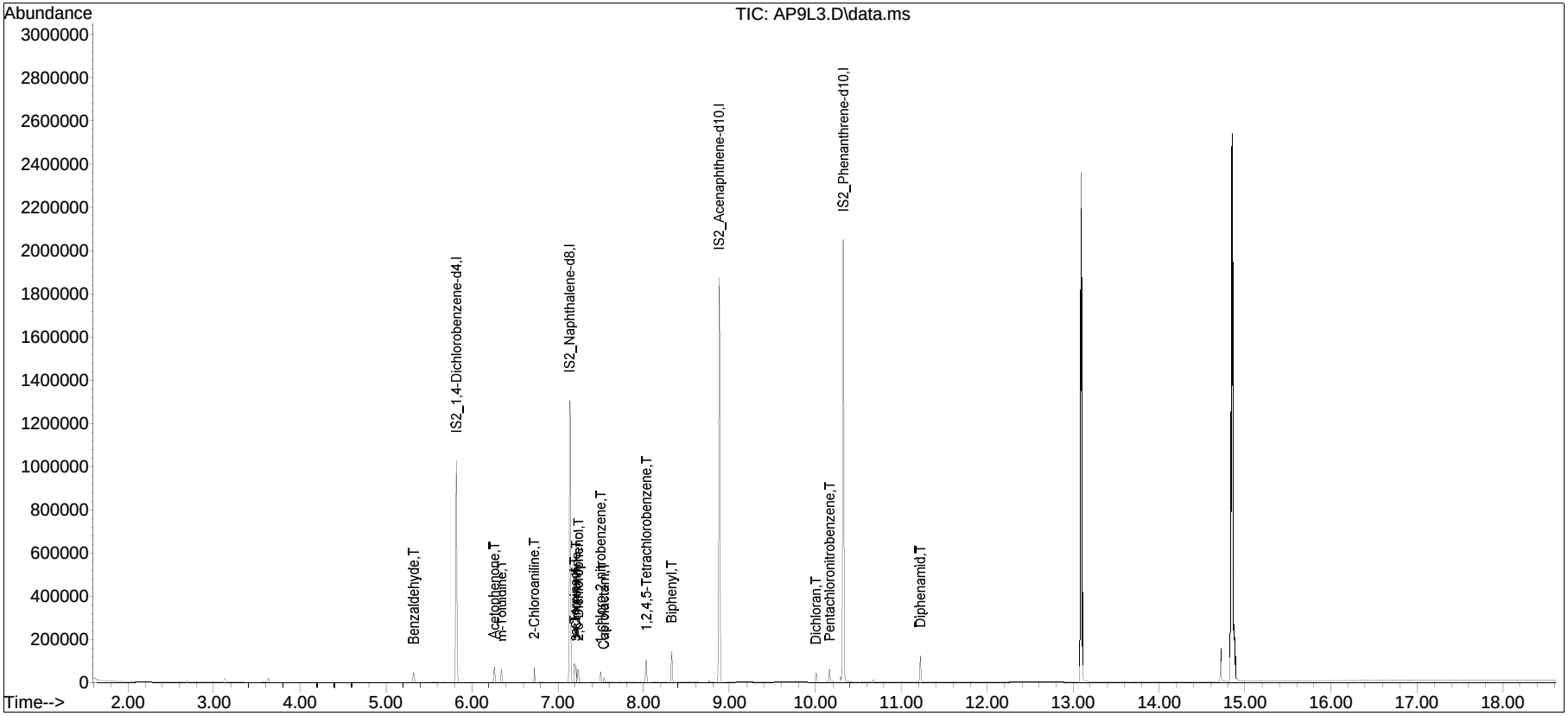
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : AP9L3.D
Acq On : 1 Aug 2025 5:33 am
Operator : GCMS5:cmm
Sample : IL18,32,,AP9L3 Lot# 11764
Misc : WG2098562,,
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 04 06:03:31 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistAL\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\GCMS5\250731ICAL\	QMethod	: FS250731GCMS5.m
Data File	: AP9L3.D	Operator	: GCMS5:cmm
Date Inj'd	: 8/1/2025 5:33 am	Instrument	: GCMS5
Sample	: IL18,32,,AP9L3 Lot# 11764	Quant Date	: 8/4/2025 6:03 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : AP9L2.D
Acq On : 1 Aug 2025 5:59 am
Operator : GCMS5:cmm
Sample : IL19,32,,AP9L2 Lot# 11765
Misc : WG2098562,,
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 04 06:02:50 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	5.818	152	153582	40.000	ug/ml	0.00
Standard Area 1 = 166554			Recovery =	92.21%		
55) IS2_Naphthalene-d8	7.146	136	597348	40.000	ug/ml	0.00
Standard Area 1 = 656859			Recovery =	90.94%		
83) IS2_Acenaphthene-d10	8.879	164	365339	40.000	ug/ml	0.00
Standard Area 1 = 412934			Recovery =	88.47%		
98) IS2_Phenanthrene-d10	10.324	188	757278	40.000	ug/ml	0.00
Standard Area 1 = 897605			Recovery =	84.37%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	5.324	105	6411	2.194	ug/ml	96
29) Acetophenone	6.258	105	12944	1.989	ug/ml#	92
30) m-Toluidine	6.346	106	9250	1.726	ug/ml	99
31) 2-Chloroaniline	6.728	127	11383	1.885	ug/ml	97
56) a-Terpineol	7.198	59	7185	1.829	ug/ml	95
57) 3-Chloroaniline	7.216	65	3770	1.931	ug/ml	80
58) 2,6-Dichlorophenol	7.245	162	7840	1.780	ug/ml	97
59) 1-chloro-2-nitrobenzene	7.504	111	3440	1.823	ug/ml	88
60) Caprolactam	7.545	55	2490	1.154	ug/ml	87
61) 1,2,4,5-Tetrachloroben...	8.033	216	11357	1.951	ug/ml	99
62) Biphenyl	8.326	154	25444	1.923	ug/ml	96
84) Dichloran	10.013	206	2143	4.712	ug/ml	94
85) Pentachloronitrobenzene	10.166	237	2047	1.198	ug/ml	96
99) Diphenamid	11.217	167	15162	1.663	ug/ml	89

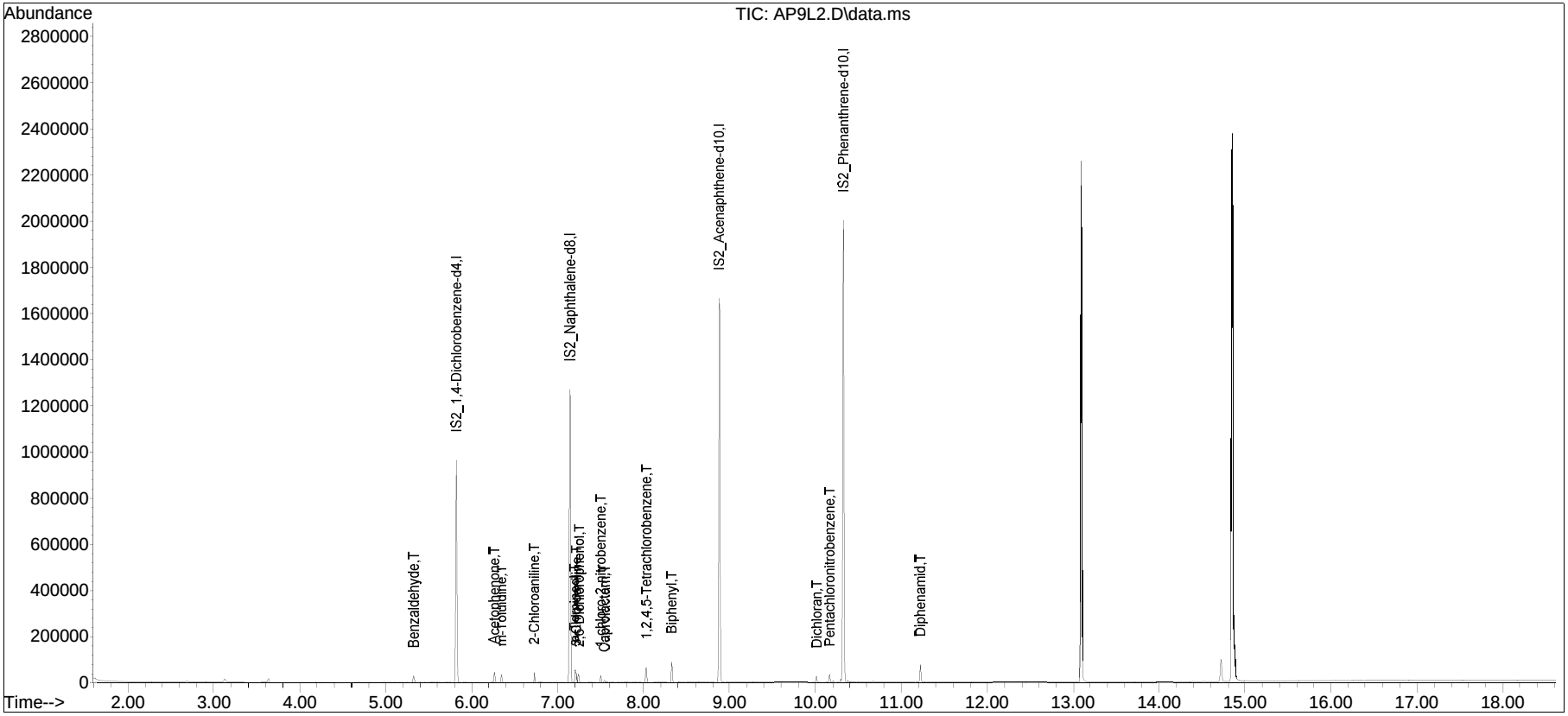
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : AP9L2.D
Acq On : 1 Aug 2025 5:59 am
Operator : GCMS5:cmm
Sample : IL19,32,,AP9L2 Lot# 11765
Misc : WG2098562,,
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Aug 04 06:02:50 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistAL\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\GCMS5\250731ICAL\	QMethod	: FS250731GCMS5.m
Data File	: AP9L2.D	Operator	: GCMS5:cmm
Date Inj'd	: 8/1/2025 5:59 am	Instrument	: GCMS5
Sample	: IL19,32,,AP9L2 Lot# 11765	Quant Date	: 8/4/2025 6:03 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : AP9L1.D
Acq On : 1 Aug 2025 6:24 am
Operator : GCMS5:cmm
Sample : IL20,32,,AP9L1 Lot# 11766
Misc : WG2098562,,
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 04 06:02:26 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	5.818	152	149796	40.000	ug/ml	0.00
Standard Area 1 = 166554			Recovery =	89.94%		
55) IS2_Naphthalene-d8	7.146	136	568128	40.000	ug/ml	0.00
Standard Area 1 = 656859			Recovery =	86.49%		
83) IS2_Acenaphthene-d10	8.879	164	352303	40.000	ug/ml	0.00
Standard Area 1 = 412934			Recovery =	85.32%		
98) IS2_Phenanthrene-d10	10.324	188	738860	40.000	ug/ml	0.00
Standard Area 1 = 897605			Recovery =	82.31%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	5.324	105	3109	1.188	ug/ml	94
29) Acetophenone	6.258	105	6256	0.985	ug/ml#	93
30) m-Toluidine	6.347	106	4197	0.803	ug/ml	91
31) 2-Chloroaniline	6.729	127	5395	0.916	ug/ml#	92
56) a-Terpineol	7.199	59	3622	0.969	ug/ml	87
57) 3-Chloroaniline	7.210	65	1698	0.914	ug/ml	84
58) 2,6-Dichlorophenol	7.240	162	3782	0.903	ug/ml	98
59) 1-chloro-2-nitrobenzene	7.504	111	1627	0.906	ug/ml#	83
60) Caprolactam	7.551	55	1222	0.596	ug/ml#	56
61) 1,2,4,5-Tetrachloroben...	8.033	216	5840	1.055	ug/ml	98
62) Biphenyl	8.327	154	12642	1.005	ug/ml	95
84) Dichloran	10.013	206	1062	4.225	ug/ml	89
85) Pentachloronitrobenzene	10.166	237	943	0.572	ug/ml	96
99) Diphenamid	11.217	167	7503	0.844	ug/ml	92

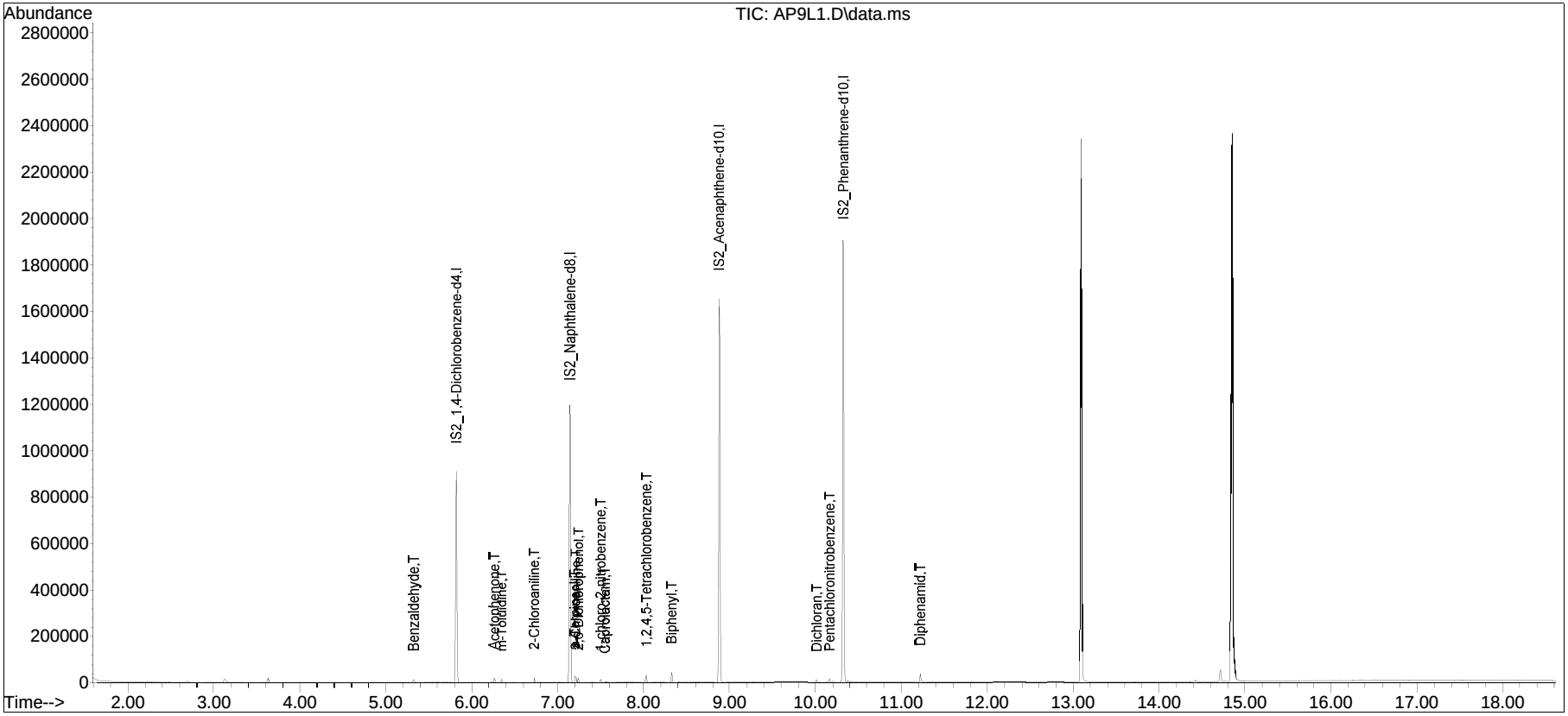
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : AP9L1.D
Acq On : 1 Aug 2025 6:24 am
Operator : GCMS5:cmm
Sample : IL20,32,,AP9L1 Lot# 11766
Misc : WG2098562,,
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 04 06:02:26 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistAL\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\GCMS5\250731ICAL\	QMethod	: FS250731GCMS5.m
Data File	: AP9L1.D	Operator	: GCMS5:cmm
Date Inj'd	: 8/1/2025 6:24 am	Instrument	: GCMS5
Sample	: IL20,32,,AP9L1 Lot# 11766	Quant Date	: 8/4/2025 6:03 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNICV.D
Acq On : 1 Aug 2025 6:50 am
Operator : GCMS5:cmm
Sample : CQICV1,32,,ABN ICV Lot # 11653
Misc : WG2098562,,
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 04 13:59:01 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 13:59:36 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	IS1_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
2	t	n-Nitrosodimethylamine	0.744	0.715	3.9	84	0.00
3	t	Pyridine	1.293	1.276	1.3	85	0.00
4	S	2-Fluorophenol	1.117	1.084	3.0	84	0.00
5	T	Aniline	1.946	1.863	4.3	82	0.00
6	t	2-Chlorophenol	1.340	1.283	4.3	83	0.00
7	S	Phenol-d6	1.507	1.454	3.5	83	0.00
8	T	Phenol	1.587	1.514	4.6	83	0.00
9	T	Bis(2-chloroethyl)ether	1.163	1.102	5.2	86	0.00
10	T	1,3-Dichlorobenzene	1.566	1.484	5.2	85	0.00
11	T	1,4-Dichlorobenzene	1.641	1.530	6.8	85	0.00
12	T	1,2-Dichlorobenzene	1.579	1.491	5.6	86	0.00
13	t	Benzyl alcohol	1.083	1.051	3.0	82	0.00
14	T	Bis(2-chloroisopropyl)ether	1.920	1.772	7.7	82	0.00
15	T	2-Methylphenol	1.183	1.151	2.7	84	0.00
16	T	Hexachloroethane	0.583	0.555	4.8	84	0.00
17	T	n-Nitrosodi-n-propylamine	0.951	0.917	3.6	81	0.00
18	T	3-Methylphenol/4-Methylphen	1.271	1.255	1.3	85	0.00
19	S	Nitrobenzene-d5	1.373	1.305	5.0	81	0.00
20	T	Nitrobenzene	1.372	1.318	3.9	82	0.00
21	T	Isophorone	2.501	2.455	1.8	82	0.00
22	T	2-Nitrophenol	0.683	0.684	-0.1	81	0.00
23	T	2,4-Dimethylphenol	1.317	1.275	3.2	82	0.00
24	T	Bis(2-chloroethoxy)methane	1.588	1.532	3.5	85	0.00
25	T	2,4-Dichlorophenol	1.277	1.243	2.7	83	0.00
26	T	1,2,4-Trichlorobenzene	1.512	1.424	5.8	86	0.00
35	I	IS1_Naphthalene-d8	1.000	1.000	0.0	88	0.00
36	T	Naphthalene	1.075	1.008	6.2	86	0.00
37	T	Benzoic Acid	0.260	0.237	8.8	79	0.00
38	T	4-Chloroaniline	0.134	0.127	5.2	83	0.00
39	T	Hexachlorobutadiene	0.229	0.211	7.9	84	0.00
40	T	p-Chloro-m-cresol	0.293	0.289	1.4	83	0.00
41	T	2-Methylnaphthalene	0.669	0.656	1.9	87	0.00
42	T	1-Methylnaphthalene	0.245	0.230	6.1	83	0.00
43	T	Hexachlorocyclopentadiene	0.280	0.260	7.1	80	0.00
44	T	2,4,6-Trichlorophenol	0.268	0.270	-0.7	83	0.00
45	T	2,4,5-Trichlorophenol	0.295	0.281	4.7	84	0.00
46	S	2-Fluorobiphenyl	0.915	0.857	6.3	84	0.00

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNICV.D
Acq On : 1 Aug 2025 6:50 am
Operator : GCMS5:cmm
Sample : CQICV1,32,,ABN ICV Lot # 11653
Misc : WG2098562,,
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 04 13:59:01 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 13:59:36 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
47	T	2-Chloronaphthalene		0.771	0.740	4.0	86	0.00
48	T	2-Nitroaniline		0.228	0.237	-3.9	84	0.00
49	T	1,4-Dinitrobenzene		0.112	0.109	2.7	80	0.00
50	T	1,3-Dinitrobenzene		0.137	0.133	2.9	81	0.00
51	T	Dimethyl phthalate		0.935	0.904	3.3	86	0.00
52	T	Acenaphthylene		1.300	1.270	2.3	84	0.00
53	T	2,6-Dinitrotoluene		0.184	0.189	-2.7	84	0.00
54	T	1,2-Dinitrobenzene		0.086	0.085	1.2	83	0.00
63	I	IS1_Acenaphthene-d10		1.000	1.000	0.0	89	0.00
64	T	3-Nitroaniline		0.335	0.343	-2.4	85	0.00
65	T	Acenaphthene		1.159	1.077	7.1	84	0.00
66	T	2,4-Dinitrophenol	*	50.000	41.604	16.8	79	0.00
67	T	Dibenzofuran		1.893	1.774	6.3	84	0.00
68	T	2,4-Dinitrotoluene	*	50.000	41.810	16.4	83	0.00
69	T	4-Nitrophenol		0.262	0.266	-1.5	82	0.00
70	T	2,3,5,6-Tetrachlorophenol		0.424	0.415	2.1	83	0.00
71	T	2,3,4,6-Tetrachlorophenol		0.419	0.396	5.5	83	0.00
72	T	Diethyl phthalate		1.464	1.420	3.0	85	0.00
73	T	Fluorene		1.538	1.464	4.8	83	0.00
74	T	4-Chlorophenyl phenyl ether		0.741	0.701	5.4	84	0.00
75	T	4-Nitroaniline		0.356	0.381	-7.0	85	0.00
76	T	4,6-Dinitro-o-cresol		0.284	0.270	4.9	81	0.00
77	T	NDPA/DPA		1.281	1.257	1.9	85	0.00
78	T	Azobenzene		1.319	1.303	1.2	85	0.00
79	S	2,4,6-Tribromophenol		0.250	0.251	-0.4	89	0.00
80	T	4-Bromophenyl phenyl ether		0.475	0.448	5.7	86	0.00
81	T	Hexachlorobenzene		0.563	0.529	6.0	87	0.00
82	T	Pentachlorophenol	*	50.000	42.570	14.9	83	0.00
88	I	IS1_Phenanthrene-d10		1.000	1.000	0.0	86	0.00
89	T	Phenanthrene		1.186	1.136	4.2	83	0.00
90	T	Anthracene		1.185	1.175	0.8	84	0.00
91	T	Carbazole		1.121	1.123	-0.2	85	0.00
92	T	Di-n-butylphthalate		1.199	1.284	-7.1	86	0.00
93	T	Fluoranthene		1.393	1.387	0.4	82	0.00
94	T	Benzidine		0.939	0.962	-2.4	88	0.00
95	T	Pyrene		1.508	1.506	0.1	82	0.00
96	S	4-Terphenyl-d14		1.149	1.149	0.0	84	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNICV.D
Acq On : 1 Aug 2025 6:50 am
Operator : GCMS5:cmm
Sample : CQICV1,32,,ABN ICV Lot # 11653
Misc : WG2098562,,
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 04 13:59:01 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 13:59:36 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
97	T	Butyl benzyl phthalate	0.620	0.607	2.1	84	0.00
104	I	IS1_Chrysene-d12	1.000	1.000	0.0	85	0.00
105	T	Benzo(a)anthracene	1.350	1.333	1.3	83	0.00
106	T	3,3'-Dichlorobenzidine	0.482	0.532	-10.4	86	0.00
107	T	Chrysene	1.240	1.183	4.6	83	0.00
108	T	Bis(2-ethylhexyl)phthalate	0.686	0.720	-5.0	85	0.00
109	T	Di-n-octylphthalate	1.138	1.188	-4.4	83	0.00
110	T	Benzo(b)fluoranthene	1.307	1.247	4.6	83	0.00
111	T	Benzo(k)fluoranthene	1.312	1.296	1.2	82	0.00
112	T	Benzo(a)pyrene	1.237	1.204	2.7	82	0.00
113	I	IS1_Perylene-d12	1.000	1.000	0.0	85	0.00
114	T	Indeno(1,2,3-cd)pyrene	1.156	1.205	-4.2	80	0.00
115	T	Dibenzo(a,h)anthracene	1.176	1.187	-0.9	82	0.00
116	T	Benzo(ghi)perylene	1.122	1.133	-1.0	82	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNICV.D
Acq On : 1 Aug 2025 6:50 am
Operator : GCMS5:cmm
Sample : CQICV1,32,,ABN ICV Lot # 11653
Misc : WG2098562,,
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 04 13:59:01 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 13:59:36 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	5.818	152	174184	40.000	ug/ml	0.00
Standard Area 1 = 198086			Recovery = 87.93%			
35) IS1_Naphthalene-d8	7.145	136	691474	40.000	ug/ml	0.00
Standard Area 1 = 784642			Recovery = 88.13%			
63) IS1_Acenaphthene-d10	8.885	164	443529	40.000	ug/ml	0.00
Standard Area 1 = 499209			Recovery = 88.85%			
88) IS1_Phenanthrene-d10	10.324	188	887152	40.000	ug/ml	0.00
Standard Area 1 = 1031853			Recovery = 85.98%			
104) IS1_Chrysene-d12	13.097	240	1180475	40.000	ug/ml	0.00
Standard Area 1 = 1381862			Recovery = 85.43%			
113) IS1_Perylene-d12	14.854	264	1267499	40.000	ug/ml	0.00
Standard Area 1 = 1486603			Recovery = 85.26%			
System Monitoring Compounds						
4) 2-Fluorophenol	4.296	112	235935	48.510	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 97.02%			
7) Phenol-d6	5.465	99	316556	48.236	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 96.47%			
19) Nitrobenzene-d5	6.411	82	284074	47.515	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 190.06%#			
46) 2-Fluorobiphenyl	8.238	172	740372	46.791	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 187.16%#			
79) 2,4,6-Tribromophenol	9.654	330	139068	50.211	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 100.42%			
96) 4-Terphenyl-d14	11.922	244	1274059	50.013	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 200.05%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	2.316	74	155730	48.061	ug/ml#	85
3) Pyridine	2.357	79	277821	49.330	ug/ml	97
5) Aniline	5.459	93	405591	47.855	ug/ml#	84
6) 2-Chlorophenol	5.588	128	279437	47.901	ug/ml	99
8) Phenol	5.477	94	329752M6	47.719	ug/ml	
9) Bis(2-chloroethyl)ether	5.553	93	240002	47.376	ug/ml	95
10) 1,3-Dichlorobenzene	5.753	146	323147	47.385	ug/ml	98
11) 1,4-Dichlorobenzene	5.835	146	333130	46.615	ug/ml	98
12) 1,2-Dichlorobenzene	5.994	146	324690	47.218	ug/ml	99
13) Benzyl alcohol	5.988	79	228847	48.521	ug/ml	100
14) Bis(2-chloroisopropyl)...	6.152	45	385833	46.159	ug/ml	97

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNICV.D
Acq On : 1 Aug 2025 6:50 am
Operator : GCMS5:cmm
Sample : CQICV1,32,,ABN ICV Lot # 11653
Misc : WG2098562,,
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 04 13:59:01 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 13:59:36 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	6.135	108	250520	48.635	ug/ml	98
16) Hexachloroethane	6.358	117	120838	47.582	ug/ml	85
17) n-Nitrosodi-n-propylamine	6.282	70	199748	48.212	ug/ml	93
18) 3-Methylphenol/4-Methy...	6.299	108	273250	49.353	ug/ml	98
20) Nitrobenzene	6.429	77	286881	48.016	ug/ml	96
21) Isophorone	6.687	82	534540	49.082	ug/ml	98
22) 2-Nitrophenol	6.764	139	148843	50.026	ug/ml	92
23) 2,4-Dimethylphenol	6.846	107	277517	48.378	ug/ml	99
24) Bis(2-chloroethoxy)met...	6.934	93	333500	48.219	ug/ml	98
25) 2,4-Dichlorophenol	7.016	162	270633	48.667	ug/ml	99
26) 1,2,4-Trichlorobenzene	7.098	180	310087	47.111	ug/ml	99
36) Naphthalene	7.163	128	871447	46.888	ug/ml	100
37) Benzoic Acid	6.963	105	205111	45.656	ug/ml#	1
38) 4-Chloroaniline	7.234	65	109905	47.434	ug/ml	89
39) Hexachlorobutadiene	7.322	225	182243	46.065	ug/ml	99
40) p-Chloro-m-cresol	7.739	107	249665	49.279	ug/ml	99
41) 2-Methylnaphthalene	7.862	142	567389	49.042	ug/ml	95
42) 1-Methylnaphthalene	7.956	115	198645	46.932	ug/ml	95
43) Hexachlorocyclopentadiene	8.033	237	224835	46.455	ug/ml	98
44) 2,4,6-Trichlorophenol	8.150	196	233188	50.275	ug/ml	98
45) 2,4,5-Trichlorophenol	8.180	196	242669	47.629	ug/ml	98
47) 2-Chloronaphthalene	8.338	162	639877	48.003	ug/ml	99
48) 2-Nitroaniline	8.444	138	204464	51.831	ug/ml	90
49) 1,4-Dinitrobenzene	8.579	168	93957	48.725	ug/ml	99
50) 1,3-Dinitrobenzene	8.656	168	114970	48.439	ug/ml	95
51) Dimethyl phthalate	8.650	163	781676	48.355	ug/ml#	98
52) Acenaphthylene	8.744	152	1097401	48.849	ug/ml	98
53) 2,6-Dinitrotoluene	8.691	165	163482	51.460	ug/ml	98
54) 1,2-Dinitrobenzene	8.738	168	73531	49.386	ug/ml	99
64) 3-Nitroaniline	8.849	138	190358	51.277	ug/ml	94
65) Acenaphthene	8.914	154	597358	46.488	ug/ml	92
66) 2,4-Dinitrophenol	8.949	184	106404	41.604	ug/ml	98
67) Dibenzofuran	9.084	168	983330	46.845	ug/ml	99
68) 2,4-Dinitrotoluene	9.084	165	252420	41.810	ug/ml	98
69) 4-Nitrophenol	9.032	65	147287	50.704	ug/ml	92
70) 2,3,5,6-Tetrachlorophenol	9.173	232	230333	48.980	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	9.214	232	219769	47.256	ug/ml	99
72) Diethyl phthalate	9.343	149	787019	48.494	ug/ml	100
73) Fluorene	9.419	166	811659	47.596	ug/ml	95
74) 4-Chlorophenyl phenyl ...	9.431	204	388534	47.299	ug/ml	99

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNICV.D
Acq On : 1 Aug 2025 6:50 am
Operator : GCMS5:cmm
Sample : CQICV1,32,,ABN ICV Lot # 11653
Misc : WG2098562,,
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 04 13:59:01 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 13:59:36 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	9.443	138	211307	53.493	ug/ml	87
76)	4,6-Dinitro-o-cresol	9.478	198	149730	47.535	ug/ml	98
77)	NDPA/DPA	9.549	169	696757	49.065	ug/ml	92
78)	Azobenzene	9.584	77	722577	49.400	ug/ml#	95
80)	4-Bromophenyl phenyl e...	9.901	248	248462	47.169	ug/ml	97
81)	Hexachlorobenzene	9.960	284	293364	47.018	ug/ml	95
82)	Pentachlorophenol	10.148	266	200374	42.570	ug/ml	98
89)	Phenanthrene	10.348	178	1259383	47.879	ug/ml	98
90)	Anthracene	10.395	178	1303103	49.576	ug/ml	98
91)	Carbazole	10.559	167	1244888	50.090	ug/ml	97
92)	Di-n-butylphthalate	10.935	149	1424221	53.573	ug/ml	99
93)	Fluoranthene	11.505	202	1538257	49.782	ug/ml#	94
94)	Benzidine	11.658	184	1067205	51.243	ug/ml#	96
95)	Pyrene	11.734	202	1670149	49.949	ug/ml	97
97)	Butyl benzyl phthalate	12.486	149	672747	48.914	ug/ml	100
105)	Benzo(a)anthracene	13.086	228	1967264	49.384	ug/ml	97
106)	3,3'-Dichlorobenzidine	13.080	252	784943	55.171	ug/ml#	97
107)	Chrysene	13.133	228	1745759	47.701	ug/ml	96
108)	Bis(2-ethylhexyl)phtha...	13.203	149	1062976	52.522	ug/ml#	94
109)	Di-n-octylphthalate	14.020	149	1752371	52.165	ug/ml	99
110)	Benzo(b)fluoranthene	14.396	252	1839497	47.690	ug/ml#	96
111)	Benzo(k)fluoranthene	14.431	252	1912748	49.403	ug/ml#	95
112)	Benzo(a)pyrene	14.784	252	1776708	48.651	ug/ml#	95
114)	Indeno(1,2,3-cd)pyrene	16.059	276	1909778	52.134	ug/mL#	88
115)	Dibenzo(a,h)anthracene	16.088	278	1880348	50.455	ug/ml#	93
116)	Benzo(ghi)perylene	16.358	276	1795582	50.516	ug/ml#	92

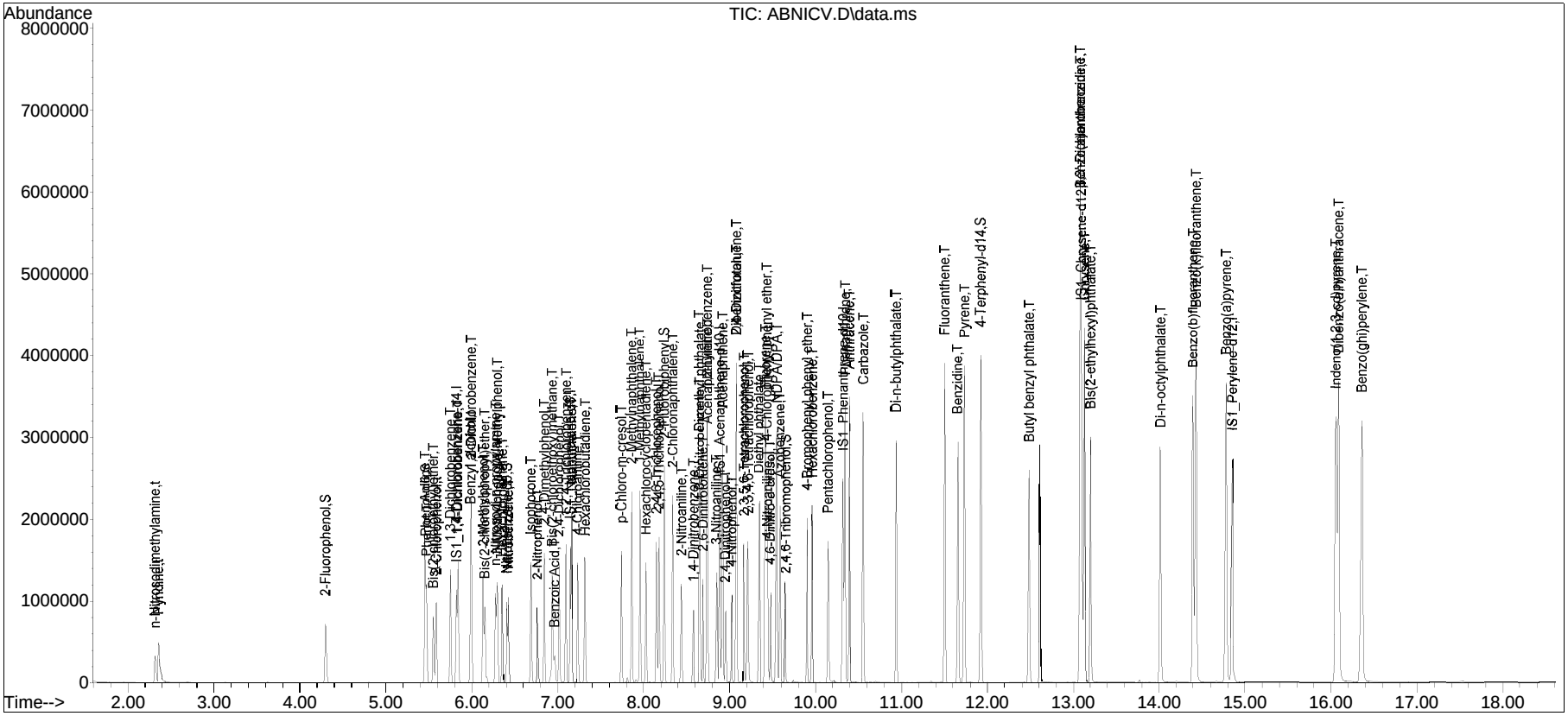
(#) = qualifier out of range (m) = manual integration (+) = signals summed

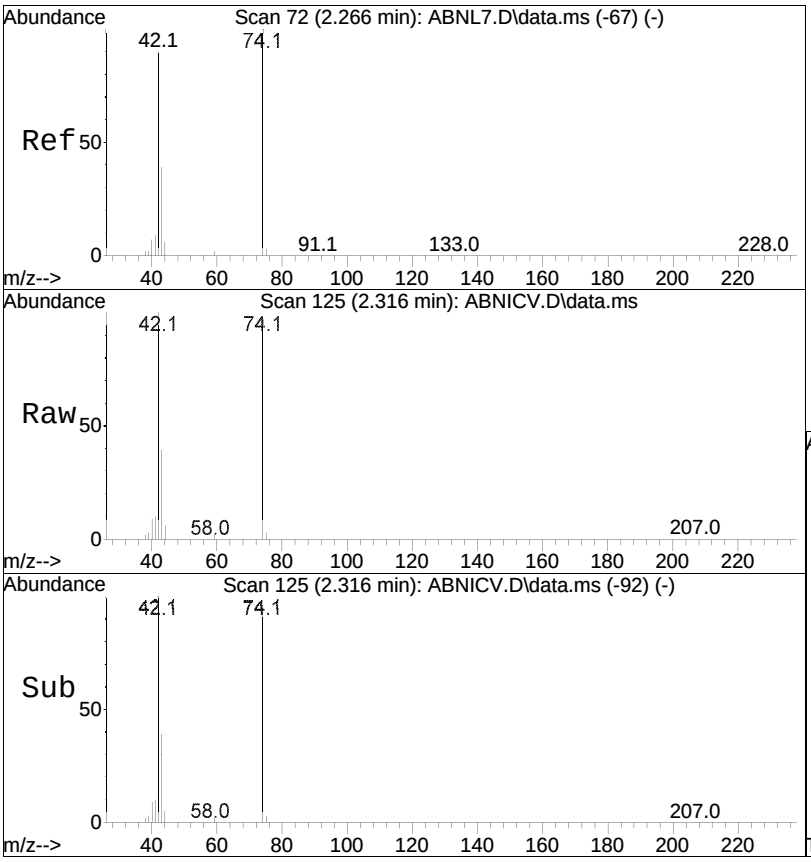
Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ABNICV.D
Acq On : 1 Aug 2025 6:50 am
Operator : GCMS5:cmm
Sample : CQICV1,32,,ABN ICV Lot # 11653
Misc : WG2098562,,
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Aug 04 13:59:01 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 13:59:36 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublistAL\ABNL7.D•

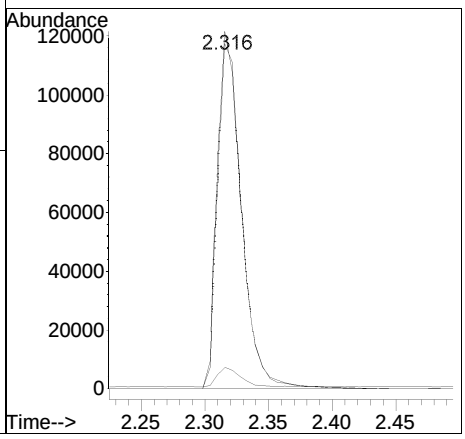


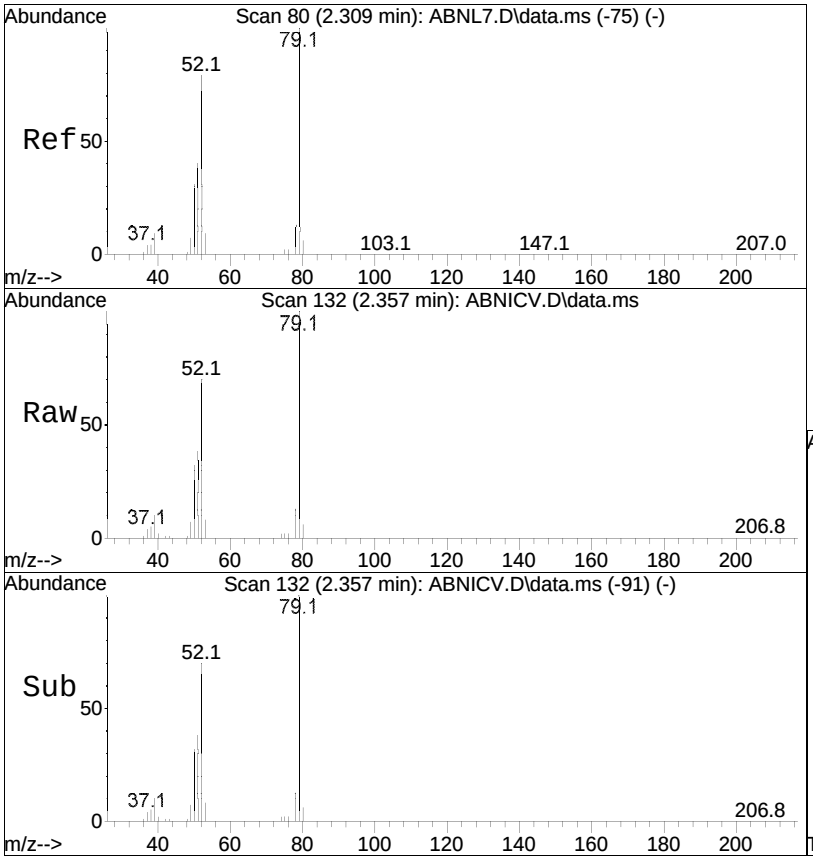


#2
n-Nitrosodimethylamine
Concen: 48.06 ug/ml
RT: 2.316 min Scan# 125
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion: 74 Resp: 155730

Ion	Ratio	Lower	Upper
74	100		
42	101.5	69.4	104.2
44	5.5	3.5	5.3#

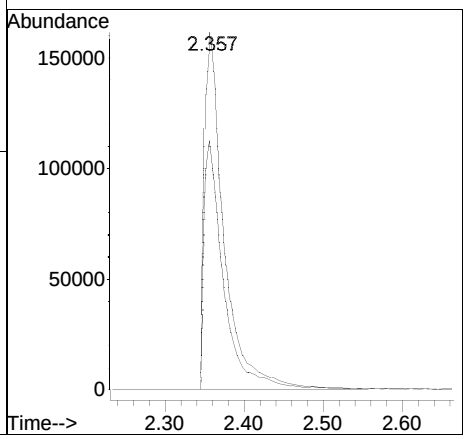


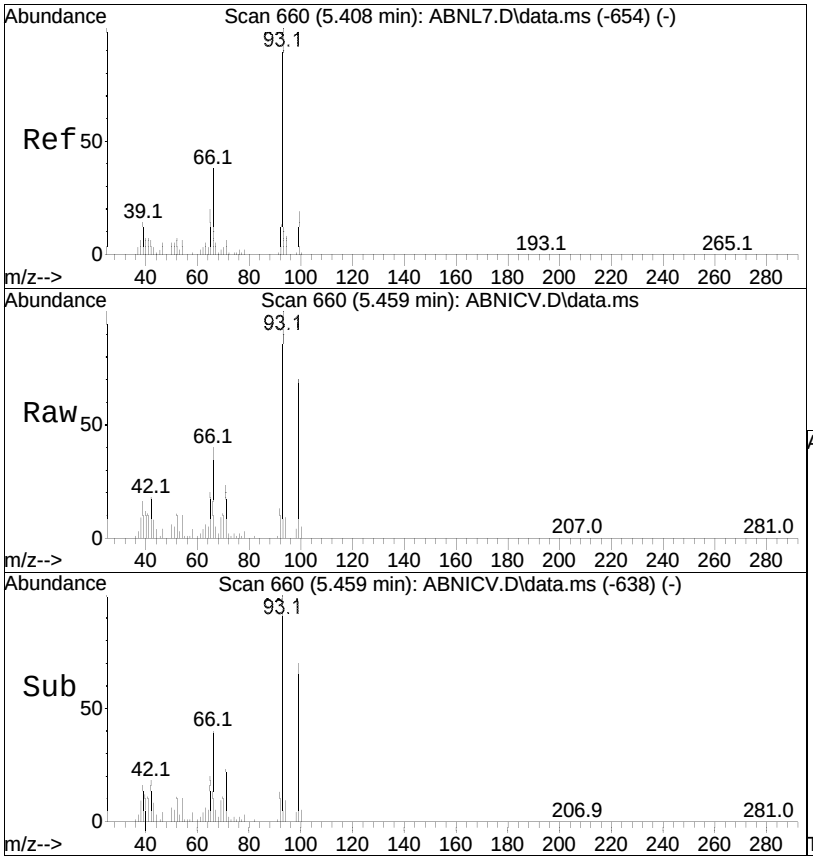


#3
Pyridine
Concen: 49.33 ug/ml
RT: 2.357 min Scan# 132
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion: 79 Resp: 277821

Ion	Ratio	Lower	Upper
79	100		
52	68.4	56.6	85.0

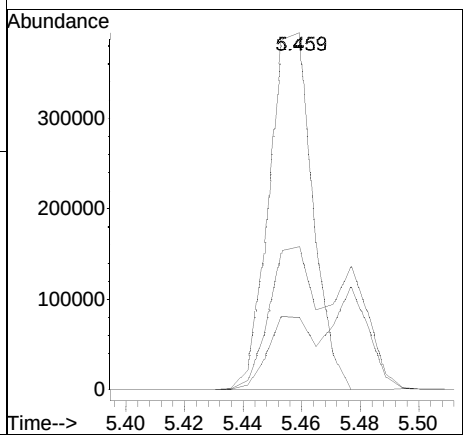


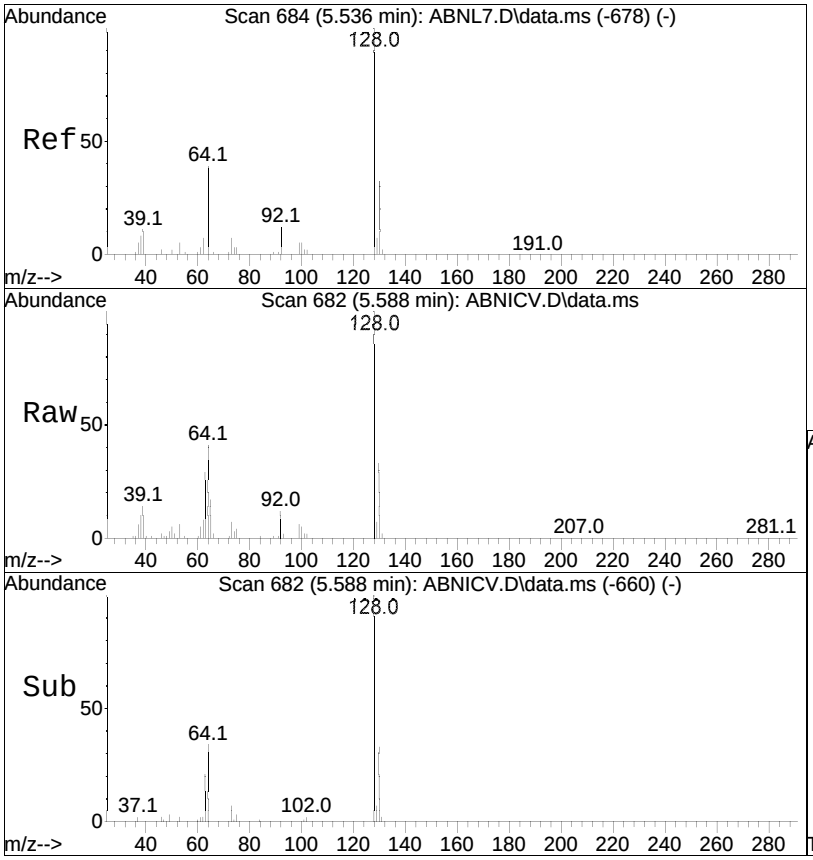


#5
Aniline
Concen: 47.85 ug/ml
RT: 5.459 min Scan# 660
Delta R.T. 0.005 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion: 93 Resp: 405591

Ion	Ratio	Lower	Upper
93	100		
66	70.3	53.5	80.3
65	21.7	34.4	51.6#

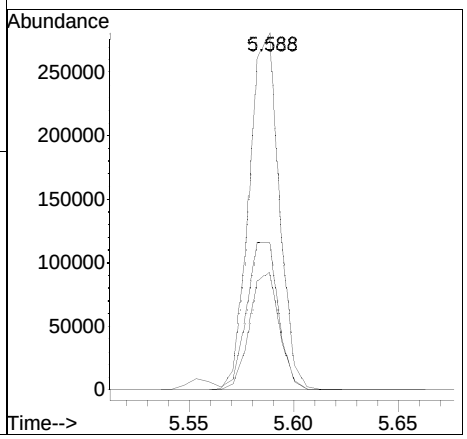


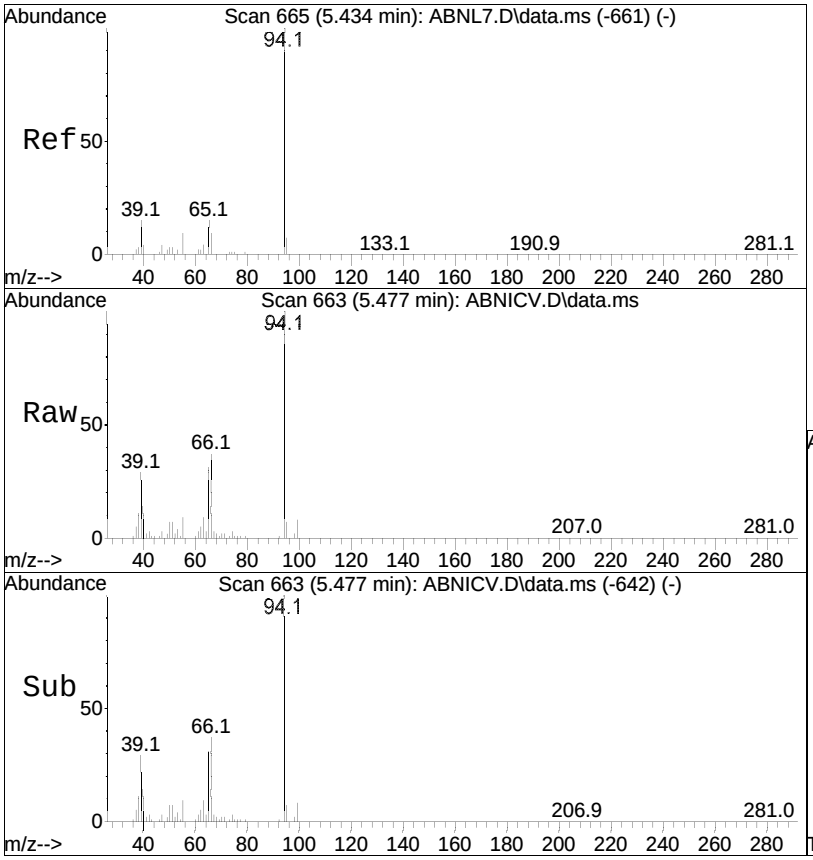


#6
2-Chlorophenol
Concen: 47.90 ug/ml
RT: 5.588 min Scan# 682
Delta R.T. 0.005 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:128 Resp: 279437

Ion	Ratio	Lower	Upper
128	100		
64	43.0	33.5	50.3
130	32.8	25.9	38.9

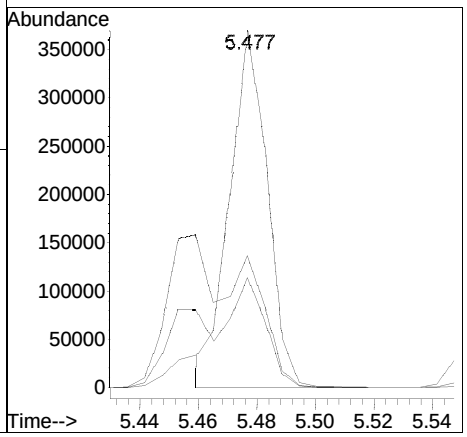


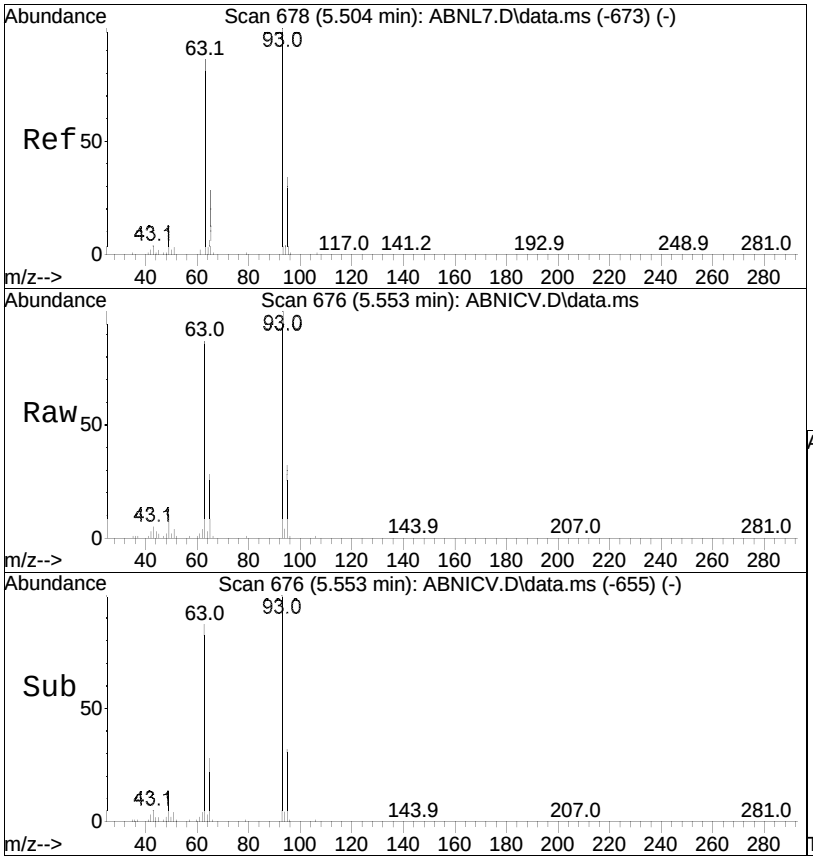


#8
Phenol
Concen: 47.72 ug/ml M6
RT: 5.477 min Scan# 663
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion: 94 Resp: 329752

Ion	Ratio	Lower	Upper
94	100		
65	28.8	38.8	58.2#
66	0.0	60.3	90.5#

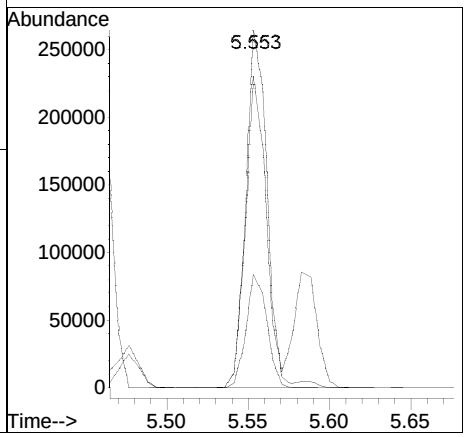


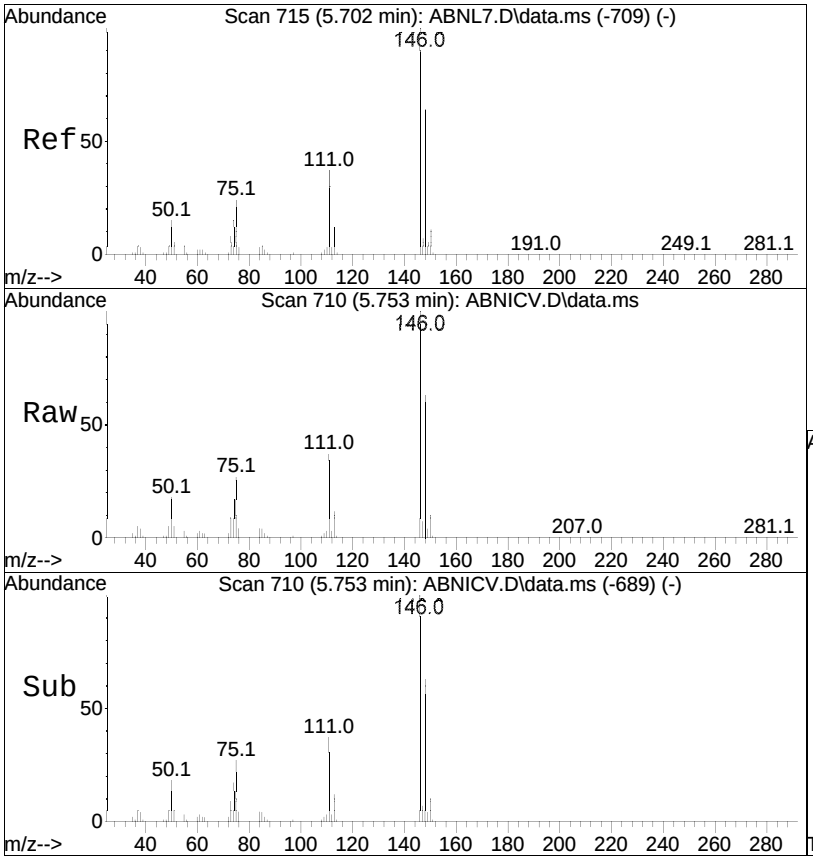


#9
Bis(2-chloroethyl)ether
Concen: 47.38 ug/ml
RT: 5.553 min Scan# 676
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion: 93 Resp: 240002

Ion	Ratio	Lower	Upper
93	100		
63	84.2	63.0	94.6
95	31.2	26.3	39.5

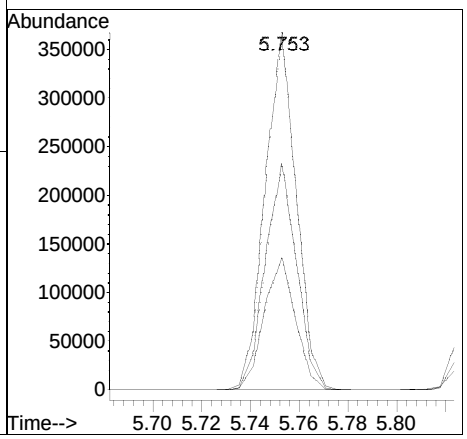


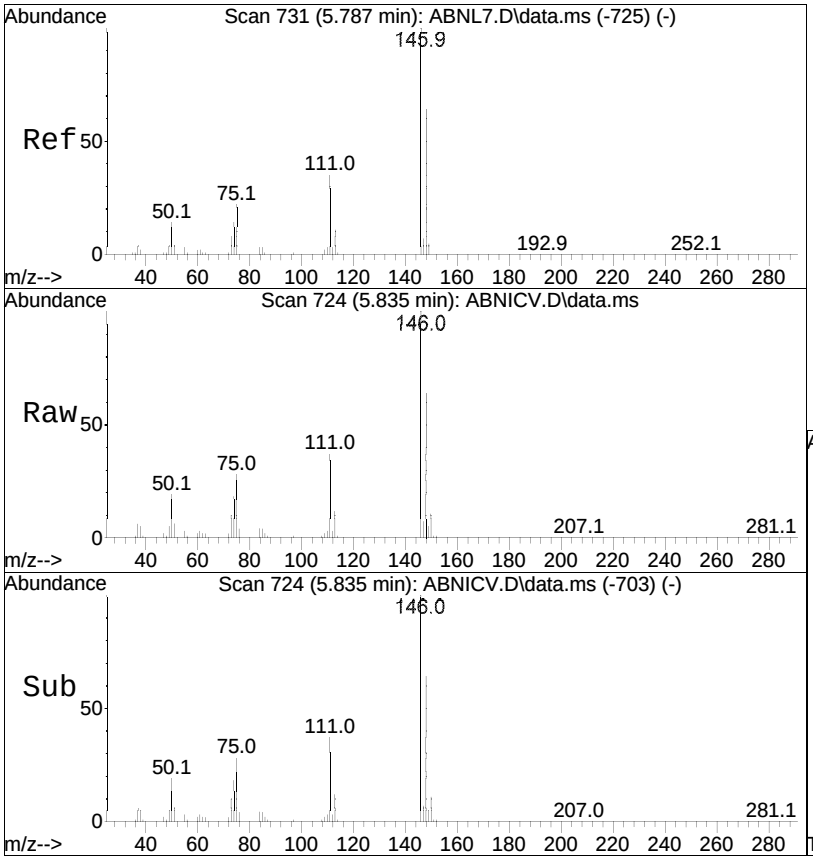


#10
1,3-Dichlorobenzene
Concen: 47.38 ug/ml
RT: 5.753 min Scan# 710
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:146 Resp: 323147

Ion	Ratio	Lower	Upper
146	100		
111	37.4	30.0	45.0
148	63.7	52.6	78.8

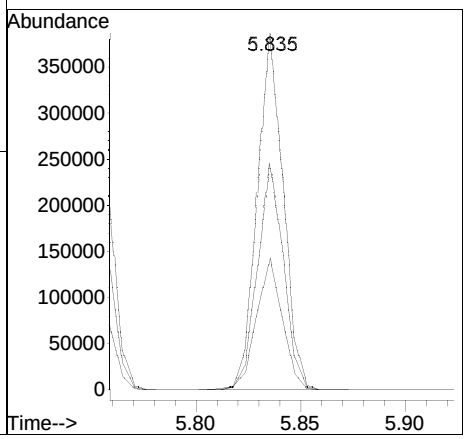


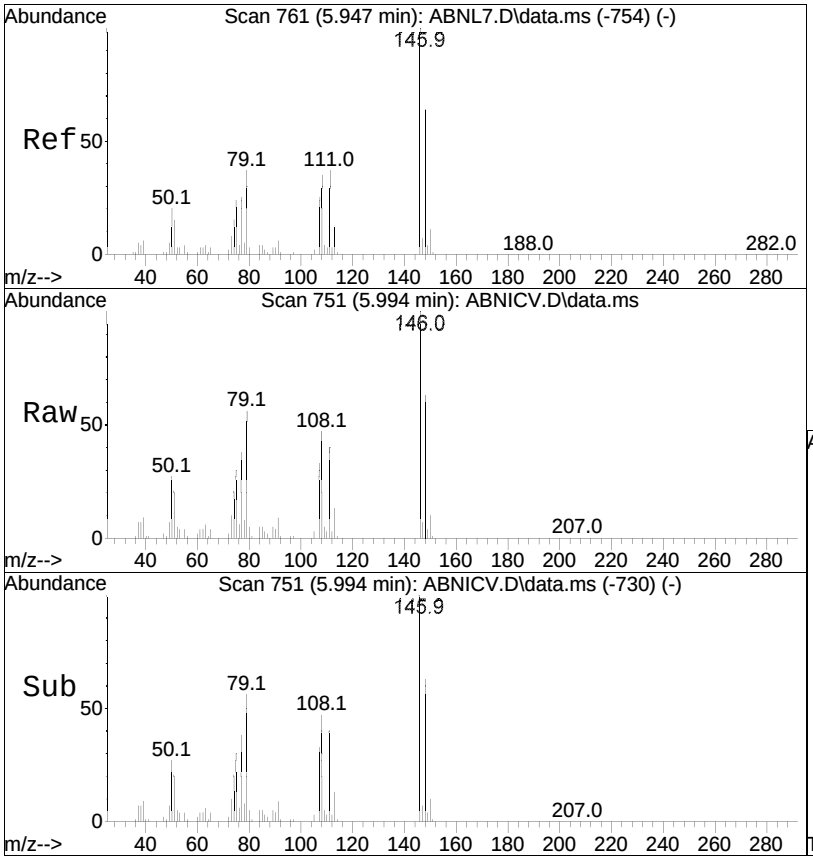


#11
1,4-Dichlorobenzene
Concen: 46.62 ug/ml
RT: 5.835 min Scan# 724
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:146 Resp: 333130

Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.3	78.5
111	37.1	29.2	43.8

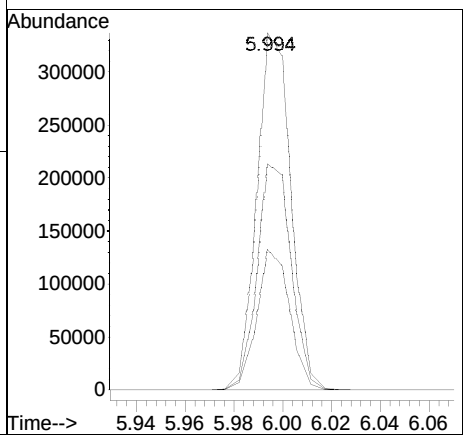


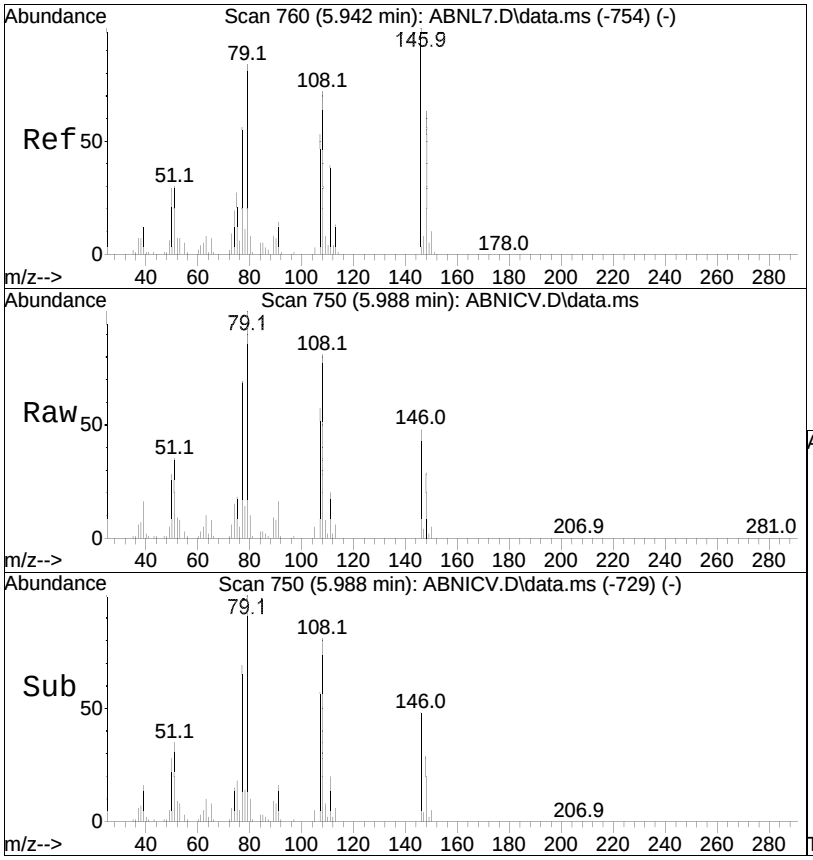


#12
1,2-Dichlorobenzene
Concen: 47.22 ug/ml
RT: 5.994 min Scan# 751
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:146 Resp: 324690

Ion	Ratio	Lower	Upper
146	100		
111	38.3	30.3	45.5
148	63.5	51.8	77.8

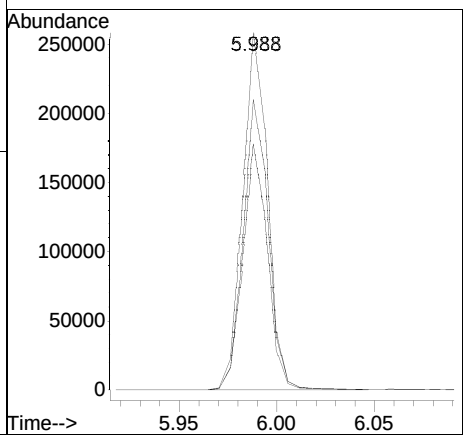


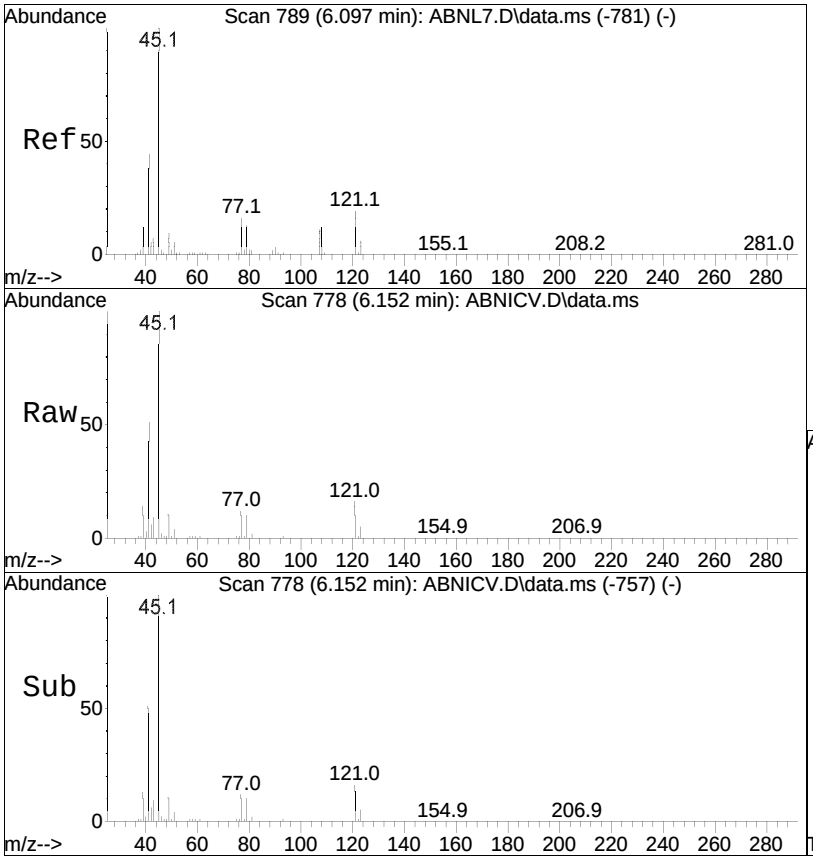


#13
Benzyl alcohol
Concen: 48.52 ug/ml
RT: 5.988 min Scan# 750
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion: 79 Resp: 228847

Ion	Ratio	Lower	Upper
79	100		
77	68.6	54.6	81.8
108	81.7	65.1	97.7

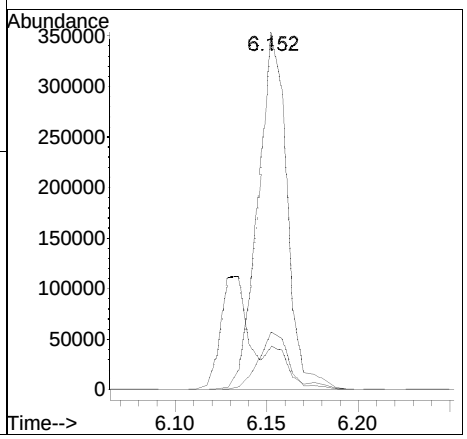


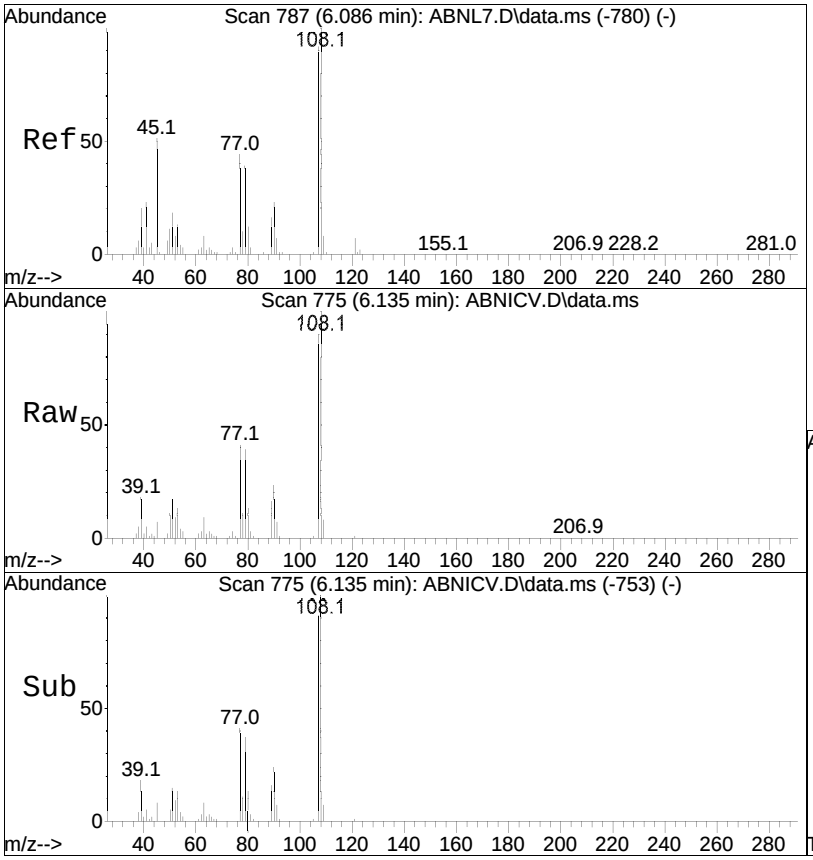


#14
Bis(2-chloroisopropyl)ether
Concen: 46.16 ug/ml
RT: 6.152 min Scan# 778
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion: 45 Resp: 385833

Ion	Ratio	Lower	Upper
45	100		
121	16.7	16.0	24.0
77	40.7	32.1	48.1

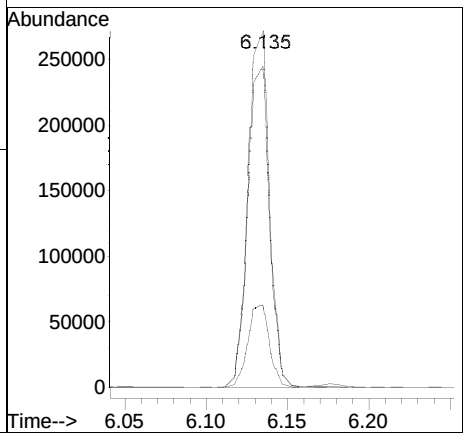


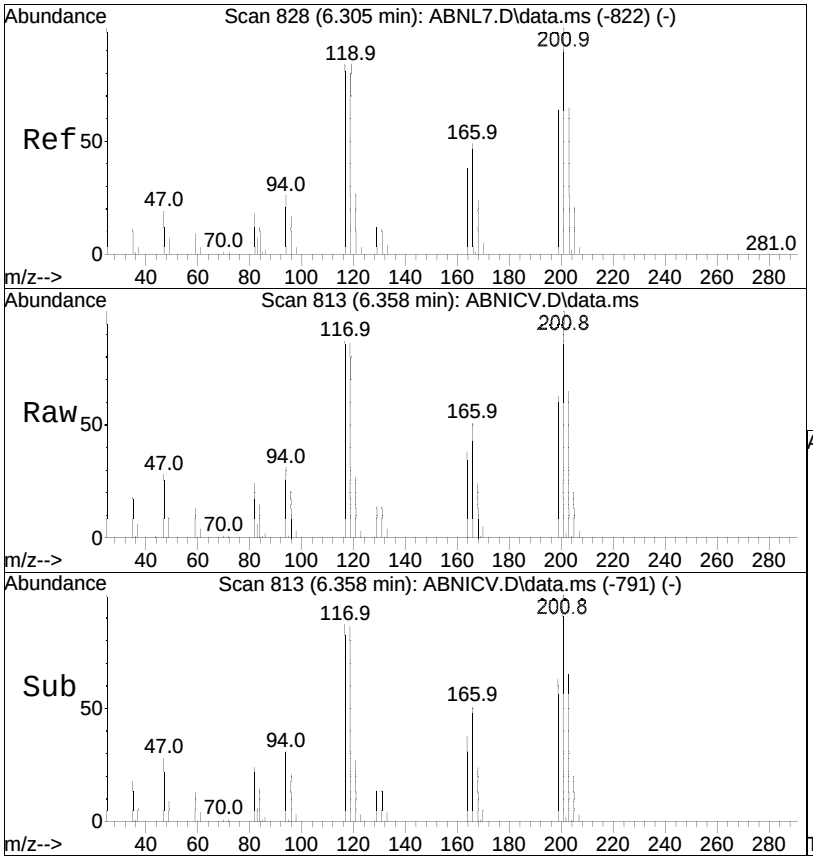


#15
2-Methylphenol
Concen: 48.64 ug/ml
RT: 6.135 min Scan# 775
Delta R.T. 0.006 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:108 Resp: 250520

Ion	Ratio	Lower	Upper
108	100		
107	90.5	70.3	105.5
90	23.3	18.7	28.1

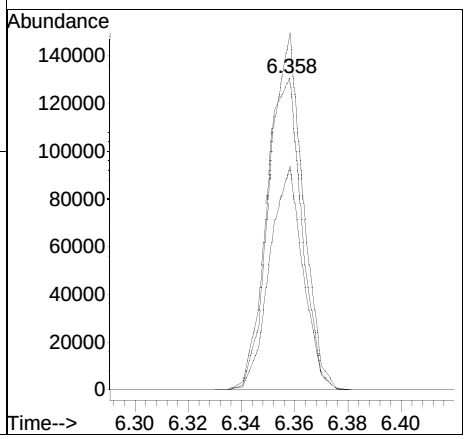


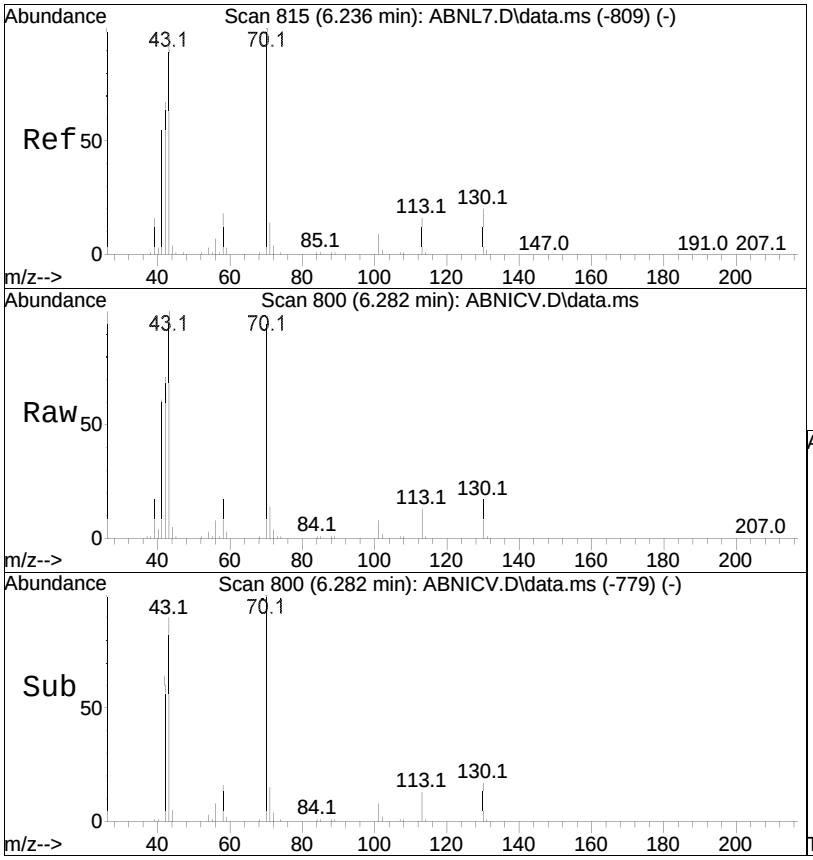


#16
Hexachloroethane
Concen: 47.58 ug/ml
RT: 6.358 min Scan# 813
Delta R.T. 0.006 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:117 Resp: 120838

Ion	Ratio	Lower	Upper
117	100		
201	107.5	73.4	110.0
199	67.5	45.9	68.9

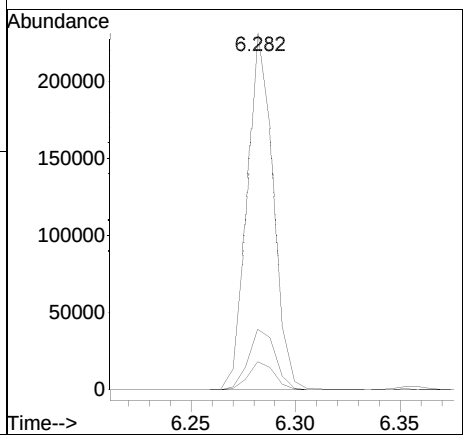


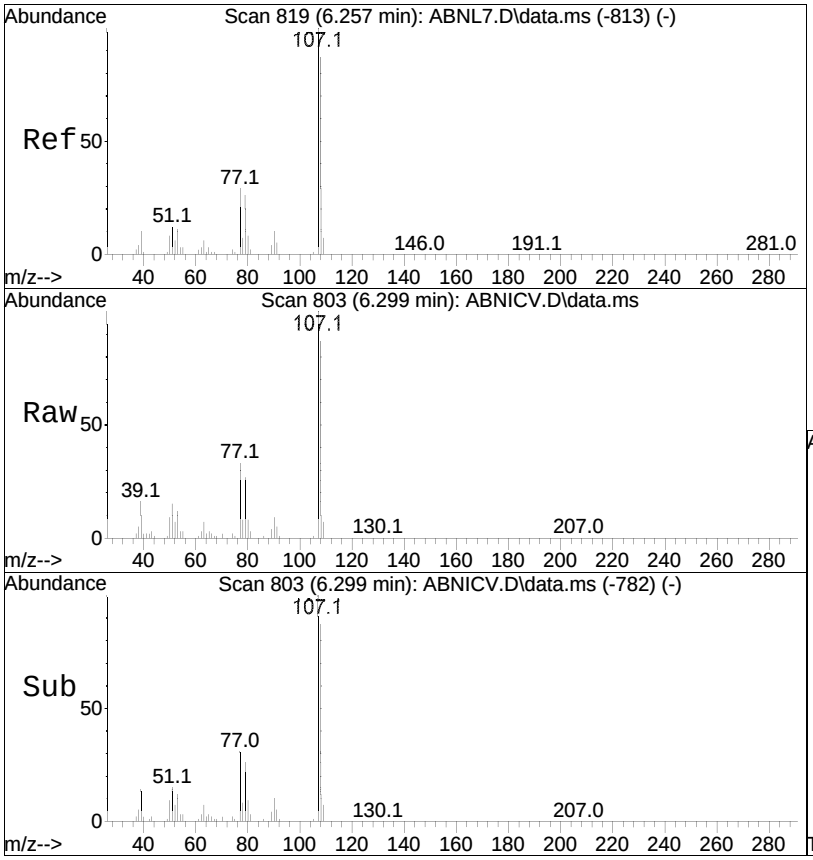


#17
n-Nitrosodi-n-propylamine
Concen: 48.21 ug/ml
RT: 6.282 min Scan# 800
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion: 70 Resp: 199748

Ion	Ratio	Lower	Upper
70	100		
130	17.4	17.1	25.7
101	7.8	7.0	10.4

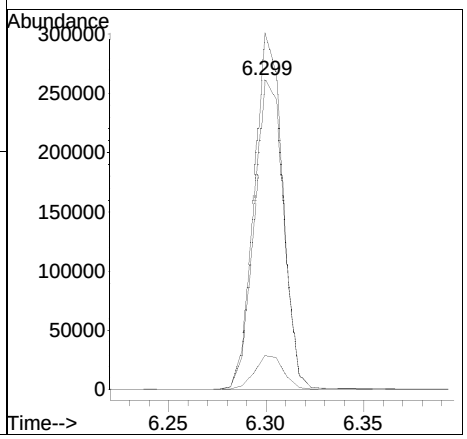


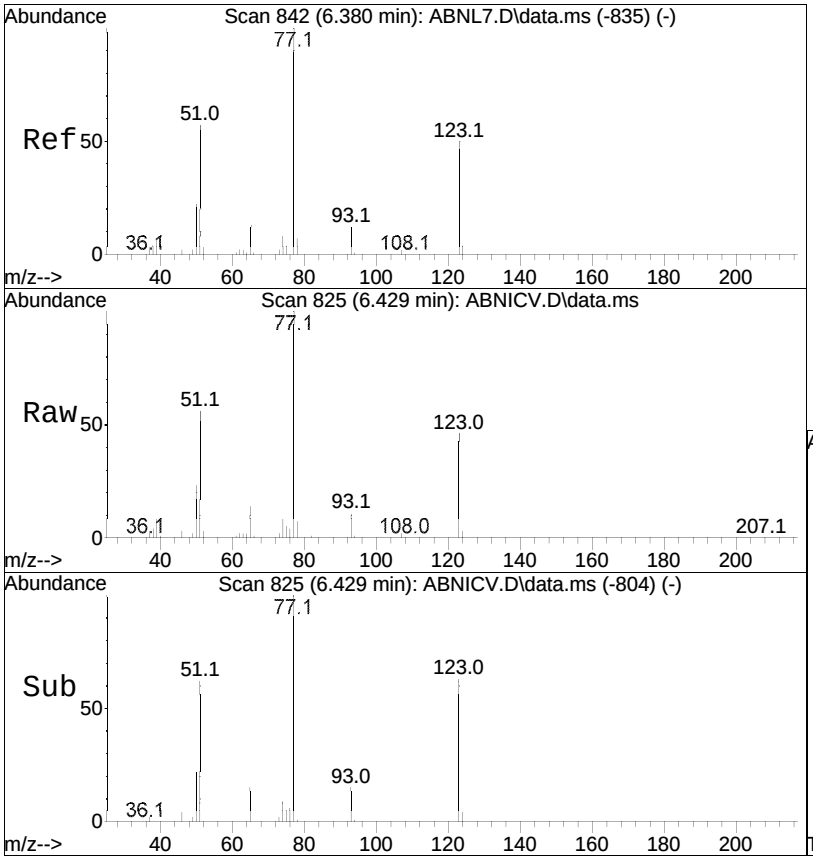


#18
3-Methylphenol/4-Methylphenol
Concen: 49.35 ug/ml
RT: 6.299 min Scan# 803
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:108 Resp: 273250

Ion	Ratio	Lower	Upper
108	100		
107	112.3	88.2	132.2
90	10.8	8.5	12.7

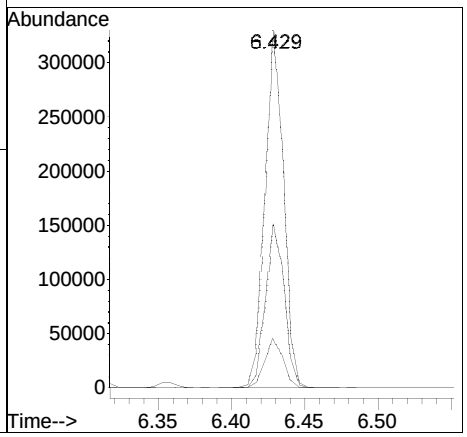


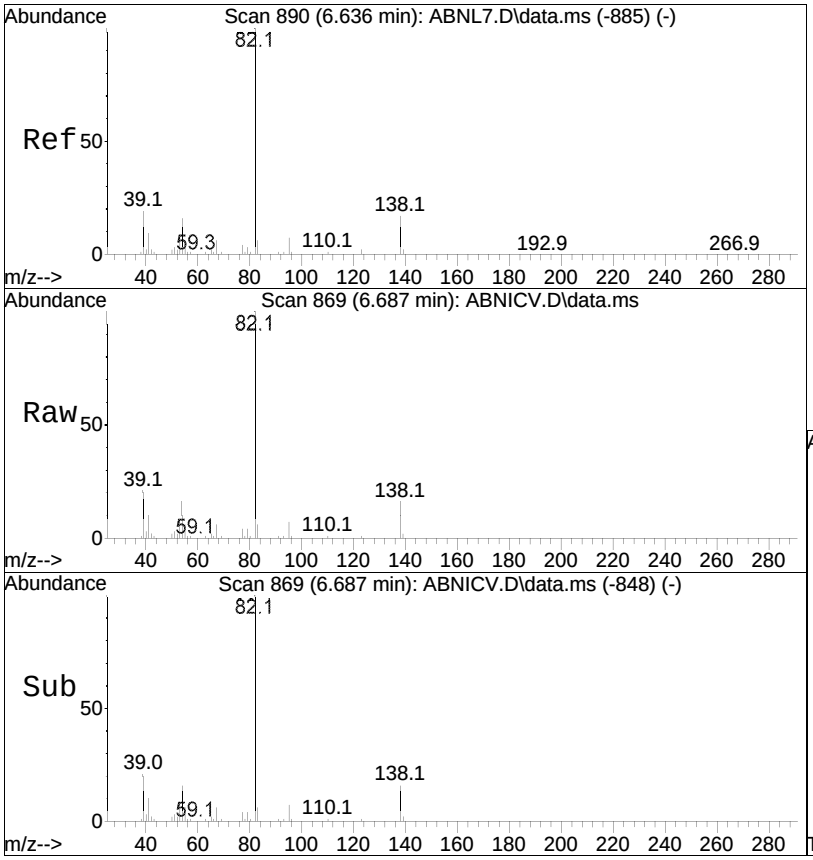


#20
Nitrobenzene
Concen: 48.02 ug/ml
RT: 6.429 min Scan# 825
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion: 77 Resp: 286881

Ion	Ratio	Lower	Upper
77	100		
123	46.3	39.5	59.3
65	13.9	11.0	16.6

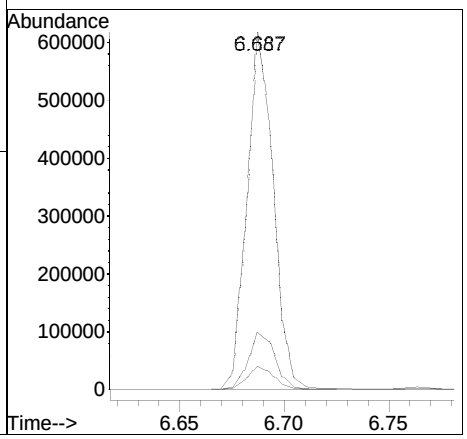


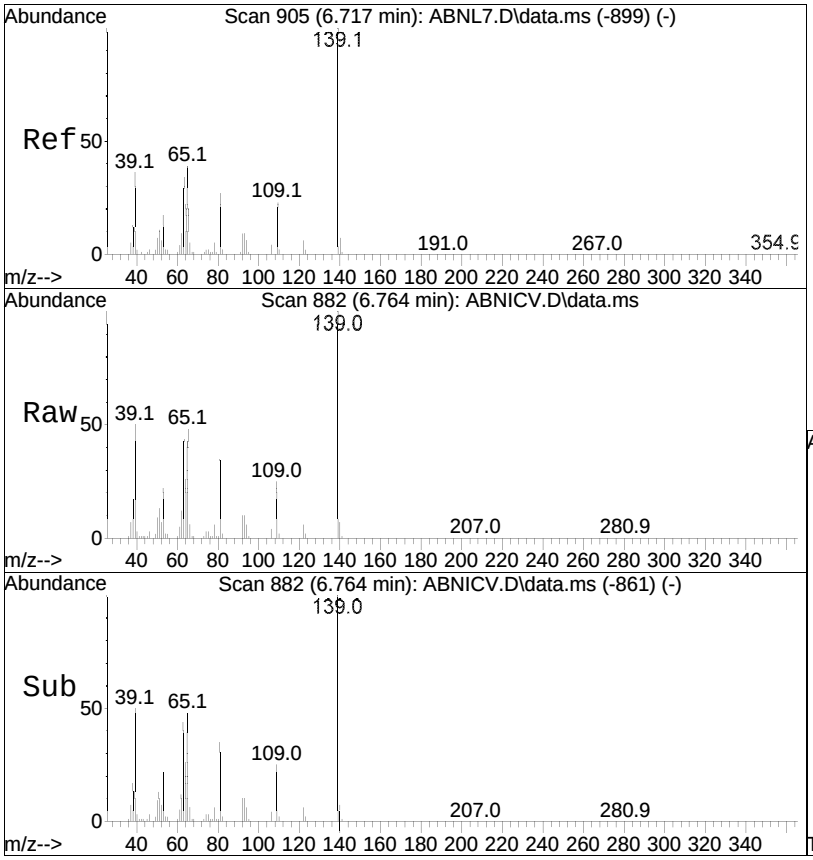


#21
Isophorone
Concen: 49.08 ug/ml
RT: 6.687 min Scan# 869
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion: 82 Resp: 534540

Ion	Ratio	Lower	Upper
82	100		
138	16.5	13.9	20.9
95	6.7	5.1	7.7

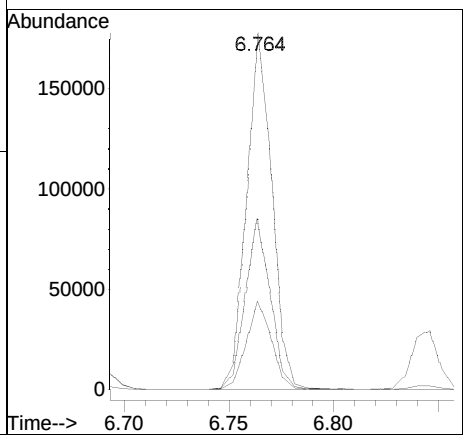


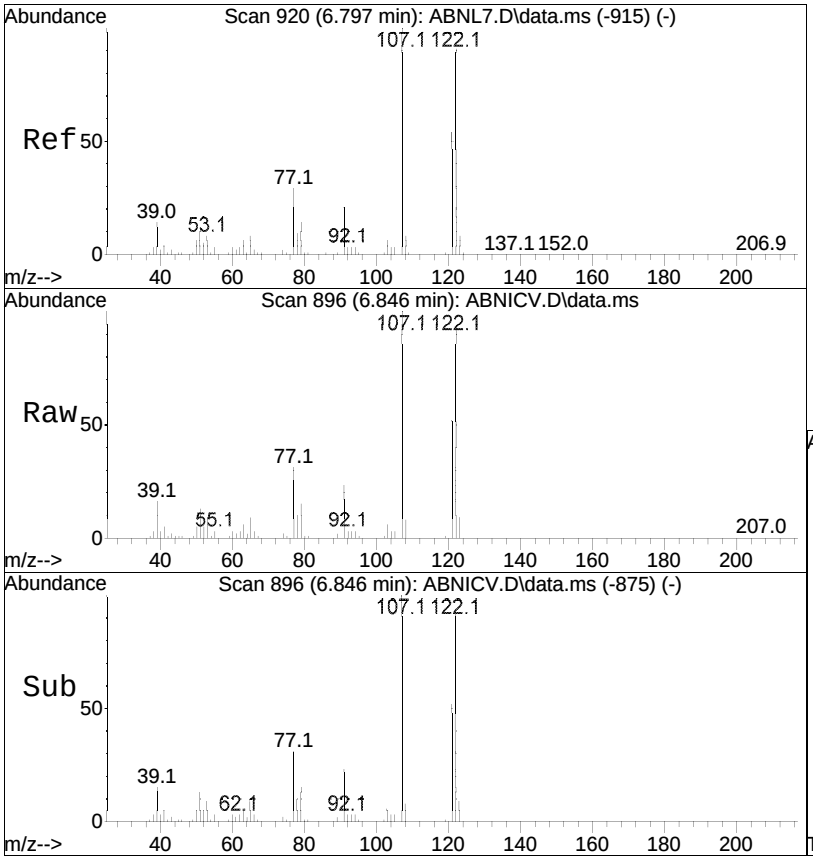


#22
2-Nitrophenol
Concen: 50.03 ug/ml
RT: 6.764 min Scan# 882
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:139 Resp: 148843

Ion	Ratio	Lower	Upper
139	100		
109	24.8	17.2	25.8
65	47.5	33.8	50.6

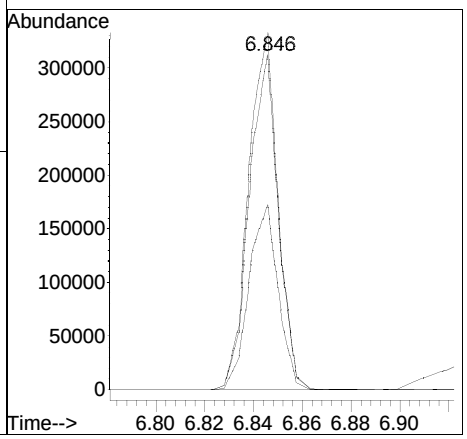


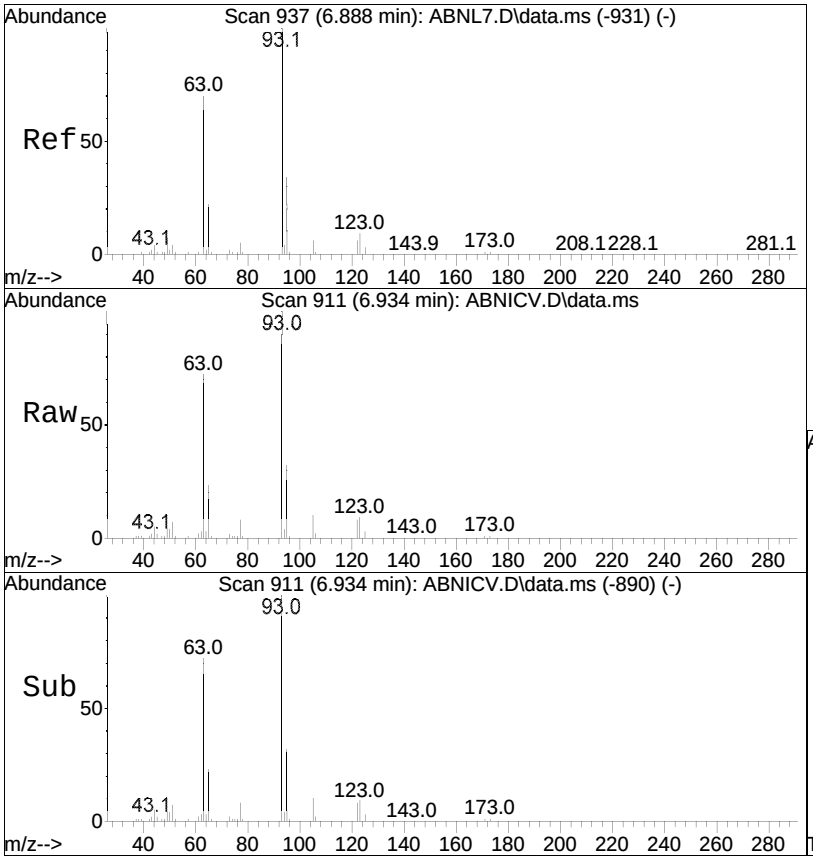


#23
2,4-Dimethylphenol
Concen: 48.38 ug/ml
RT: 6.846 min Scan# 896
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:107 Resp: 277517

Ion	Ratio	Lower	Upper
107	100		
121	51.8	41.2	61.8
122	92.3	72.5	108.7

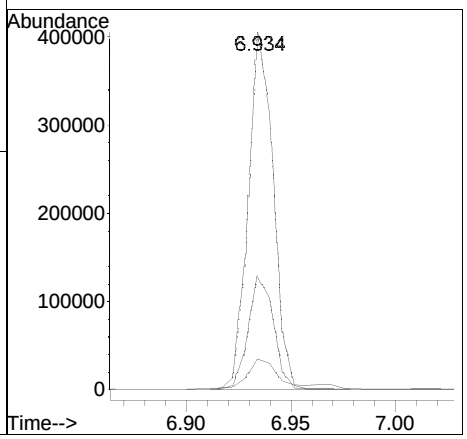


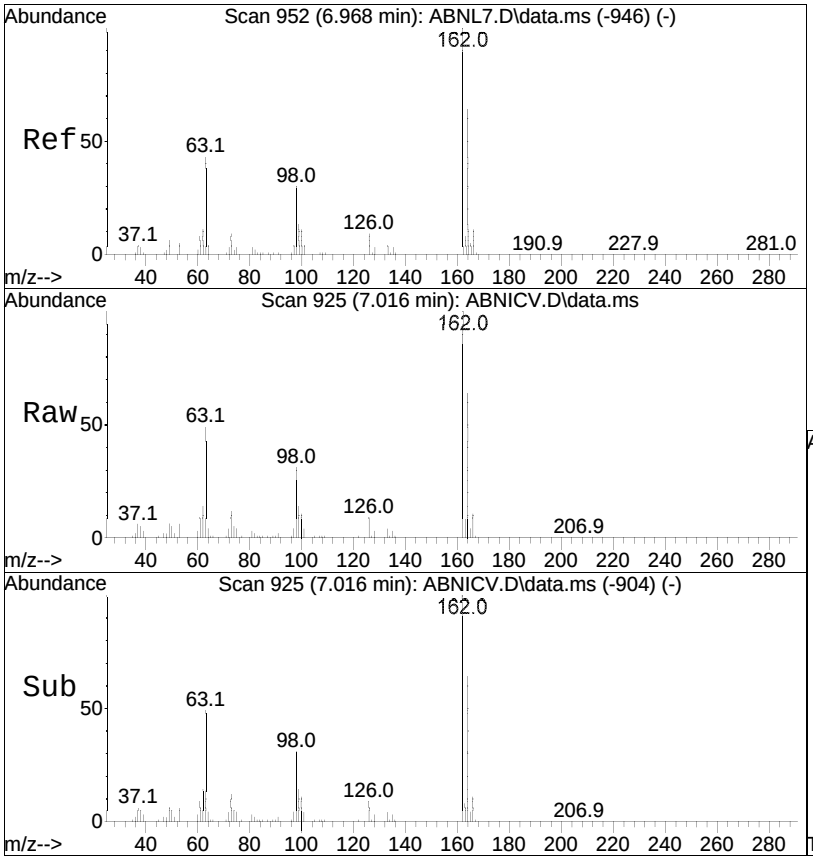


#24
Bis(2-chloroethoxy)methane
Concen: 48.22 ug/ml
RT: 6.934 min Scan# 911
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion: 93 Resp: 333500

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.8	40.2
123	12.0	8.7	13.1

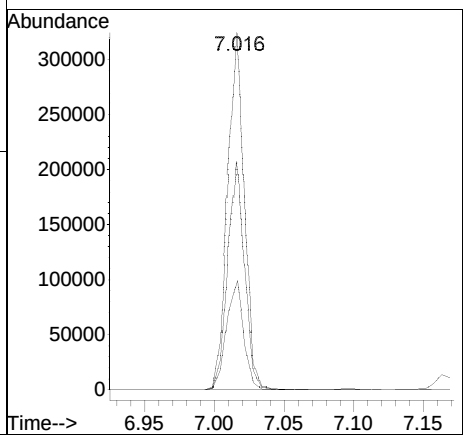


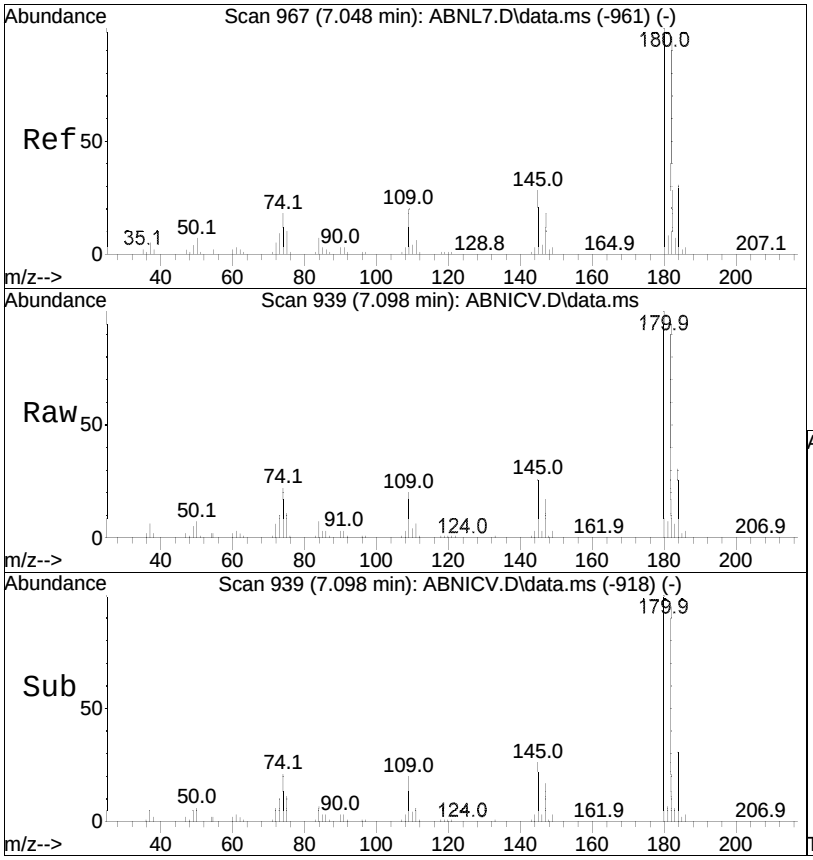


#25
2,4-Dichlorophenol
Concen: 48.67 ug/ml
RT: 7.016 min Scan# 925
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:162 Resp: 270633

Ion	Ratio	Lower	Upper
162	100		
164	64.0	51.8	77.8
98	31.4	25.0	37.4

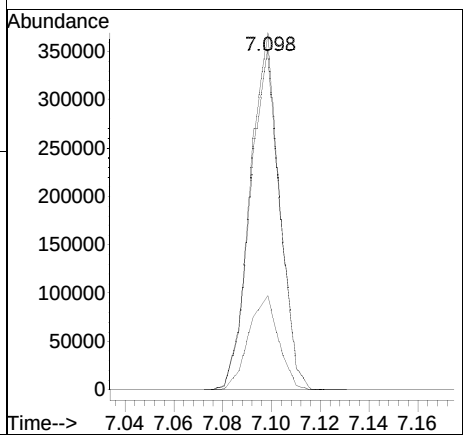


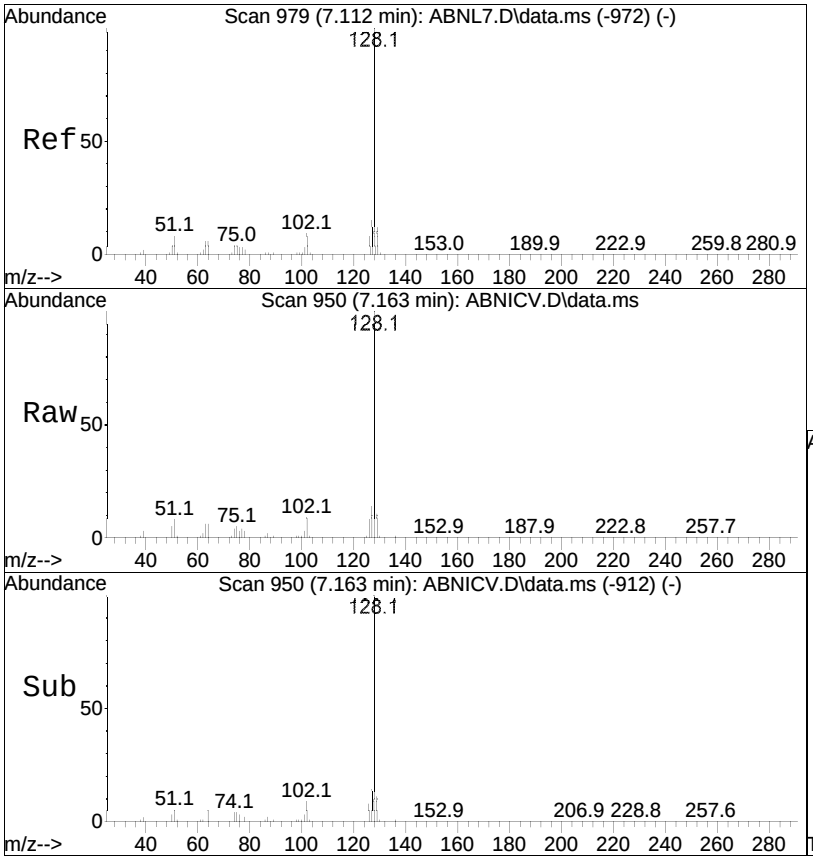


#26
1,2,4-Trichlorobenzene
Concen: 47.11 ug/ml
RT: 7.098 min Scan# 939
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:180 Resp: 310087

Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.5	116.3
145	27.0	22.2	33.2

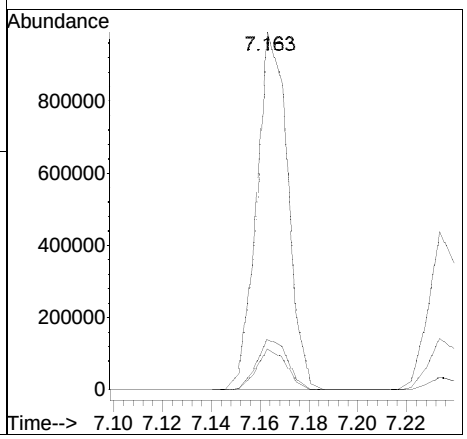


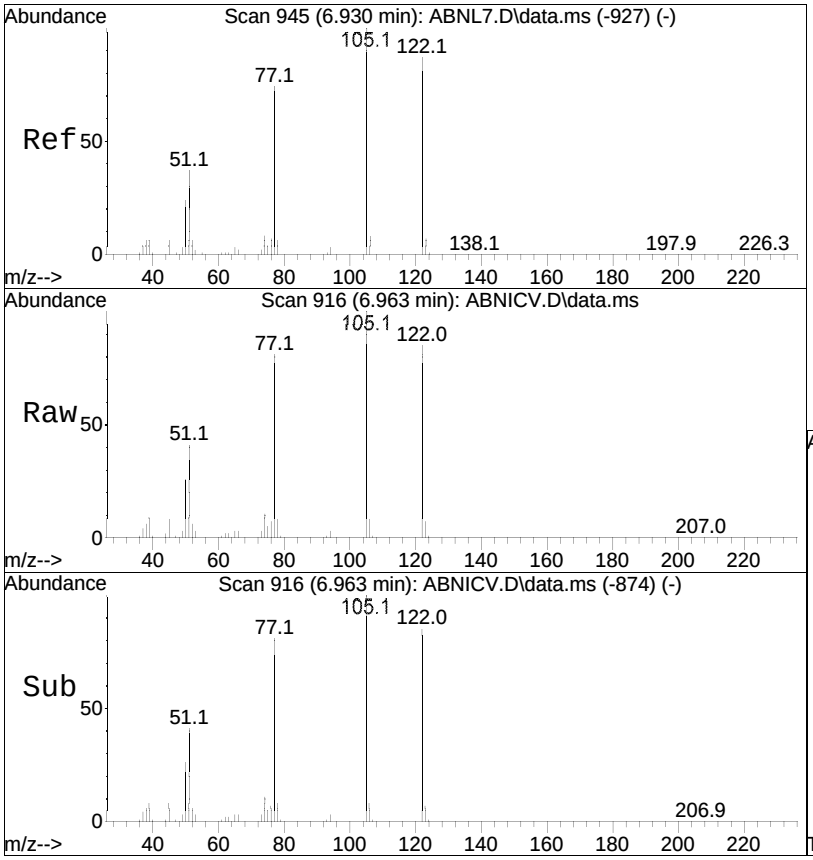


#36
Naphthalene
Concen: 46.89 ug/ml
RT: 7.163 min Scan# 950
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:128 Resp: 871447

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	14.3	11.3	16.9

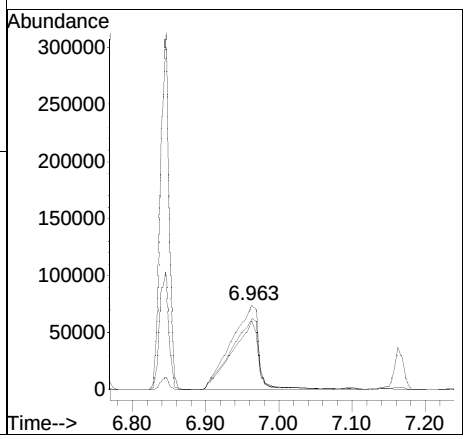


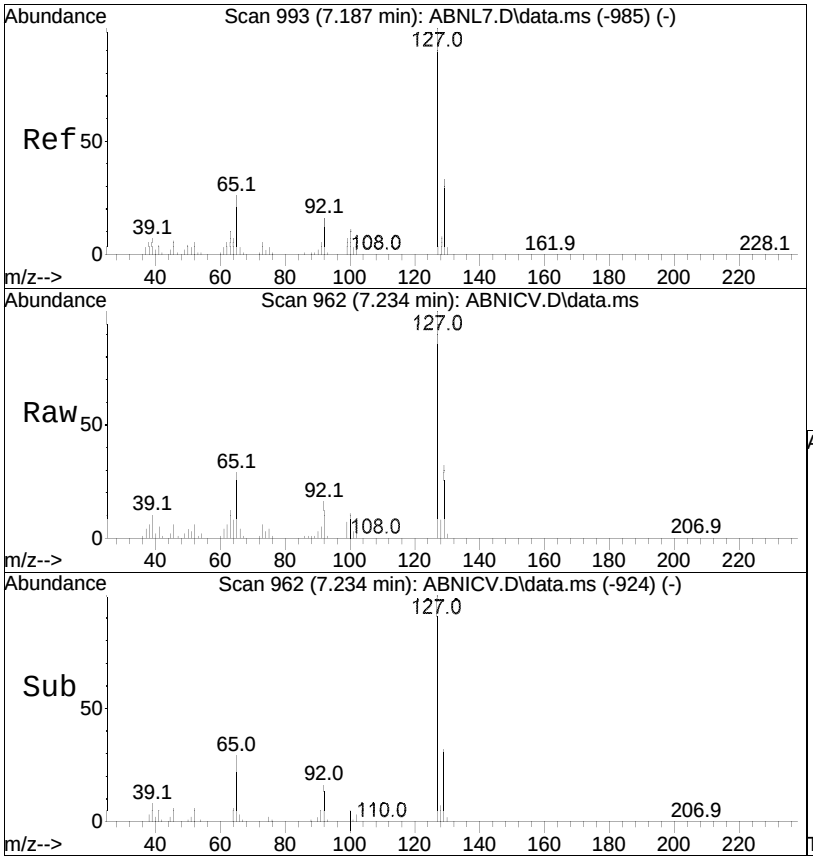


#37
Benzoic Acid
Concen: 45.66 ug/ml
RT: 6.963 min Scan# 916
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:105 Resp: 205111

Ion	Ratio	Lower	Upper
105	100		
122	82.1	2158.8	3238.2#
77	71.9	747.4	1121.0#

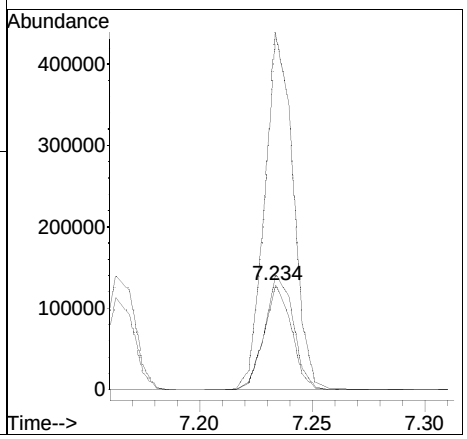


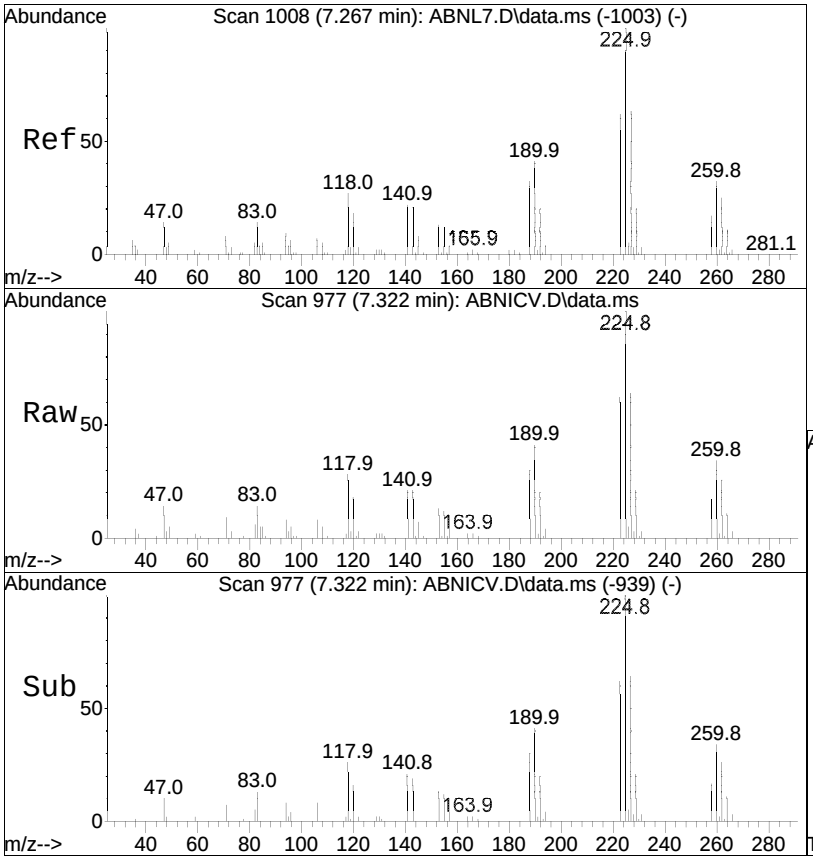


#38
4-Chloroaniline
Concen: 47.43 ug/ml
RT: 7.234 min Scan# 962
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion: 65 Resp: 109905

Ion	Ratio	Lower	Upper
65	100		
127	351.1	302.2	453.2
129	113.4	97.8	146.8

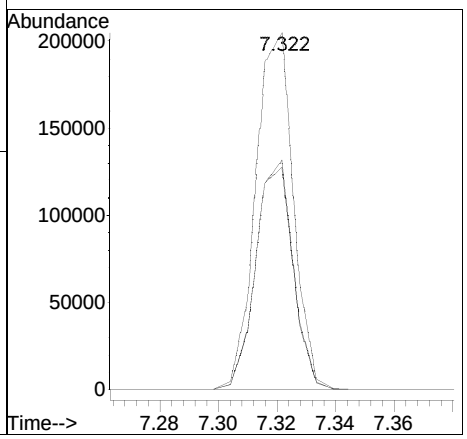


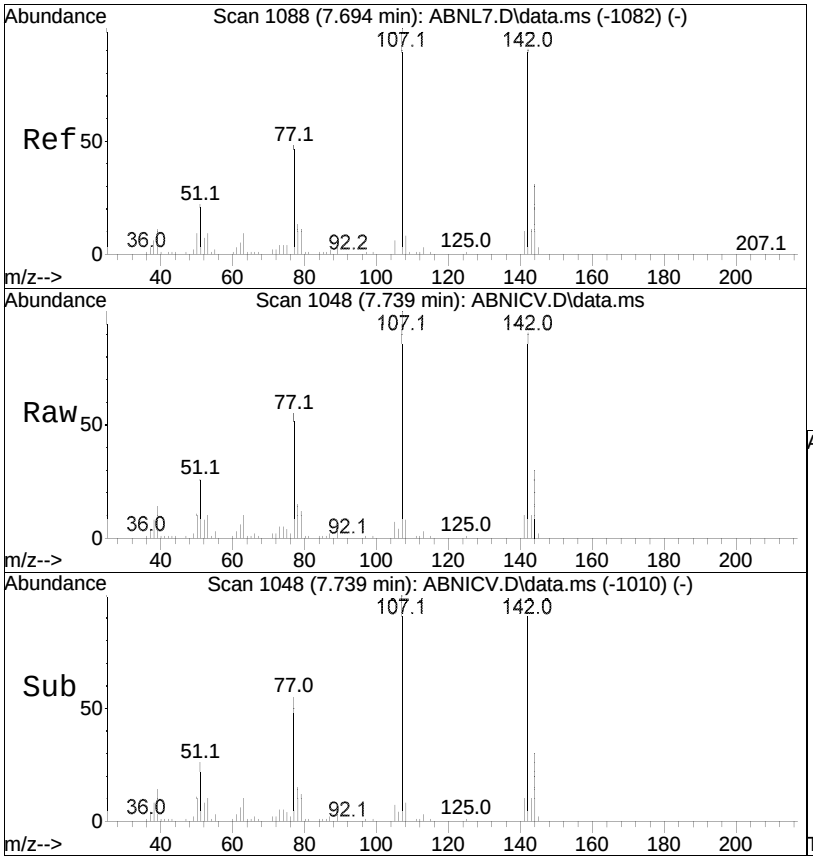


#39
Hexachlorobutadiene
Concen: 46.06 ug/ml
RT: 7.322 min Scan# 977
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:225 Resp: 182243

Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.0	75.0
227	63.6	51.8	77.6

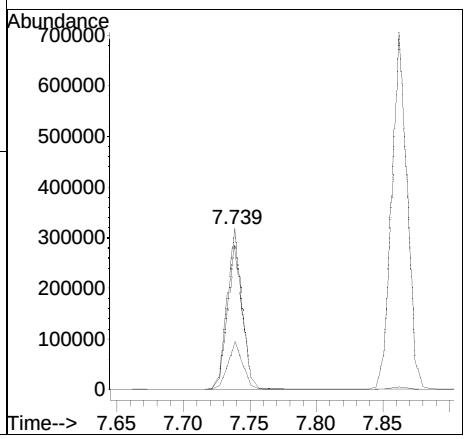


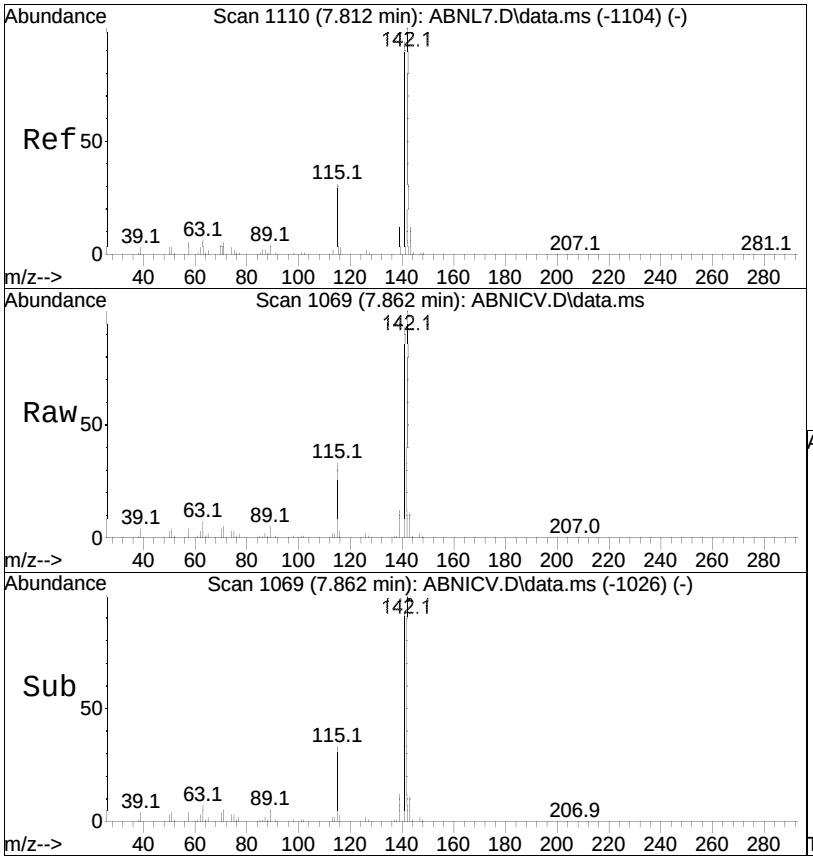


#40
p-Chloro-m-cresol
Concen: 49.28 ug/ml
RT: 7.739 min Scan# 1048
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:107 Resp: 249665

Ion	Ratio	Lower	Upper
107	100		
144	29.4	23.3	34.9
142	89.7	72.7	109.1

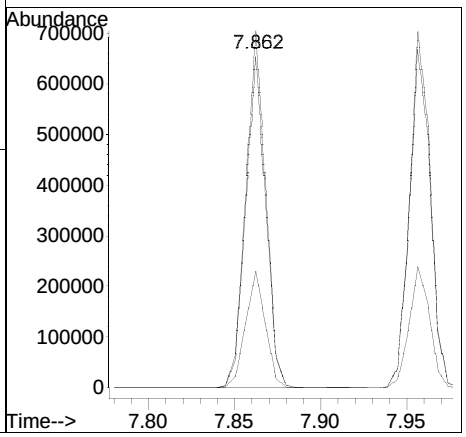


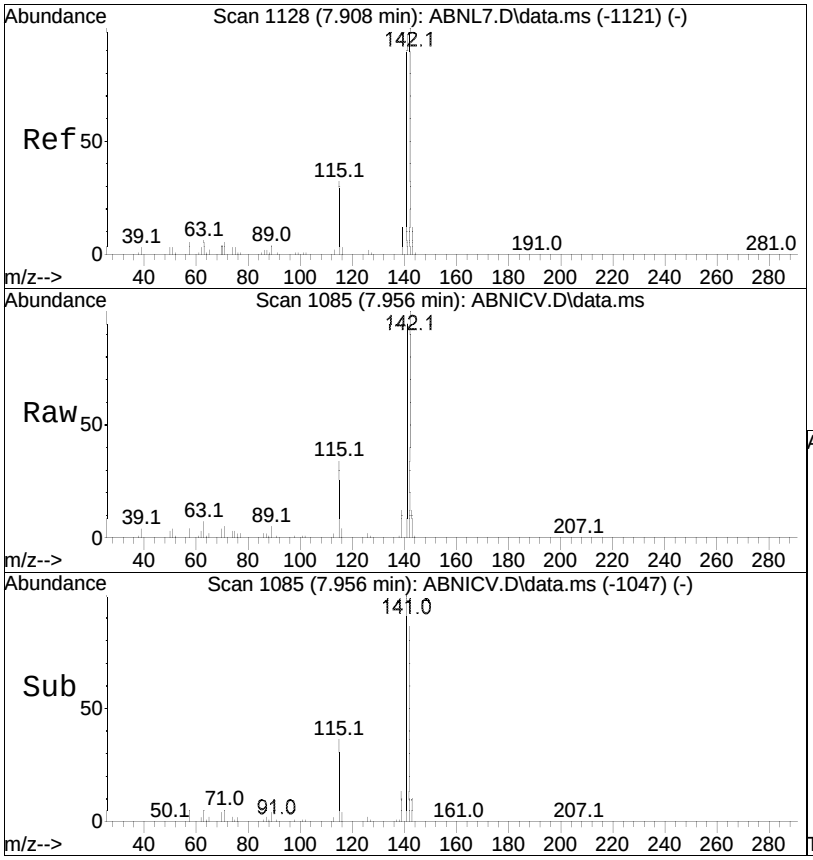


#41
2-Methylnaphthalene
Concen: 49.04 ug/ml
RT: 7.862 min Scan# 1069
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:142 Resp: 567389

Ion	Ratio	Lower	Upper
142	100		
141	92.9	69.5	104.3
115	32.5	25.4	38.2

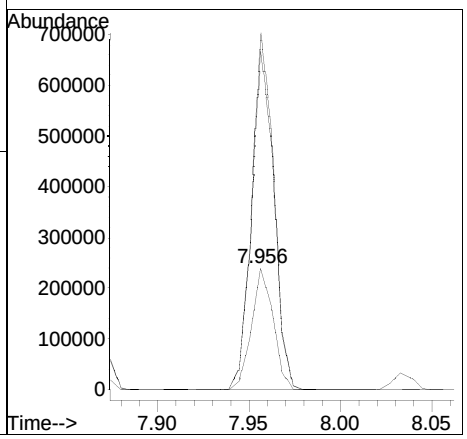


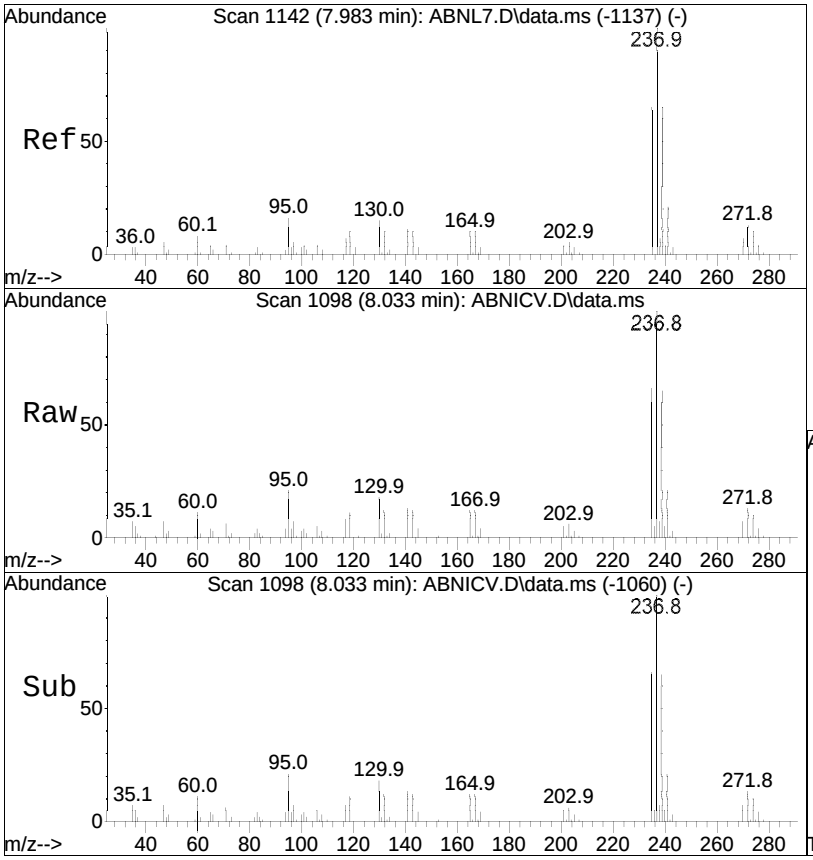


#42
1-Methylnaphthalene
Concen: 46.93 ug/ml
RT: 7.956 min Scan# 1085
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:115 Resp: 198645

Ion	Ratio	Lower	Upper
115	100		
141	283.2	218.1	327.1
142	297.2	245.3	367.9

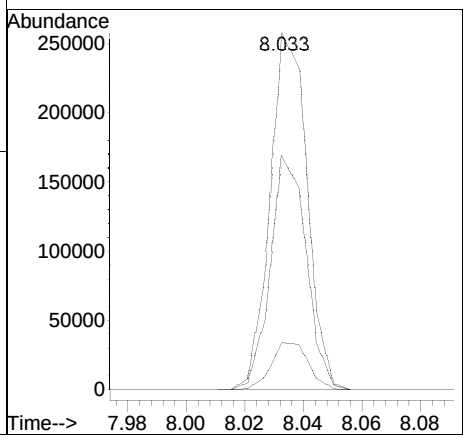


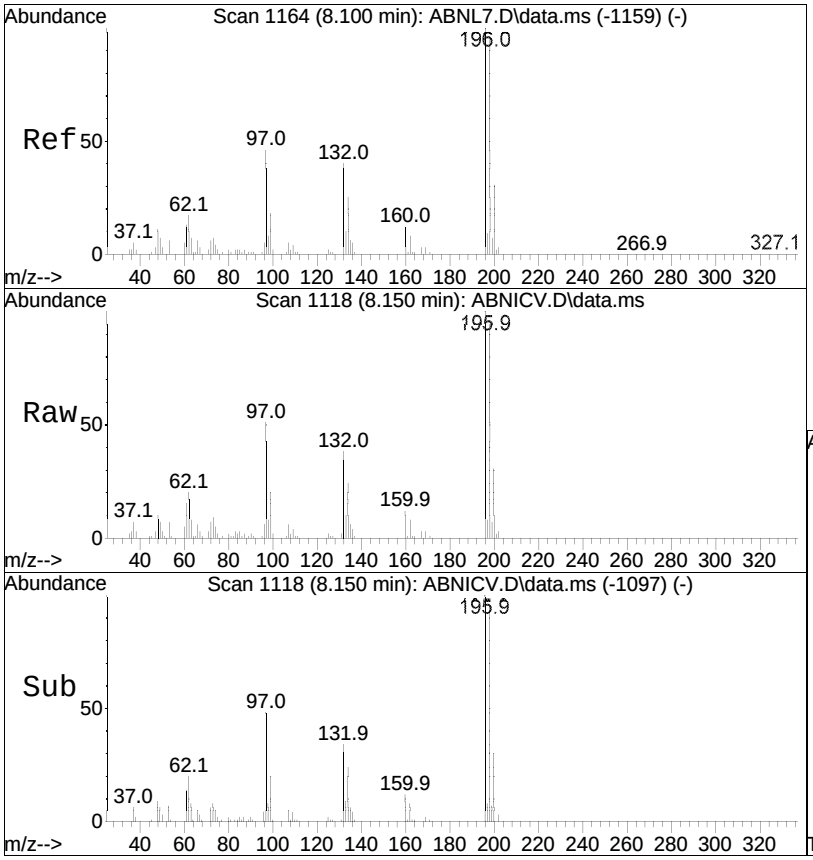


#43
Hexachlorocyclopentadiene
Concen: 46.46 ug/ml
RT: 8.033 min Scan# 1098
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:237 Resp: 224835

Ion	Ratio	Lower	Upper
237	100		
235	63.9	49.9	74.9
272	13.5	11.4	17.2

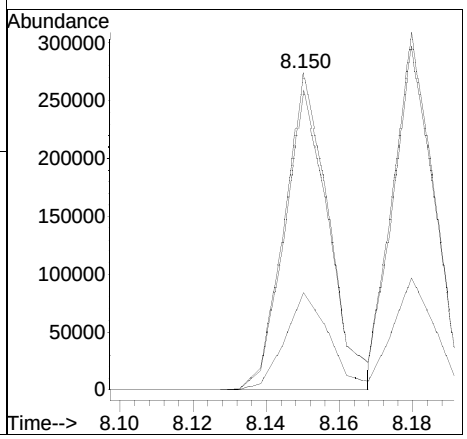


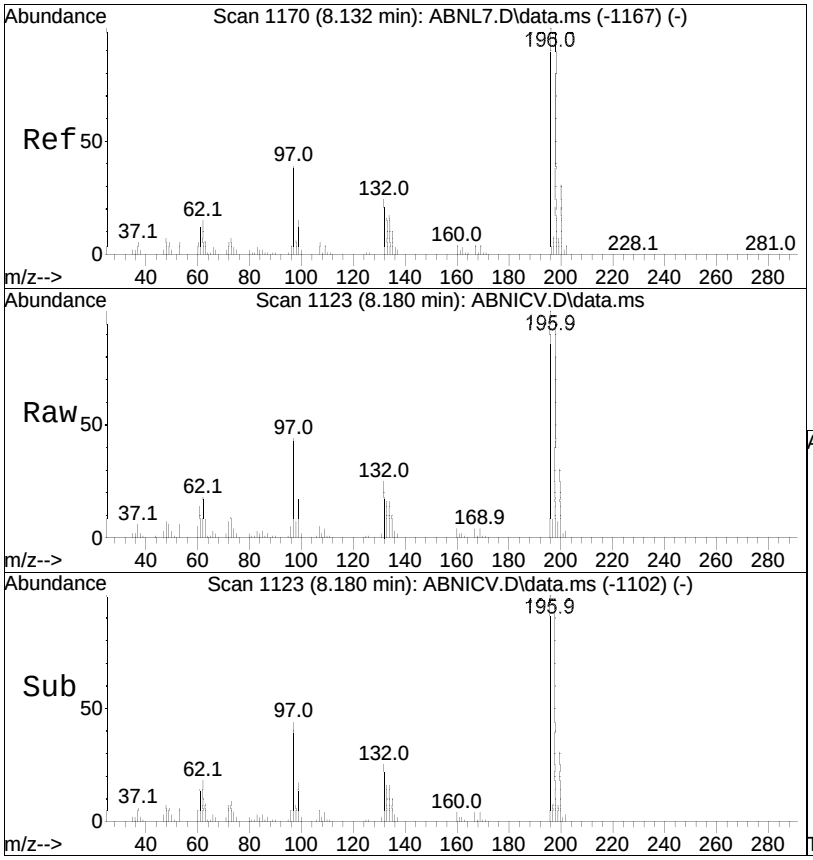


#44
2,4,6-Trichlorophenol
Concen: 50.28 ug/ml
RT: 8.150 min Scan# 1118
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:196 Resp: 233188

Ion	Ratio	Lower	Upper
196	100		
198	94.6	77.0	115.6
200	30.7	25.0	37.6

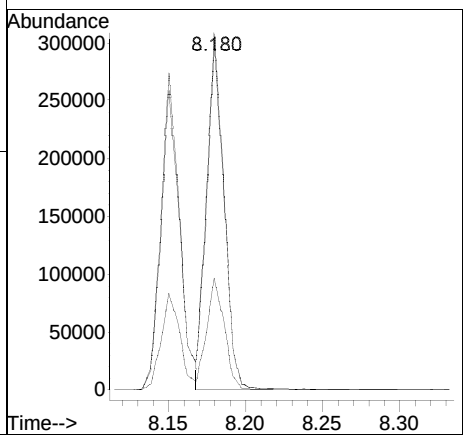


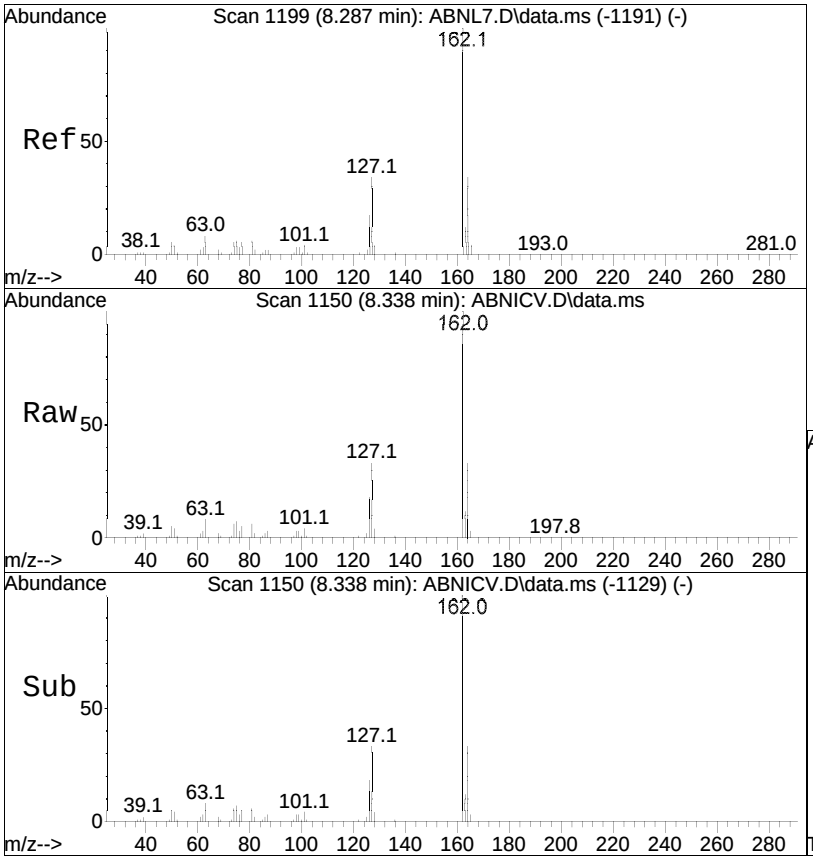


#45
2,4,5-Trichlorophenol
Concen: 47.63 ug/ml
RT: 8.180 min Scan# 1123
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:196 Resp: 242669

Ion	Ratio	Lower	Upper
196	100		
200	31.3	24.9	37.3
198	95.9	78.5	117.7

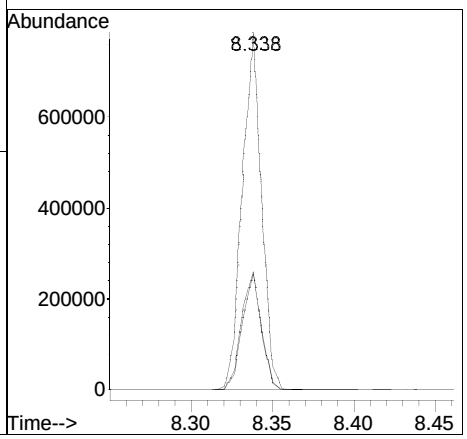


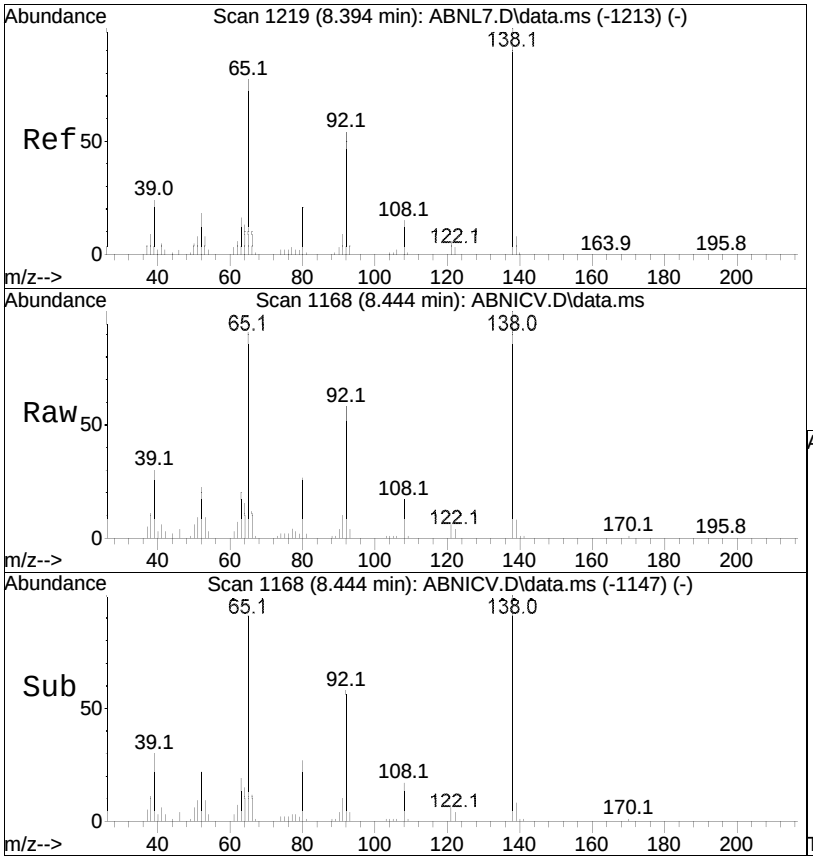


#47
2-Chloronaphthalene
Concen: 48.00 ug/ml
RT: 8.338 min Scan# 1150
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:162 Resp: 639877

Ion	Ratio	Lower	Upper
162	100		
127	34.1	28.0	42.0
164	32.8	26.6	39.8

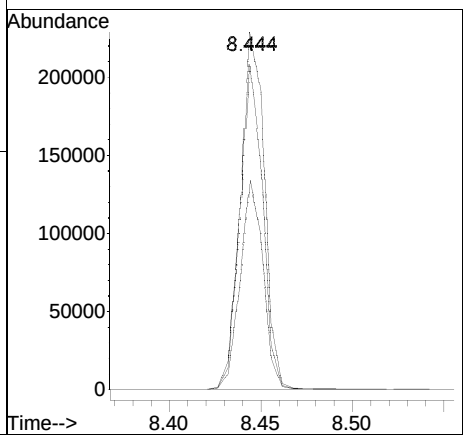


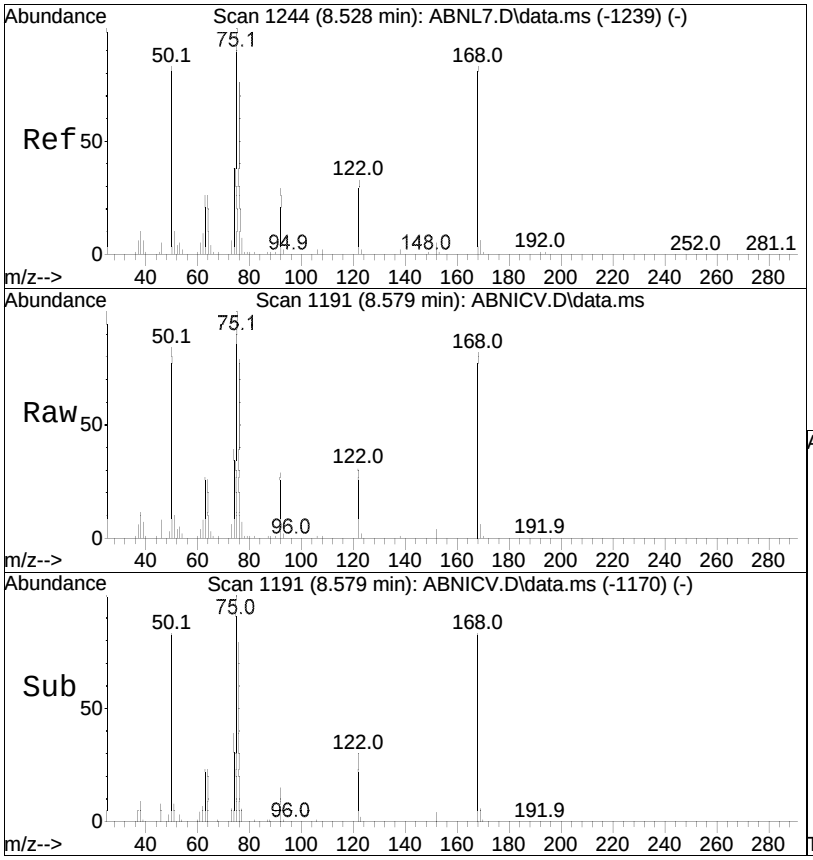


#48
2-Nitroaniline
Concen: 51.83 ug/ml
RT: 8.444 min Scan# 1168
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:138 Resp: 204464

Ion	Ratio	Lower	Upper
138	100		
92	56.5	41.7	62.5
65	87.5	61.5	92.3

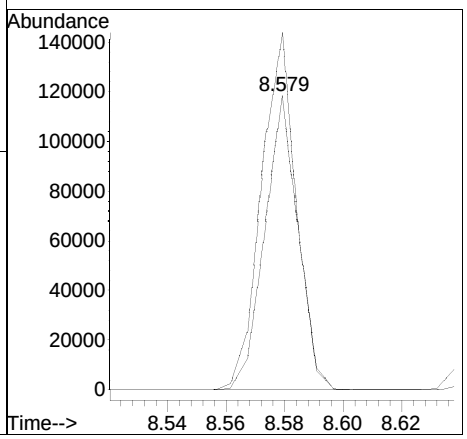


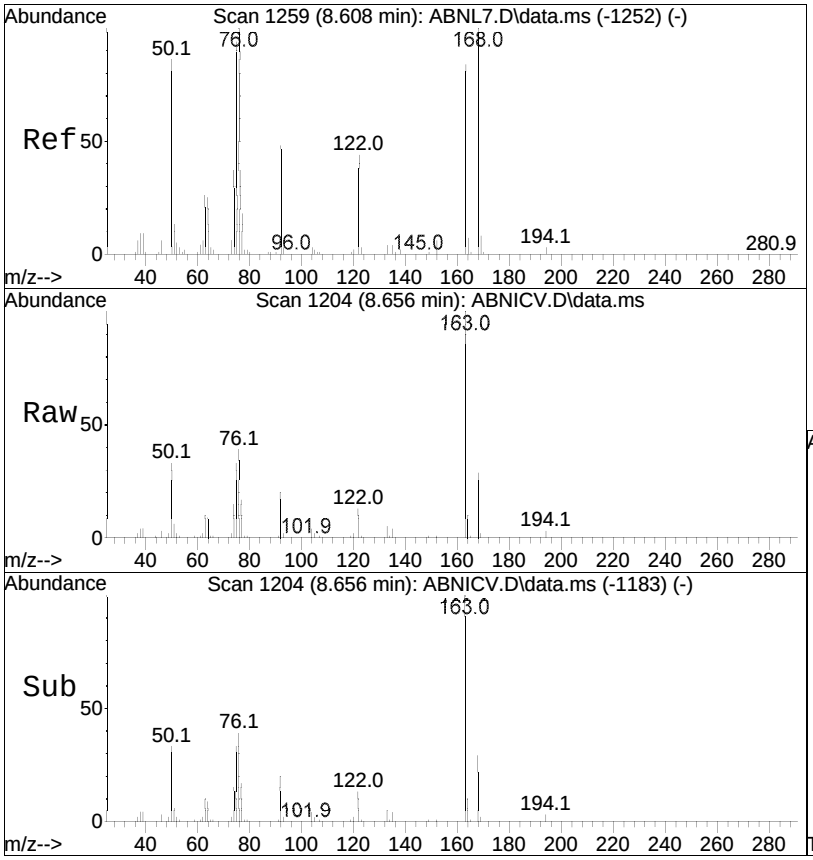


#49
1,4-Dinitrobenzene
Concen: 48.72 ug/ml
RT: 8.579 min Scan# 1191
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:168 Resp: 93957

Ion	Ratio	Lower	Upper
168	100		
75	126.4	102.0	153.0

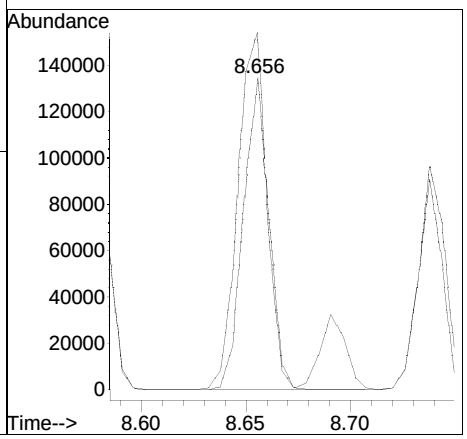


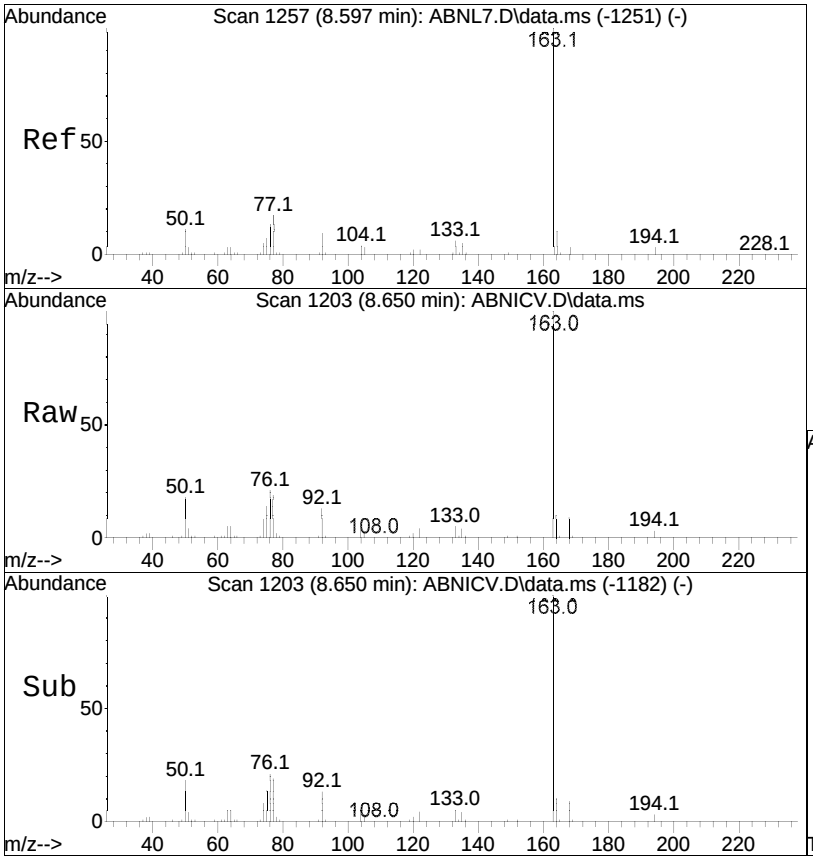


#50
1,3-Dinitrobenzene
Concen: 48.44 ug/ml
RT: 8.656 min Scan# 1204
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:168 Resp: 114970

Ion	Ratio	Lower	Upper
168	100		
75	128.4	107.1	160.7

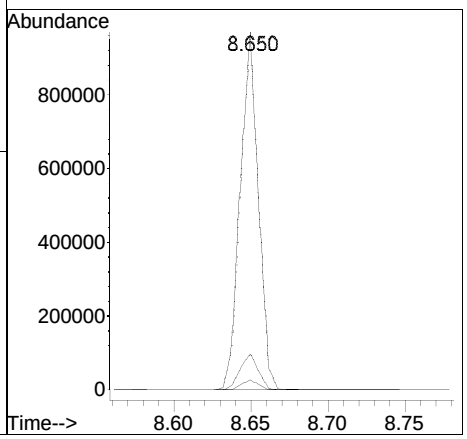


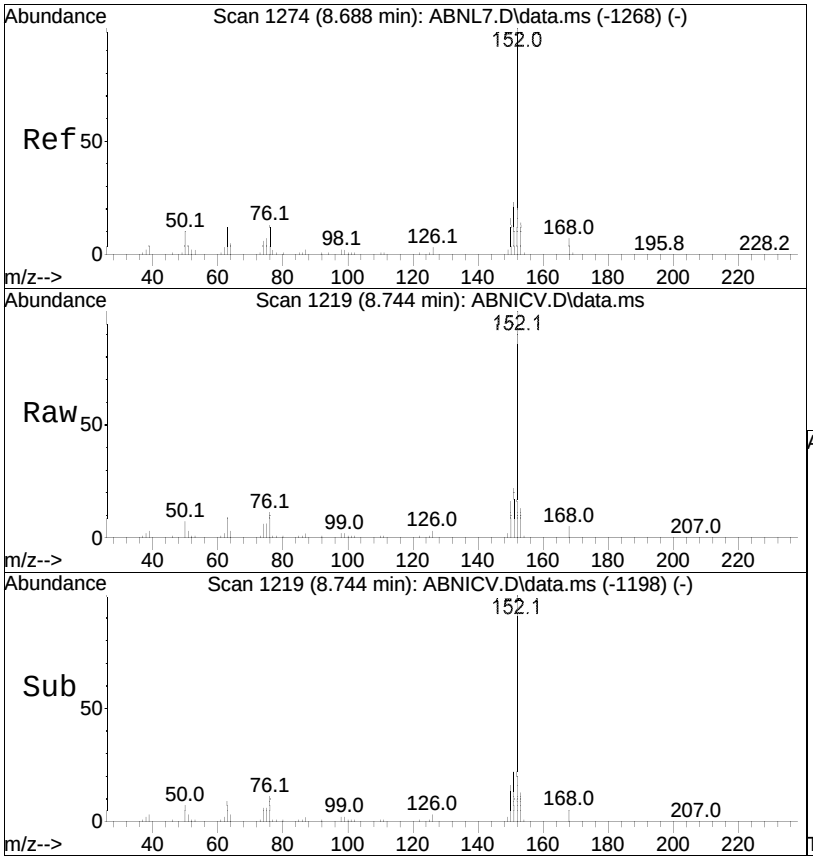


#51
Dimethyl phthalate
Concen: 48.35 ug/ml
RT: 8.650 min Scan# 1203
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:163 Resp: 781676

Ion	Ratio	Lower	Upper
163	100		
194	2.8	3.4	5.2#
164	10.3	8.4	12.6

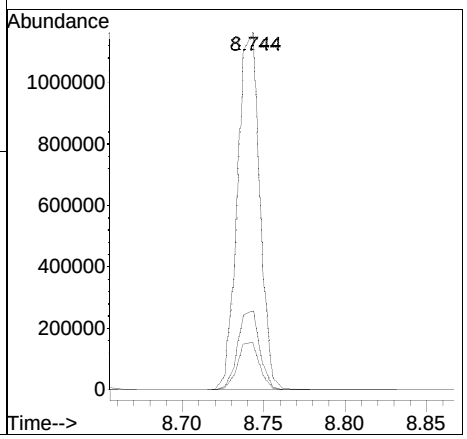


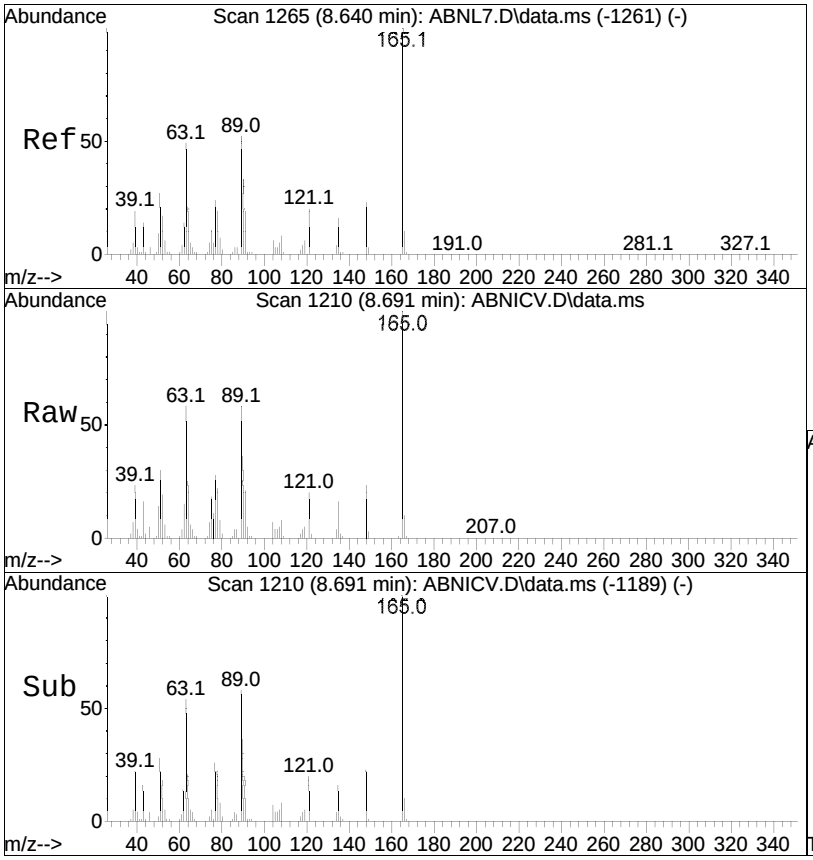


#52
Acenaphthylene
Concen: 48.85 ug/ml
RT: 8.744 min Scan# 1219
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:152 Resp: 1097401

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.7	25.1
153	13.2	11.1	16.7

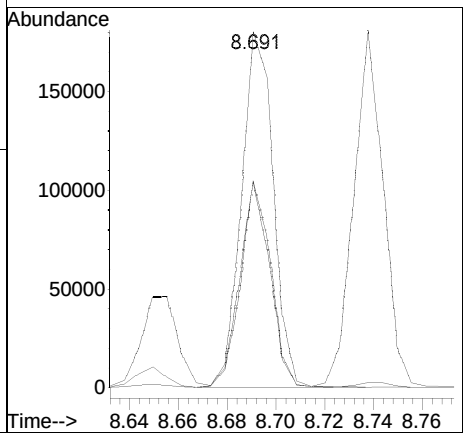


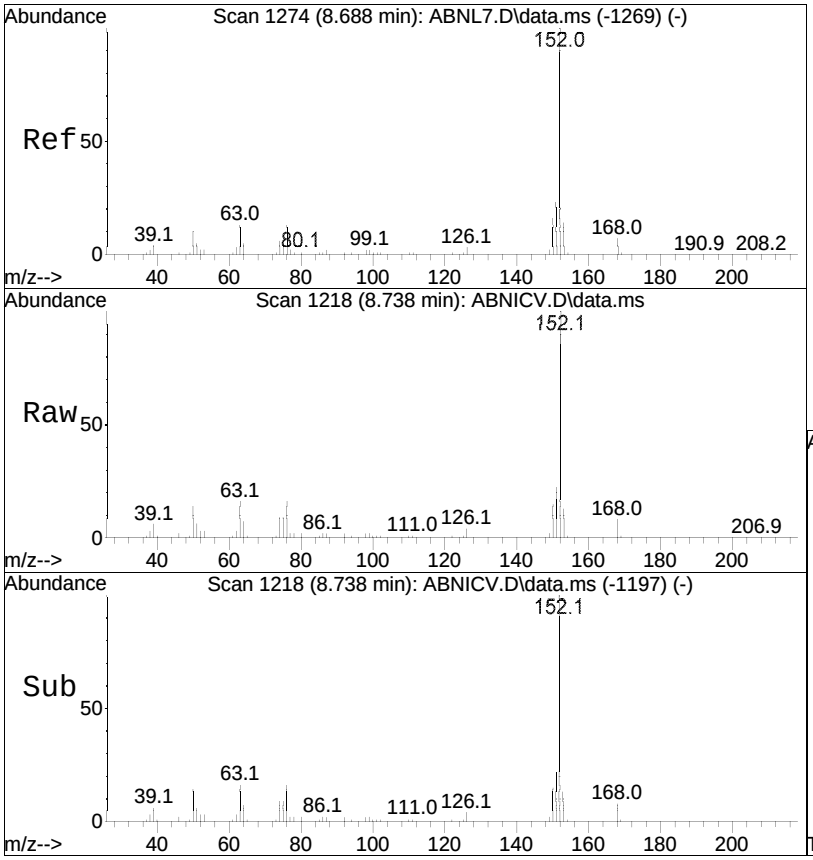


#53
2,6-Dinitrotoluene
Concen: 51.46 ug/ml
RT: 8.691 min Scan# 1210
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:165 Resp: 163482

Ion	Ratio	Lower	Upper
165	100		
89	55.0	43.1	64.7
63	54.5	42.7	64.1

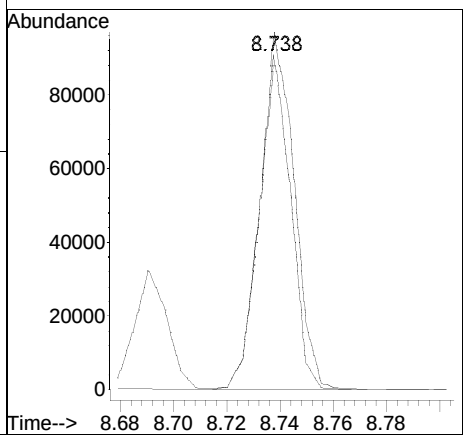


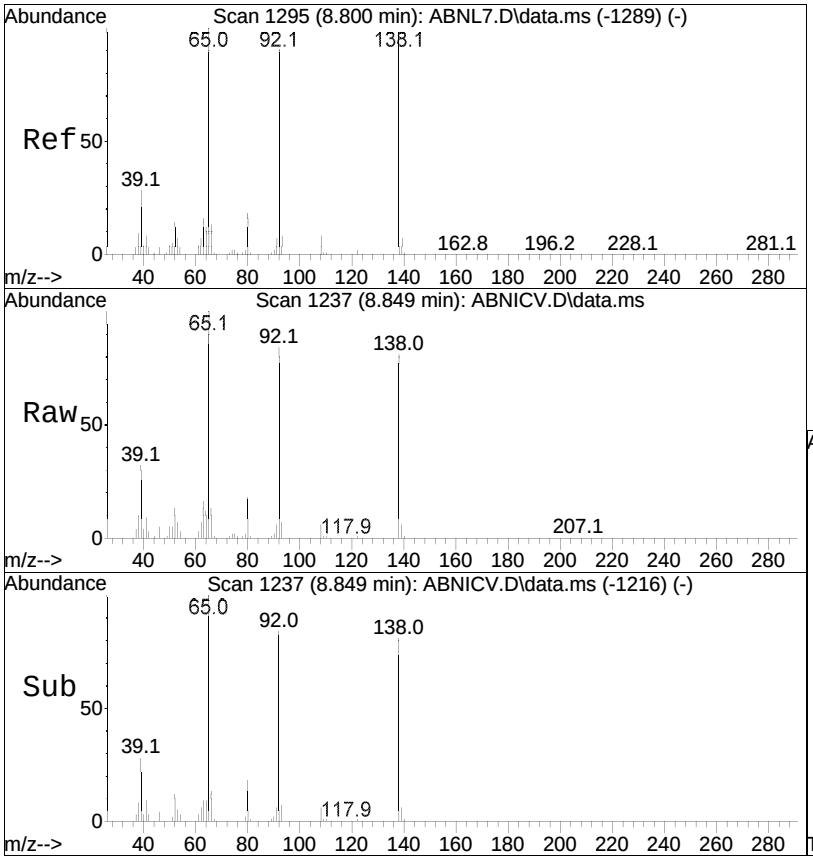


#54
1,2-Dinitrobenzene
Concen: 49.39 ug/ml
RT: 8.738 min Scan# 1218
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:168 Resp: 73531

Ion	Ratio	Lower	Upper
168	100		
75	116.3	92.2	138.2

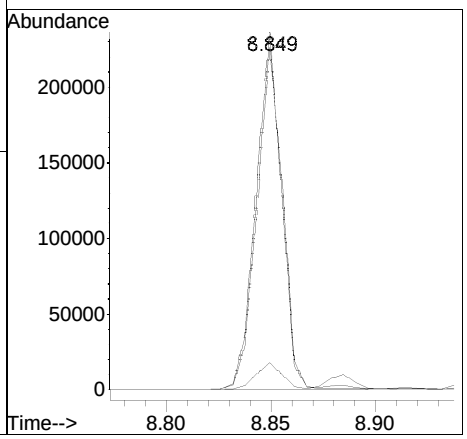


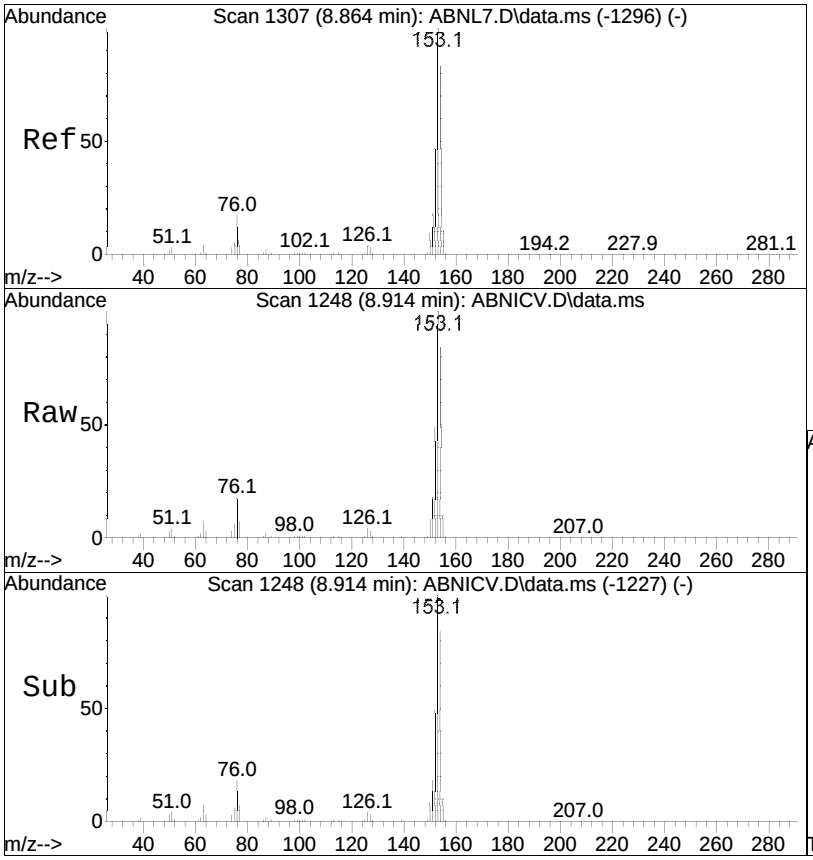


#64
3-Nitroaniline
Concen: 51.28 ug/ml
RT: 8.849 min Scan# 1237
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:138 Resp: 190358

Ion	Ratio	Lower	Upper
138	100		
92	103.2	77.5	116.3
108	8.1	7.0	10.4

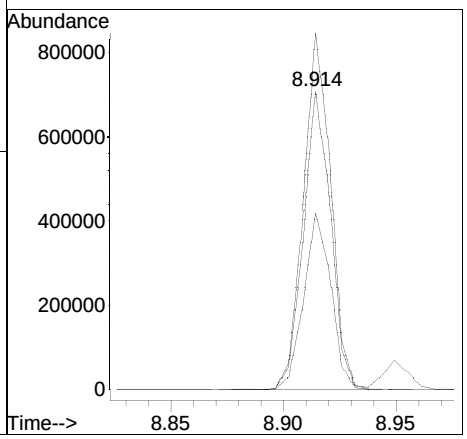


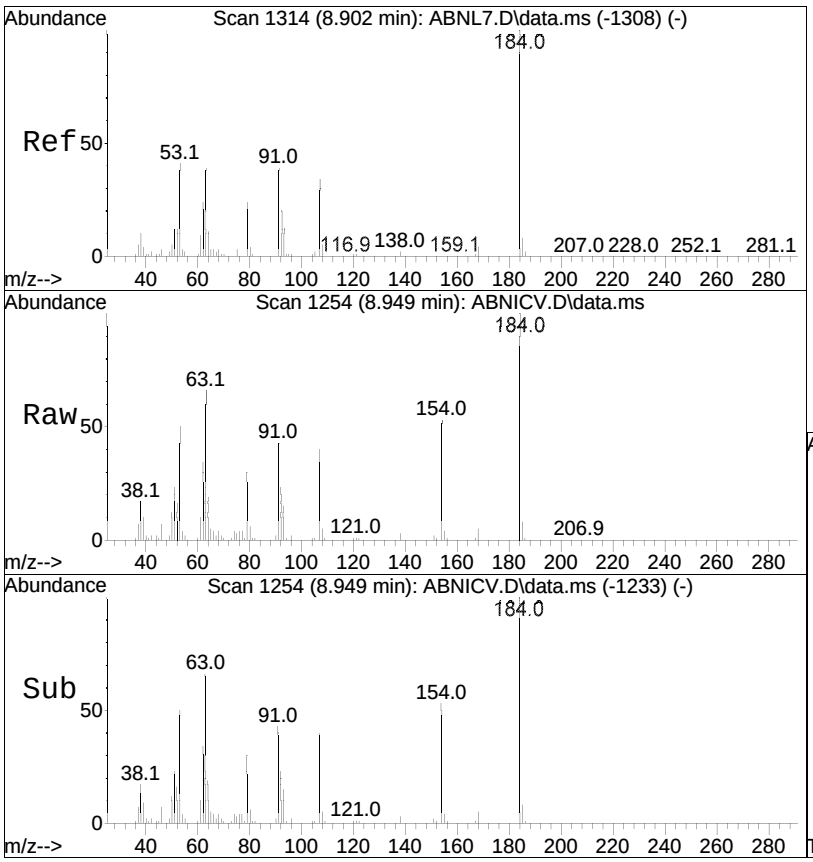


#65
Acenaphthene
Concen: 46.49 ug/ml
RT: 8.914 min Scan# 1248
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:154 Resp: 597358

Ion	Ratio	Lower	Upper
154	100		
153	119.2	89.4	134.0
152	59.4	42.2	63.2

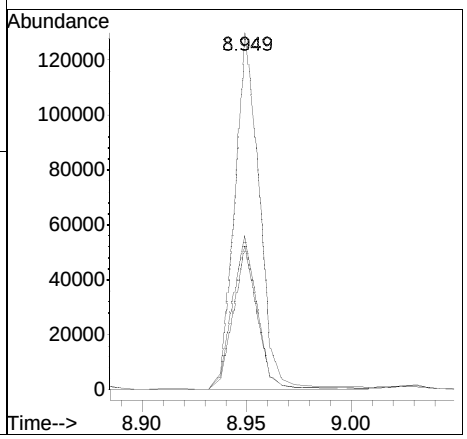


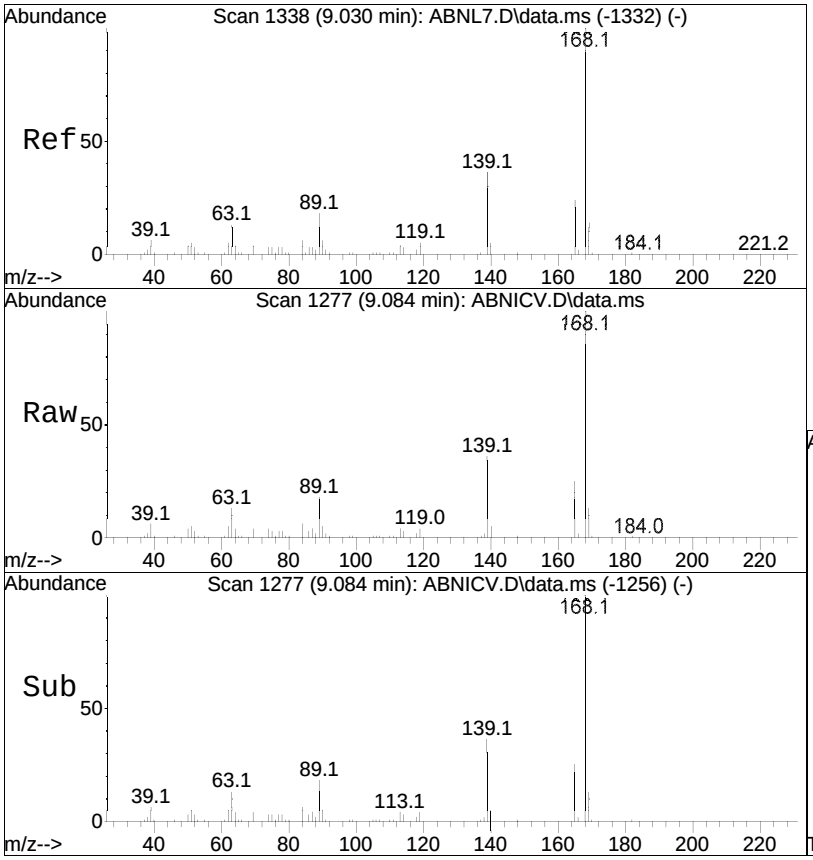


#66
2,4-Dinitrophenol
Concen: 41.60 ug/ml
RT: 8.949 min Scan# 1254
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:184 Resp: 106404

Ion	Ratio	Lower	Upper
184	100		
107	39.5	31.4	47.2
91	44.0	37.2	55.8

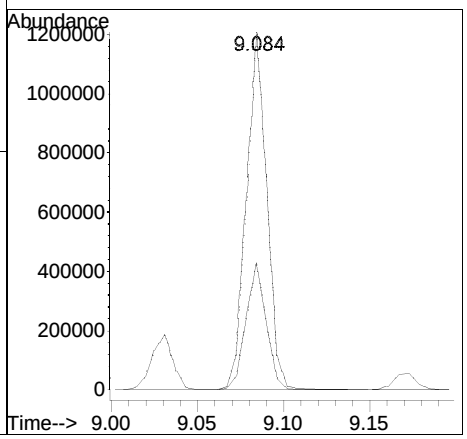


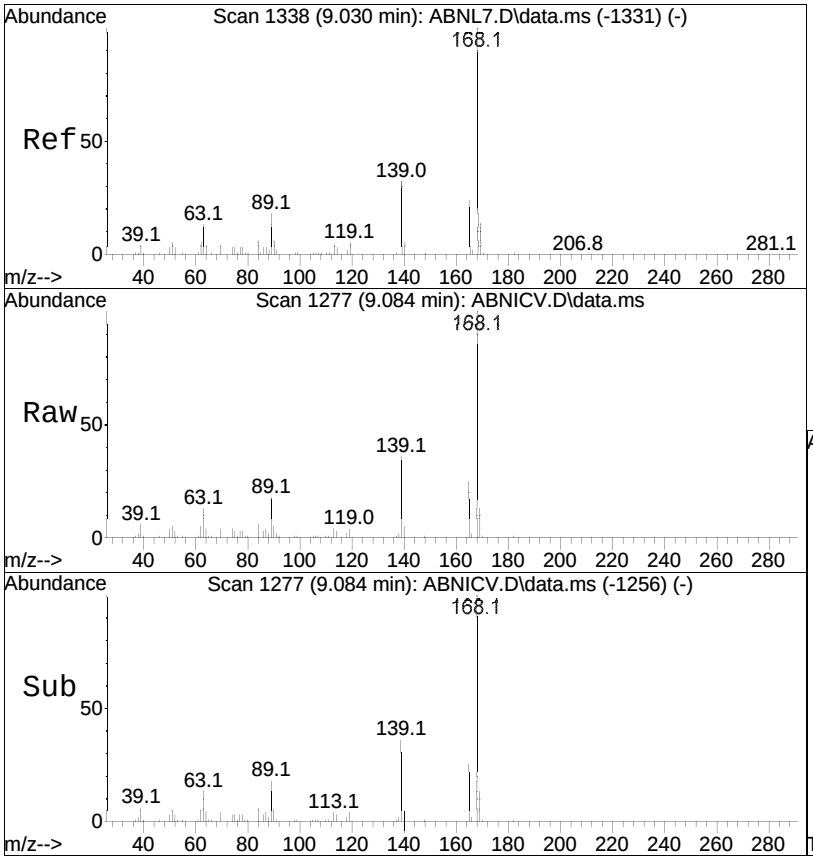


#67
Dibenzofuran
Concen: 46.84 ug/ml
RT: 9.084 min Scan# 1277
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:168 Resp: 983330

Ion	Ratio	Lower	Upper
168	100		
139	35.3	28.0	42.0

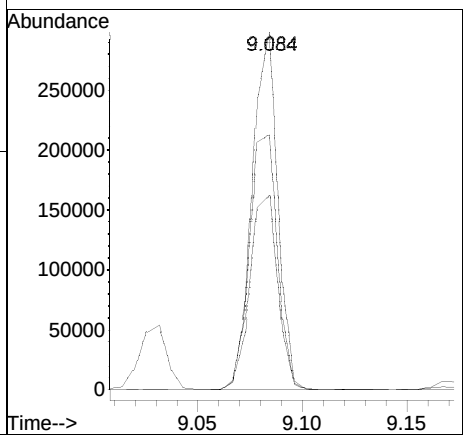


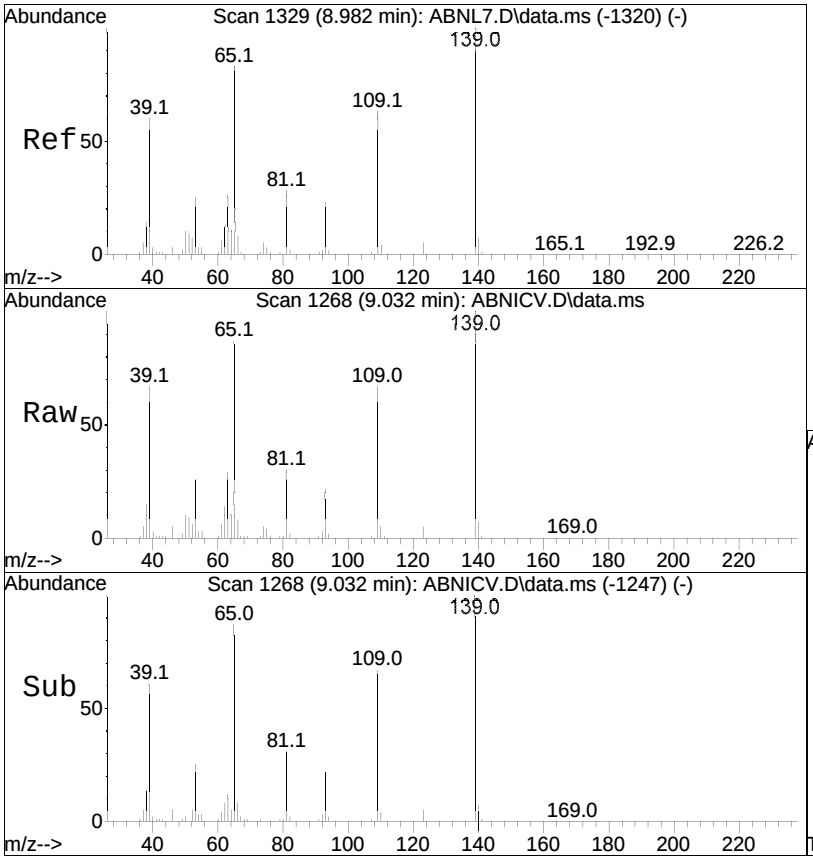


#68
2,4-Dinitrotoluene
Concen: 41.81 ug/ml
RT: 9.084 min Scan# 1277
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:165 Resp: 252420

Ion	Ratio	Lower	Upper
165	100		
89	78.1	63.0	94.6
63	59.3	50.3	75.5

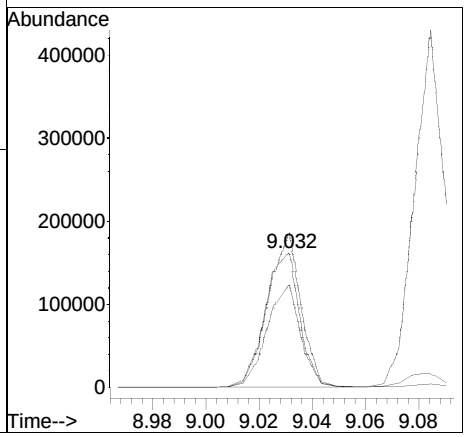


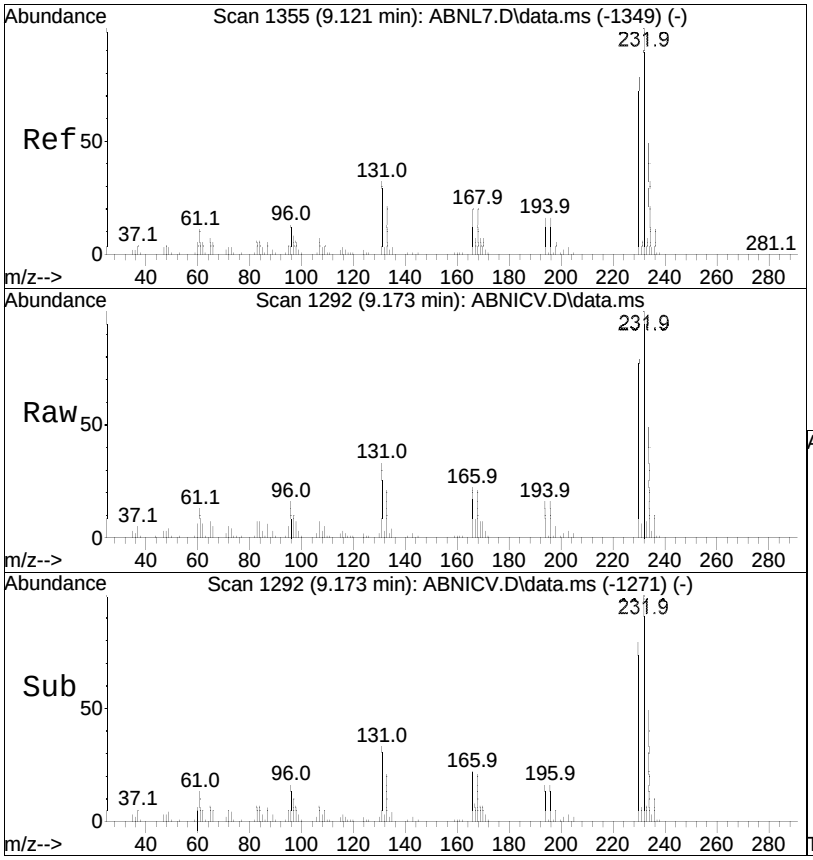


#69
4-Nitrophenol
Concen: 50.70 ug/ml
RT: 9.032 min Scan# 1268
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion: 65 Resp: 147287

Ion	Ratio	Lower	Upper
65	100		
109	74.0	55.3	82.9
139	108.8	95.1	142.7

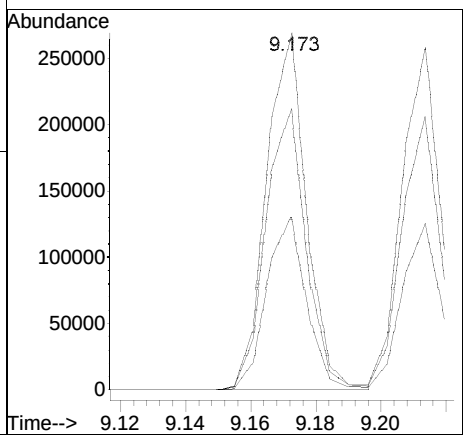


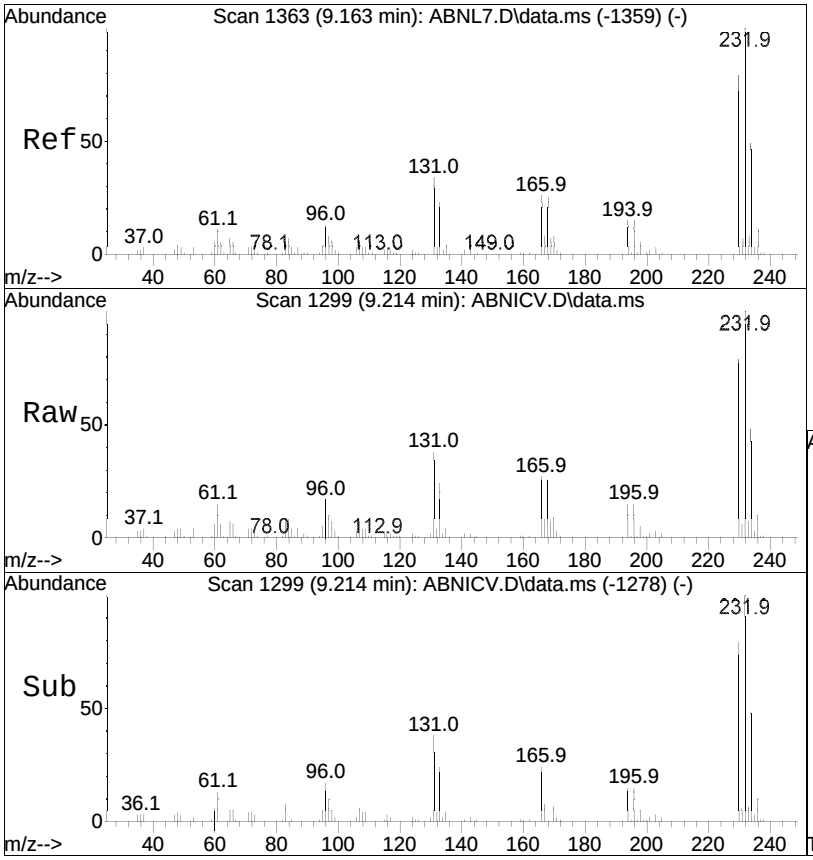


#70
2,3,5,6-Tetrachlorophenol
Concen: 48.98 ug/ml
RT: 9.173 min Scan# 1292
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:232 Resp: 230333

Ion	Ratio	Lower	Upper
232	100		
230	79.5	64.4	96.6
234	48.2	38.9	58.3

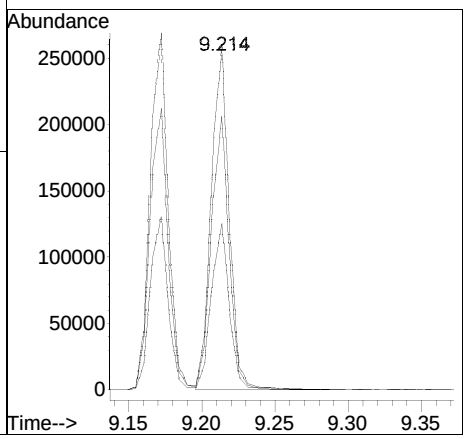


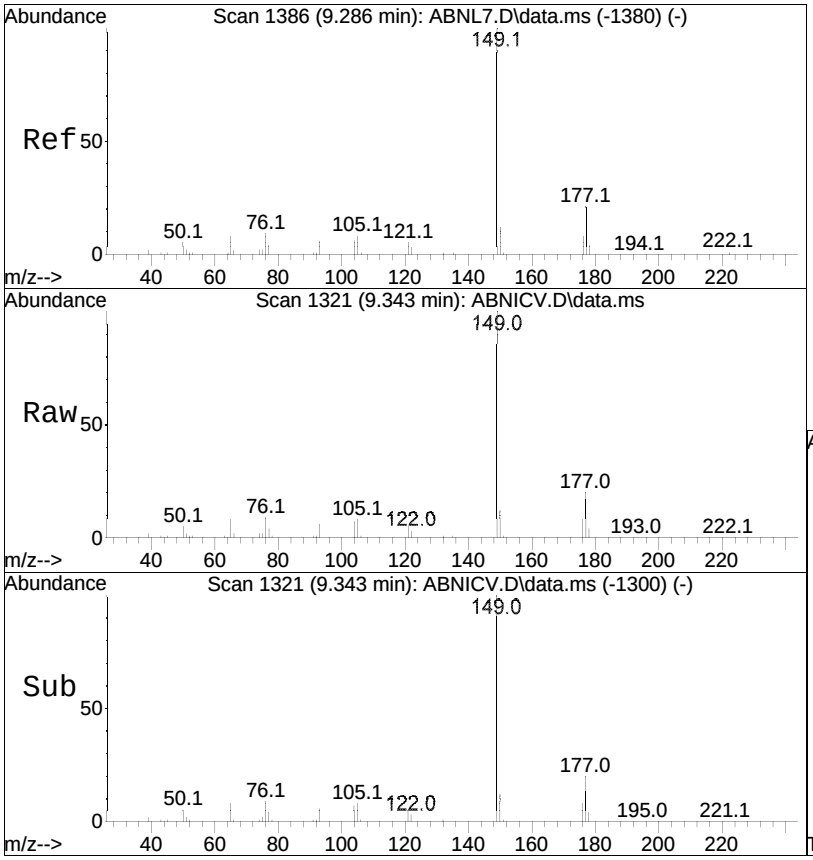


#71
2,3,4,6-Tetrachlorophenol
Concen: 47.26 ug/ml
RT: 9.214 min Scan# 1299
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:232 Resp: 219769

Ion	Ratio	Lower	Upper
232	100		
230	79.3	64.2	96.4
234	49.0	38.4	57.6

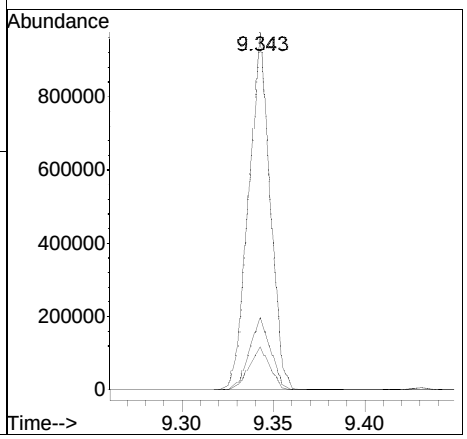


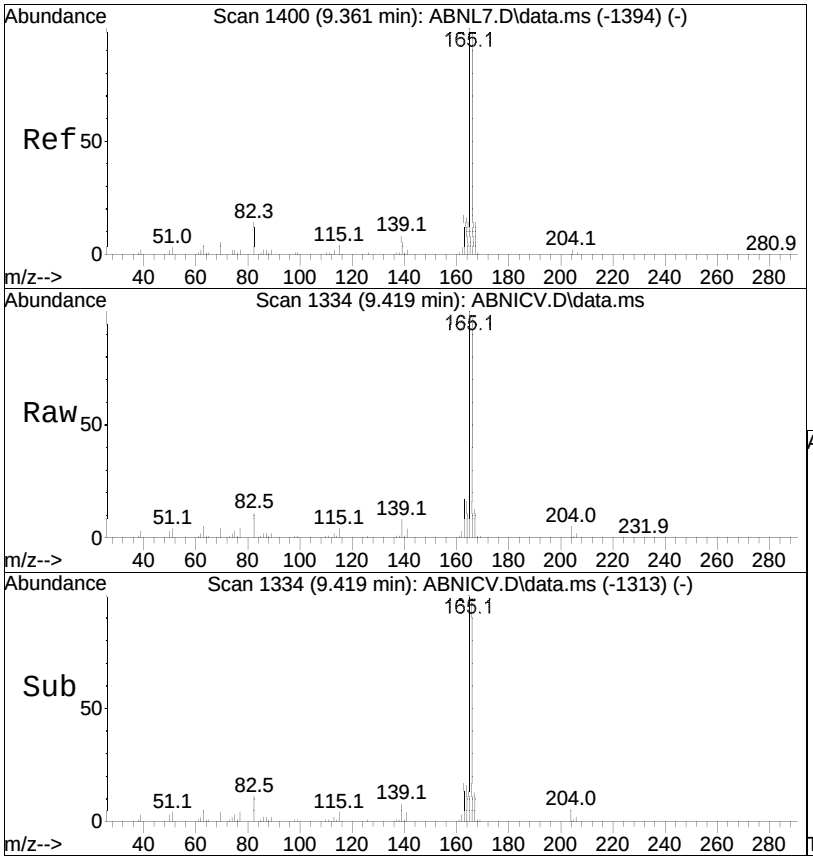


#72
Diethyl phthalate
Concen: 48.49 ug/ml
RT: 9.343 min Scan# 1321
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:149 Resp: 787019

Ion	Ratio	Lower	Upper
149	100		
177	20.3	16.2	24.2
150	11.9	9.4	14.0

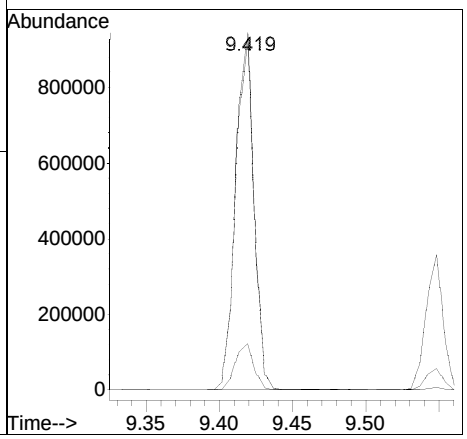


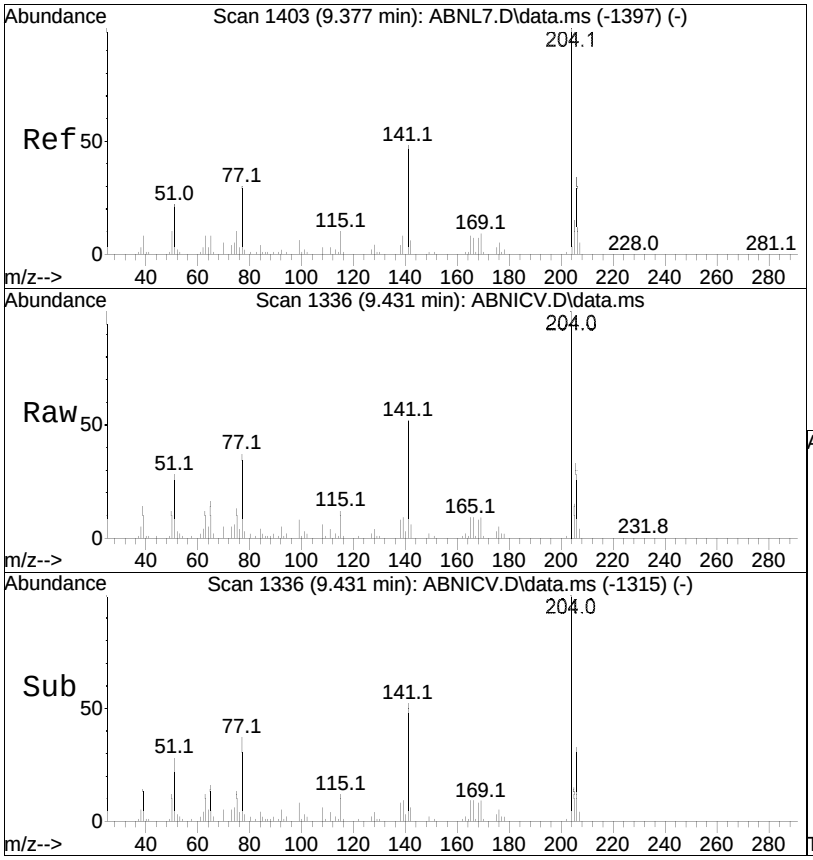


#73
Fluorene
Concen: 47.60 ug/ml
RT: 9.419 min Scan# 1334
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:166 Resp: 811659

Ion	Ratio	Lower	Upper
166	100		
165	102.4	77.2	115.8
167	13.5	10.9	16.3

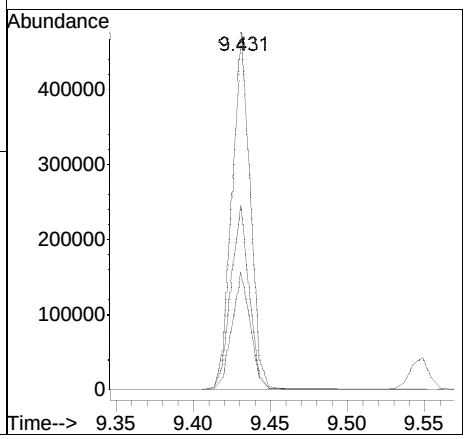


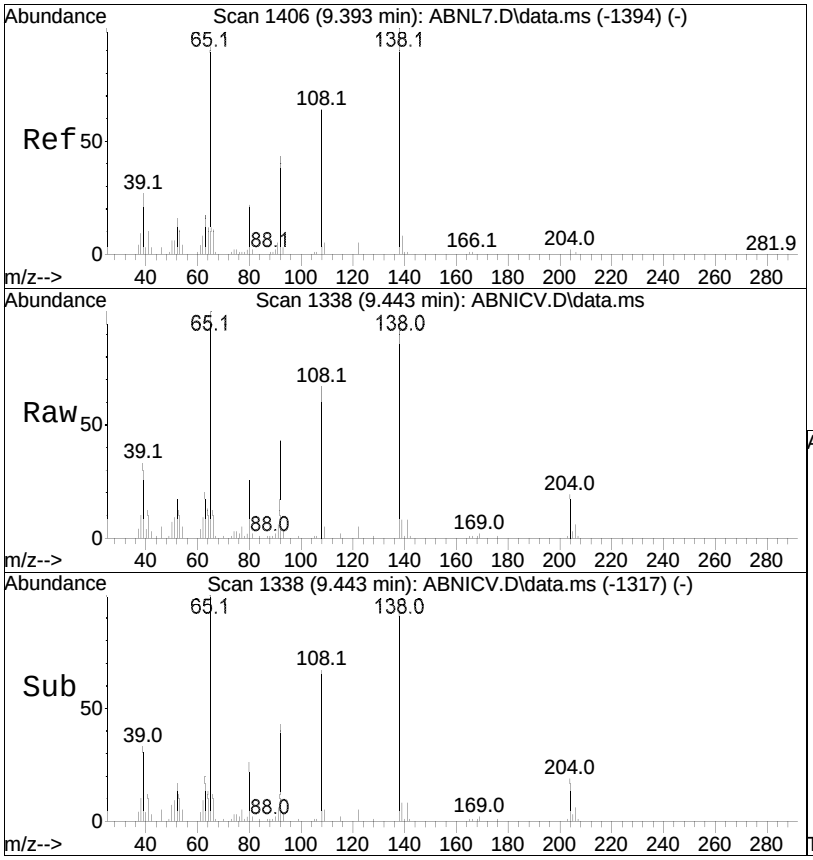


#74
4-Chlorophenyl phenyl ether
Concen: 47.30 ug/ml
RT: 9.431 min Scan# 1336
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:204 Resp: 388534

Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.0	40.6
141	52.2	42.2	63.2

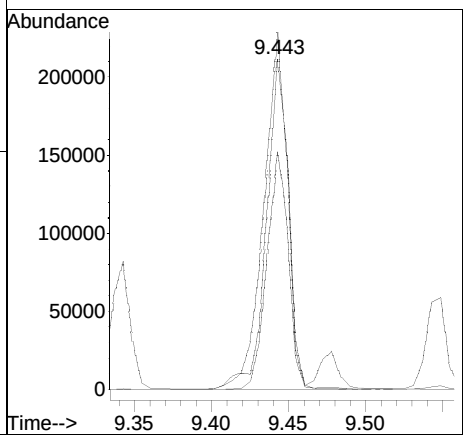


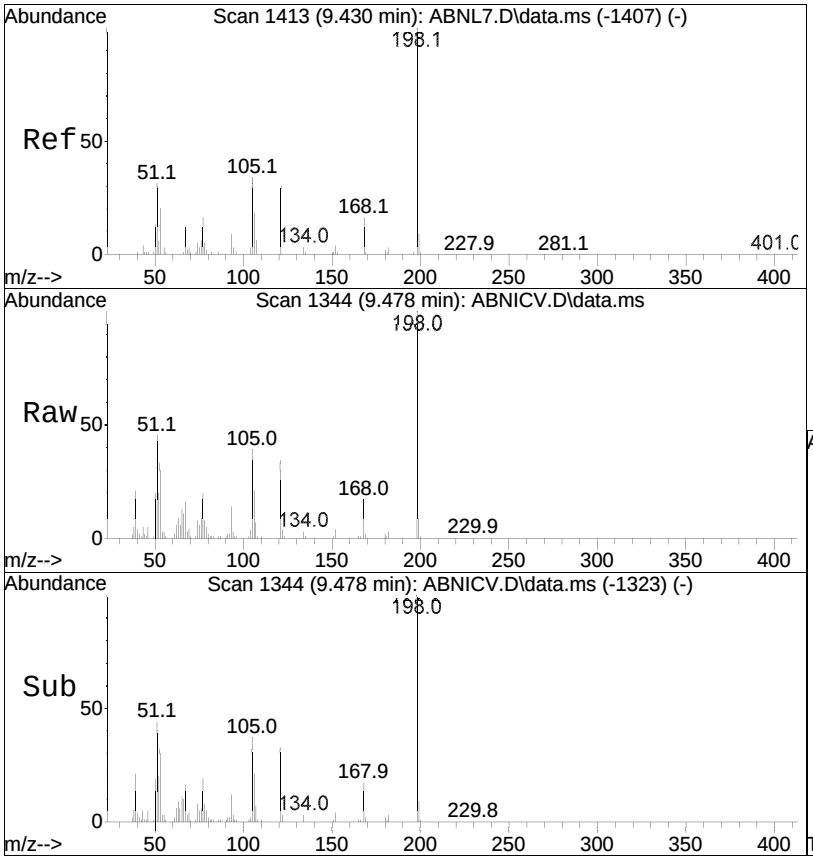


#75
4-Nitroaniline
Concen: 53.49 ug/ml
RT: 9.443 min Scan# 1338
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:138 Resp: 211307

Ion	Ratio	Lower	Upper
138	100		
108	68.7	46.7	70.1
65	113.8	81.2	121.8

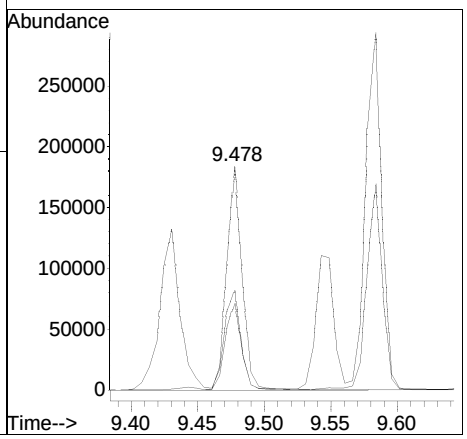


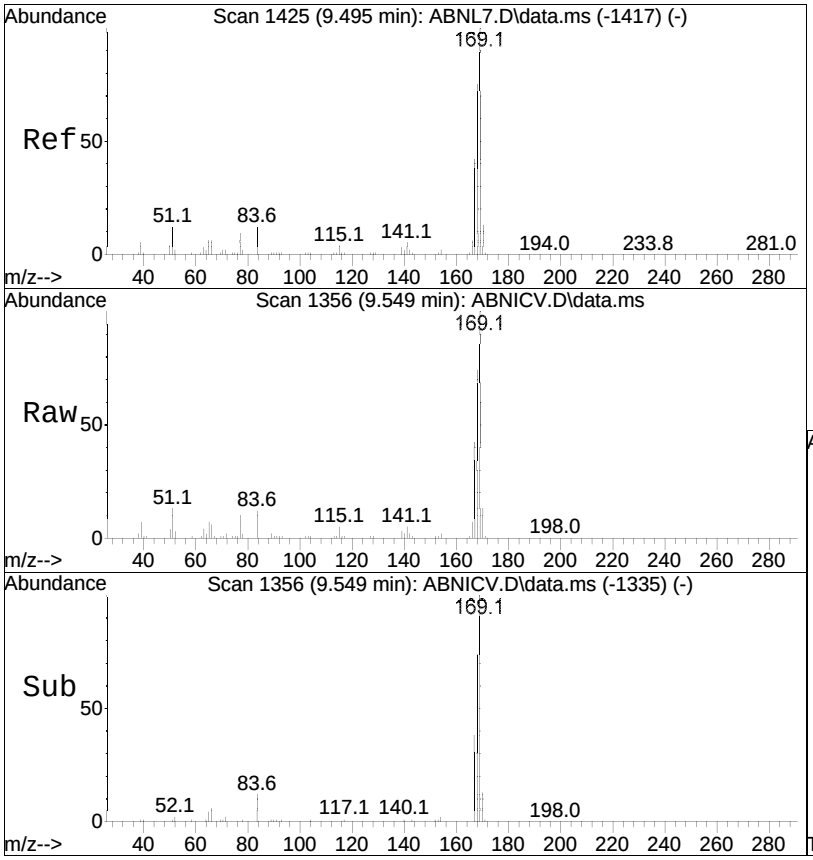


#76
4,6-Dinitro-o-cresol
Concen: 47.53 ug/ml
RT: 9.478 min Scan# 1344
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:198 Resp: 149730

Ion	Ratio	Lower	Upper
198	100		
51	45.7	35.0	52.6
105	39.6	32.3	48.5

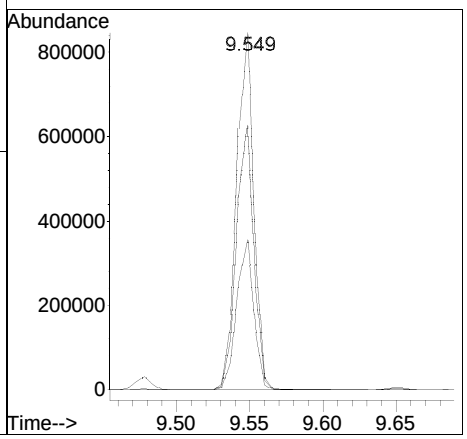


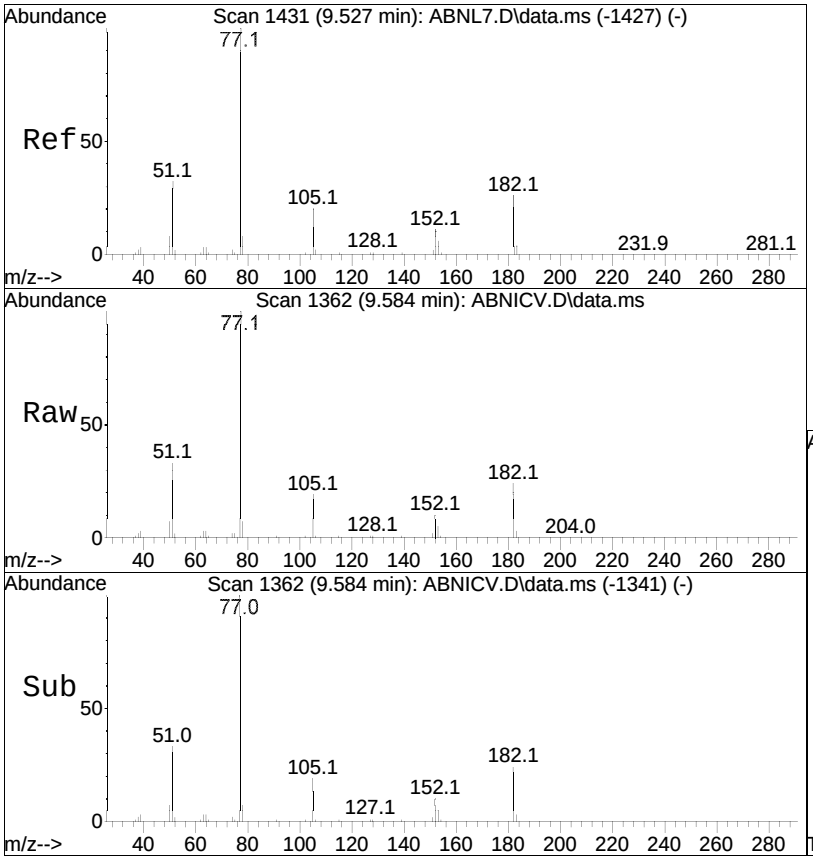


#77
NDPA/DPA
Concen: 49.07 ug/ml
RT: 9.549 min Scan# 1356
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:169 Resp: 696757

Ion	Ratio	Lower	Upper
169	100		
168	75.2	54.6	82.0
167	42.1	30.7	46.1

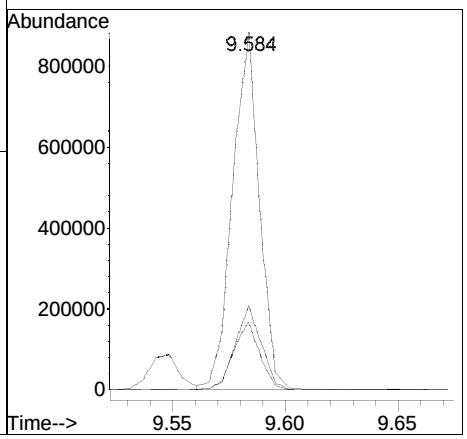


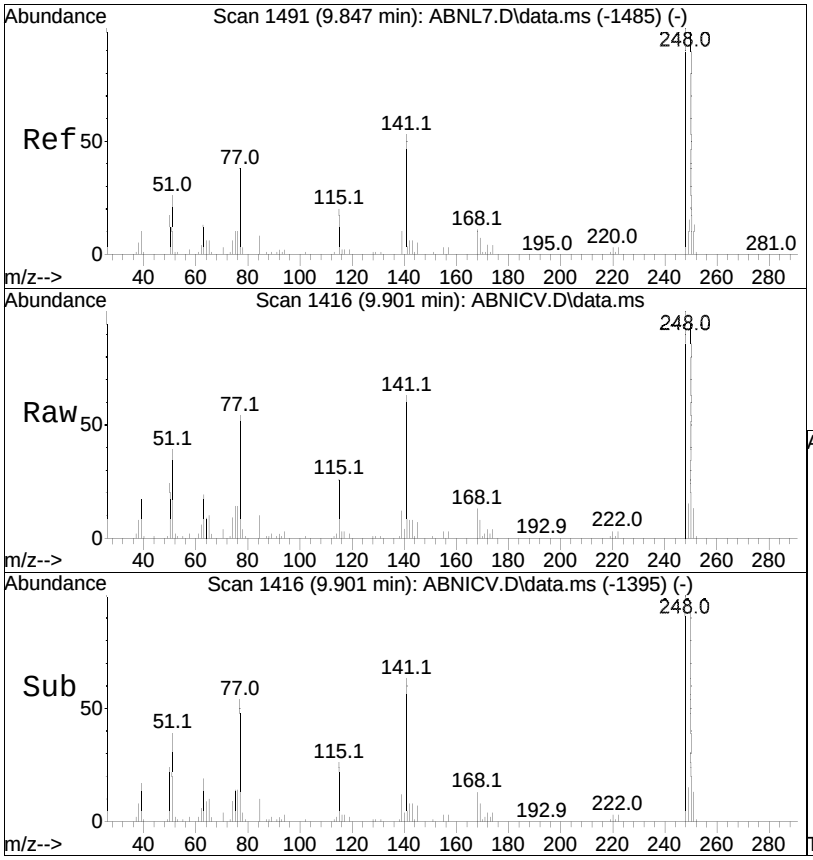


#78
Azobenzene
Concen: 49.40 ug/ml
RT: 9.584 min Scan# 1362
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion: 77 Resp: 722577

Ion	Ratio	Lower	Upper
77	100		
182	23.4	19.8	29.8
105	19.0	12.1	18.1#

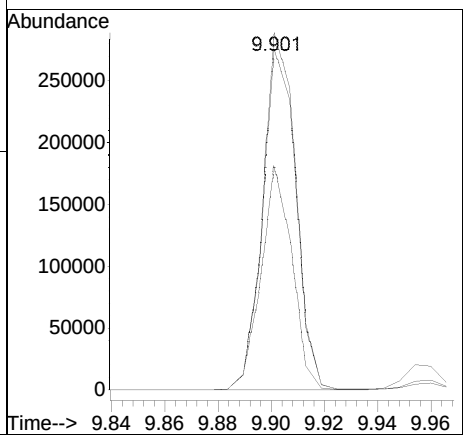


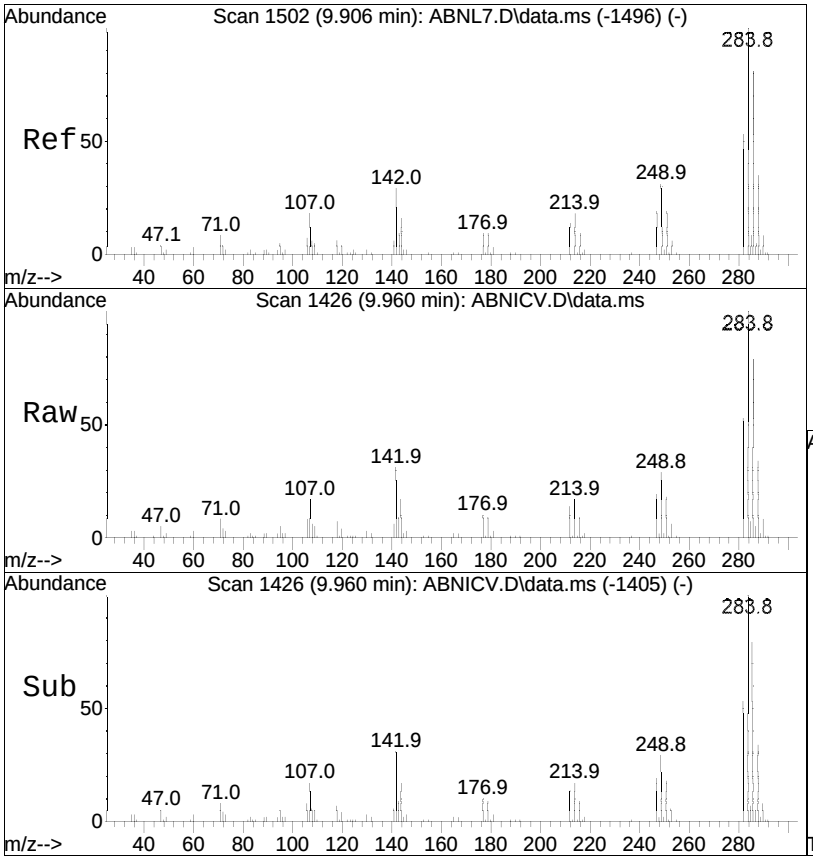


#80
4-Bromophenyl phenyl ether
Concen: 47.17 ug/ml
RT: 9.901 min Scan# 1416
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:248 Resp: 248462

Ion	Ratio	Lower	Upper
248	100		
141	59.1	46.6	70.0
250	95.8	79.4	119.2

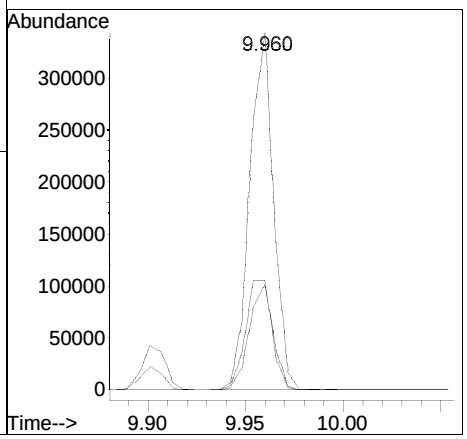


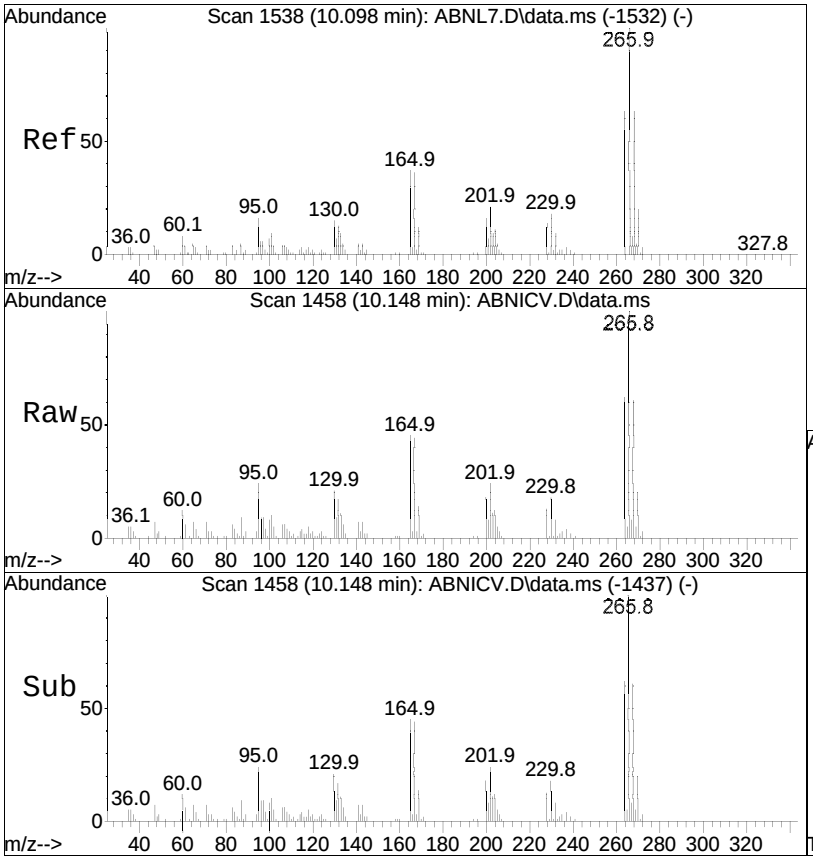


#81
Hexachlorobenzene
Concen: 47.02 ug/ml
RT: 9.960 min Scan# 1426
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:284 Resp: 293364

Ion	Ratio	Lower	Upper
284	100		
142	34.0	26.0	39.0
249	29.7	20.6	30.8

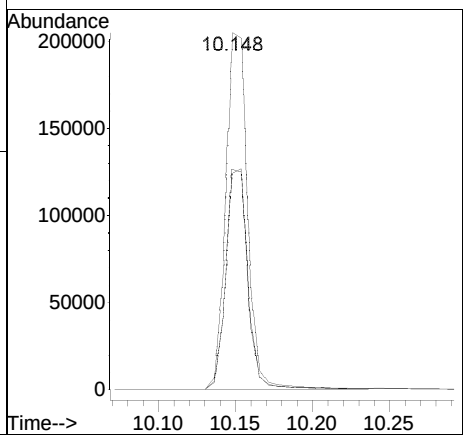


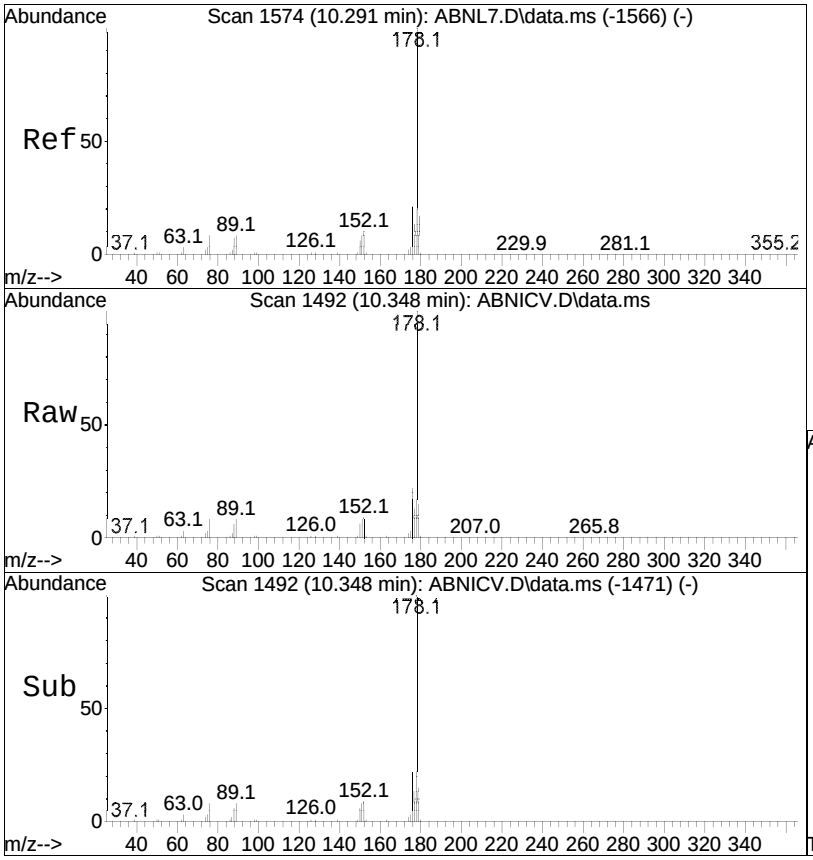


#82
Pentachlorophenol
Concen: 42.57 ug/ml
RT: 10.148 min Scan# 1458
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:266 Resp: 200374

Ion	Ratio	Lower	Upper
266	100		
264	62.2	51.2	76.8
268	62.5	51.5	77.3

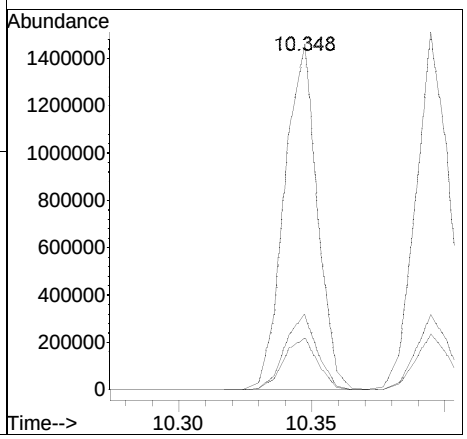


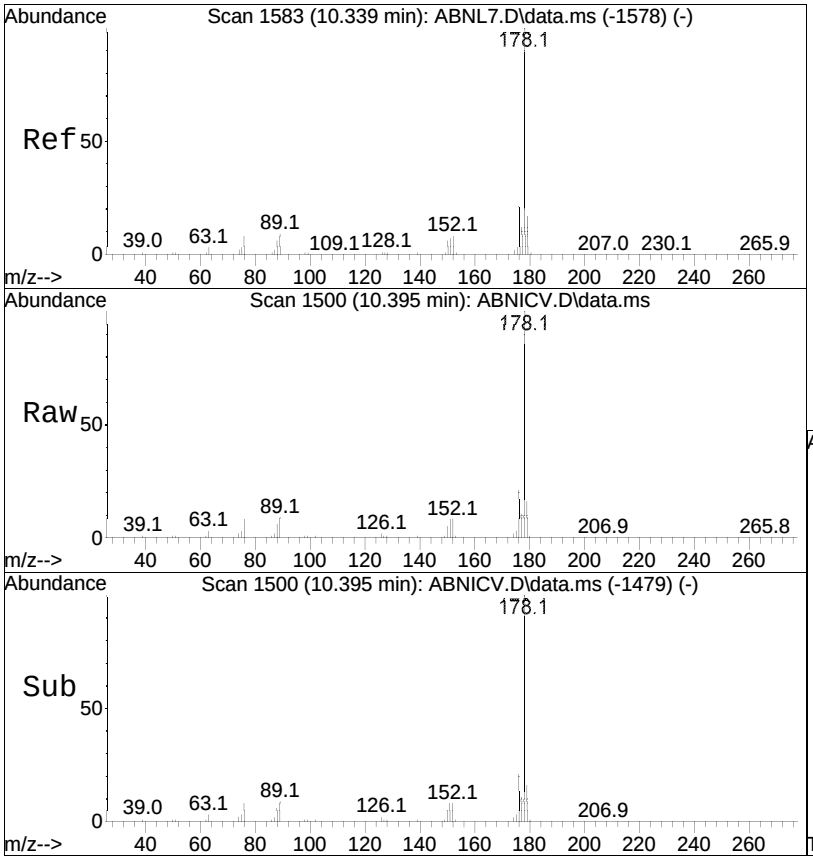


#89
Phenanthrene
Concen: 47.88 ug/ml
RT: 10.348 min Scan# 1492
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:178 Resp: 1259383

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.7	19.1
176	21.2	15.8	23.6

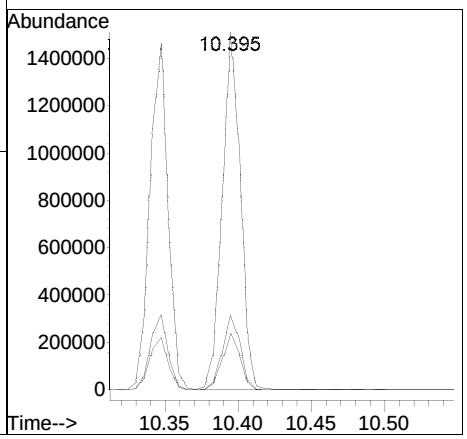


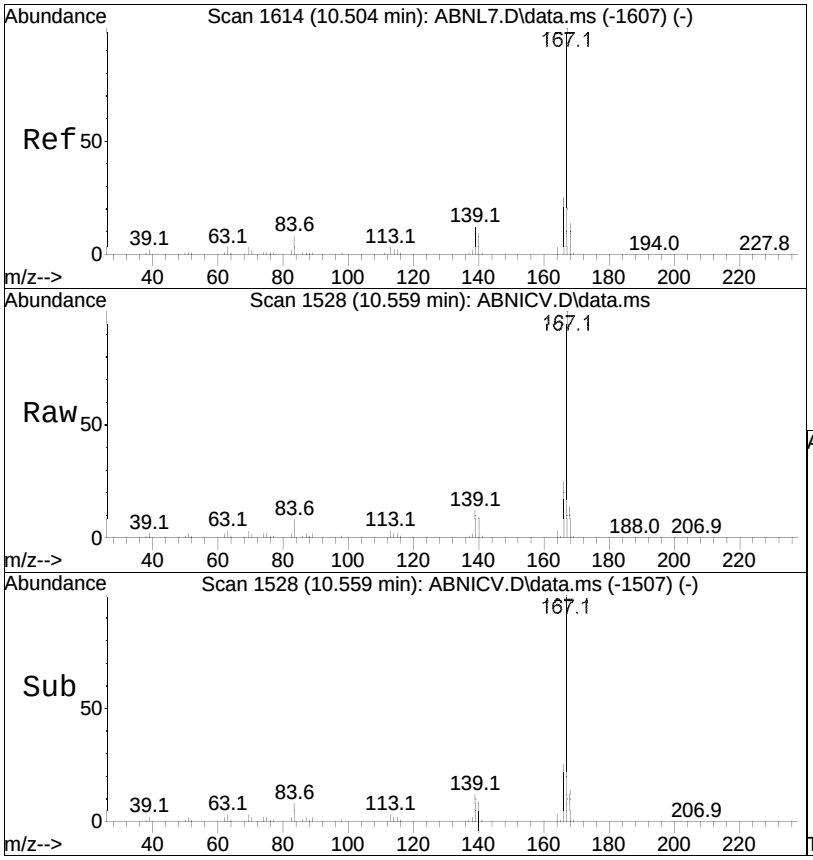


#90
Anthracene
Concen: 49.58 ug/ml
RT: 10.395 min Scan# 1500
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:178 Resp: 1303103

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	20.6	15.4	23.0

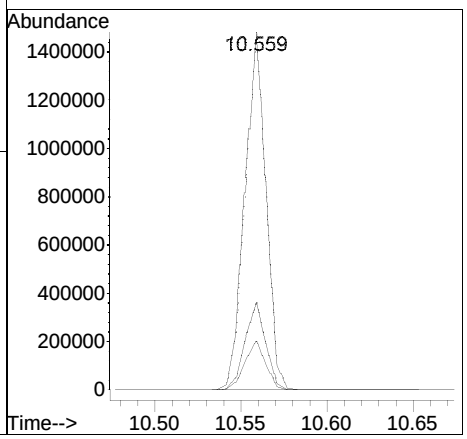


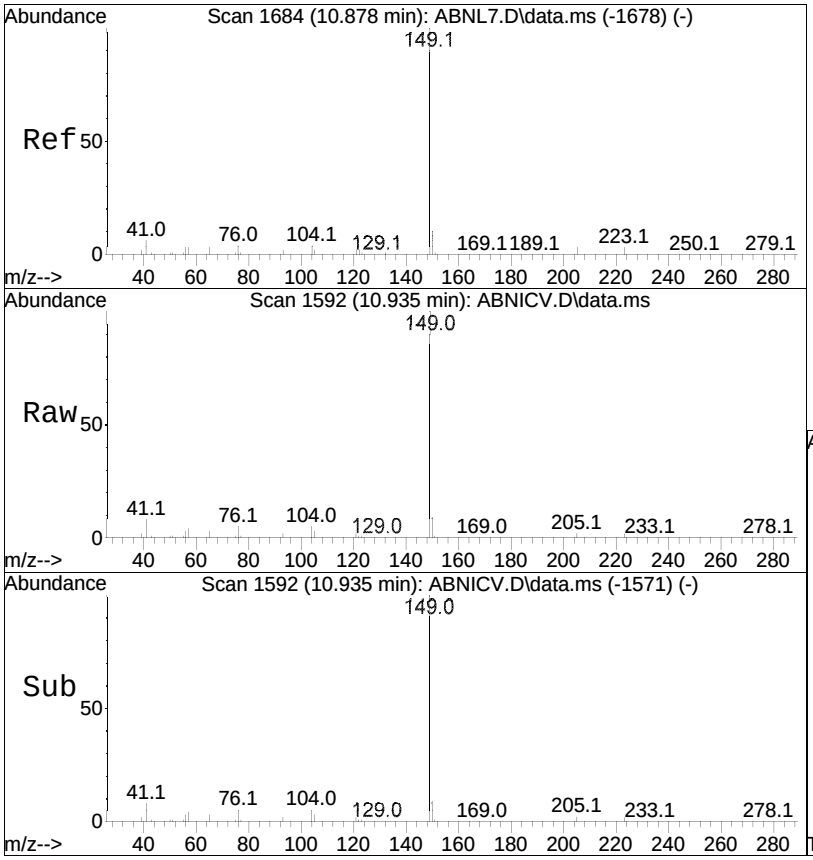


#91
Carbazole
Concen: 50.09 ug/ml
RT: 10.559 min Scan# 1528
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:167 Resp: 1244888

Ion	Ratio	Lower	Upper
167	100		
168	13.7	11.3	16.9
166	24.2	17.8	26.8

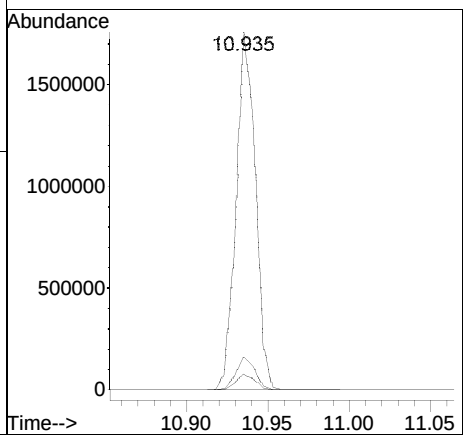


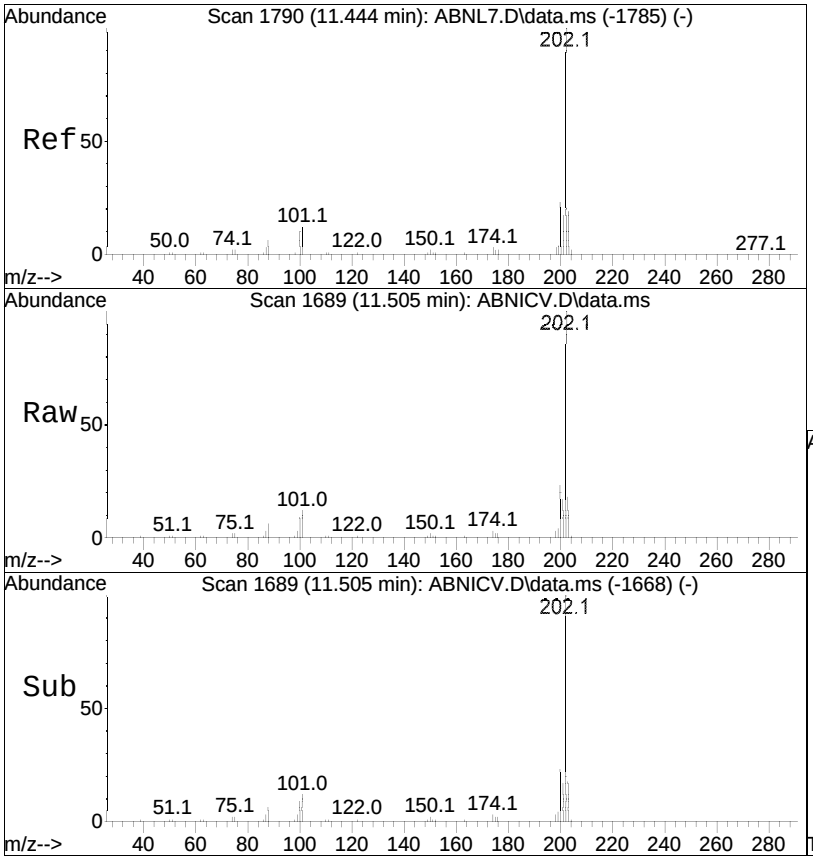


#92
Di-n-butylphthalate
Concen: 53.57 ug/ml
RT: 10.935 min Scan# 1592
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:149 Resp: 1424221

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	4.5	3.8	5.8

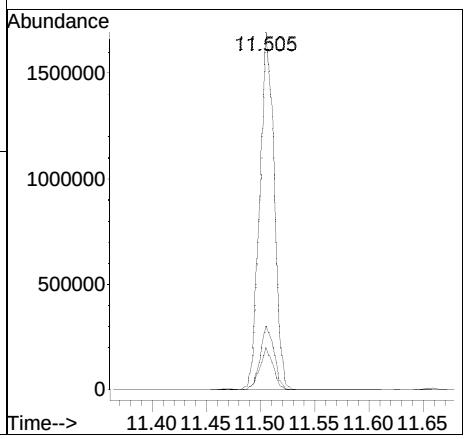


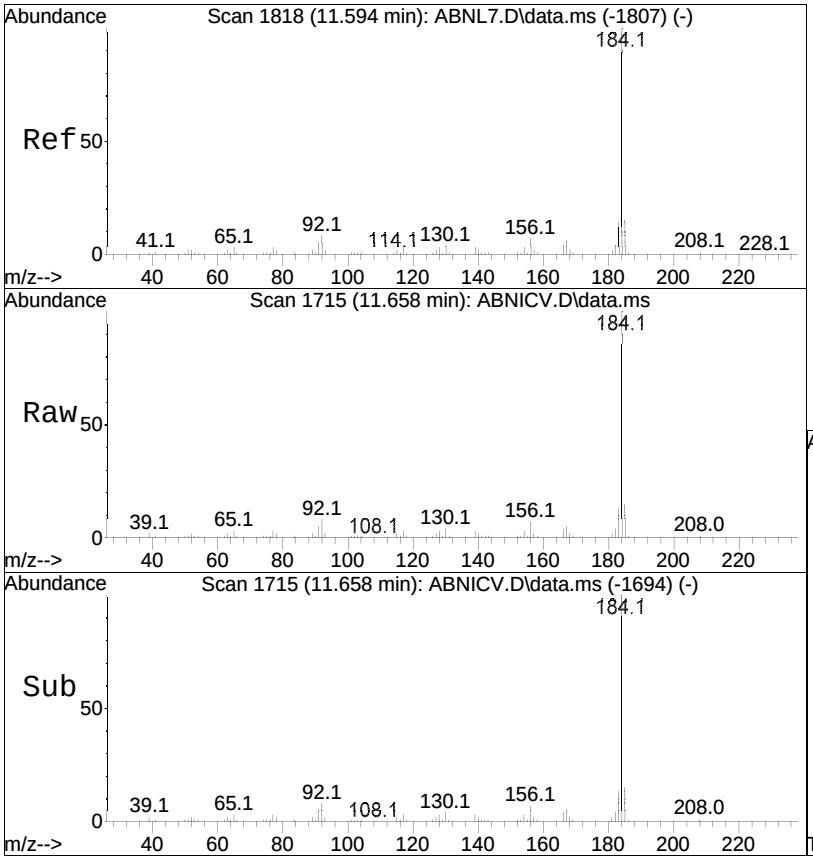


#93
Fluoranthene
Concen: 49.78 ug/ml
RT: 11.505 min Scan# 1689
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:202 Resp: 1538257

Ion	Ratio	Lower	Upper
202	100		
101	11.2	12.6	19.0#
203	17.6	14.4	21.6

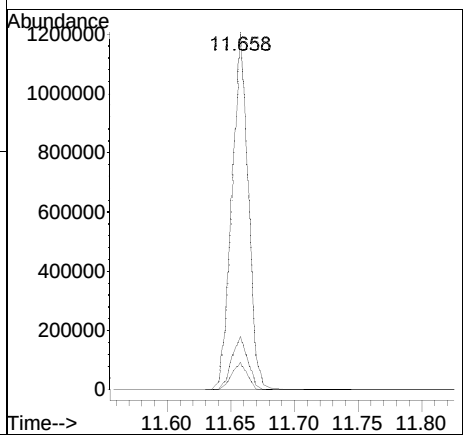


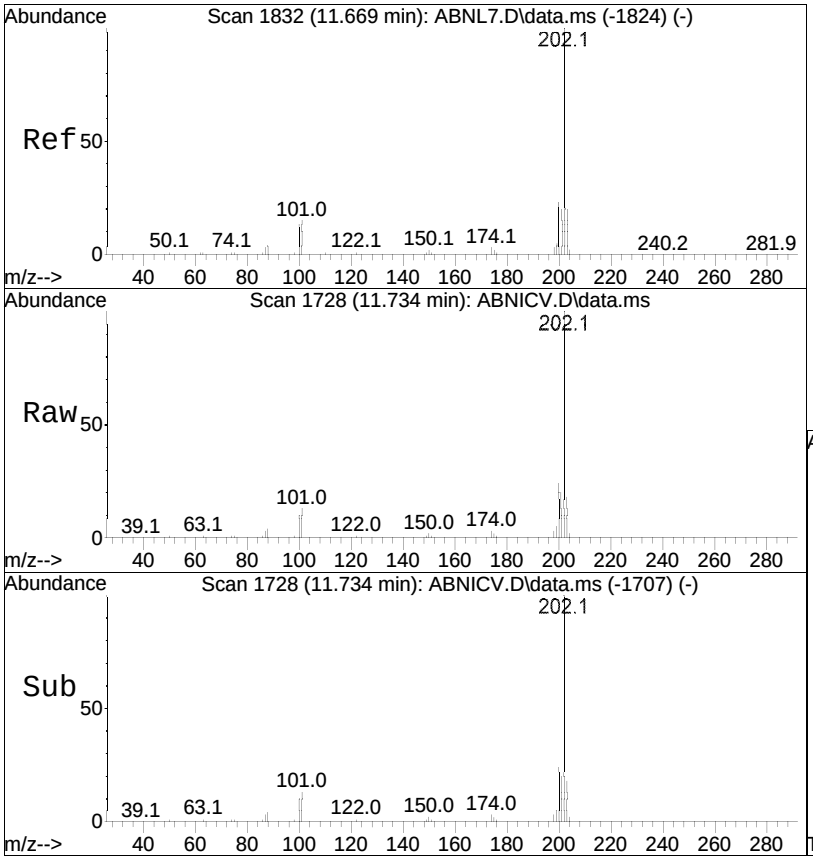


#94
Benzidine
Concen: 51.24 ug/ml
RT: 11.658 min Scan# 1715
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:184 Resp: 1067205

Ion	Ratio	Lower	Upper
184	100		
92	7.5	8.4	12.6#
185	15.1	11.5	17.3

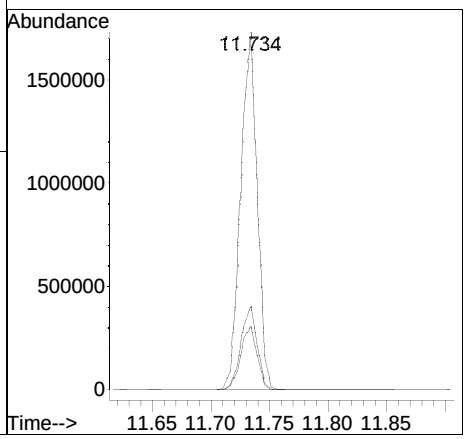


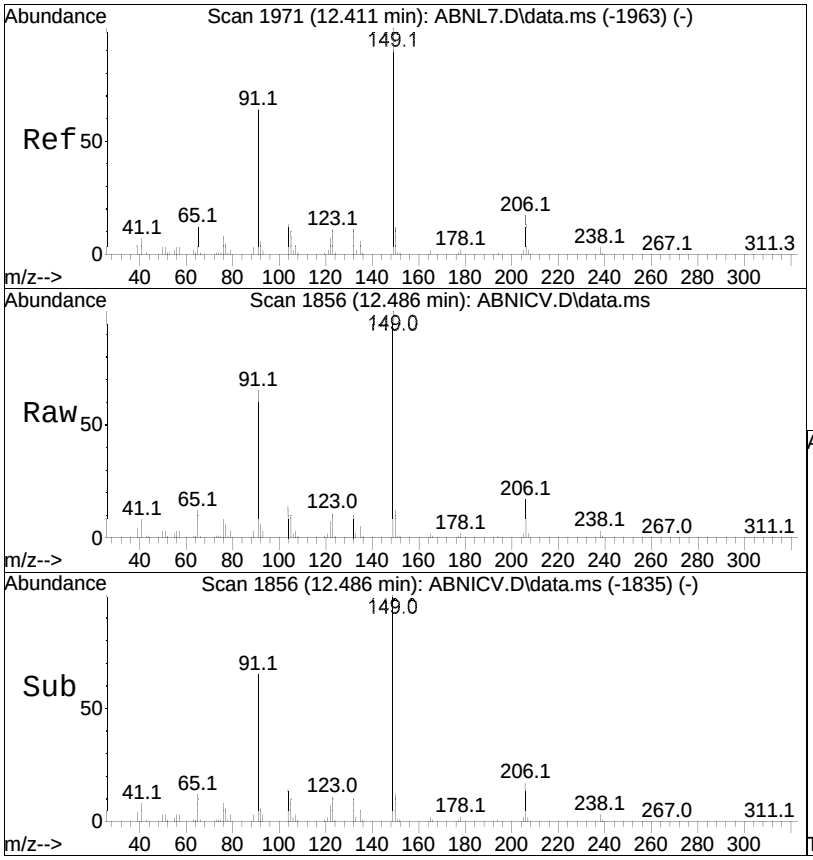


#95
Pyrene
Concen: 49.95 ug/ml
RT: 11.734 min Scan# 1728
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:202 Resp: 1670149

Ion	Ratio	Lower	Upper
202	100		
200	23.2	17.2	25.8
203	17.9	15.0	22.6

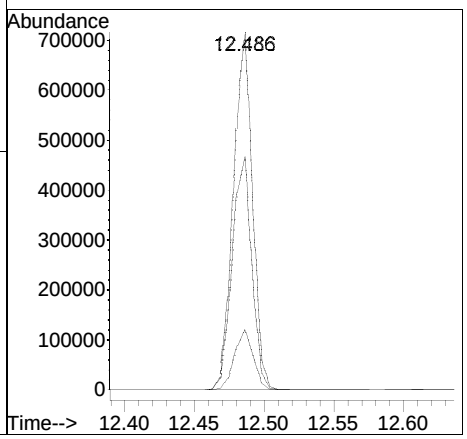


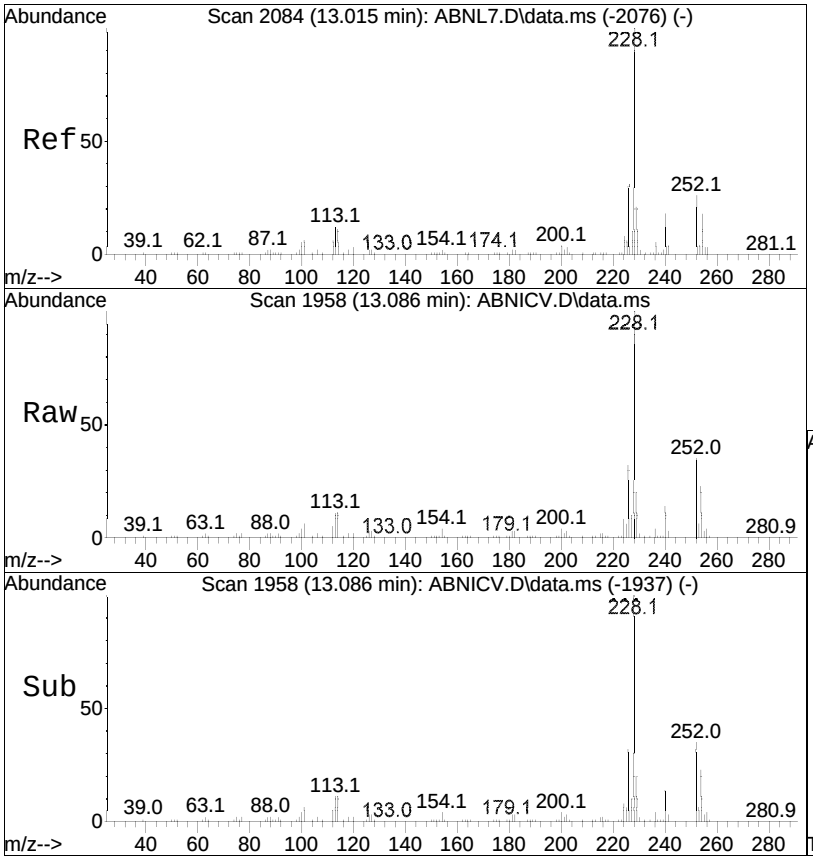


#97
Butyl benzyl phthalate
Concen: 48.91 ug/ml
RT: 12.486 min Scan# 1856
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:149 Resp: 672747

Ion	Ratio	Lower	Upper
149	100		
91	67.1	53.4	80.2
206	16.6	13.3	19.9

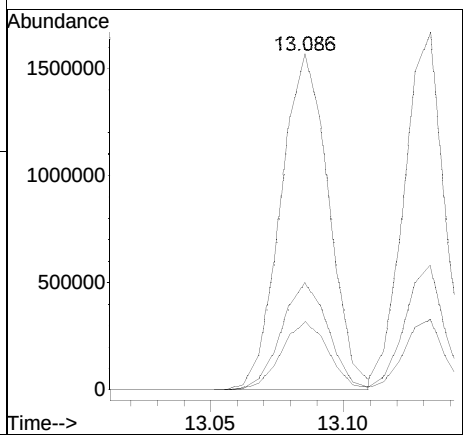


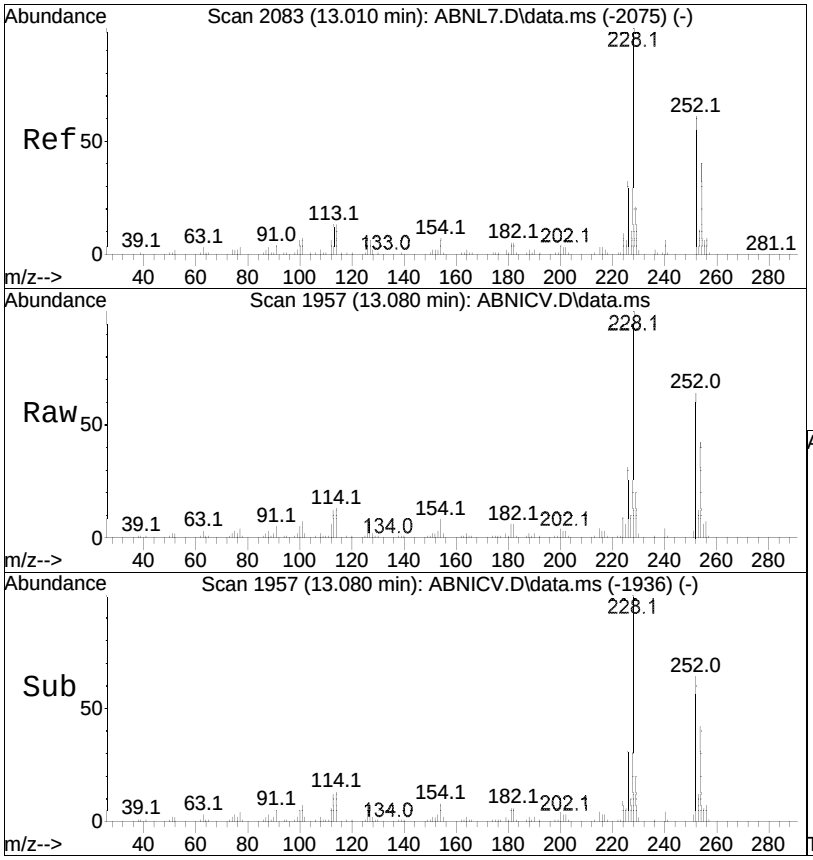


#105
Benzo(a)anthracene
Concen: 49.38 ug/ml
RT: 13.086 min Scan# 1958
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:228 Resp: 1967264

Ion	Ratio	Lower	Upper
228	100		
226	31.2	22.9	34.3
229	19.9	16.1	24.1

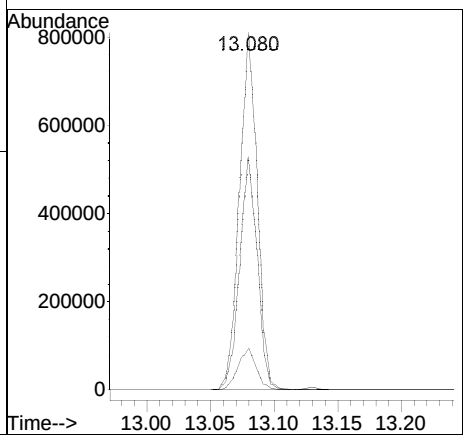


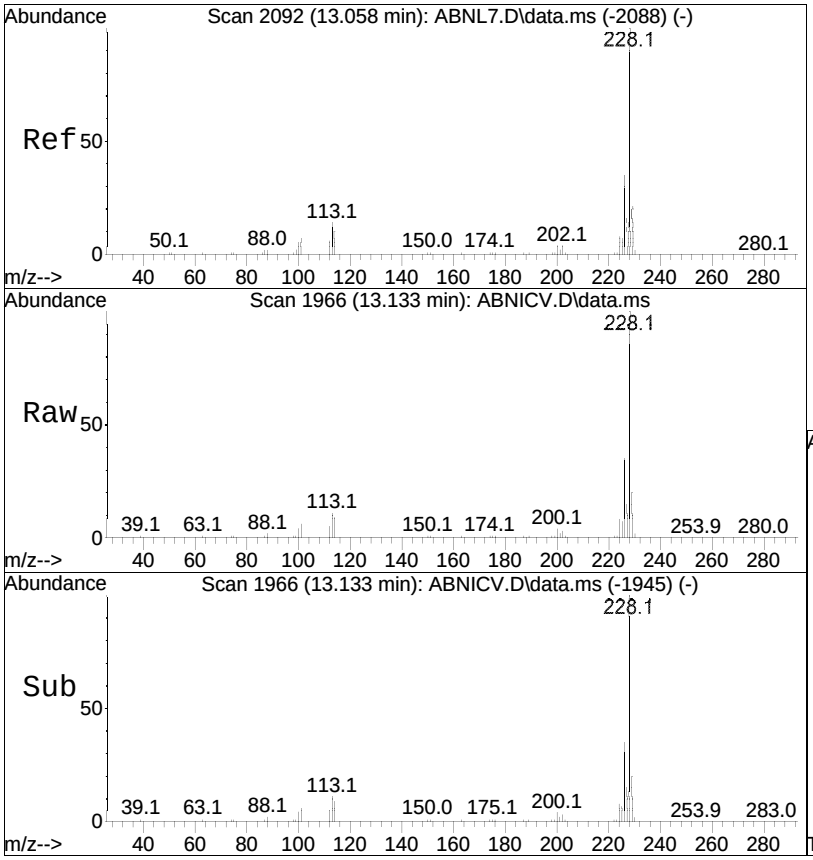


#106
3,3'-Dichlorobenzidine
Concen: 55.17 ug/ml
RT: 13.080 min Scan# 1957
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:252 Resp: 784943

Ion	Ratio	Lower	Upper
252	100		
126	12.3	13.4	20.0#
254	64.6	52.8	79.2

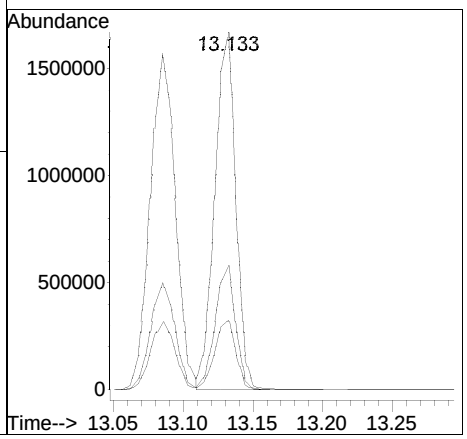


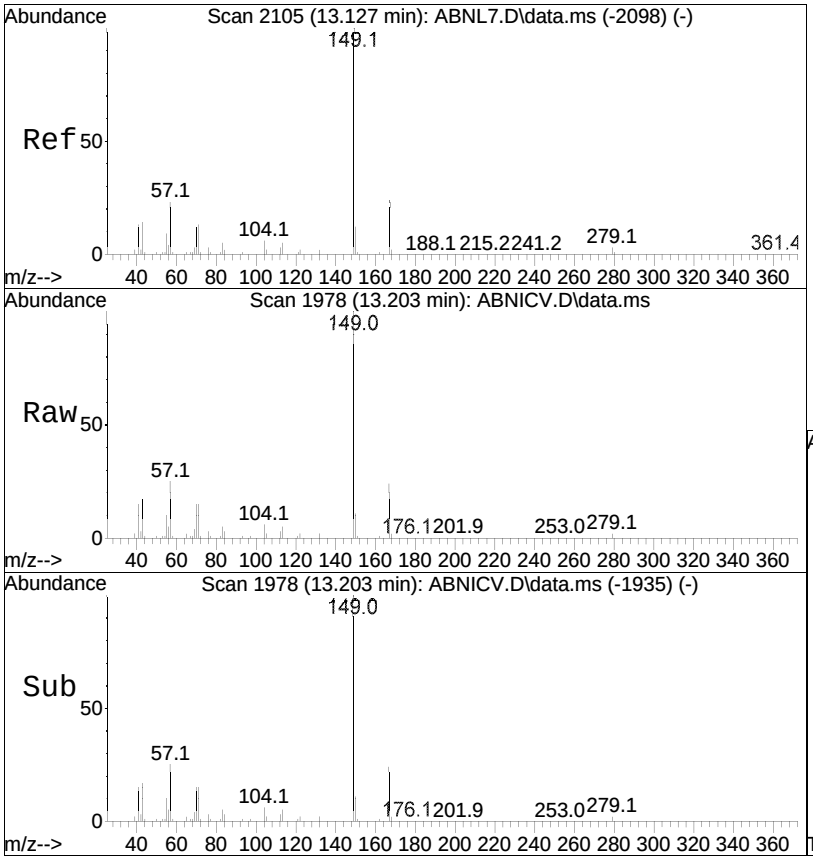


#107
Chrysene
Concen: 47.70 ug/ml
RT: 13.133 min Scan# 1966
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:228 Resp: 1745759

Ion	Ratio	Lower	Upper
228	100		
226	33.8	24.9	37.3
229	19.6	16.6	24.8

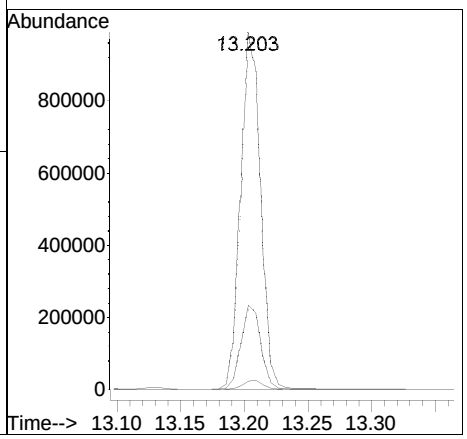


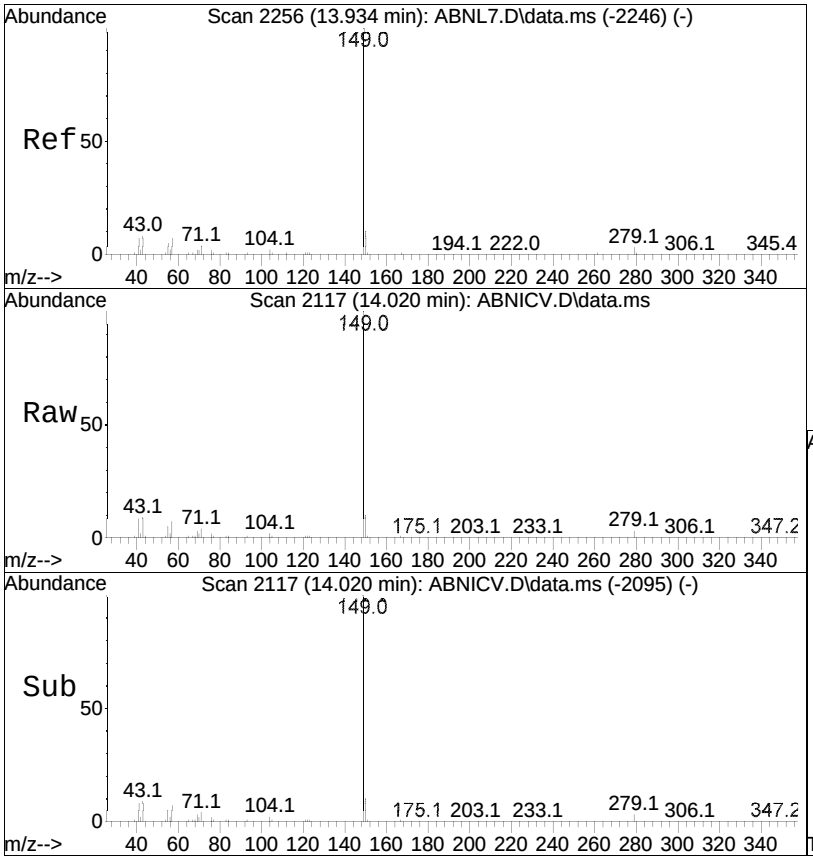


#108
Bis(2-ethylhexyl)phthalate
Concen: 52.52 ug/ml
RT: 13.203 min Scan# 1978
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:149 Resp: 1062976

Ion	Ratio	Lower	Upper
149	100		
167	23.8	21.2	31.8
279	2.4	3.8	5.6#

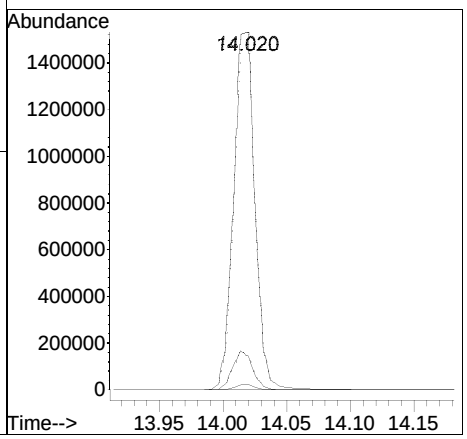


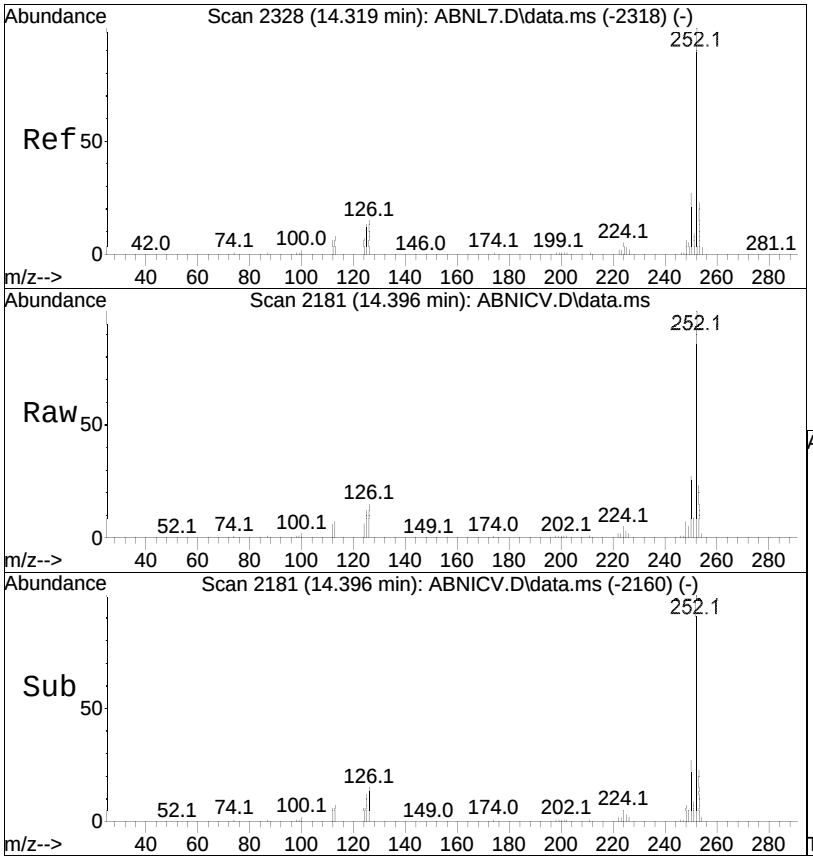


#109
Di-n-octylphthalate
Concen: 52.16 ug/ml
RT: 14.020 min Scan# 2117
Delta R.T. 0.006 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:149 Resp: 1752371

Ion	Ratio	Lower	Upper
149	100		
43	10.5	8.0	12.0
167	1.4	1.0	1.6

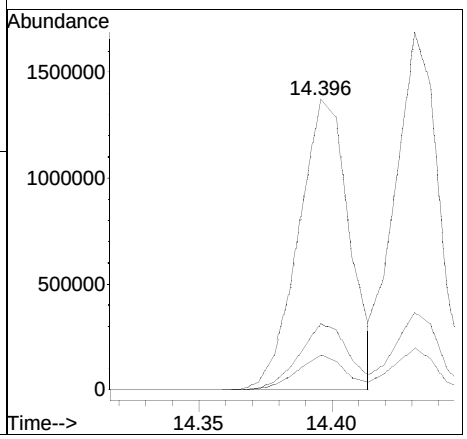


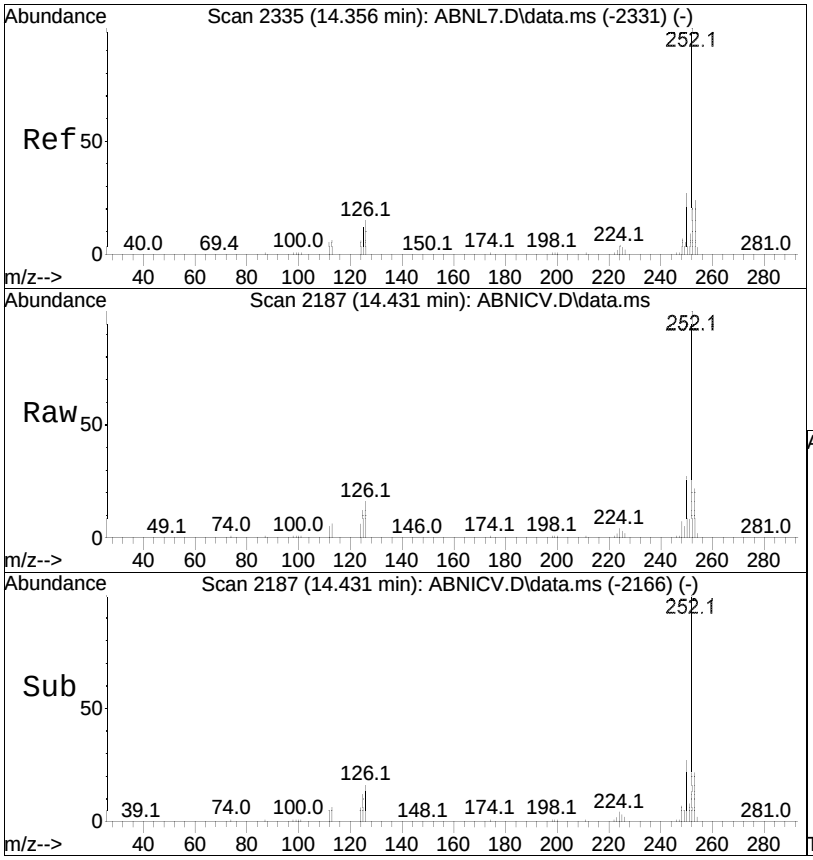


#110
Benzo(b)fluoranthene
Concen: 47.69 ug/ml
RT: 14.396 min Scan# 2181
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:252 Resp: 1839497

Ion	Ratio	Lower	Upper
252	100		
125	11.5	12.6	18.8#
253	22.3	18.2	27.2

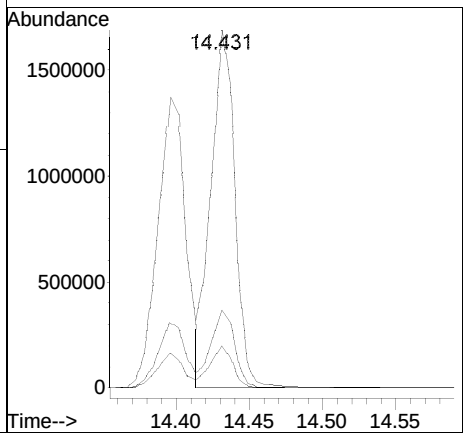


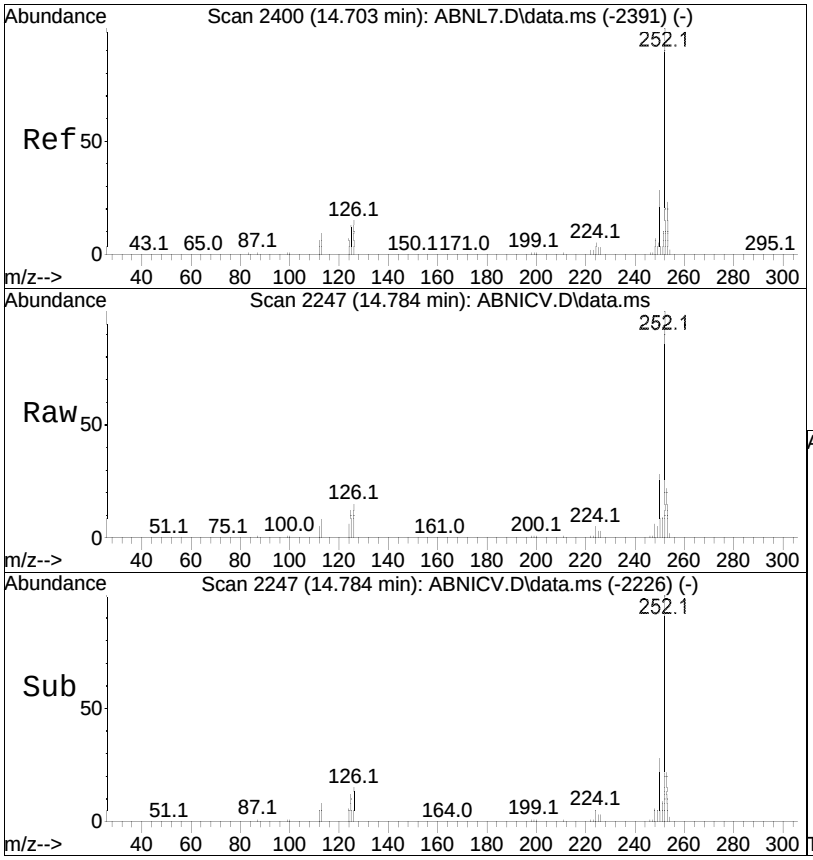


#111
Benzo(k)fluoranthene
Concen: 49.40 ug/ml
RT: 14.431 min Scan# 2187
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:252 Resp: 1912748

Ion	Ratio	Lower	Upper
252	100		
125	11.3	12.1	18.1#
253	21.8	18.1	27.1

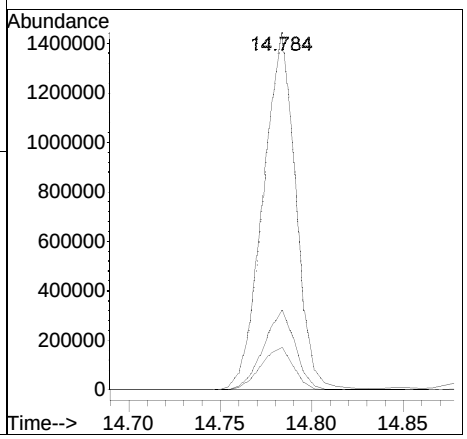


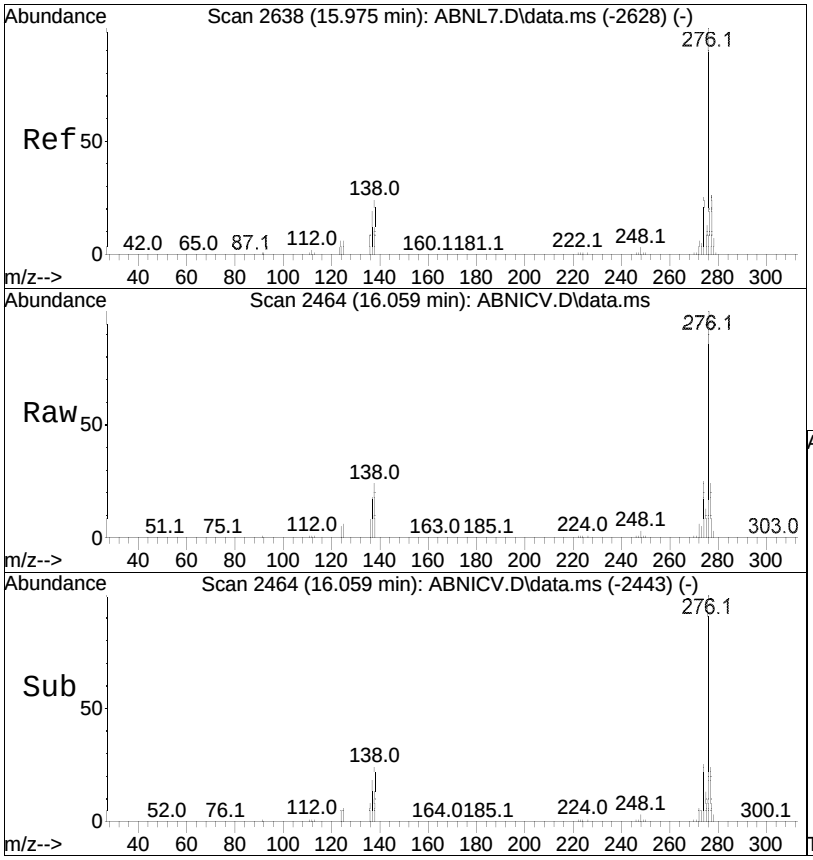


#112
Benzo(a)pyrene
Concen: 48.65 ug/ml
RT: 14.784 min Scan# 2247
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:252 Resp: 1776708

Ion	Ratio	Lower	Upper
252	100		
125	12.3	13.3	19.9#
253	22.1	18.2	27.4

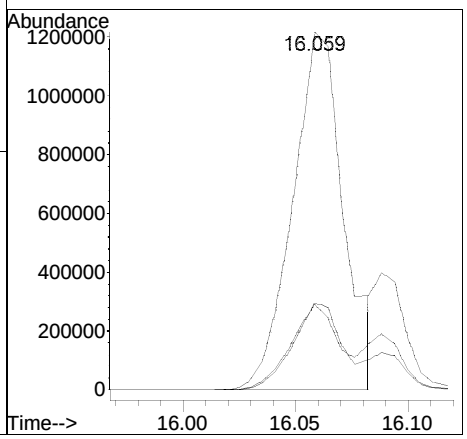


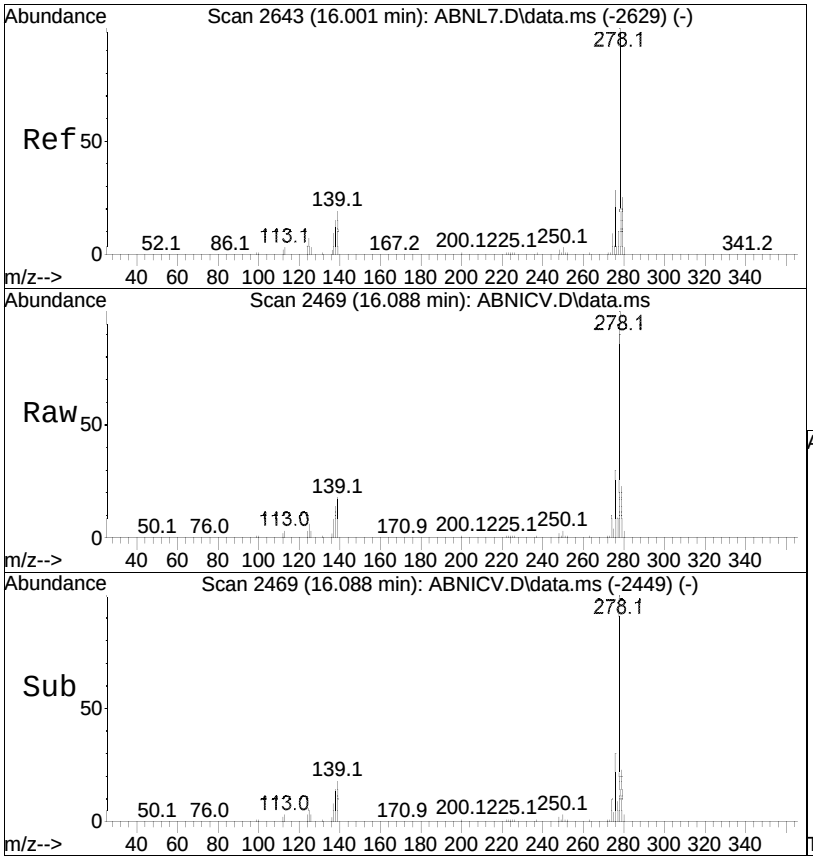


#114
Indeno(1,2,3-cd)pyrene
Concen: 52.13 ug/mL
RT: 16.059 min Scan# 2464
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:276 Resp: 1909778

Ion	Ratio	Lower	Upper
276	100		
138	23.1	26.7	40.1#
277	23.0	20.4	30.6

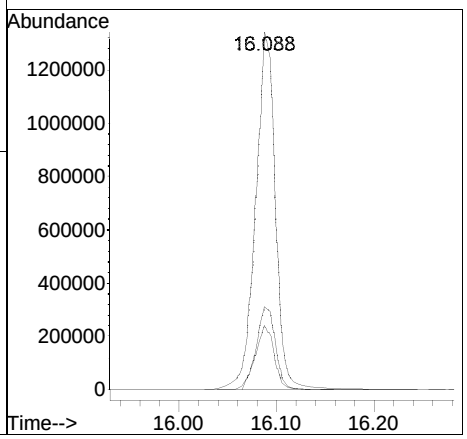


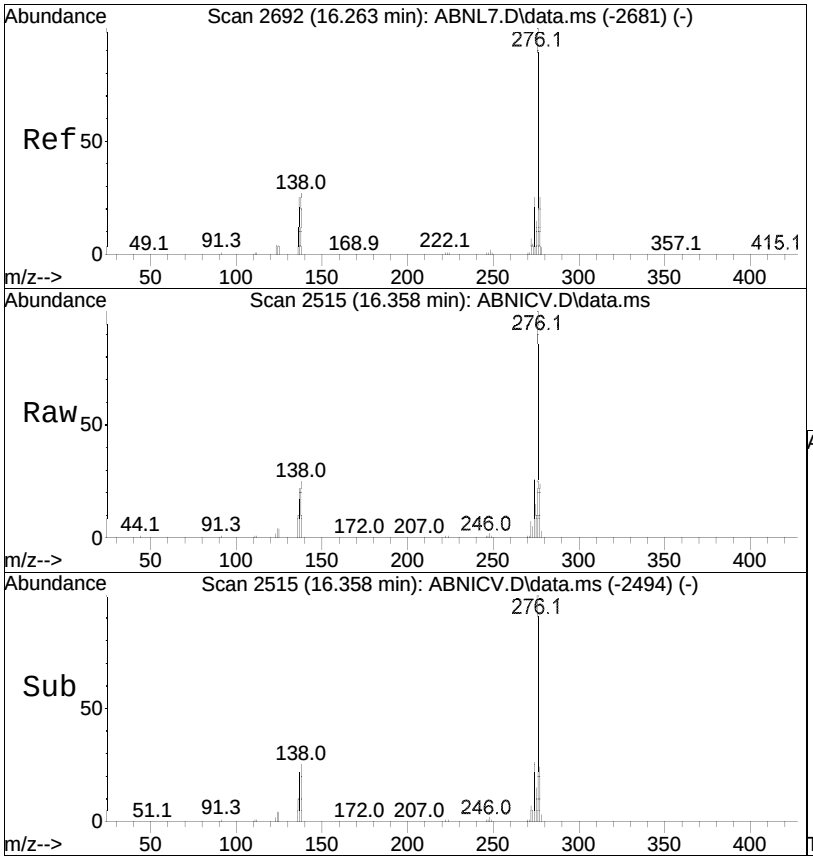


#115
Dibenzo(a,h)anthracene
Concen: 50.45 ug/ml
RT: 16.088 min Scan# 2469
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:278 Resp: 1880348

Ion	Ratio	Lower	Upper
278	100		
139	17.2	18.2	27.4#
279	23.2	19.3	28.9

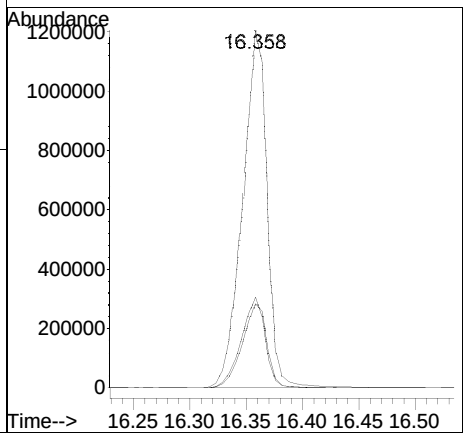




#116
Benzo(ghi)perylene
Concen: 50.52 ug/ml
RT: 16.358 min Scan# 2515
Delta R.T. -0.001 min
Lab File: ABNICV.D
Acq: 1 Aug 2025 6:50 am

Tgt Ion:276 Resp: 1795582

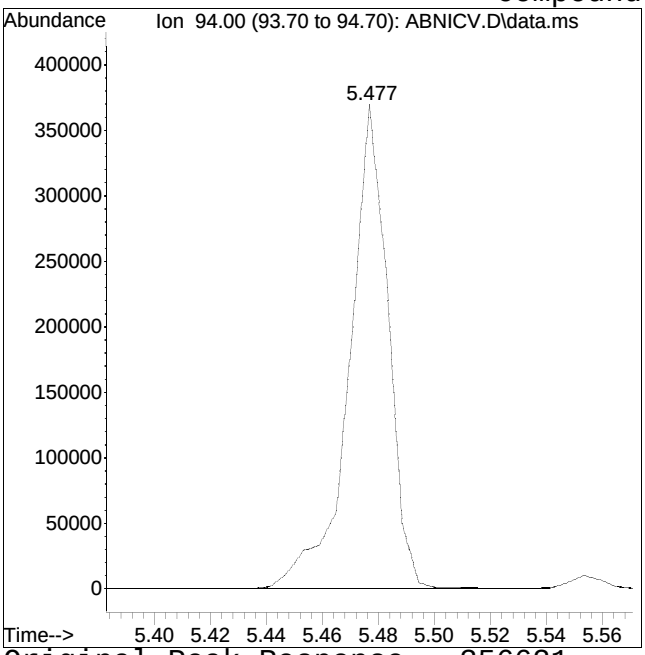
Ion	Ratio	Lower	Upper
276	100		
138	25.2	26.1	39.1#
277	24.0	19.4	29.0



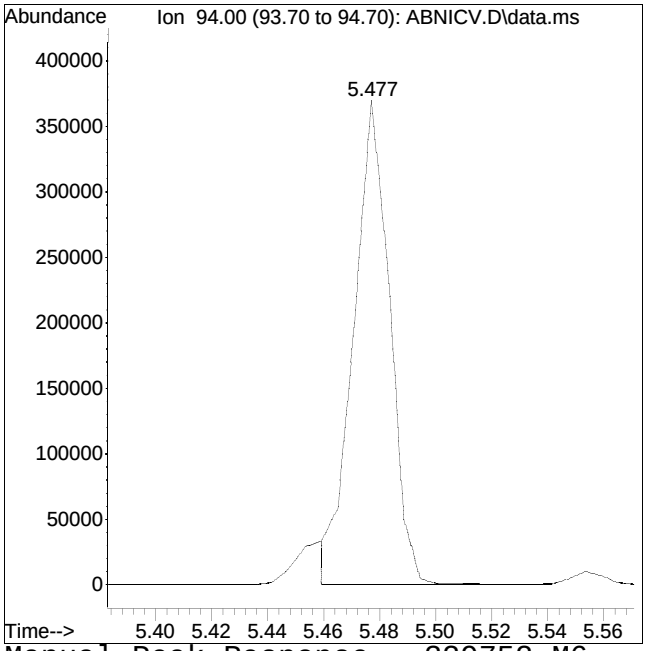
Manual Integration Report

Data Path : I:\8270\GCMS5\250731ICAL\ QMethod : FS250731GCMS5.m
Data File : ABNICV.D Operator : GCMS5:cmm
Date Inj'd : 8/1/2025 6:50 am Instrument : GCMS5
Sample : CQICV1,32,,ABN ICV Lot # 1Quant Date : 8/4/2025 1:59 pm

Compound #8: Phenol



Original Peak Response = 356621



Manual Peak Response = 329752 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : AP9ICV.D
Acq On : 1 Aug 2025 7:16 am
Operator : GCMS5:cmm
Sample : CQICV2,32,,AP9 ICV Lot # 11303
Misc : WG2098562,,
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 04 06:16:49 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 06:17:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
27	I	IS2_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	114	0.00
28	T	Benzaldehyde	*	50.000	63.939	-27.9#	154	0.00
29	T	Acetophenone		1.695	1.814	-7.0	123	0.00
30	T	m-Toluidine		1.478	1.918	-29.8#	149	0.00
31	T	2-Chloroaniline		1.573	1.722	-9.5	123	0.00
55	I	IS2_Naphthalene-d8		1.000	1.000	0.0	112	0.00
56	T	a-Terpineol		0.263	0.292	-11.0	122	0.00
57	T	3-Chloroaniline		0.131	0.152	-16.0	130	0.00
58	T	2,6-Dichlorophenol		0.295	0.330	-11.9	123	0.00
59	T	1-chloro-2-nitrobenzene		0.126	0.142	-12.7	121	0.00
60	T	Caprolactam		0.144	0.166	-15.3	122	0.00
61	T	1,2,4,5-Tetrachlorobenzene		0.390	0.410	-5.1	123	0.00
62	T	Biphenyl		0.886	0.926	-4.5	120	0.00
83	I	IS2_Acenaphthene-d10		1.000	1.000	0.0	110	0.00
84	T	Dichloran	*	50.000	47.850	4.3	117	0.00
85	T	Pentachloronitrobenzene		0.187	0.200	-7.0	115	0.00
98	I	IS2_Phenanthrene-d10		1.000	1.000	0.0	104	0.00
99	T	Diphenamid		0.482	0.565	-17.2	117	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : AP9ICV.D
Acq On : 1 Aug 2025 7:16 am
Operator : GCMS5:cmm
Sample : CQICV2,32,,AP9 ICV Lot # 11303
Misc : WG2098562,,
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 04 06:16:49 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 06:17:25 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	5.818	152	189040	40.000	ug/ml	0.00
Standard Area 1 = 166554			Recovery = 113.50%			
55) IS2_Naphthalene-d8	7.146	136	735604	40.000	ug/ml	0.00
Standard Area 1 = 656859			Recovery = 111.99%			
83) IS2_Acenaphthene-d10	8.879	164	452732	40.000	ug/ml	0.00
Standard Area 1 = 412934			Recovery = 109.64%			
98) IS2_Phenanthrene-d10	10.324	188	937640	40.000	ug/ml	0.00
Standard Area 1 = 897605			Recovery = 104.46%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	5.318	105	251138	63.939	ug/ml	98
29) Acetophenone	6.258	105	428743	53.518	ug/ml#	95
30) m-Toluidine	6.346	106	453239	64.868	ug/ml	98
31) 2-Chloroaniline	6.728	127	406946	54.745	ug/ml	97
56) a-Terpineol	7.204	59	268201	55.432	ug/ml	92
57) 3-Chloroaniline	7.216	65	140047	58.240	ug/ml	84
58) 2,6-Dichlorophenol	7.245	162	303102	55.882	ug/ml	98
59) 1-chloro-2-nitrobenzene	7.504	111	130456	56.136	ug/ml	96
60) Caprolactam	7.551	55	152601	57.454	ug/ml#	87
61) 1,2,4,5-Tetrachloroben...	8.033	216	376917	52.581	ug/ml	99
62) Biphenyl	8.327	154	851579	52.272	ug/ml	96
84) Dichloran	10.013	206	117013	47.850	ug/ml	98
85) Pentachloronitrobenzene	10.166	237	113396	53.560	ug/ml	95
99) Diphenamid	11.223	167	662560	58.698	ug/ml	91

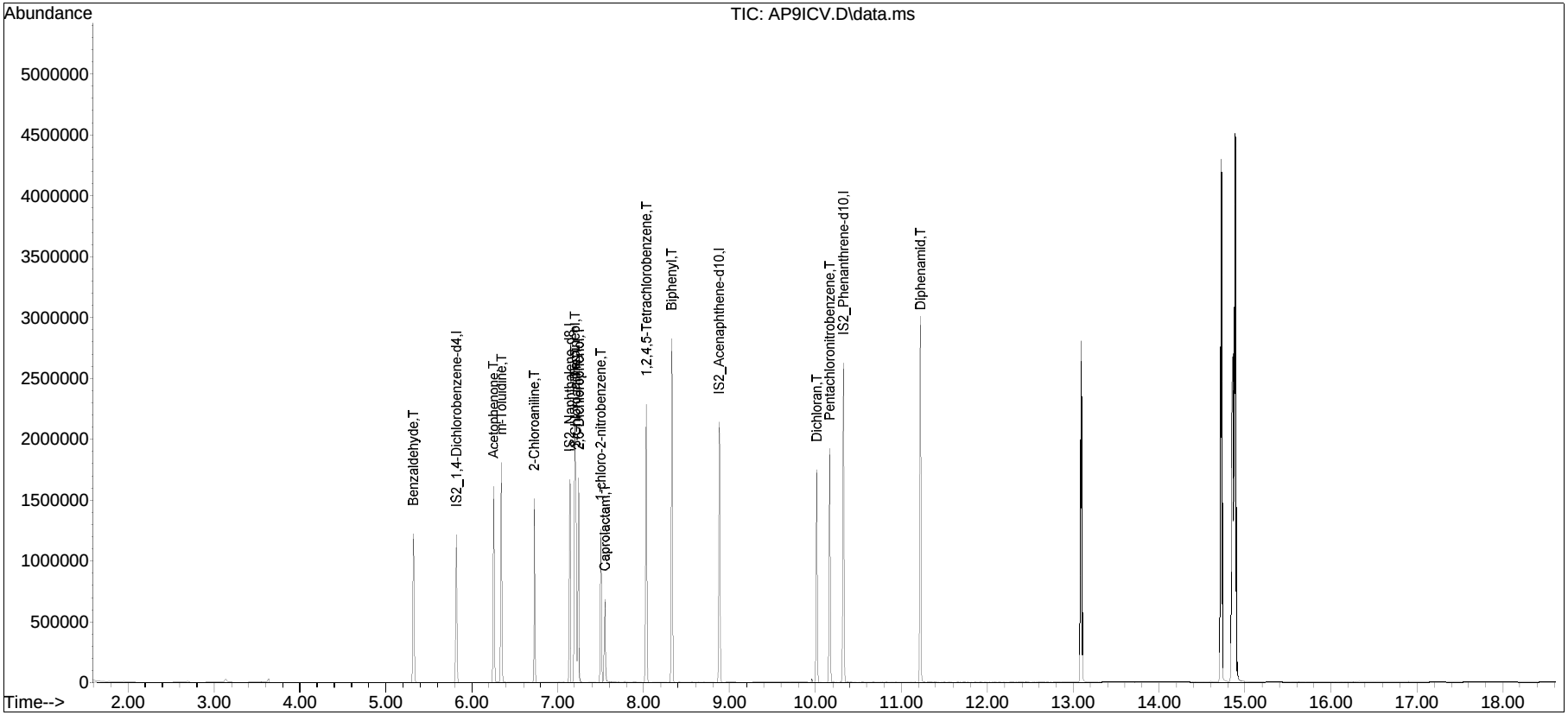
(#) = qualifier out of range (m) = manual integration (+) = signals summed

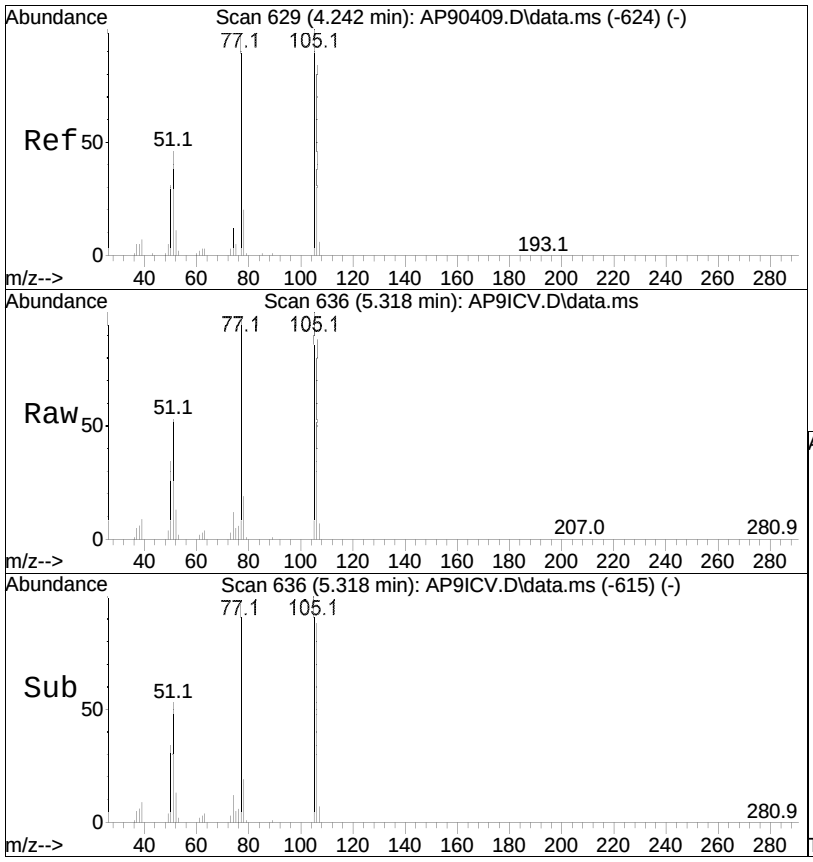
Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : AP9ICV.D
Acq On : 1 Aug 2025 7:16 am
Operator : GCMS5:cmm
Sample : CQICV2,32,,AP9 ICV Lot # 11303
Misc : WG2098562,,
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Aug 04 06:16:49 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 06:17:25 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistAL\AP9L7.D•

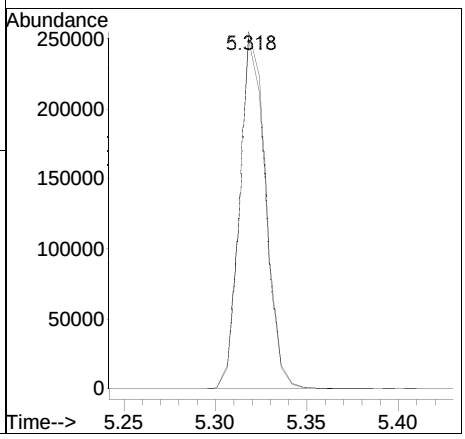


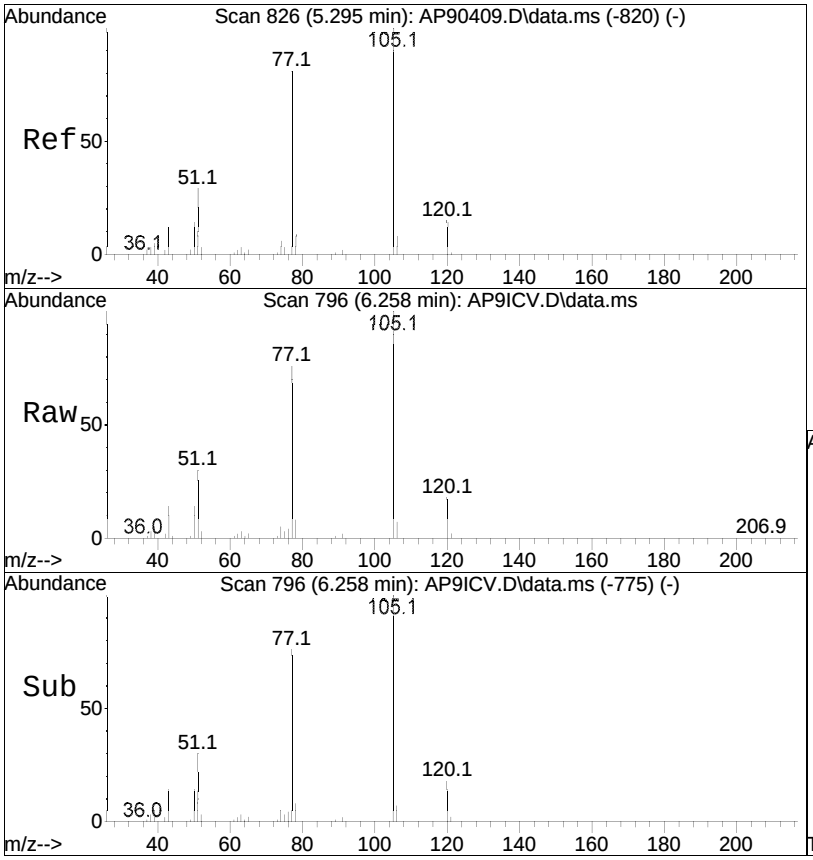


#28
Benzaldehyde
Concen: 63.94 ug/ml
RT: 5.318 min Scan# 636
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 1 Aug 2025 7:16 am

Tgt Ion:105 Resp: 251138

Ion	Ratio	Lower	Upper
105	100		
77	97.2	79.3	118.9

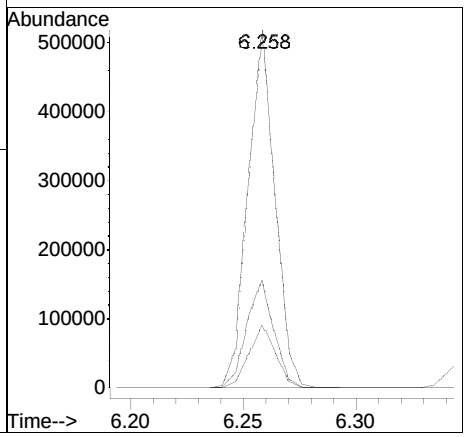


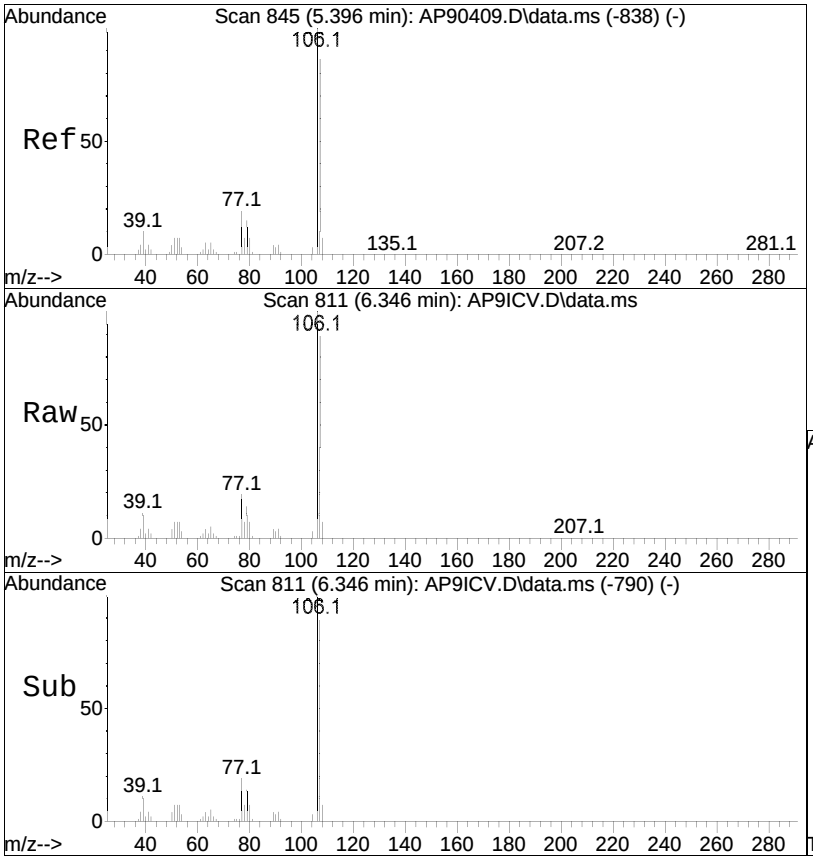


#29
Acetophenone
Concen: 53.52 ug/ml
RT: 6.258 min Scan# 796
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 1 Aug 2025 7:16 am

Tgt Ion:105 Resp: 428743

Ion	Ratio	Lower	Upper
105	100		
120	17.4	17.4	26.2#
51	30.5	23.8	35.6

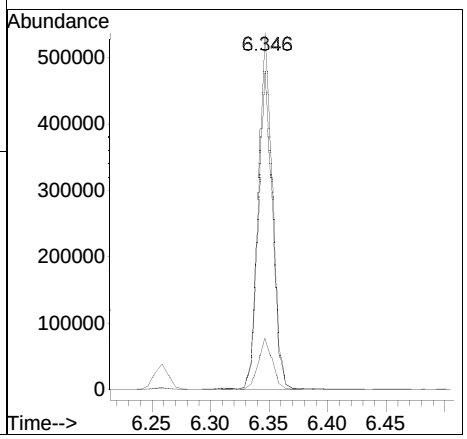


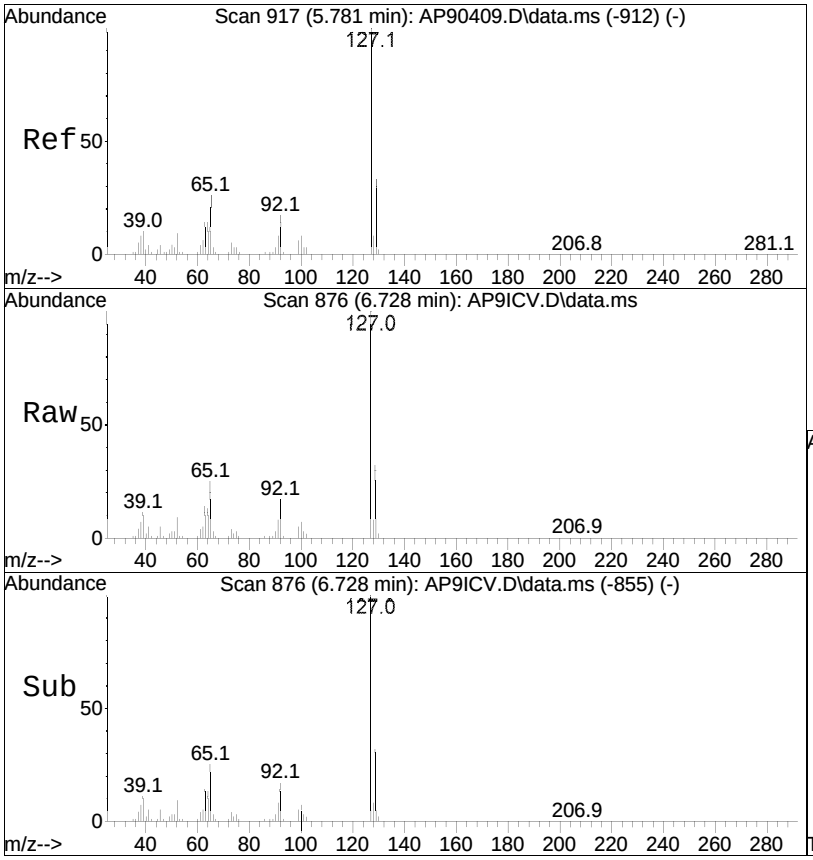


#30
m-Toluidine
Concen: 64.87 ug/ml
RT: 6.346 min Scan# 811
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 1 Aug 2025 7:16 am

Tgt Ion:106 Resp: 453239

Ion	Ratio	Lower	Upper
106	100		
107	88.5	72.5	108.7
79	14.2	11.4	17.2

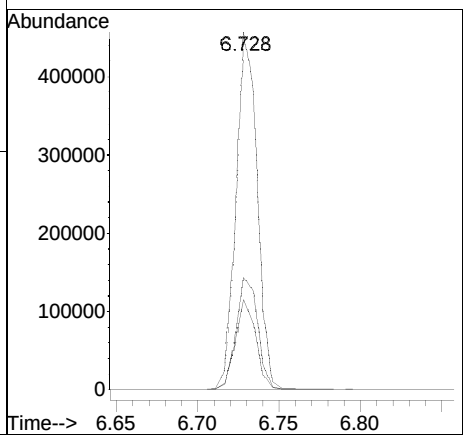


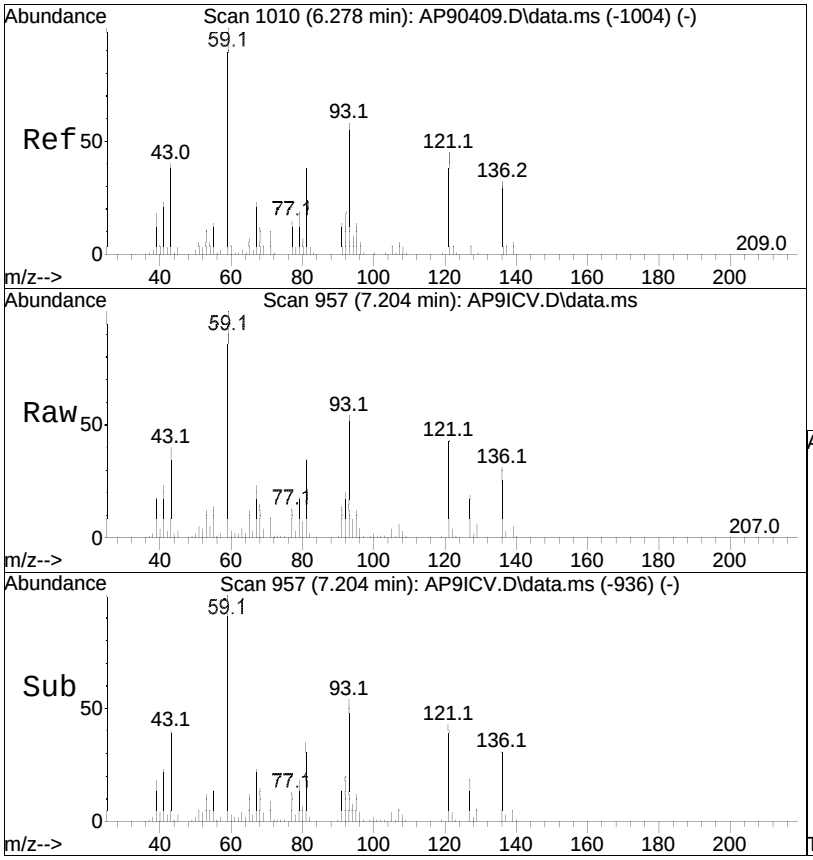


#31
2-Chloroaniline
Concen: 54.74 ug/ml
RT: 6.728 min Scan# 876
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 1 Aug 2025 7:16 am

Tgt Ion:127 Resp: 406946

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.5	38.3
65	24.4	17.3	25.9

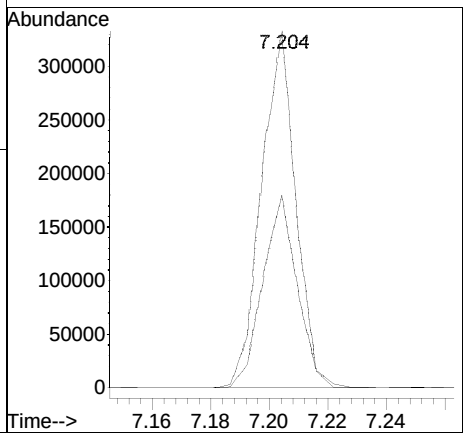


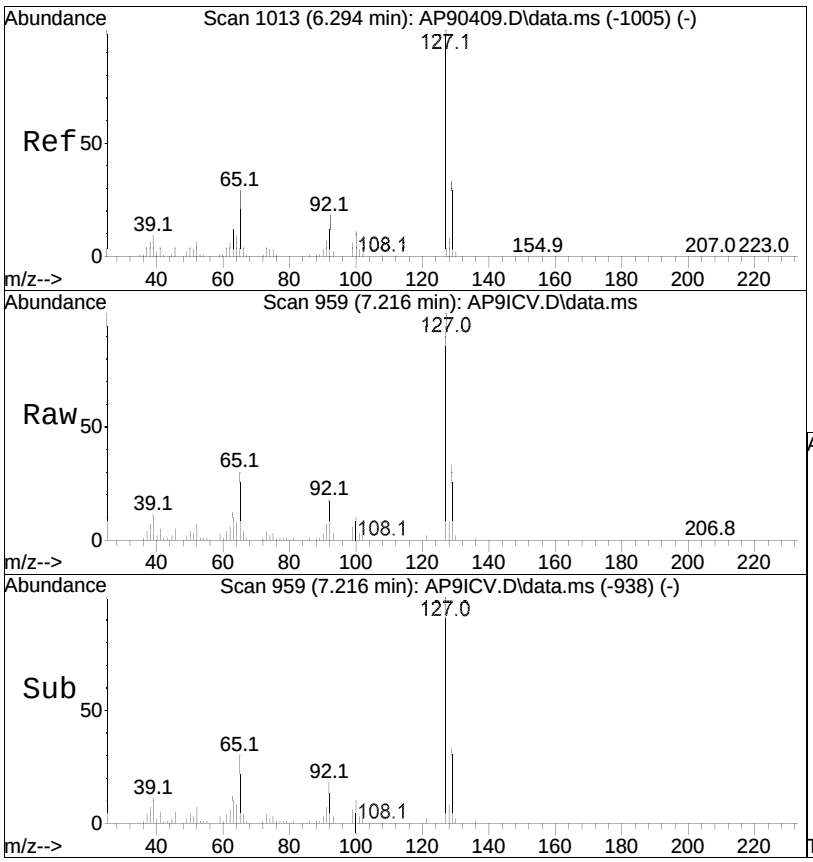


#56
a-Terpineol
Concen: 55.43 ug/ml
RT: 7.204 min Scan# 957
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 1 Aug 2025 7:16 am

Tgt Ion: 59 Resp: 268201

Ion	Ratio	Lower	Upper
59	100		
93	55.3	49.3	73.9

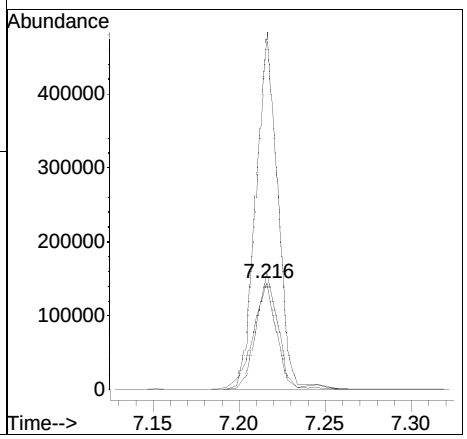


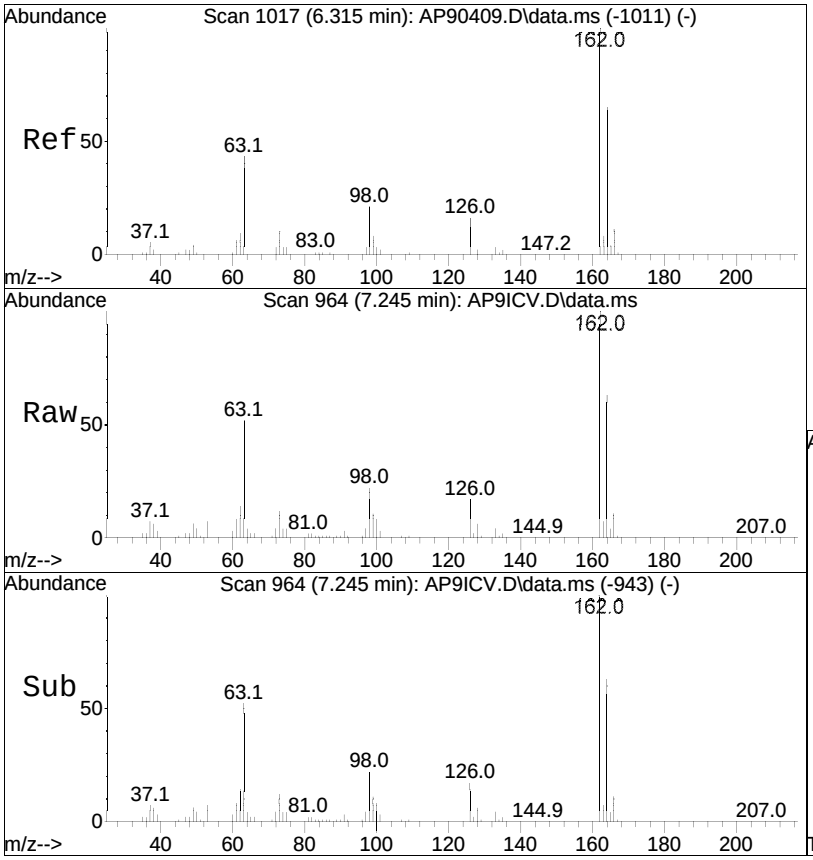


#57
3-Chloroaniline
Concen: 58.24 ug/ml
RT: 7.216 min Scan# 959
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 1 Aug 2025 7:16 am

Tgt Ion: 65 Resp: 140047

Ion	Ratio	Lower	Upper
65	100		
127	300.1	269.3	403.9
129	97.3	88.2	132.4

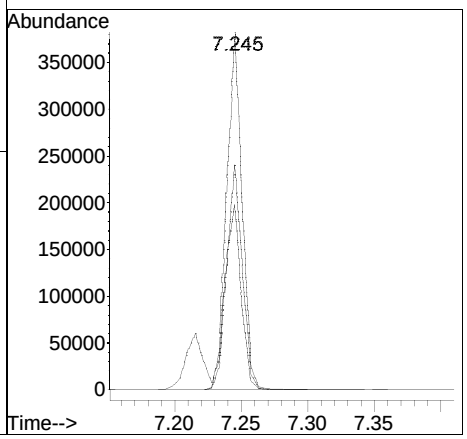


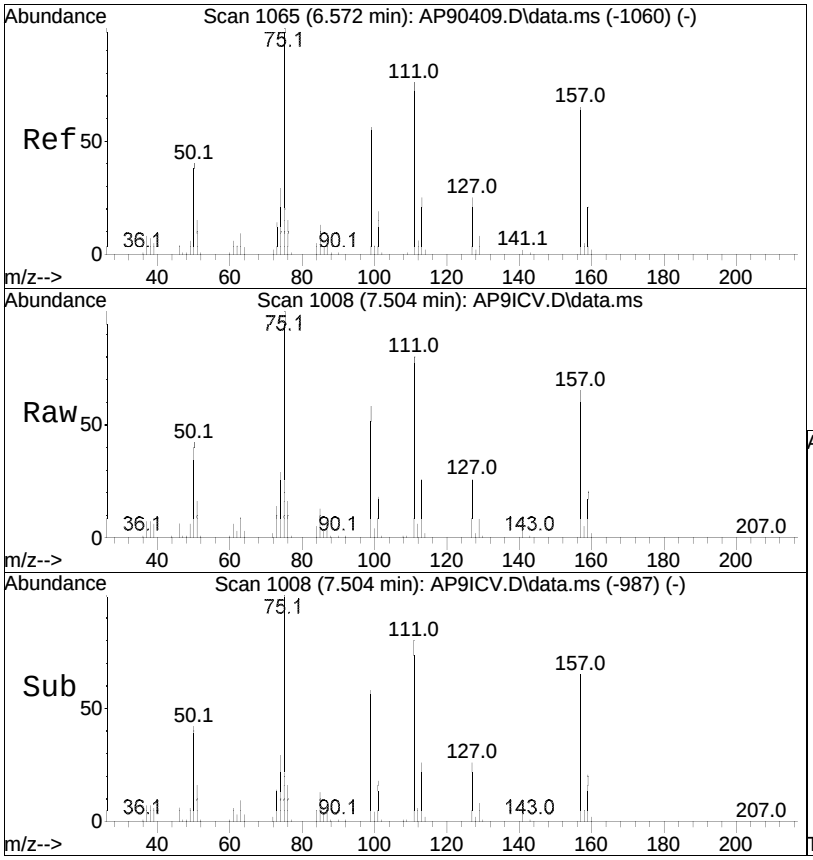


#58
2,6-Dichlorophenol
Concen: 55.88 ug/ml
RT: 7.245 min Scan# 964
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 1 Aug 2025 7:16 am

Tgt Ion:162 Resp: 303102

Ion	Ratio	Lower	Upper
162	100		
164	63.5	51.8	77.6
63	54.3	41.7	62.5

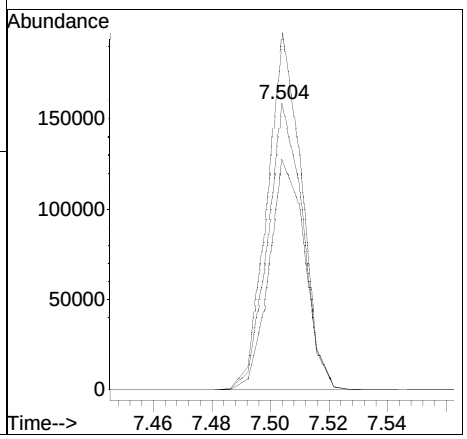


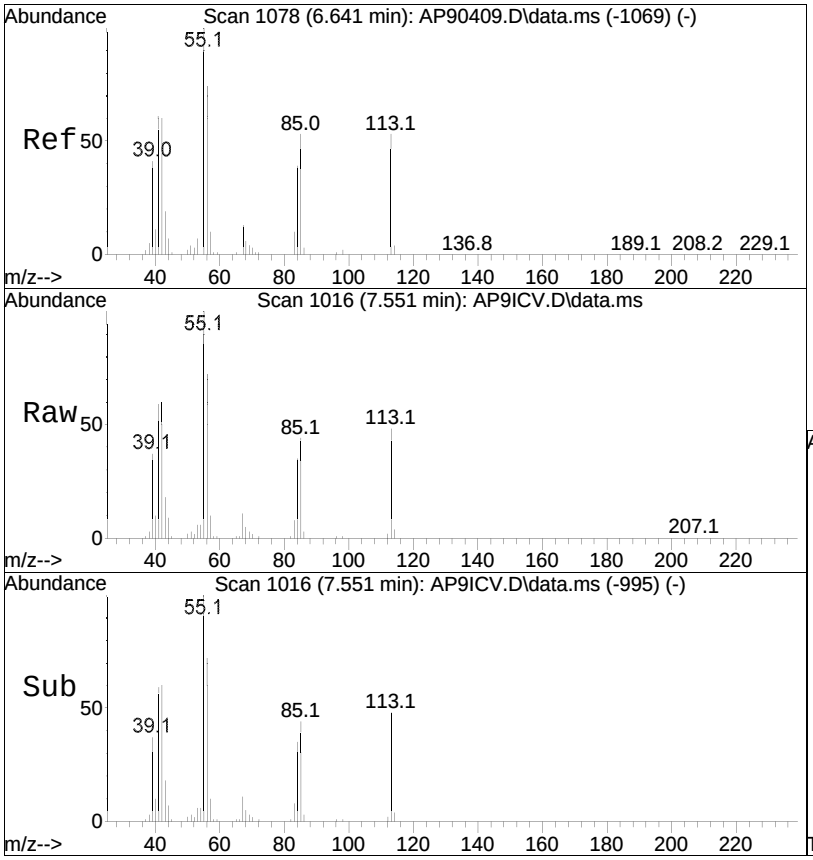


#59
1-chloro-2-nitrobenzene
Concen: 56.14 ug/ml
RT: 7.504 min Scan# 1008
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 1 Aug 2025 7:16 am

Tgt Ion:111 Resp: 130456

Ion	Ratio	Lower	Upper
111	100		
157	82.4	67.6	101.4
75	122.8	102.5	153.7

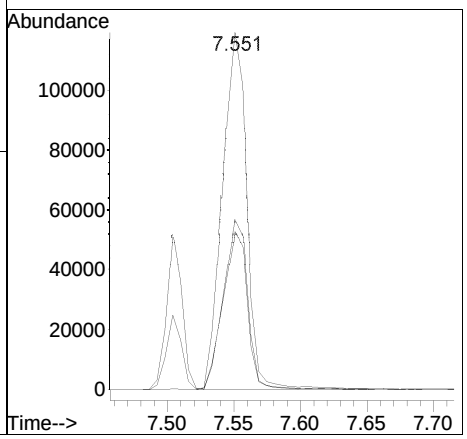


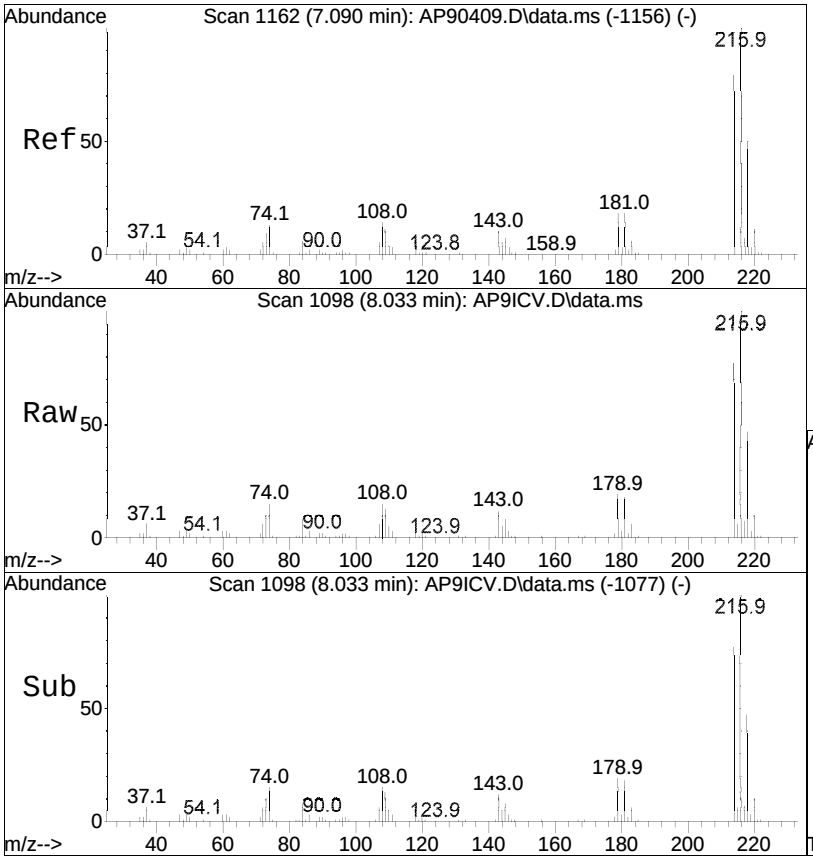


#60
Caprolactam
Concen: 57.45 ug/ml
RT: 7.551 min Scan# 1016
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 1 Aug 2025 7:16 am

Tgt Ion: 55 Resp: 152601

Ion	Ratio	Lower	Upper
55	100		
85	43.6	36.6	54.8
113	47.5	50.2	75.2#

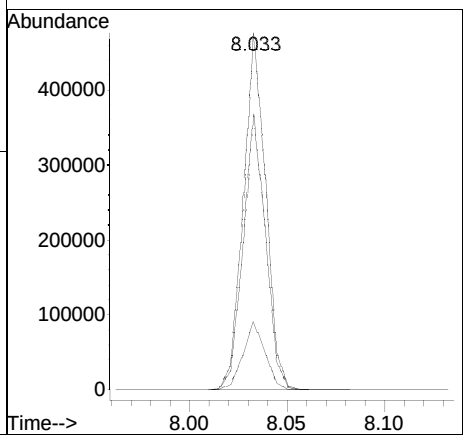


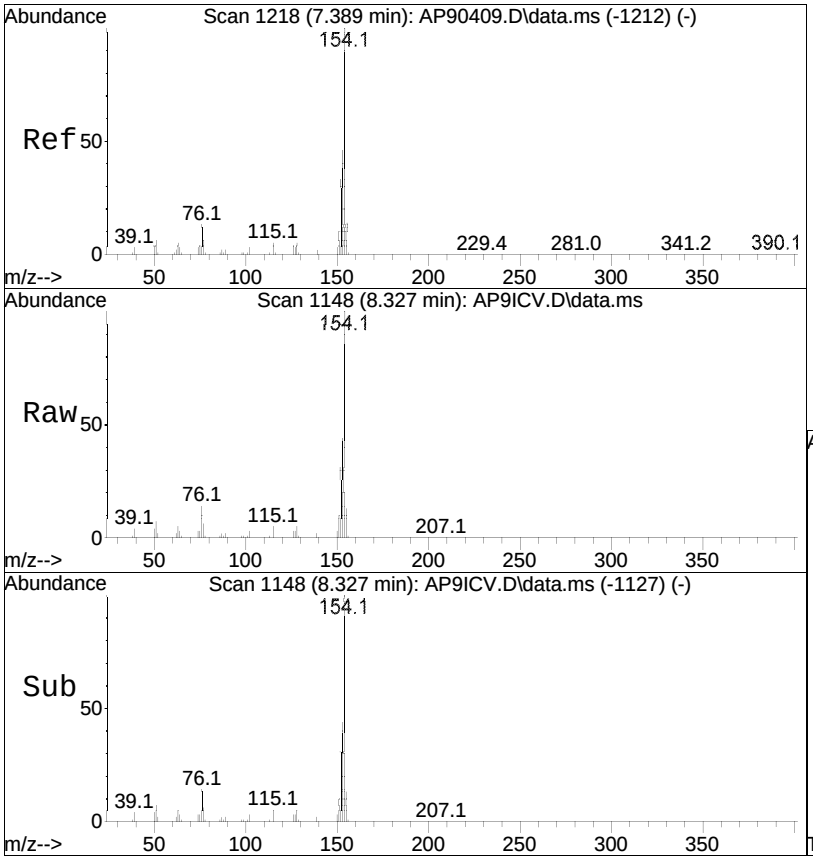


#61
1,2,4,5-Tetrachlorobenzene
Concen: 52.58 ug/ml
RT: 8.033 min Scan# 1098
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 1 Aug 2025 7:16 am

Tgt Ion:216 Resp: 376917

Ion	Ratio	Lower	Upper
216	100		
214	77.3	63.0	94.4
179	18.9	15.3	22.9

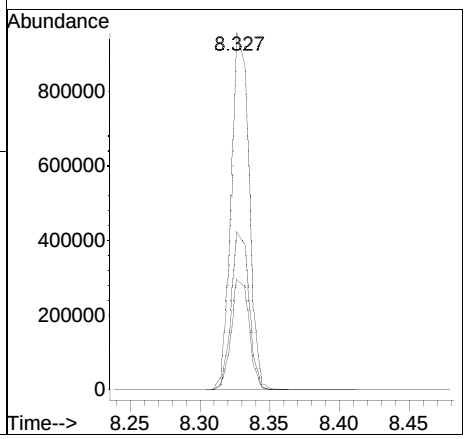


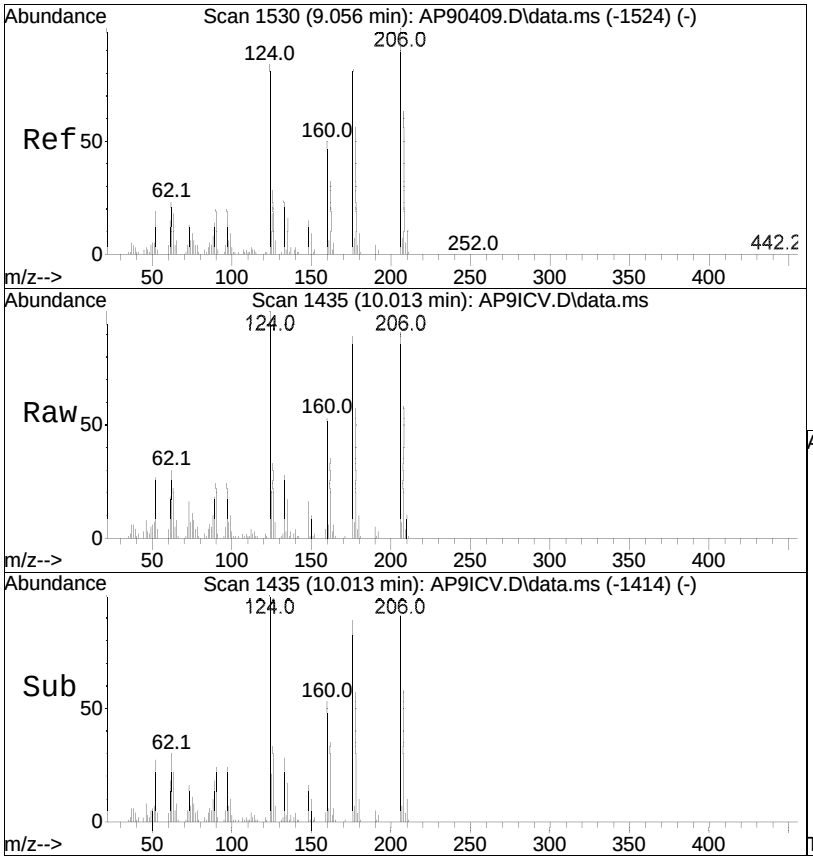


#62
Biphenyl
Concen: 52.27 ug/ml
RT: 8.327 min Scan# 1148
Delta R.T. 0.001 min
Lab File: AP9ICV.D
Acq: 1 Aug 2025 7:16 am

Tgt Ion:154 Resp: 851579

Ion	Ratio	Lower	Upper
154	100		
153	44.0	33.8	50.8
152	31.3	23.0	34.6

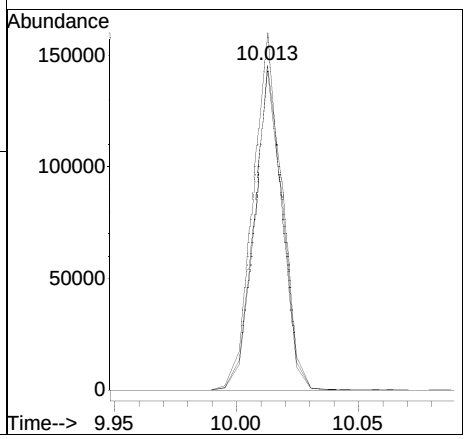


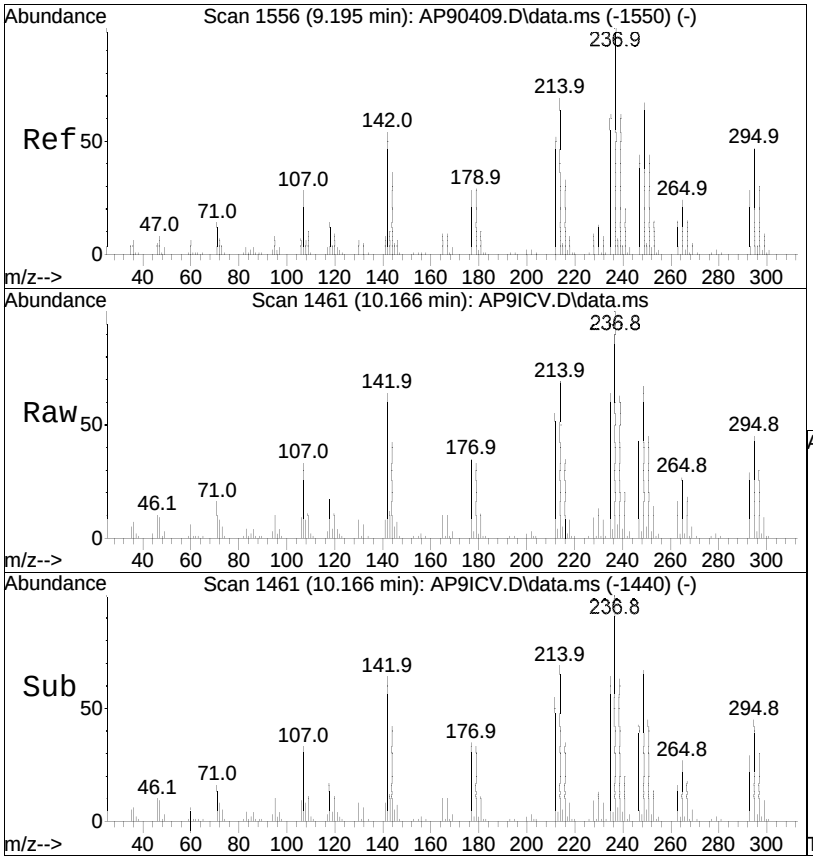


#84
Dichloran
Concen: 47.85 ug/ml
RT: 10.013 min Scan# 1435
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 1 Aug 2025 7:16 am

Tgt Ion:206 Resp: 117013

Ion	Ratio	Lower	Upper
206	100		
176	98.6	82.7	124.1
124	107.5	86.2	129.4

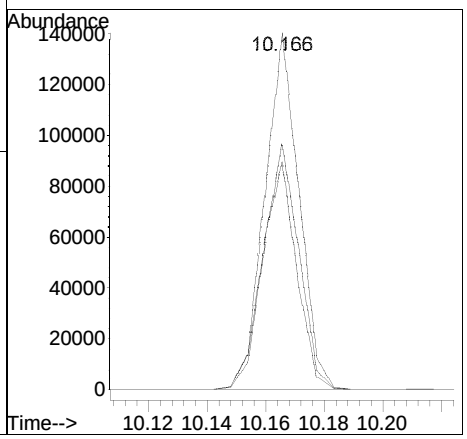


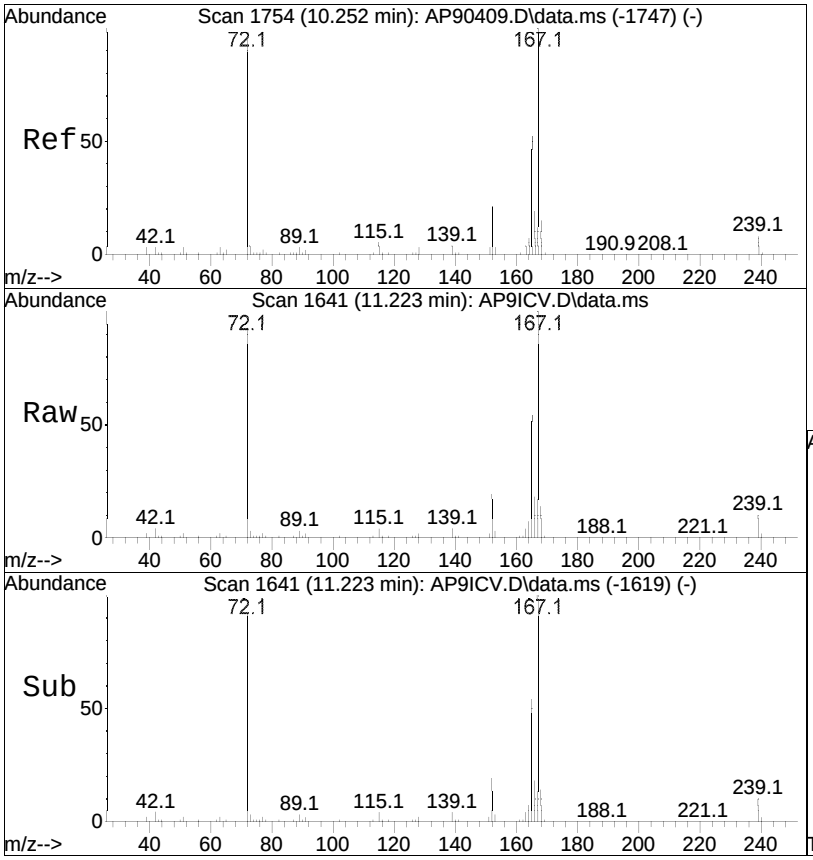


#85
Pentachloronitrobenzene
Concen: 53.56 ug/ml
RT: 10.166 min Scan# 1461
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 1 Aug 2025 7:16 am

Tgt Ion:237 Resp: 113396

Ion	Ratio	Lower	Upper
237	100		
142	64.7	57.4	86.2
214	70.6	55.0	82.6

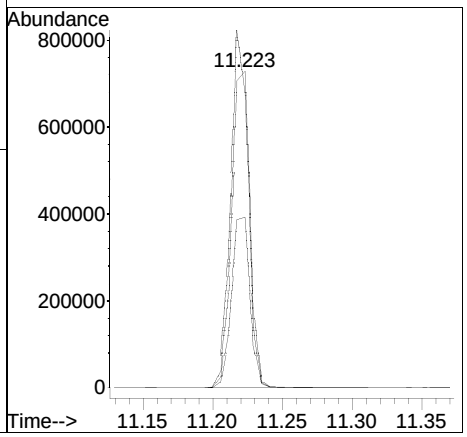




#99
Diphenamid
Concen: 58.70 ug/ml
RT: 11.223 min Scan# 1641
Delta R.T. 0.006 min
Lab File: AP9ICV.D
Acq: 1 Aug 2025 7:16 am

Tgt Ion:167 Resp: 662560

Ion	Ratio	Lower	Upper
167	100		
72	106.7	95.0	142.6
165	54.1	40.4	60.6



Manual Integration Report

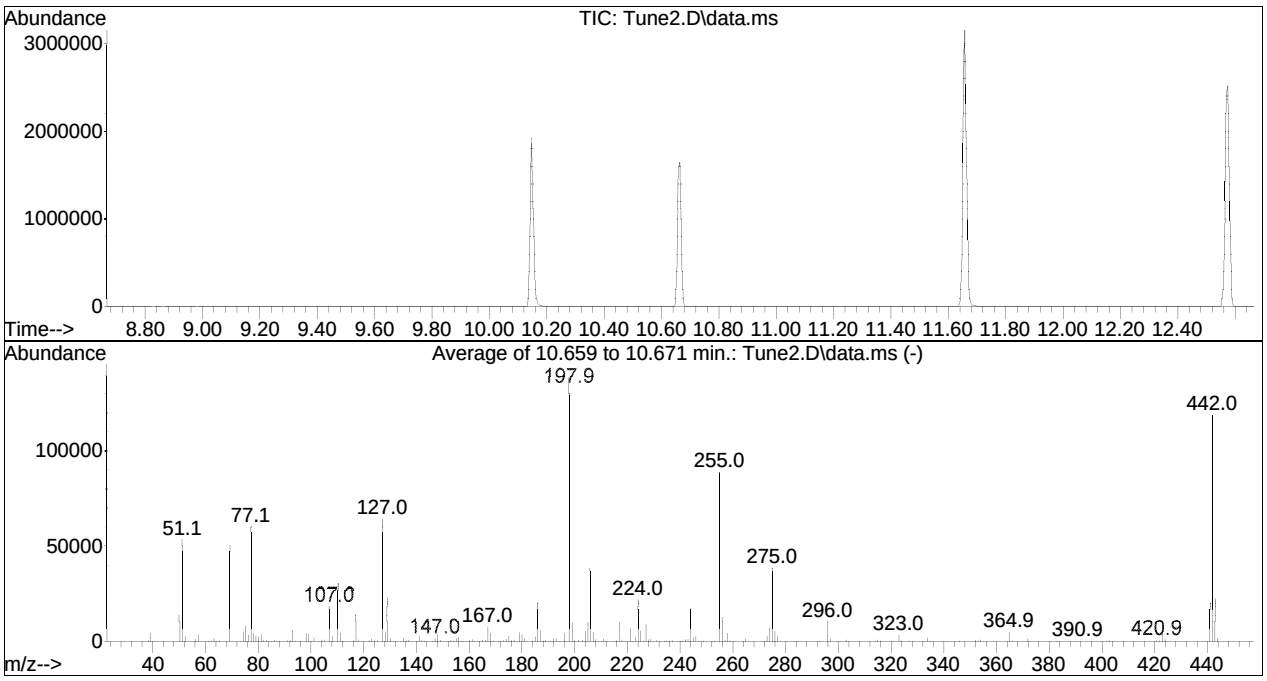
Data Path	: I:\8270\GCMS5\250731ICAL\	QMethod	: FS250731GCMS5.m
Data File	: AP9ICV.D	Operator	: GCMS5:cmm
Date Inj'd	: 8/1/2025 7:16 am	Instrument	: GCMS5
Sample	: CQICV2,32,,AP9 ICV Lot # 1	Quant Date	: 8/4/2025 6:17 am

There are no manual integrations or false positives in this file.

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : Tune2.D
Acq On : 1 Aug 2025 7:42 am
Operator : GCMS5:cmm
Sample : Tune 2 Lot # 11649
Misc : WG2098562,,
ALS Vial : 100 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Aug 04 06:17:25 2025



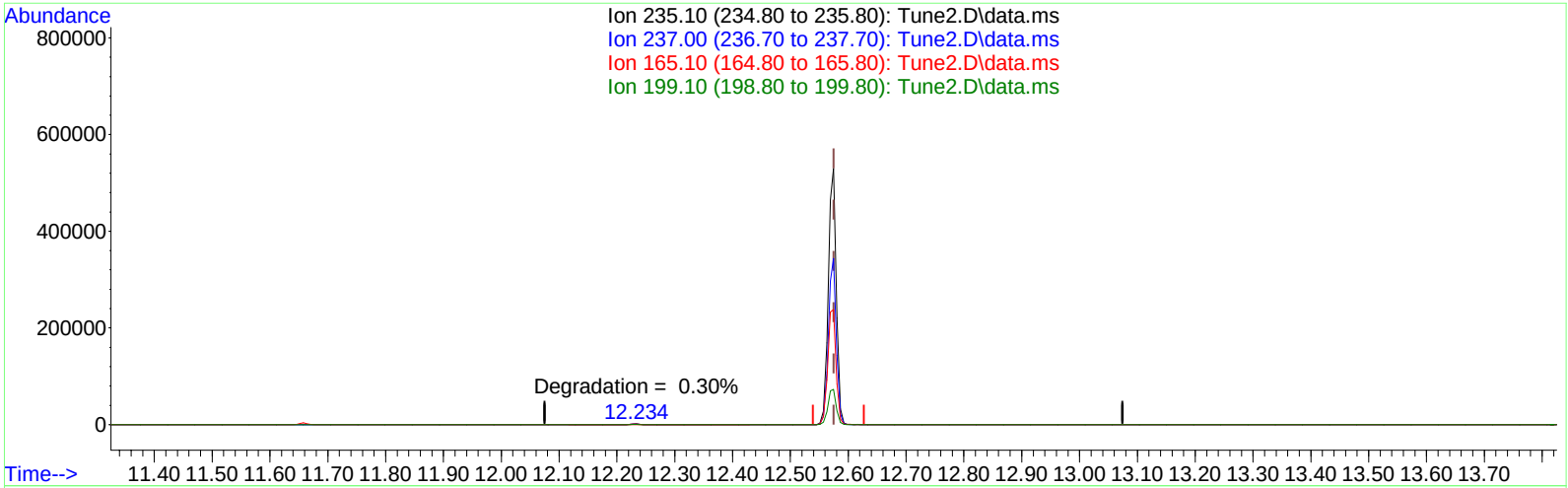
Spectrum Information: Average of 10.659 to 10.671 min.

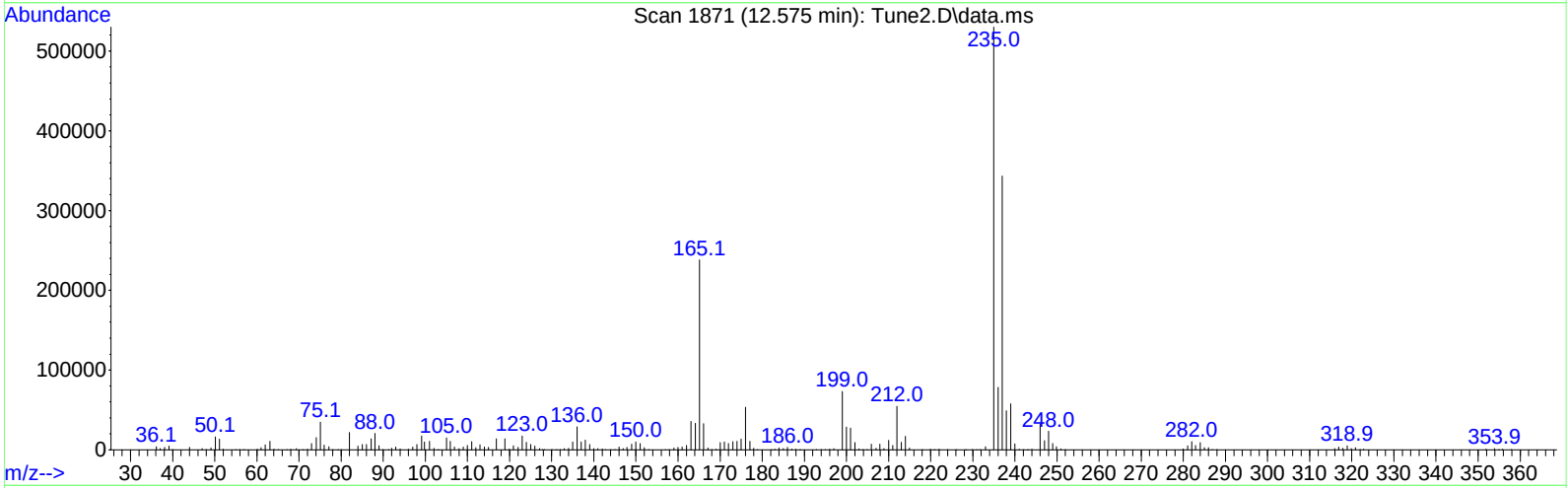
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	38.5	53351	PASS
68	69	0.00	2	0.2	84	PASS
69	69	100	100	100.0	50171	PASS
70	69	0.00	2	0.5	251	PASS
127	198	10	80	46.3	64077	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	138419	PASS
199	198	5	9	6.7	9286	PASS
275	198	10	60	27.7	38349	PASS
365	198	1	100	3.4	4638	PASS
441	442	0.01	24	17.1	20256	PASS
442	198	50	100	85.8	118752	PASS
443	442	15	24	19.0	22598	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : Tune2.D
Acq On : 1 Aug 2025 7:42 am
Operator : GCMS5:cmm
Sample : Tune 2 Lot # 11649
Misc : WG2098562,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Aug 04 06:18:18 2025
Quant Method : I:\8270\GCMS5\250731ICAL\DftppGCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 06:19:03 2025
Response via : Initial Calibration





TIC: Tune2.D\data.ms

(6) DDT (T)

12.575min (-0.000) 83.93

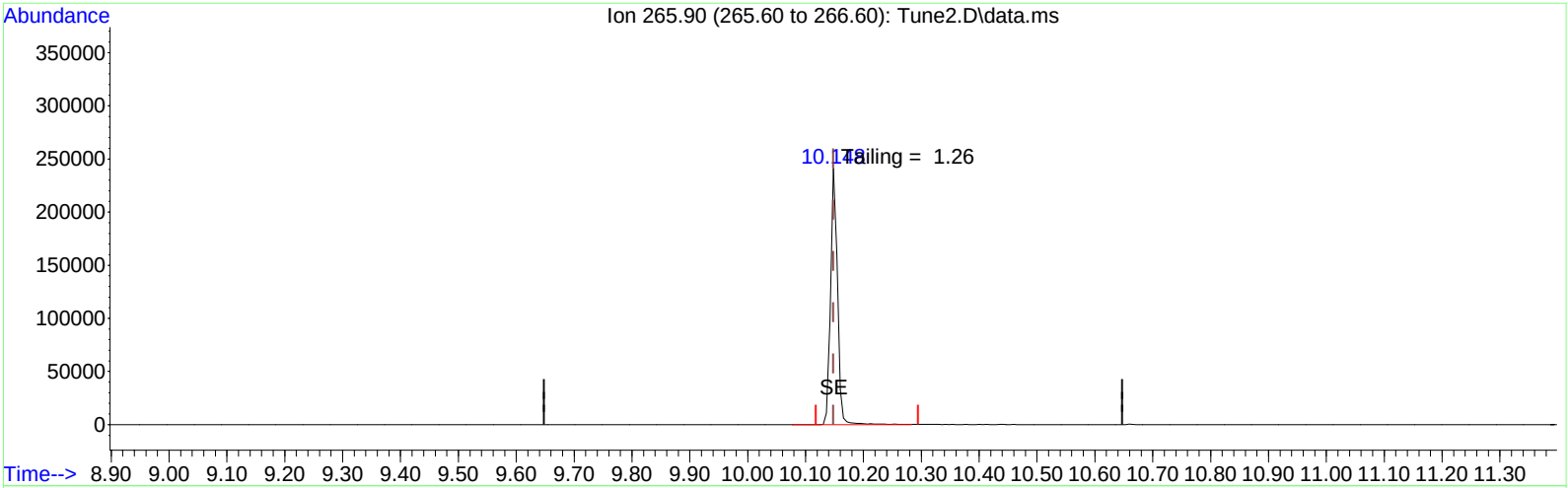
response 511614

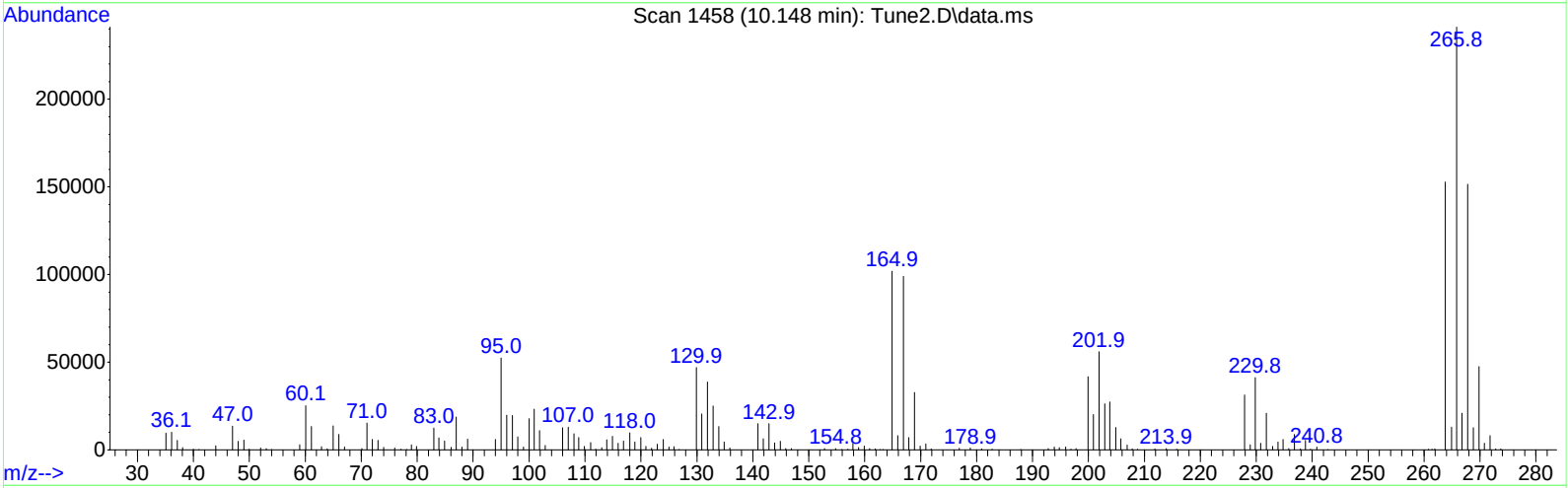
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	65.30	64.39
165.10	42.20	46.84
199.10	12.90	14.38

Quantitation Report (Qedit)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : Tune2.D
Acq On : 1 Aug 2025 7:42 am
Operator : GCMS5:cmm
Sample : Tune 2 Lot # 11649
Misc : WG2098562,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Aug 04 06:18:18 2025
Quant Method : I:\8270\GCMS5\250731ICAL\DftppGCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 06:19:03 2025
Response via : Initial Calibration





TIC: Tune2.D\data.ms

(1) Pentachlorophenol (T)

10.148min (0.000) 94.61

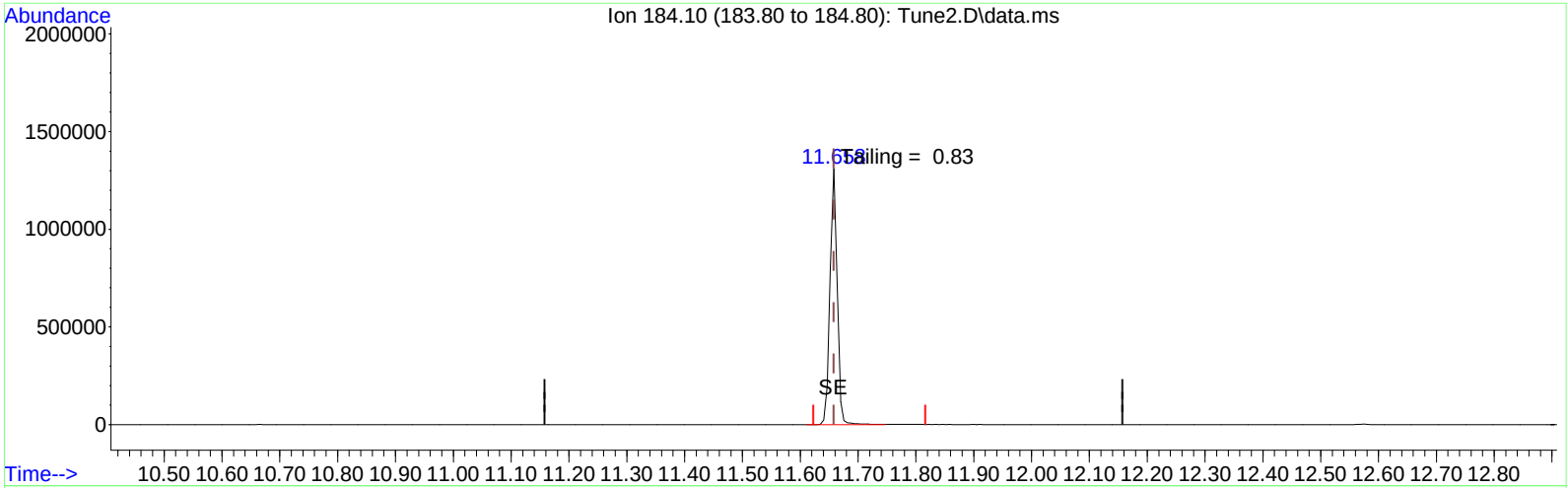
response 198714

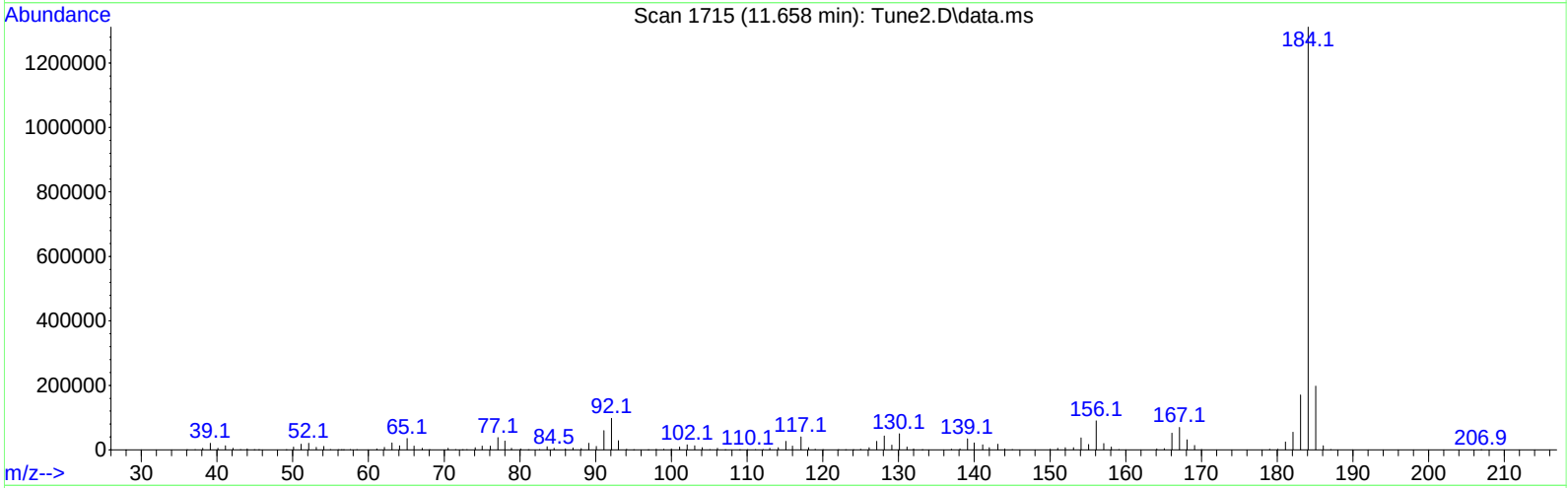
Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : Tune2.D
Acq On : 1 Aug 2025 7:42 am
Operator : GCMS5:cmm
Sample : Tune 2 Lot # 11649
Misc : WG2098562,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Aug 04 06:18:18 2025
Quant Method : I:\8270\GCMS5\250731ICAL\DftppGCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 06:19:03 2025
Response via : Initial Calibration





TIC: Tune2.D\data.ms

(3) Benzidine (T)

11.658min (+ 0.000) 111.83

response 1138407

Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ADPL10.D
Acq On : 1 Aug 2025 8:07 am
Operator : GCMS5:cmm
Sample : IL21,32,,ADPL200 Lot# 11736
Misc : WG2098562,,
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 04 06:00:41 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	5.818	152	184112	40.000	ug/ml	0.00
Standard Area 1 = 184902			Recovery = 99.57%			
86) IS3_Acenaphthene-d10	8.879	164	447607	40.000	ug/ml	0.00
Standard Area 1 = 447264			Recovery = 100.08%			
100) IS3_Phenanthrene-d10	10.324	188	981275	40.000	ug/ml	0.00
Standard Area 1 = 961921			Recovery = 102.01%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	2.022	88	401627	196.817	ug/ml#	82
34) n-Decane	5.706	57	1242501	211.660	ug/ml	98
87) Atrazine	10.095	200	1121842	205.647	ug/ml	95
101) n-Octadecane	10.283	57	2214544	240.937	ug/ml	98
102) Parathion	11.106	109	789554	197.842	ug/ml	96
103) 3,3'-Dimethylbenzidine	12.457	212	5488634	227.296	ug/ml	96

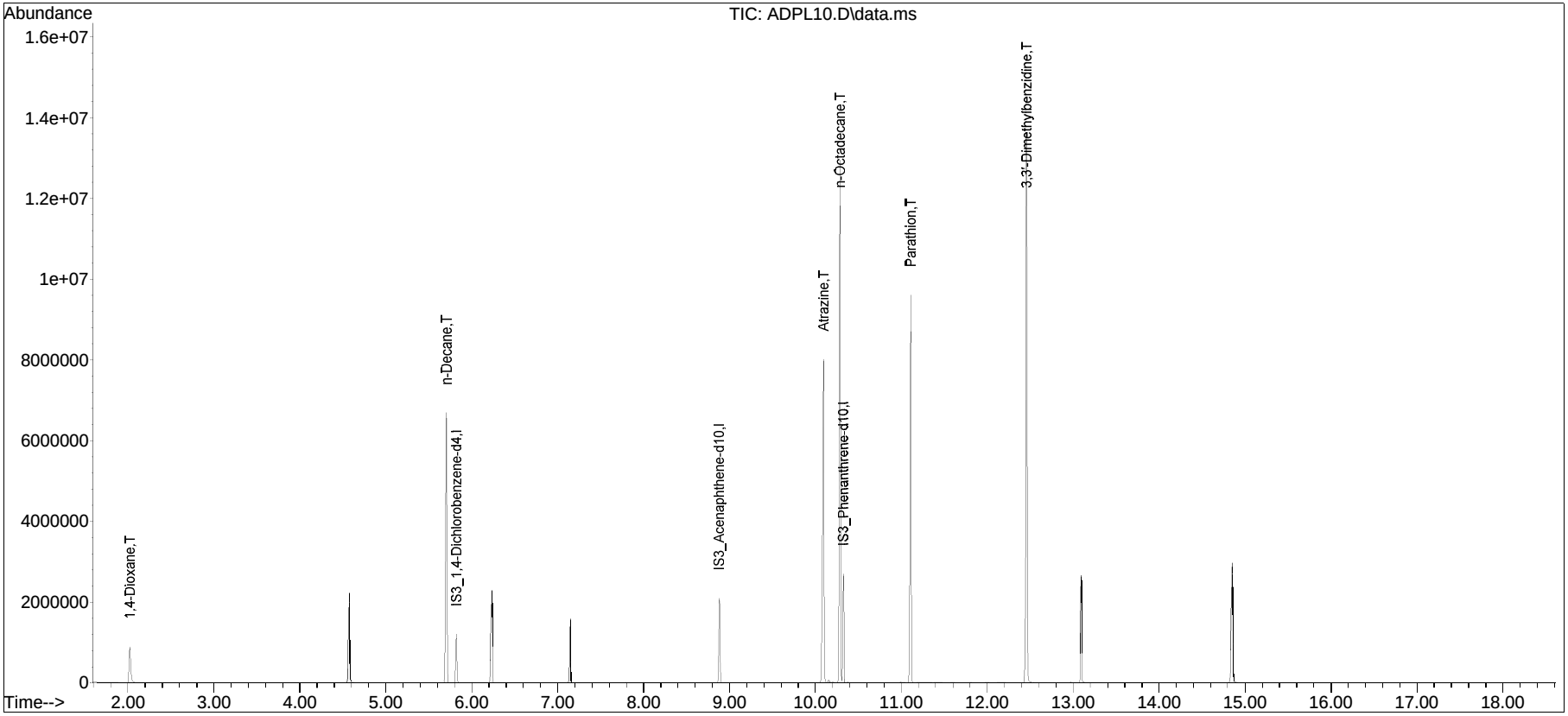
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ADPL10.D
Acq On : 1 Aug 2025 8:07 am
Operator : GCMS5:cmm
Sample : IL21,32,,ADPL200 Lot# 11736
Misc : WG2098562,,
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 04 06:00:41 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistAL\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\GCMS5\250731ICAL\	QMethod	: FS250731GCMS5.m
Data File	: ADPL10.D	Operator	: GCMS5:cmm
Date Inj'd	: 8/1/2025 8:07 am	Instrument	: GCMS5
Sample	: IL21,32,,ADPL200 Lot# 1173	Quant Date	: 8/4/2025 6:01 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ADPL9.D
Acq On : 1 Aug 2025 8:33 am
Operator : GCMS5:cmm
Sample : IL22,32,,ADPL150 Lot# 11737
Misc : WG2098562,,
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 04 06:02:04 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	5.818	152	190424	40.000	ug/ml	0.00
Standard Area 1 = 184902			Recovery = 102.99%			
86) IS3_Acenaphthene-d10	8.885	164	451787	40.000	ug/ml	0.00
Standard Area 1 = 447264			Recovery = 101.01%			
100) IS3_Phenanthrene-d10	10.324	188	975736	40.000	ug/ml	0.00
Standard Area 1 = 961921			Recovery = 101.44%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	2.022	88	303544	143.821	ug/ml#	81
34) n-Decane	5.706	57	944824	155.615	ug/ml	98
87) Atrazine	10.089	200	820687	149.513	ug/ml	95
101) n-Octadecane	10.283	57	1592979	174.296	ug/ml	98
102) Parathion	11.106	109	562565	151.864	ug/ml	96
103) 3,3'-Dimethylbenzidine	12.457	212	4155377	173.060	ug/ml	98

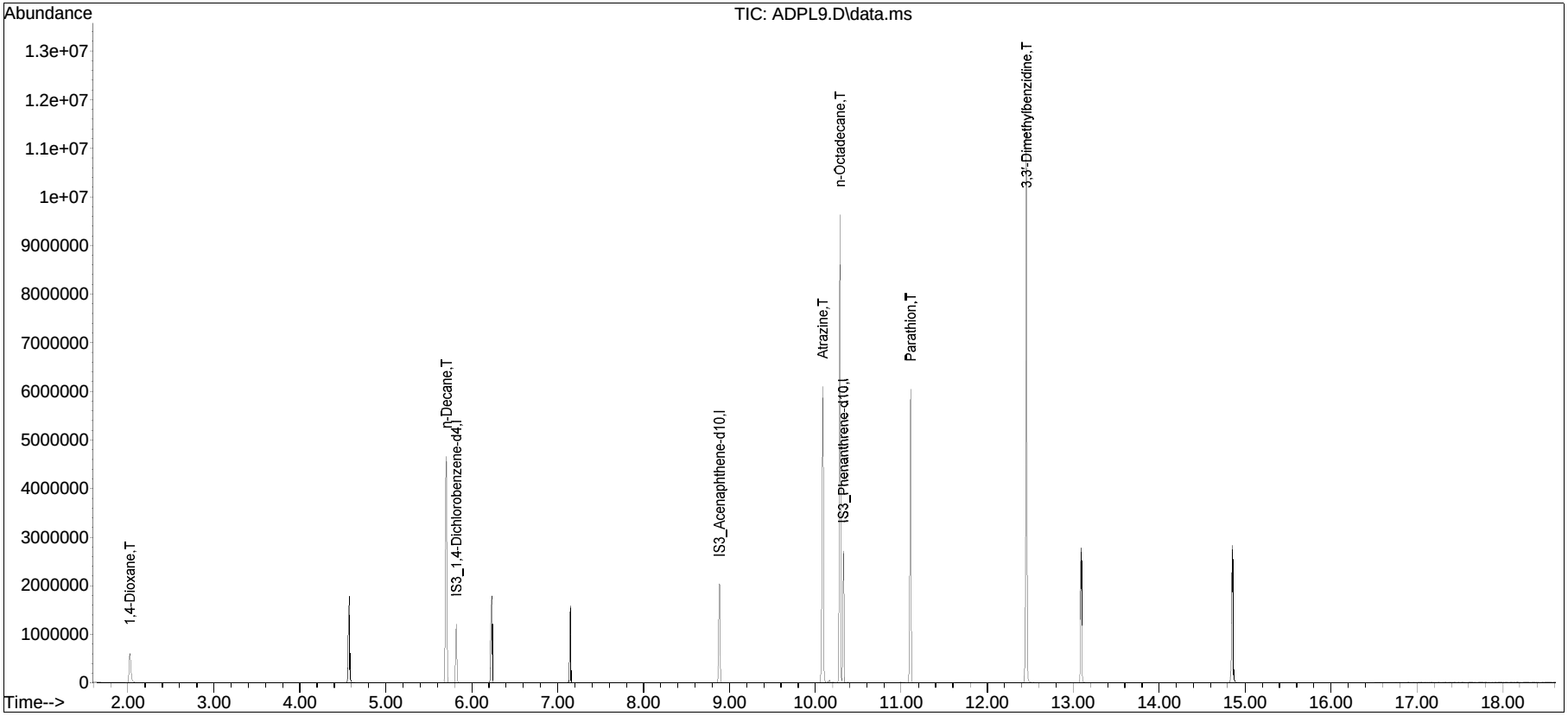
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ADPL9.D
Acq On : 1 Aug 2025 8:33 am
Operator : GCMS5:cmm
Sample : IL22,32,,ADPL150 Lot# 11737
Misc : WG2098562,,
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 04 06:02:04 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistAL\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\GCMS5\250731ICAL\	QMethod	: FS250731GCMS5.m
Data File	: ADPL9.D	Operator	: GCMS5:cmm
Date Inj'd	: 8/1/2025 8:33 am	Instrument	: GCMS5
Sample	: IL22,32,,ADPL150 Lot# 1173	Quant Date	: 8/4/2025 6:02 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ADPL8.D
Acq On : 1 Aug 2025 8:59 am
Operator : GCMS5:cmm
Sample : IL23,32,,ADPL100 Lot# 11738
Misc : WG2098562,,
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 04 06:01:53 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	5.818	152	189078	40.000	ug/ml	0.00
Standard Area 1 = 184902			Recovery = 102.26%			
86) IS3_Acenaphthene-d10	8.885	164	458088	40.000	ug/ml	0.00
Standard Area 1 = 447264			Recovery = 102.42%			
100) IS3_Phenanthrene-d10	10.324	188	1007105	40.000	ug/ml	0.00
Standard Area 1 = 961921			Recovery = 104.70%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	2.022	88	206749	98.656	ug/ml#	82
34) n-Decane	5.700	57	609200	101.051	ug/ml	97
87) Atrazine	10.089	200	553714	100.052	ug/ml	95
101) n-Octadecane	10.283	57	1049100	111.212	ug/ml	98
102) Parathion	11.100	109	363895	103.364	ug/ml	97
103) 3,3'-Dimethylbenzidine	12.451	212	2712062	109.432	ug/ml	98

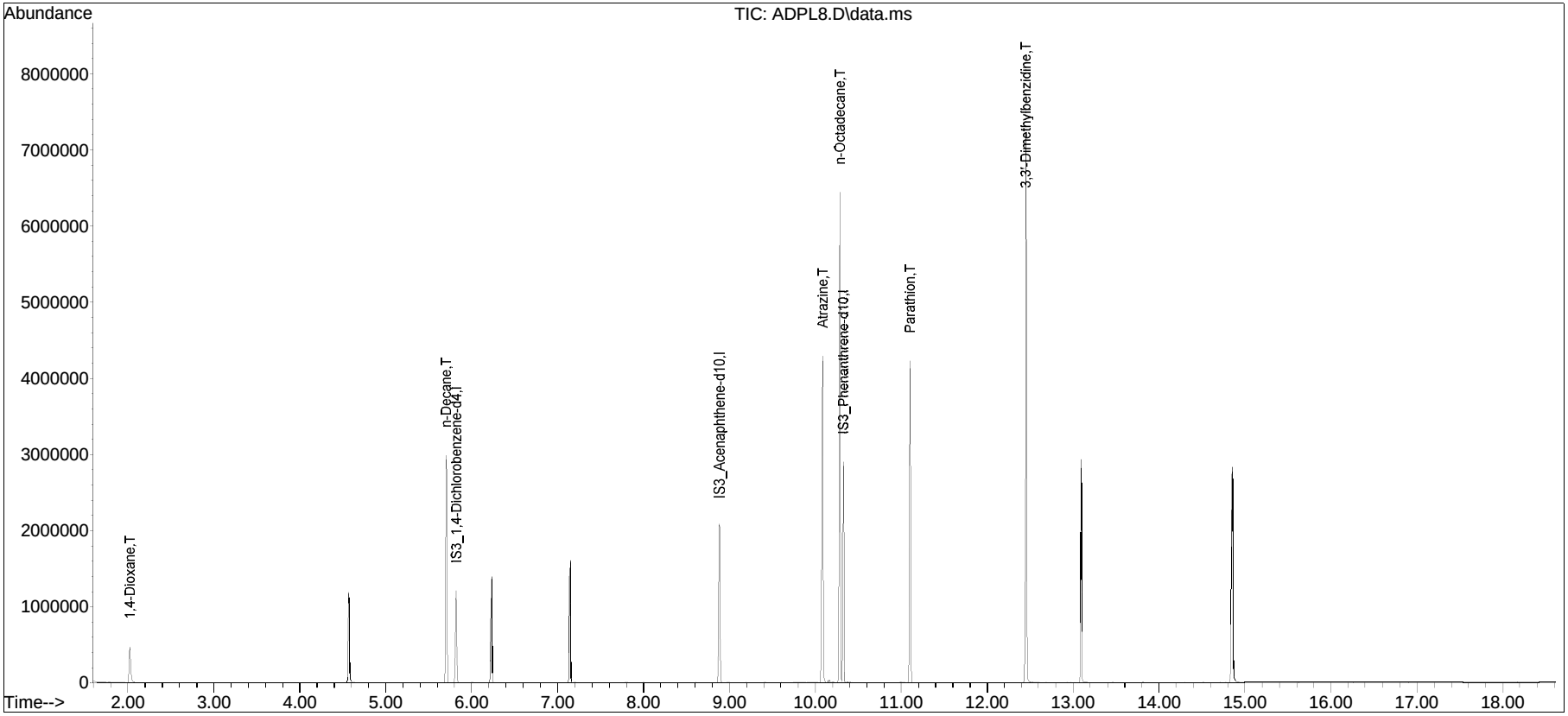
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ADPL8.D
Acq On : 1 Aug 2025 8:59 am
Operator : GCMS5:cmm
Sample : IL23,32,,ADPL100 Lot# 11738
Misc : WG2098562,,
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 04 06:01:53 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistAL\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\GCMS5\250731ICAL\	QMethod	: FS250731GCMS5.m
Data File	: ADPL8.D	Operator	: GCMS5:cmm
Date Inj'd	: 8/1/2025 8:59 am	Instrument	: GCMS5
Sample	: IL23,32,,ADPL100 Lot# 1173	Quant Date	: 8/4/2025 6:02 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ADPL7.D
Acq On : 1 Aug 2025 9:25 am
Operator : GCMS5:cmm
Sample : IL24,32,,ADPL50 Lot# 11739
Misc : WG2098562,,
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 04 06:01:42 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	5.818	152	184902	40.000	ug/ml	0.00
Standard Area 1 = 184902			Recovery = 100.00%			
86) IS3_Acenaphthene-d10	8.885	164	447264	40.000	ug/ml	0.00
Standard Area 1 = 447264			Recovery = 100.00%			
100) IS3_Phenanthrene-d10	10.324	188	961921	40.000	ug/ml	0.00
Standard Area 1 = 961921			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	2.022	88	98988	48.302	ug/ml#	81
34) n-Decane	5.700	57	287740	48.807	ug/ml	96
87) Atrazine	10.083	200	243129	45.921	ug/ml	95
101) n-Octadecane	10.283	57	473362	52.537	ug/ml	98
102) Parathion	11.100	109	142222	48.111	ug/ml	95
103) 3,3'-Dimethylbenzidine	12.451	212	1158898	48.958	ug/ml	98

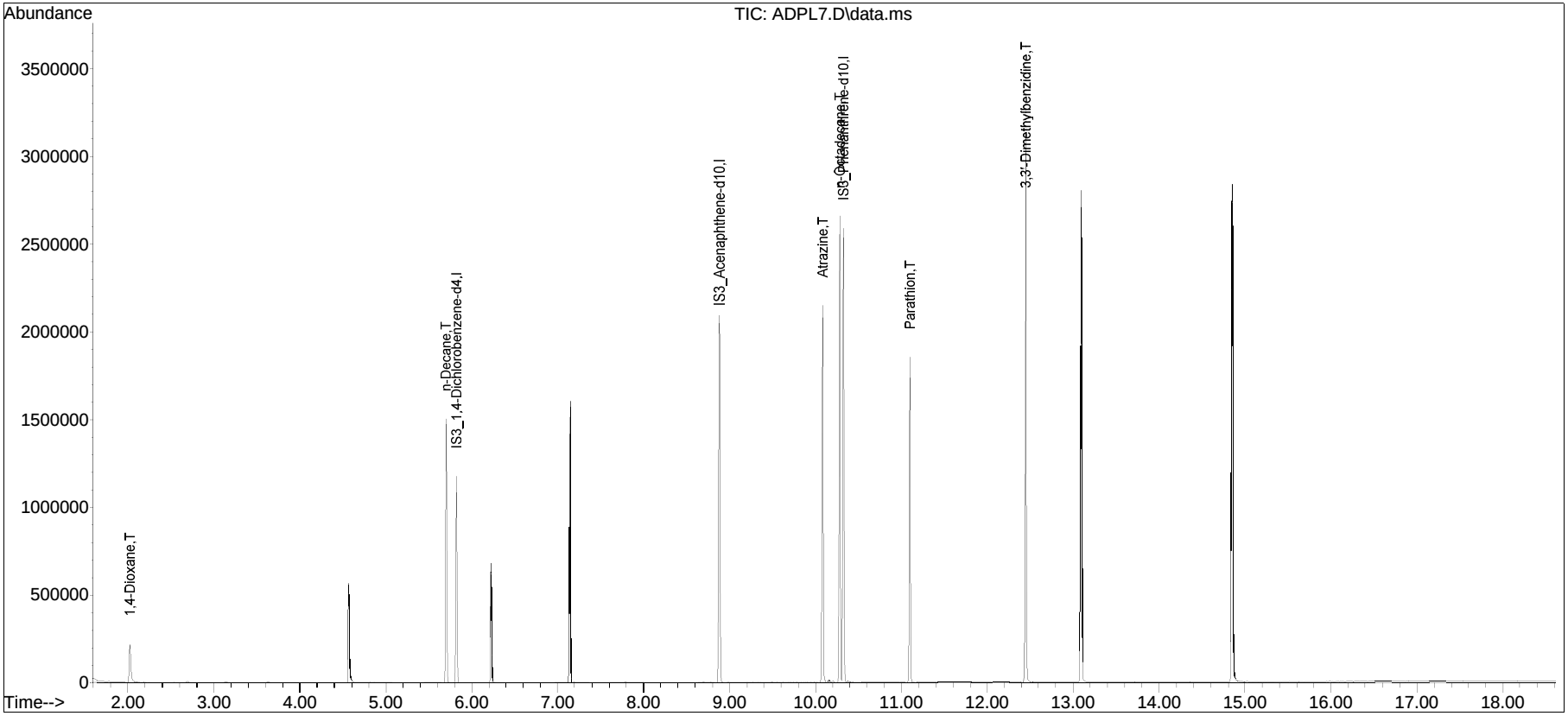
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ADPL7.D
Acq On : 1 Aug 2025 9:25 am
Operator : GCMS5:cmm
Sample : IL24,32,,ADPL50 Lot# 11739
Misc : WG2098562,,
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 04 06:01:42 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistAL\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\GCMS5\250731ICAL\	QMethod	: FS250731GCMS5.m
Data File	: ADPL7.D	Operator	: GCMS5:cmm
Date Inj'd	: 8/1/2025 9:25 am	Instrument	: GCMS5
Sample	: IL24,32,,ADPL50 Lot# 11739	Quant Date	: 8/4/2025 6:02 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ADPL6.D
Acq On : 1 Aug 2025 9:50 am
Operator : GCMS5:cmm
Sample : IL25,32,,ADPL25 Lot# 11740
Misc : WG2098562,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 04 06:01:32 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	5.818	152	175604	40.000	ug/ml	0.00
Standard Area 1 = 184902			Recovery =	94.97%		
86) IS3_Acenaphthene-d10	8.879	164	427484	40.000	ug/ml	0.00
Standard Area 1 = 447264			Recovery =	95.58%		
100) IS3_Phenanthrene-d10	10.324	188	935723	40.000	ug/ml	0.00
Standard Area 1 = 961921			Recovery =	97.28%		
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	2.022	88	50328	25.858	ug/ml#	82
34) n-Decane	5.700	57	141728	25.313	ug/ml	96
87) Atrazine	10.077	200	118490	24.241	ug/ml	95
101) n-Octadecane	10.283	57	234571	26.763	ug/ml	97
102) Parathion	11.100	109	60539	23.823	ug/ml	97
103) 3,3'-Dimethylbenzidine	12.445	212	540290	23.464	ug/ml	98

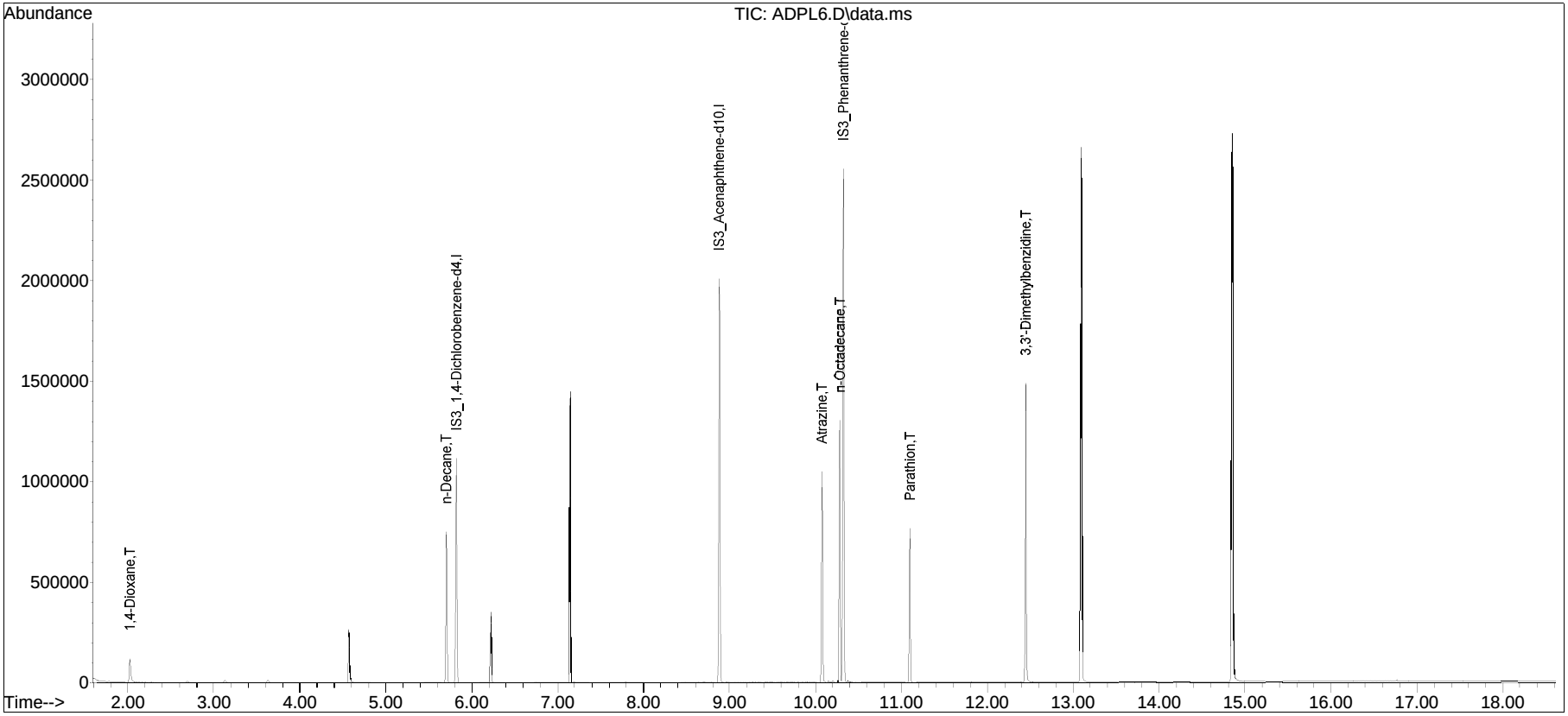
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ADPL6.D
Acq On : 1 Aug 2025 9:50 am
Operator : GCMS5:cmm
Sample : IL25,32,,ADPL25 Lot# 11740
Misc : WG2098562,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 04 06:01:32 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistAL\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\GCMS5\250731ICAL\	QMethod	: FS250731GCMS5.m
Data File	: ADPL6.D	Operator	: GCMS5:cmm
Date Inj'd	: 8/1/2025 9:50 am	Instrument	: GCMS5
Sample	: IL25,32,,ADPL25 Lot# 11740	Quant Date	: 8/4/2025 6:02 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ADPL5.D
Acq On : 1 Aug 2025 10:16 am
Operator : GCMS5:cmm
Sample : IL26,32,,ADPL10 Lot# 11741
Misc : WG2098562,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 04 06:01:22 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	5.818	152	189256	40.000	ug/ml	0.00
Standard Area 1 = 184902			Recovery = 102.35%			
86) IS3_Acenaphthene-d10	8.879	164	464826	40.000	ug/ml	0.00
Standard Area 1 = 447264			Recovery = 103.93%			
100) IS3_Phenanthrene-d10	10.324	188	984618	40.000	ug/ml	0.00
Standard Area 1 = 961921			Recovery = 102.36%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	2.022	88	19954	9.513	ug/ml#	81
34) n-Decane	5.700	57	56600	9.380	ug/ml	96
87) Atrazine	10.077	200	42414	9.110	ug/ml	95
101) n-Octadecane	10.283	57	86434	9.372	ug/ml	97
102) Parathion	11.100	109	16908	9.004	ug/ml	95
103) 3,3'-Dimethylbenzidine	12.445	212	169268	6.986	ug/ml	98

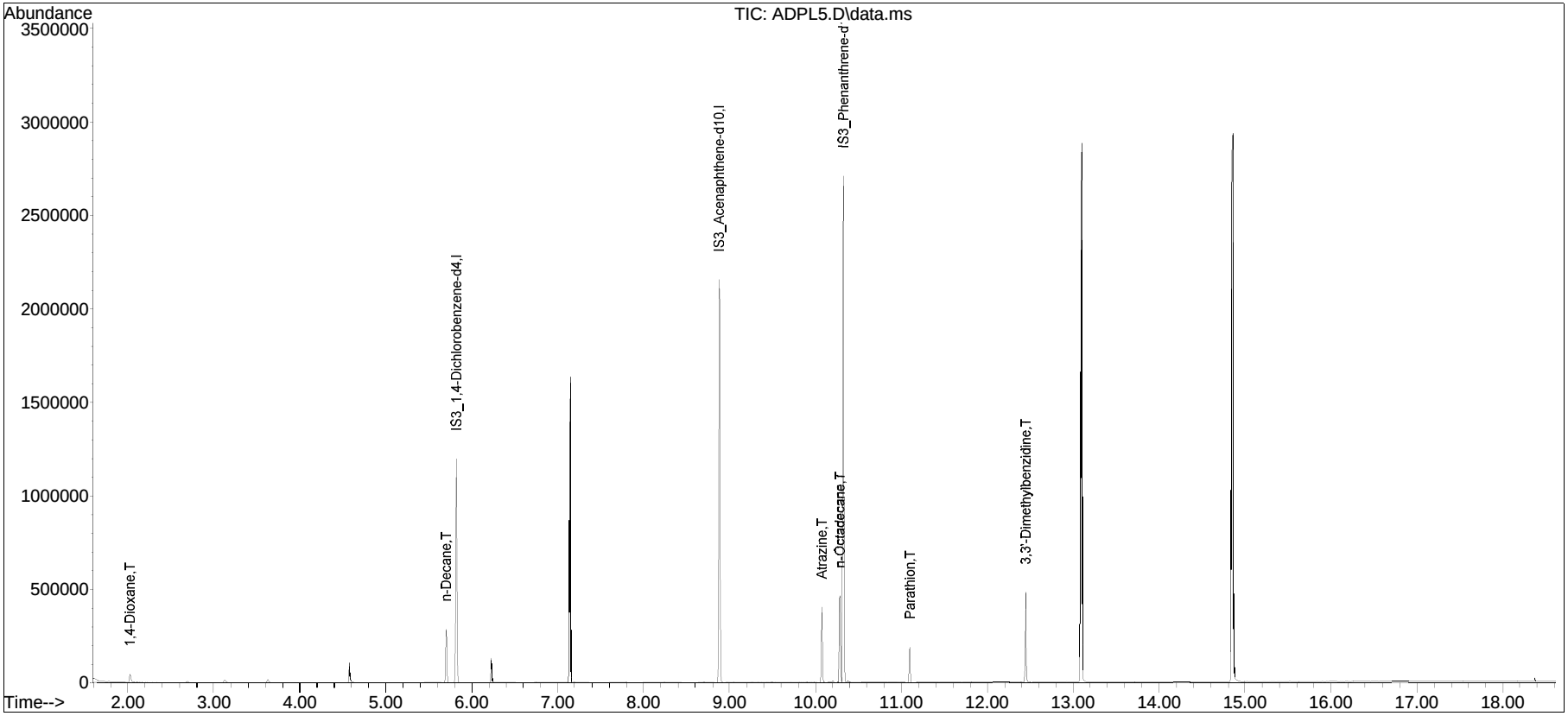
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ADPL5.D
Acq On : 1 Aug 2025 10:16 am
Operator : GCMS5:cmm
Sample : IL26,32,,ADPL10 Lot# 11741
Misc : WG2098562,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 04 06:01:22 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistAL\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\GCMS5\250731ICAL\	QMethod	: FS250731GCMS5.m
Data File	: ADPL5.D	Operator	: GCMS5:cmm
Date Inj'd	: 8/1/2025 10:16 am	Instrument	: GCMS5
Sample	: IL26,32,,ADPL10 Lot# 11741	Quant Date	: 8/4/2025 6:02 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ADPL4.D
Acq On : 1 Aug 2025 10:42 am
Operator : GCMS5:cmm
Sample : IL27,32,,ADPL5 Lot# 11742
Misc : WG2098562,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 04 06:01:12 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	5.818	152	168665	40.000	ug/ml	0.00
Standard Area 1 = 184902			Recovery =	91.22%		
86) IS3_Acenaphthene-d10	8.879	164	394179	40.000	ug/ml	0.00
Standard Area 1 = 447264			Recovery =	88.13%		
100) IS3_Phenanthrene-d10	10.324	188	835754	40.000	ug/ml	0.00
Standard Area 1 = 961921			Recovery =	86.88%		
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	2.028	88	9444	5.052	ug/ml#	82
34) n-Decane	5.700	57	26112	4.856	ug/ml	95
87) Atrazine	10.078	200	15938	4.974	ug/ml	96
101) n-Octadecane	10.277	57	33874	4.327	ug/ml	95
102) Parathion	11.094	109	5889	5.746	ug/ml	97
103) 3,3'-Dimethylbenzidine	12.445	212	57648	2.803	ug/ml	98

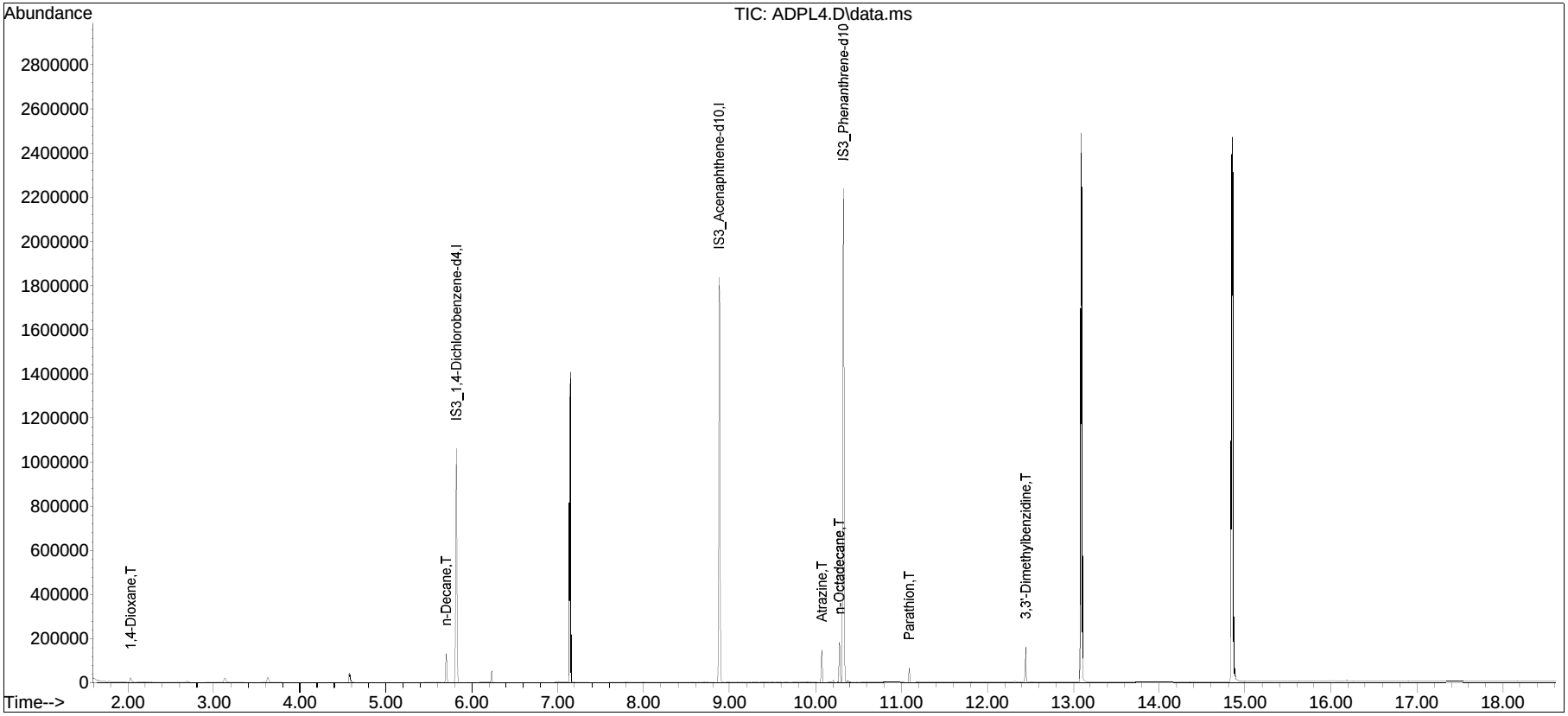
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ADPL4.D
Acq On : 1 Aug 2025 10:42 am
Operator : GCMS5:cmm
Sample : IL27,32,,ADPL5 Lot# 11742
Misc : WG2098562,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 04 06:01:12 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistAL\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\GCMS5\250731ICAL\	QMethod	: FS250731GCMS5.m
Data File	: ADPL4.D	Operator	: GCMS5:cmm
Date Inj'd	: 8/1/2025 10:42 am	Instrument	: GCMS5
Sample	: IL27,32,,ADPL5 Lot# 11742	Quant Date	: 8/4/2025 6:02 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ADPL3.D
Acq On : 1 Aug 2025 11:08 am
Operator : GCMS5:cmm
Sample : IL28,32,,ADPL3 Lot# 11743
Misc : WG2098562,,
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 04 06:01:01 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	5.818	152	180713	40.000	ug/ml	0.00
Standard Area 1 = 184902			Recovery =	97.73%		
86) IS3_Acenaphthene-d10	8.879	164	431030	40.000	ug/ml	0.00
Standard Area 1 = 447264			Recovery =	96.37%		
100) IS3_Phenanthrene-d10	10.324	188	909157	40.000	ug/ml	0.00
Standard Area 1 = 961921			Recovery =	94.51%		
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	2.028	88	5882	2.937	ug/ml#	84
34) n-Decane	5.700	57	16995	2.950	ug/ml	97
87) Atrazine	10.078	200	9841	3.542	ug/ml	95
101) n-Octadecane	10.283	57	20608	2.420	ug/ml	95
102) Parathion	11.094	109	3250	4.620	ug/ml	87
103) 3,3'-Dimethylbenzidine	12.445	212	31744	1.419	ug/ml	98

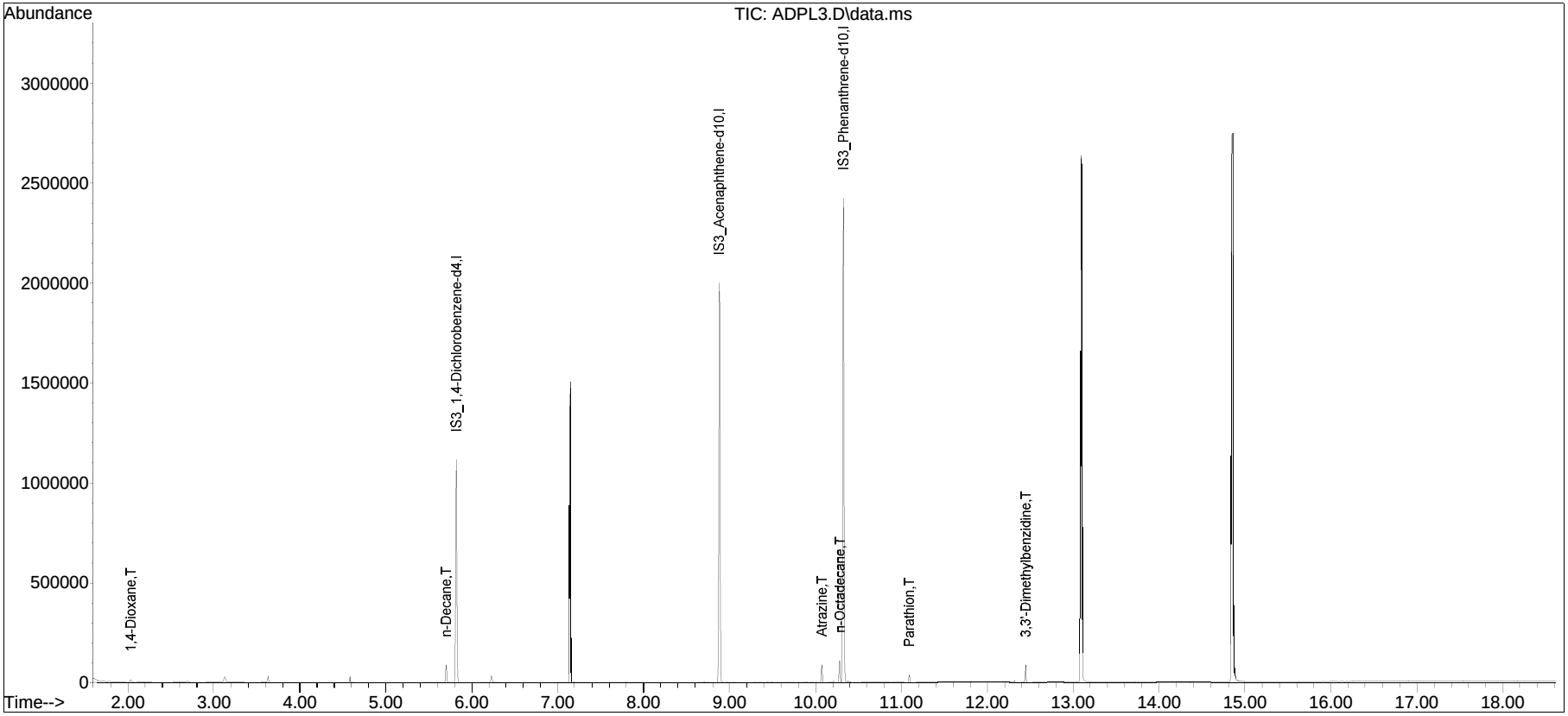
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ADPL3.D
Acq On : 1 Aug 2025 11:08 am
Operator : GCMS5:cmm
Sample : IL28,32,,ADPL3 Lot# 11743
Misc : WG2098562,,
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 04 06:01:01 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistAL\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\GCMS5\250731ICAL\	QMethod	: FS250731GCMS5.m
Data File	: ADPL3.D	Operator	: GCMS5:cmm
Date Inj'd	: 8/1/2025 11:08 am	Instrument	: GCMS5
Sample	: IL28,32,,ADPL3 Lot# 11743	Quant Date	: 8/4/2025 6:01 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ADPL2.D
Acq On : 1 Aug 2025 11:33 am
Operator : GCMS5:cmm
Sample : IL29,32,,ADPL2 Lot# 11744
Misc : WG2098562,,
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 04 06:00:51 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	5.818	152	170071	40.000	ug/ml	0.00
Standard Area 1 = 184902			Recovery =	91.98%		
86) IS3_Acenaphthene-d10	8.879	164	392252	40.000	ug/ml	0.00
Standard Area 1 = 447264			Recovery =	87.70%		
100) IS3_Phenanthrene-d10	10.324	188	804791	40.000	ug/ml	0.00
Standard Area 1 = 961921			Recovery =	83.66%		
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	2.034	88	3937	2.089	ug/ml#	88
34) n-Decane	5.700	57	10426	1.923	ug/ml	93
87) Atrazine	10.078	200	5928	2.914	ug/ml	95
101) n-Octadecane	10.283	57	11925	1.582	ug/ml	98
102) Parathion	11.094	109	1825	4.195	ug/ml#	82
103) 3,3'-Dimethylbenzidine	12.445	212	14418	0.728	ug/ml	99

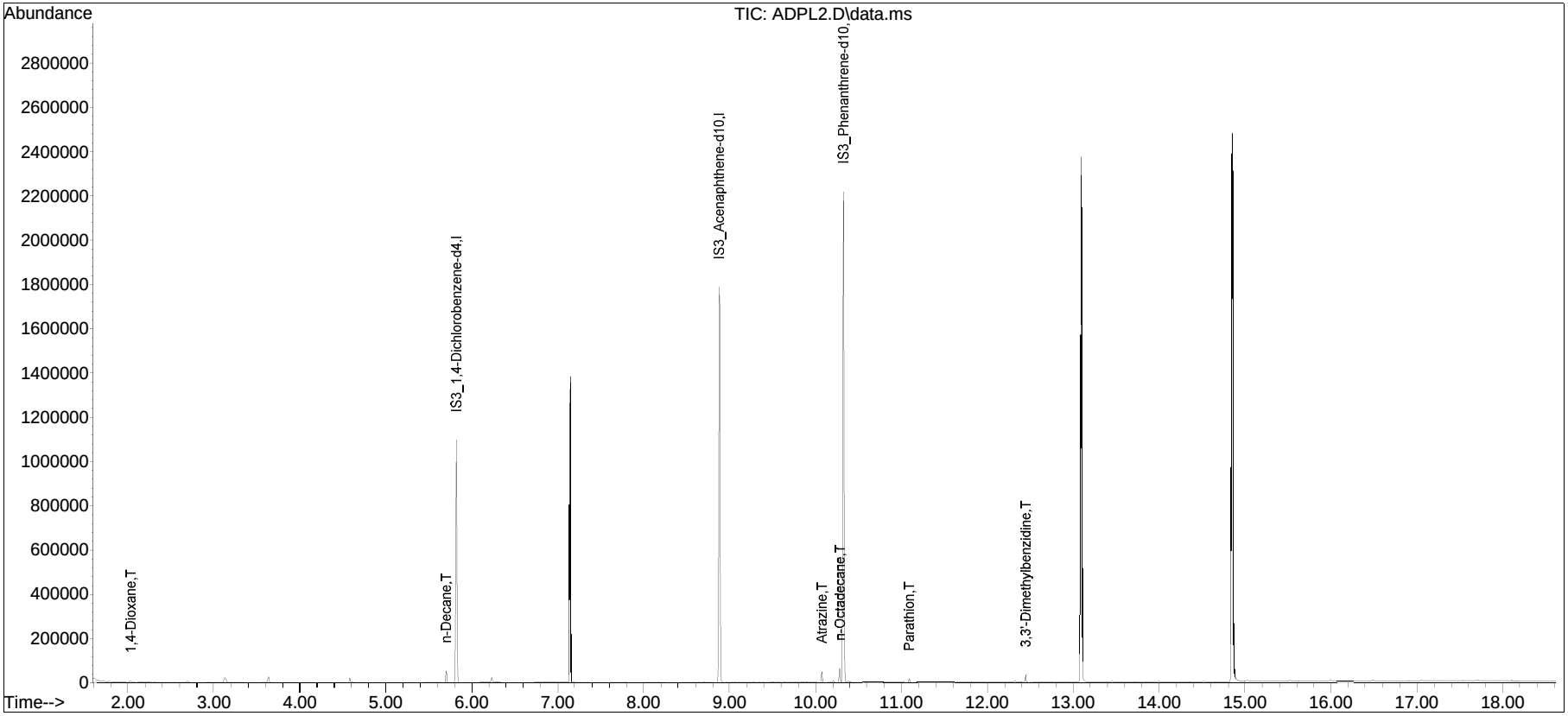
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ADPL2.D
Acq On : 1 Aug 2025 11:33 am
Operator : GCMS5:cmm
Sample : IL29,32,,ADPL2 Lot# 11744
Misc : WG2098562,,
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 04 06:00:51 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistAL\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\GCMS5\250731ICAL\	QMethod	: FS250731GCMS5.m
Data File	: ADPL2.D	Operator	: GCMS5:cmm
Date Inj'd	: 8/1/2025 11:33 am	Instrument	: GCMS5
Sample	: IL29,32,,ADPL2 Lot# 11744	Quant Date	: 8/4/2025 6:01 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ADPL1.D
Acq On : 1 Aug 2025 11:59 am
Operator : GCMS5:cmm
Sample : IL30,32,,ADPL1 Lot# 11745
Misc : WG2098562,,
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 04 06:00:31 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	5.818	152	186545	40.000	ug/ml	0.00
Standard Area 1 = 184902			Recovery = 100.89%			
86) IS3_Acenaphthene-d10	8.879	164	430189	40.000	ug/ml	0.00
Standard Area 1 = 447264			Recovery = 96.18%			
100) IS3_Phenanthrene-d10	10.324	188	902160	40.000	ug/ml	0.00
Standard Area 1 = 961921			Recovery = 93.79%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	2.034	88	1122	0.543	ug/ml#	69
34) n-Decane	5.700	57	3127	0.526	ug/ml	96
87) Atrazine	10.077	200	1667	1.999	ug/ml	93
101) n-Octadecane	10.277	57	3333	0.394	ug/ml	92
102) Parathion	11.094	109	563	3.659	ug/ml#	74
103) 3,3'-Dimethylbenzidine	12.445	212	1651	0.074	ug/ml#	61

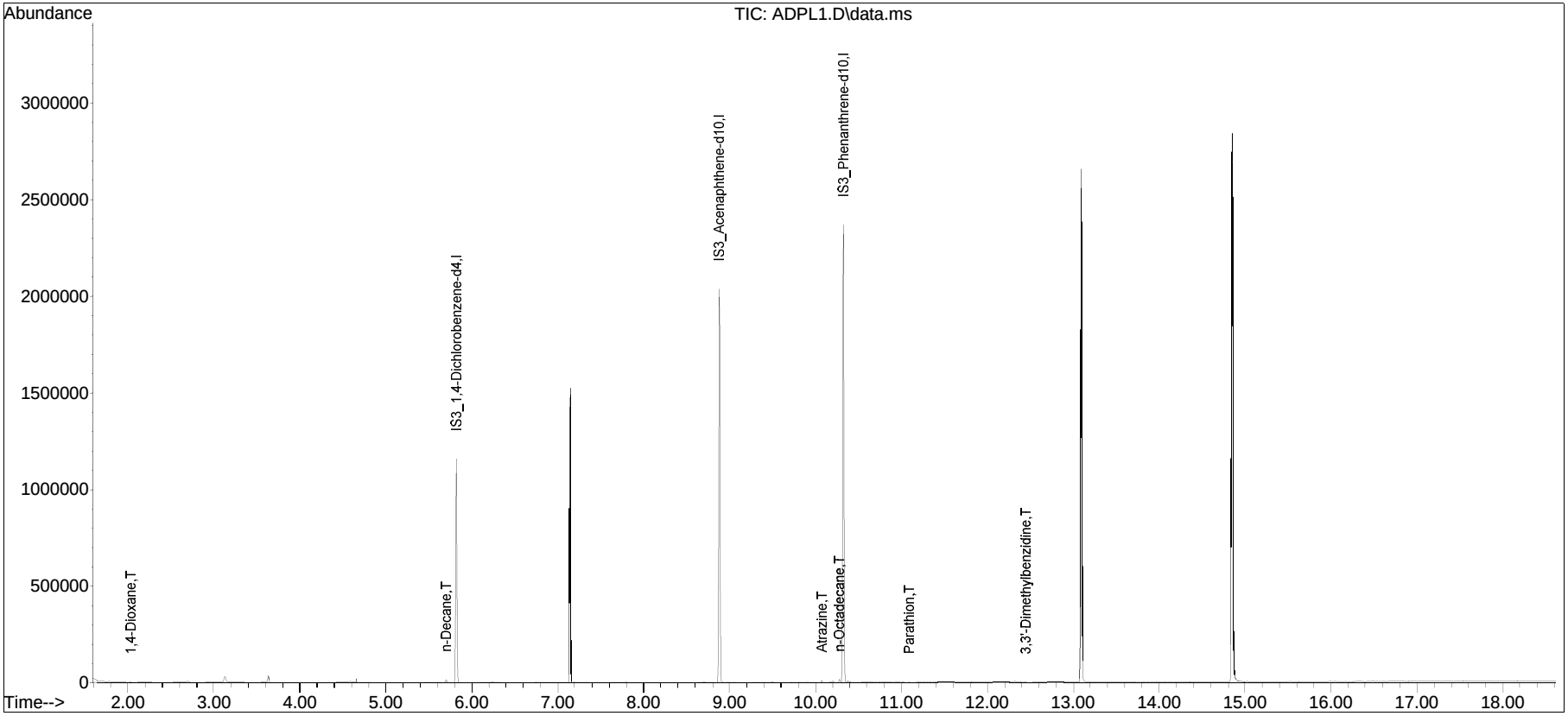
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ADPL1.D
Acq On : 1 Aug 2025 11:59 am
Operator : GCMS5:cmm
Sample : IL30,32,,ADPL1 Lot# 11745
Misc : WG2098562,,
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Aug 04 06:00:31 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistAL\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\GCMS5\250731ICAL\	QMethod	: FS250731GCMS5.m
Data File	: ADPL1.D	Operator	: GCMS5:cmm
Date Inj'd	: 8/1/2025 11:59 am	Instrument	: GCMS5
Sample	: IL30,32,,ADPL1 Lot# 11745	Quant Date	: 8/4/2025 6:01 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ADPICV.D
Acq On : 1 Aug 2025 12:25 pm
Operator : GCMS5:cmm
Sample : CQICV3,32,,ADP ICV Lot # 11337
Misc : WG2098562,,
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 04 06:00:21 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
32	I	IS3_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	97	0.00
33	T	1,4-Dioxane		0.443	0.439	0.9	99	0.00
34	T	n-Decane		1.275	1.273	0.2	99	0.00
86	I	IS3_Acenaphthene-d10		1.000	1.000	0.0	97	0.00
87	T	Atrazine	*	50.000	47.103	5.8	99	0.00
100	I	IS3_Phenanthrene-d10		1.000	1.000	0.0	96	0.00
101	T	n-Octadecane		0.375	0.408	-8.8	100	0.00
102	T	Parathion	*	50.000	44.968	10.1	89	0.00
103	T	3,3'-Dimethylbenzidine		0.984	1.020	-3.7	102	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ADPICV.D
Acq On : 1 Aug 2025 12:25 pm
Operator : GCMS5:cmm
Sample : CQICV3,32,,ADP ICV Lot # 11337
Misc : WG2098562,,
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 04 06:00:21 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\250731ICAL\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	5.818	152	178479	40.000	ug/ml	0.00
Standard Area 1 = 184902			Recovery =	96.53%		
86) IS3_Acenaphthene-d10	8.885	164	433143	40.000	ug/ml	0.00
Standard Area 1 = 447264			Recovery =	96.84%		
100) IS3_Phenanthrene-d10	10.324	188	925095	40.000	ug/ml	0.00
Standard Area 1 = 961921			Recovery =	96.17%		
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	2.022	88	97911	49.496	ug/ml#	83
34) n-Decane	5.700	57	283897	49.888	ug/ml	97
87) Atrazine	10.083	200	241745	47.103	ug/ml	95
101) n-Octadecane	10.283	57	472303	54.506	ug/ml	98
102) Parathion	11.100	109	126483	44.968	ug/ml	97
103) 3,3'-Dimethylbenzidine	12.451	212	1179341	51.805	ug/ml	98

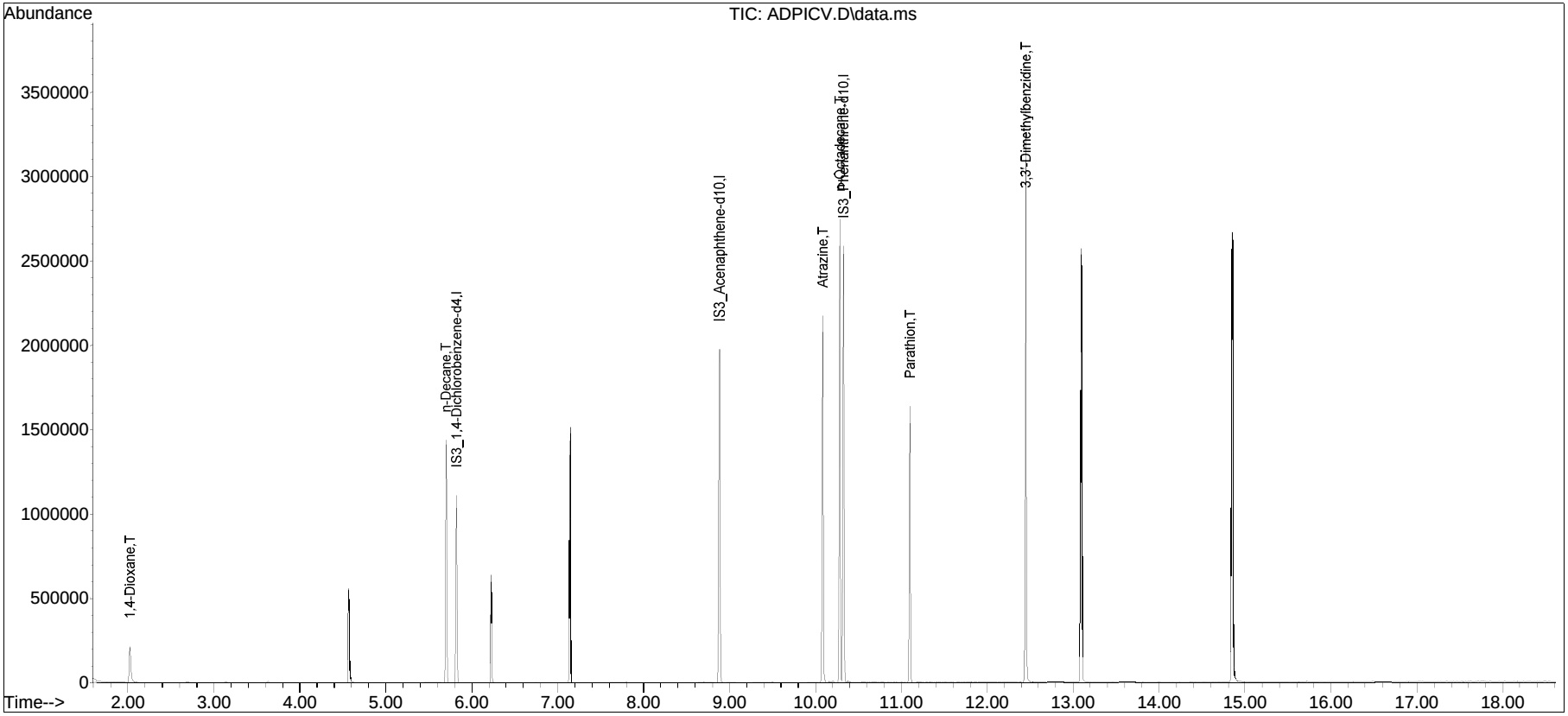
(#) = qualifier out of range (m) = manual integration (+) = signals summed

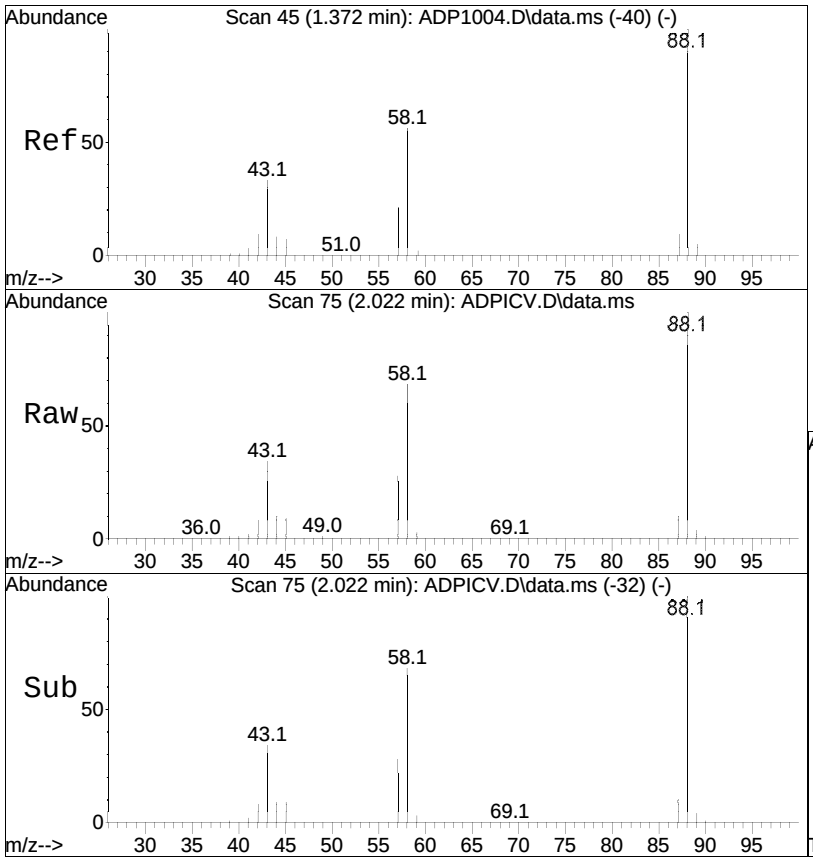
Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\250731ICAL\
Data File : ADPICV.D
Acq On : 1 Aug 2025 12:25 pm
Operator : GCMS5:cmm
Sample : CQICV3,32,,ADP ICV Lot # 11337
Misc : WG2098562,,
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 04 06:00:21 2025
Quant Method : I:\8270\GCMS5\250731ICAL\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Aug 04 05:59:05 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistAL\ADPL7.D•

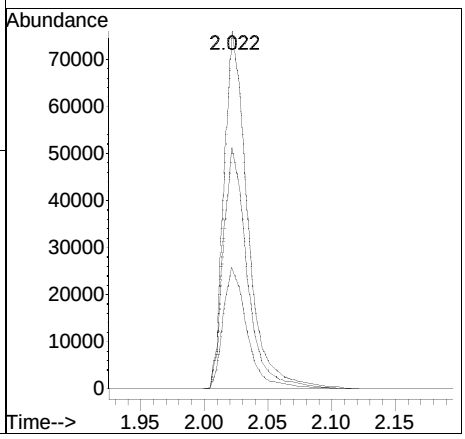


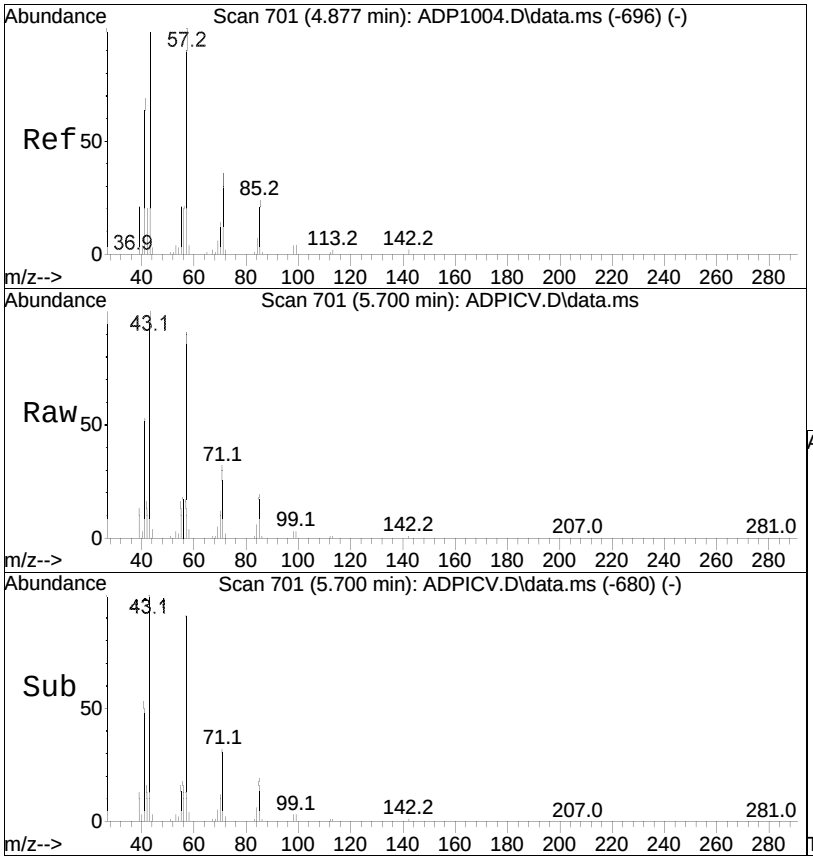


#33
1,4-Dioxane
Concen: 49.50 ug/ml
RT: 2.022 min Scan# 75
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 1 Aug 2025 12:25 pm

Tgt Ion: 88 Resp: 97911

Ion	Ratio	Lower	Upper
88	100		
58	68.0	44.8	67.2#
43	34.7	20.8	31.2#

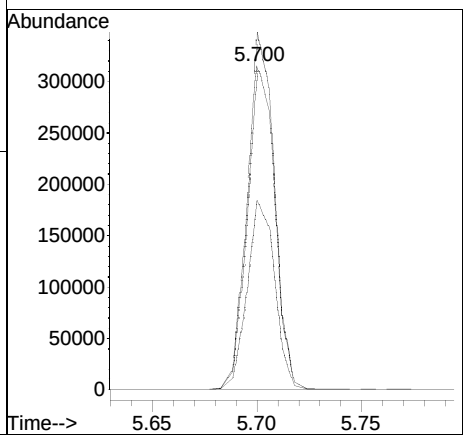


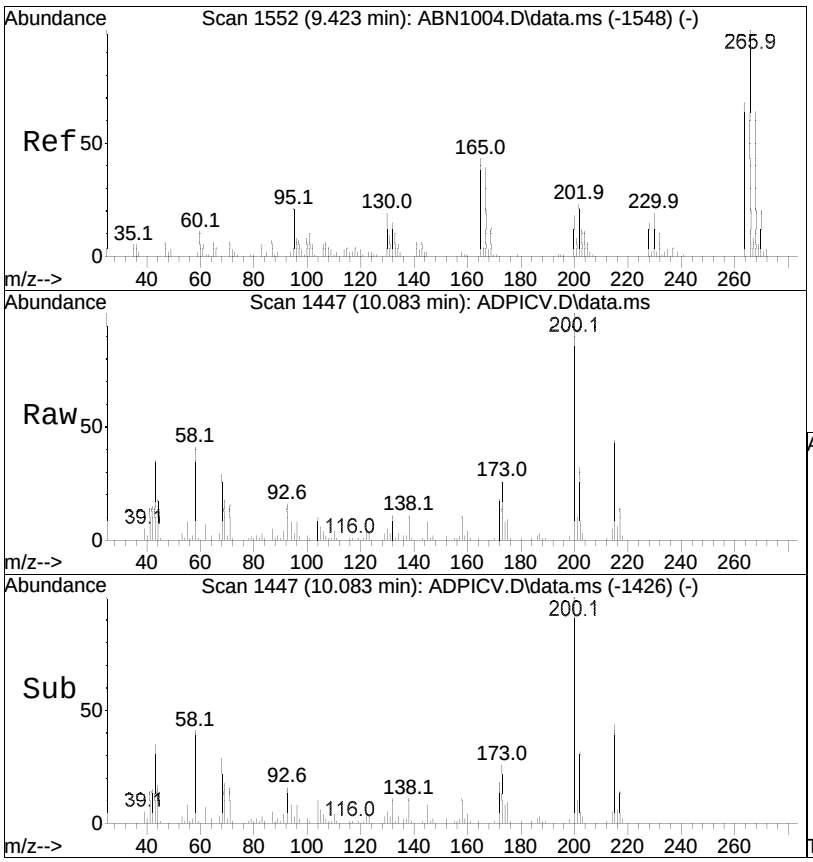


#34
n-Decane
Concen: 49.89 ug/ml
RT: 5.700 min Scan# 701
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 1 Aug 2025 12:25 pm

Tgt Ion: 57 Resp: 283897

Ion	Ratio	Lower	Upper
57	100		
43	109.1	84.2	126.2
41	58.7	45.8	68.8

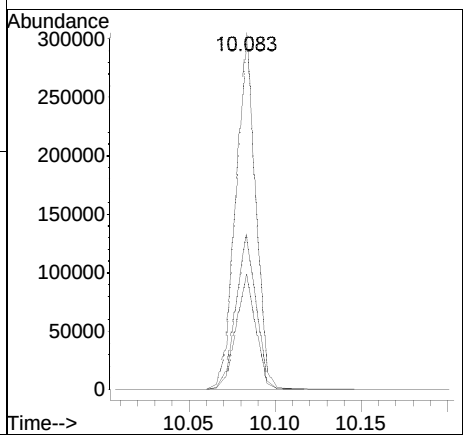


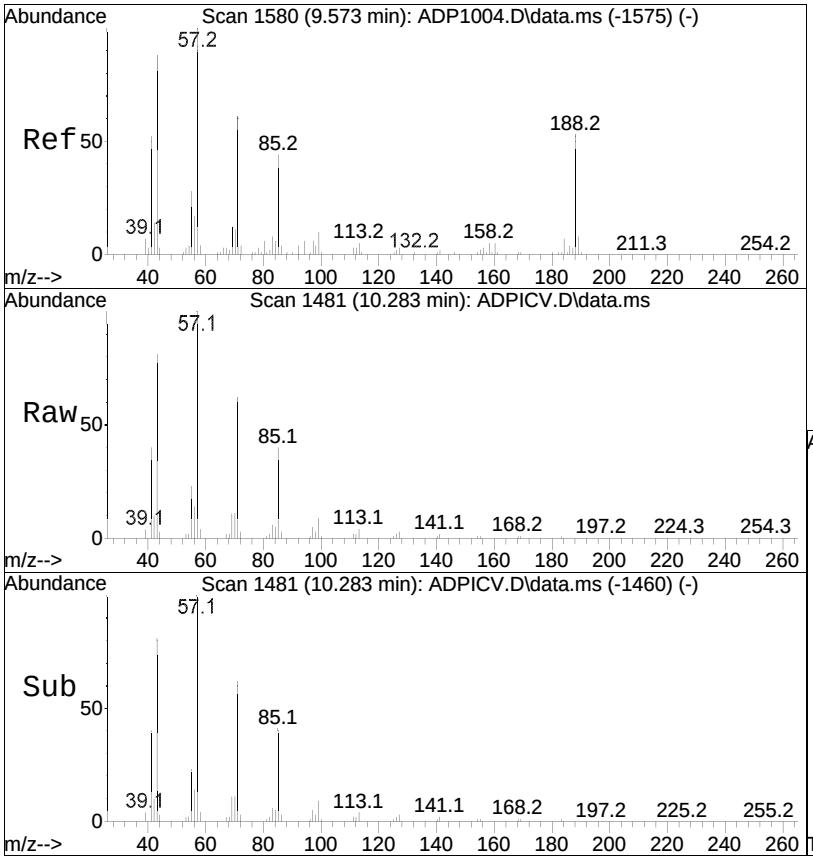


#87
Atrazine
Concen: 47.10 ug/ml
RT: 10.083 min Scan# 1447
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 1 Aug 2025 12:25 pm

Tgt Ion:200 Resp: 241745

Ion	Ratio	Lower	Upper
200	100		
202	32.4	25.8	38.8
215	44.5	40.3	60.5

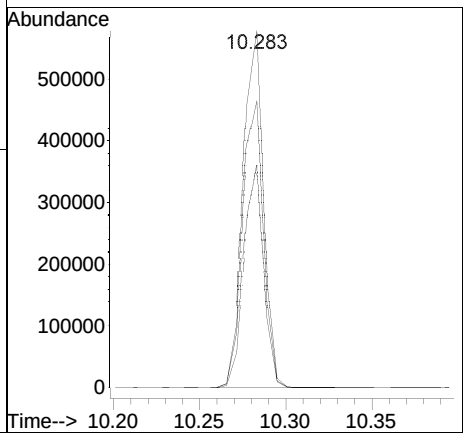


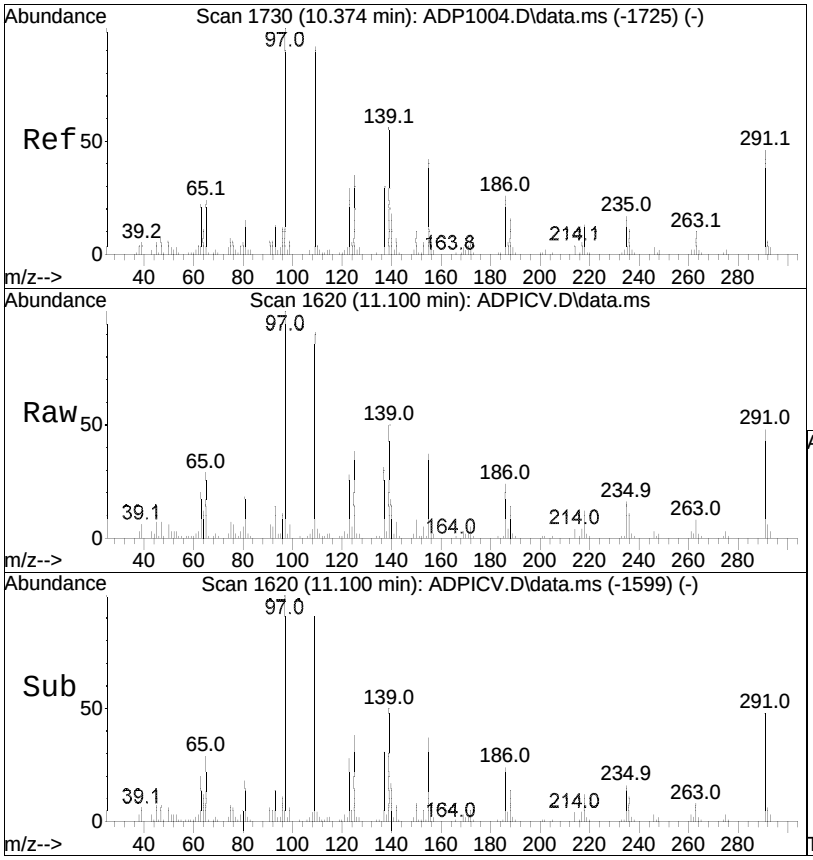


#101
n-Octadecane
Concen: 54.51 ug/ml
RT: 10.283 min Scan# 1481
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 1 Aug 2025 12:25 pm

Tgt Ion: 57 Resp: 472303

Ion	Ratio	Lower	Upper
57	100		
43	82.2	65.0	97.4
71	60.8	50.5	75.7

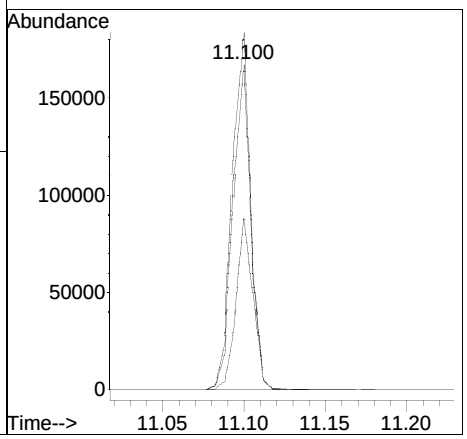


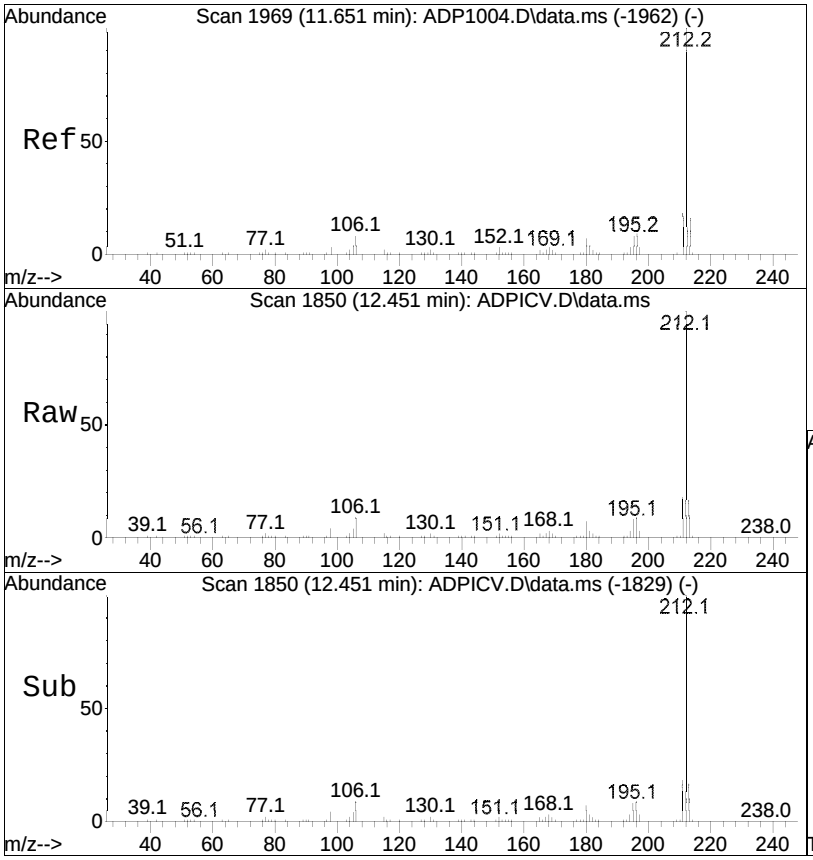


#102
Parathion
Concen: 44.97 ug/ml
RT: 11.100 min Scan# 1620
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 1 Aug 2025 12:25 pm

Tgt Ion:109 Resp: 126483

Ion	Ratio	Lower	Upper
109	100		
97	112.6	88.6	133.0
291	50.0	36.5	54.7

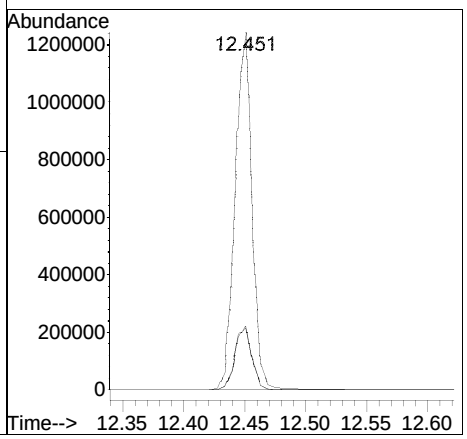




#103
3,3'-Dimethylbenzidine
Concen: 51.80 ug/ml
RT: 12.451 min Scan# 1850
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 1 Aug 2025 12:25 pm

Tgt Ion:212 Resp: 1179341

Ion	Ratio	Lower	Upper
212	100		
211	17.8	13.2	19.8
213	17.9	13.9	20.9



Manual Integration Report

Data Path	: I:\8270\GCMS5\250731ICAL\	QMethod	: FS250731GCMS5.m
Data File	: ADPICV.D	Operator	: GCMS5:cmm
Date Inj'd	: 8/1/2025 12:25 pm	Instrument	: GCMS5
Sample	: CQICV3,32,,ADP ICV Lot # 1	Quant Date	: 8/4/2025 6:01 am

There are no manual integrations or false positives in this file.

Evaluate Relative Error Report GCMS5

Method Path : I:\8270\GCMS5\250731ICAL\
Method File : FS250731GCMS5.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Aug 04 06:17:25 2025

	COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
28	T Benzaldehyde	L	ug/ml	50.0	47.203	-5.6	3.00	3.200	6.7
66	T 2,4-Dinitrophenol	L	ug/ml	50.0	46.627	-6.7	5.00	5.614	12.3
68	T 2,4-Dinitrotoluene	L	ug/ml	50.0	44.696	-10.6	2.00	2.509	25.4
82	T Pentachlorophenol	L	ug/ml	50.0	45.255	-9.5	3.00	3.649	21.6
84	T Dichloran	L	ug/ml	50.0	44.948	-10.1	5.00	6.210	24.2
87	T Atrazine	L	ug/ml	50.0	45.921	-8.2	3.00	3.542	18.1
102	T Parathion	Q	ug/ml	50.0	48.111	-3.8	5.00	5.746	14.9

Calibration Correlation Report

	COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
28	T Benzaldehyde	Linear	0.999408	0.000000	0.83567	-0.00730262
66	T 2,4-Dinitrophenol	Linear	0.998779	0.000000	0.249709	-0.0198199
68	T 2,4-Dinitrotoluene	Linear	0.996901	0.000000	0.562606	-0.0189465
82	T Pentachlorophenol	Linear	0.997006	0.000000	0.444051	-0.0208081
84	T Dichloran	Linear	0.994582	0.000000	0.234218	-0.0217258
87	T Atrazine	Linear	0.998472	0.000000	0.491522	-0.0206912
102	T Parathion	Quadratic	0.998953	0.008851	0.121027	-0.010521

Response Factor Report SV134

Method Path : I:\8270\SV134\250829ICAL\
Method File : FS250829SV134.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Sep 03 16:24:42 2025
Response Via : Initial Calibration

Calibration Files
1.0 =AP9L1a.D 2.0 =AP9L2a.D 3.0 =ABNL3.D 5.0 =AP9L4a.D 10 =AP9L5a.D 25 =AP9L6a.D 50 =AP9L7a
100 =AP9L8a.D 150 =AP9L9a.D 200 =AP9L10a.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	N-Nitrosodimethylamine	0.751	0.746	0.701	0.730	0.753	0.853	0.776	0.766	0.754	0.792	0.762	5.30
3)	t	Pyridine	0.744	0.814	0.849	0.918	1.027	1.161	1.102	1.102	1.087	1.196	1.000	15.74
4)	S	2-Fluorophenol	1.003	1.048	1.030	1.077	1.098	1.260	1.147	1.154	1.142	1.177	1.113	6.96
5)	T	Aniline	1.913	1.919	1.877	1.865	1.949	2.221	1.981	1.936	1.885	1.976	1.952	5.25
6)	t	2-Chlorophenol	1.204	1.262	1.248	1.231	1.313	1.483	1.350	1.326	1.290	1.299	1.301	6.01
7)	S	Phenol-d6	1.290	1.297	1.307	1.331	1.398	1.585	1.452	1.405	1.365	1.410	1.384	6.46
8)	T	Phenol	1.536	1.610	1.575	1.633	1.657	1.923	1.722	1.690	1.646	1.714	1.671	6.36
9)	T	bis(2-Chloroethyl)ether	1.277	1.163	1.165	1.191	1.201	1.368	1.237	1.203	1.171	1.224	1.220	5.17
10)	T	1,3-Dichlorobenzene	1.574	1.517	1.509	1.500	1.540	1.723	1.553	1.509	1.480	1.539	1.544	4.44
11)	T	1,4-Dichlorobenzene	1.720	1.572	1.587	1.564	1.551	1.749	1.586	1.539	1.511	1.567	1.595	4.86
12)	T	1,2-Dichlorobenzene	1.608	1.497	1.456	1.499	1.501	1.683	1.521	1.462	1.427	1.459	1.511	5.16
13)	t	Benzyl alcohol	0.862	0.901	0.878	0.929	1.015	1.189	1.080	1.059	1.038	1.057	1.001	10.51
14)	T	bis(2-chloroisopropyl)ether	2.079	2.180	2.077	2.087	2.152	2.395	2.146	2.060	1.989	2.005	2.117	5.45
15)	T	2-Methylphenol	1.077	1.142	1.111	1.123	1.194	1.338	1.197	1.165	1.129	1.158	1.164	6.14
16)	T	Hexachloroethane	0.518	0.567	0.519	0.530	0.538	0.617	0.556	0.551	0.530	0.538	0.546	5.35
17)	T	n-Nitrosodi-n-propylamine	0.875	0.884	0.867	0.873	0.936	1.068	0.948	0.920	0.902	0.928	0.920	6.46
18)	T	3-Methylphenol/4-Methylphenol	1.136	1.153	1.134	1.158	1.243	1.425	1.271	1.240	1.210	1.221	1.219	7.14
19)	S	Nitrobenzene-d5	0.992	0.983	0.972	1.037	1.119	1.352	1.243	1.225	1.180	1.118	1.122	11.42
20)	T	Nitrobenzene	0.977	1.027	0.990	1.080	1.207	1.419	1.307	1.276	1.242	1.211	1.174	12.66
21)	T	Isophorone	2.506	2.540	2.357	2.455	2.618	2.938	2.606	2.505	2.414	2.492	2.543	6.28
22)	T	2-Nitrophenol			0.365	0.416	0.446	0.575	0.538	0.552	0.528	0.468	0.486	15.21
23)	T	2,4-Dimethylphenol	1.235	1.253	1.149	1.223	1.301	1.495	1.347	1.307	1.280	1.295	1.289	7.07
24)	T	bis(2-Chloroethoxy)methane	1.562	1.580	1.481	1.586	1.642	1.867	1.649	1.575	1.525	1.555	1.602	6.58
25)	T	2,4-Dichlorophenol	0.960	0.998	0.952	1.075	1.170	1.355	1.220	1.188	1.146	1.144	1.121	11.30
26)	T	1,2,4-Trichlorobenzene	1.417	1.374	1.294	1.330	1.360	1.526	1.354	1.303	1.274	1.295	1.353	5.53
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde	0.565	0.665	0.651	0.666	0.656	0.674	0.674	0.697	0.692	0.678	0.662	5.57
29)	T	Acetophenone	1.917	1.851	1.910	1.952	1.921	2.040	2.024	2.049	2.055	1.989	1.971	3.58
30)	T	m-Toluidine	0.933	1.096	1.291	1.339	1.355	1.432	1.410	1.483	1.499	1.474	1.331	13.79
31)	T	2-Chloroaniline	1.692	1.759	1.757	1.761	1.718	1.818	1.793	1.808	1.803	1.743	1.765	2.31
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)	T	1,4-Dioxane	0.384	0.514	0.498	0.484	0.485	0.571	0.518	0.484	0.462	0.464	0.487	9.84
34)	T	n-Decane	1.382	1.785	1.767	1.773	1.767	2.059	1.910	1.766	1.677	1.651	1.754	9.96
35)	I	IS1_Naphthalene-d8	----------ISTD----------											
36)	T	Naphthalene	1.131	1.082	1.077	1.072	1.077	1.207	1.075	1.039	1.002	1.020	1.078	5.36
37)	T	Benzoic Acid			0.030	0.051	0.094	0.116	0.186	0.192	0.215	0.211	0.198	*L 0.9973
38)	T	4-Chloroaniline	0.130	0.134	0.130	0.135	0.140	0.159	0.144	0.140	0.137	0.141	0.139	6.21
39)	T	Hexachlorobutadiene	0.224	0.212	0.210	0.218	0.214	0.241	0.218	0.216	0.213	0.219	0.219	4.08
40)	T	p-Chloro-m-cresol	0.259	0.264	0.256	0.277	0.296	0.352	0.318	0.312	0.307	0.311	0.295	10.45
41)	T	2-Methylnaphthalene	0.675	0.646	0.625	0.662	0.675	0.755	0.678	0.654	0.632	0.646	0.665	5.50
42)	T	1-Methylnaphthalene	0.253	0.230	0.219	0.233	0.228	0.261	0.237	0.229	0.226	0.231	0.235	5.49
43)	T	Hexachlorocyclopentadiene	0.145	0.148	0.150	0.165	0.184	0.225	0.212	0.221	0.222	0.219	0.189	18.14
44)	T	2,4,6-Trichlorophenol	0.189	0.190	0.176	0.206	0.226	0.273	0.246	0.238	0.239	0.235	0.222	13.84
45)	T	2,4,5-Trichlorophenol	0.215	0.224	0.207	0.238	0.262	0.298	0.275	0.266	0.261	0.260	0.251	11.38

Response Factor Report SV134

Method Path : I:\8270\SV134\250829ICAL\
Method File : FS250829SV134.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Sep 03 16:24:42 2025
Response Via : Initial Calibration

Calibration Files
1.0 =AP9L1a.D 2.0 =AP9L2a.D 3.0 =ABNL3.D 5.0 =AP9L4a.D 10 =AP9L5a.D 25 =AP9L6a.D 50 =AP9L7a
100 =AP9L8a.D 150 =AP9L9a.D 200 =AP9L10a.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
46)	S	2-Fluorobiphenyl	0.873	0.850	0.816	0.852	0.869	0.969	0.857	0.811	0.787	0.792	0.848	6.25
47)	T	2-Chloronaphthalene	0.719	0.728	0.692	0.726	0.736	0.837	0.737	0.696	0.679	0.692	0.724	6.17
48)	T	2-Nitroaniline			0.123	0.145	0.162	0.218	0.203	0.206	0.205	0.196	0.182	19.01
49)	T	1,4-Dinitrobenzene				0.056	0.068	0.096	0.090	0.093	0.094	0.090	0.084	18.26
50)	T	1,3-Dinitrobenzene				0.069	0.081	0.112	0.106	0.106	0.106	0.101	0.097	16.30
51)	T	Dimethyl phthalate	0.889	0.870	0.795	0.845	0.889	1.000	0.891	0.829	0.813	0.813	0.863	6.93
52)	T	Acenaphthylene	1.198	1.191	1.123	1.196	1.232	1.388	1.233	1.150	1.116	1.118	1.195	6.79
53)	T	2,6-Dinitrotoluene	0.086	0.104	0.105	0.126	0.143	0.185	0.168	0.167	0.166	0.163	*L	0.9984
54)	T	1,2-Dinitrobenzene		0.046	0.044	0.053	0.061	0.078	0.072	0.071	0.070	0.067	0.062	19.36
55)	I	IS2_Naphthalene-d8	----------ISTD----------											
56)	T	a-Terpineol	0.298	0.297	0.304	0.310	0.315	0.333	0.337	0.345	0.339	0.313	0.319	5.59
57)	T	3-Chloroaniline	0.134	0.141	0.142	0.148	0.146	0.145	0.144	0.142	0.141	0.135	0.142	3.14
58)	T	2,6-Dichlorophenol	0.187	0.214	0.226	0.233	0.240	0.262	0.275	0.282	0.283	0.261	0.246	12.91
59)	T	1-chloro-2-nitrobenzene	0.082	0.087	0.092	0.099	0.101	0.112	0.119	0.127	0.131	0.128	0.108	16.86
60)	T	Caprolactam		0.131	0.142	0.151	0.154	0.175	0.184	0.196	0.201	0.193	0.170	15.10
61)	T	1,2,4,5-Tetrachlorobenzene	0.396	0.415	0.399	0.404	0.398	0.401	0.394	0.394	0.394	0.374	0.397	2.62
62)	T	Biphenyl	0.999	0.963	0.991	0.979	0.969	0.969	0.953	0.934	0.910	0.841	0.951	4.92
63)	I	IS1_Acenaphthene-d10	----------ISTD----------											
64)	T	3-Nitroaniline		0.213	0.226	0.259	0.295	0.370	0.349	0.344	0.336	0.344	0.304	19.07
65)	T	Acenaphthene	1.257	1.172	1.177	1.168	1.181	1.323	1.197	1.141	1.111	1.169	1.190	5.04
66)	T	2,4-Dinitrophenol			0.041	0.055	0.079	0.115	0.117	0.125	0.122	0.116	*L	0.9982
67)	T	Dibenzofuran	1.961	1.879	1.864	1.876	1.894	2.111	1.884	1.786	1.728	1.784	1.877	5.65
68)	T	2,4-Dinitrotoluene		0.230	0.230	0.288	0.331	0.429	0.403	0.400	0.402	0.412	*L	0.9991
69)	T	4-Nitrophenol				0.194	0.218	0.293	0.280	0.276	0.276	0.283	0.260	14.62
70)	T	2,3,5,6-Tetrachlorophenol	0.250	0.252	0.258	0.279	0.313	0.392	0.373	0.377	0.372	0.382	0.325	18.61
71)	T	2,3,4,6-Tetrachlorophenol	0.294	0.292	0.292	0.309	0.339	0.409	0.387	0.374	0.374	0.390	0.346	13.33
72)	T	Diethyl phthalate	1.452	1.448	1.404	1.497	1.562	1.758	1.584	1.487	1.472	1.523	1.519	6.58
73)	T	Fluorene	1.533	1.479	1.455	1.511	1.516	1.728	1.549	1.451	1.420	1.472	1.511	5.68
74)	T	4-Chlorophenyl-phenylether	0.807	0.741	0.723	0.739	0.743	0.830	0.737	0.710	0.701	0.730	0.746	5.47
75)	T	4-Nitroaniline		0.230	0.226	0.273	0.303	0.376	0.352	0.345	0.348	0.356	0.312	18.18
76)	T	4,6-Dinitro-o-cresol		0.080	0.082	0.110	0.132	0.183	0.184	0.194	0.190	0.187	*L	0.9989
77)	T	NDPA/DPA	1.349	1.312	1.228	1.314	1.333	1.488	1.334	1.252	1.225	1.265	1.310	5.90
78)	T	Azobenzene	1.392	1.428	1.300	1.407	1.414	1.589	1.446	1.360	1.333	1.387	1.406	5.56
79)	S	2,4,6-Tribromophenol	0.137	0.157	0.154	0.173	0.187	0.227	0.208	0.205	0.208	0.217	0.187	16.32
80)	T	4-Bromophenyl-phenylether	0.454	0.432	0.417	0.442	0.453	0.507	0.454	0.438	0.439	0.462	0.450	5.36
81)	T	Hexachlorobenzene	0.538	0.511	0.470	0.507	0.503	0.562	0.509	0.488	0.491	0.521	0.510	5.11
82)	T	Pentachlorophenol			0.146	0.177	0.211	0.292	0.299	0.309	0.316	0.329	*L	0.9988
83)	I	IS2_Acenaphthene-d10	----------ISTD----------											
84)	T	Dichloran				0.096	0.108	0.131	0.146	0.161	0.176	0.176	*L	0.9962
85)	T	Pentachloronitrobenzene				0.108	0.114	0.134	0.144	0.159	0.168	0.166	0.142	17.16
86)	I	IS3_Acenaphthene-d10	----------ISTD----------											
87)	T	Atrazine	0.279	0.378	0.407	0.413	0.421	0.508	0.461	0.497	0.499	0.480	0.434	16.28
88)	I	IS1_Phenanthrene-d10	----------ISTD----------											
89)	T	Phenanthrene	1.290	1.203	1.157	1.172	1.171	1.297	1.154	1.099	1.060	1.081	1.168	6.82
90)	T	Anthracene	1.200	1.145	1.115	1.159	1.181	1.336	1.190	1.129	1.099	1.103	1.166	5.99

Response Factor Report SV134

Method Path : I:\8270\SV134\250829ICAL\
Method File : FS250829SV134.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Sep 03 16:24:42 2025
Response Via : Initial Calibration

Calibration Files
1.0 =AP9L1a.D 2.0 =AP9L2a.D 3.0 =ABNL3.D 5.0 =AP9L4a.D 10 =AP9L5a.D 25 =AP9L6a.D 50 =AP9L7a
100 =AP9L8a.D 150 =AP9L9a.D 200 =AP9L10a.D

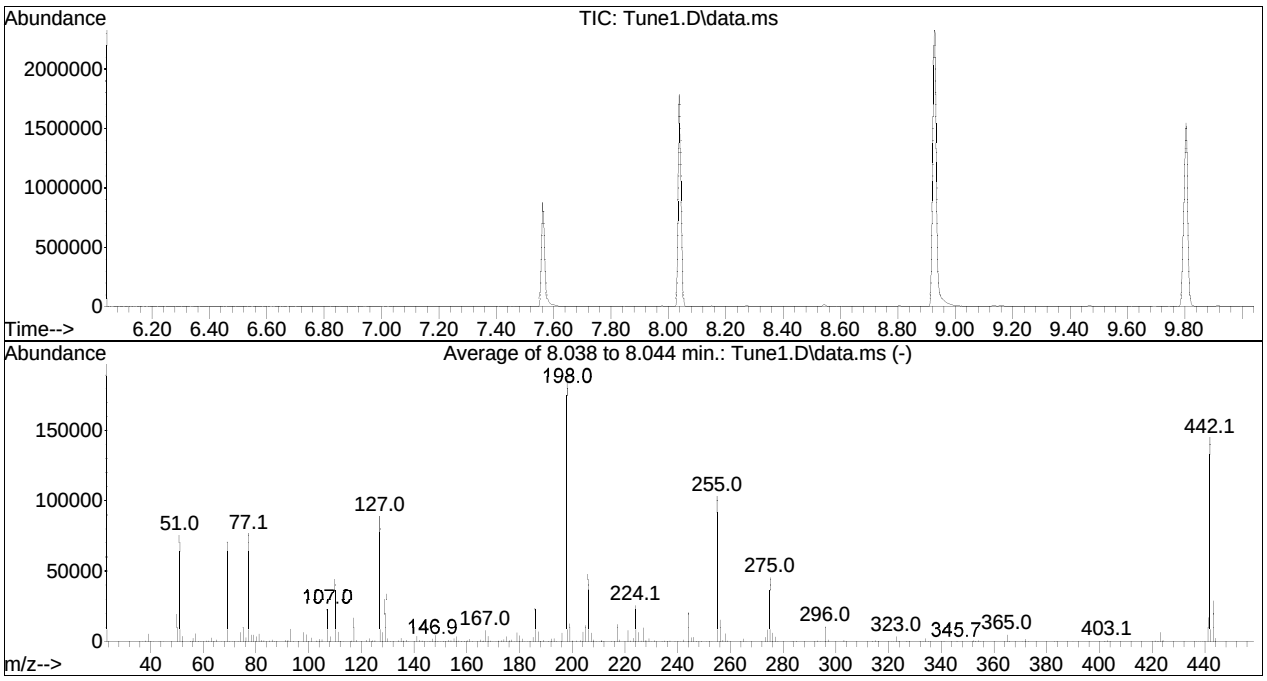
		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
91)	T	Carbazole	1.120	1.086	1.068	1.106	1.119	1.262	1.120	1.060	1.041	1.057	1.104	5.69
92)	T	Di-n-butylphthalate	1.029	1.035	1.039	1.148	1.239	1.463	1.329	1.246	1.220	1.220	1.197	11.67
93)	T	Fluoranthene	1.337	1.325	1.282	1.331	1.338	1.531	1.389	1.307	1.278	1.294	1.341	5.54
94)	T	Benzidine	0.572	0.629	0.645	0.750	0.764	0.913	0.855	0.837	0.832	0.861	0.766	15.03
95)	T	Pyrene	1.413	1.370	1.344	1.428	1.415	1.599	1.439	1.355	1.331	1.345	1.404	5.61
96)	S	4-Terphenyl-d14	1.021	0.948	0.957	1.005	0.997	1.136	1.034	0.980	0.966	0.987	1.003	5.39
97)	T	Butyl benzyl phthalate			0.365	0.426	0.463	0.605	0.590	0.584	0.586	0.595	0.527	17.86
98)	I	IS2_Phenanthrene-d10	----------ISTD----------											
99)	T	Diphenamid	0.404	0.435	0.448	0.490	0.507	0.553	0.561	0.565	0.562	0.531	0.506	11.69
100)	I	IS3_Phenanthrene-d10	----------ISTD----------											
101)	T	n-Octadecane	0.372	0.509	0.517	0.532	0.551	0.676	0.630	0.581	0.551	0.524	0.544	14.79
102)	T	Parathion				0.065	0.075	0.101	0.107	0.120	0.125	0.125	*L	0.9983
103)	T	3,3'-Dimethylbenzidine				0.682	0.715	1.032	0.956	0.936	0.943	0.925	0.884	14.91
104)	I	IS1_Chrysene-d12	----------ISTD----------											
105)	T	Benzo[a]anthracene	1.430	1.343	1.325	1.323	1.341	1.538	1.397	1.329	1.320	1.349	1.369	5.06
106)	T	3,3'-Dichlorobenzidine	0.400	0.400	0.432	0.443	0.469	0.552	0.512	0.502	0.494	0.508	0.471	10.86
107)	T	Chrysene	1.391	1.337	1.299	1.292	1.328	1.464	1.298	1.245	1.228	1.259	1.314	5.41
108)	T	bis(2-Ethylhexyl)phthalate		0.554	0.577	0.658	0.753	0.933	0.857	0.824	0.827	0.843	0.758	17.55
109)	T	Di-n-octylphthalate				1.003	1.183	1.560	1.478	1.450	1.457	1.484	1.374	14.68
110)	T	Benzo(b)fluoranthene	1.185	1.163	1.205	1.215	1.241	1.429	1.312	1.338	1.331	1.442	1.286	7.75
111)	T	Benzo(k)fluoranthene	1.271	1.200	1.278	1.268	1.302	1.491	1.317	1.294	1.238	1.261	1.292	5.99
112)	T	Benzo(a)pyrene	1.072	1.085	1.163	1.154	1.174	1.358	1.267	1.258	1.217	1.293	1.204	7.59
113)	I	IS1_Perylene-d12	----------ISTD----------											
114)	T	Indeno(1,2,3-cd)pyrene	0.910	0.929	0.979	1.005	1.049	1.265	1.160	1.152	1.157	1.238	1.084	11.71
115)	T	Dibenzo[a,h]anthracene	0.976	0.945	1.004	1.020	1.046	1.254	1.143	1.139	1.157	1.216	1.090	9.71
116)	T	Benzo(g,h,i)perylene	1.057	1.022	1.071	1.077	1.115	1.300	1.180	1.164	1.142	1.188	1.132	7.20

(#) = Out of Range

Data Path : I:\8270\SV134\250829ICAL\
Data File : Tune1.D
Acq On : 29 Aug 2025 07:11 am
Operator : SV134:mrg
Sample : Tune Lot#11857
Misc : WG2110324
ALS Vial : 48 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Sep 03 16:24:42 2025



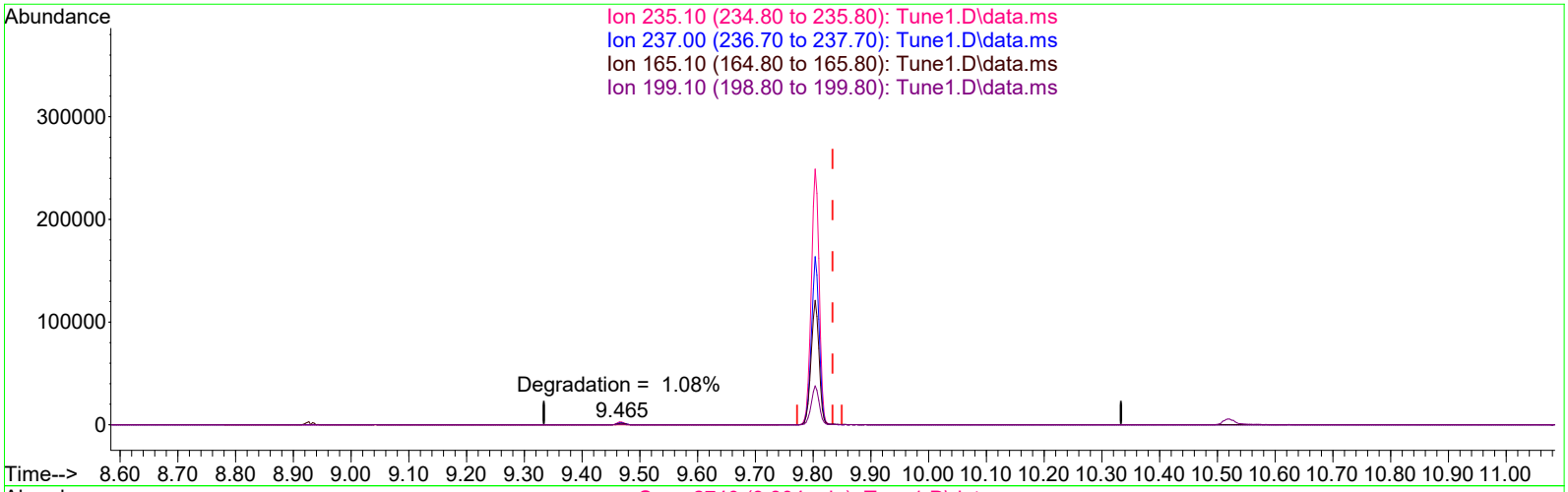
Spectrum Information: Average of 8.038 to 8.044 min.

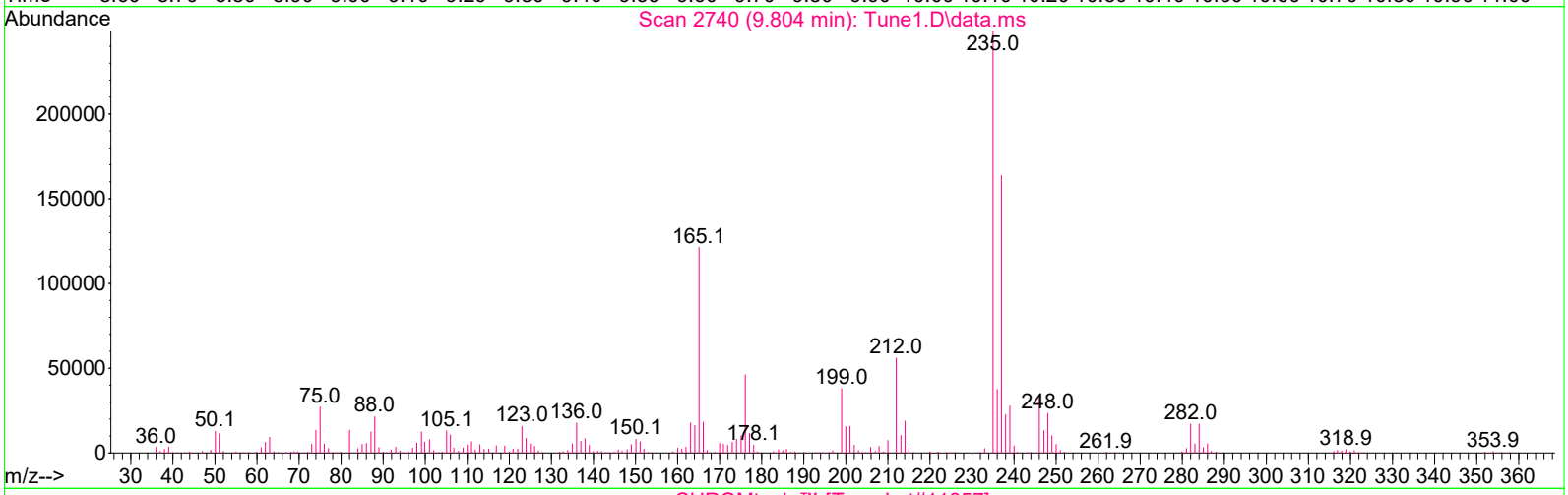
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	40.2	75421	PASS
68	69	0.00	2	0.0	0	PASS
69	69	100	100	100.0	70776	PASS
70	69	0.00	2	0.6	447	PASS
127	198	10	80	47.5	89232	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	187776	PASS
199	198	5	9	6.8	12793	PASS
275	198	10	60	24.3	45587	PASS
365	198	1	100	2.6	4894	PASS
441	442	0.01	24	11.5	16640	PASS
442	198	50	100	77.2	144960	PASS
443	442	15	24	19.7	28603	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\SV134\250829ICAL\
Data File : Tune1.D
Acq On : 29 Aug 2025 07:11 am
Operator : SV134:mrg
Sample : Tune Lot#11857
Misc : WG2110324I
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Aug 29 10:06:40 2025
Quant Method : I:\8270\SV134\250829ICAL\DftppSV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Jul 30 09:23:02 2025
Response via : Initial Calibration





CHROMtools™ [Tune Lot#11857]

(6) DDT (T)

9.804min (-0.030) 38.81

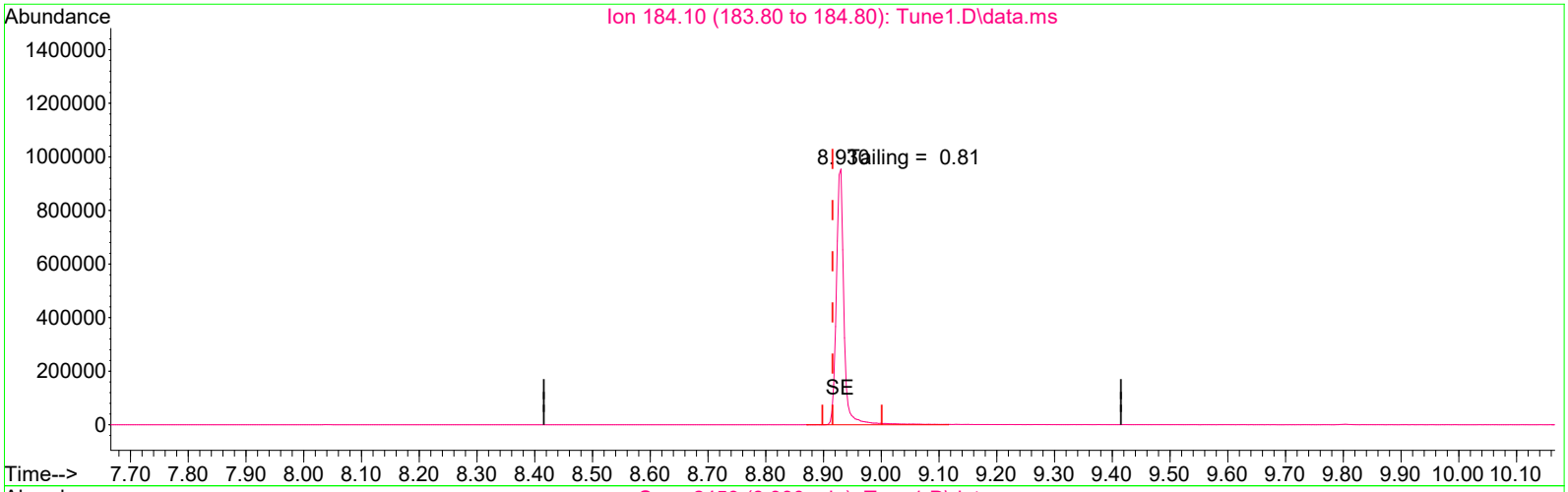
response 236581

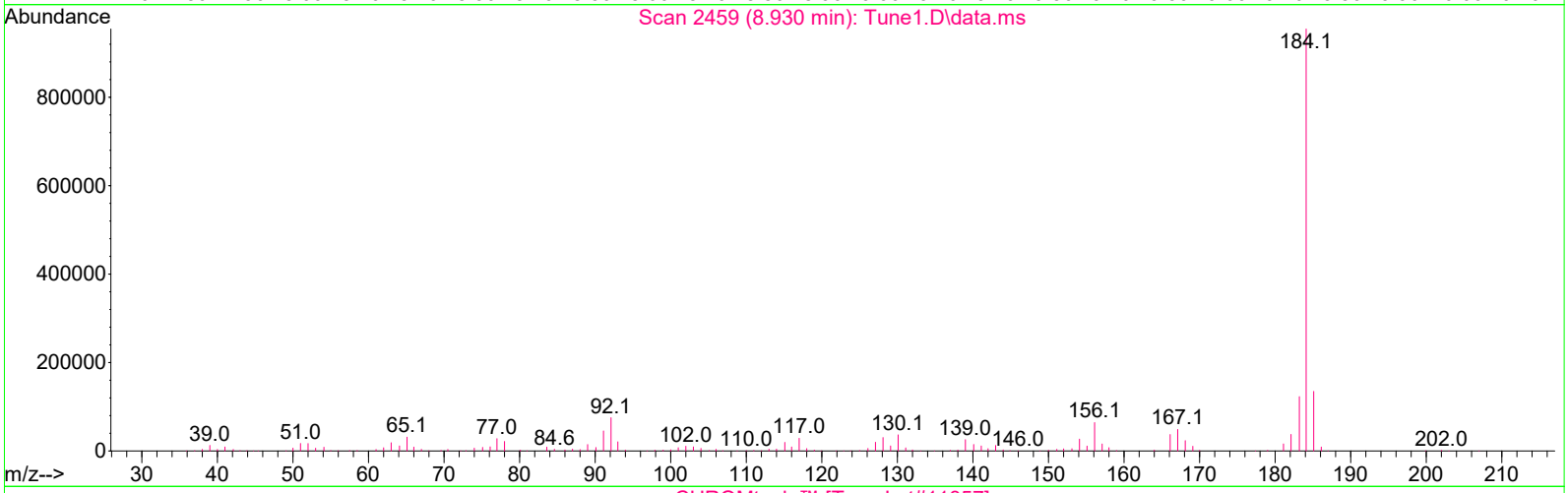
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	64.50	64.26
165.10	49.70	48.59
199.10	13.50	15.48

Quantitation Report (Qedit)

Data Path : I:\8270\SV134\250829ICAL\
Data File : Tune1.D
Acq On : 29 Aug 2025 07:11 am
Operator : SV134:mrg
Sample : Tune Lot#11857
Misc : WG2110324I
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Aug 29 10:06:40 2025
Quant Method : I:\8270\SV134\250829ICAL\DftppSV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Jul 30 09:23:02 2025
Response via : Initial Calibration





CHROMtools™ [Tune Lot#11857]

(3) Benzidine (T)

8.930min (+ 0.014) 84.59

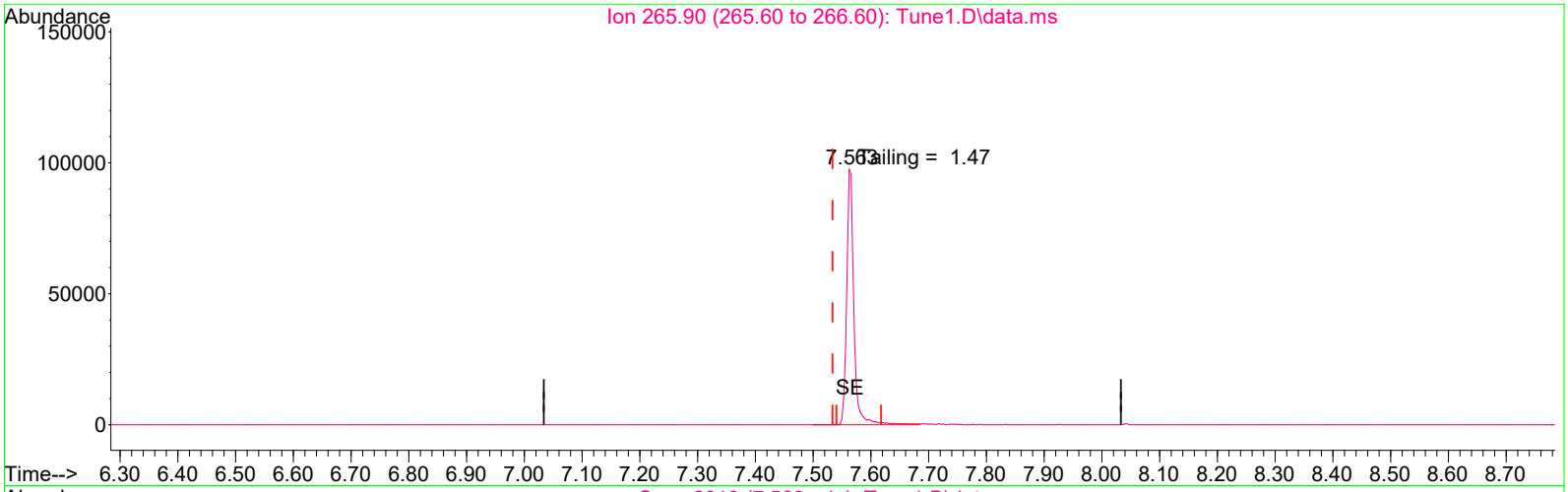
response 861120

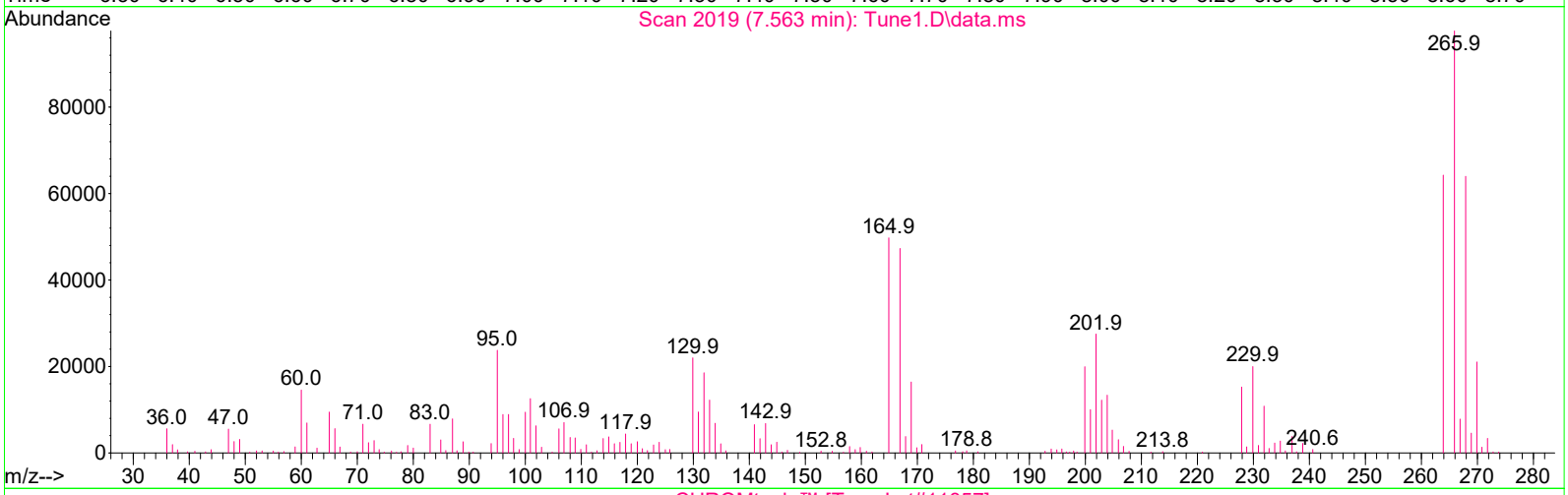
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\SV134\250829ICAL\
Data File : Tune1.D
Acq On : 29 Aug 2025 07:11 am
Operator : SV134:mrg
Sample : Tune Lot#11857
Misc : WG2110324I
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Aug 29 10:06:40 2025
Quant Method : I:\8270\SV134\250829ICAL\DftppSV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Jul 30 09:23:02 2025
Response via : Initial Calibration





CHROMtools™ [Tune Lot#11857]

(1) Pentachlorophenol (T)

7.563min (+ 0.029) 39.30

response 82537

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL10.D
Acq On : 29 Aug 2025 07:32 am
Operator : SV134:mrg
Sample : IL1,32,,ABNL200 Lot# 11933
Misc : WG2110324
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 30 06:20:44 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.755	152	184065	40.000	ug/ml	# 0.00
Standard Area 1 = 172582			Recovery = 106.65%			
35) IS1_Naphthalene-d8	4.862	136	670138	40.000	ug/ml	0.00
Standard Area 1 = 650848			Recovery = 102.96%			
63) IS1_Acenaphthene-d10	6.403	164	368854	40.000	ug/ml	0.00
Standard Area 1 = 375218			Recovery = 98.30%			
88) IS1_Phenanthrene-d10	7.702	188	767974	40.000	ug/ml	# 0.00
Standard Area 1 = 773730			Recovery = 99.26%			
104) IS1_Chrysene-d12	10.326	240	820852	40.000	ug/ml	# 0.02
Standard Area 1 = 823112			Recovery = 99.73%			
113) IS1_Perylene-d12	12.362	264	902131	40.000	ug/ml	0.02
Standard Area 1 = 885263			Recovery = 101.91%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.658	112	1082939	217.919	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 435.84%#			
7) Phenol-d6	3.479	99	1297927	196.490	ug/ml	0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 392.98%#			
19) Nitrobenzene-d5	4.243	82	1029270	171.754	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 687.02%#			
46) 2-Fluorobiphenyl	5.831	172	2653802	175.438	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 701.75%#			
79) 2,4,6-Tribromophenol	7.103	330	400224	184.951	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 369.90%#			
96) 4-Terphenyl-d14	9.163	244	3791197	197.369	ug/ml	0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 789.48%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.617	74	729266	218.649	ug/ml#	83
3) Pyridine	1.642	79	1100290	242.830	ug/ml#	42
5) Aniline	3.479	93	1818854	202.288	ug/ml#	82
6) 2-Chlorophenol	3.578	128	1195820	191.363	ug/ml#	92
8) Phenol	3.491	94	1577377	203.800	ug/ml#	81
9) Bis(2-chloroethyl)ether	3.547	93	1126926	204.690	ug/ml#	75
10) 1,3-Dichlorobenzene	3.705	146	1416777	200.079	ug/ml	95
11) 1,4-Dichlorobenzene	3.771	146	1441693	198.573	ug/ml	96
12) 1,2-Dichlorobenzene	3.898	146	1342440	189.739	ug/ml	96

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL10.D
Acq On : 29 Aug 2025 07:32 am
Operator : SV134:mrg
Sample : IL1,32,,ABNL200 Lot# 11933
Misc : WG2110324
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 30 06:20:44 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
13) Benzyl alcohol	3.895	79	972625	200.975	ug/ml	97
14) Bis(2-chloroisopropyl)...	4.019	45	1844902	179.627	ug/ml#	80
15) 2-Methylphenol	4.007	108	1065838	196.388	ug/ml	98
16) Hexachloroethane	4.190	117	494983	195.452	ug/ml#	45
17) n-Nitrosodi-n-propylamine	4.137	70	854042	202.874	ug/ml	93
18) 3-Methylphenol/4-Methy...	4.153	108	1123280	193.277	ug/ml	96
20) Nitrobenzene	4.259	77	1114360	181.961	ug/ml	96
21) Isophorone	4.479	82	2293385	197.879	ug/ml	99
22) 2-Nitrophenol	4.538	139	430380	138.826	ug/ml	95
23) 2,4-Dimethylphenol	4.610	107	1191968	194.787	ug/ml	99
24) Bis(2-chloroethoxy)met...	4.684	93	1431353	196.350	ug/ml#	97
25) 2,4-Dichlorophenol	4.756	162	1052913	176.811	ug/ml	95
26) 1,2,4-Trichlorobenzene	4.821	180	1192228	178.243	ug/ml	99
36) Naphthalene	4.883	128	3416684	193.759	ug/ml	99
37) Benzoic Acid	4.781	105	662083	163.130	ug/ml	98
38) 4-Chloroaniline	4.946	65	472055	212.532	ug/ml	78
39) Hexachlorobutadiene	5.011	225	734134	204.151	ug/ml	99
40) p-Chloro-m-cresol	5.396	107	1042622	201.804	ug/ml	97
41) 2-Methylnaphthalene	5.493	142	2164212	186.919	ug/ml	95
42) 1-Methylnaphthalene	5.580	115	775378	190.294	ug/ml	82
43) Hexachlorocyclopentadiene	5.645	237	733485	181.161	ug/ml	98
44) 2,4,6-Trichlorophenol	5.754	196	789056	180.519	ug/ml	99
45) 2,4,5-Trichlorophenol	5.782	196	870244	175.954	ug/ml	97
47) 2-Chloronaphthalene	5.918	162	2318584	179.652	ug/ml	97
48) 2-Nitroaniline	6.024	138	657169	168.389	ug/ml	91
49) 1,4-Dinitrobenzene	6.148	168	301045	157.130	ug/ml	80
50) 1,3-Dinitrobenzene	6.220	168	337768	157.046	ug/ml	84
51) Dimethyl phthalate	6.214	163	2724168	173.795	ug/ml#	98
52) Acenaphthylene	6.279	152	3746390	181.957	ug/ml	99
53) 2,6-Dinitrotoluene	6.248	165	544602	167.037	ug/ml#	85
54) 1,2-Dinitrobenzene	6.295	168	224970	153.936	ug/ml	100
64) 3-Nitroaniline	6.394	138	633818	199.316	ug/ml#	95
65) Acenaphthene	6.437	154	2155978	206.579	ug/ml	96
66) 2,4-Dinitrophenol	6.481	184	214046	134.314	ug/ml	87
67) Dibenzofuran	6.590	168	3290246	202.689	ug/ml	91
68) 2,4-Dinitrotoluene	6.602	165	759241	197.188	ug/ml#	85
69) 4-Nitrophenol	6.568	65	521400	224.676	ug/ml	97
70) 2,3,5,6-Tetrachlorophenol	6.671	232	704708	206.016	ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL10.D
Acq On : 29 Aug 2025 07:32 am
Operator : SV134:mrg
Sample : IL1,32,,ABNL200 Lot# 11933
Misc : WG2110324
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 30 06:20:44 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71)	2,3,4,6-Tetrachlorophenol	6.708	232	718350	206.044	ug/ml	98
72)	Diethyl phthalate	6.832	149	2807962	208.085	ug/ml	95
73)	Fluorene	6.888	166	2715415	206.665	ug/ml	95
74)	4-Chlorophenyl phenyl ...	6.904	204	1346723	208.126	ug/ml	88
75)	4-Nitroaniline	6.941	138	656066M3	197.203	ug/ml	
76)	4,6-Dinitro-o-cresol	6.963	198	345200	176.159	ug/ml#	90
77)	NDPA/DPA	7.016	169	2332125	203.309	ug/ml	99
78)	Azobenzene	7.044	77	2558068	220.292	ug/ml#	85
80)	4-Bromophenyl phenyl e...	7.330	248	852701	208.509	ug/ml	90
81)	Hexachlorobenzene	7.376	284	960645	196.176	ug/ml#	84
82)	Pentachlorophenol	7.553	266	607322	208.101	ug/ml	99
89)	Phenanthrene	7.727	178	4149329	188.688	ug/ml	100
90)	Anthracene	7.774	178	4233546	193.376	ug/ml	99
91)	Carbazole	7.926	167	4057620	196.881	ug/ml	99
92)	Di-n-butylphthalate	8.274	149	4682884	203.550	ug/ml	98
93)	Fluoranthene	8.775	202	4967531	200.984	ug/ml#	87
94)	Benzidine	8.921	184	3306214	213.931	ug/ml#	92
95)	Pyrene	8.980	202	5166352	197.931	ug/ml	98
97)	Butyl benzyl phthalate	9.713	149	2283393	221.765	ug/ml#	83
105)	Benzo(a)anthracene	10.313	228	5534992	197.576	ug/ml	99
106)	3,3'-Dichlorobenzidine	10.326	252	2084668	209.265	ug/ml#	95
107)	Chrysene	10.369	228	5166647	193.274	ug/ml	99
108)	Bis(2-ethylhexyl)phtha...	10.484	149	3459267	206.204	ug/ml#	97
109)	Di-n-octylphthalate	11.435	149	6089898	228.569	ug/ml	99
110)	Benzo(b)fluoranthene	11.821	252	5918835	215.333	ug/ml#	91
111)	Benzo(k)fluoranthene	11.871	252	5176391	191.824	ug/ml#	91
112)	Benzo(a)pyrene	12.293	252	5305270	210.313	ug/ml#	90
114)	Indeno(1,2,3-cd)pyrene	13.969	276	5584096	222.299	ug/mL#	88
115)	Dibenzo(a,h)anthracene	14.024	278	5486158	218.234	ug/ml#	88
116)	Benzo(ghi)perylene	14.345	276	5357962	204.015	ug/ml#	74

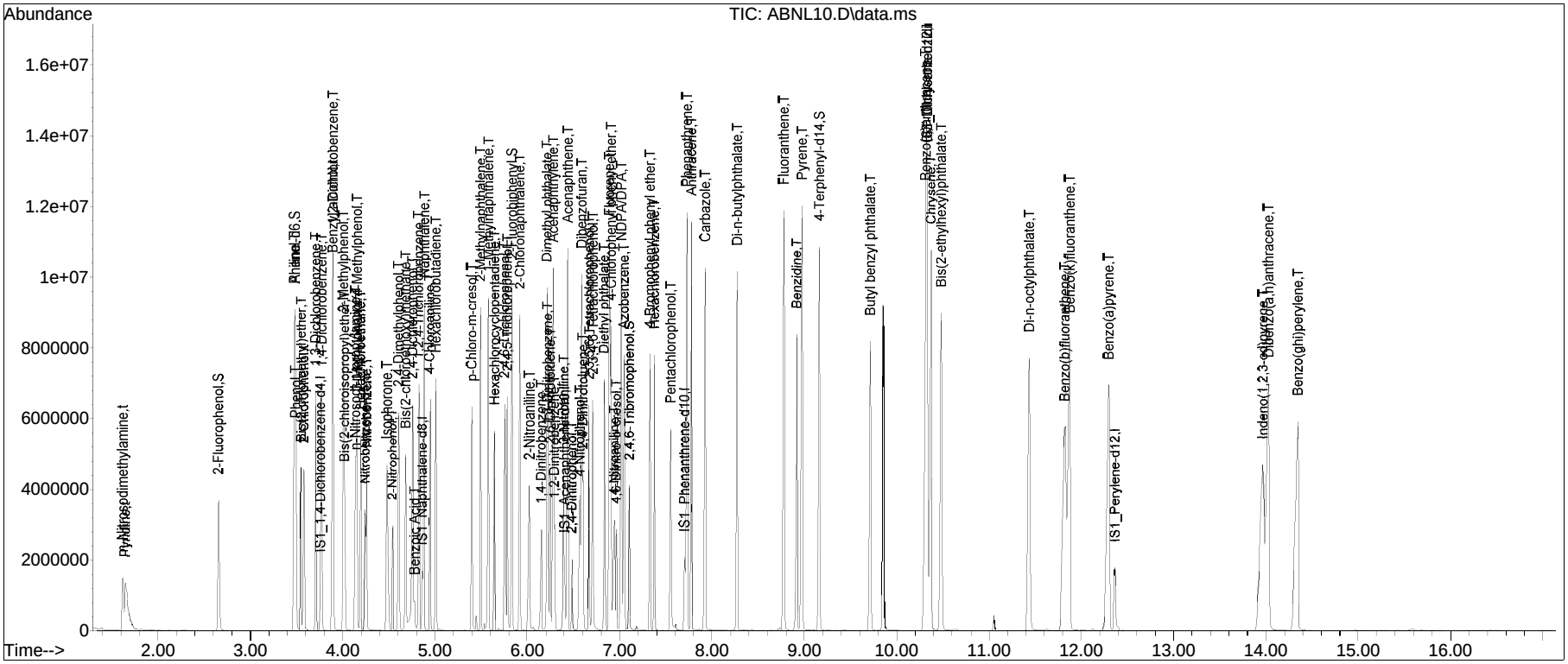
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL10.D
Acq On : 29 Aug 2025 07:32 am
Operator : SV134:mrg
Sample : IL1,32,,ABNL200 Lot# 11933
Misc : WG2110324
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 30 06:20:44 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

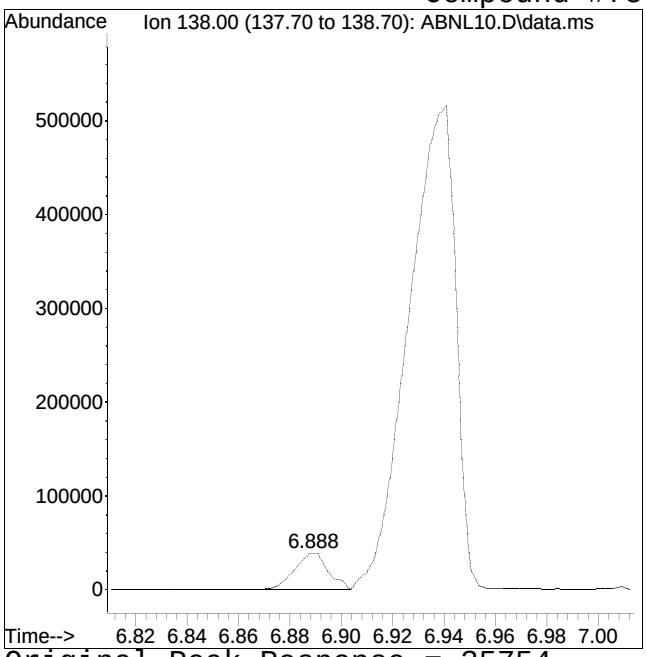
Sub List : ABNical - ABN ical sublistAL\AP9L7a.D•

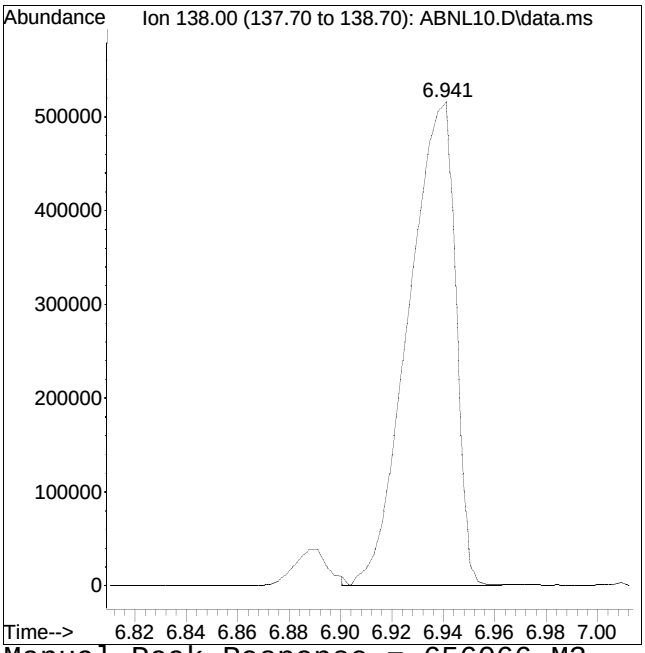


Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : ABNL10.D Operator : SV134:mrg
Date Inj'd : 8/29/2025 7:32 am Instrument : SV134
Sample : IL1,32,,ABNL200 Lot# 11933Quant Date : 8/30/2025 6:15 am

Compound #75: 4-Nitroaniline





Original Peak Response = 35754 Manual Peak Response = 656066 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL9.D
Acq On : 29 Aug 2025 07:53 am
Operator : SV134:mrg
Sample : IL2,32,,ABNL150 Lot# 11934
Misc : WG2110324
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 30 06:28:32 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.752	152	184644	40.000	ug/ml	# 0.00
Standard Area 1 = 172582			Recovery = 106.99%			
35) IS1_Naphthalene-d8	4.862	136	680246	40.000	ug/ml	0.00
Standard Area 1 = 650848			Recovery = 104.52%			
63) IS1_Acenaphthene-d10	6.400	164	387833	40.000	ug/ml	0.00
Standard Area 1 = 375218			Recovery = 103.36%			
88) IS1_Phenanthrene-d10	7.699	188	792983	40.000	ug/ml	# 0.00
Standard Area 1 = 773730			Recovery = 102.49%			
104) IS1_Chrysene-d12	10.323	240	845127	40.000	ug/ml	# 0.01
Standard Area 1 = 823112			Recovery = 102.67%			
113) IS1_Perylene-d12	12.355	264	911630	40.000	ug/ml	0.01
Standard Area 1 = 885263			Recovery = 102.98%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.655	112	790431	158.559	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 317.12%#			
7) Phenol-d6	3.472	99	945335	142.663	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 285.33%#			
19) Nitrobenzene-d5	4.240	82	816902	135.889	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 543.56%#			
46) 2-Fluorobiphenyl	5.828	172	2006375	130.667	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 522.67%#			
79) 2,4,6-Tribromophenol	7.099	330	301820	132.651	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 265.30%#			
96) 4-Terphenyl-d14	9.157	244	2872098	144.805	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 579.22%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.614	74	521894	155.984	ug/ml#	84
3) Pyridine	1.642	79	752631	165.582	ug/ml#	41
5) Aniline	3.475	93	1304884	144.671	ug/ml#	82
6) 2-Chlorophenol	3.575	128	892878	142.436	ug/ml#	92
8) Phenol	3.485	94	1140039	146.833	ug/ml#	81
9) Bis(2-chloroethyl)ether	3.544	93	810760	146.801	ug/ml#	75
10) 1,3-Dichlorobenzene	3.702	146	1024483	144.225	ug/ml	95
11) 1,4-Dichlorobenzene	3.767	146	1046122	143.637	ug/ml	96
12) 1,2-Dichlorobenzene	3.898	146	988138	139.225	ug/ml	96

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL9.D
Acq On : 29 Aug 2025 07:53 am
Operator : SV134:mrg
Sample : IL2,32,,ABNL150 Lot# 11934
Misc : WG2110324
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 30 06:28:32 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
13) Benzyl alcohol	3.892	79	719016	148.106	ug/ml	97
14) Bis(2-chloroisopropyl)...	4.013	45	1377156	133.665	ug/ml#	79
15) 2-Methylphenol	4.004	108	781900	143.619	ug/ml	98
16) Hexachloroethane	4.187	117	367221	144.548	ug/ml#	44
17) n-Nitrosodi-n-propylamine	4.131	70	624597	147.905	ug/ml	94
18) 3-Methylphenol/4-Methy...	4.147	108	837919	143.724	ug/ml	96
20) Nitrobenzene	4.255	77	860232	140.025	ug/ml	97
21) Isophorone	4.476	82	1671500	143.769	ug/ml	99
22) 2-Nitrophenol	4.535	139	365822	117.632	ug/ml	96
23) 2,4-Dimethylphenol	4.604	107	886107	144.350	ug/ml	98
24) Bis(2-chloroethoxy)met...	4.681	93	1056149	144.426	ug/ml#	97
25) 2,4-Dichlorophenol	4.753	162	793301	132.798	ug/ml	94
26) 1,2,4-Trichlorobenzene	4.818	180	882409	131.510	ug/ml	98
36) Naphthalene	4.880	128	2556766	142.839	ug/ml	100
37) Benzoic Acid	4.762	105	538408	130.687	ug/ml	98
38) 4-Chloroaniline	4.942	65	350468	155.445	ug/ml	78
39) Hexachlorobutadiene	5.011	225	542677	148.668	ug/ml	99
40) p-Chloro-m-cresol	5.393	107	782514	149.208	ug/ml	97
41) 2-Methylnaphthalene	5.489	142	1612450	137.195	ug/ml	95
42) 1-Methylnaphthalene	5.576	115	576901	139.480	ug/ml	79
43) Hexachlorocyclopentadiene	5.642	237	567556	138.096	ug/ml	98
44) 2,4,6-Trichlorophenol	5.750	196	608974	137.250	ug/ml	100
45) 2,4,5-Trichlorophenol	5.778	196	666712	132.799	ug/ml	97
47) 2-Chloronaphthalene	5.915	162	1732901	132.276	ug/ml	96
48) 2-Nitroaniline	6.018	138	524067	132.288	ug/ml	91
49) 1,4-Dinitrobenzene	6.142	168	240238	123.529	ug/ml	79
50) 1,3-Dinitrobenzene	6.214	168	271153	124.199	ug/ml	80
51) Dimethyl phthalate	6.207	163	2074919	130.408	ug/ml#	99
52) Acenaphthylene	6.276	152	2847354	136.237	ug/ml	99
53) 2,6-Dinitrotoluene	6.245	165	424133	128.155	ug/ml#	87
54) 1,2-Dinitrobenzene	6.288	168	177835	119.875	ug/ml	94
64) 3-Nitroaniline	6.388	138	489095	146.279	ug/ml#	94
65) Acenaphthene	6.431	154	1616379	147.297	ug/ml	96
66) 2,4-Dinitrophenol	6.478	184	177315	106.026	ug/ml#	86
67) Dibenzofuran	6.583	168	2513833	147.281	ug/ml	92
68) 2,4-Dinitrotoluene	6.596	165	584248	144.314	ug/ml#	85
69) 4-Nitrophenol	6.562	65	401952	164.729	ug/ml	91
70) 2,3,5,6-Tetrachlorophenol	6.667	232	541085	150.441	ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL9.D
Acq On : 29 Aug 2025 07:53 am
Operator : SV134:mrg
Sample : IL2,32,,ABNL150 Lot# 11934
Misc : WG2110324
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 30 06:28:32 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71)	2,3,4,6-Tetrachlorophenol	6.705	232	543915	148.377	ug/ml	98
72)	Diethyl phthalate	6.829	149	2140427	150.855	ug/ml	95
73)	Fluorene	6.885	166	2065836	149.533	ug/ml	95
74)	4-Chlorophenyl phenyl ...	6.901	204	1020195	149.948	ug/ml#	87
75)	4-Nitroaniline	6.928	138	506141	144.693	ug/ml	98
76)	4,6-Dinitro-o-cresol	6.956	198	276015	133.960	ug/ml#	88
77)	NDPA/DPA	7.012	169	1781378	147.697	ug/ml	99
78)	Azobenzene	7.040	77	1938723	158.786	ug/ml#	86
80)	4-Bromophenyl phenyl e...	7.326	248	637824	148.334	ug/ml	91
81)	Hexachlorobenzene	7.373	284	714519	138.774	ug/ml#	84
82)	Pentachlorophenol	7.550	266	458996	149.580	ug/ml	99
89)	Phenanthrene	7.724	178	3150667	138.756	ug/ml	100
90)	Anthracene	7.768	178	3267987	144.564	ug/ml	99
91)	Carbazole	7.920	167	3095716	145.471	ug/ml	99
92)	Di-n-butylphthalate	8.271	149	3628005	152.724	ug/ml#	98
93)	Fluoranthene	8.768	202	3801531	148.957	ug/ml#	87
94)	Benzidine	8.915	184	2474281	155.051	ug/ml#	91
95)	Pyrene	8.974	202	3958181	146.861	ug/ml	99
97)	Butyl benzyl phthalate	9.710	149	1741762	163.827	ug/ml#	82
105)	Benzo(a)anthracene	10.307	228	4183425	145.041	ug/ml	100
106)	3,3'-Dichlorobenzidine	10.319	252	1566388	152.722	ug/ml#	95
107)	Chrysene	10.360	228	3890623	141.360	ug/ml	100
108)	Bis(2-ethylhexyl)phtha...	10.481	149	2620697	151.730	ug/ml#	96
109)	Di-n-octylphthalate	11.429	149	4616765	168.302	ug/ml	99
110)	Benzo(b)fluoranthene	11.811	252	4217143	149.017	ug/ml#	91
111)	Benzo(k)fluoranthene	11.858	252	3923709	141.226	ug/ml#	91
112)	Benzo(a)pyrene	12.284	252	3857980	148.546	ug/ml#	90
114)	Indeno(1,2,3-cd)pyrene	13.953	276	3956935	155.882	ug/mL#	88
115)	Dibenzo(a,h)anthracene	14.009	278	3955613	155.711	ug/ml#	88
116)	Benzo(ghi)perylene	14.326	276	3903009	147.066	ug/ml#	73

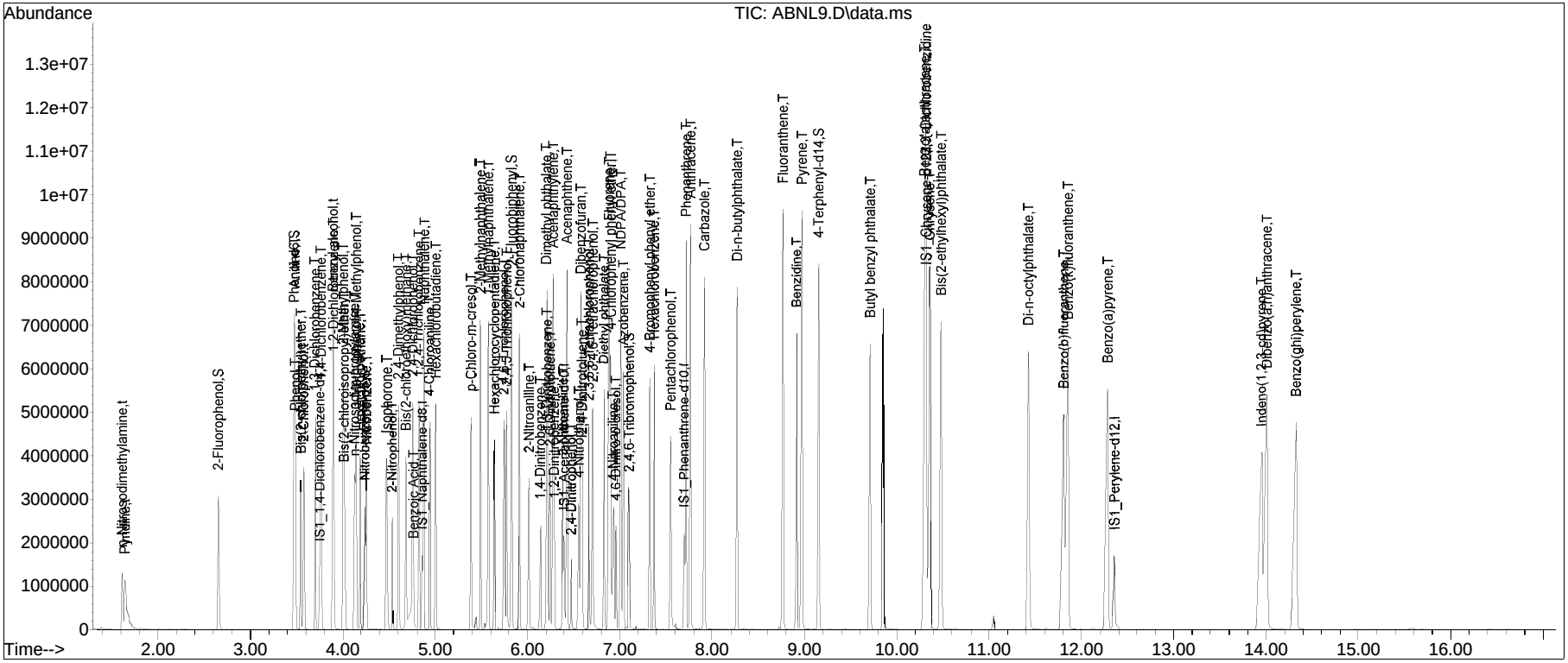
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL9.D
Acq On : 29 Aug 2025 07:53 am
Operator : SV134:mrg
Sample : IL2,32,,ABNL150 Lot# 11934
Misc : WG2110324
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 30 06:28:32 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublistAL\AP9L7a.D•



Manual Integration Report

Data Path	: I:\8270\SV134\250829ICAL\	QMethod	: FS250829SV134.m
Data File	: ABNL9.D	Operator	: SV134:mrg
Date Inj'd	: 8/29/2025 7:53 am	Instrument	: SV134
Sample	: IL2,32,,ABNL150 Lot# 11934	Quant Date	: 8/30/2025 6:16 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL8.D
Acq On : 29 Aug 2025 08:14 am
Operator : SV134:mrg
Sample : IL3,32,,ABNL100 Lot# 11935
Misc : WG2110324
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 30 06:27:43 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.752	152	185850	40.000	ug/ml	# 0.00
Standard Area 1 = 172582			Recovery = 107.69%			
35) IS1_Naphthalene-d8	4.859	136	691230	40.000	ug/ml	0.00
Standard Area 1 = 650848			Recovery = 106.20%			
63) IS1_Acenaphthene-d10	6.400	164	392051	40.000	ug/ml	0.00
Standard Area 1 = 375218			Recovery = 104.49%			
88) IS1_Phenanthrene-d10	7.699	188	793367	40.000	ug/ml	# 0.00
Standard Area 1 = 773730			Recovery = 102.54%			
104) IS1_Chrysene-d12	10.313	240	860546	40.000	ug/ml	# 0.00
Standard Area 1 = 823112			Recovery = 104.55%			
113) IS1_Perylene-d12	12.352	264	949409	40.000	ug/ml	0.00
Standard Area 1 = 885263			Recovery = 107.25%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.655	112	536128	106.849	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 213.70%#			
7) Phenol-d6	3.469	99	652878	97.888	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 195.78%#			
19) Nitrobenzene-d5	4.237	82	569377	94.099	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 376.40%#			
46) 2-Fluorobiphenyl	5.825	172	1401622	89.831	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 359.32%#			
79) 2,4,6-Tribromophenol	7.096	330	200446	87.149	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 174.30%#			
96) 4-Terphenyl-d14	9.151	244	1943842	97.957	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 391.83%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.614	74	355885	105.677	ug/ml#	85
3) Pyridine	1.645	79	512246	111.965	ug/ml#	43
5) Aniline	3.472	93	899312	99.059	ug/ml#	82
6) 2-Chlorophenol	3.575	128	616267	97.672	ug/ml	93
8) Phenol	3.482	94	785387	100.499	ug/ml#	82
9) Bis(2-chloroethyl)ether	3.541	93	559044	100.567	ug/ml#	76
10) 1,3-Dichlorobenzene	3.702	146	701132	98.063	ug/ml	95
11) 1,4-Dichlorobenzene	3.768	146	715124	97.552	ug/ml	95
12) 1,2-Dichlorobenzene	3.898	146	679083	95.059	ug/ml	96

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL8.D
Acq On : 29 Aug 2025 08:14 am
Operator : SV134:mrg
Sample : IL3,32,,ABNL100 Lot# 11935
Misc : WG2110324
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 30 06:27:43 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
13) Benzyl alcohol	3.889	79	492235	100.735	ug/ml	97
14) Bis(2-chloroisopropyl)...	4.013	45	956976	92.280	ug/ml#	78
15) 2-Methylphenol	4.001	108	541269	98.775	ug/ml	98
16) Hexachloroethane	4.187	117	256153	100.174	ug/ml#	46
17) n-Nitrosodi-n-propylamine	4.128	70	427385	100.549	ug/ml	94
18) 3-Methylphenol/4-Methy...	4.144	108	576078	98.171	ug/ml	95
20) Nitrobenzene	4.252	77	592769	95.862	ug/ml	97
21) Isophorone	4.470	82	1163910	99.460	ug/ml	99
22) 2-Nitrophenol	4.532	139	256578	81.968	ug/ml	95
23) 2,4-Dimethylphenol	4.604	107	607496	98.321	ug/ml	98
24) Bis(2-chloroethoxy)met...	4.678	93	731948	99.443	ug/ml#	97
25) 2,4-Dichlorophenol	4.750	162	552022	91.808	ug/ml#	94
26) 1,2,4-Trichlorobenzene	4.818	180	605621	89.673	ug/ml	98
36) Naphthalene	4.877	128	1795709	98.727	ug/ml	100
37) Benzoic Acid	4.740	105	370887	88.594	ug/ml	98
38) 4-Chloroaniline	4.939	65	241505	105.414	ug/ml	79
39) Hexachlorobutadiene	5.008	225	373839	100.787	ug/ml	100
40) p-Chloro-m-cresol	5.390	107	538572	101.062	ug/ml	96
41) 2-Methylnaphthalene	5.490	142	1129827	94.604	ug/ml	95
42) 1-Methylnaphthalene	5.573	115	395305	94.056	ug/ml	77
43) Hexachlorocyclopentadiene	5.642	237	381293	91.301	ug/ml	98
44) 2,4,6-Trichlorophenol	5.751	196	411490	91.268	ug/ml	99
45) 2,4,5-Trichlorophenol	5.779	196	460436	90.255	ug/ml	97
47) 2-Chloronaphthalene	5.912	162	1202526	90.333	ug/ml	96
48) 2-Nitroaniline	6.015	138	355710	88.364	ug/ml	91
49) 1,4-Dinitrobenzene	6.139	168	160598	81.266	ug/ml	79
50) 1,3-Dinitrobenzene	6.208	168	183404	82.672	ug/ml	80
51) Dimethyl phthalate	6.201	163	1432063	88.574	ug/ml#	99
52) Acenaphthylene	6.273	152	1988129	93.614	ug/ml	99
53) 2,6-Dinitrotoluene	6.239	165	287980	85.633	ug/ml#	87
54) 1,2-Dinitrobenzene	6.282	168	122287	81.122	ug/ml	94
64) 3-Nitroaniline	6.382	138	336875	99.669	ug/ml	94
65) Acenaphthene	6.428	154	1118354	100.817	ug/ml	96
66) 2,4-Dinitrophenol	6.472	184	122727	72.901	ug/ml#	86
67) Dibenzofuran	6.584	168	1750668	101.465	ug/ml	92
68) 2,4-Dinitrotoluene	6.593	165	391615	95.691	ug/ml#	86
69) 4-Nitrophenol	6.559	65	270626	109.715	ug/ml	89
70) 2,3,5,6-Tetrachlorophenol	6.664	232	369540	101.640	ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL8.D
Acq On : 29 Aug 2025 08:14 am
Operator : SV134:mrg
Sample : IL3,32,,ABNL100 Lot# 11935
Misc : WG2110324
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 30 06:27:43 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) 2,3,4,6-Tetrachlorophenol	6.702	232	366216	98.827	ug/ml	98
72) Diethyl phthalate	6.826	149	1457857	101.643	ug/ml	95
73) Fluorene	6.882	166	1422000	101.822	ug/ml	94
74) 4-Chlorophenyl phenyl ...	6.898	204	695671	101.149	ug/ml#	88
75) 4-Nitroaniline	6.922	138	337675	95.494	ug/ml	87
76) 4,6-Dinitro-o-cresol	6.950	198	189956	91.201	ug/ml#	87
77) NDPA/DPA	7.006	169	1227435	100.673	ug/ml	99
78) Azobenzene	7.037	77	1332599	107.969	ug/ml#	87
80) 4-Bromophenyl phenyl e...	7.323	248	429497	98.810	ug/ml	90
81) Hexachlorobenzene	7.370	284	478344	91.904	ug/ml#	84
82) Pentachlorophenol	7.547	266	303241	97.758	ug/ml	100
89) Phenanthrene	7.721	178	2180083	95.965	ug/ml	99
90) Anthracene	7.765	178	2239607	99.024	ug/ml	98
91) Carbazole	7.917	167	2101579	98.707	ug/ml	100
92) Di-n-butylphthalate	8.268	149	2472127	104.016	ug/ml#	98
93) Fluoranthene	8.766	202	2591413	101.492	ug/ml#	87
94) Benzidine	8.912	184	1660198	103.986	ug/ml#	91
95) Pyrene	8.971	202	2686612	99.634	ug/ml	100
97) Butyl benzyl phthalate	9.704	149	1158022	108.869	ug/ml#	83
105) Benzo(a)anthracene	10.301	228	2858388	97.326	ug/ml	99
106) 3,3'-Dichlorobenzidine	10.310	252	1079153	103.332	ug/ml#	95
107) Chrysene	10.351	228	2679038	95.595	ug/ml	99
108) Bis(2-ethylhexyl)phtha...	10.475	149	1772765	100.799	ug/ml#	96
109) Di-n-octylphthalate	11.423	149	3120426	111.715	ug/ml	99
110) Benzo(b)fluoranthene	11.802	252	2877943	99.873	ug/ml#	91
111) Benzo(k)fluoranthene	11.846	252	2783187	98.381	ug/ml#	91
112) Benzo(a)pyrene	12.272	252	2705931	102.321	ug/ml#	91
114) Indeno(1,2,3-cd)pyrene	13.937	276	2734875	103.452	ug/mL#	88
115) Dibenzo(a,h)anthracene	13.997	278	2702541	102.151	ug/ml#	89
116) Benzo(ghi)perylene	14.310	276	2763718	99.994	ug/ml#	73

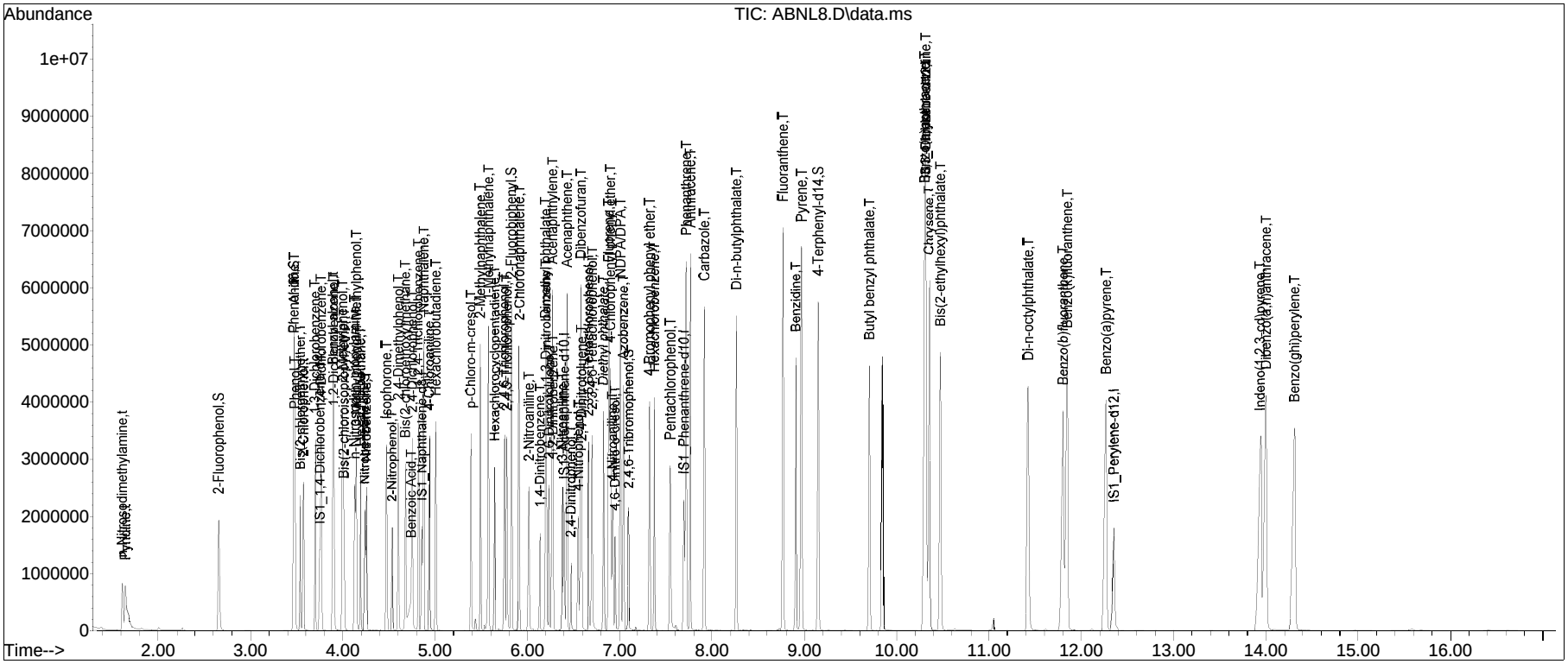
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL8.D
Acq On : 29 Aug 2025 08:14 am
Operator : SV134:mrg
Sample : IL3,32,,ABNL100 Lot# 11935
Misc : WG2110324
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 30 06:27:43 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublistAL\AP9L7a.D•



Manual Integration Report

Data Path	: I:\8270\SV134\250829ICAL\	QMethod	: FS250829SV134.m
Data File	: ABNL8.D	Operator	: SV134:mrg
Date Inj'd	: 8/29/2025 8:14 am	Instrument	: SV134
Sample	: IL3,32,,ABNL100 Lot# 11935	Quant Date	: 8/30/2025 6:16 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL7.D
Acq On : 29 Aug 2025 08:35 am
Operator : SV134:mrg
Sample : IL4,32,,ABNL50 Lot# 11936
Misc : WG2110324
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 30 06:27:26 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:27:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.752	152	172582	40.000	ug/ml	0.00
Standard Area 1 = 172582			Recovery = 100.00%			
35) IS1_Naphthalene-d8	4.855	136	650848	40.000	ug/ml	0.00
Standard Area 1 = 650848			Recovery = 100.00%			
63) IS1_Acenaphthene-d10	6.397	164	375218	40.000	ug/ml	0.00
Standard Area 1 = 375218			Recovery = 100.00%			
88) IS1_Phenanthrene-d10	7.696	188	773730	40.000	ug/ml #	0.00
Standard Area 1 = 773730			Recovery = 100.00%			
104) IS1_Chrysene-d12	10.310	240	823112	40.000	ug/ml #	0.00
Standard Area 1 = 823112			Recovery = 100.00%			
113) IS1_Perylene-d12	12.343	264	885263	40.000	ug/ml	0.00
Standard Area 1 = 885263			Recovery = 100.00%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.655	112	247409	52.183	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 104.37%			
7) Phenol-d6	3.466	99	313310	52.845	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 105.69%			
19) Nitrobenzene-d5	4.234	82	268129	57.436	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 229.74%#			
46) 2-Fluorobiphenyl	5.825	172	696848	49.791	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 199.16%#			
79) 2,4,6-Tribromophenol	7.093	330	97689	58.219	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 116.44%#			
96) 4-Terphenyl-d14	9.151	244	999910	51.317	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 205.27%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.614	74	167368	50.968	ug/ml#	85
3) Pyridine	1.645	79	237669	57.487	ug/ml#	46
5) Aniline	3.469	93	427414	50.541	ug/ml#	83
6) 2-Chlorophenol	3.572	128	291144	52.252	ug/ml	93
8) Phenol	3.475	94	371442	51.736	ug/ml#	82
9) Bis(2-chloroethyl)ether	3.537	93	266770	50.397	ug/ml#	76
10) 1,3-Dichlorobenzene	3.702	146	334981	49.849	ug/ml	95
11) 1,4-Dichlorobenzene	3.764	146	342241	49.094	ug/ml	96
12) 1,2-Dichlorobenzene	3.895	146	328021	49.730	ug/ml	95

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL7.D
Acq On : 29 Aug 2025 08:35 am
Operator : SV134:mrg
Sample : IL4,32,,ABNL50 Lot# 11936
Misc : WG2110324
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 30 06:27:26 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:27:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
13) Benzyl alcohol	3.886	79	232897	55.316	ug/ml	98
14) Bis(2-chloroisopropyl)...	4.013	45	462915	50.151	ug/ml#	78
15) 2-Methylphenol	3.997	108	258166	51.428	ug/ml	98
16) Hexachloroethane	4.187	117	120028	50.898	ug/ml#	45
17) n-Nitrosodi-n-propylamine	4.122	70	204468	51.580	ug/ml	94
18) 3-Methylphenol/4-Methy...	4.137	108	274177	52.524	ug/ml	95
20) Nitrobenzene	4.249	77	281999	57.831	ug/ml	97
21) Isophorone	4.467	82	562112	50.932	ug/ml	99
22) 2-Nitrophenol	4.532	139	116155	64.205	ug/ml	95
23) 2,4-Dimethylphenol	4.597	107	290630	52.680	ug/ml	99
24) Bis(2-chloroethoxy)met...	4.675	93	355758	51.203	ug/ml#	97
25) 2,4-Dichlorophenol	4.747	162	263164	55.783	ug/ml	94
26) 1,2,4-Trichlorobenzene	4.815	180	292184	49.397	ug/ml	98
36) Naphthalene	4.874	128	874342	49.071	ug/ml	100
37) Benzoic Acid	4.709	105	156389	86.762	ug/ml	96
38) 4-Chloroaniline	4.936	65	117482	52.233	ug/ml	79
39) Hexachlorobutadiene	5.008	225	177450	49.582	ug/ml	99
40) p-Chloro-m-cresol	5.387	107	258342	55.172	ug/ml	96
41) 2-Methylnaphthalene	5.486	142	551323	50.641	ug/ml	95
42) 1-Methylnaphthalene	5.573	115	192866	50.162	ug/ml	76
43) Hexachlorocyclopentadiene	5.642	237	172795	60.132	ug/ml	98
44) 2,4,6-Trichlorophenol	5.747	196	200169	57.613	ug/ml	99
45) 2,4,5-Trichlorophenol	5.775	196	223644	56.430	ug/ml	98
47) 2-Chloronaphthalene	5.909	162	599446	50.279	ug/ml	96
48) 2-Nitroaniline	6.012	138	165525	65.672	ug/ml	91
49) 1,4-Dinitrobenzene	6.136	168	73390	70.794	ug/ml	82
50) 1,3-Dinitrobenzene	6.201	168	86511	70.525	ug/ml	80
51) Dimethyl phthalate	6.198	163	724939	51.113	ug/ml#	99
52) Acenaphthylene	6.270	152	1003249	51.100	ug/ml	99
53) 2,6-Dinitrotoluene	6.235	165	137075	64.715	ug/ml#	88
54) 1,2-Dinitrobenzene	6.276	168	58334	64.638	ug/ml	99
64) 3-Nitroaniline	6.375	138	163743	64.598	ug/ml	95
65) Acenaphthene	6.425	154	561630	49.612	ug/ml	96
66) 2,4-Dinitrophenol	6.468	184	55090	81.484	ug/ml	88
67) Dibenzofuran	6.580	168	883621	49.322	ug/ml	91
68) 2,4-Dinitrotoluene	6.587	165	189135	66.648	ug/ml#	87
69) 4-Nitrophenol	6.552	65	131560	68.758	ug/ml	89
70) 2,3,5,6-Tetrachlorophenol	6.661	232	174986	61.441	ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL7.D
Acq On : 29 Aug 2025 08:35 am
Operator : SV134:mrg
Sample : IL4,32,,ABNL50 Lot# 11936
Misc : WG2110324
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 30 06:27:26 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:27:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71)	2,3,4,6-Tetrachlorophenol	6.698	232	181705	58.321	ug/ml	98
72)	Diethyl phthalate	6.823	149	742961	52.090	ug/ml	96
73)	Fluorene	6.879	166	726684	50.710	ug/ml	95
74)	4-Chlorophenyl phenyl ...	6.894	204	345839	48.567	ug/ml#	87
75)	4-Nitroaniline	6.910	138	165256	62.950	ug/ml	86
76)	4,6-Dinitro-o-cresol	6.944	198	86411	78.075	ug/ml#	88
77)	NDPA/DPA	7.003	169	625516	50.258	ug/ml	99
78)	Azobenzene	7.034	77	678188	51.035	ug/ml#	87
80)	4-Bromophenyl phenyl e...	7.320	248	212743	50.116	ug/ml	91
81)	Hexachlorobenzene	7.367	284	238926	49.367	ug/ml#	85
82)	Pentachlorophenol	7.547	266	140403	73.454	ug/ml	99
89)	Phenanthrene	7.718	178	1115931	48.246	ug/ml	98
90)	Anthracene	7.761	178	1150745	50.544	ug/ml	98
91)	Carbazole	7.914	167	1083337	50.152	ug/ml	99
92)	Di-n-butylphthalate	8.265	149	1285713	56.948	ug/ml#	97
93)	Fluoranthene	8.762	202	1343283	51.513	ug/ml#	86
94)	Benzidine	8.908	184	827386	58.317	ug/ml#	91
95)	Pyrene	8.964	202	1391970	50.813	ug/ml	99
97)	Butyl benzyl phthalate	9.701	149	570636	65.846	ug/ml#	82
105)	Benzo(a)anthracene	10.298	228	1436847	50.659	ug/ml	98
106)	3,3'-Dichlorobenzidine	10.304	252	527197	55.964	ug/ml#	95
107)	Chrysene	10.341	228	1335379	48.481	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	10.472	149	881817	62.216	ug/ml#	95
109)	Di-n-octylphthalate	11.417	149	1520362	68.591	ug/ml	99
110)	Benzo(b)fluoranthene	11.793	252	1350262	51.728	ug/ml#	91
111)	Benzo(k)fluoranthene	11.833	252	1355350	50.828	ug/ml#	91
112)	Benzo(a)pyrene	12.259	252	1303541	53.434	ug/ml#	90
114)	Indeno(1,2,3-cd)pyrene	13.925	276	1283327	55.035	ug/mL#	88
115)	Dibenzo(a,h)anthracene	13.978	278	1265080	53.624	ug/ml#	89
116)	Benzo(ghi)perylene	14.292	276	1305723	52.742	ug/ml#	72

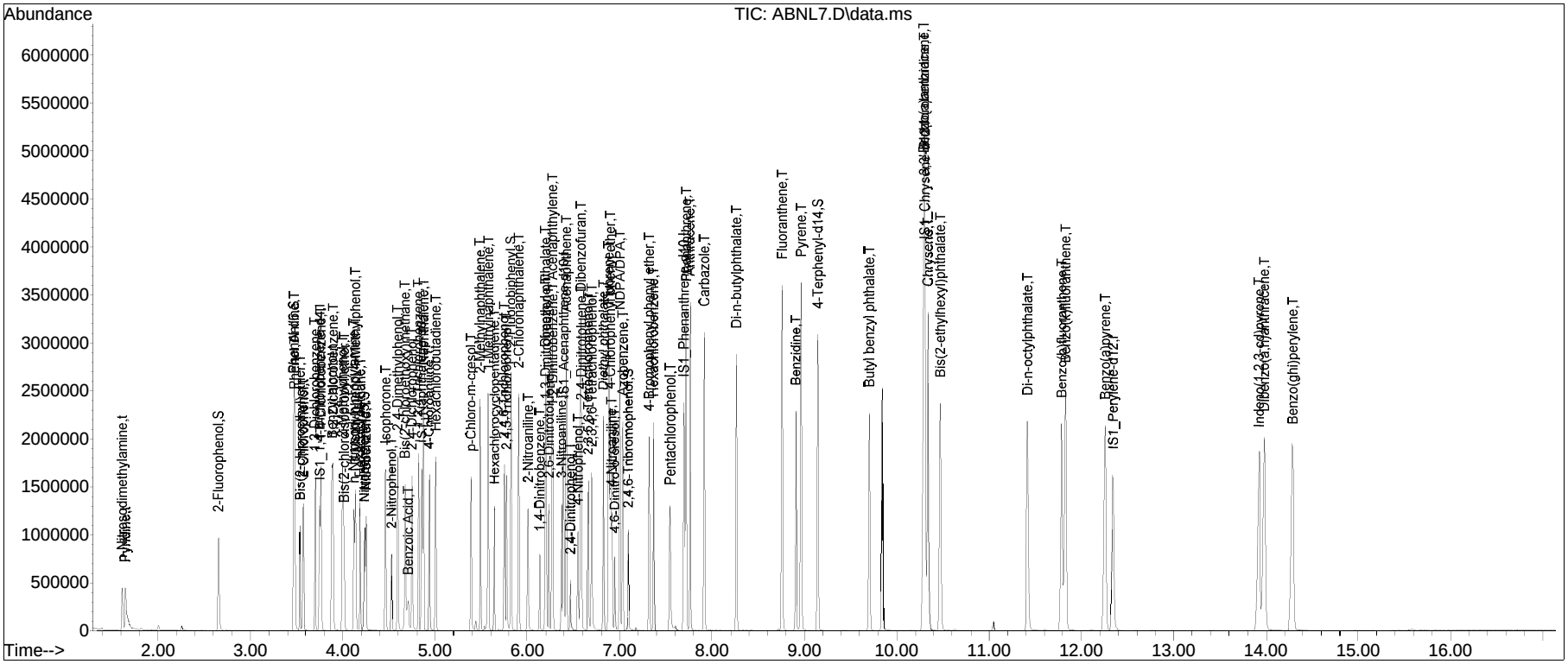
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL7.D
Acq On : 29 Aug 2025 08:35 am
Operator : SV134:mrg
Sample : IL4,32,,ABNL50 Lot# 11936
Misc : WG2110324
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 30 06:27:26 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:27:54 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublistAL\AP9L7a.D•



Manual Integration Report

Data Path	: I:\8270\SV134\250829ICAL\	QMethod	: FS250829SV134.m
Data File	: ABNL7.D	Operator	: SV134:mrg
Date Inj'd	: 8/29/2025 8:35 am	Instrument	: SV134
Sample	: IL4,32,,ABNL50 Lot# 11936	Quant Date	: 8/30/2025 6:28 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL6.D
Acq On : 29 Aug 2025 08:56 am
Operator : SV134:mrg
Sample : IL5,32,,ABNL25 Lot# 11937
Misc : WG2110324
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 30 06:26:15 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.752	152	178836	40.000	ug/ml		0.00
Standard Area 1 = 172582			Recovery = 103.62%				
35) IS1_Naphthalene-d8	4.855	136	683897	40.000	ug/ml		0.00
Standard Area 1 = 650848			Recovery = 105.08%				
63) IS1_Acenaphthene-d10	6.400	164	400862	40.000	ug/ml		0.00
Standard Area 1 = 375218			Recovery = 106.83%				
88) IS1_Phenanthrene-d10	7.696	188	819247	40.000	ug/ml	#	0.00
Standard Area 1 = 773730			Recovery = 105.88%				
104) IS1_Chrysene-d12	10.310	240	848766	40.000	ug/ml	#	0.00
Standard Area 1 = 823112			Recovery = 103.12%				
113) IS1_Perylene-d12	12.349	264	891551	40.000	ug/ml		0.00
Standard Area 1 = 885263			Recovery = 100.71%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.655	112	140837	29.169	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 58.34%				
7) Phenol-d6	3.463	99	177184	27.608	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 55.22%				
19) Nitrobenzene-d5	4.234	82	151171	25.964	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.86%				
46) 2-Fluorobiphenyl	5.822	172	414354	26.841	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 107.36%				
79) 2,4,6-Tribromophenol	7.090	330	56877	24.185	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 48.37%				
96) 4-Terphenyl-d14	9.151	244	581689	28.387	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 113.55%				
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	1.610	74	95386	29.435	ug/ml	#	86
3) Pyridine	1.644	79	129729	29.468	ug/ml	#	48
5) Aniline	3.469	93	248276	28.420	ug/ml	#	84
6) 2-Chlorophenol	3.571	128	165752	27.300	ug/ml		93
8) Phenol	3.475	94	214920	28.580	ug/ml	#	83
9) Bis(2-chloroethyl)ether	3.537	93	152949	28.593	ug/ml	#	75
10) 1,3-Dichlorobenzene	3.702	146	192583	27.992	ug/ml		95
11) 1,4-Dichlorobenzene	3.764	146	195512	27.716	ug/ml		96
12) 1,2-Dichlorobenzene	3.895	146	188102	27.364	ug/ml		95

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL6.D
Acq On : 29 Aug 2025 08:56 am
Operator : SV134:mrg
Sample : IL5,32,,ABNL25 Lot# 11937
Misc : WG2110324
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 30 06:26:15 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
13) Benzyl alcohol	3.882	79	132935	28.272	ug/ml	98
14) Bis(2-chloroisopropyl)...	4.010	45	267740	26.830	ug/ml#	78
15) 2-Methylphenol	3.997	108	149524	28.356	ug/ml	99
16) Hexachloroethane	4.187	117	68919	28.009	ug/ml#	46
17) n-Nitrosodi-n-propylamine	4.122	70	119425	29.198	ug/ml	94
18) 3-Methylphenol/4-Methy...	4.137	108	159248	28.202	ug/ml	95
20) Nitrobenzene	4.249	77	158642	26.662	ug/ml	96
21) Isophorone	4.464	82	328360	29.160	ug/ml	99
22) 2-Nitrophenol	4.532	139	64321	21.354	ug/ml	95
23) 2,4-Dimethylphenol	4.597	107	167144	28.113	ug/ml	98
24) Bis(2-chloroethoxy)met...	4.675	93	208731	29.471	ug/ml	98
25) 2,4-Dichlorophenol	4.746	162	151484	26.182	ug/ml#	94
26) 1,2,4-Trichlorobenzene	4.815	180	170538	26.242	ug/ml	98
36) Naphthalene	4.874	128	515774	28.661	ug/ml	99
37) Benzoic Acid	4.687	105	79586	19.215	ug/ml	100
38) 4-Chloroaniline	4.936	65	68113	30.049	ug/ml	81
39) Hexachlorobutadiene	5.007	225	103114	28.098	ug/ml	100
40) p-Chloro-m-cresol	5.387	107	150504	28.545	ug/ml	96
41) 2-Methylnaphthalene	5.486	142	322757	27.315	ug/ml	94
42) 1-Methylnaphthalene	5.570	115	111679	26.857	ug/ml#	73
43) Hexachlorocyclopentadiene	5.642	237	96260	23.297	ug/ml	97
44) 2,4,6-Trichlorophenol	5.747	196	116811	26.186	ug/ml	100
45) 2,4,5-Trichlorophenol	5.775	196	127190	25.199	ug/ml	96
47) 2-Chloronaphthalene	5.909	162	357723	27.160	ug/ml	95
48) 2-Nitroaniline	6.011	138	93106	23.377	ug/ml	91
49) 1,4-Dinitrobenzene	6.133	168	40894	20.915	ug/ml	80
50) 1,3-Dinitrobenzene	6.201	168	47852	21.801	ug/ml	83
51) Dimethyl phthalate	6.195	163	427647	26.734	ug/ml#	99
52) Acenaphthylene	6.269	152	593110	28.227	ug/ml	98
53) 2,6-Dinitrotoluene	6.232	165	79177	23.796	ug/ml#	88
54) 1,2-Dinitrobenzene	6.272	168	33184	22.249	ug/ml	100
64) 3-Nitroaniline	6.372	138	92593	26.793	ug/ml	96
65) Acenaphthene	6.425	154	331520	29.229	ug/ml	96
66) 2,4-Dinitrophenol	6.468	184	28875	17.520	ug/ml	89
67) Dibenzofuran	6.580	168	528878	29.979	ug/ml	93
68) 2,4-Dinitrotoluene	6.583	165	107479	25.685	ug/ml	88
69) 4-Nitrophenol	6.549	65	73474	29.133	ug/ml	87
70) 2,3,5,6-Tetrachlorophenol	6.661	232	98235	26.425	ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL6.D
Acq On : 29 Aug 2025 08:56 am
Operator : SV134:mrg
Sample : IL5,32,,ABNL25 Lot# 11937
Misc : WG2110324
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 30 06:26:15 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) 2,3,4,6-Tetrachlorophenol	6.698	232	102583	27.074	ug/ml	98
72) Diethyl phthalate	6.820	149	440482	30.036	ug/ml	96
73) Fluorene	6.879	166	432813	30.310	ug/ml	94
74) 4-Chlorophenyl phenyl ...	6.894	204	207834	29.555	ug/ml#	88
75) 4-Nitroaniline	6.907	138	94229	26.062	ug/ml#	84
76) 4,6-Dinitro-o-cresol	6.941	198	45842	21.526	ug/ml#	87
77) NDPA/DPA	7.003	169	372773	29.903	ug/ml	98
78) Azobenzene	7.031	77	398086	31.544	ug/ml#	86
80) 4-Bromophenyl phenyl e...	7.320	248	127089	28.595	ug/ml	90
81) Hexachlorobenzene	7.367	284	140839	26.465	ug/ml#	85
82) Pentachlorophenol	7.544	266	73062	23.036	ug/ml	98
89) Phenanthrene	7.718	178	663855	28.299	ug/ml	98
90) Anthracene	7.761	178	684320	29.301	ug/ml	97
91) Carbazole	7.914	167	646132	29.389	ug/ml	98
92) Di-n-butylphthalate	8.268	149	748897	30.515	ug/ml#	97
93) Fluoranthene	8.762	202	783937	29.733	ug/ml#	86
94) Benzidine	8.908	184	467406	28.351	ug/ml#	91
95) Pyrene	8.964	202	818492	29.395	ug/ml	99
97) Butyl benzyl phthalate	9.704	149	309967	28.220	ug/ml#	81
105) Benzo(a)anthracene	10.294	228	816087	28.173	ug/ml	98
106) 3,3'-Dichlorobenzidine	10.304	252	293083	28.453	ug/ml#	94
107) Chrysene	10.341	228	776682	28.099	ug/ml	97
108) Bis(2-ethylhexyl)phtha...	10.475	149	495193	28.547	ug/ml#	96
109) Di-n-octylphthalate	11.420	149	827340	30.031	ug/ml	99
110) Benzo(b)fluoranthene	11.789	252	758168	26.676	ug/ml#	91
111) Benzo(k)fluoranthene	11.830	252	791138	28.353	ug/ml#	91
112) Benzo(a)pyrene	12.256	252	720412	27.620	ug/ml#	90
114) Indeno(1,2,3-cd)pyrene	13.919	276	705014	28.399	ug/mL#	88
115) Dibenzo(a,h)anthracene	13.974	278	698946	28.133	ug/ml#	88
116) Benzo(ghi)perylene	14.288	276	724661	27.920	ug/ml#	72

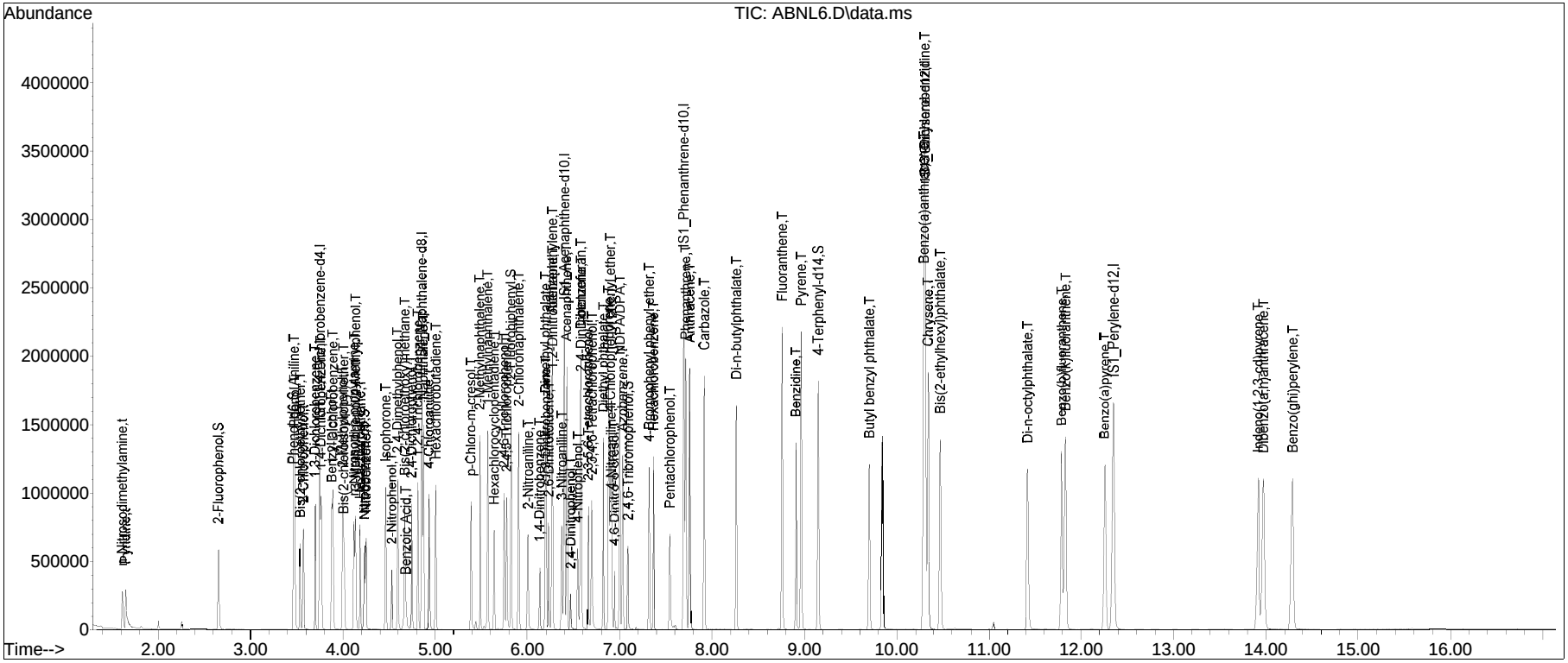
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL6.D
Acq On : 29 Aug 2025 08:56 am
Operator : SV134:mrg
Sample : IL5,32,,ABNL25 Lot# 11937
Misc : WG2110324
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 30 06:26:15 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublistAL\AP9L7a.D•



Manual Integration Report

Data Path	: I:\8270\SV134\250829ICAL\	QMethod	: FS250829SV134.m
Data File	: ABNL6.D	Operator	: SV134:mrg
Date Inj'd	: 8/29/2025 8:56 am	Instrument	: SV134
Sample	: IL5,32,,ABNL25 Lot# 11937	Quant Date	: 8/30/2025 6:16 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL5.D
Acq On : 29 Aug 2025 09:17 am
Operator : SV134:mrg
Sample : IL6,32,,ABNL10 Lot# 11938
Misc : WG2110324
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 30 06:25:22 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.752	152	176607	40.000	ug/ml	0.00
Standard Area 1 = 172582			Recovery = 102.33%			
35) IS1_Naphthalene-d8	4.855	136	683122	40.000	ug/ml	0.00
Standard Area 1 = 650848			Recovery = 104.96%			
63) IS1_Acenaphthene-d10	6.397	164	398569	40.000	ug/ml	0.00
Standard Area 1 = 375218			Recovery = 106.22%			
88) IS1_Phenanthrene-d10	7.696	188	821837	40.000	ug/ml #	0.00
Standard Area 1 = 773730			Recovery = 106.22%			
104) IS1_Chrysene-d12	10.307	240	840225	40.000	ug/ml #	0.00
Standard Area 1 = 823112			Recovery = 102.08%			
113) IS1_Perylene-d12	12.346	264	891289	40.000	ug/ml	0.00
Standard Area 1 = 885263			Recovery = 100.68%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.655	112	48464	10.164	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 20.33%			
7) Phenol-d6	3.463	99	61737	9.741	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 19.48%			
19) Nitrobenzene-d5	4.234	82	49407	8.593	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 34.37%			
46) 2-Fluorobiphenyl	5.822	172	148439	9.627	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 38.51%			
79) 2,4,6-Tribromophenol	7.090	330	18671	7.985	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 15.97%			
96) 4-Terphenyl-d14	9.151	244	204926	9.969	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 39.88%			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.613	74	33267	10.395	ug/ml#	84
3) Pyridine	1.654	79	45322M1	10.425	ug/ml	
5) Aniline	3.469	93	86067	9.976	ug/ml#	84
6) 2-Chlorophenol	3.572	128	57952	9.665	ug/ml	92
8) Phenol	3.475	94	73144	9.849	ug/ml#	80
9) Bis(2-chloroethyl)ether	3.537	93	53012	10.036	ug/ml#	75
10) 1,3-Dichlorobenzene	3.702	146	68005	10.009	ug/ml	95
11) 1,4-Dichlorobenzene	3.764	146	68467	9.829	ug/ml	96
12) 1,2-Dichlorobenzene	3.895	146	66255	9.760	ug/ml	96

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL5.D
Acq On : 29 Aug 2025 09:17 am
Operator : SV134:mrg
Sample : IL6,32,,ABNL10 Lot# 11938
Misc : WG2110324
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 30 06:25:22 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
13) Benzyl alcohol	3.882	79	44822	9.653	ug/ml	97
14) Bis(2-chloroisopropyl)...	4.010	45	95022	9.642	ug/ml#	78
15) 2-Methylphenol	3.997	108	52733	10.127	ug/ml	98
16) Hexachloroethane	4.187	117	23769	9.782	ug/ml#	44
17) n-Nitrosodi-n-propylamine	4.122	70	41315	10.229	ug/ml	93
18) 3-Methylphenol/4-Methy...	4.137	108	54867	9.839	ug/ml	94
20) Nitrobenzene	4.249	77	53313	9.073	ug/ml	95
21) Isophorone	4.464	82	115590	10.395	ug/ml	100
22) 2-Nitrophenol	4.532	139	19680	6.616	ug/ml	93
23) 2,4-Dimethylphenol	4.597	107	57427	9.781	ug/ml	99
24) Bis(2-chloroethoxy)met...	4.675	93	72483	10.363	ug/ml#	97
25) 2,4-Dichlorophenol	4.746	162	51644	9.039	ug/ml#	94
26) 1,2,4-Trichlorobenzene	4.815	180	60026	9.353	ug/ml	98
36) Naphthalene	4.874	128	184006	10.237	ug/ml	99
37) Benzoic Acid	4.666	105	19762	4.777	ug/ml	93
38) 4-Chloroaniline	4.936	65	23824	10.522	ug/ml	81
39) Hexachlorobutadiene	5.008	225	36501	9.957	ug/ml	99
40) p-Chloro-m-cresol	5.387	107	50469	9.583	ug/ml	98
41) 2-Methylnaphthalene	5.486	142	115290	9.768	ug/ml	95
42) 1-Methylnaphthalene	5.570	115	38880	9.361	ug/ml#	70
43) Hexachlorocyclopentadiene	5.642	237	31370	7.601	ug/ml#	98
44) 2,4,6-Trichlorophenol	5.747	196	38569	8.656	ug/ml	99
45) 2,4,5-Trichlorophenol	5.775	196	44797	8.885	ug/ml	99
47) 2-Chloronaphthalene	5.909	162	125639	9.550	ug/ml	95
48) 2-Nitroaniline	6.011	138	27655	6.951	ug/ml	91
49) 1,4-Dinitrobenzene	6.133	168	11669	5.975	ug/ml	88
50) 1,3-Dinitrobenzene	6.201	168	13886	6.334	ug/ml	93
51) Dimethyl phthalate	6.192	163	151871	9.505	ug/ml#	99
52) Acenaphthylene	6.269	152	210465	10.028	ug/ml	98
53) 2,6-Dinitrotoluene	6.232	165	24435	7.352	ug/ml	92
54) 1,2-Dinitrobenzene	6.269	168	10402	6.982	ug/ml	91
64) 3-Nitroaniline	6.372	138	29412	8.560	ug/ml	94
65) Acenaphthene	6.425	154	117632	10.431	ug/ml	95
66) 2,4-Dinitrophenol	6.465	184	7838	5.487	ug/ml	91
67) Dibenzofuran	6.577	168	188693	10.757	ug/ml	92
68) 2,4-Dinitrotoluene	6.583	165	32955	7.921	ug/ml	89
69) 4-Nitrophenol	6.546	65	21756	8.676	ug/ml	89
70) 2,3,5,6-Tetrachlorophenol	6.661	232	31231	8.449	ug/ml	98

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL5.D
Acq On : 29 Aug 2025 09:17 am
Operator : SV134:mrg
Sample : IL6,32,,ABNL10 Lot# 11938
Misc : WG2110324
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 30 06:25:22 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71)	2,3,4,6-Tetrachlorophenol	6.698	232	33784	8.968	ug/ml	99
72)	Diethyl phthalate	6.816	149	155664	10.676	ug/ml	97
73)	Fluorene	6.879	166	151048	10.639	ug/ml	93
74)	4-Chlorophenyl phenyl ...	6.894	204	74033	10.588	ug/ml#	87
75)	4-Nitroaniline	6.904	138	30200	8.401	ug/ml#	81
76)	4,6-Dinitro-o-cresol	6.938	198	13149	6.210	ug/ml#	87
77)	NDPA/DPA	7.000	169	132841	10.717	ug/ml	99
78)	Azobenzene	7.031	77	140933	11.232	ug/ml#	87
80)	4-Bromophenyl phenyl e...	7.320	248	45157	10.219	ug/ml	91
81)	Hexachlorobenzene	7.367	284	50123	9.473	ug/ml#	85
82)	Pentachlorophenol	7.547	266	20986	6.655	ug/ml	98
89)	Phenanthrene	7.715	178	240594	10.224	ug/ml	97
90)	Anthracene	7.761	178	242545	10.353	ug/ml	97
91)	Carbazole	7.914	167	229976	10.427	ug/ml	99
92)	Di-n-butylphthalate	8.268	149	254465	10.336	ug/ml#	97
93)	Fluoranthene	8.762	202	274919	10.394	ug/ml#	86
94)	Benzidine	8.908	184	157012	9.494	ug/ml#	90
95)	Pyrene	8.964	202	290800	10.411	ug/ml	98
97)	Butyl benzyl phthalate	9.701	149	95089	8.630	ug/ml#	83
105)	Benzo(a)anthracene	10.294	228	281678	9.823	ug/ml	98
106)	3,3'-Dichlorobenzidine	10.301	252	98489	9.659	ug/ml#	96
107)	Chrysene	10.338	228	278969	10.195	ug/ml	97
108)	Bis(2-ethylhexyl)phtha...	10.475	149	158085	9.206	ug/ml#	95
109)	Di-n-octylphthalate	11.420	149	248521	9.113	ug/ml	100
110)	Benzo(b)fluoranthene	11.786	252	260648	9.264	ug/ml#	91
111)	Benzo(k)fluoranthene	11.827	252	273414	9.898	ug/ml#	90
112)	Benzo(a)pyrene	12.253	252	246512	9.547	ug/ml#	90
114)	Indeno(1,2,3-cd)pyrene	13.912	276	233749	9.419	ug/mL#	88
115)	Dibenzo(a,h)anthracene	13.968	278	233063	9.384	ug/ml#	89
116)	Benzo(ghi)perylene	14.279	276	248400	9.573	ug/ml#	72

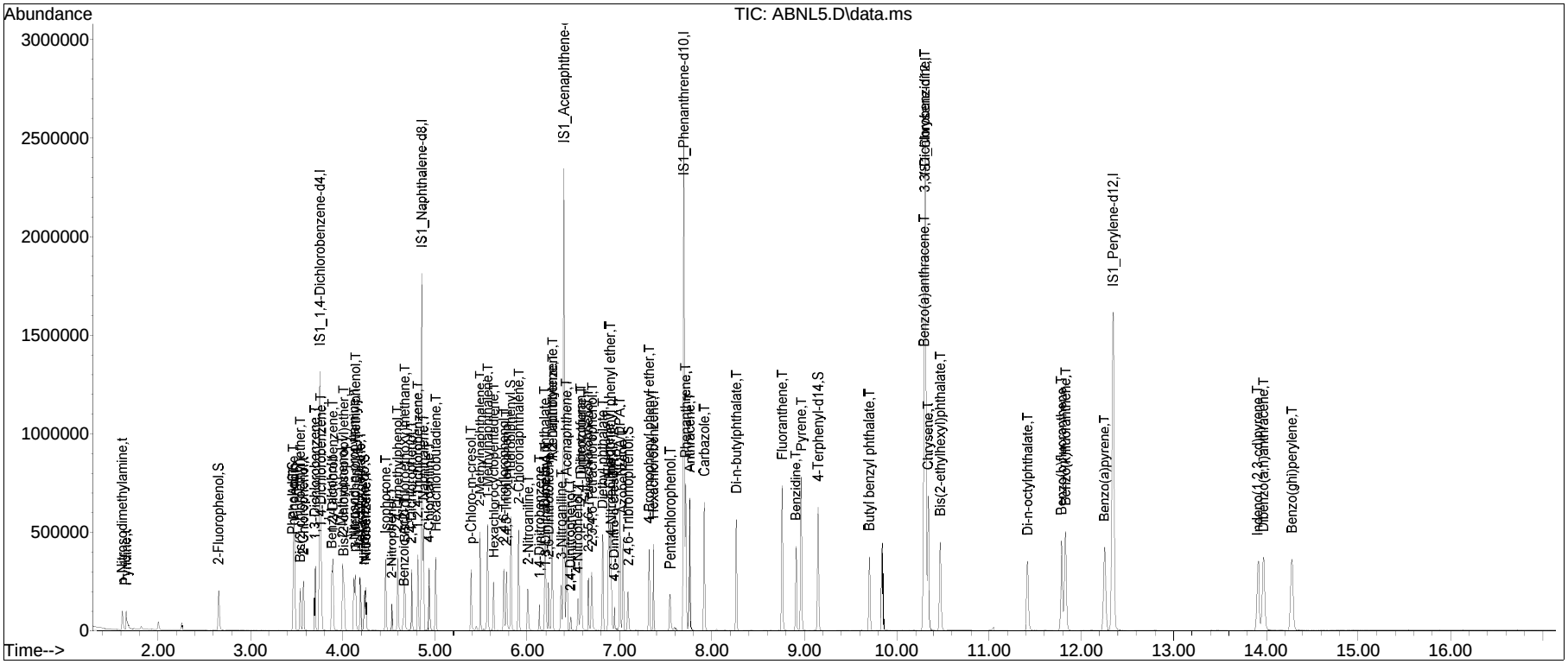
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL5.D
Acq On : 29 Aug 2025 09:17 am
Operator : SV134:mrg
Sample : IL6,32,,ABNL10 Lot# 11938
Misc : WG2110324
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 30 06:25:22 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

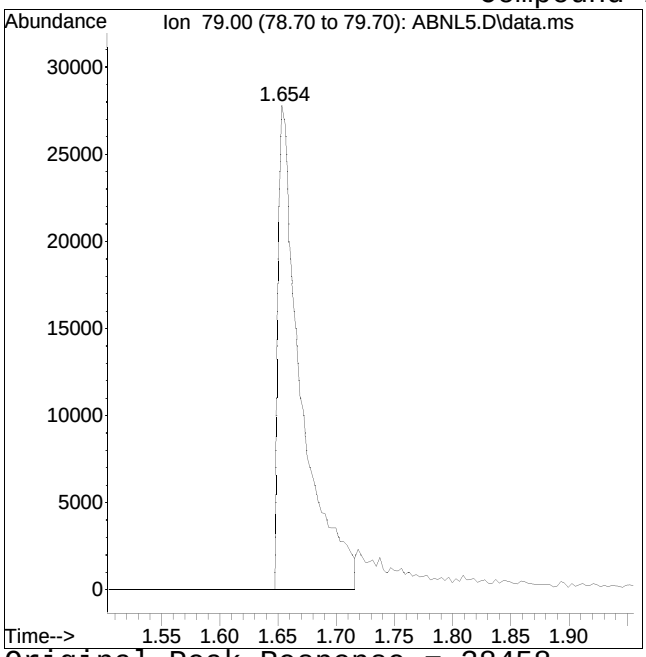
Sub List : ABNical - ABN ical sublistAL\AP9L7a.D•



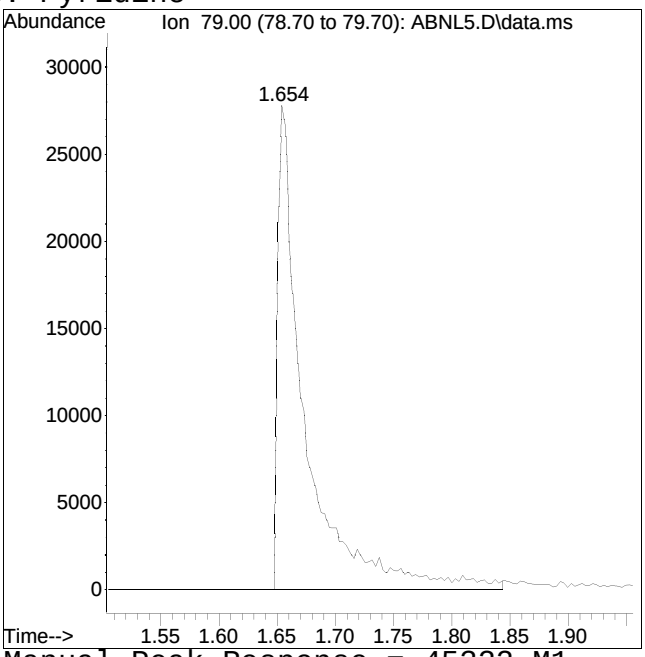
Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : ABNL5.D Operator : SV134:mrg
Date Inj'd : 8/29/2025 9:17 am Instrument : SV134
Sample : IL6,32,,ABNL10 Lot# 11938 Quant Date : 8/30/2025 6:16 am

Compound #3: Pyridine



Original Peak Response = 38458



Manual Peak Response = 45322 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL4.D
Acq On : 29 Aug 2025 09:38 am
Operator : SV134:mrg
Sample : IL7,32,,ABNL5 Lot# 11939
Misc : WG2110324
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 30 06:24:33 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.752	152	173126	40.000	ug/ml	0.00
Standard Area 1 = 172582			Recovery = 100.32%			
35) IS1_Naphthalene-d8	4.855	136	650081	40.000	ug/ml	0.00
Standard Area 1 = 650848			Recovery = 99.88%			
63) IS1_Acenaphthene-d10	6.397	164	378306	40.000	ug/ml	0.00
Standard Area 1 = 375218			Recovery = 100.82%			
88) IS1_Phenanthrene-d10	7.696	188	787529	40.000	ug/ml	# 0.00
Standard Area 1 = 773730			Recovery = 101.78%			
104) IS1_Chrysene-d12	10.307	240	846876	40.000	ug/ml	# 0.00
Standard Area 1 = 823112			Recovery = 102.89%			
113) IS1_Perylene-d12	12.346	264	911151	40.000	ug/ml	0.00
Standard Area 1 = 885263			Recovery = 102.92%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.655	112	23310	4.987	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 9.97%#			
7) Phenol-d6	3.463	99	28804	4.636	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 9.27%#			
19) Nitrobenzene-d5	4.234	82	22441	3.981	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 15.92%#			
46) 2-Fluorobiphenyl	5.822	172	69225	4.718	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 18.87%#			
79) 2,4,6-Tribromophenol	7.090	330	8201	3.695	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 7.39%#			
96) 4-Terphenyl-d14	9.151	244	98952	5.024	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 20.10%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.617	74	15803	5.037	ug/ml#	83
3) Pyridine	1.660	79	19869M1	4.662	ug/ml	
5) Aniline	3.469	93	40355	4.772	ug/ml#	82
6) 2-Chlorophenol	3.572	128	26637	4.532	ug/ml#	91
8) Phenol	3.475	94	35339	4.854	ug/ml#	82
9) Bis(2-chloroethyl)ether	3.538	93	25764	4.975	ug/ml#	78
10) 1,3-Dichlorobenzene	3.702	146	32469	4.875	ug/ml	94
11) 1,4-Dichlorobenzene	3.768	146	33855	4.958	ug/ml	98
12) 1,2-Dichlorobenzene	3.895	146	32435	4.874	ug/ml	94

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL4.D
Acq On : 29 Aug 2025 09:38 am
Operator : SV134:mrg
Sample : IL7,32,,ABNL5 Lot# 11939
Misc : WG2110324
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 30 06:24:33 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
13) Benzyl alcohol	3.883	79	20094	4.414	ug/ml	98
14) Bis(2-chloroisopropyl)...	4.013	45	45168	4.676	ug/ml#	79
15) 2-Methylphenol	3.998	108	24312	4.763	ug/ml	99
16) Hexachloroethane	4.187	117	11464	4.813	ug/ml#	47
17) n-Nitrosodi-n-propylamine	4.122	70	18899	4.773	ug/ml	94
18) 3-Methylphenol/4-Methy...	4.137	108	25054	4.583	ug/ml	97
20) Nitrobenzene	4.249	77	23369	4.057	ug/ml	95
21) Isophorone	4.464	82	53127	4.874	ug/ml	99
22) 2-Nitrophenol	4.532	139	9012	3.091	ug/ml	95
23) 2,4-Dimethylphenol	4.597	107	26457	4.597	ug/ml	98
24) Bis(2-chloroethoxy)met...	4.675	93	34315	5.005	ug/ml#	97
25) 2,4-Dichlorophenol	4.747	162	23259	4.153	ug/ml#	94
26) 1,2,4-Trichlorobenzene	4.815	180	28780	4.575	ug/ml	98
36) Naphthalene	4.874	128	87115	5.093	ug/ml	99
37) Benzoic Acid	4.657	105	7598M1	1.930	ug/ml	
38) 4-Chloroaniline	4.936	65	10964	5.089	ug/ml	86
39) Hexachlorobutadiene	5.008	225	17755	5.090	ug/ml	99
40) p-Chloro-m-cresol	5.387	107	22471	4.484	ug/ml	96
41) 2-Methylnaphthalene	5.486	142	53761	4.787	ug/ml	95
42) 1-Methylnaphthalene	5.570	115	18895	4.780	ug/ml	76
43) Hexachlorocyclopentadiene	5.639	237	13441	3.422	ug/ml	98
44) 2,4,6-Trichlorophenol	5.747	196	16712	3.941	ug/ml	96
45) 2,4,5-Trichlorophenol	5.775	196	19348	4.033	ug/ml	98
47) 2-Chloronaphthalene	5.909	162	59021	4.714	ug/ml	96
48) 2-Nitroaniline	6.009	138	11750	3.104	ug/ml	89
49) 1,4-Dinitrobenzene	6.133	168	4570	2.459	ug/ml	93
50) 1,3-Dinitrobenzene	6.198	168	5623	2.695	ug/ml	99
51) Dimethyl phthalate	6.192	163	68656	4.515	ug/ml#	98
52) Acenaphthylene	6.267	152	97214	4.867	ug/ml	98
53) 2,6-Dinitrotoluene	6.232	165	10212	3.229	ug/ml	91
54) 1,2-Dinitrobenzene	6.270	168	4275	3.015	ug/ml#	70
64) 3-Nitroaniline	6.372	138	12257	3.758	ug/ml#	96
65) Acenaphthene	6.425	154	55249	5.162	ug/ml	94
66) 2,4-Dinitrophenol	6.465	184	2600	2.548	ug/ml	91
67) Dibenzofuran	6.577	168	88708	5.328	ug/ml	93
68) 2,4-Dinitrotoluene	6.584	165	13596	3.443	ug/ml	86
69) 4-Nitrophenol	6.549	65	9167	3.851	ug/ml	86
70) 2,3,5,6-Tetrachlorophenol	6.661	232	13176	3.756	ug/ml	97

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL4.D
Acq On : 29 Aug 2025 09:38 am
Operator : SV134:mrg
Sample : IL7,32,,ABNL5 Lot# 11939
Misc : WG2110324
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 30 06:24:33 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71)	2,3,4,6-Tetrachlorophenol	6.699	232	14620	4.089	ug/ml	95
72)	Diethyl phthalate	6.817	149	70775	5.114	ug/ml	96
73)	Fluorene	6.879	166	71467	5.303	ug/ml	94
74)	4-Chlorophenyl phenyl ...	6.894	204	34943	5.265	ug/ml#	87
75)	4-Nitroaniline	6.904	138	12891	3.778	ug/ml#	78
76)	4,6-Dinitro-o-cresol	6.938	198	5198	2.586	ug/ml#	83
77)	NDPA/DPA	7.000	169	62125	5.281	ug/ml	98
78)	Azobenzene	7.031	77	66520	5.585	ug/ml#	88
80)	4-Bromophenyl phenyl e...	7.320	248	20909	4.985	ug/ml#	89
81)	Hexachlorobenzene	7.367	284	23978	4.774	ug/ml#	86
82)	Pentachlorophenol	7.547	266	8391	2.803	ug/ml	96
89)	Phenanthrene	7.715	178	115354	5.115	ug/ml	97
90)	Anthracene	7.758	178	114137	5.084	ug/ml	97
91)	Carbazole	7.914	167	108865	5.151	ug/ml	98
92)	Di-n-butylphthalate	8.265	149	112968	4.788	ug/ml	98
93)	Fluoranthene	8.762	202	131003	5.169	ug/ml#	86
94)	Benzidine	8.908	184	73831	4.659	ug/ml#	91
95)	Pyrene	8.964	202	140553	5.251	ug/ml	99
97)	Butyl benzyl phthalate	9.701	149	41927	3.971	ug/ml#	82
105)	Benzo(a)anthracene	10.295	228	140021	4.845	ug/ml	98
106)	3,3'-Dichlorobenzidine	10.301	252	46924	4.566	ug/ml#	96
107)	Chrysene	10.335	228	136761	4.959	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	10.475	149	69609	4.022	ug/ml#	95
109)	Di-n-octylphthalate	11.417	149	106210	3.864	ug/ml	99
110)	Benzo(b)fluoranthene	11.780	252	128617	4.535	ug/ml#	90
111)	Benzo(k)fluoranthene	11.821	252	134180	4.820	ug/ml#	91
112)	Benzo(a)pyrene	12.253	252	122133	4.693	ug/ml#	90
114)	Indeno(1,2,3-cd)pyrene	13.913	276	114504	4.513	ug/mL#	87
115)	Dibenzo(a,h)anthracene	13.969	278	116136	4.574	ug/ml#	88
116)	Benzo(ghi)perylene	14.276	276	122714	4.626	ug/ml#	72

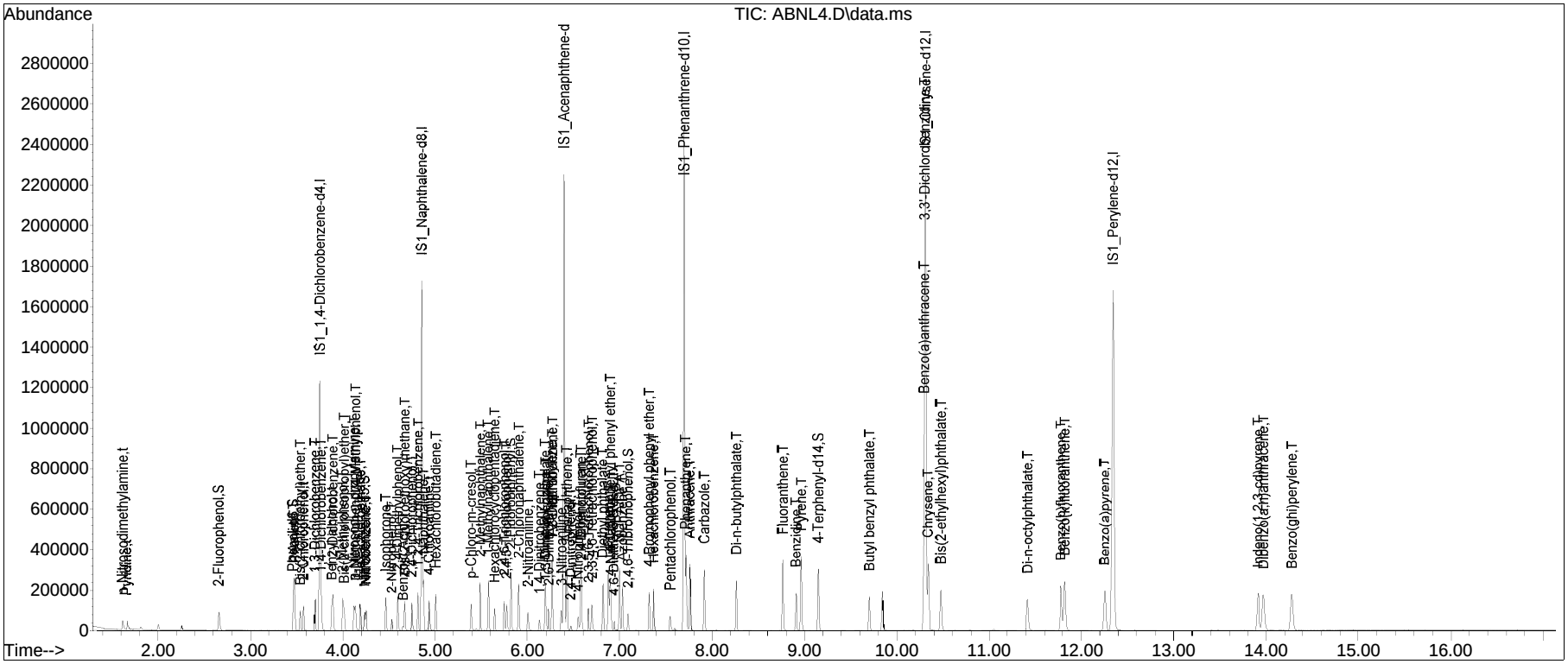
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL4.D
Acq On : 29 Aug 2025 09:38 am
Operator : SV134:mrg
Sample : IL7,32,,ABNL5 Lot# 11939
Misc : WG2110324
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 30 06:24:33 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

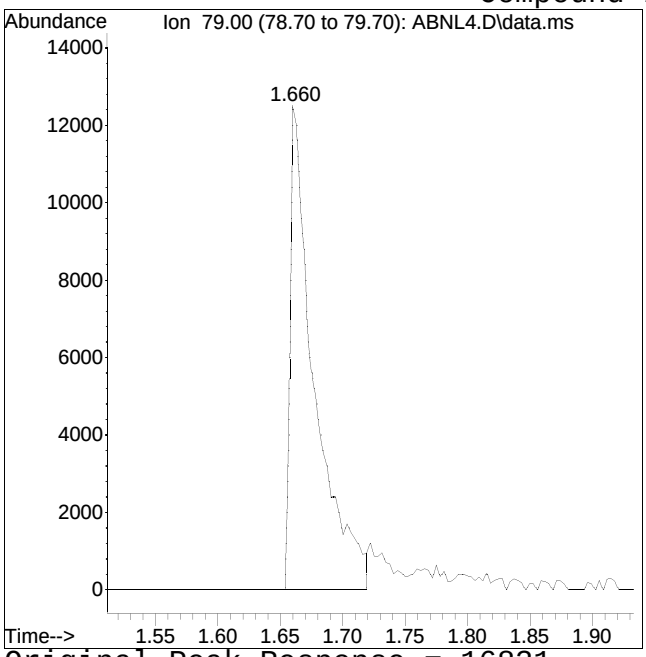
Sub List : ABNical - ABN ical sublistAL\AP9L7a.D•

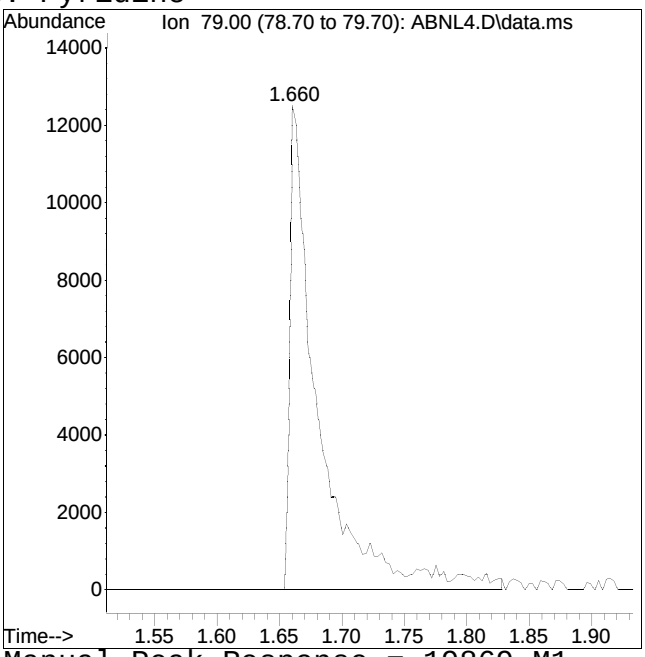


Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : ABNL4.D Operator : SV134:mrg
Date Inj'd : 8/29/2025 9:38 am Instrument : SV134
Sample : IL7,32,,ABNL5 Lot# 11939 Quant Date : 8/30/2025 6:15 am

Compound #3: Pyridine



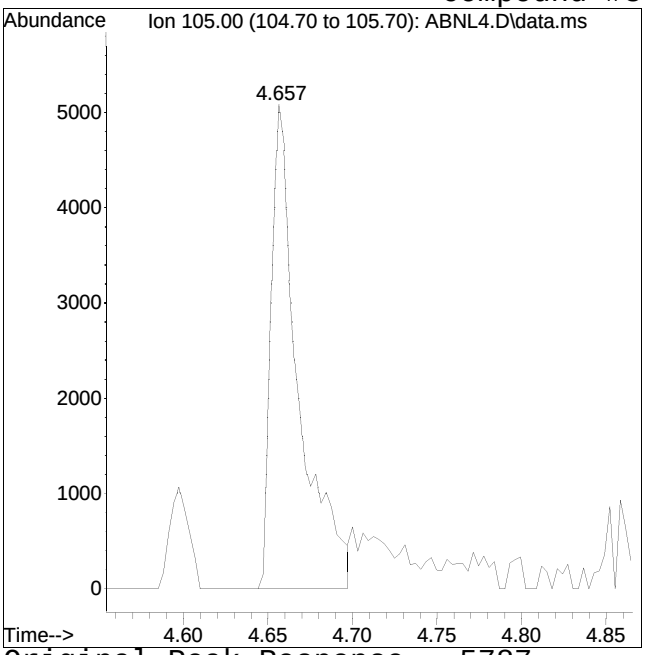


Original Peak Response = 16831 Manual Peak Response = 19869 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

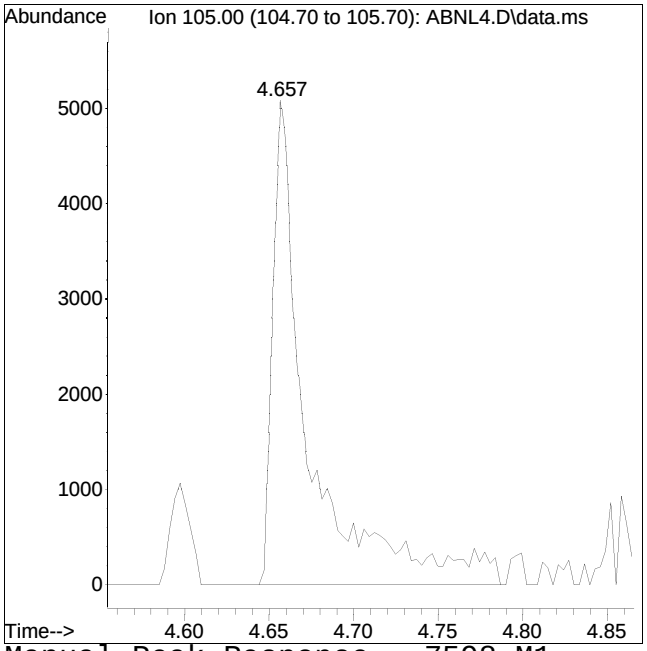
Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : ABNL4.D Operator : SV134:mrg
Date Inj'd : 8/29/2025 9:38 am Instrument : SV134
Sample : IL7,32,,ABNL5 Lot# 11939 Quant Date : 8/30/2025 6:15 am

Compound #37: Benzoic Acid



Original Peak Response = 5787



Manual Peak Response = 7598 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL3.D
Acq On : 29 Aug 2025 09:59 am
Operator : SV134:mrg
Sample : IL8,32,,ABNL3 Lot# 11940
Misc : WG2110324
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 03 15:42:22 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.752	152	175585	40.000	ug/ml	0.00
Standard Area 1 = 172582			Recovery = 101.74%			
35) IS1_Naphthalene-d8	4.855	136	659249	40.000	ug/ml	0.00
Standard Area 1 = 650848			Recovery = 101.29%			
63) IS1_Acenaphthene-d10	6.397	164	368682	40.000	ug/ml	0.00
Standard Area 1 = 375218			Recovery = 98.26%			
88) IS1_Phenanthrene-d10	7.696	188	731360M3	40.000	ug/ml	0.00
Standard Area 1 = 773730			Recovery = 94.52%			
104) IS1_Chrysene-d12	10.307	240	768130	40.000	ug/ml #	0.00
Standard Area 1 = 823112			Recovery = 93.32%			
113) IS1_Perylene-d12	12.346	264	873756	40.000	ug/ml	0.00
Standard Area 1 = 885263			Recovery = 98.70%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.655	112	13568	2.862	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 5.72%#			
7) Phenol-d6	3.463	99	17212	2.732	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 5.46%#			
19) Nitrobenzene-d5	4.234	82	12806	2.240	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 8.96%#			
46) 2-Fluorobiphenyl	5.822	172	40335	2.711	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 10.84%#			
79) 2,4,6-Tribromophenol	7.090	330	4249	1.964	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 3.93%#			
96) 4-Terphenyl-d14	9.151	244	52492	2.870	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 11.48%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.620	74	9237	2.903	ug/ml#	78
3) Pyridine	1.669	79	11180M1	2.587	ug/ml	
5) Aniline	3.469	93	24716	2.882	ug/ml	86
6) 2-Chlorophenol	3.572	128	16441	2.758	ug/ml	92
8) Phenol	3.475	94	20747	2.810	ug/ml#	82
9) Bis(2-chloroethyl)ether	3.537	93	15337	2.920	ug/ml#	78
10) 1,3-Dichlorobenzene	3.702	146	19866	2.941	ug/ml	96
11) 1,4-Dichlorobenzene	3.764	146	20894	3.017	ug/ml	96
12) 1,2-Dichlorobenzene	3.895	146	19178	2.842	ug/ml	95

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL3.D
Acq On : 29 Aug 2025 09:59 am
Operator : SV134:mrg
Sample : IL8,32,,ABNL3 Lot# 11940
Misc : WG2110324
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 03 15:42:22 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
13) Benzyl alcohol	3.886	79	11563	2.505	ug/ml	96
14) Bis(2-chloroisopropyl)...	4.010	45	27348	2.791	ug/ml#	77
15) 2-Methylphenol	3.998	108	14633	2.826	ug/ml	99
16) Hexachloroethane	4.187	117	6829	2.827	ug/ml#	42
17) n-Nitrosodi-n-propylamine	4.122	70	11415	2.843	ug/ml#	92
18) 3-Methylphenol/4-Methy...	4.137	108	14938	2.694	ug/ml	96
20) Nitrobenzene	4.249	77	13036	2.231	ug/ml	94
21) Isophorone	4.467	82	31042	2.808	ug/ml	99
22) 2-Nitrophenol	4.532	139	4812	1.627	ug/ml	95
23) 2,4-Dimethylphenol	4.597	107	15135	2.593	ug/ml	95
24) Bis(2-chloroethoxy)met...	4.675	93	19504	2.805	ug/ml#	95
25) 2,4-Dichlorophenol	4.747	162	12541	2.208	ug/ml	94
26) 1,2,4-Trichlorobenzene	4.815	180	17047	2.672	ug/ml	97
36) Naphthalene	4.874	128	53232	3.069	ug/ml	98
37) Benzoic Acid	4.653	105	2502M1	0.627	ug/ml	
38) 4-Chloroaniline	4.936	65	6415	2.936	ug/ml	84
39) Hexachlorobutadiene	5.008	225	10404	2.941	ug/ml	97
40) p-Chloro-m-cresol	5.387	107	12647	2.488	ug/ml	98
41) 2-Methylnaphthalene	5.486	142	30913	2.714	ug/ml	96
42) 1-Methylnaphthalene	5.570	115	10814	2.698	ug/ml#	73
43) Hexachlorocyclopentadiene	5.639	237	7413	1.861	ug/ml	99
44) 2,4,6-Trichlorophenol	5.747	196	8706	2.025	ug/ml	92
45) 2,4,5-Trichlorophenol	5.775	196	10254M1	2.107	ug/ml	
47) 2-Chloronaphthalene	5.909	162	34203	2.694	ug/ml	96
48) 2-Nitroaniline	6.008	138	6058	1.578	ug/ml	89
49) 1,4-Dinitrobenzene	6.133	168	2275	1.207	ug/ml	95
50) 1,3-Dinitrobenzene	6.198	168	2606	1.232	ug/ml	84
51) Dimethyl phthalate	6.192	163	39309	2.549	ug/ml#	99
52) Acenaphthylene	6.266	152	55522	2.741	ug/ml	98
53) 2,6-Dinitrotoluene	6.229	165	5181	1.615	ug/ml	91
54) 1,2-Dinitrobenzene	6.270	168	2195	1.527	ug/ml#	48
64) 3-Nitroaniline	6.372	138	6253	1.967	ug/ml#	92
65) Acenaphthene	6.425	154	32544	3.120	ug/ml	97
66) 2,4-Dinitrophenol	6.468	184	1123	1.668	ug/ml#	81
67) Dibenzofuran	6.577	168	51548	3.177	ug/ml	93
68) 2,4-Dinitrotoluene	6.583	165	6362	1.653	ug/ml#	84
69) 4-Nitrophenol	6.549	65	4331	1.867	ug/ml	89
70) 2,3,5,6-Tetrachlorophenol	6.661	232	7123	2.083	ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL3.D
Acq On : 29 Aug 2025 09:59 am
Operator : SV134:mrg
Sample : IL8,32,,ABNL3 Lot# 11940
Misc : WG2110324
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 03 15:42:22 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) 2,3,4,6-Tetrachlorophenol	6.698	232	8078	2.318	ug/ml	98
72) Diethyl phthalate	6.817	149	38824	2.878	ug/ml	97
73) Fluorene	6.879	166	40227	3.063	ug/ml	96
74) 4-Chlorophenyl phenyl ...	6.894	204	19997	3.092	ug/ml#	87
75) 4-Nitroaniline	6.904	138	6246	1.878	ug/ml#	76
76) 4,6-Dinitro-o-cresol	6.938	198	2262	1.155	ug/ml	91
77) NDPA/DPA	7.000	169	33946	2.961	ug/ml	99
78) Azobenzene	7.031	77	35937	3.096	ug/ml#	87
80) 4-Bromophenyl phenyl e...	7.323	248	11519	2.818	ug/ml	91
81) Hexachlorobenzene	7.367	284	12987	2.653	ug/ml#	84
82) Pentachlorophenol	7.547	266	4038	1.384	ug/ml	93
89) Phenanthrene	7.715	178	63491M3	3.032	ug/ml	
90) Anthracene	7.761	178	61174	2.934	ug/ml	98
91) Carbazole	7.914	167	58558	2.984	ug/ml	99
92) Di-n-butylphthalate	8.268	149	56965	2.600	ug/ml	98
93) Fluoranthene	8.762	202	70323	2.988	ug/ml#	86
94) Benzidine	8.908	184	35374	2.403	ug/ml#	92
95) Pyrene	8.964	202	73708	2.965	ug/ml	98
97) Butyl benzyl phthalate	9.701	149	20022	2.042	ug/ml	87
105) Benzo(a)anthracene	10.295	228	76312	2.911	ug/ml	97
106) 3,3'-Dichlorobenzidine	10.301	252	24885	2.669	ug/ml	94
107) Chrysene	10.338	228	74830	2.991	ug/ml	97
108) Bis(2-ethylhexyl)phtha...	10.475	149	33218	2.116	ug/ml#	94
109) Di-n-octylphthalate	11.417	149	48122	1.930	ug/ml#	97
110) Benzo(b)fluoranthene	11.780	252	69412	2.699	ug/ml#	91
111) Benzo(k)fluoranthene	11.821	252	73631	2.916	ug/ml#	91
112) Benzo(a)pyrene	12.250	252	67027	2.839	ug/ml#	89
114) Indeno(1,2,3-cd)pyrene	13.909	276	64157	2.637	ug/mL#	88
115) Dibenzo(a,h)anthracene	13.965	278	65823	2.703	ug/ml#	89
116) Benzo(ghi)perylene	14.276	276	70208	2.760	ug/ml#	73

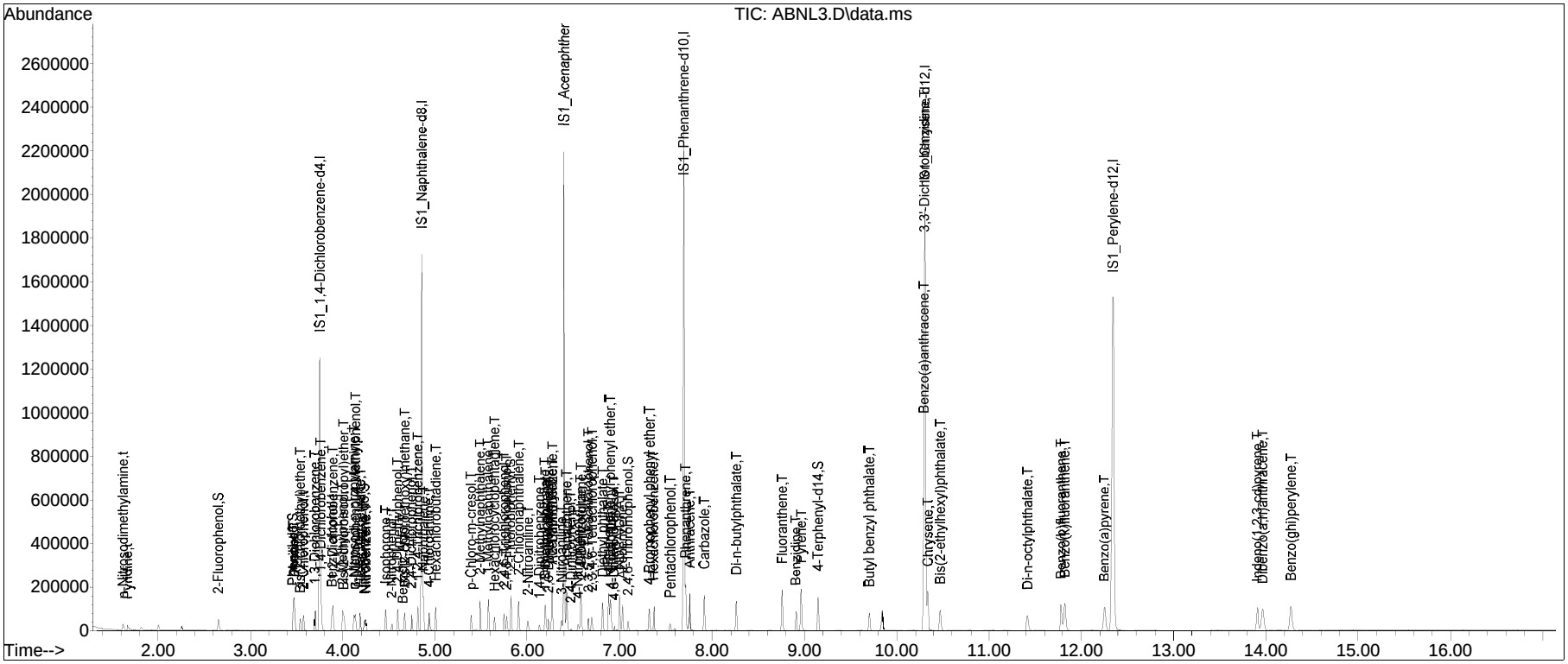
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL3.D
Acq On : 29 Aug 2025 09:59 am
Operator : SV134:mrg
Sample : IL8,32,,ABNL3 Lot# 11940
Misc : WG2110324
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 03 15:42:22 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

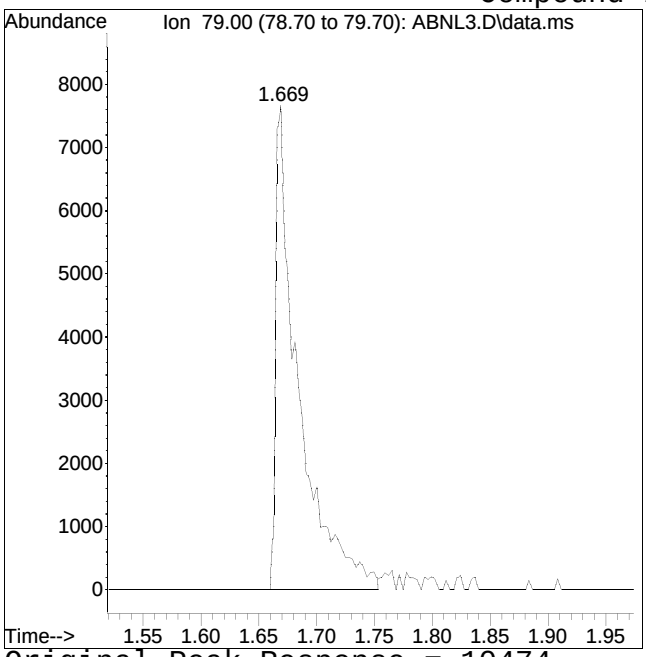
Sub List : ABNical - ABN ical sublistAL\AP9L7a.D•



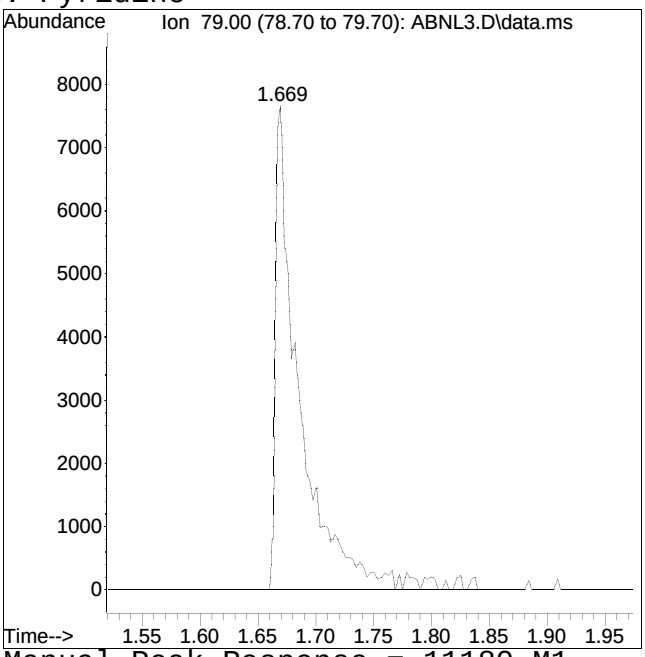
Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : ABNL3.D Operator : SV134:mrg
Date Inj'd : 8/29/2025 9:59 am Instrument : SV134
Sample : IL8,32,,ABNL3 Lot# 11940 Quant Date : 8/30/2025 6:15 am

Compound #3: Pyridine



Original Peak Response = 10474



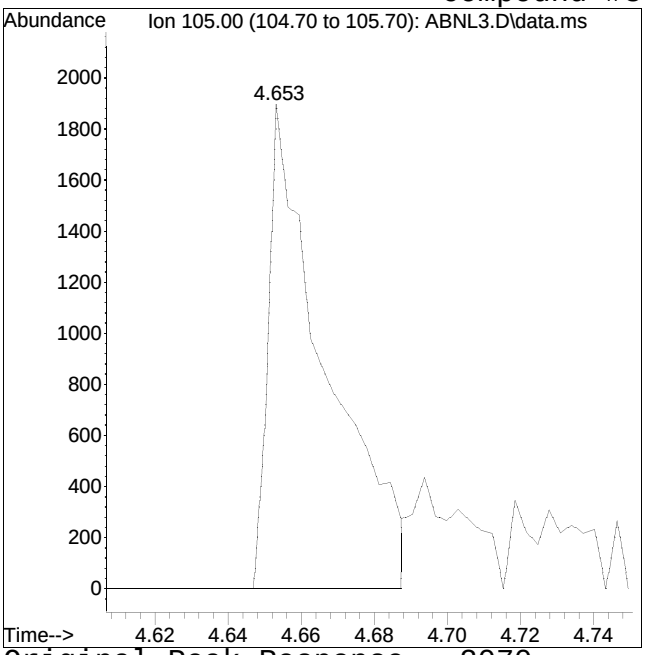
Manual Peak Response = 11180 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

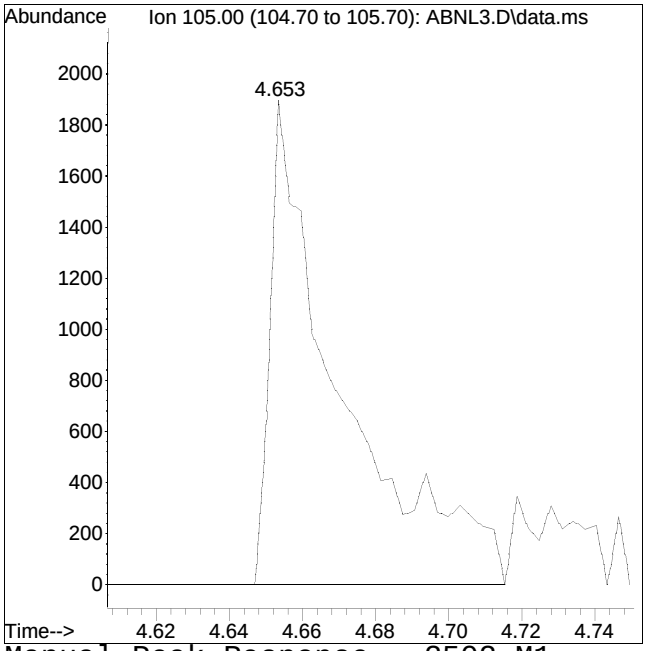
Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : ABNL3.D Operator : SV134:mrg
Date Inj'd : 8/29/2025 9:59 am Instrument : SV134
Sample : IL8,32,,ABNL3 Lot# 11940 Quant Date : 8/30/2025 6:15 am

Compound #37: Benzoic Acid



Original Peak Response = 2070



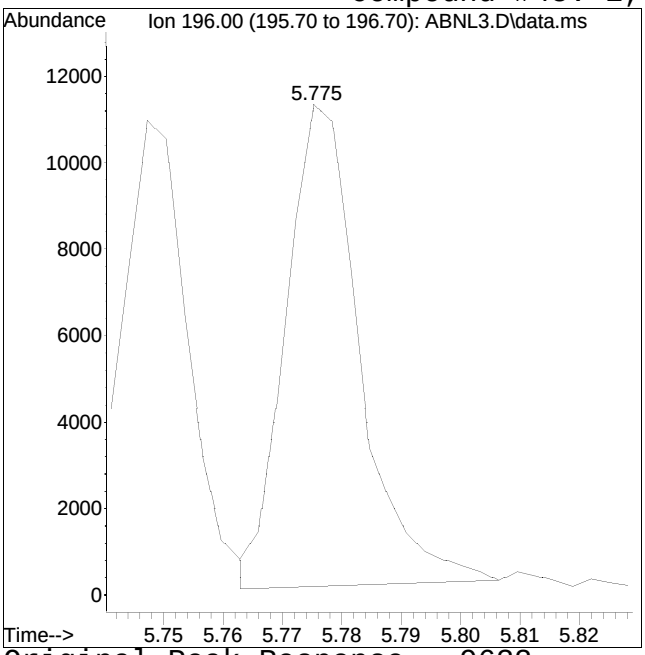
Manual Peak Response = 2502 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

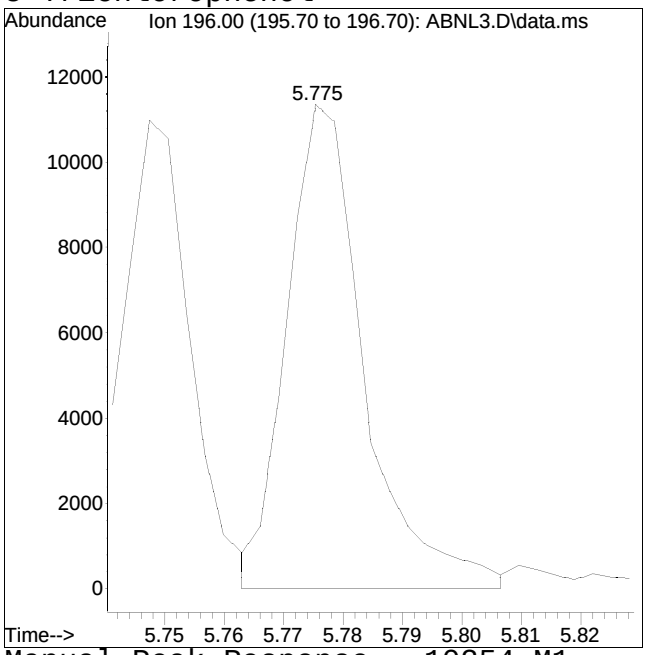
Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : ABNL3.D Operator : SV134:mrg
Date Inj'd : 8/29/2025 9:59 am Instrument : SV134
Sample : IL8,32,,ABNL3 Lot# 11940 Quant Date : 8/30/2025 6:15 am

Compound #45: 2,4,5-Trichlorophenol



Original Peak Response = 9632



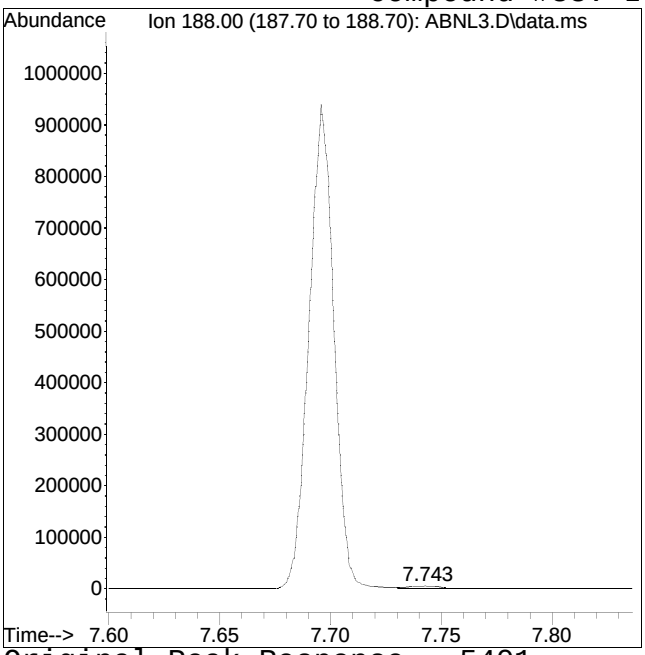
Manual Peak Response = 10254 M1

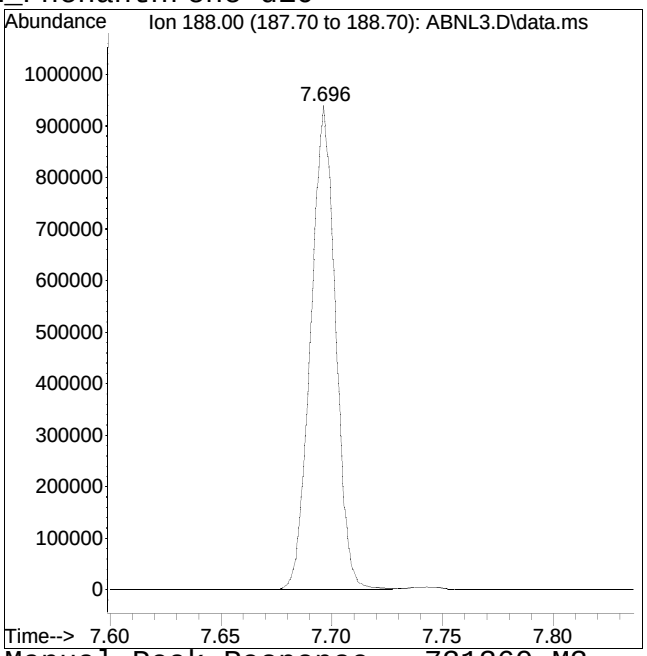
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : ABNL3.D Operator : SV134:mrg
Date Inj'd : 8/29/2025 9:59 am Instrument : SV134
Sample : IL8,32,,ABNL3 Lot# 11940 Quant Date : 8/30/2025 6:15 am

Compound #88: IS1_Phenanthrene-d10



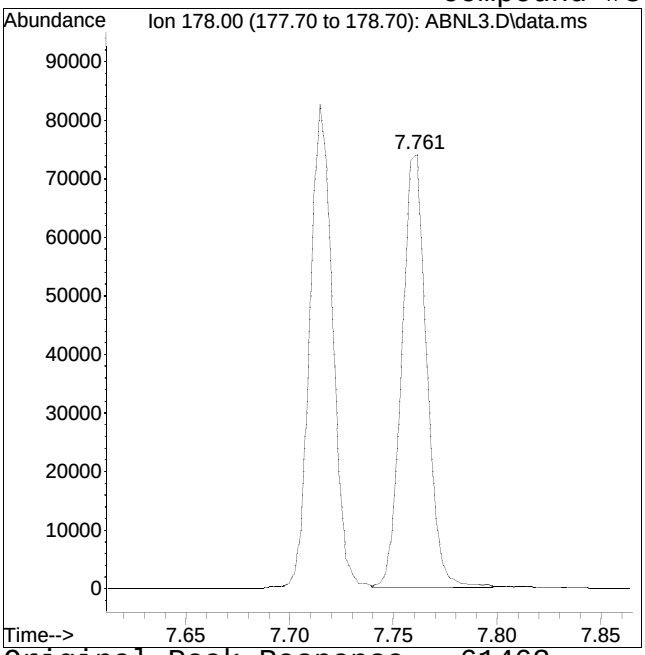


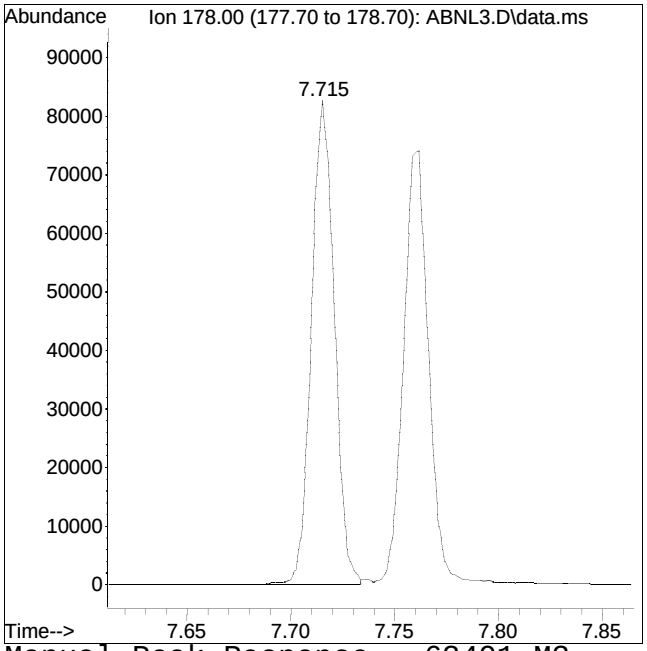
Original Peak Response = 5401 Manual Peak Response = 731360 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : ABNL3.D Operator : SV134:mrg
Date Inj'd : 8/29/2025 9:59 am Instrument : SV134
Sample : IL8,32,,ABNL3 Lot# 11940 Quant Date : 8/30/2025 6:15 am

Compound #89: Phenanthrene





Original Peak Response = 61463 Manual Peak Response = 63491 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL2.D
Acq On : 29 Aug 2025 10:21 am
Operator : SV134:mrg
Sample : IL9,32,,ABNL2 Lot# 11941
Misc : WG2110324
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 30 06:22:02 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.752	152	167790	40.000	ug/ml	0.00
Standard Area 1 = 172582			Recovery = 97.22%			
35) IS1_Naphthalene-d8	4.855	136	653627	40.000	ug/ml	0.00
Standard Area 1 = 650848			Recovery = 100.43%			
63) IS1_Acenaphthene-d10	6.397	164	386970	40.000	ug/ml	0.00
Standard Area 1 = 375218			Recovery = 103.13%			
88) IS1_Phenanthrene-d10	7.696	188	819161	40.000	ug/ml #	0.00
Standard Area 1 = 773730			Recovery = 105.87%			
104) IS1_Chrysene-d12	10.307	240	844556	40.000	ug/ml #	0.00
Standard Area 1 = 823112			Recovery = 102.61%			
113) IS1_Perylene-d12	12.349	264	901659	40.000	ug/ml	0.00
Standard Area 1 = 885263			Recovery = 101.85%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.655	112	8790	1.940	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 3.88%#			
7) Phenol-d6	3.466	99	10884	1.808	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 3.62%#			
19) Nitrobenzene-d5	4.234	82	8244	1.509	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 6.04%#			
46) 2-Fluorobiphenyl	5.822	172	27764	1.882	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 7.53%#			
79) 2,4,6-Tribromophenol	7.090	330	3034	1.336	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 2.67%#			
96) 4-Terphenyl-d14	9.151	244	38814	1.894	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 7.58%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.620	74	6260	2.059	ug/ml#	82
3) Pyridine	1.673	79	6828M1	1.653	ug/ml	
5) Aniline	3.472	93	16096	1.964	ug/ml	88
6) 2-Chlorophenol	3.572	128	10589	1.859	ug/ml#	90
8) Phenol	3.475	94	13508	1.915	ug/ml#	84
9) Bis(2-chloroethyl)ether	3.537	93	9753	1.943	ug/ml#	77
10) 1,3-Dichlorobenzene	3.702	146	12723	1.971	ug/ml	98
11) 1,4-Dichlorobenzene	3.764	146	13190	1.993	ug/ml	90
12) 1,2-Dichlorobenzene	3.898	146	12557	1.947	ug/ml	94

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL2.D
Acq On : 29 Aug 2025 10:21 am
Operator : SV134:mrg
Sample : IL9,32,,ABNL2 Lot# 11941
Misc : WG2110324
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 30 06:22:02 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
13) Benzyl alcohol	3.886	79	7561	1.714	ug/ml	98
14) Bis(2-chloroisopropyl)...	4.010	45	18293	1.954	ug/ml#	78
15) 2-Methylphenol	3.997	108	9585	1.937	ug/ml	99
16) Hexachloroethane	4.187	117	4753	2.059	ug/ml#	57
17) n-Nitrosodi-n-propylamine	4.125	70	7417	1.933	ug/ml	93
18) 3-Methylphenol/4-Methy...	4.137	108	9672	1.826	ug/ml	93
20) Nitrobenzene	4.249	77	8613	1.543	ug/ml	93
21) Isophorone	4.467	82	21309	2.017	ug/ml	100
22) 2-Nitrophenol	4.532	139	3041	1.076	ug/ml	95
23) 2,4-Dimethylphenol	4.597	107	10509	1.884	ug/ml	100
24) Bis(2-chloroethoxy)met...	4.675	93	13252	1.994	ug/ml#	95
25) 2,4-Dichlorophenol	4.746	162	8373	1.542	ug/ml	91
26) 1,2,4-Trichlorobenzene	4.815	180	11531	1.891	ug/ml	98
36) Naphthalene	4.874	128	35373	2.057	ug/ml	99
37) Benzoic Acid	4.659	105	974M2	0.246	ug/ml	
38) 4-Chloroaniline	4.936	65	4365	2.015	ug/ml	80
39) Hexachlorobutadiene	5.008	225	6938	1.978	ug/ml	96
40) p-Chloro-m-cresol	5.390	107	8639	1.714	ug/ml	92
41) 2-Methylnaphthalene	5.486	142	21096	1.868	ug/ml	94
42) 1-Methylnaphthalene	5.573	115	7509	1.889	ug/ml#	71
43) Hexachlorocyclopentadiene	5.639	237	4840	1.226	ug/ml#	91
44) 2,4,6-Trichlorophenol	5.747	196	6204	1.455	ug/ml	95
45) 2,4,5-Trichlorophenol	5.778	196	7336	1.521	ug/ml	91
47) 2-Chloronaphthalene	5.909	162	23790	1.890	ug/ml	94
48) 2-Nitroaniline	6.011	138	4105	1.078	ug/ml#	84
49) 1,4-Dinitrobenzene	6.133	168	1539	0.824	ug/ml	91
50) 1,3-Dinitrobenzene	6.201	168	1775	0.846	ug/ml#	75
51) Dimethyl phthalate	6.192	163	28417	1.859	ug/ml#	99
52) Acenaphthylene	6.269	152	38934	1.939	ug/ml	97
53) 2,6-Dinitrotoluene	6.229	165	3412	1.073	ug/ml	92
54) 1,2-Dinitrobenzene	6.269	168	1496	1.049	ug/ml#	63
64) 3-Nitroaniline	6.372	138	4129	1.238	ug/ml#	96
65) Acenaphthene	6.425	154	22682	2.072	ug/ml	93
66) 2,4-Dinitrophenol	6.468	184	520	1.277	ug/ml#	1
67) Dibenzofuran	6.577	168	36361	2.135	ug/ml	94
68) 2,4-Dinitrotoluene	6.583	165	4455	1.103	ug/ml#	85
69) 4-Nitrophenol	6.549	65	2896	1.189	ug/ml	87
70) 2,3,5,6-Tetrachlorophenol	6.661	232	4873	1.358	ug/ml	95

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL2.D
Acq On : 29 Aug 2025 10:21 am
Operator : SV134:mrg
Sample : IL9,32,,ABNL2 Lot# 11941
Misc : WG2110324
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 30 06:22:02 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
71)	2,3,4,6-Tetrachlorophenol	6.698	232	5642M4	1.543	ug/ml		
72)	Diethyl phthalate	6.817	149	28022	1.979	ug/ml		96
73)	Fluorene	6.879	166	28619	2.076	ug/ml		92
74)	4-Chlorophenyl phenyl ...	6.894	204	14346	2.113	ug/ml		89
75)	4-Nitroaniline	6.904	138	4453	1.276	ug/ml	#	69
76)	4,6-Dinitro-o-cresol	6.941	198	1557	0.757	ug/ml	#	72
77)	NDPA/DPA	7.000	169	25379	2.109	ug/ml		97
78)	Azobenzene	7.031	77	27622	2.267	ug/ml	#	86
80)	4-Bromophenyl phenyl e...	7.323	248	8365	1.950	ug/ml		92
81)	Hexachlorobenzene	7.367	284	9889	1.925	ug/ml	#	85
82)	Pentachlorophenol	7.547	266	2800	0.915	ug/ml		90
89)	Phenanthrene	7.715	178	49268	2.100	ug/ml		96
90)	Anthracene	7.761	178	46904	2.009	ug/ml		96
91)	Carbazole	7.914	167	44474	2.023	ug/ml		98
92)	Di-n-butylphthalate	8.268	149	42381	1.727	ug/ml	#	97
93)	Fluoranthene	8.762	202	54249	2.058	ug/ml	#	86
94)	Benzidine	8.908	184	25774	1.564	ug/ml	#	91
95)	Pyrene	8.964	202	56113	2.015	ug/ml		98
97)	Butyl benzyl phthalate	9.704	149	14196	1.293	ug/ml		85
105)	Benzo(a)anthracene	10.295	228	56721	1.968	ug/ml		99
106)	3,3'-Dichlorobenzidine	10.301	252	16873	1.646	ug/ml		98
107)	Chrysene	10.335	228	56443	2.052	ug/ml		98
108)	Bis(2-ethylhexyl)phtha...	10.475	149	23380	1.355	ug/ml	#	94
109)	Di-n-octylphthalate	11.417	149	33350	1.217	ug/ml	#	97
110)	Benzo(b)fluoranthene	11.783	252	49105	1.736	ug/ml	#	91
111)	Benzo(k)fluoranthene	11.827	252	50688	1.826	ug/ml	#	91
112)	Benzo(a)pyrene	12.250	252	45826	1.766	ug/ml	#	91
114)	Indeno(1,2,3-cd)pyrene	13.909	276	41887	1.668	ug/mL	#	88
115)	Dibenzo(a,h)anthracene	13.968	278	42612	1.696	ug/ml	#	90
116)	Benzo(ghi)perylene	14.276	276	46067	1.755	ug/ml	#	73

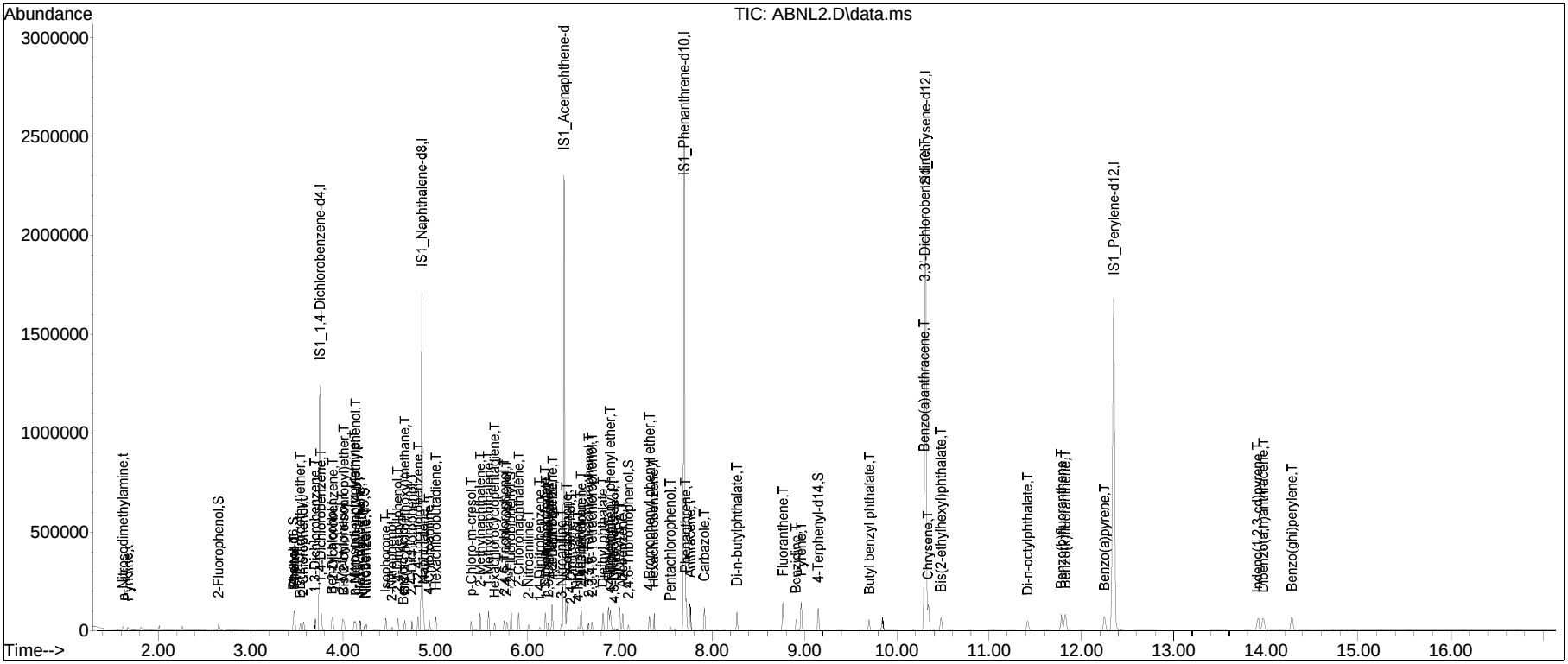
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL2.D
Acq On : 29 Aug 2025 10:21 am
Operator : SV134:mrg
Sample : IL9,32,,ABNL2 Lot# 11941
Misc : WG2110324
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 30 06:22:02 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublistAL\AP9L7a.D•

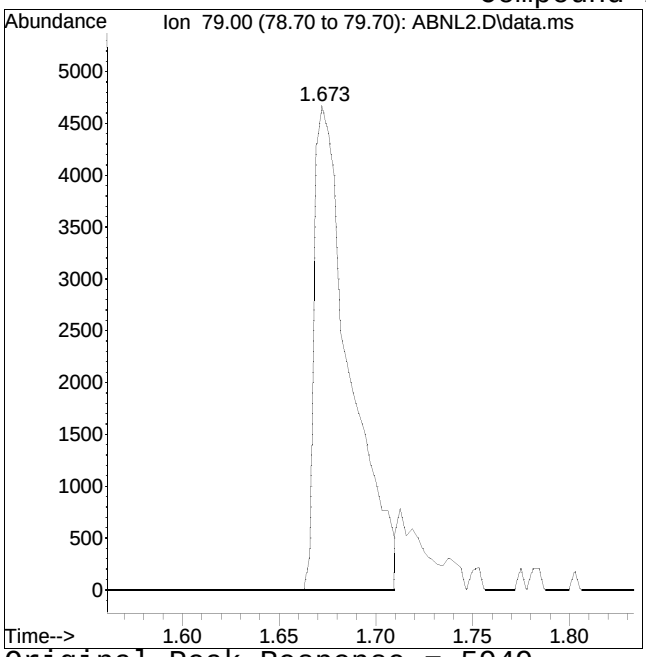


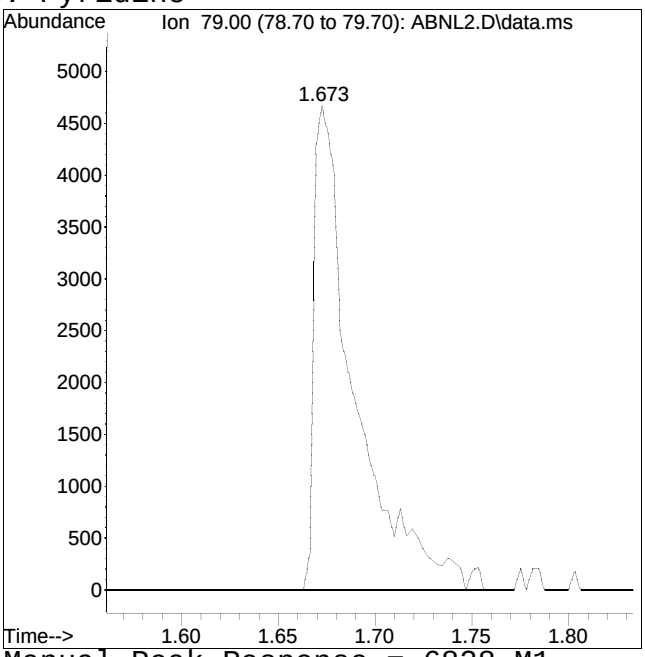
FS250829SV134.m Wed Sep 03 16:38:29 2025 Page: 4

Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : ABNL2.D Operator : SV134:mrg
Date Inj'd : 8/29/2025 10:21 am Instrument : SV134
Sample : IL9,32,,ABNL2 Lot# 11941 Quant Date : 8/30/2025 6:15 am

Compound #3: Pyridine



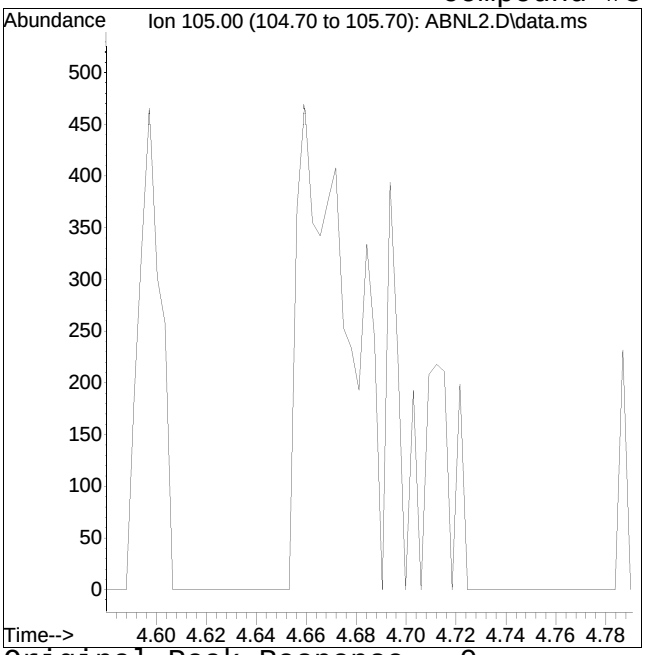


Original Peak Response = 5949 Manual Peak Response = 6828 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

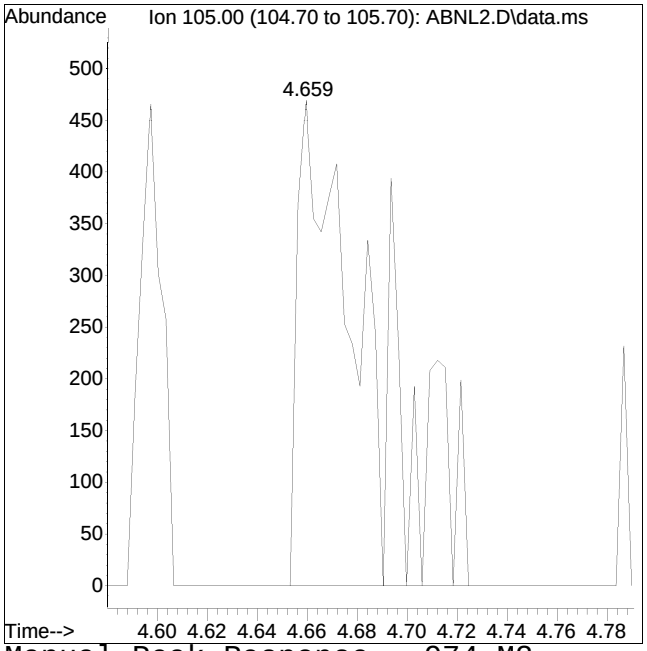
Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : ABNL2.D Operator : SV134:mrg
Date Inj'd : 8/29/2025 10:21 am Instrument : SV134
Sample : IL9,32,,ABNL2 Lot# 11941 Quant Date : 8/30/2025 6:15 am

Compound #37: Benzoic Acid



Original Peak Response = 0



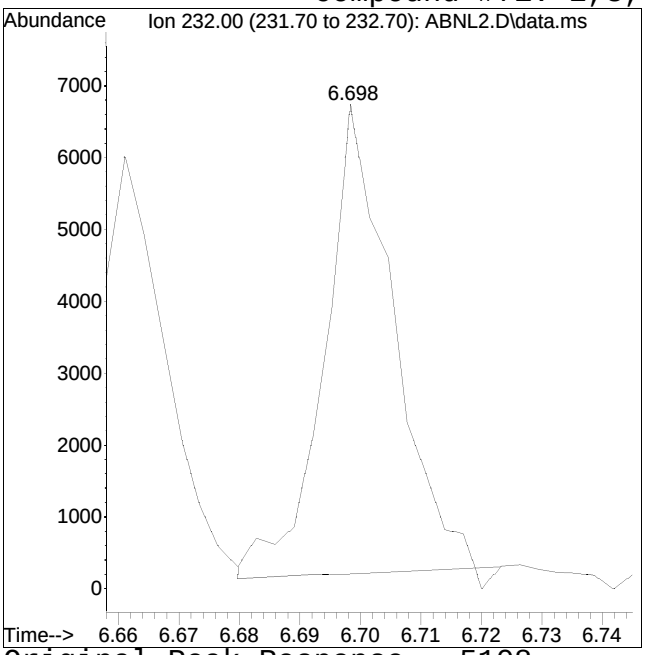
Manual Peak Response = 974 M2

M2 = Peak not found by automatic integration algorithm.

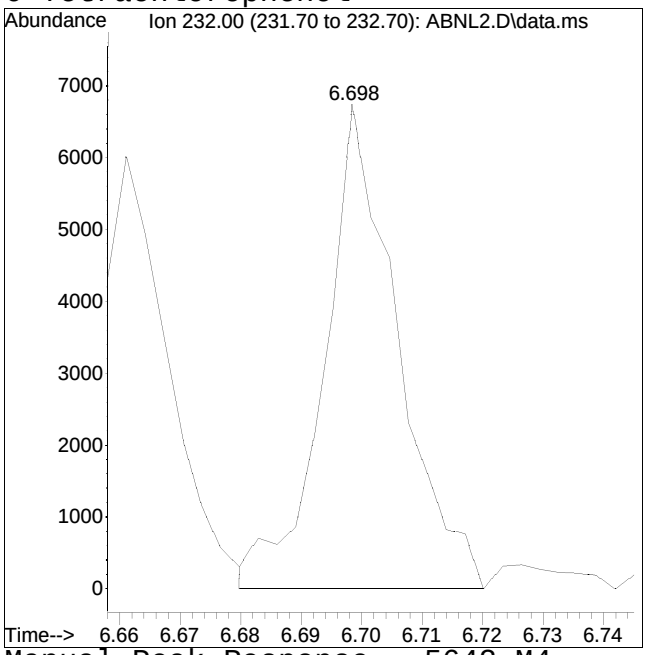
Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : ABNL2.D Operator : SV134:mrg
Date Inj'd : 8/29/2025 10:21 am Instrument : SV134
Sample : IL9,32,,ABNL2 Lot# 11941 Quant Date : 8/30/2025 6:15 am

Compound #71: 2,3,4,6-Tetrachlorophenol



Original Peak Response = 5108



Manual Peak Response = 5642 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL1.D
Acq On : 29 Aug 2025 10:42 am
Operator : SV134:mrg
Sample : IL10,32,,ABNL1 Lot# 11942
Misc : WG2110324
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 30 06:19:18 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.752	152	161587	40.000	ug/ml	0.00
Standard Area 1 = 172582			Recovery = 93.63%			
35) IS1_Naphthalene-d8	4.855	136	625328	40.000	ug/ml	0.00
Standard Area 1 = 650848			Recovery = 96.08%			
63) IS1_Acenaphthene-d10	6.397	164	365090	40.000	ug/ml	0.00
Standard Area 1 = 375218			Recovery = 97.30%			
88) IS1_Phenanthrene-d10	7.696	188	770114	40.000	ug/ml #	0.00
Standard Area 1 = 773730			Recovery = 99.53%			
104) IS1_Chrysene-d12	10.307	240	825763	40.000	ug/ml #	0.00
Standard Area 1 = 823112			Recovery = 100.32%			
113) IS1_Perylene-d12	12.346	264	905021	40.000	ug/ml	0.00
Standard Area 1 = 885263			Recovery = 102.23%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.655	112	4050	0.928	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 1.86%#			
7) Phenol-d6	3.463	99	5211	0.899	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 1.80%#			
19) Nitrobenzene-d5	4.234	82	4007	0.762	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 3.05%#			
46) 2-Fluorobiphenyl	5.822	172	13650	0.967	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 3.87%#			
79) 2,4,6-Tribromophenol	7.090	330	1249	0.583	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 1.17%#			
96) 4-Terphenyl-d14	9.151	244	19651	1.020	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 4.08%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.620	74	3032	1.036	ug/ml#	85
3) Pyridine	1.682	79	3005	0.755	ug/ml#	57
5) Aniline	3.472	93	7729	0.979	ug/ml#	86
6) 2-Chlorophenol	3.572	128	4862	0.886	ug/ml#	89
8) Phenol	3.475	94	6206	0.913	ug/ml#	77
9) Bis(2-chloroethyl)ether	3.541	93	5158	1.067	ug/ml#	82
10) 1,3-Dichlorobenzene	3.702	146	6360	1.023	ug/ml	93
11) 1,4-Dichlorobenzene	3.764	146	6950	1.090	ug/ml#	89
12) 1,2-Dichlorobenzene	3.895	146	6494	1.046	ug/ml	93

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL1.D
Acq On : 29 Aug 2025 10:42 am
Operator : SV134:mrg
Sample : IL10,32,,ABNL1 Lot# 11942
Misc : WG2110324
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 30 06:19:18 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
13) Benzyl alcohol	3.889	79	3481	0.819	ug/ml	92
14) Bis(2-chloroisopropyl)...	4.013	45	8399	0.932	ug/ml#	78
15) 2-Methylphenol	3.998	108	4351	0.913	ug/ml	98
16) Hexachloroethane	4.184	117	2094	0.942	ug/ml#	33
17) n-Nitrosodi-n-propylamine	4.125	70	3535	0.957	ug/ml#	83
18) 3-Methylphenol/4-Methy...	4.137	108	4590	0.900	ug/ml	96
20) Nitrobenzene	4.249	77	3948	0.734	ug/ml	94
21) Isophorone	4.467	82	10124	0.995	ug/ml	98
22) 2-Nitrophenol	4.532	139	1220	0.448	ug/ml#	72
23) 2,4-Dimethylphenol	4.597	107	4989	0.929	ug/ml	97
24) Bis(2-chloroethoxy)met...	4.675	93	6309	0.986	ug/ml#	97
25) 2,4-Dichlorophenol	4.747	162	3877	0.742	ug/ml#	93
26) 1,2,4-Trichlorobenzene	4.815	180	5724	0.975	ug/ml	95
36) Naphthalene	4.874	128	17675	1.074	ug/ml	97
37) Benzoic Acid	0.000		0	N.D.		
38) 4-Chloroaniline	4.936	65	2027	0.978	ug/ml	84
39) Hexachlorobutadiene	5.008	225	3508	1.045	ug/ml	96
40) p-Chloro-m-cresol	5.390	107	4049	0.840	ug/ml	93
41) 2-Methylnaphthalene	5.486	142	10556	0.977	ug/ml	95
42) 1-Methylnaphthalene	5.570	115	3951	1.039	ug/ml	84
43) Hexachlorocyclopentadiene	5.642	237	2267	0.600	ug/ml#	90
44) 2,4,6-Trichlorophenol	5.747	196	2947	0.723	ug/ml	93
45) 2,4,5-Trichlorophenol	5.779	196	3368M1	0.730	ug/ml	
47) 2-Chloronaphthalene	5.909	162	11233	0.933	ug/ml	96
48) 2-Nitroaniline	6.012	138	1809	0.497	ug/ml#	83
49) 1,4-Dinitrobenzene	6.136	168	669	0.374	ug/ml	78
50) 1,3-Dinitrobenzene	6.201	168	898	0.447	ug/ml	96
51) Dimethyl phthalate	6.192	163	13905	0.951	ug/ml#	95
52) Acenaphthylene	6.270	152	18722	0.974	ug/ml	98
53) 2,6-Dinitrotoluene	6.229	165	1337	0.439	ug/ml	89
54) 1,2-Dinitrobenzene	6.270	168	622	0.456	ug/ml#	43
64) 3-Nitroaniline	6.372	138	1683	0.535	ug/ml#	96
65) Acenaphthene	6.425	154	11476	1.111	ug/ml	96
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	6.577	168	17899	1.114	ug/ml	95
68) 2,4-Dinitrotoluene	6.584	165	1811	0.475	ug/ml#	85
69) 4-Nitrophenol	6.549	65	1217	0.530	ug/ml#	63
70) 2,3,5,6-Tetrachlorophenol	6.661	232	2278	0.673	ug/ml	93

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL1.D
Acq On : 29 Aug 2025 10:42 am
Operator : SV134:mrg
Sample : IL10,32,,ABNL1 Lot# 11942
Misc : WG2110324
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 30 06:19:18 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71)	2,3,4,6-Tetrachlorophenol	6.702	232	2684	0.778	ug/ml	93
72)	Diethyl phthalate	6.817	149	13250	0.992	ug/ml	95
73)	Fluorene	6.879	166	13988	1.076	ug/ml	93
74)	4-Chlorophenyl phenyl ...	6.897	204	7370	1.151	ug/ml#	86
75)	4-Nitroaniline	6.904	138	1784	0.542	ug/ml#	69
76)	4,6-Dinitro-o-cresol	6.941	198	471	0.243	ug/ml#	25
77)	NDPA/DPA	7.000	169	12313	1.084	ug/ml	95
78)	Azobenzene	7.031	77	12706	1.105	ug/ml#	88
80)	4-Bromophenyl phenyl e...	7.323	248	4143	1.024	ug/ml	89
81)	Hexachlorobenzene	7.367	284	4908	1.013	ug/ml#	86
82)	Pentachlorophenol	7.547	266	1156	0.400	ug/ml	94
89)	Phenanthrene	7.715	178	24838	1.126	ug/ml	96
90)	Anthracene	7.762	178	23097	1.052	ug/ml	96
91)	Carbazole	7.914	167	21560	1.043	ug/ml	97
92)	Di-n-butylphthalate	8.268	149	19807	0.859	ug/ml	97
93)	Fluoranthene	8.762	202	25733	1.038	ug/ml#	85
94)	Benzidine	8.908	184	11014	0.711	ug/ml#	90
95)	Pyrene	8.964	202	27196	1.039	ug/ml	98
97)	Butyl benzyl phthalate	9.701	149	6465	0.626	ug/ml#	81
105)	Benzo(a)anthracene	10.295	228	29518	1.047	ug/ml	97
106)	3,3'-Dichlorobenzidine	10.304	252	8267	0.825	ug/ml#	90
107)	Chrysene	10.338	228	28724	1.068	ug/ml	99
108)	Bis(2-ethylhexyl)phtha...	10.475	149	10419	0.617	ug/ml#	93
109)	Di-n-octylphthalate	11.417	149	14146	0.528	ug/ml#	94
110)	Benzo(b)fluoranthene	11.787	252	24458	0.885	ug/ml#	90
111)	Benzo(k)fluoranthene	11.824	252	26233	0.966	ug/ml#	90
112)	Benzo(a)pyrene	12.253	252	22129	0.872	ug/ml#	90
114)	Indeno(1,2,3-cd)pyrene	13.913	276	20580	0.817	ug/mL#	90
115)	Dibenzo(a,h)anthracene	13.969	278	22082	0.876	ug/ml#	88
116)	Benzo(ghi)perylene	14.273	276	23907	0.907	ug/ml#	64

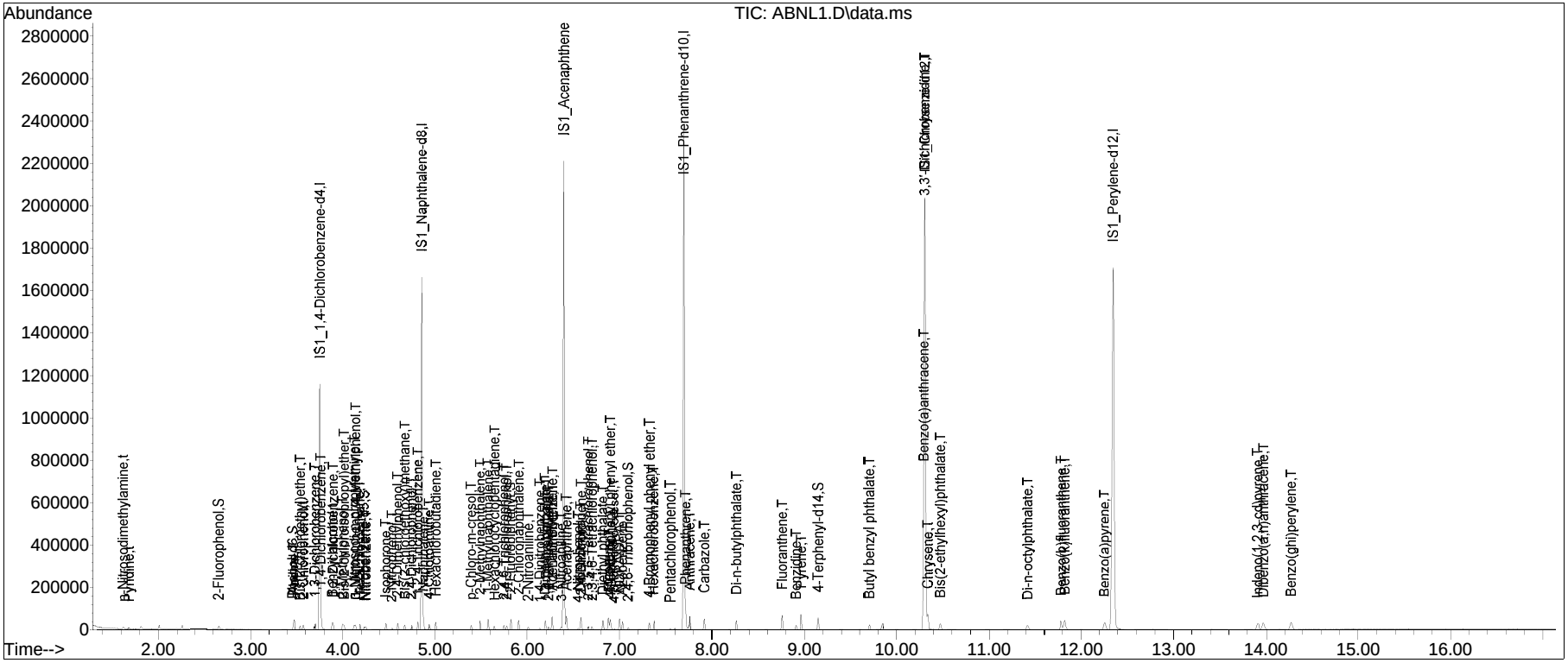
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNL1.D
Acq On : 29 Aug 2025 10:42 am
Operator : SV134:mrg
Sample : IL10,32,,ABNL1 Lot# 11942
Misc : WG2110324
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 30 06:19:18 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

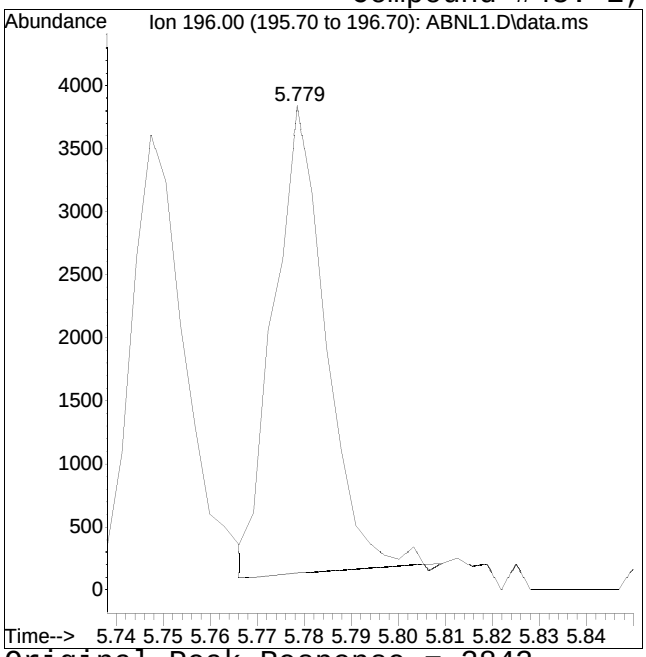
Sub List : ABNical - ABN ical sublistAL\AP9L7a.D•

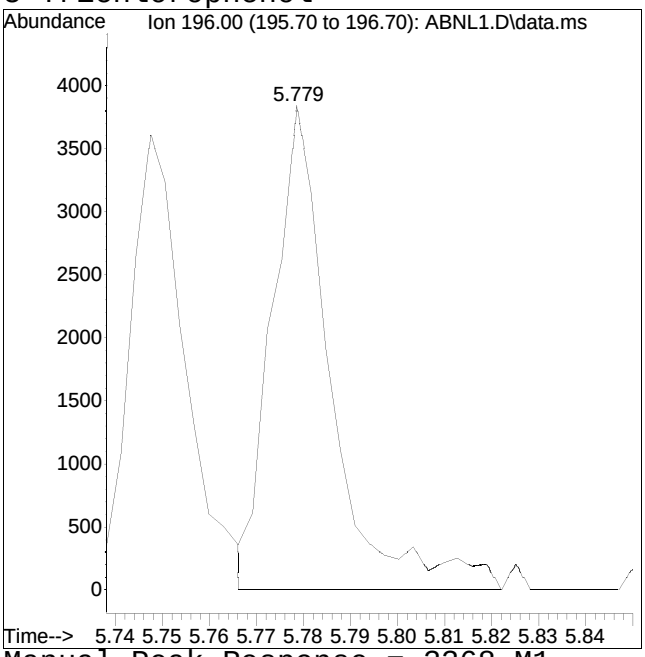


Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : ABNL1.D Operator : SV134:mrg
Date Inj'd : 8/29/2025 10:42 am Instrument : SV134
Sample : IL10,32,,ABNL1 Lot# 11942 Quant Date : 8/30/2025 6:15 am

Compound #45: 2,4,5-Trichlorophenol





Original Peak Response = 2843 Manual Peak Response = 3368 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNICV.D
Acq On : 29 Aug 2025 02:34 pm
Operator : SV134:mrg
Sample : CQICV1,32,,ABNICV Lot# 11653
Misc : WG2110324
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 03 16:17:53 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 16:18:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	IS1_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	112	0.00
2	t	n-Nitrosodimethylamine		0.762	0.724	5.0	105	0.00
3	t	Pyridine		1.000	1.271	-27.1#	129	0.00
4	S	2-Fluorophenol		1.113	1.061	4.7	104	0.00
5	T	Aniline		1.952	1.895	2.9	107	0.00
6	t	2-Chlorophenol		1.301	1.232	5.3	102	0.00
7	S	Phenol-d6		1.384	1.368	1.2	106	0.00
8	T	Phenol		1.671	1.596	4.5	104	0.00
9	T	Bis(2-chloroethyl)ether		1.220	1.155	5.3	105	0.00
10	T	1,3-Dichlorobenzene		1.544	1.454	5.8	105	0.00
11	T	1,4-Dichlorobenzene		1.595	1.476	7.5	104	0.00
12	T	1,2-Dichlorobenzene		1.511	1.412	6.6	104	0.00
13	t	Benzyl alcohol		1.001	0.975	2.6	101	0.00
14	T	Bis(2-chloroisopropyl)ether		2.117	1.868	11.8	98	0.00
15	T	2-Methylphenol		1.164	1.117	4.0	105	0.00
16	T	Hexachloroethane		0.546	0.516	5.5	104	0.00
17	T	n-Nitrosodi-n-propylamine		0.920	0.878	4.6	104	0.00
18	T	3-Methylphenol/4-Methylphen		1.219	1.182	3.0	104	0.00
19	S	Nitrobenzene-d5		1.122	1.050	6.4	95	0.00
20	T	Nitrobenzene		1.174	1.121	4.5	96	0.00
21	T	Isophorone		2.543	2.397	5.7	103	0.00
22	T	2-Nitrophenol		0.486	0.451	7.2	94	0.00
23	T	2,4-Dimethylphenol		1.289	1.246	3.3	104	0.00
24	T	Bis(2-chloroethoxy)methane		1.602	1.527	4.7	104	0.00
25	T	2,4-Dichlorophenol		1.121	1.114	0.6	102	0.00
26	T	1,2,4-Trichlorobenzene		1.353	1.269	6.2	105	0.00
35	I	IS1_Naphthalene-d8		1.000	1.000	0.0	110	0.00
36	T	Naphthalene		1.078	1.021	5.3	105	0.00
37	T	Benzoic Acid	*	50.000	44.732	10.5	101	0.00
38	T	4-Chloroaniline		0.139	0.133	4.3	101	0.00
39	T	Hexachlorobutadiene		0.219	0.207	5.5	104	0.00
40	T	p-Chloro-m-cresol		0.295	0.293	0.7	101	0.00
41	T	2-Methylnaphthalene		0.665	0.643	3.3	104	0.00
42	T	1-Methylnaphthalene		0.235	0.222	5.5	103	0.00
43	T	Hexachlorocyclopentadiene		0.189	0.195	-3.2	101	0.00
44	T	2,4,6-Trichlorophenol		0.222	0.220	0.9	99	0.00
45	T	2,4,5-Trichlorophenol		0.251	0.247	1.6	99	0.00
46	S	2-Fluorobiphenyl		0.848	0.806	5.0	104	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNICV.D
Acq On : 29 Aug 2025 02:34 pm
Operator : SV134:mrg
Sample : CQICV1,32,,ABNICV Lot# 11653
Misc : WG2110324
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 03 16:17:53 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 16:18:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
47	T	2-Chloronaphthalene		0.724	0.679	6.2	101	0.00
48	T	2-Nitroaniline		0.182	0.176	3.3	95	0.00
49	T	1,4-Dinitrobenzene		0.084	0.073	13.1	89	0.00
50	T	1,3-Dinitrobenzene		0.097	0.089	8.2	93	0.00
51	T	Dimethyl phthalate		0.863	0.809	6.3	100	0.00
52	T	Acenaphthylene		1.195	1.155	3.3	103	0.00
53	T	2,6-Dinitrotoluene	*	50.000	45.086	9.8	97	0.00
54	T	1,2-Dinitrobenzene		0.062	0.062	0.0	95	0.00
63	I	IS1_Acenaphthene-d10		1.000	1.000	0.0	109	0.00
64	T	3-Nitroaniline		0.304	0.309	-1.6	96	0.00
65	T	Acenaphthene		1.190	1.105	7.1	100	0.00
66	T	2,4-Dinitrophenol	*	50.000	42.344	15.3	90	0.00
67	T	Dibenzofuran		1.877	1.751	6.7	101	0.00
68	T	2,4-Dinitrotoluene	*	50.000	43.469	13.1	94	0.00
69	T	4-Nitrophenol		0.260	0.232	10.8	90	0.00
70	T	2,3,5,6-Tetrachlorophenol		0.325	0.346	-6.5	101	0.00
71	T	2,3,4,6-Tetrachlorophenol		0.346	0.356	-2.9	100	0.00
72	T	Diethyl phthalate		1.519	1.445	4.9	99	0.00
73	T	Fluorene		1.511	1.442	4.6	101	0.00
74	T	4-Chlorophenyl phenyl ether		0.746	0.687	7.9	101	0.00
75	T	4-Nitroaniline		0.312	0.318	-1.9	98	0.00
76	T	4,6-Dinitro-o-cresol	*	50.000	41.894	16.2	91	0.00
77	T	NDPA/DPA		1.310	1.228	6.3	100	0.00
78	T	Azobenzene		1.406	1.315	6.5	99	0.00
79	S	2,4,6-Tribromophenol		0.187	0.197	-5.3	103	0.00
80	T	4-Bromophenyl phenyl ether		0.450	0.422	6.2	101	0.00
81	T	Hexachlorobenzene		0.510	0.464	9.0	99	0.00
82	T	Pentachlorophenol	*	50.000	42.257	15.5	94	0.00
88	I	IS1_Phenanthrene-d10		1.000	1.000	0.0	105	0.00
89	T	Phenanthrene		1.168	1.093	6.4	99	0.00
90	T	Anthracene		1.166	1.109	4.9	98	0.00
91	T	Carbazole		1.104	1.040	5.8	97	0.00
92	T	Di-n-butylphthalate		1.197	1.234	-3.1	97	0.00
93	T	Fluoranthene		1.341	1.272	5.1	96	0.00
94	T	Benzidine		0.766	0.841	-9.8	103	0.00
95	T	Pyrene		1.404	1.345	4.2	98	0.00
96	S	4-Terphenyl-d14		1.003	0.968	3.5	98	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNICV.D
Acq On : 29 Aug 2025 02:34 pm
Operator : SV134:mrg
Sample : CQICV1,32,,ABNICV Lot# 11653
Misc : WG2110324
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 03 16:17:53 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 16:18:25 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
97	T	Butyl benzyl phthalate	0.527	0.516	2.1	92	0.00
104	I	IS1_Chrysene-d12	1.000	1.000	0.0	104	0.00
105	T	Benzo(a)anthracene	1.369	1.285	6.1	95	0.00
106	T	3,3'-Dichlorobenzidine	0.471	0.487	-3.4	98	0.00
107	T	Chrysene	1.314	1.198	8.8	96	0.00
108	T	Bis(2-ethylhexyl)phthalate	0.758	0.781	-3.0	94	0.00
109	T	Di-n-octylphthalate	1.374	1.331	3.1	93	0.00
110	T	Benzo(b)fluoranthene	1.286	1.261	1.9	100	0.00
111	T	Benzo(k)fluoranthene	1.292	1.260	2.5	99	0.00
112	T	Benzo(a)pyrene	1.204	1.201	0.2	98	0.00
113	I	IS1_Perylene-d12	1.000	1.000	0.0	103	0.01
114	T	Indeno(1,2,3-cd)pyrene	1.084	1.079	0.5	96	0.01
115	T	Dibenzo(a,h)anthracene	1.090	1.062	2.6	96	0.02
116	T	Benzo(ghi)perylene	1.132	1.081	4.5	95	0.01

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNICV.D
Acq On : 29 Aug 2025 02:34 pm
Operator : SV134:mrg
Sample : CQICV1,32,,ABNICV Lot# 11653
Misc : WG2110324
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 03 16:17:53 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 16:18:25 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.752	152	193579	40.000	ug/ml		0.00
Standard Area 1 = 172582			Recovery = 112.17%				
35) IS1_Naphthalene-d8	4.859	136	716476	40.000	ug/ml		0.00
Standard Area 1 = 650848			Recovery = 110.08%				
63) IS1_Acenaphthene-d10	6.400	164	407698	40.000	ug/ml		0.00
Standard Area 1 = 375218			Recovery = 108.66%				
88) IS1_Phenanthrene-d10	7.699	188	812083M3	40.000	ug/ml		0.00
Standard Area 1 = 773730			Recovery = 104.96%				
104) IS1_Chrysene-d12	10.316	240	853469	40.000	ug/ml	#	0.00
Standard Area 1 = 823112			Recovery = 103.69%				
113) IS1_Perylene-d12	12.355	264	913997	40.000	ug/ml		0.01
Standard Area 1 = 885263			Recovery = 103.25%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.655	112	256808	47.659	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 95.32%				
7) Phenol-d6	3.466	99	331015	49.414	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 98.83%				
19) Nitrobenzene-d5	4.234	82	254040	46.777	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 187.11%#				
46) 2-Fluorobiphenyl	5.825	172	722085	47.567	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 190.27%#				
79) 2,4,6-Tribromophenol	7.093	330	100367	52.589	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 105.18%				
96) 4-Terphenyl-d14	9.154	244	982903	48.264	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 193.06%#				
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	1.611	74	175217	47.494	ug/ml	#	88
3) Pyridine	1.638	79	307517	63.552	ug/ml	#	48
5) Aniline	3.472	93	458473	48.528	ug/ml	#	85
6) 2-Chlorophenol	3.572	128	297991	47.346	ug/ml		93
8) Phenol	3.478	94	386115	47.755	ug/ml	#	81
9) Bis(2-chloroethyl)ether	3.538	93	279370	47.322	ug/ml	#	77
10) 1,3-Dichlorobenzene	3.702	146	351911	47.084	ug/ml		95
11) 1,4-Dichlorobenzene	3.768	146	357235	46.290	ug/ml		96
12) 1,2-Dichlorobenzene	3.898	146	341605	46.713	ug/ml		95

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNICV.D
Acq On : 29 Aug 2025 02:34 pm
Operator : SV134:mrg
Sample : CQICV1,32,,ABNICV Lot# 11653
Misc : WG2110324
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 03 16:17:53 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 16:18:25 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
13) Benzyl alcohol	3.886	79	235968	48.719	ug/ml	98
14) Bis(2-chloroisopropyl)...	4.016	45	451910	44.109	ug/ml#	70
15) 2-Methylphenol	4.001	108	270250	47.994	ug/ml	99
16) Hexachloroethane	4.187	117	124973	47.261	ug/ml#	46
17) n-Nitrosodi-n-propylamine	4.125	70	212556	47.734	ug/ml	94
18) 3-Methylphenol/4-Methy...	4.141	108	286082	48.494	ug/ml	95
20) Nitrobenzene	4.252	77	271204	47.747	ug/ml	97
21) Isophorone	4.467	82	579968	47.125	ug/ml	99
22) 2-Nitrophenol	4.532	139	109170	46.396	ug/ml	96
23) 2,4-Dimethylphenol	4.601	107	301613	48.368	ug/ml	98
24) Bis(2-chloroethoxy)met...	4.678	93	369467	47.649	ug/ml#	97
25) 2,4-Dichlorophenol	4.750	162	269598	49.706	ug/ml#	94
26) 1,2,4-Trichlorobenzene	4.818	180	307030	46.895	ug/ml	98
36) Naphthalene	4.877	128	914835	47.372	ug/ml	99
37) Benzoic Acid	4.712	105	157926	44.732	ug/ml	98
38) 4-Chloroaniline	4.939	65	119025	47.834	ug/ml	83
39) Hexachlorobutadiene	5.011	225	185195	47.279	ug/ml	100
40) p-Chloro-m-cresol	5.390	107	262094	49.594	ug/ml	96
41) 2-Methylnaphthalene	5.489	142	575669	48.350	ug/ml	95
42) 1-Methylnaphthalene	5.573	115	198461	47.228	ug/ml#	74
43) Hexachlorocyclopentadiene	5.642	237	174795	51.584	ug/ml	98
44) 2,4,6-Trichlorophenol	5.751	196	197415	49.700	ug/ml	100
45) 2,4,5-Trichlorophenol	5.779	196	221659	49.348	ug/ml	94
47) 2-Chloronaphthalene	5.912	162	608031	46.879	ug/ml	95
48) 2-Nitroaniline	6.015	138	158050	48.424	ug/ml	92
49) 1,4-Dinitrobenzene	6.136	168	65576	43.628	ug/ml	82
50) 1,3-Dinitrobenzene	6.204	168	80132	45.916	ug/ml	83
51) Dimethyl phthalate	6.198	163	724190	46.823	ug/ml#	98
52) Acenaphthylene	6.273	152	1034471	48.345	ug/ml	98
53) 2,6-Dinitrotoluene	6.239	165	132515	45.086	ug/ml#	88
54) 1,2-Dinitrobenzene	6.276	168	55422	49.670	ug/ml	96
64) 3-Nitroaniline	6.378	138	157616	50.863	ug/ml	95
65) Acenaphthene	6.428	154	563029	46.429	ug/ml	96
66) 2,4-Dinitrophenol	6.472	184	49731	42.344	ug/ml	89
67) Dibenzofuran	6.584	168	892206	46.642	ug/ml	92
68) 2,4-Dinitrotoluene	6.590	165	176962	43.469	ug/ml	88
69) 4-Nitrophenol	6.552	65	118211	44.579	ug/ml	89
70) 2,3,5,6-Tetrachlorophenol	6.664	232	176208	53.236	ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNICV.D
Acq On : 29 Aug 2025 02:34 pm
Operator : SV134:mrg
Sample : CQICV1,32,,ABNICV Lot# 11653
Misc : WG2110324
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 03 16:17:53 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 16:18:25 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
71) 2,3,4,6-Tetrachlorophenol	6.702	232	181510	51.469	ug/ml	98
72) Diethyl phthalate	6.826	149	736392	47.573	ug/ml	96
73) Fluorene	6.882	166	735077	47.717	ug/ml	95
74) 4-Chlorophenyl phenyl ...	6.897	204	349895	46.002	ug/ml#	87
75) 4-Nitroaniline	6.913	138	161942	50.917	ug/ml	87
76) 4,6-Dinitro-o-cresol	6.944	198	78427	41.894	ug/ml#	88
77) NDPA/DPA	7.006	169	625748	46.870	ug/ml	100
78) Azobenzene	7.037	77	670007	46.770	ug/ml#	86
80) 4-Bromophenyl phenyl e...	7.323	248	214866	46.866	ug/ml#	90
81) Hexachlorobenzene	7.370	284	236627	45.518	ug/ml#	84
82) Pentachlorophenol	7.547	266	131982	42.257	ug/ml	99
89) Phenanthrene	7.721	178	1109513M3	46.778	ug/ml	
90) Anthracene	7.765	178	1126209	47.587	ug/ml	97
91) Carbazole	7.917	167	1056049	47.126	ug/ml	100
92) Di-n-butylphthalate	8.271	149	1252238	51.546	ug/ml#	97
93) Fluoranthene	8.769	202	1290933	47.415	ug/ml#	86
94) Benzidine	8.912	184	853939	54.919	ug/ml#	91
95) Pyrene	8.971	202	1365116	47.898	ug/ml	98
97) Butyl benzyl phthalate	9.707	149	523636	48.972	ug/ml#	82
105) Benzo(a)anthracene	10.304	228	1371407	46.938	ug/ml	98
106) 3,3'-Dichlorobenzidine	10.310	252	519253	51.638	ug/ml#	95
107) Chrysene	10.348	228	1277542	45.565	ug/ml	98
108) Bis(2-ethylhexyl)phtha...	10.481	149	832916	51.479	ug/ml#	96
109) Di-n-octylphthalate	11.426	149	1419538	48.437	ug/ml	99
110) Benzo(b)fluoranthene	11.799	252	1344783	49.008	ug/ml#	90
111) Benzo(k)fluoranthene	11.843	252	1344103	48.758	ug/ml#	91
112) Benzo(a)pyrene	12.268	252	1280814	49.855	ug/ml#	90
114) Indeno(1,2,3-cd)pyrene	13.937	276	1232872	49.752	ug/mL#	87
115) Dibenzo(a,h)anthracene	13.993	278	1213669	48.726	ug/ml#	88
116) Benzo(ghi)perylene	14.304	276	1235400	47.776	ug/ml#	73

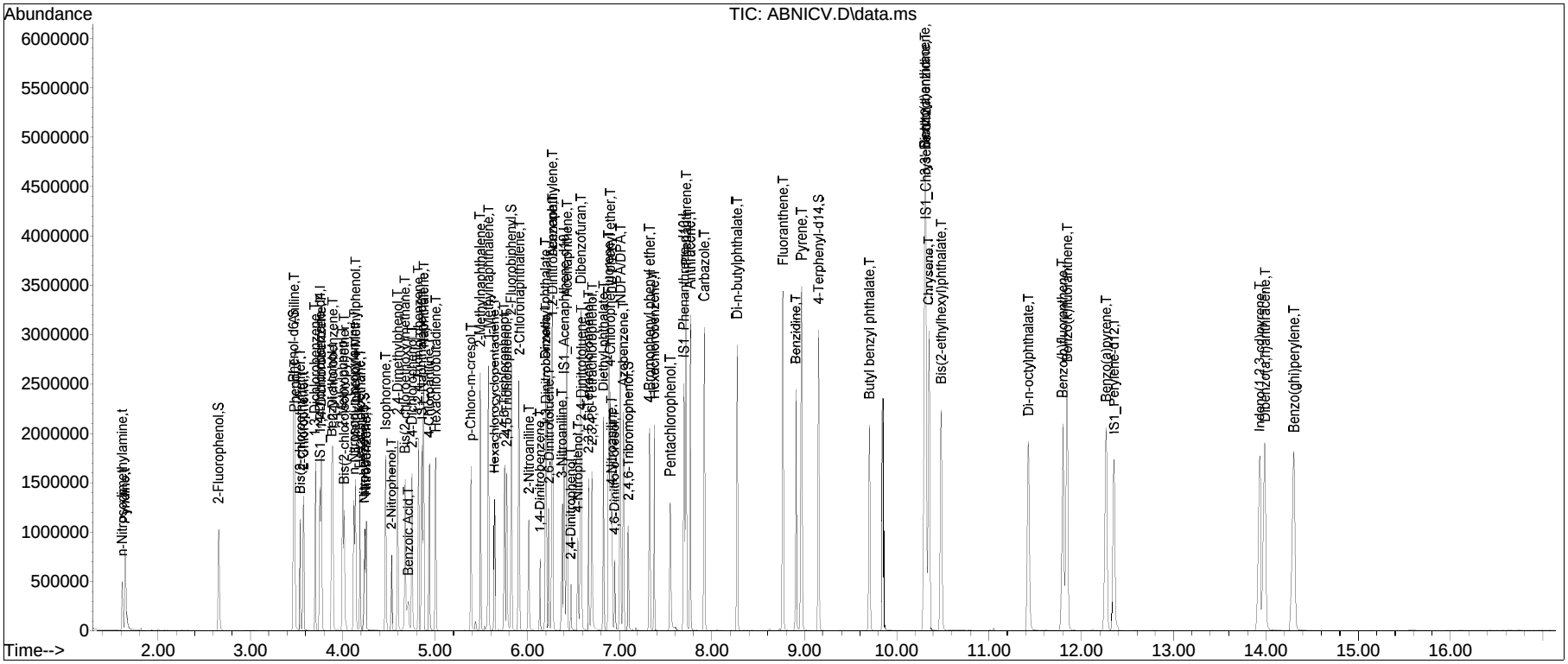
(#) = qualifier out of range (m) = manual integration (+) = signals summed

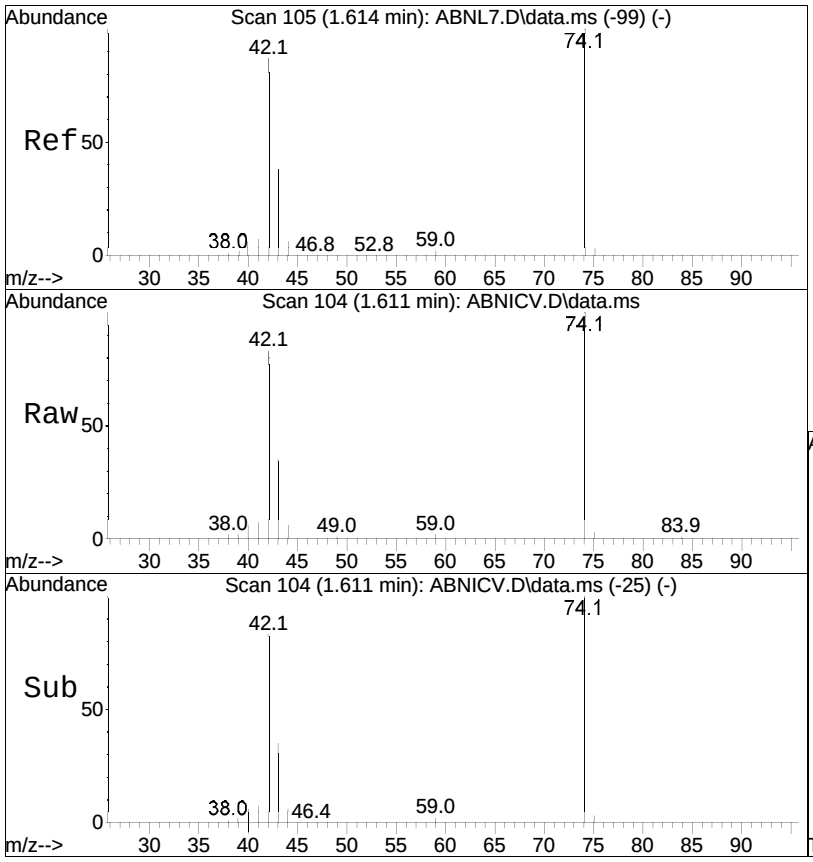
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ABNICV.D
Acq On : 29 Aug 2025 02:34 pm
Operator : SV134:mrg
Sample : CQICV1,32,,ABNICV Lot# 11653
Misc : WG2110324
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 03 16:17:53 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 16:18:25 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublistAL\AP9L7a.D•

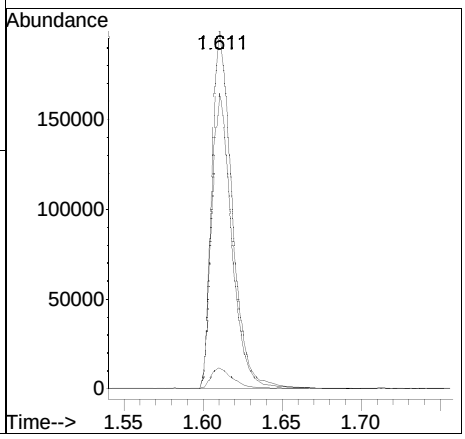


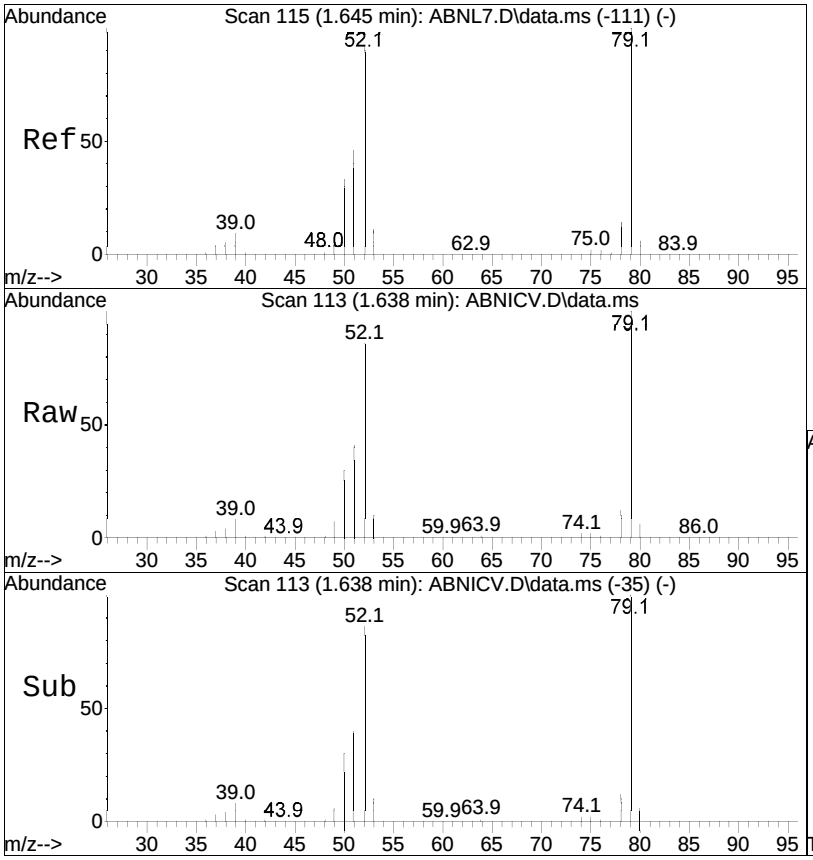


#2
n-Nitrosodimethylamine
Concen: 47.49 ug/ml
RT: 1.611 min Scan# 104
Delta R.T. -0.004 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion: 74 Resp: 175217

Ion	Ratio	Lower	Upper
74	100		
42	82.1	57.8	86.6
44	5.9	3.2	4.8#

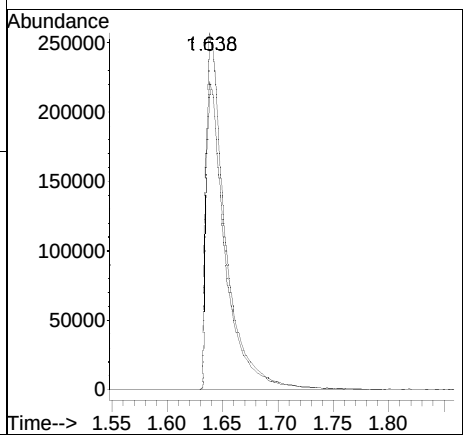


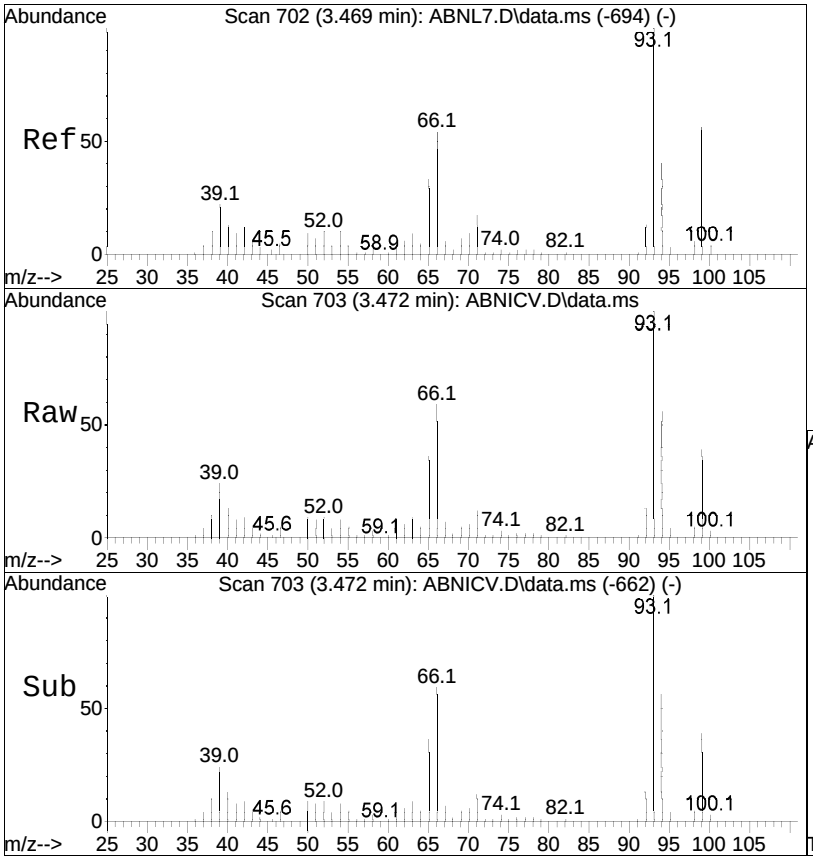


#3
Pyridine
Concen: 63.55 ug/ml
RT: 1.638 min Scan# 113
Delta R.T. -0.007 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion: 79 Resp: 307517

Ion	Ratio	Lower	Upper
79	100		
52	86.7	40.4	60.6#

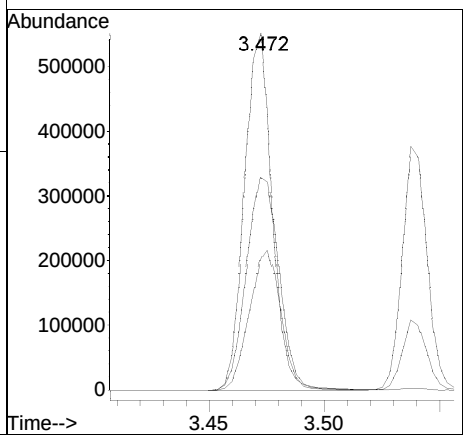


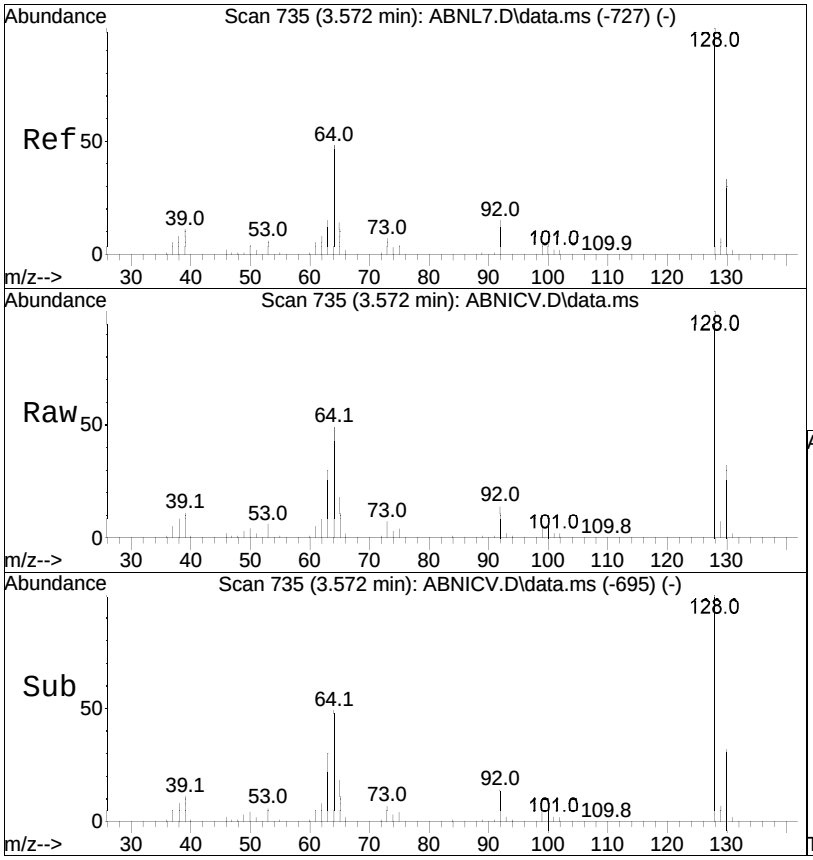


#5
Aniline
Concen: 48.53 ug/ml
RT: 3.472 min Scan# 703
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion: 93 Resp: 458473

Ion	Ratio	Lower	Upper
93	100		
66	71.0	47.2	70.8#
65	44.5	29.7	44.5#

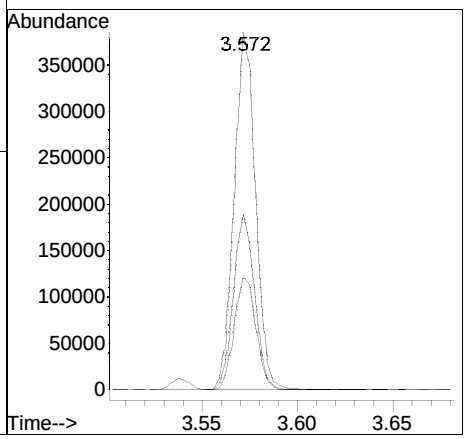


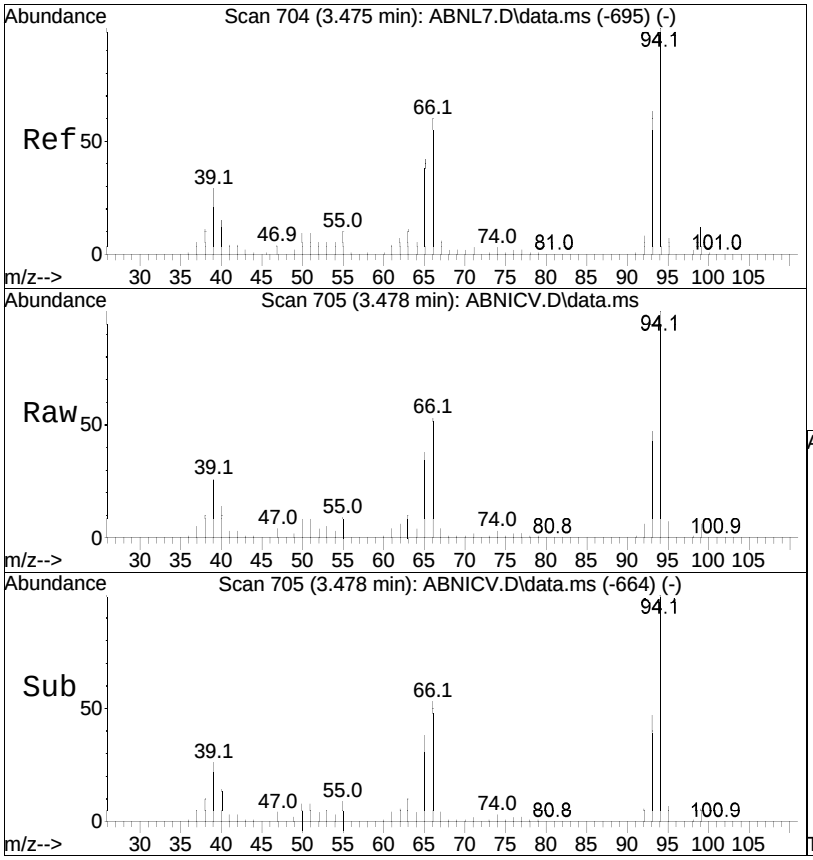


#6
2-Chlorophenol
Concen: 47.35 ug/ml
RT: 3.572 min Scan# 735
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:128 Resp: 297991

Ion	Ratio	Lower	Upper
128	100		
64	48.4	32.7	49.1
130	32.3	26.4	39.6

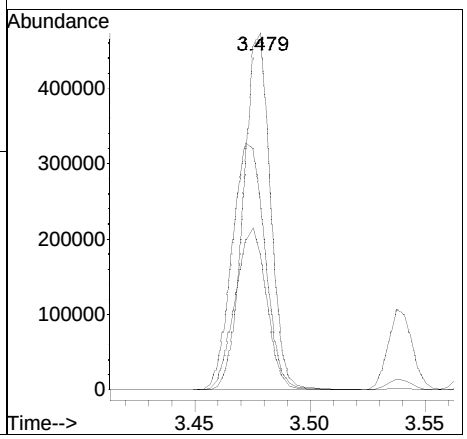


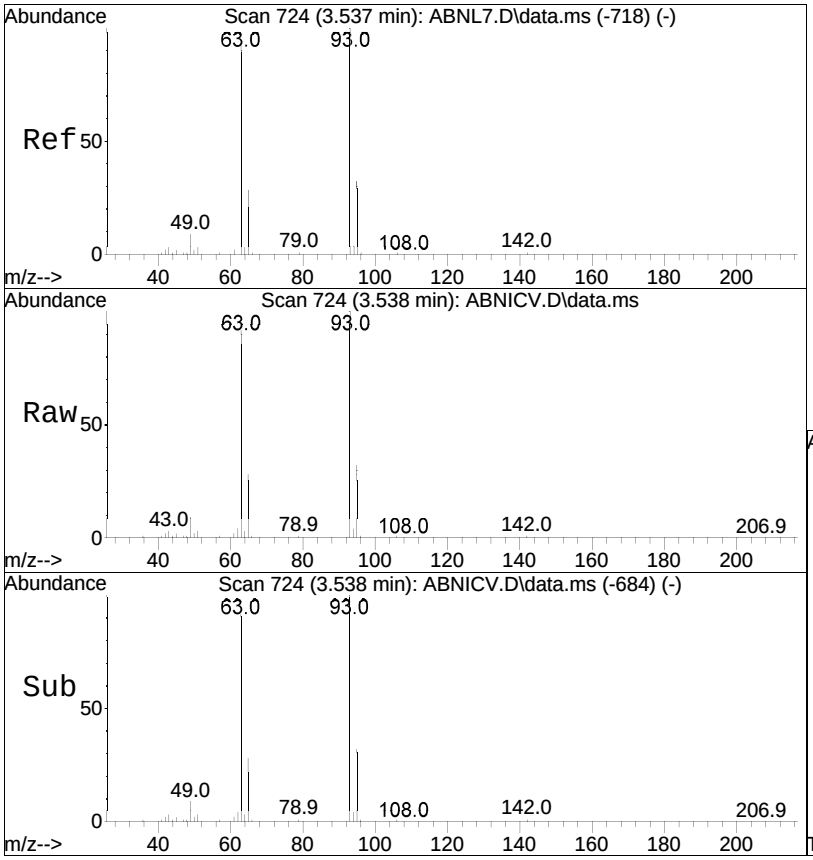


#8
Phenol
Concen: 47.76 ug/ml
RT: 3.478 min Scan# 705
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion: 94 Resp: 386115

Ion	Ratio	Lower	Upper
94	100		
65	52.9	34.2	51.4#
66	84.3	54.4	81.6#

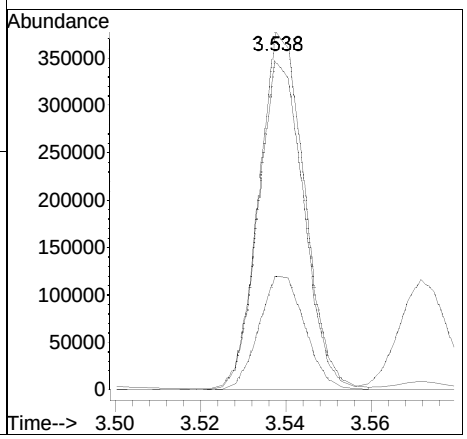


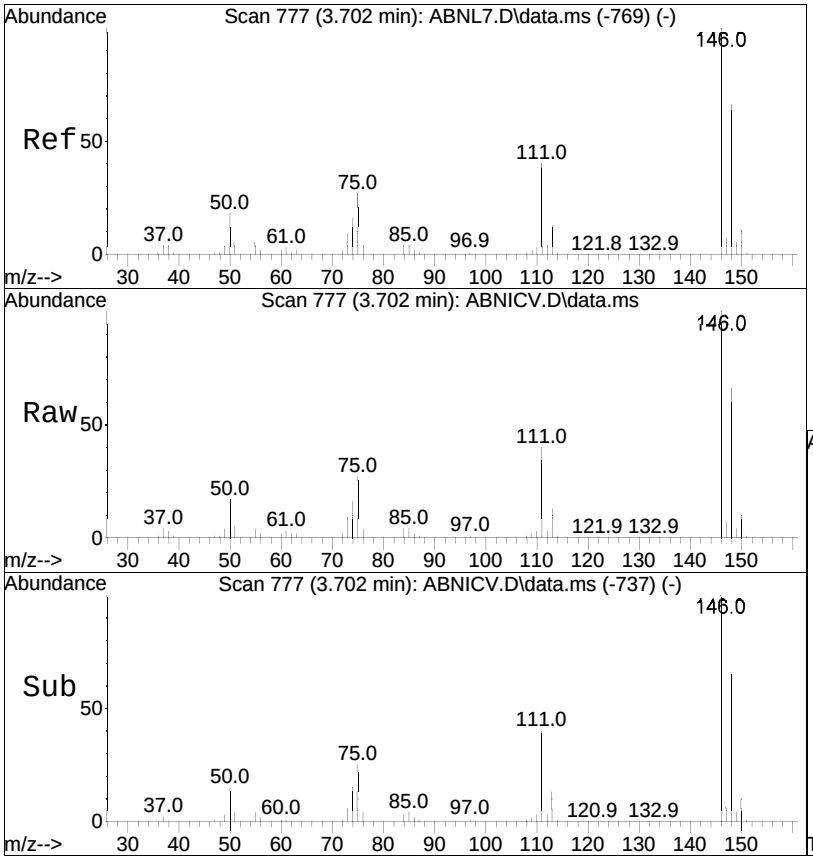


#9
Bis(2-chloroethyl)ether
Concen: 47.32 ug/ml
RT: 3.538 min Scan# 724
Delta R.T. 0.001 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion: 93 Resp: 279370

Ion	Ratio	Lower	Upper
93	100		
63	91.4	51.7	77.5#
95	32.3	26.1	39.1

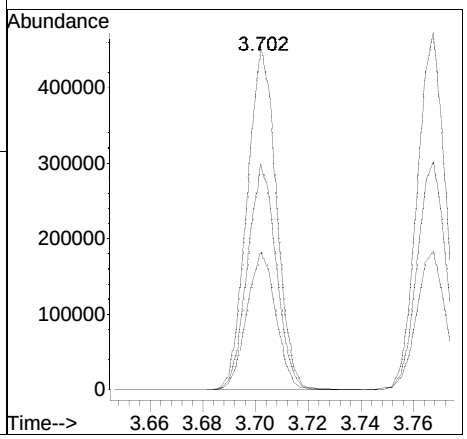


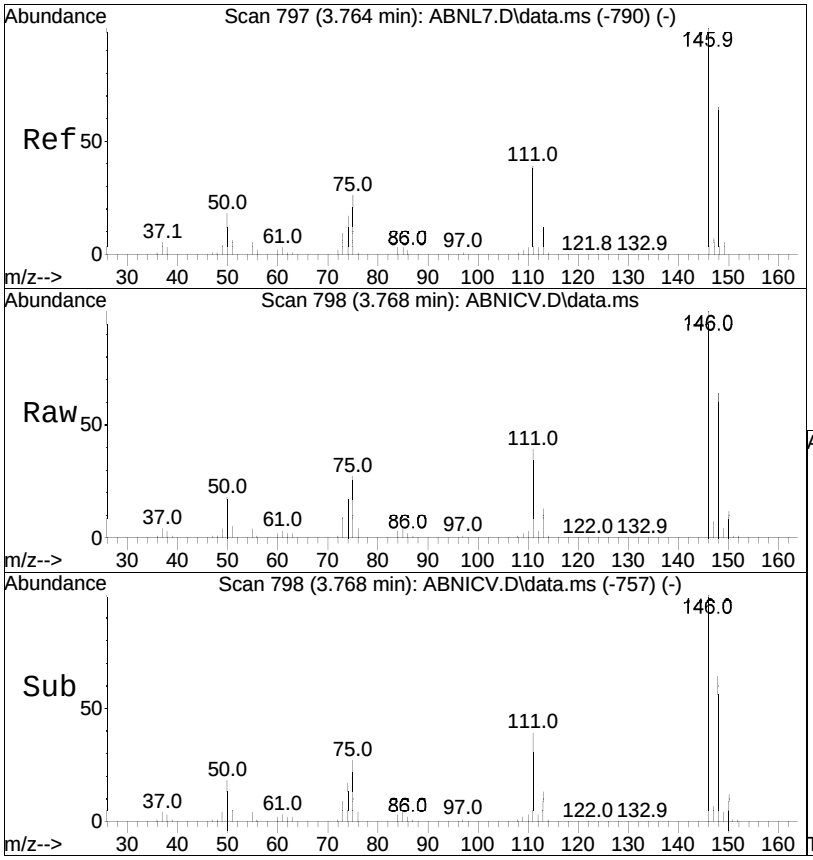


#10
1,3-Dichlorobenzene
Concen: 47.08 ug/ml
RT: 3.702 min Scan# 777
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:146 Resp: 351911

Ion	Ratio	Lower	Upper
146	100		
111	39.8	36.0	54.0
148	64.6	49.8	74.6

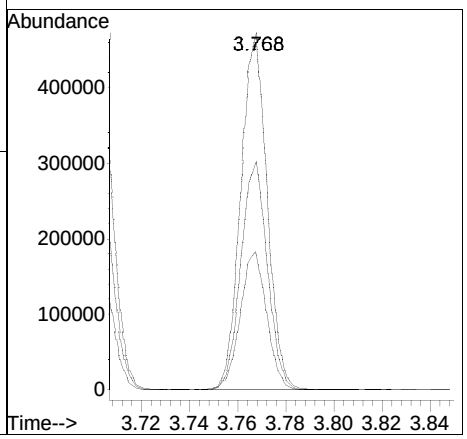


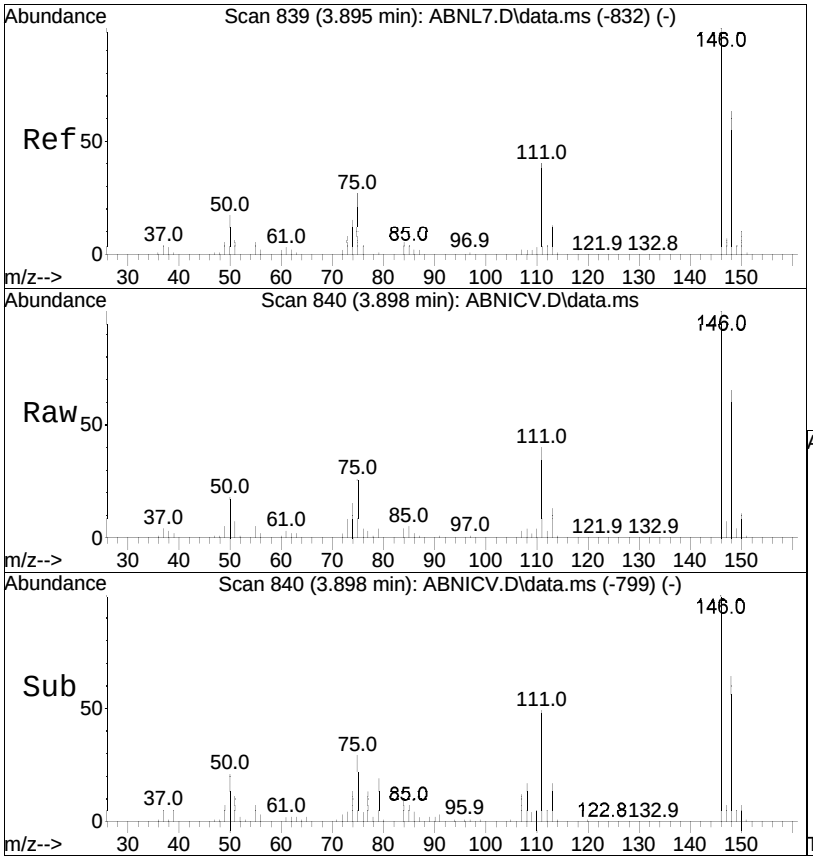


#11
1,4-Dichlorobenzene
Concen: 46.29 ug/ml
RT: 3.768 min Scan# 798
Delta R.T. 0.004 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:146 Resp: 357235

Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.7	76.1
111	39.6	35.8	53.6

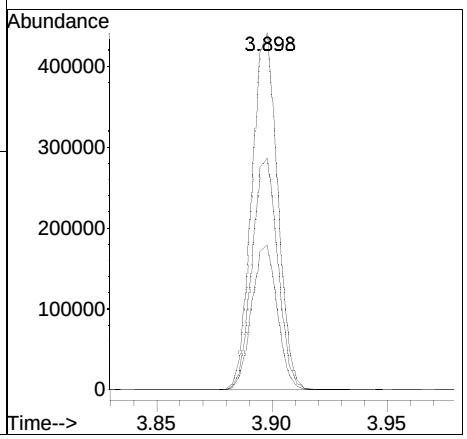


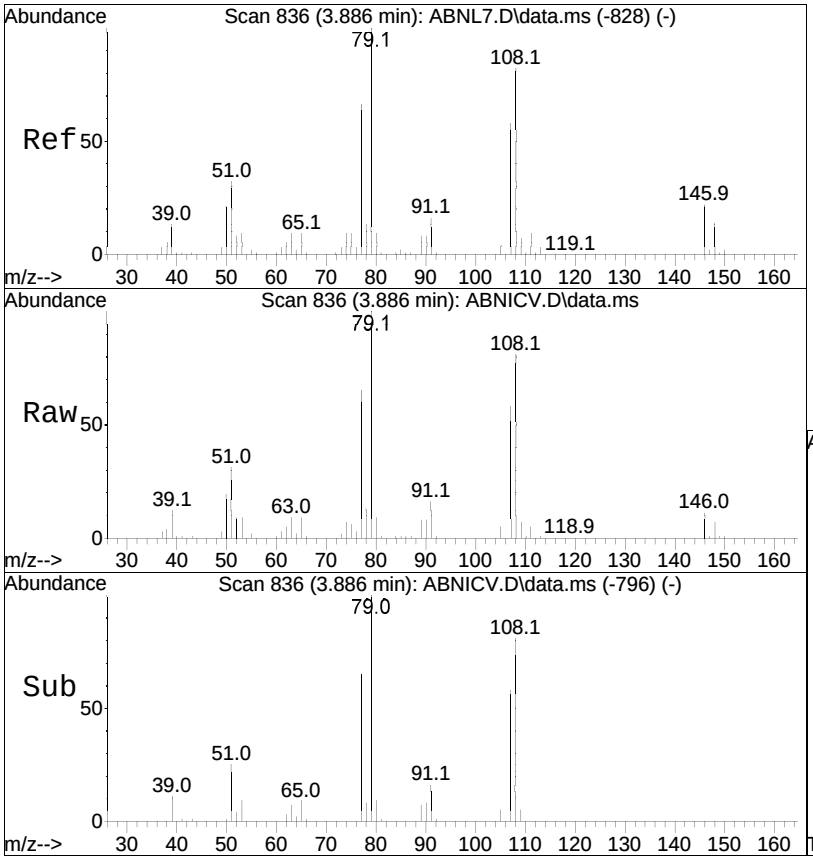


#12
1,2-Dichlorobenzene
Concen: 46.71 ug/ml
RT: 3.898 min Scan# 840
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:146 Resp: 341605

Ion	Ratio	Lower	Upper
146	100		
111	40.3	37.6	56.4
148	64.5	51.2	76.8

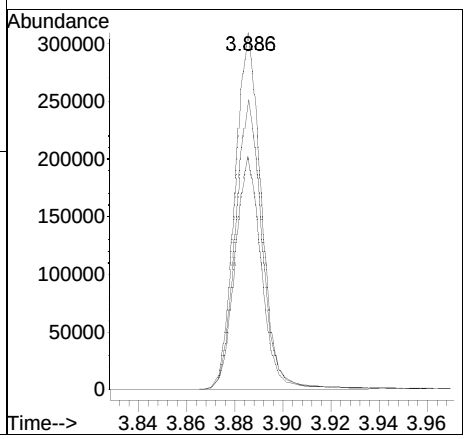


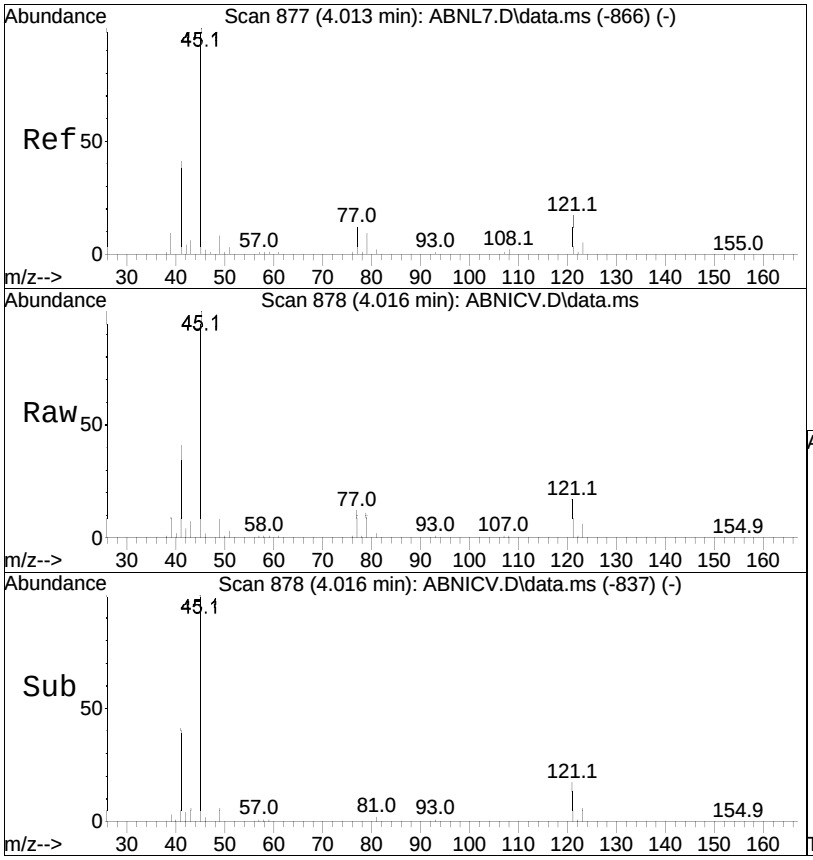


#13
Benzyl alcohol
Concen: 48.72 ug/ml
RT: 3.886 min Scan# 836
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion: 79 Resp: 235968

Ion	Ratio	Lower	Upper
79	100		
77	65.6	53.8	80.8
108	82.1	67.3	100.9

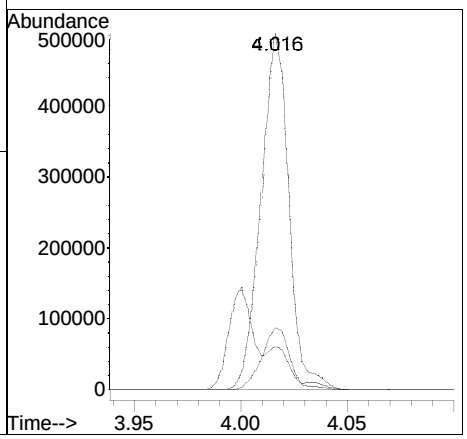


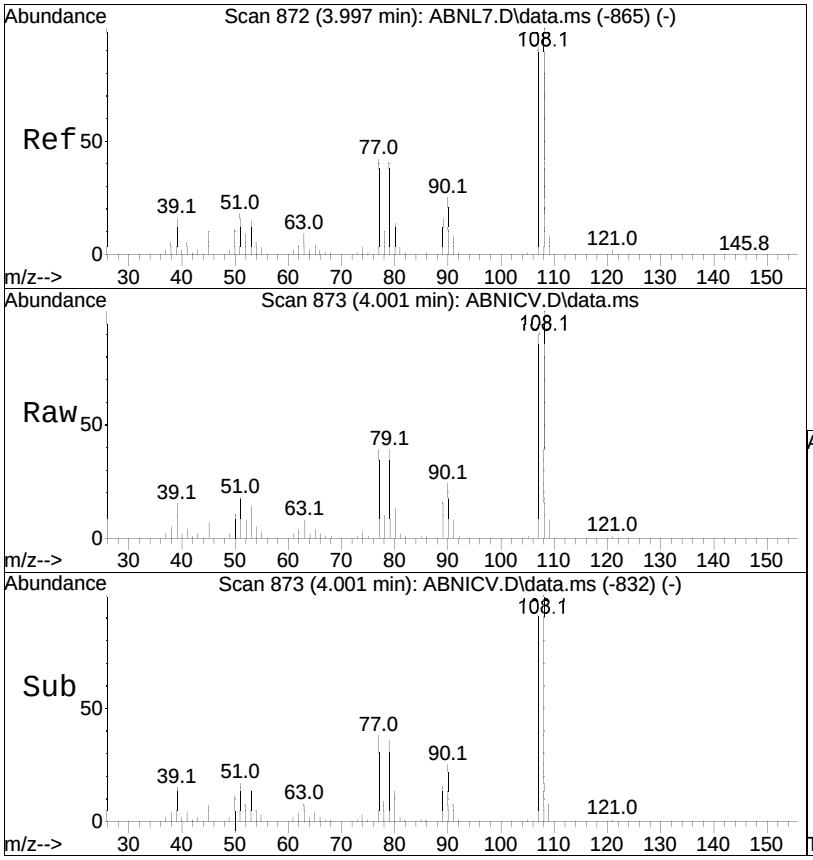


#14
Bis(2-chloroisopropyl)ether
Concen: 44.11 ug/ml
RT: 4.016 min Scan# 878
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion: 45 Resp: 451910

Ion	Ratio	Lower	Upper
45	100		
121	17.9	21.0	31.6#
77	25.3	40.4	60.6#

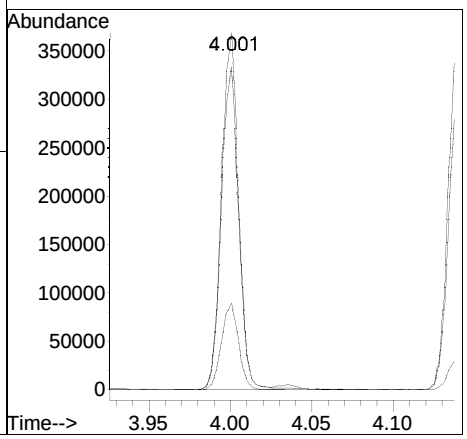


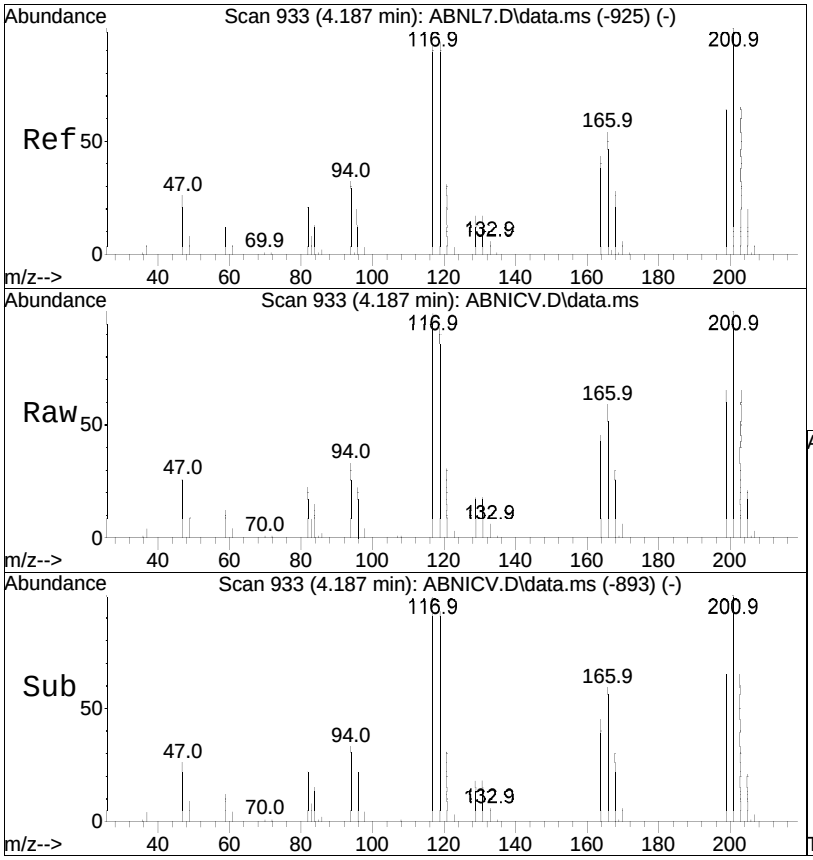


#15
2-Methylphenol
Concen: 47.99 ug/ml
RT: 4.001 min Scan# 873
Delta R.T. 0.004 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:108 Resp: 270250

Ion	Ratio	Lower	Upper
108	100		
107	90.5	71.6	107.4
90	24.4	18.8	28.2

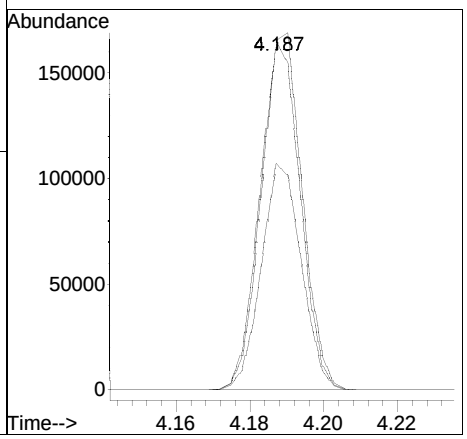


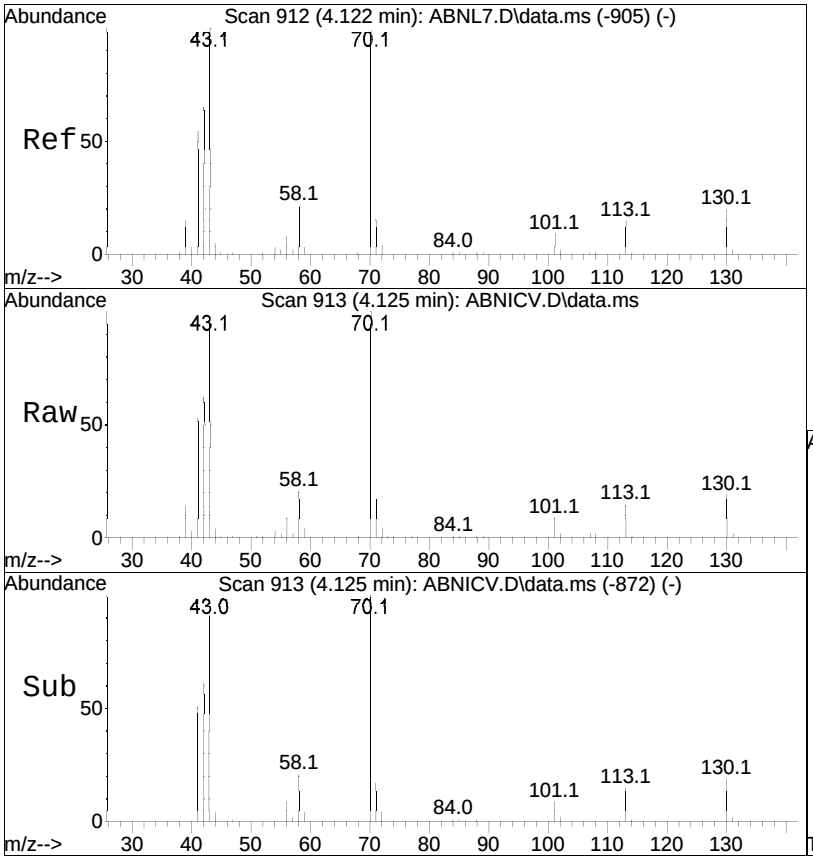


#16
Hexachloroethane
Concen: 47.26 ug/ml
RT: 4.187 min Scan# 933
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:117 Resp: 124973

Ion	Ratio	Lower	Upper
117	100		
201	103.4	47.2	70.8#
199	64.5	29.8	44.6#

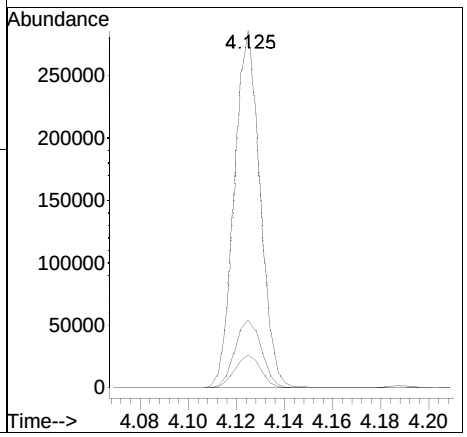


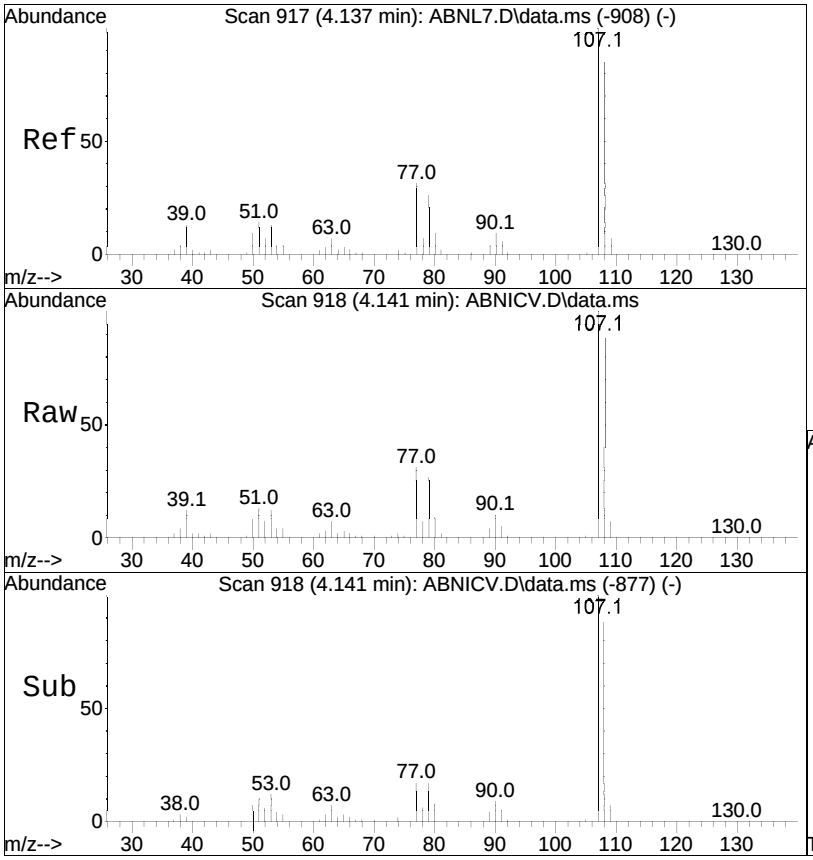


#17
n-Nitrosodi-n-propylamine
Concen: 47.73 ug/ml
RT: 4.125 min Scan# 913
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion: 70 Resp: 212556

Ion	Ratio	Lower	Upper
70	100		
130	19.6	18.7	28.1
101	9.2	8.4	12.6

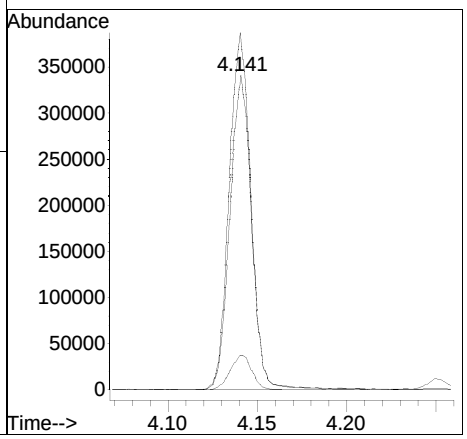


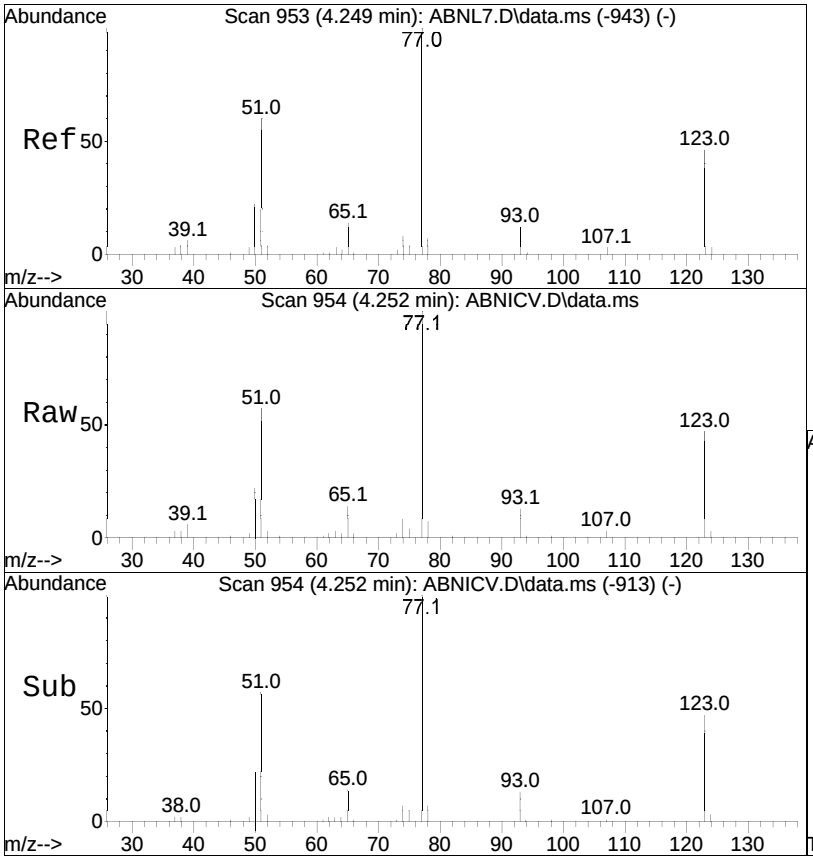


#18
3-Methylphenol/4-Methylphenol
Concen: 48.49 ug/ml
RT: 4.141 min Scan# 918
Delta R.T. 0.004 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:108 Resp: 286082

Ion	Ratio	Lower	Upper
108	100		
107	113.8	87.0	130.6
90	11.2	8.4	12.6

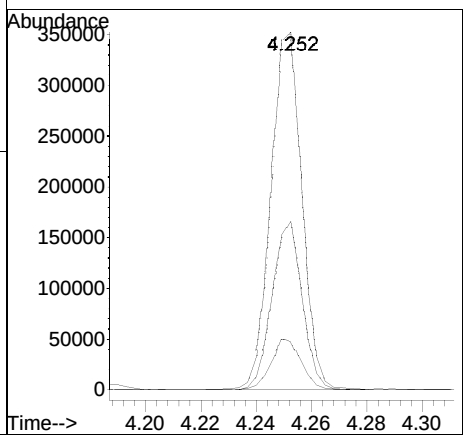


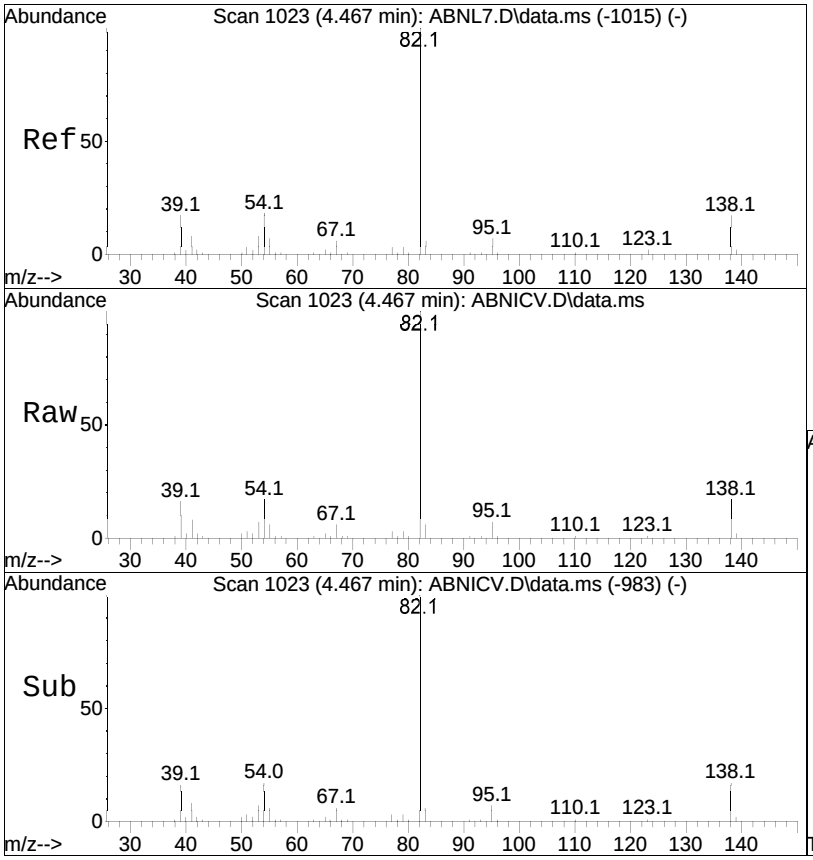


#20
Nitrobenzene
Concen: 47.75 ug/ml
RT: 4.252 min Scan# 954
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion: 77 Resp: 271204

Ion	Ratio	Lower	Upper
77	100		
123	46.0	38.3	57.5
65	14.4	10.3	15.5

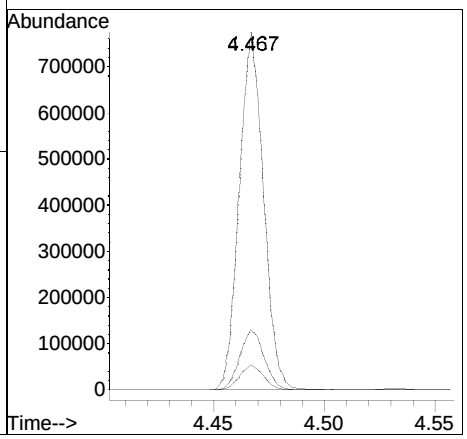


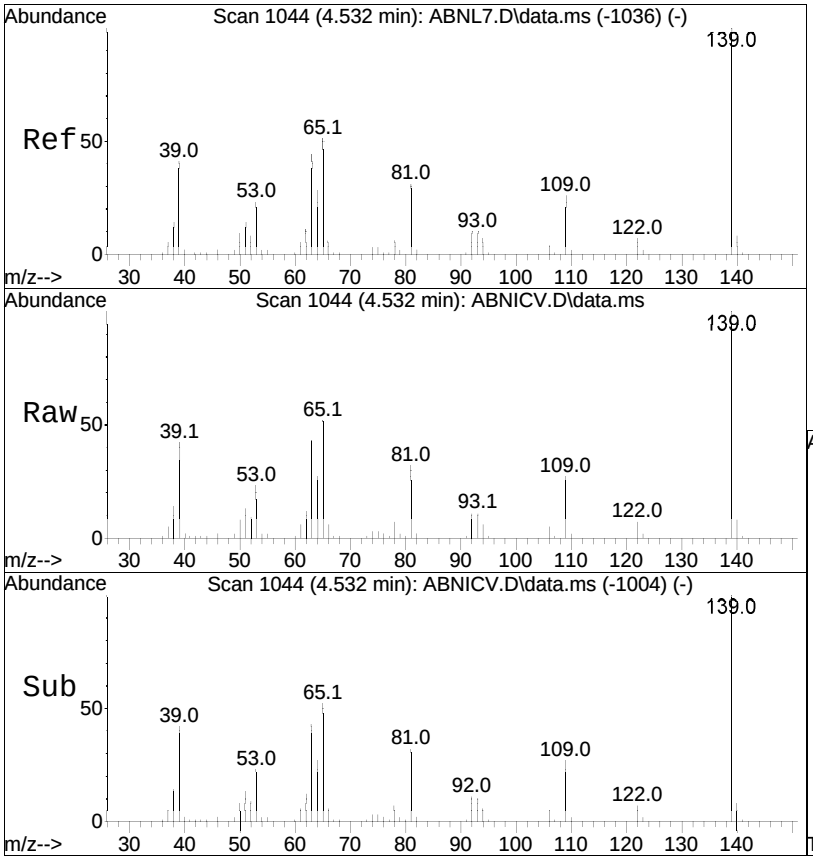


#21
Isophorone
Concen: 47.12 ug/ml
RT: 4.467 min Scan# 1023
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion: 82 Resp: 579968

Ion	Ratio	Lower	Upper
82	100		
138	17.0	13.3	19.9
95	6.9	5.1	7.7

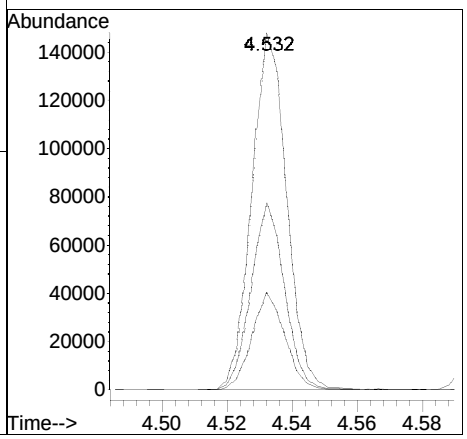


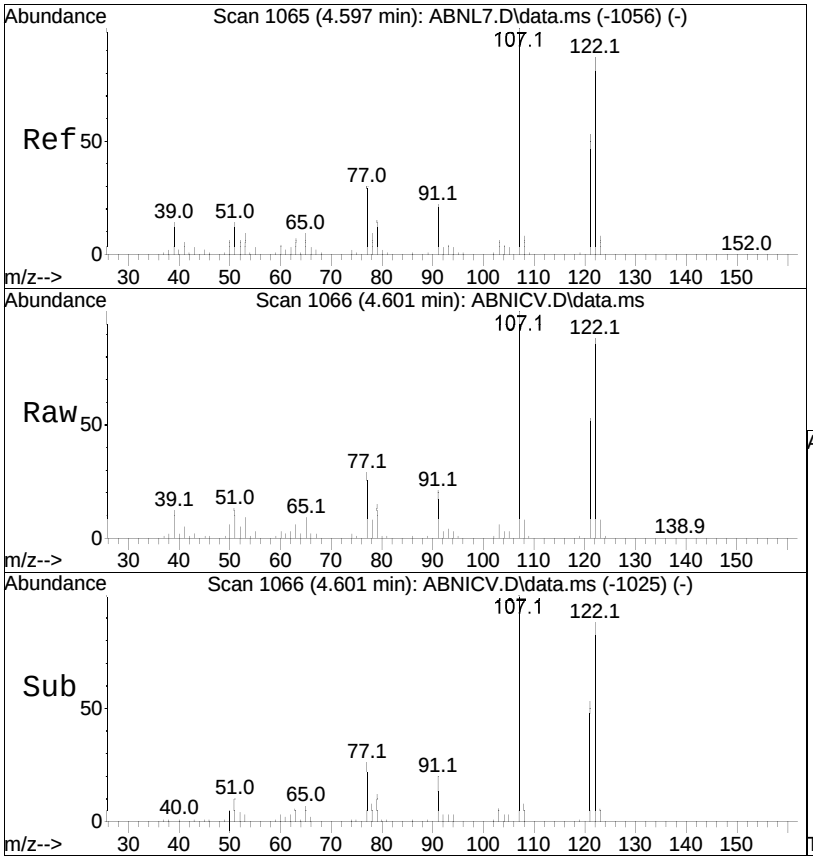


#22
2-Nitrophenol
Concen: 46.40 ug/ml
RT: 4.532 min Scan# 1044
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:139 Resp: 109170

Ion	Ratio	Lower	Upper
139	100		
109	26.2	20.1	30.1
65	51.0	37.8	56.8

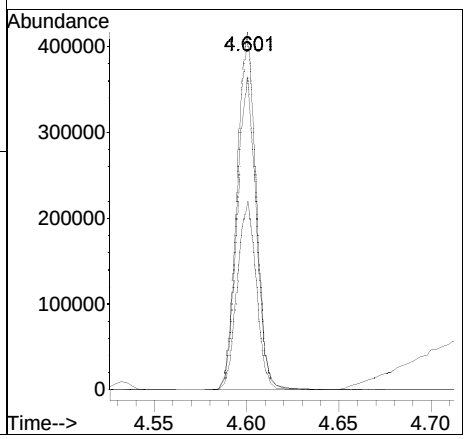


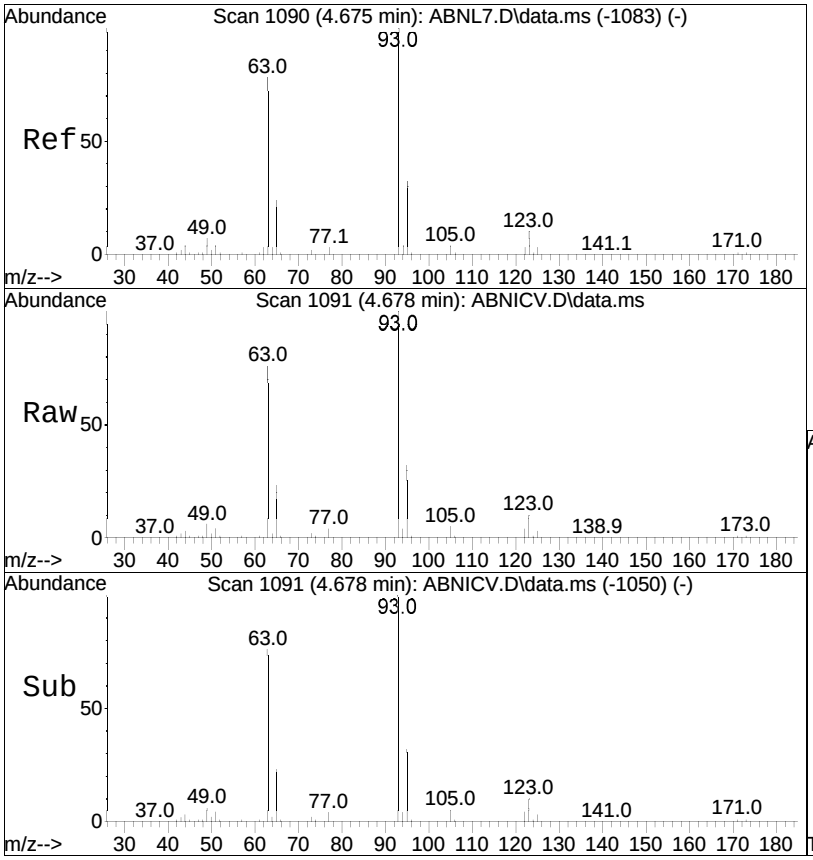


#23
2,4-Dimethylphenol
Concen: 48.37 ug/ml
RT: 4.601 min Scan# 1066
Delta R.T. 0.004 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:107 Resp: 301613

Ion	Ratio	Lower	Upper
107	100		
121	52.6	40.2	60.4
122	86.7	70.2	105.4

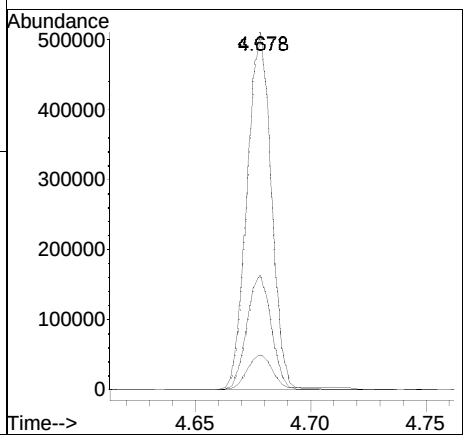


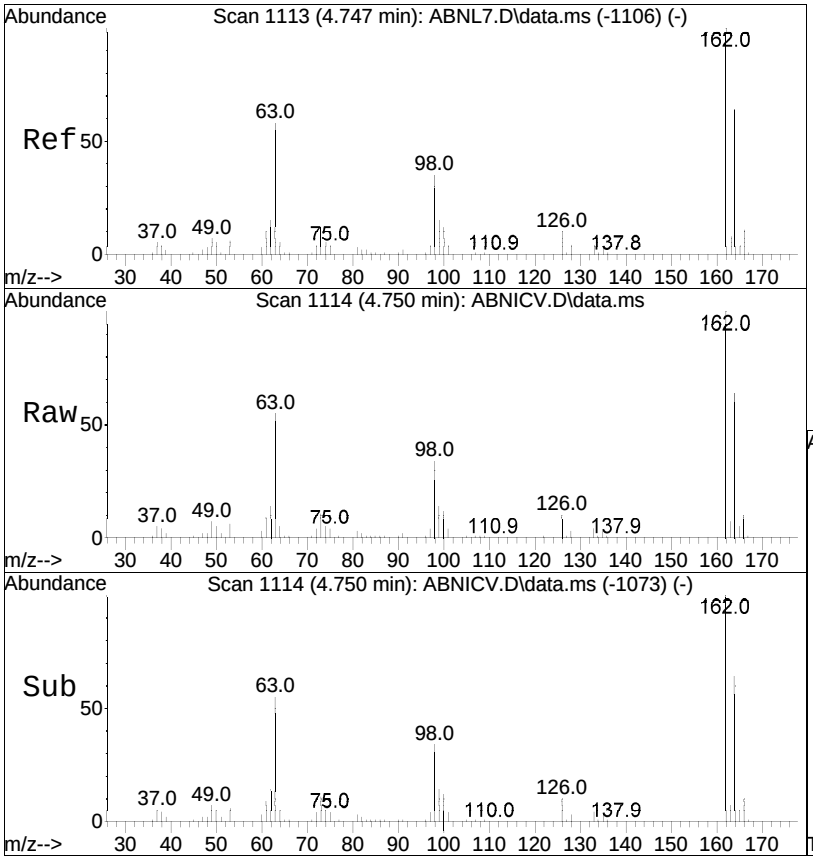


#24
Bis(2-chloroethoxy)methane
Concen: 47.65 ug/ml
RT: 4.678 min Scan# 1091
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion: 93 Resp: 369467

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.3	39.5
123	10.7	11.4	17.0#

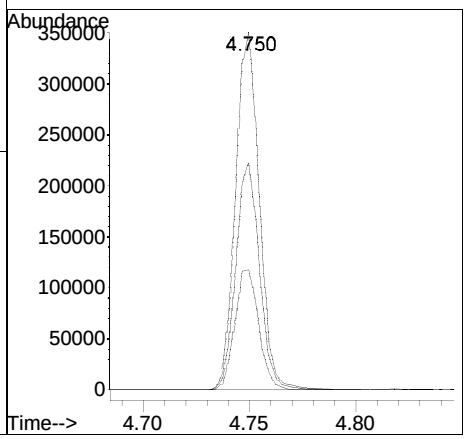


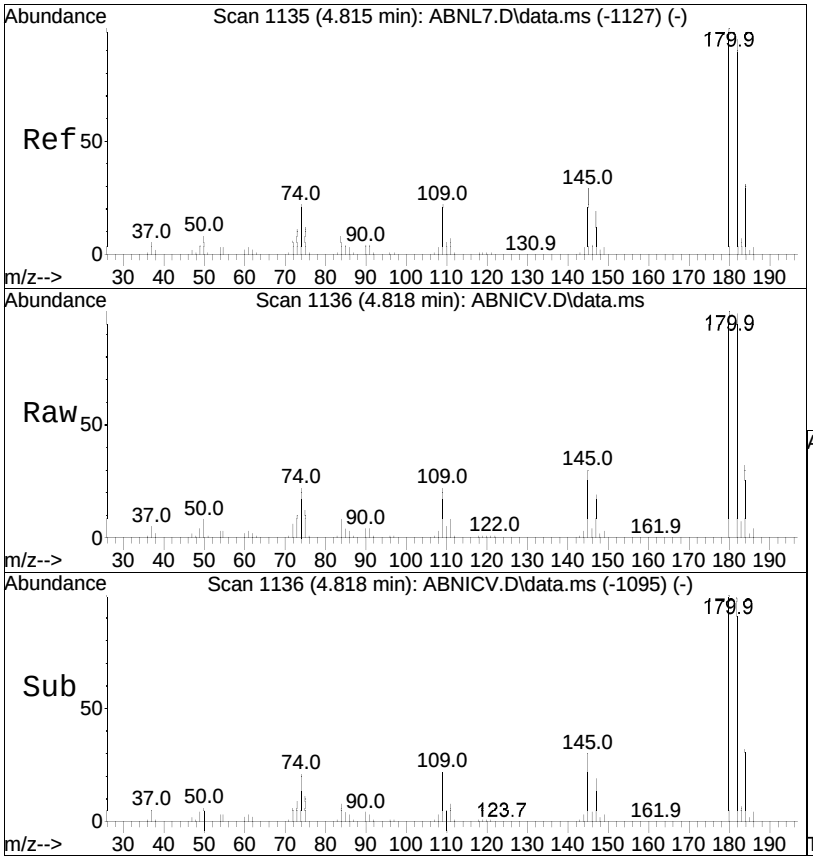


#25
2,4-Dichlorophenol
Concen: 49.71 ug/ml
RT: 4.750 min Scan# 1114
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:162 Resp: 269598

Ion	Ratio	Lower	Upper
162	100		
164	63.7	51.2	76.8
98	34.3	34.6	52.0#

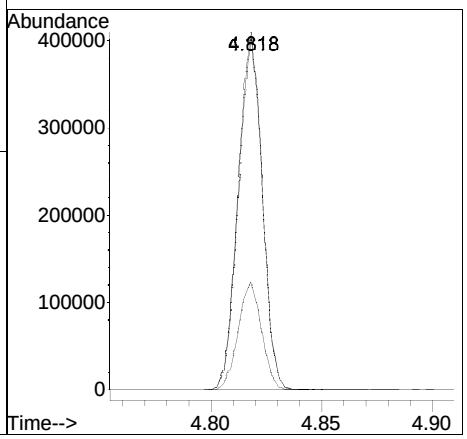


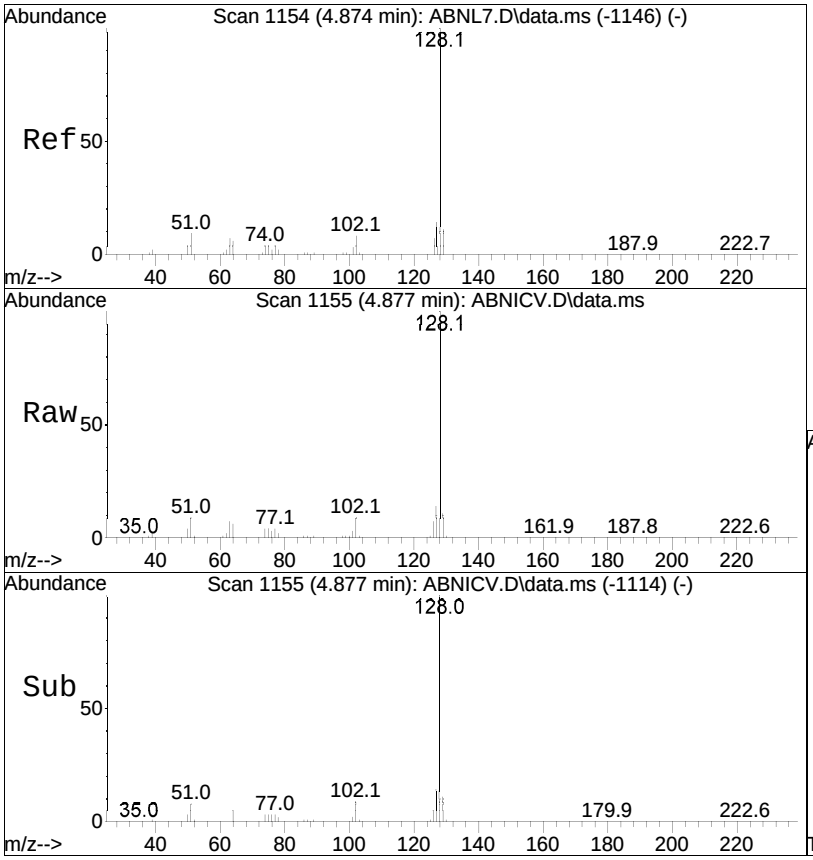


#26
1,2,4-Trichlorobenzene
Concen: 46.89 ug/ml
RT: 4.818 min Scan# 1136
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:180 Resp: 307030

Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.6	115.0
145	29.4	26.3	39.5

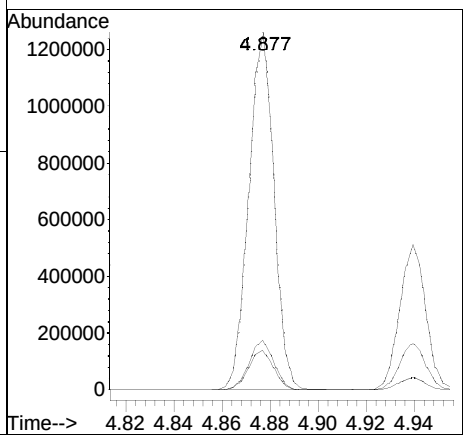


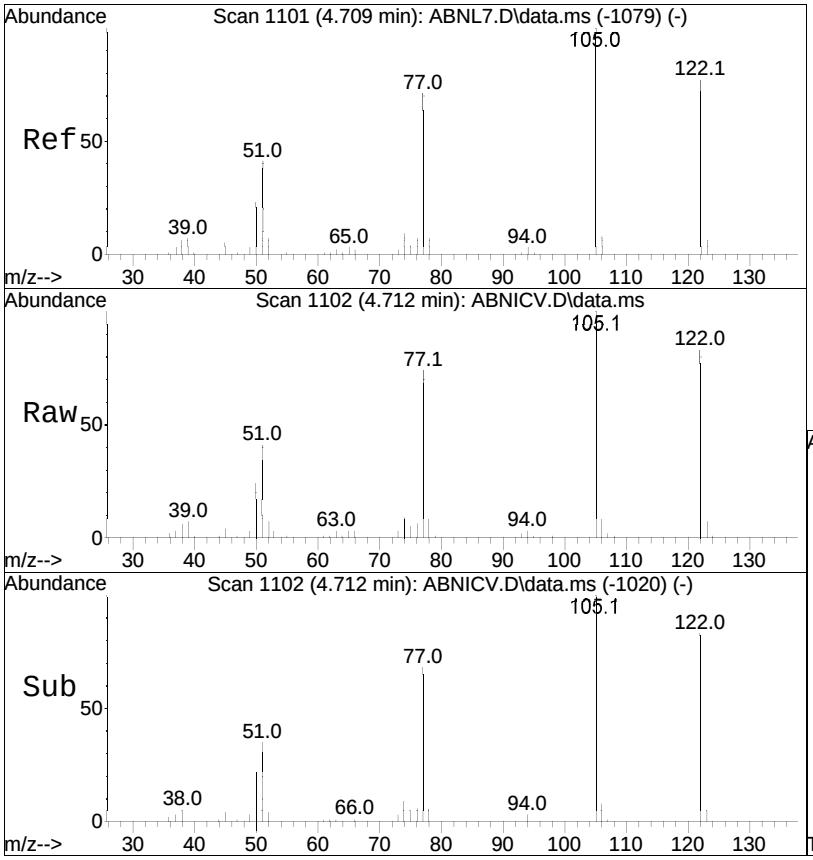


#36
Naphthalene
Concen: 47.37 ug/ml
RT: 4.877 min Scan# 1155
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:128 Resp: 914835

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.7	11.3	16.9

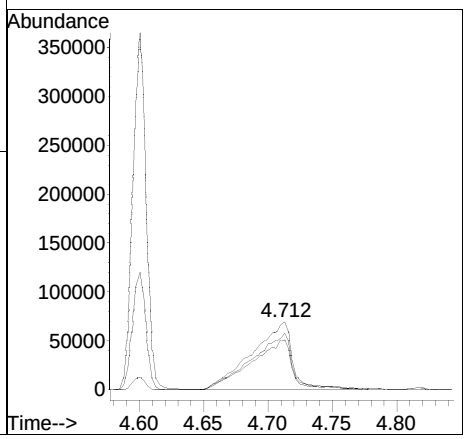


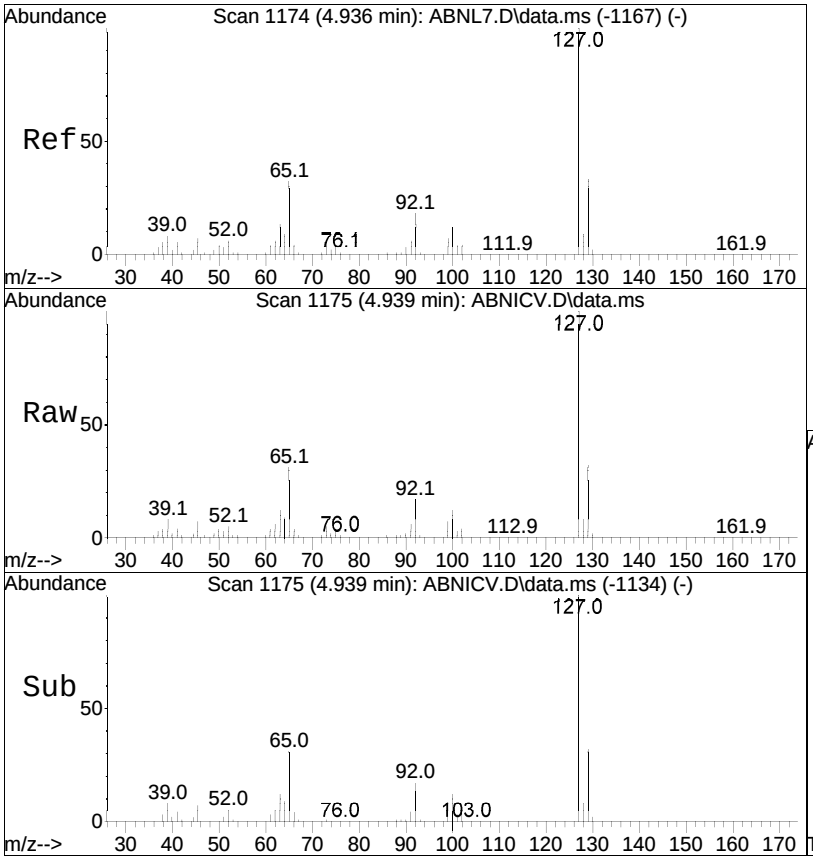


#37
Benzoic Acid
Concen: 44.73 ug/ml
RT: 4.712 min Scan# 1102
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:105 Resp: 157926

Ion	Ratio	Lower	Upper
105	100		
122	75.9	61.5	92.3
77	69.6	57.4	86.2

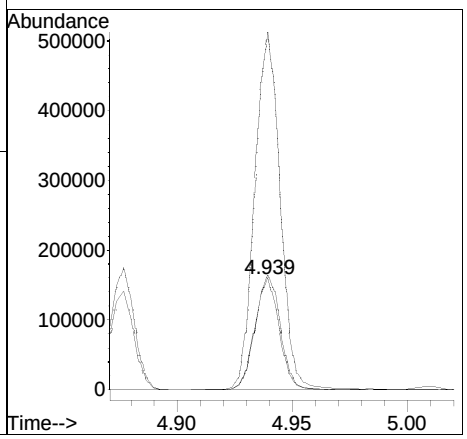


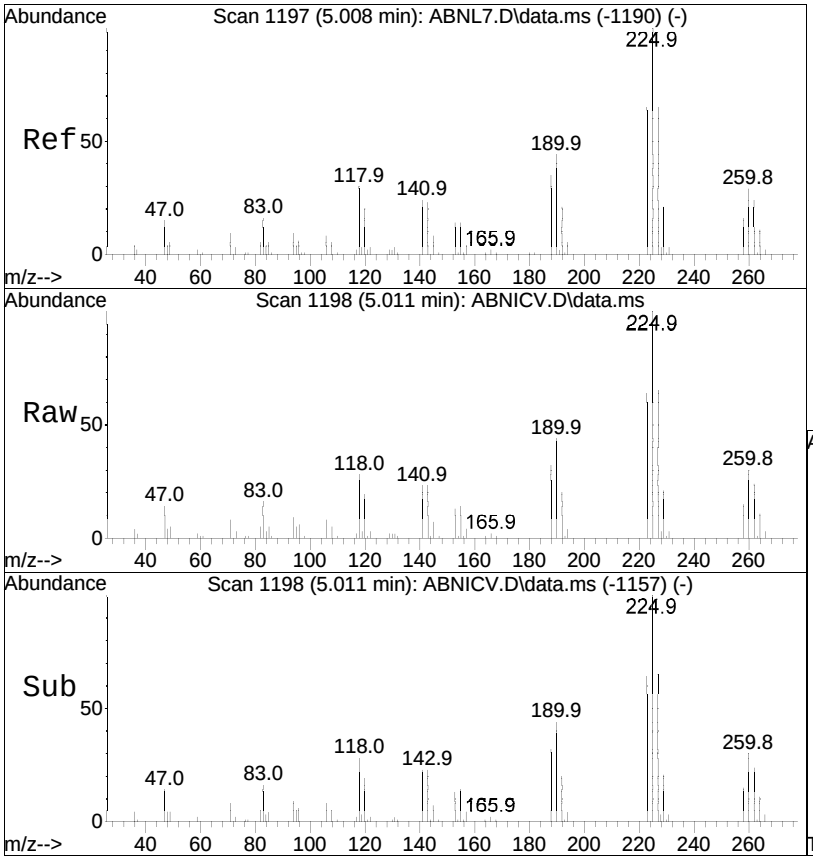


#38
4-Chloroaniline
Concen: 47.83 ug/ml
RT: 4.939 min Scan# 1175
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion: 65 Resp: 119025

Ion	Ratio	Lower	Upper
65	100		
127	327.0	295.3	442.9
129	105.1	96.3	144.5

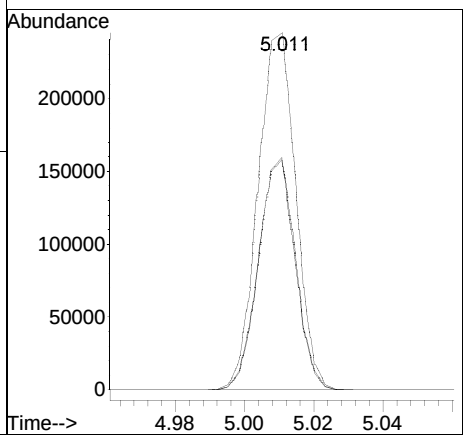


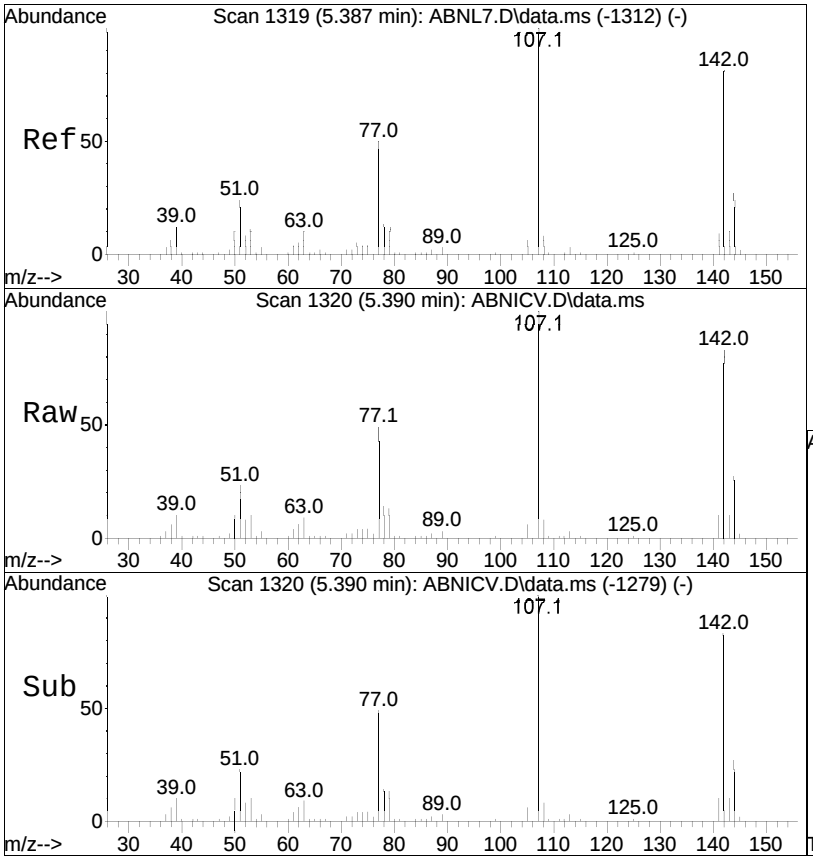


#39
Hexachlorobutadiene
Concen: 47.28 ug/ml
RT: 5.011 min Scan# 1198
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:225 Resp: 185195

Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.2	75.2
227	63.6	51.3	76.9

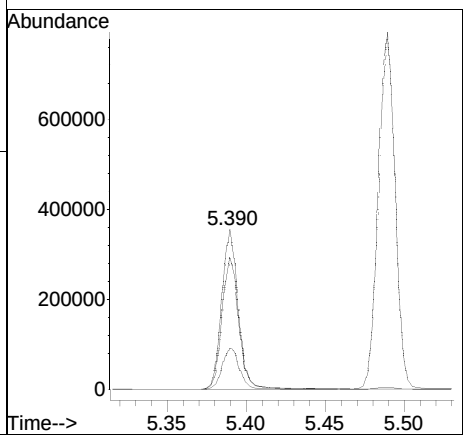


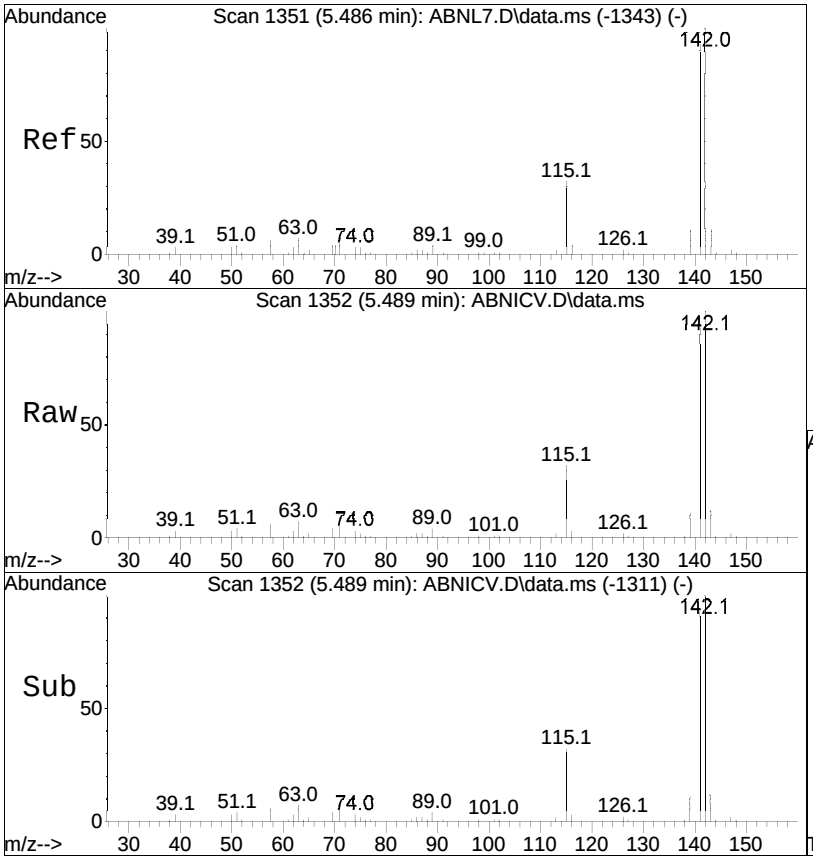


#40
p-Chloro-m-cresol
Concen: 49.59 ug/ml
RT: 5.390 min Scan# 1320
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:107 Resp: 262094

Ion	Ratio	Lower	Upper
107	100		
144	26.7	20.7	31.1
142	83.3	63.7	95.5

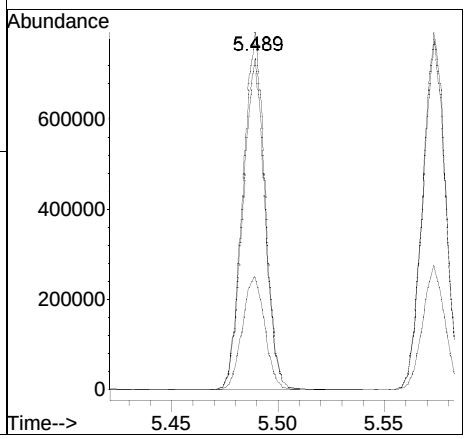


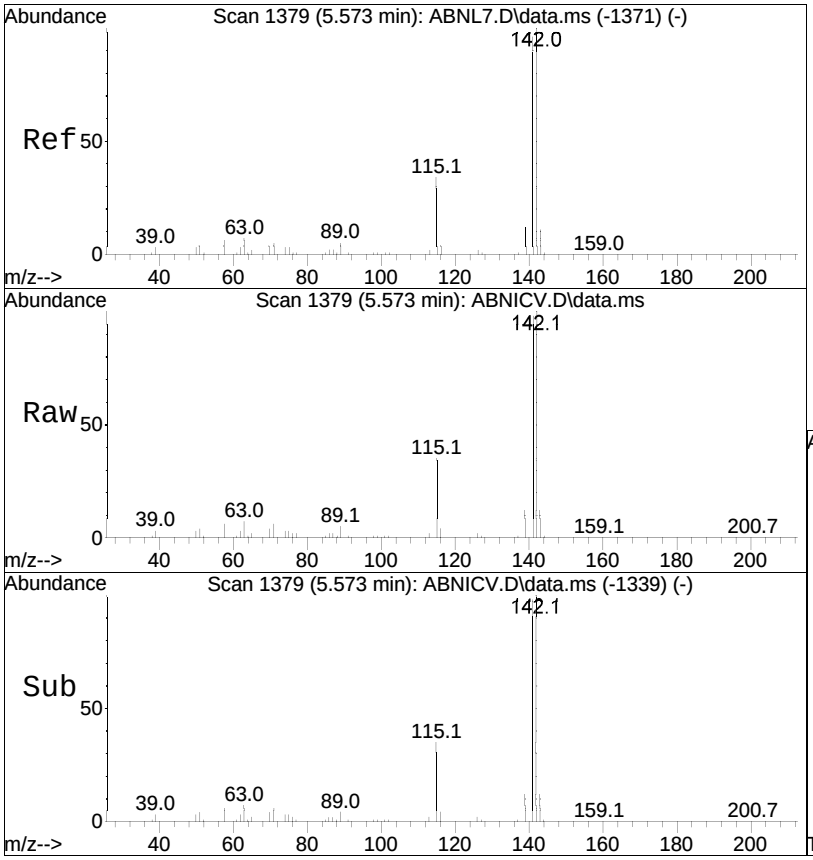


#41
2-Methylnaphthalene
Concen: 48.35 ug/ml
RT: 5.489 min Scan# 1352
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:142 Resp: 575669

Ion	Ratio	Lower	Upper
142	100		
141	92.2	71.0	106.6
115	32.1	29.8	44.6

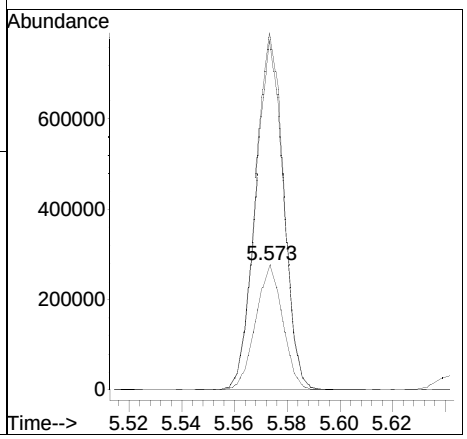


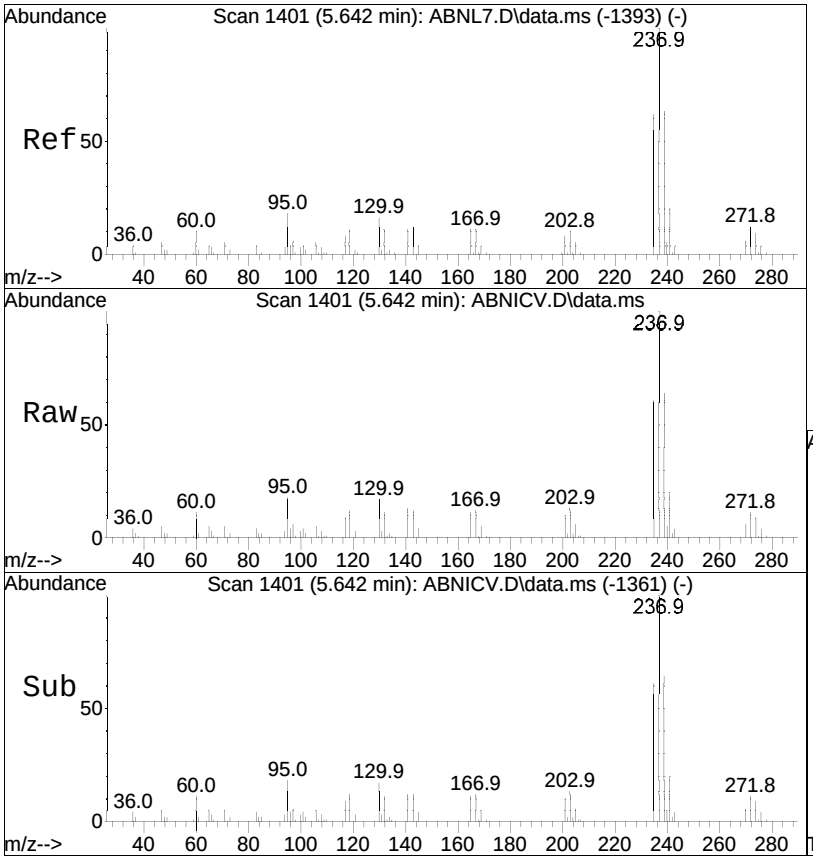


#42
1-Methylnaphthalene
Concen: 47.23 ug/ml
RT: 5.573 min Scan# 1379
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:115 Resp: 198461

Ion	Ratio	Lower	Upper
115	100		
141	284.6	188.9	283.3#
142	297.4	205.5	308.3

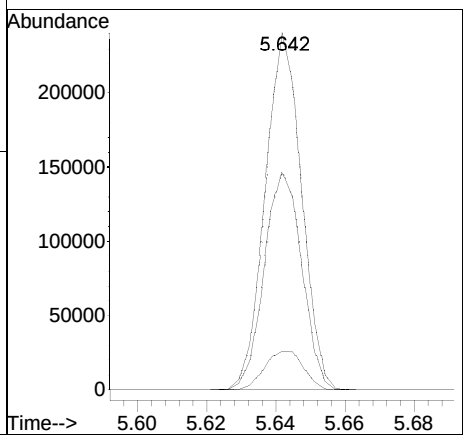


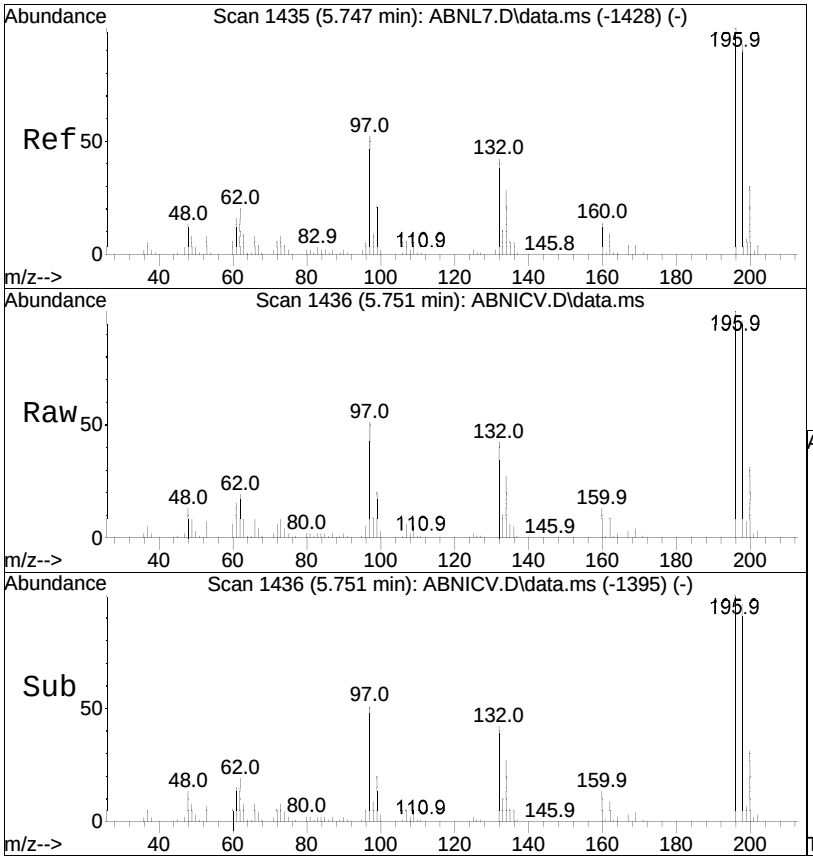


#43
Hexachlorocyclopentadiene
Concen: 51.58 ug/ml
RT: 5.642 min Scan# 1401
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:237 Resp: 174795

Ion	Ratio	Lower	Upper
237	100		
235	63.1	50.2	75.2
272	11.9	11.4	17.2

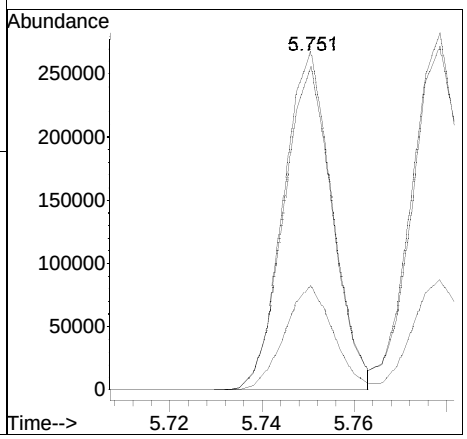


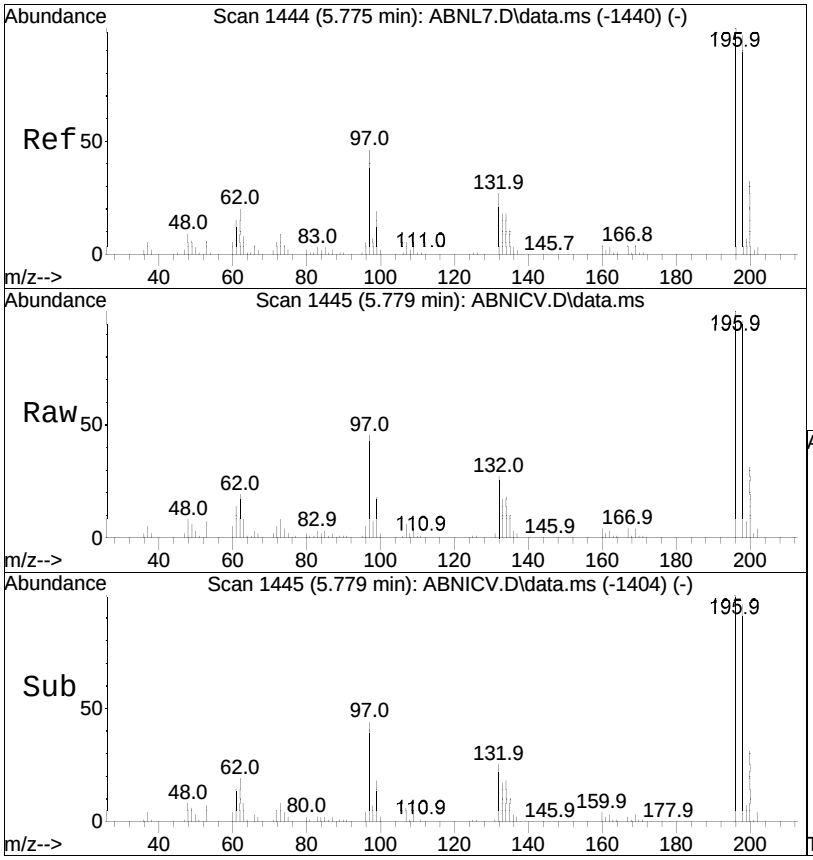


#44
2,4,6-Trichlorophenol
Concen: 49.70 ug/ml
RT: 5.751 min Scan# 1436
Delta R.T. 0.004 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:196 Resp: 197415

Ion	Ratio	Lower	Upper
196	100		
198	95.3	76.0	114.0
200	30.6	24.9	37.3

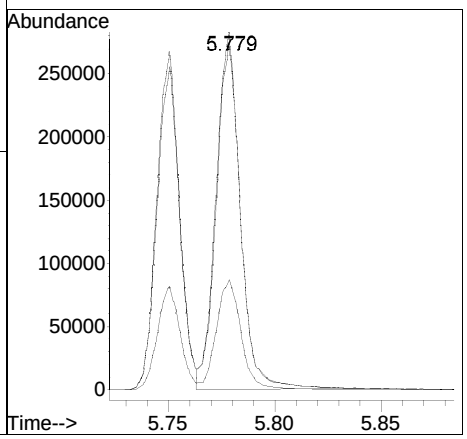


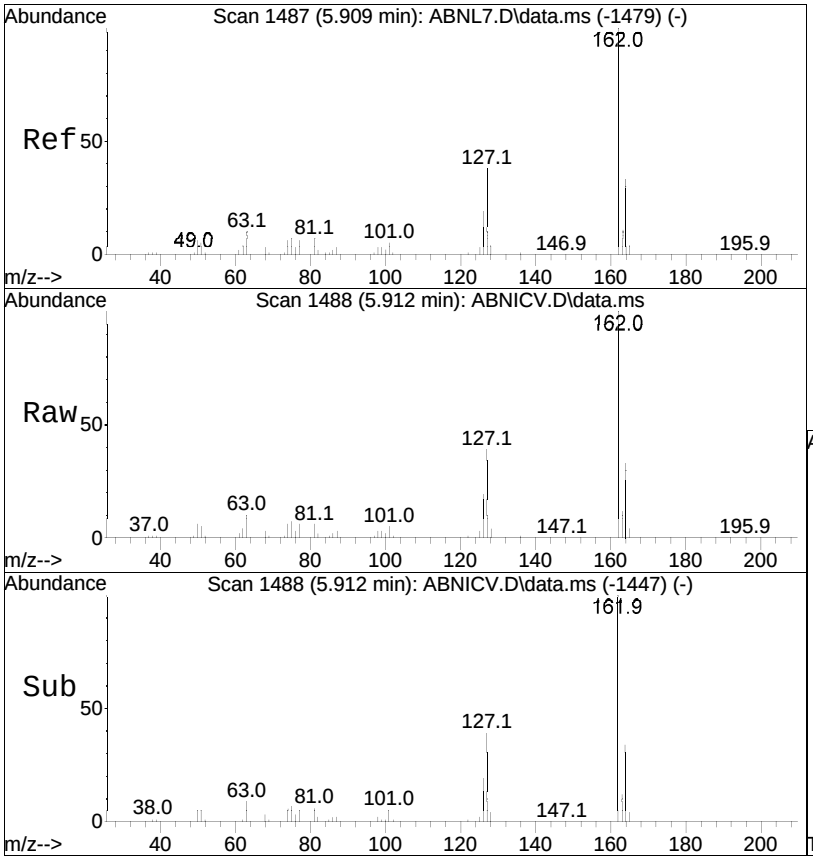


#45
2,4,5-Trichlorophenol
Concen: 49.35 ug/ml
RT: 5.779 min Scan# 1445
Delta R.T. 0.004 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:196 Resp: 221659

Ion	Ratio	Lower	Upper
196	100		
200	31.5	23.8	35.6
198	99.0	74.3	111.5

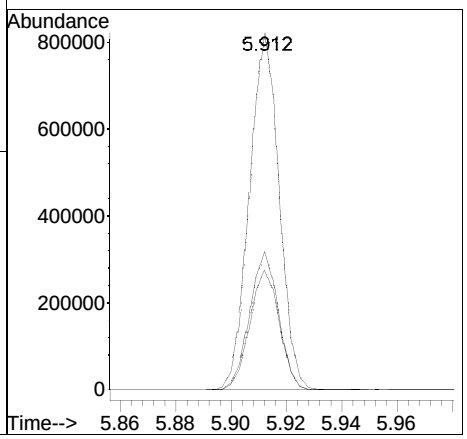


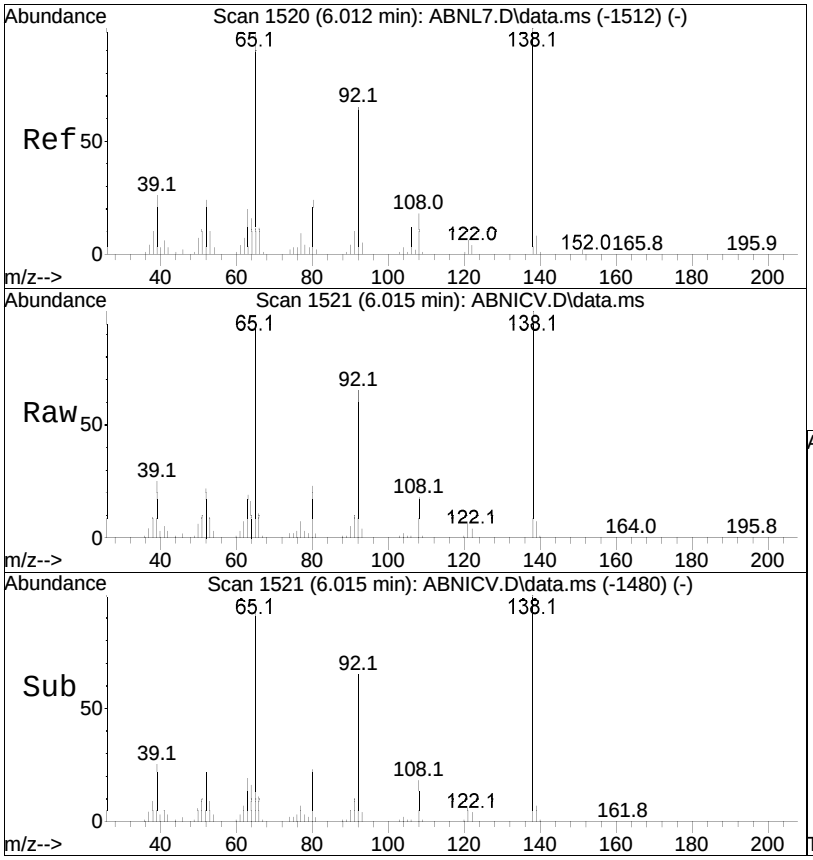


#47
2-Chloronaphthalene
Concen: 46.88 ug/ml
RT: 5.912 min Scan# 1488
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:162 Resp: 608031

Ion	Ratio	Lower	Upper
162	100		
127	37.7	33.9	50.9
164	33.4	26.3	39.5

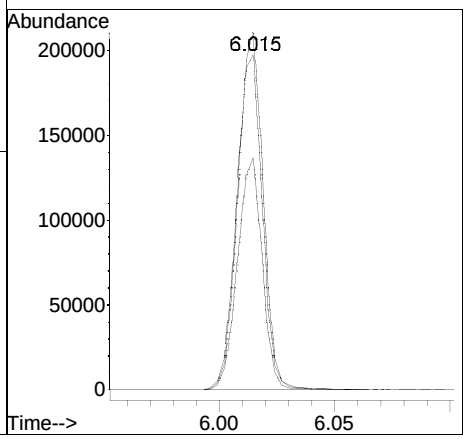


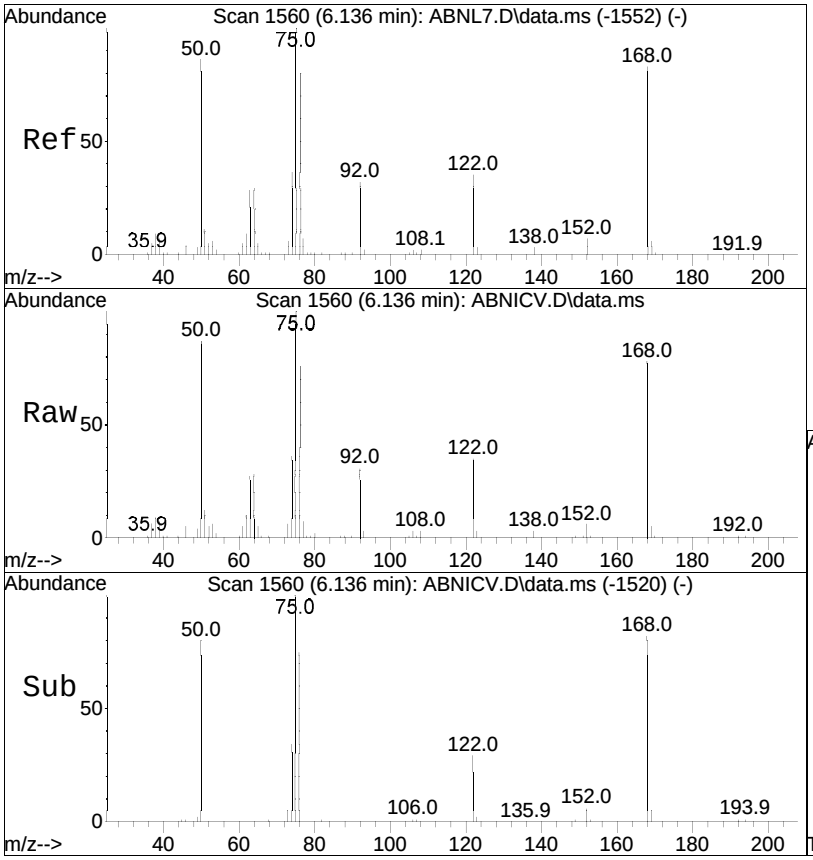


#48
2-Nitroaniline
Concen: 48.42 ug/ml
RT: 6.015 min Scan# 1521
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:138 Resp: 158050

Ion	Ratio	Lower	Upper
138	100		
92	64.0	52.5	78.7
65	95.7	67.7	101.5

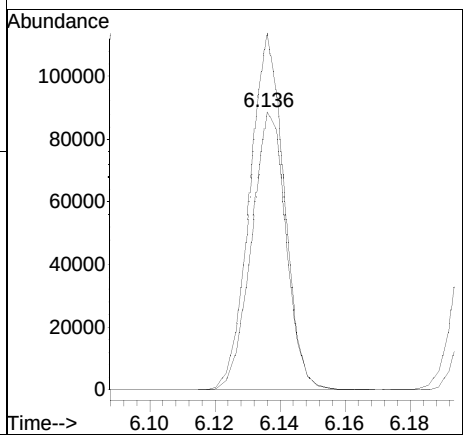


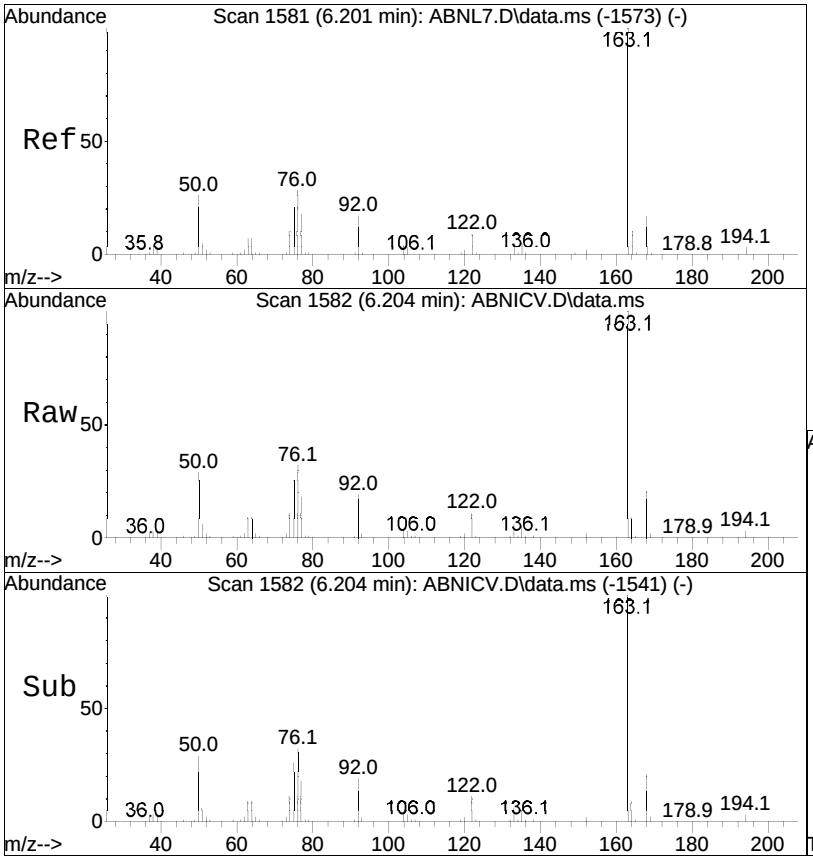


#49
1,4-Dinitrobenzene
Concen: 43.63 ug/ml
RT: 6.136 min Scan# 1560
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:168 Resp: 65576

Ion	Ratio	Lower	Upper
168	100		
75	127.7	120.6	181.0

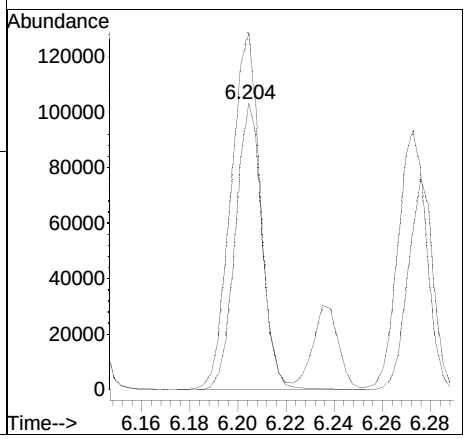


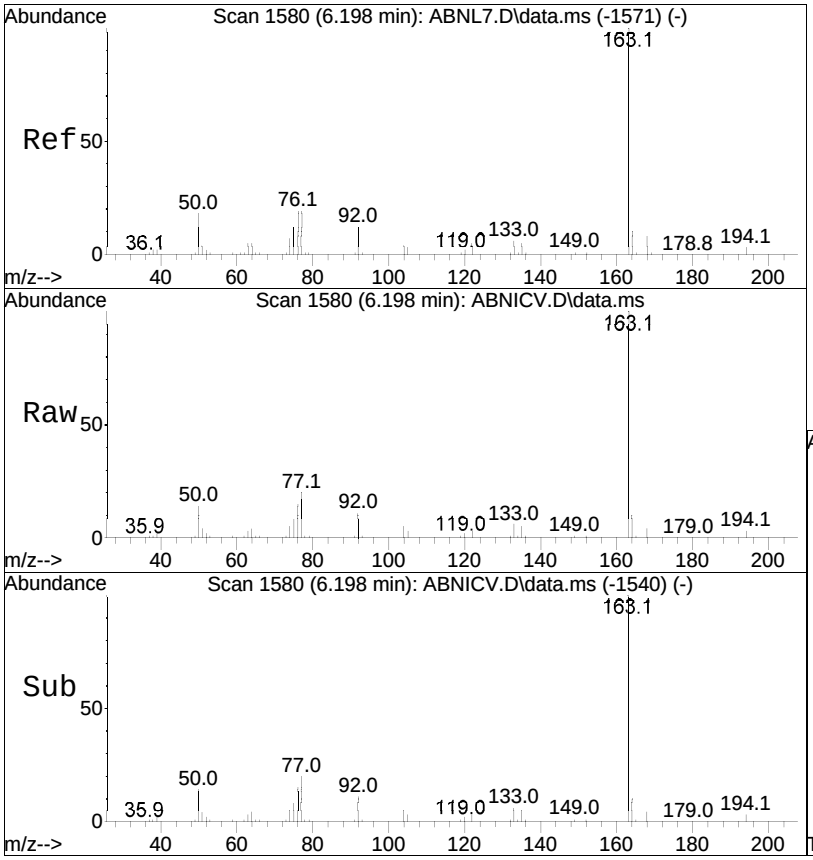


#50
1,3-Dinitrobenzene
Concen: 45.92 ug/ml
RT: 6.204 min Scan# 1582
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:168 Resp: 80132

Ion	Ratio	Lower	Upper
168	100		
75	135.9	126.3	189.5

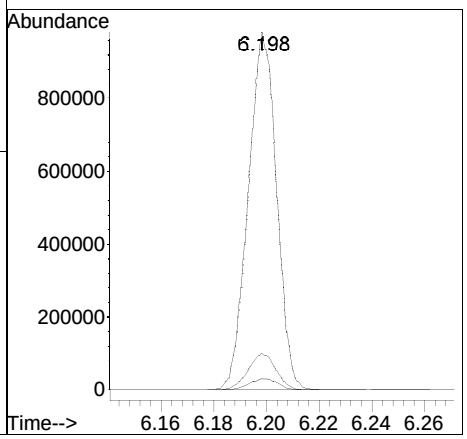


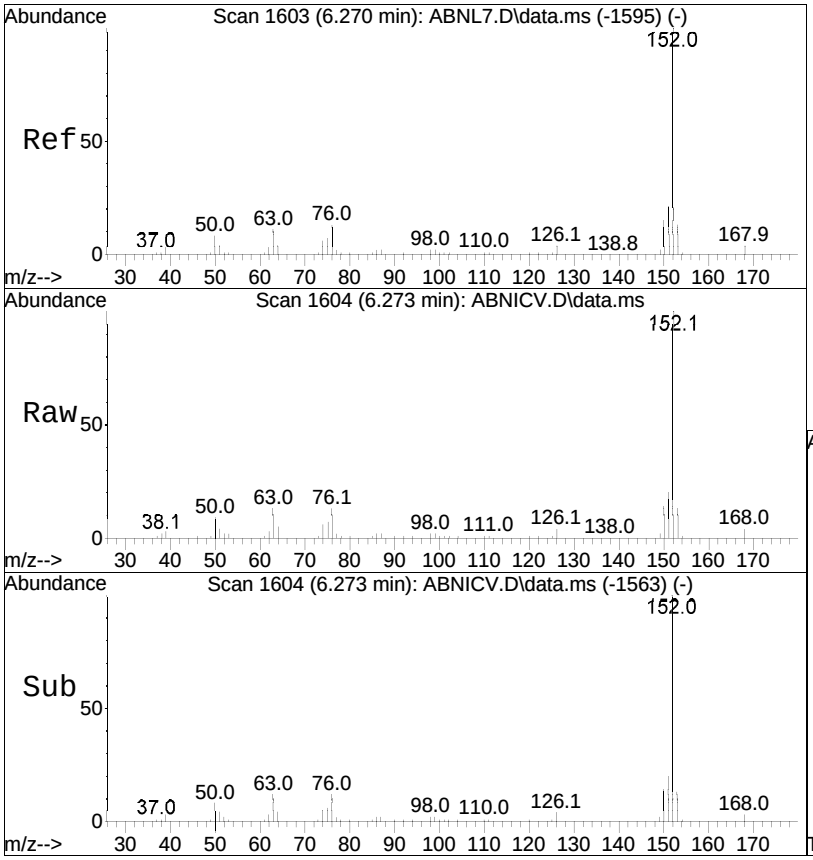


#51
Dimethyl phthalate
Concen: 46.82 ug/ml
RT: 6.198 min Scan# 1580
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:163 Resp: 724190

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.5	5.3#
164	10.1	8.3	12.5

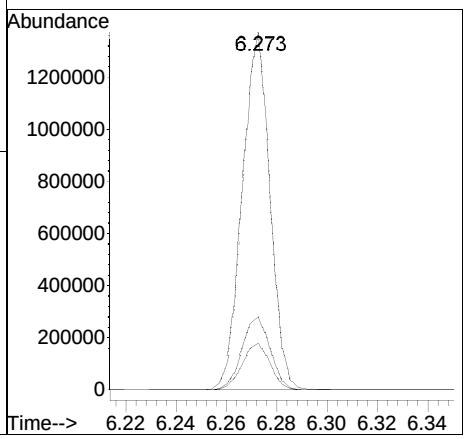


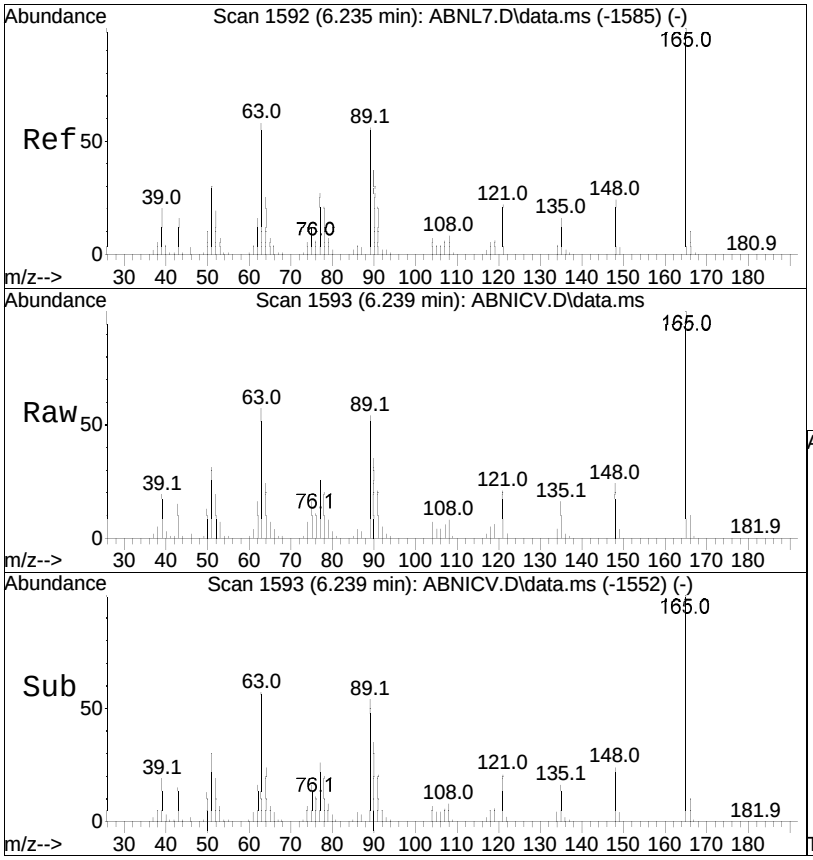


#52
Acenaphthylene
Concen: 48.34 ug/ml
RT: 6.273 min Scan# 1604
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:152 Resp: 1034471

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.7	26.5
153	13.3	10.6	15.8

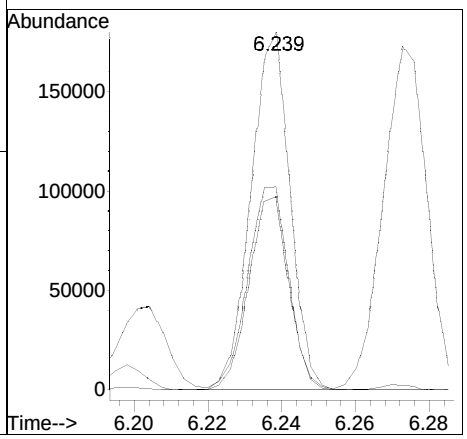


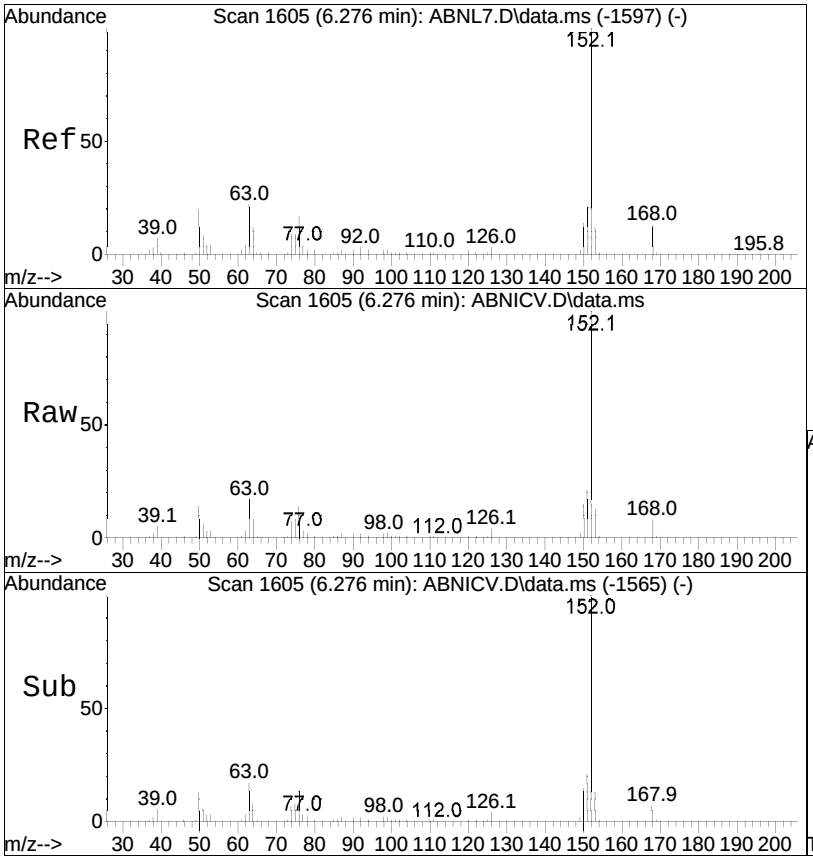


#53
2,6-Dinitrotoluene
Concen: 45.09 ug/ml
RT: 6.239 min Scan# 1593
Delta R.T. 0.004 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:165 Resp: 132515

Ion	Ratio	Lower	Upper
165	100		
89	55.1	56.8	85.2#
63	59.6	50.6	76.0

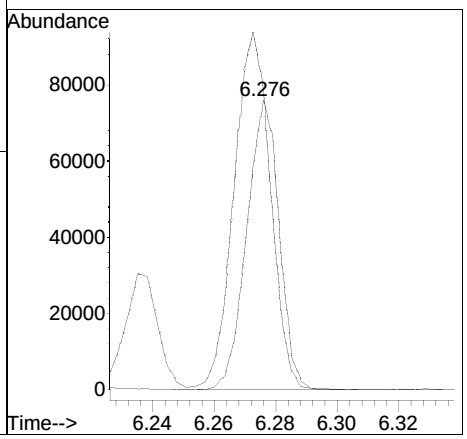


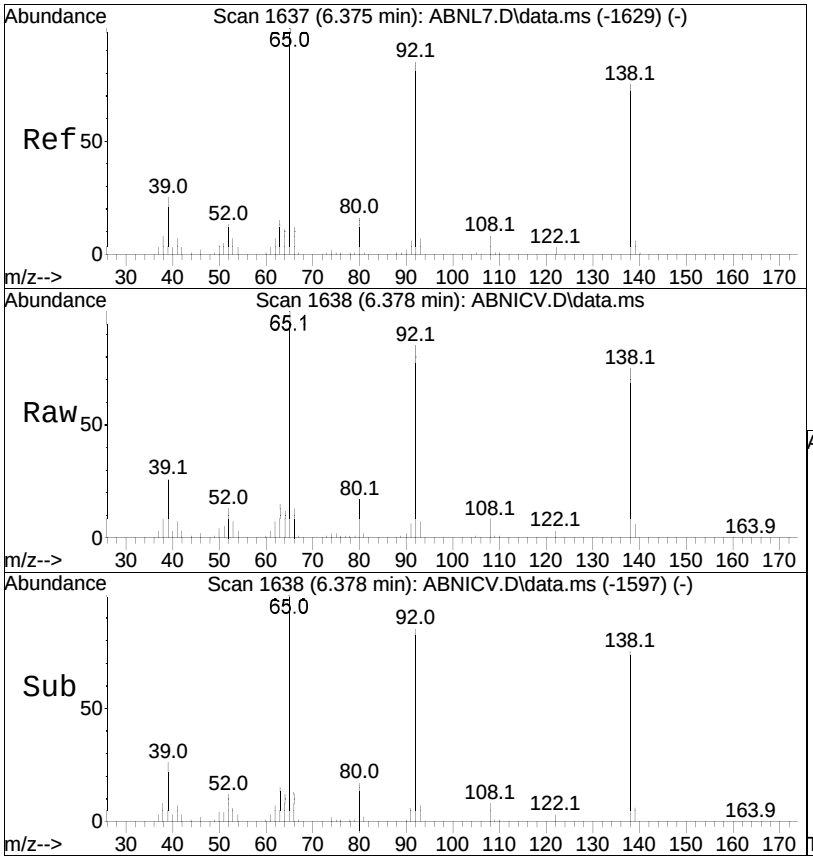


#54
1,2-Dinitrobenzene
Concen: 49.67 ug/ml
RT: 6.276 min Scan# 1605
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:168 Resp: 55422

Ion	Ratio	Lower	Upper
168	100		
75	138.0	106.6	160.0

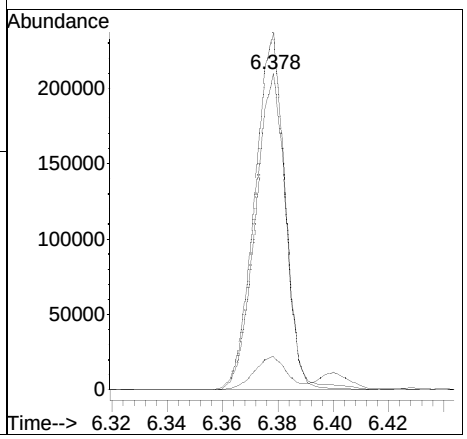


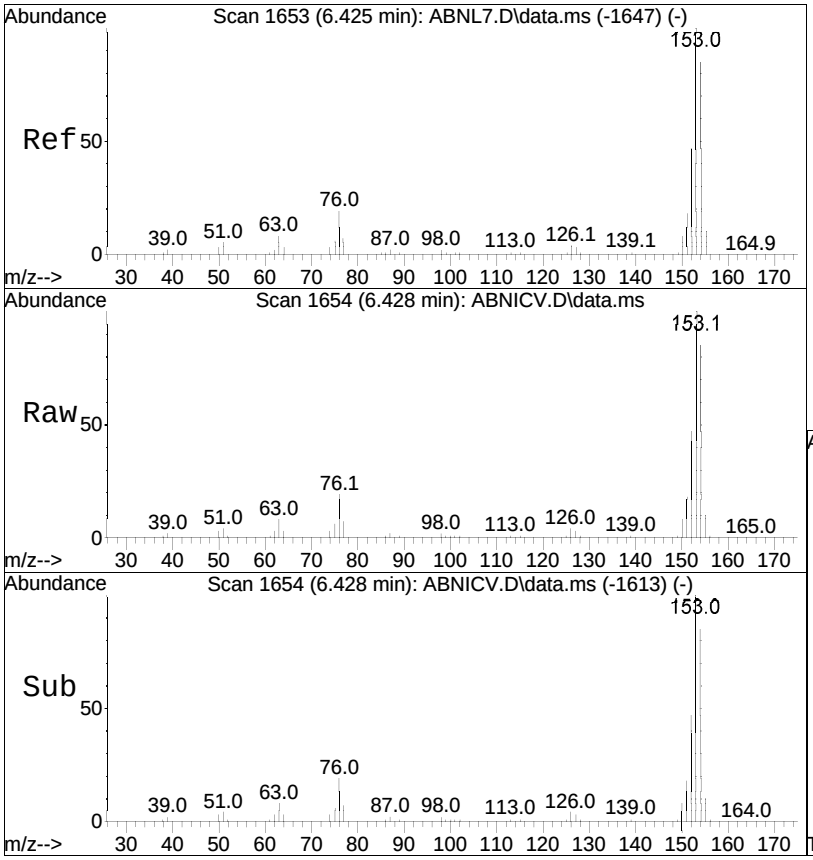


#64
3-Nitroaniline
Concen: 50.86 ug/ml
RT: 6.378 min Scan# 1638
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:138 Resp: 157616

Ion	Ratio	Lower	Upper
138	100		
92	113.8	95.4	143.2
108	11.5	8.1	12.1

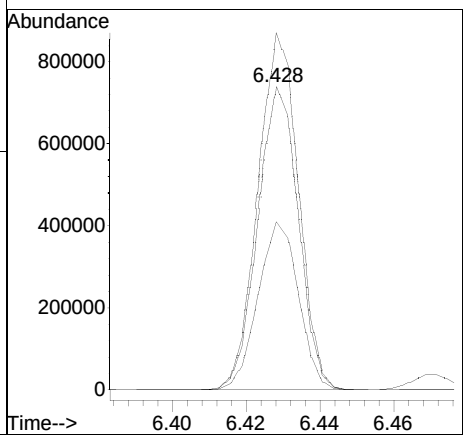


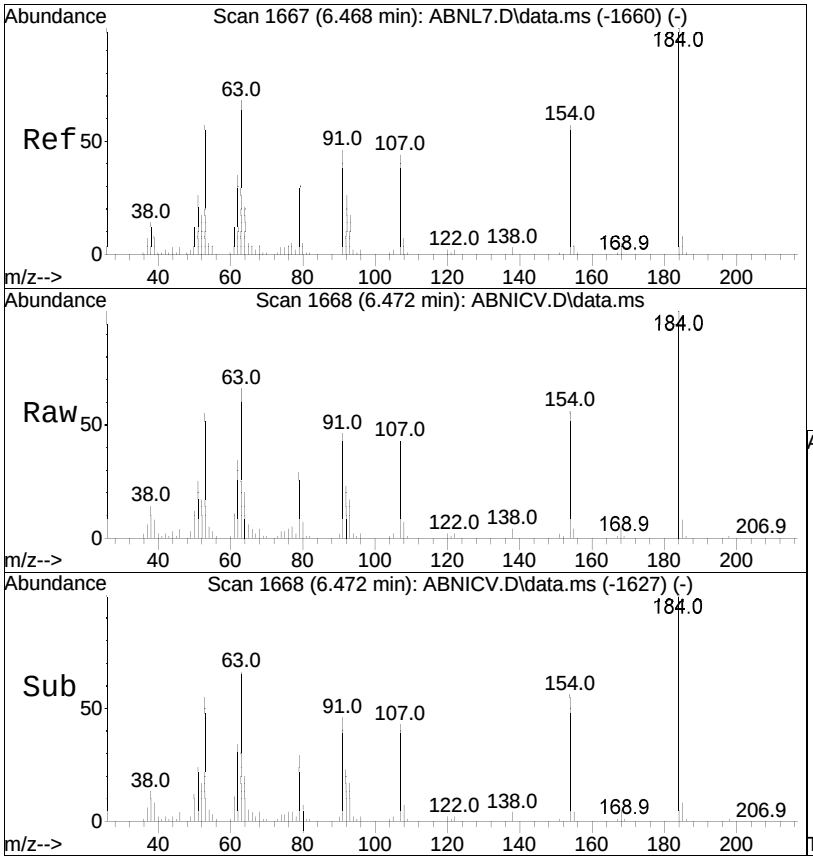


#65
Acenaphthene
Concen: 46.43 ug/ml
RT: 6.428 min Scan# 1654
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:154 Resp: 563029

Ion	Ratio	Lower	Upper
154	100		
153	117.6	89.2	133.8
152	55.5	44.2	66.2

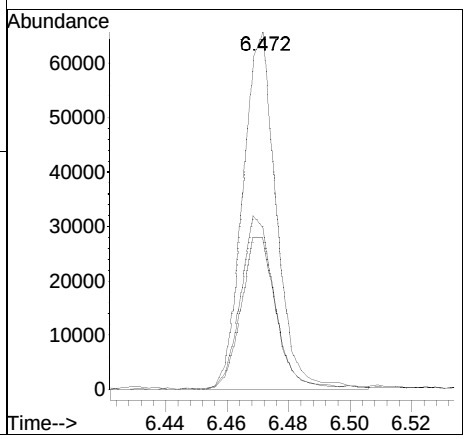


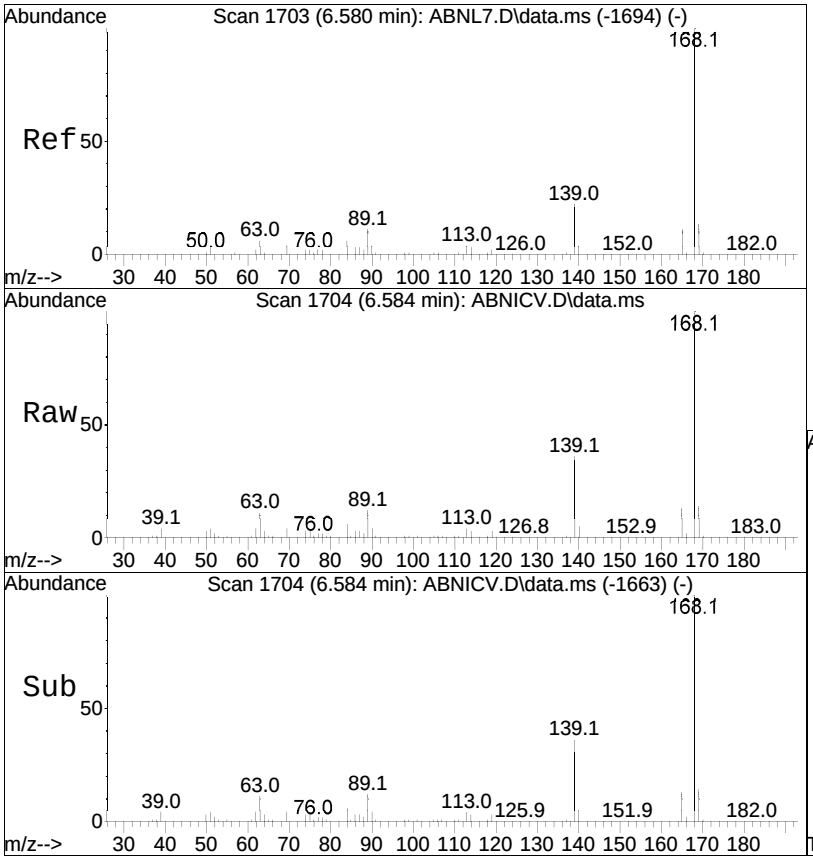


#66
2,4-Dinitrophenol
Concen: 42.34 ug/ml
RT: 6.472 min Scan# 1668
Delta R.T. 0.004 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:184 Resp: 49731

Ion	Ratio	Lower	Upper
184	100		
107	44.2	40.6	61.0
91	49.8	47.3	70.9

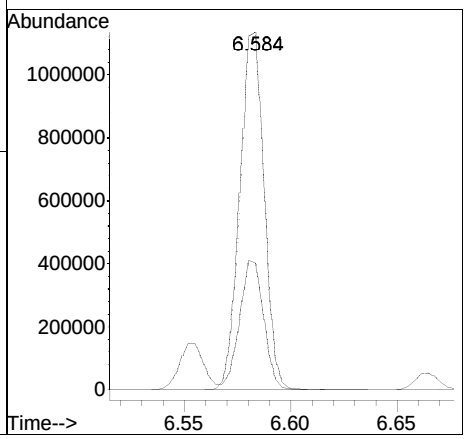


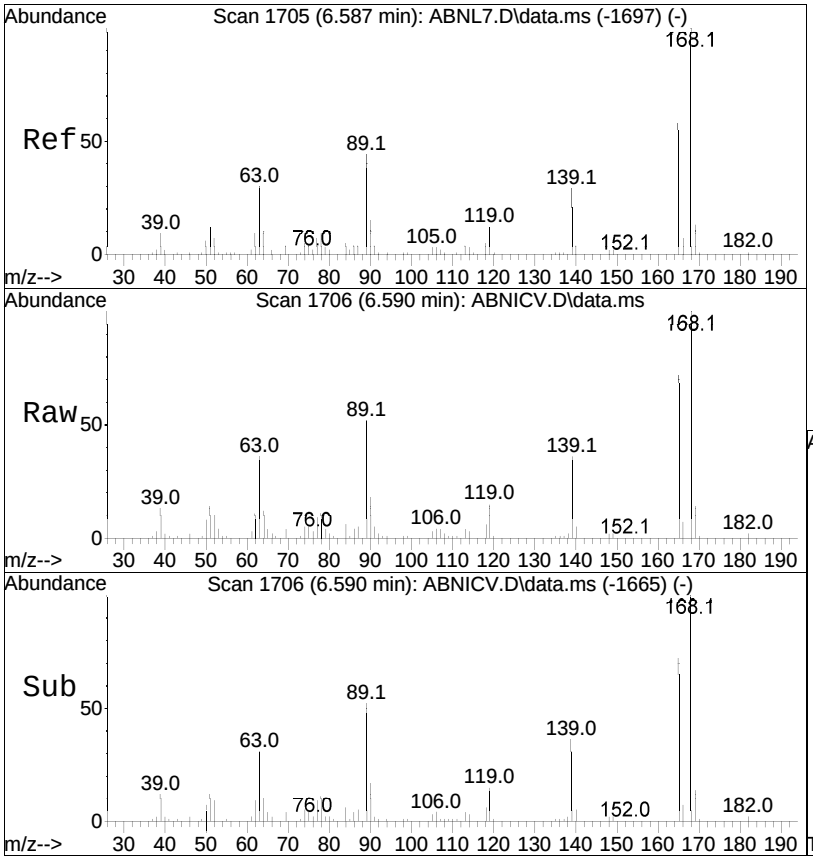


#67
Dibenzofuran
Concen: 46.64 ug/ml
RT: 6.584 min Scan# 1704
Delta R.T. 0.004 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:168 Resp: 892206

Ion	Ratio	Lower	Upper
168	100		
139	36.4	33.3	49.9

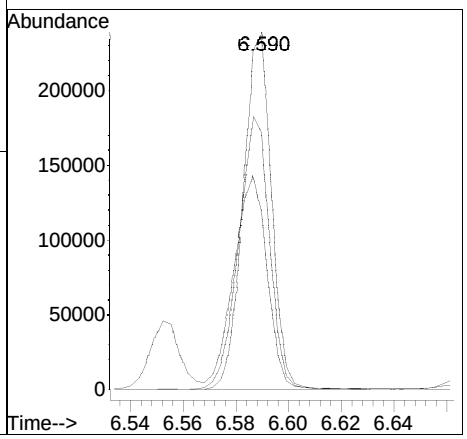


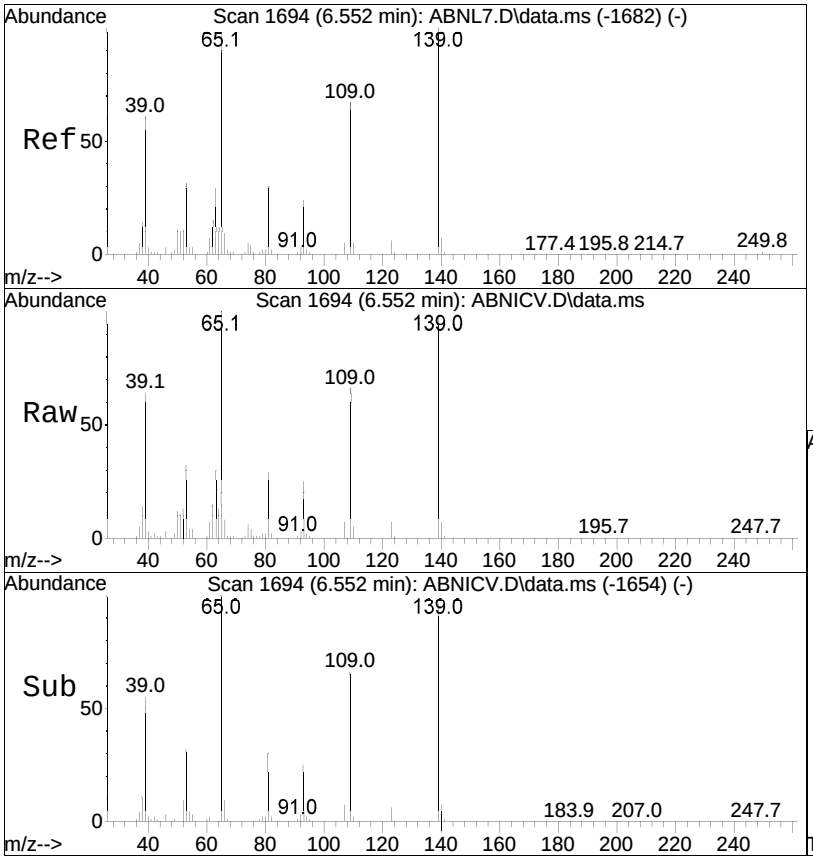


#68
2,4-Dinitrotoluene
Concen: 43.47 ug/ml
RT: 6.590 min Scan# 1706
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:165 Resp: 176962

Ion	Ratio	Lower	Upper
165	100		
89	83.4	82.6	124.0
63	69.9	56.9	85.3

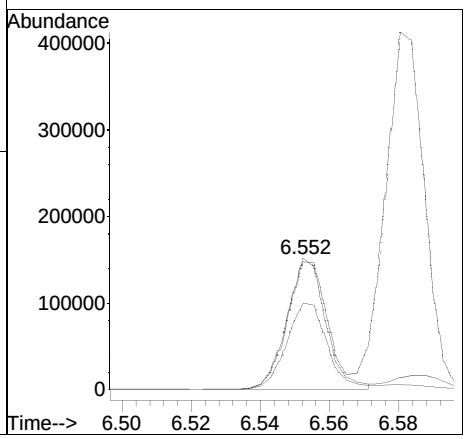


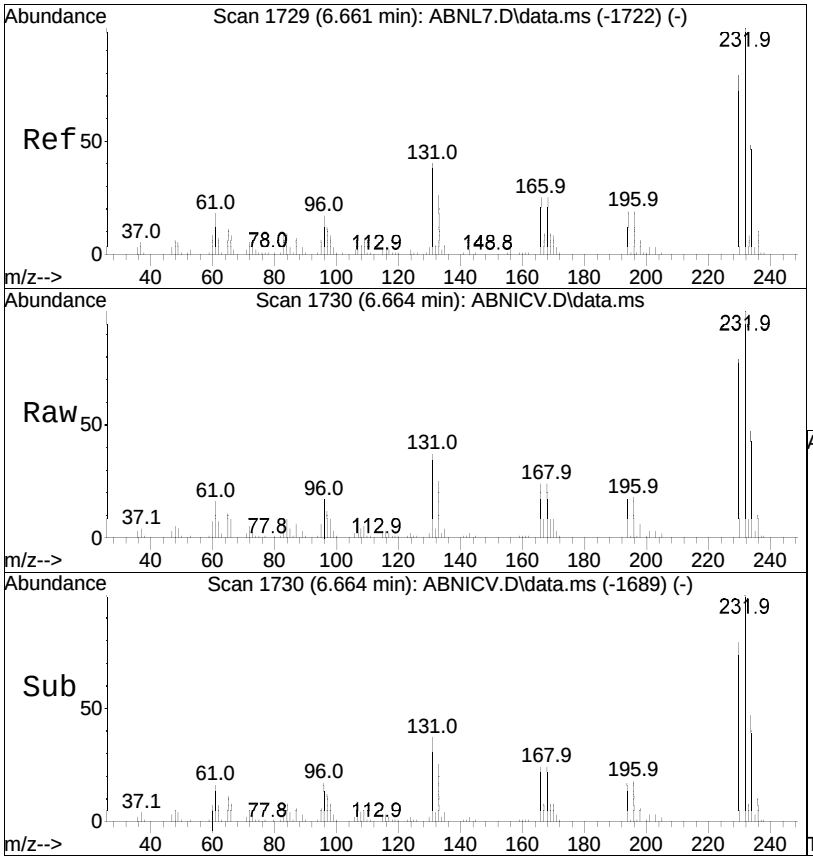


#69
4-Nitrophenol
Concen: 44.58 ug/ml
RT: 6.552 min Scan# 1694
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion: 65 Resp: 118211

Ion	Ratio	Lower	Upper
65	100		
109	69.3	60.7	91.1
139	99.6	90.3	135.5

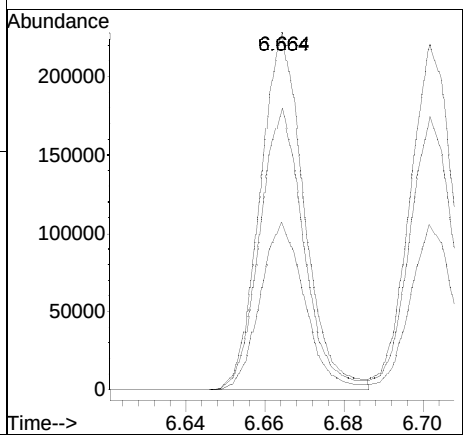


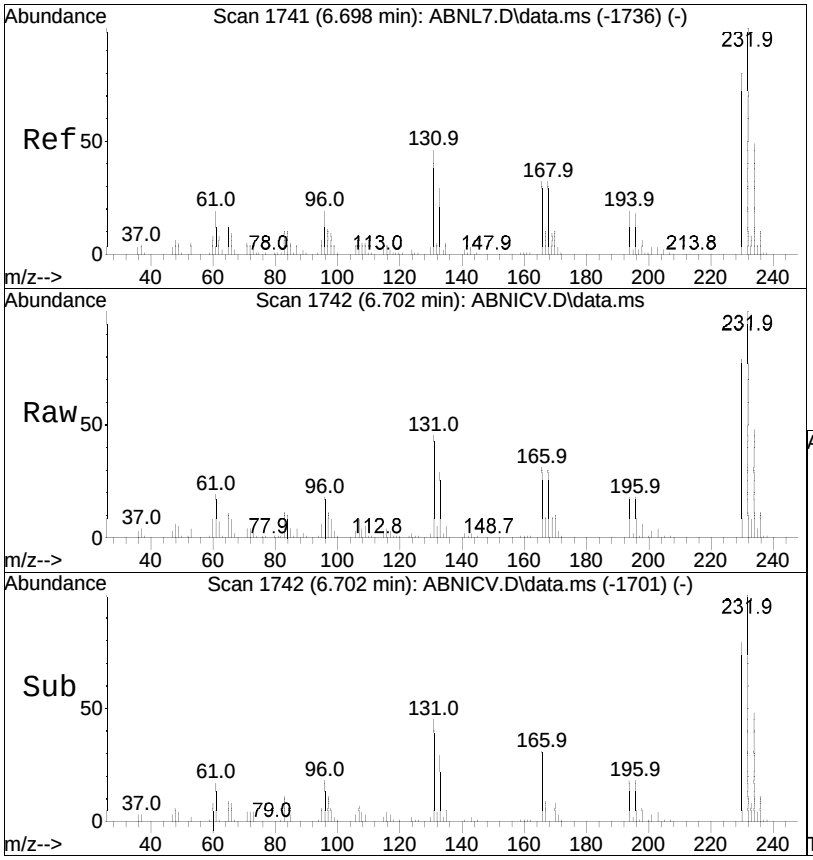


#70
2,3,5,6-Tetrachlorophenol
Concen: 53.24 ug/ml
RT: 6.664 min Scan# 1730
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:232 Resp: 176208

Ion	Ratio	Lower	Upper
232	100		
230	79.2	64.1	96.1
234	47.7	38.2	57.2

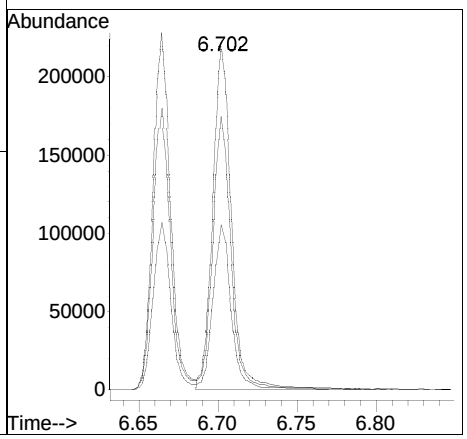


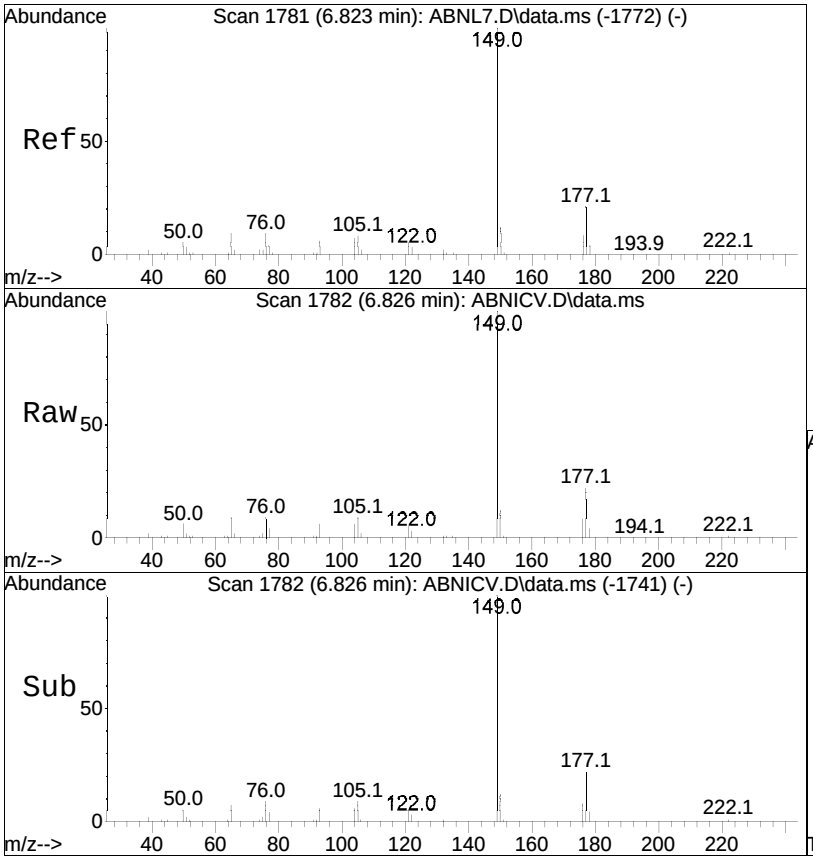


#71
2,3,4,6-Tetrachlorophenol
Concen: 51.47 ug/ml
RT: 6.702 min Scan# 1742
Delta R.T. 0.004 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:232 Resp: 181510

Ion	Ratio	Lower	Upper
232	100		
230	77.4	61.6	92.4
234	46.6	39.0	58.6

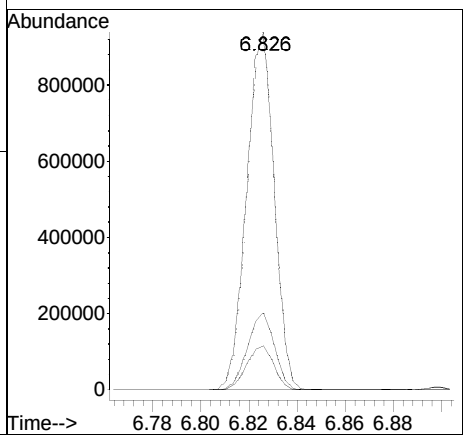


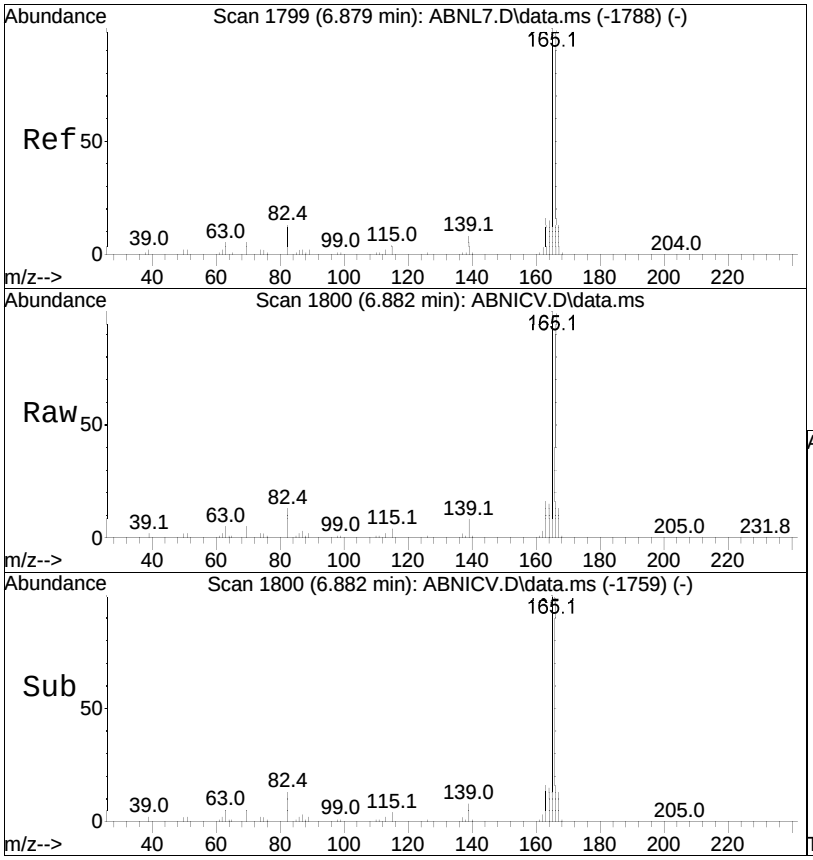


#72
Diethyl phthalate
Concen: 47.57 ug/ml
RT: 6.826 min Scan# 1782
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:149 Resp: 736392

Ion	Ratio	Lower	Upper
149	100		
177	21.1	14.7	22.1
150	12.2	9.4	14.0

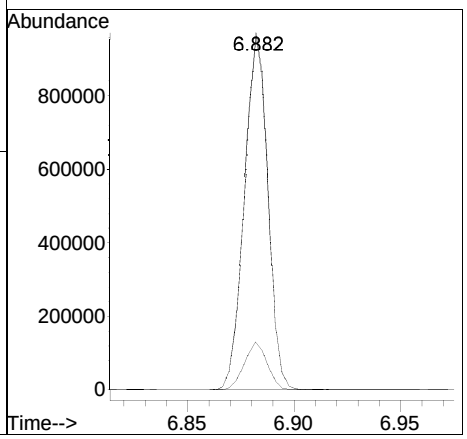


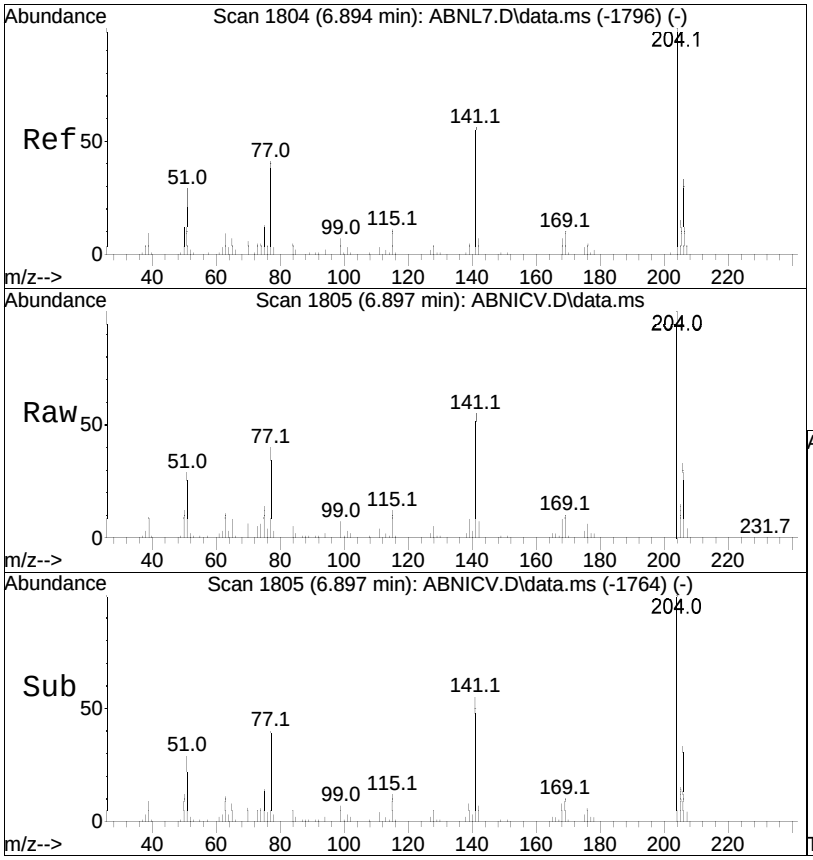


#73
Fluorene
Concen: 47.72 ug/ml
RT: 6.882 min Scan# 1800
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:166 Resp: 735077

Ion	Ratio	Lower	Upper
166	100		
165	101.9	76.7	115.1
167	13.5	11.0	16.4

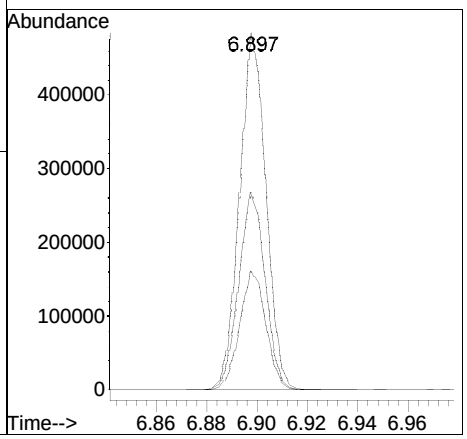


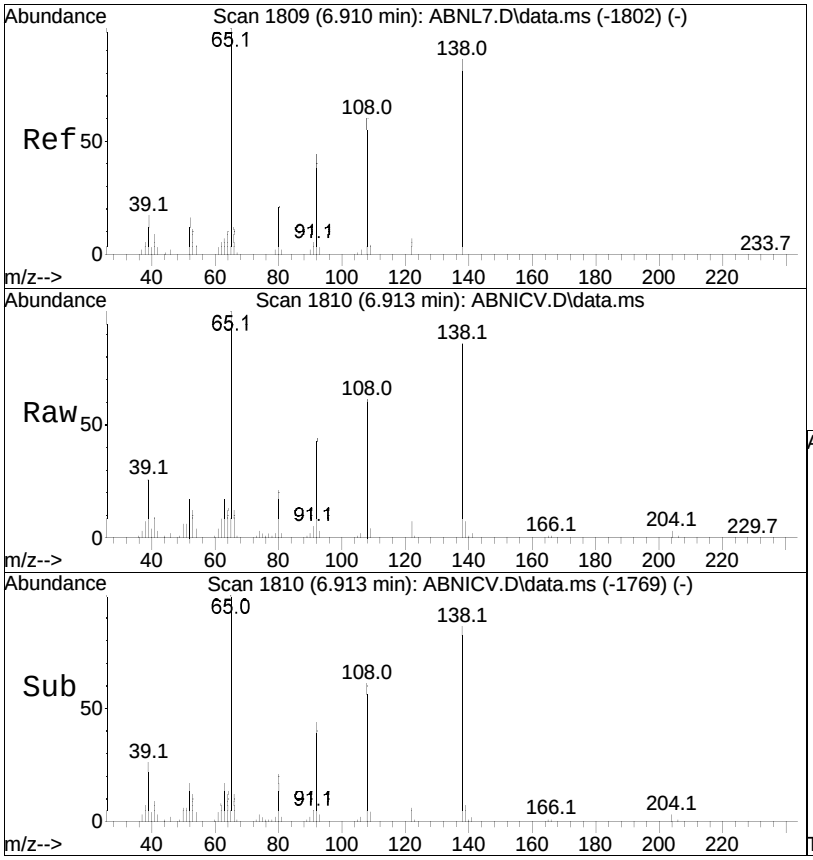


#74
4-Chlorophenyl phenyl ether
Concen: 46.00 ug/ml
RT: 6.897 min Scan# 1805
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:204 Resp: 349895

Ion	Ratio	Lower	Upper
204	100		
206	33.3	25.8	38.6
141	55.7	56.2	84.4#

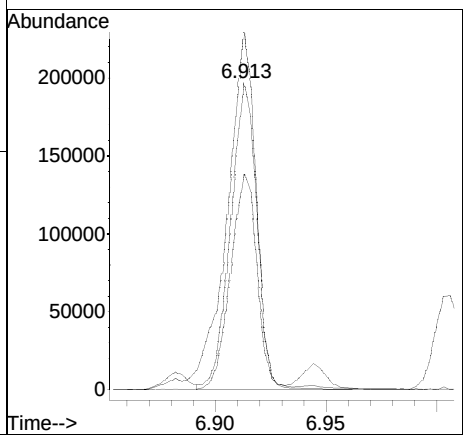


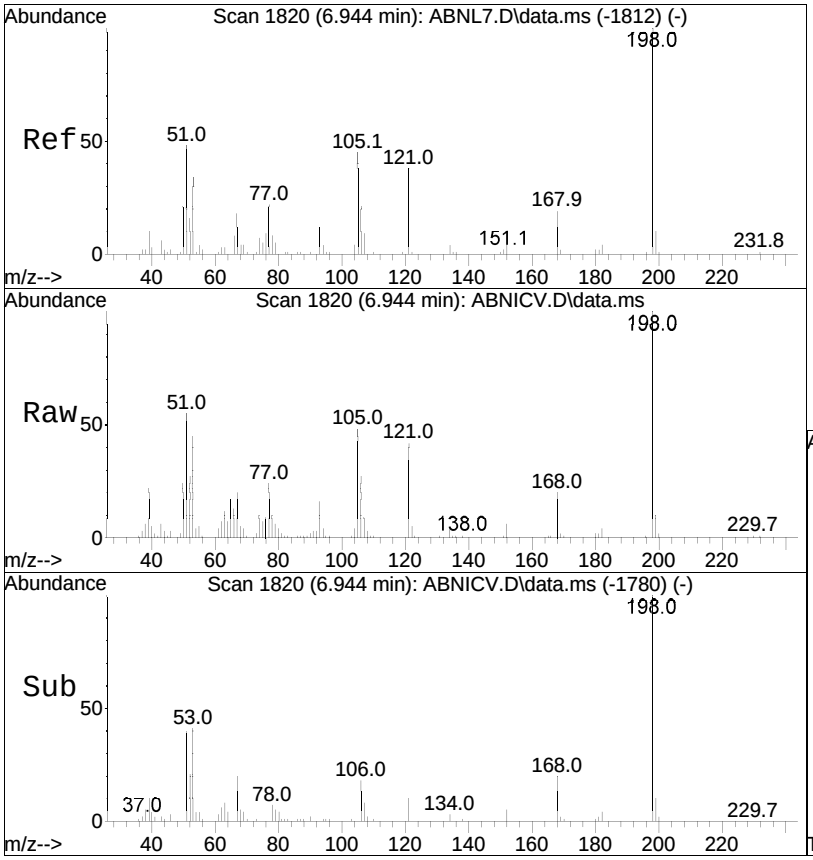


#75
4-Nitroaniline
Concen: 50.92 ug/ml
RT: 6.913 min Scan# 1810
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:138 Resp: 161942

Ion	Ratio	Lower	Upper
138	100		
108	70.7	54.2	81.4
65	129.6	88.2	132.4

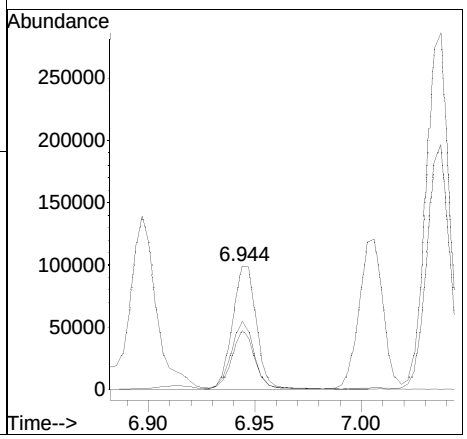


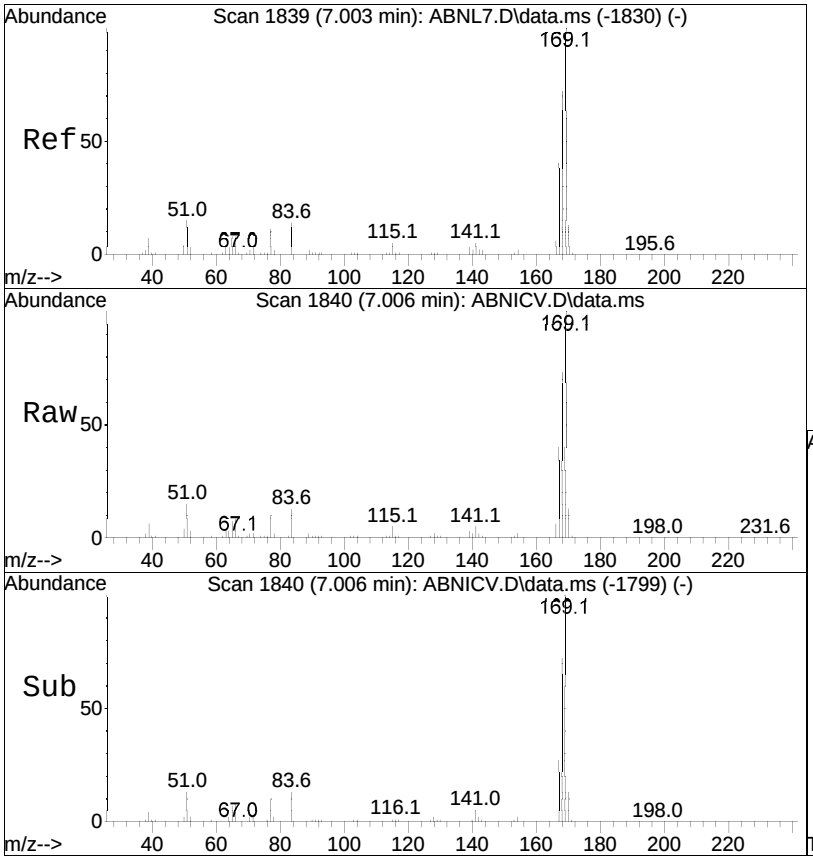


#76
4,6-Dinitro-o-cresol
Concen: 41.89 ug/ml
RT: 6.944 min Scan# 1820
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:198 Resp: 78427

Ion	Ratio	Lower	Upper
198	100		
51	51.8	41.0	61.4
105	45.1	49.0	73.4#

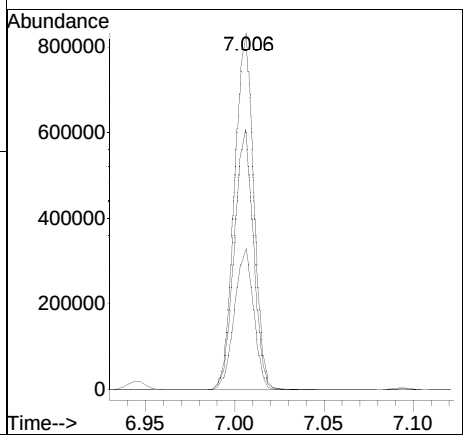


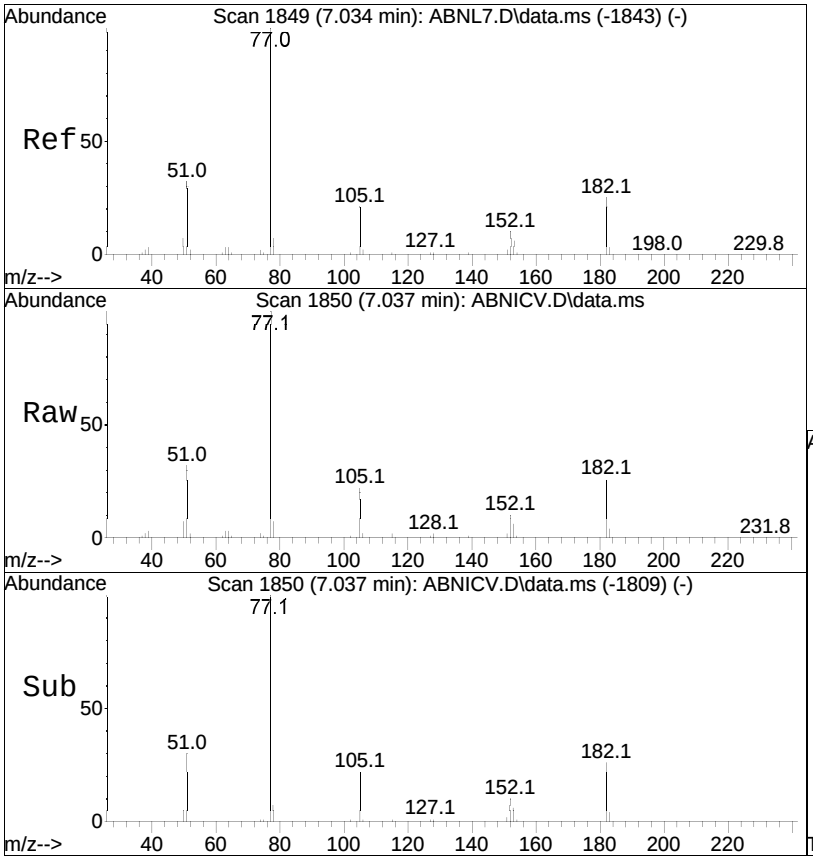


#77
NDPA/DPA
Concen: 46.87 ug/ml
RT: 7.006 min Scan# 1840
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:169 Resp: 625748

Ion	Ratio	Lower	Upper
169	100		
168	72.6	58.2	87.4
167	39.8	31.7	47.5

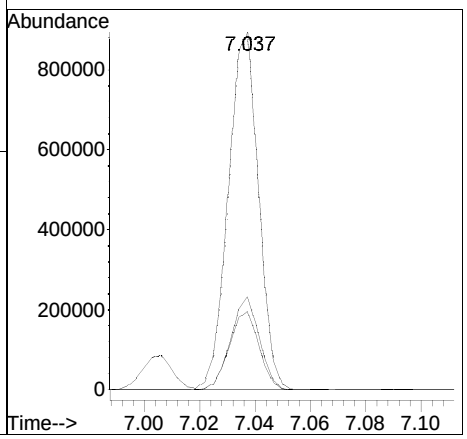


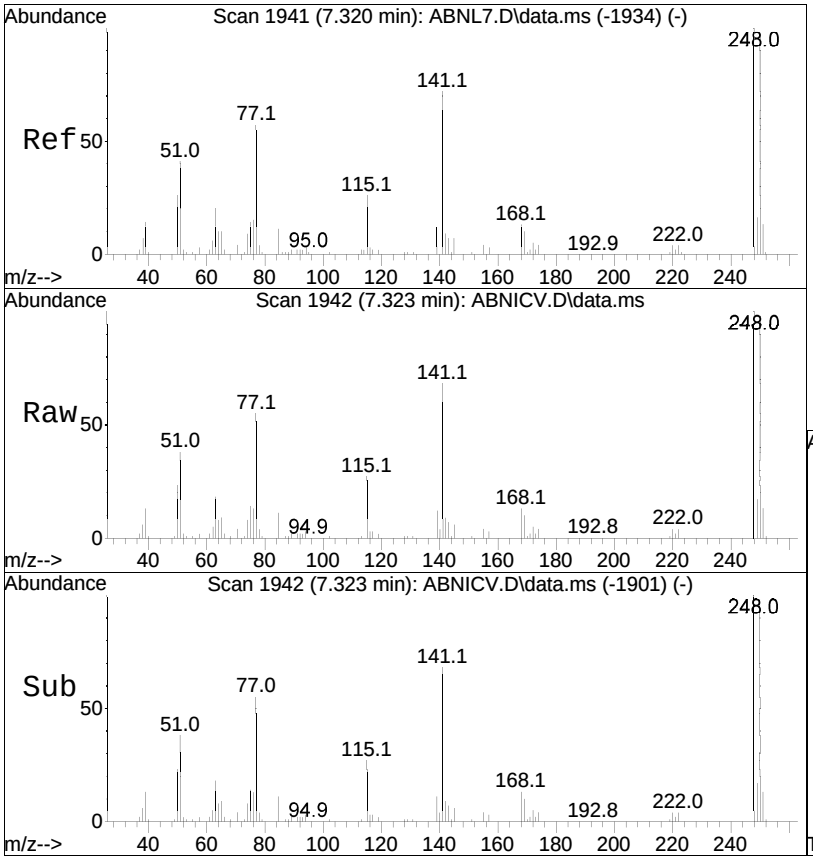


#78
Azobenzene
Concen: 46.77 ug/ml
RT: 7.037 min Scan# 1850
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion: 77 Resp: 670007

Ion	Ratio	Lower	Upper
77	100		
182	25.0	14.9	22.3#
105	21.8	12.8	19.2#

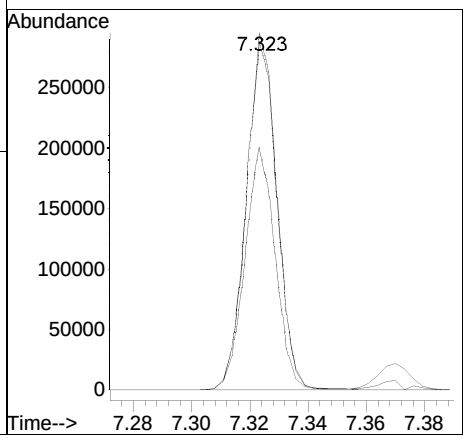


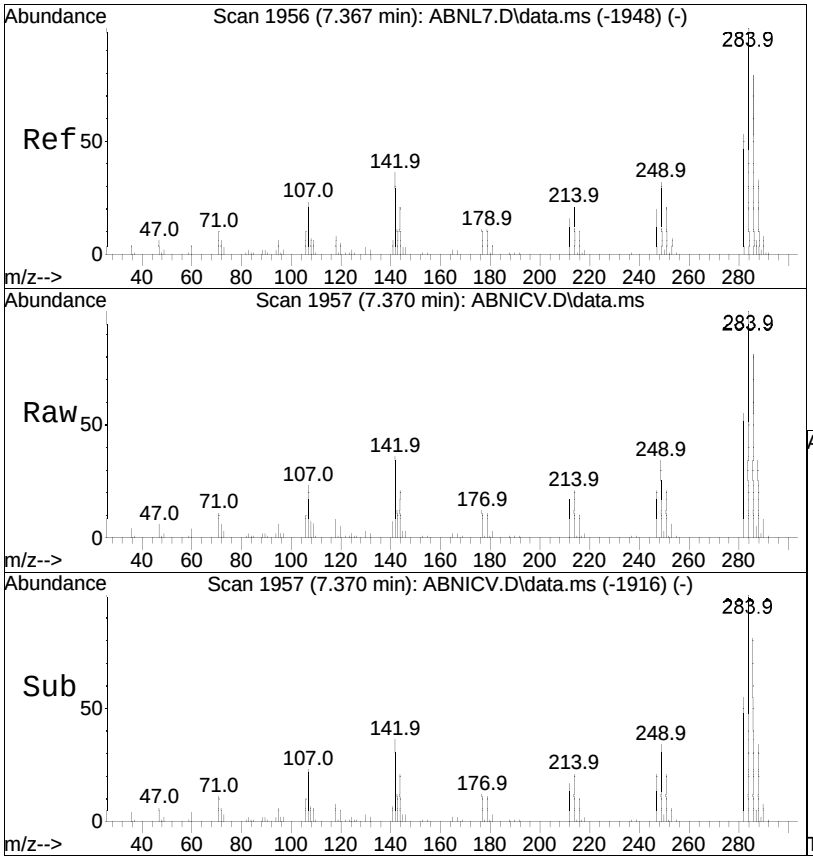


#80
4-Bromophenyl phenyl ether
Concen: 46.87 ug/ml
RT: 7.323 min Scan# 1942
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:248 Resp: 214866

Ion	Ratio	Lower	Upper
248	100		
141	67.5	68.2	102.4#
250	97.7	76.5	114.7

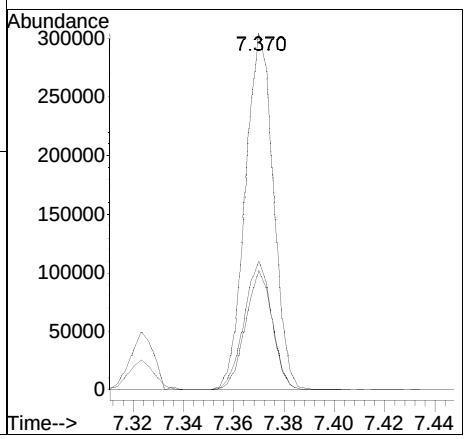


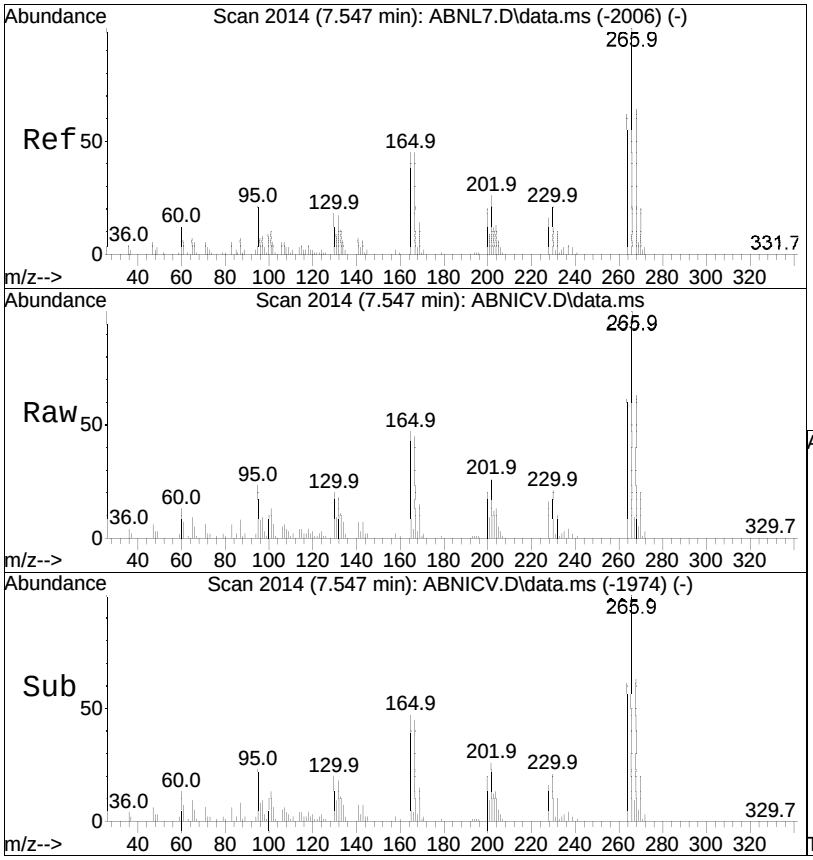


#81
Hexachlorobenzene
Concen: 45.52 ug/ml
RT: 7.370 min Scan# 1957
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:284 Resp: 236627

Ion	Ratio	Lower	Upper
284	100		
142	35.7	38.1	57.1#
249	32.5	20.7	31.1#

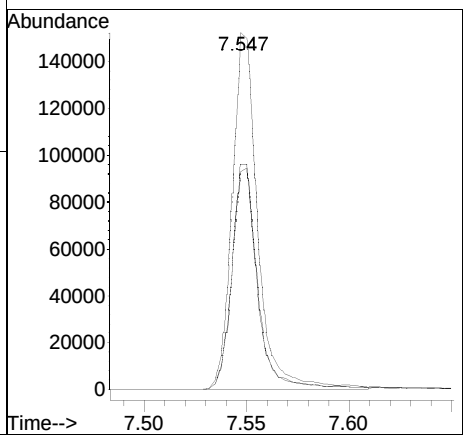


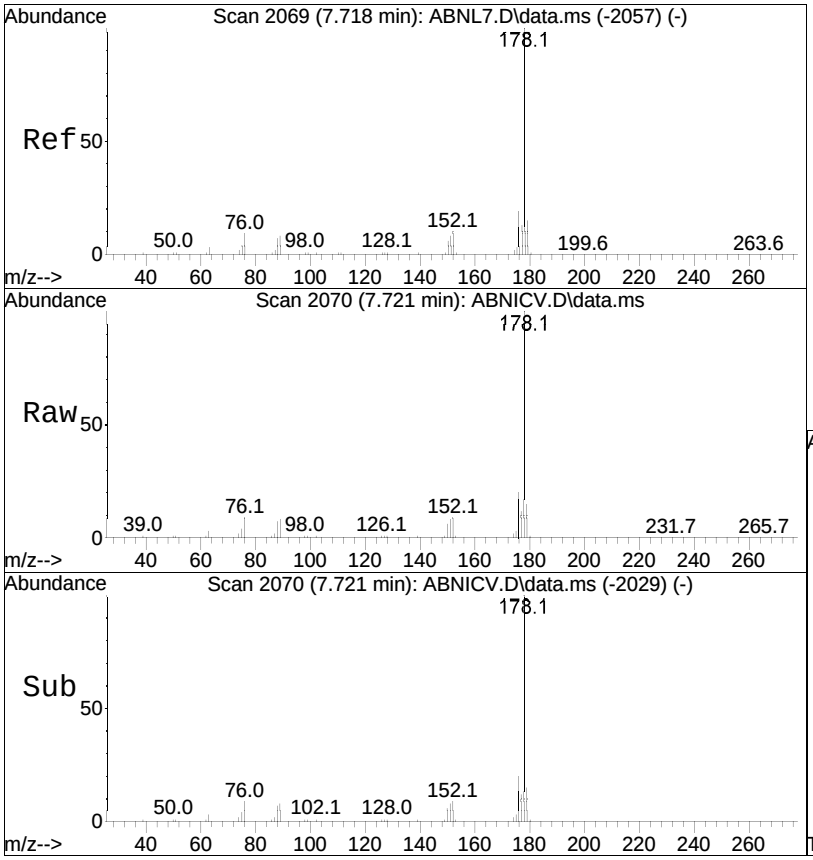


#82
Pentachlorophenol
Concen: 42.26 ug/ml
RT: 7.547 min Scan# 2014
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:266 Resp: 131982

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.4	74.2
268	63.0	51.1	76.7

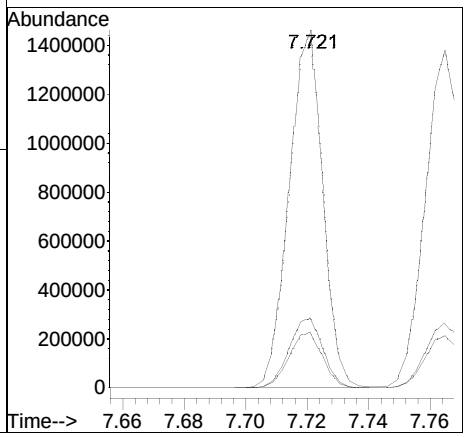


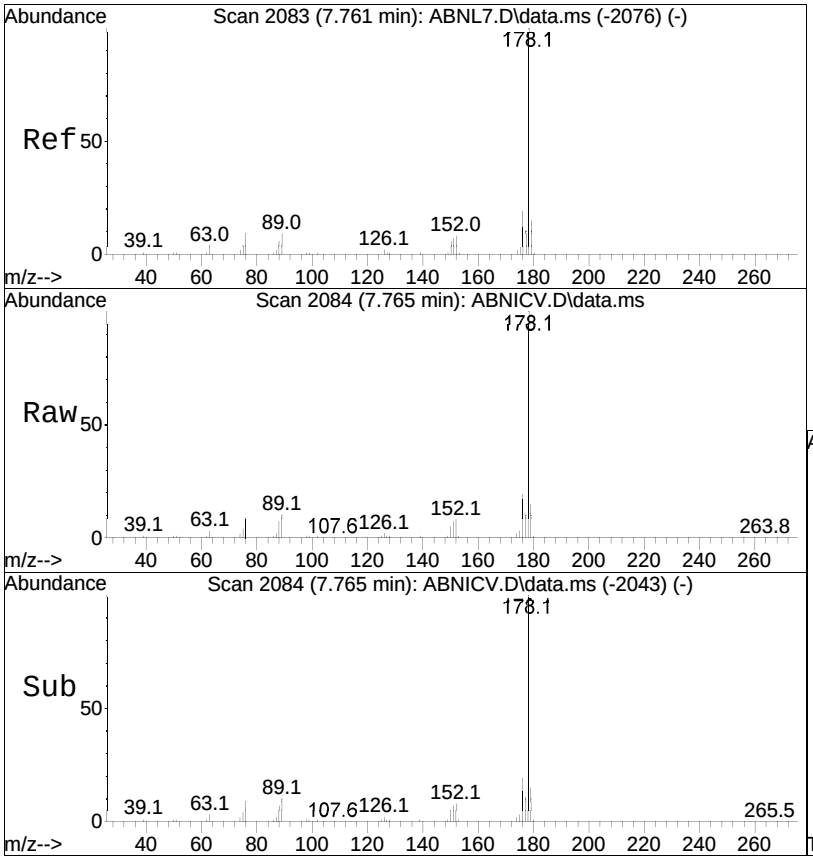


#89
Phenanthrene
Concen: 46.78 ug/ml M3
RT: 7.721 min Scan# 2070
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:178 Resp: 1109513

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.9	19.3
176	19.1	16.7	25.1

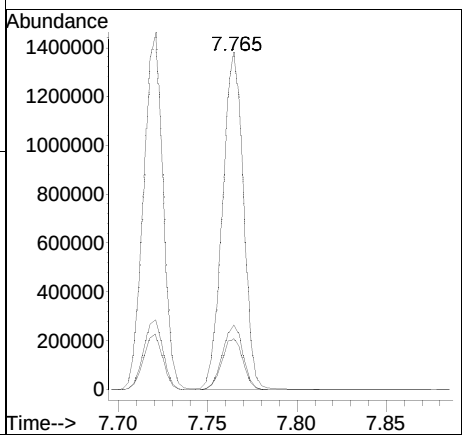


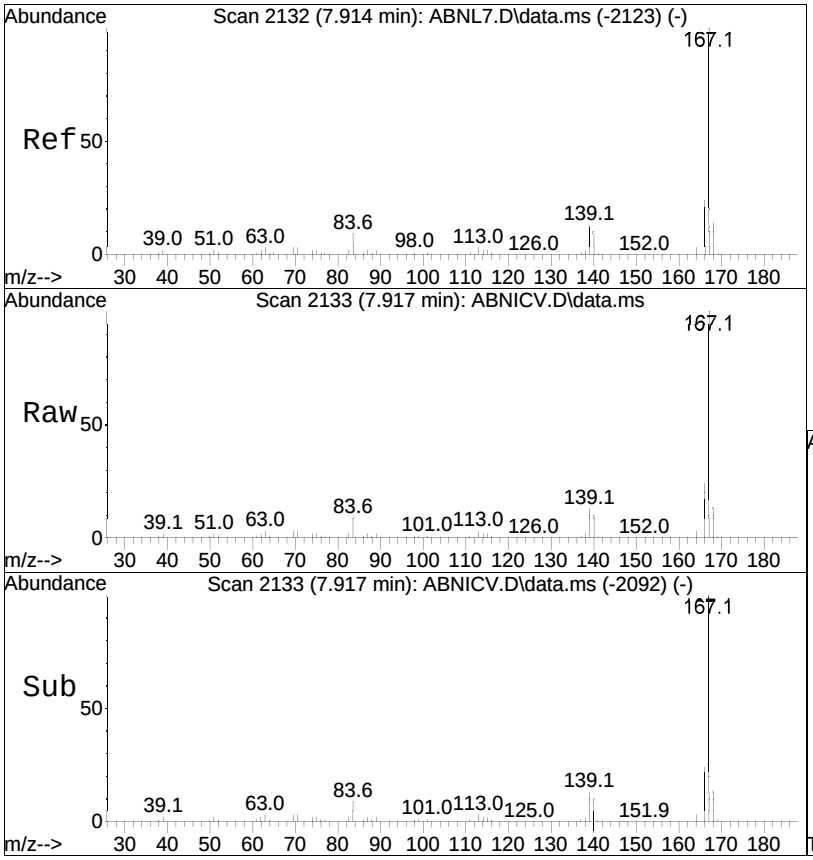


#90
Anthracene
Concen: 47.59 ug/ml
RT: 7.765 min Scan# 2084
Delta R.T. 0.004 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:178 Resp: 1126209

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.7	19.1
176	18.8	16.6	24.8

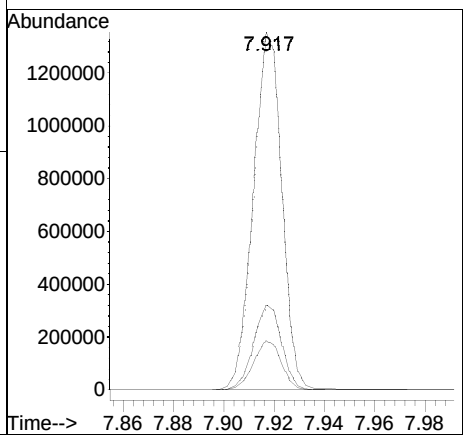


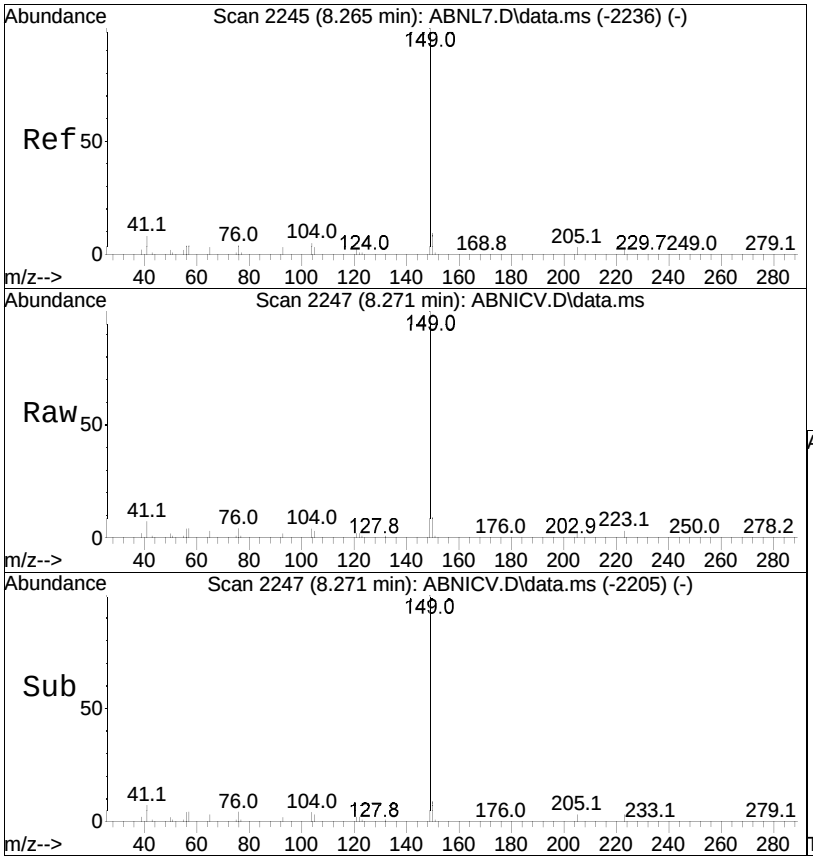


#91
Carbazole
Concen: 47.13 ug/ml
RT: 7.917 min Scan# 2133
Delta R.T. 0.003 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:167 Resp: 1056049

Ion	Ratio	Lower	Upper
167	100		
168	13.7	11.3	16.9
166	23.6	18.9	28.3

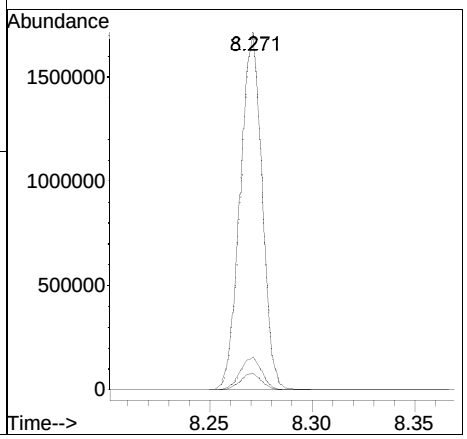


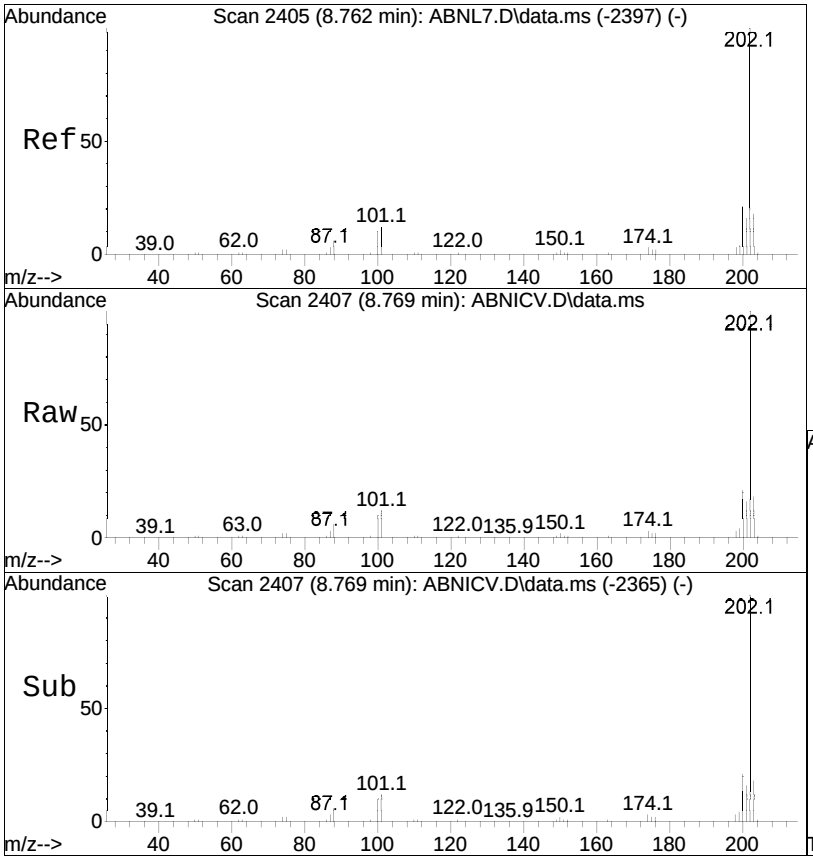


#92
Di-n-butylphthalate
Concen: 51.55 ug/ml
RT: 8.271 min Scan# 2247
Delta R.T. 0.006 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:149 Resp: 1252238

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.8	11.6
104	4.6	4.8	7.2#

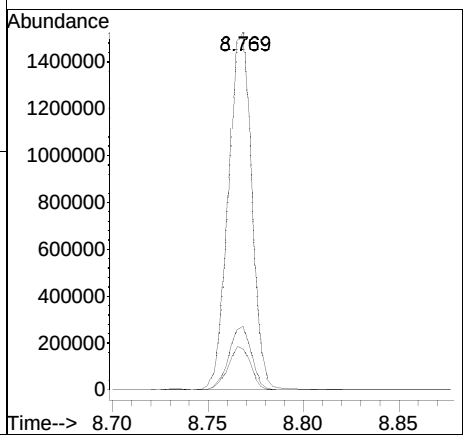


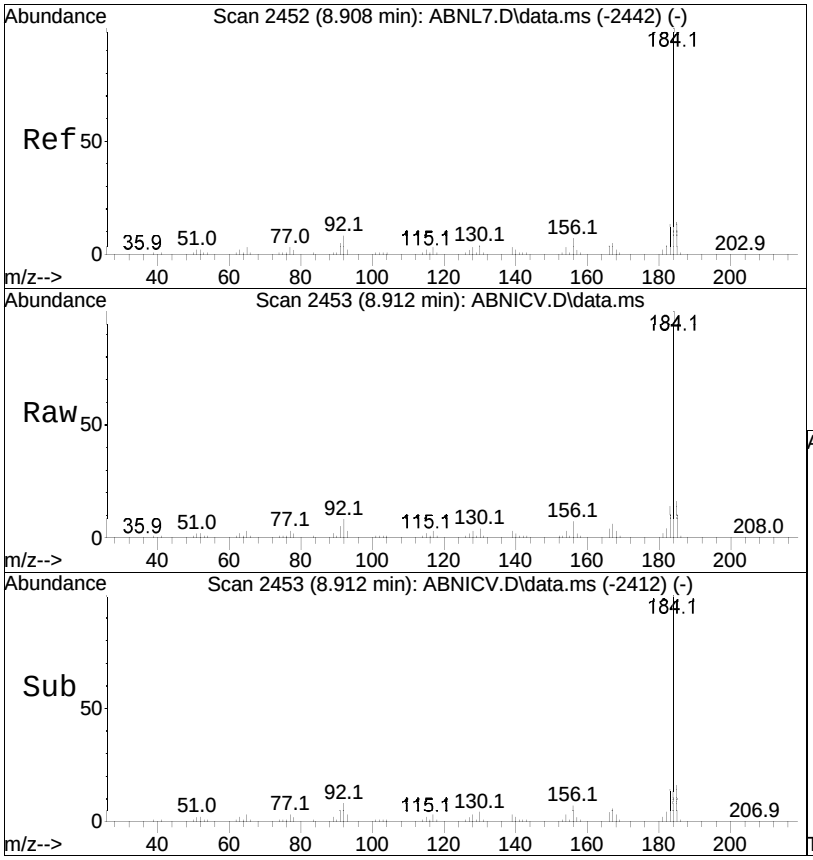


#93
Fluoranthene
Concen: 47.42 ug/ml
RT: 8.769 min Scan# 2407
Delta R.T. 0.007 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:202 Resp: 1290933

Ion	Ratio	Lower	Upper
202	100		
101	11.9	18.6	28.0#
203	17.4	14.2	21.2

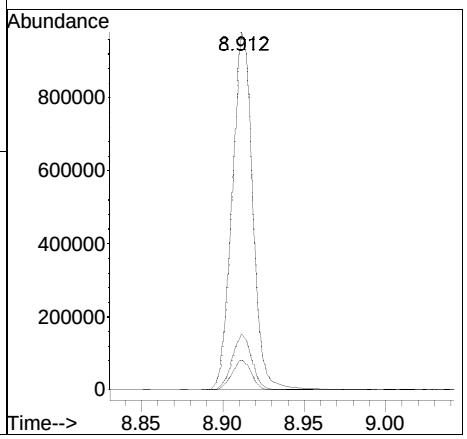


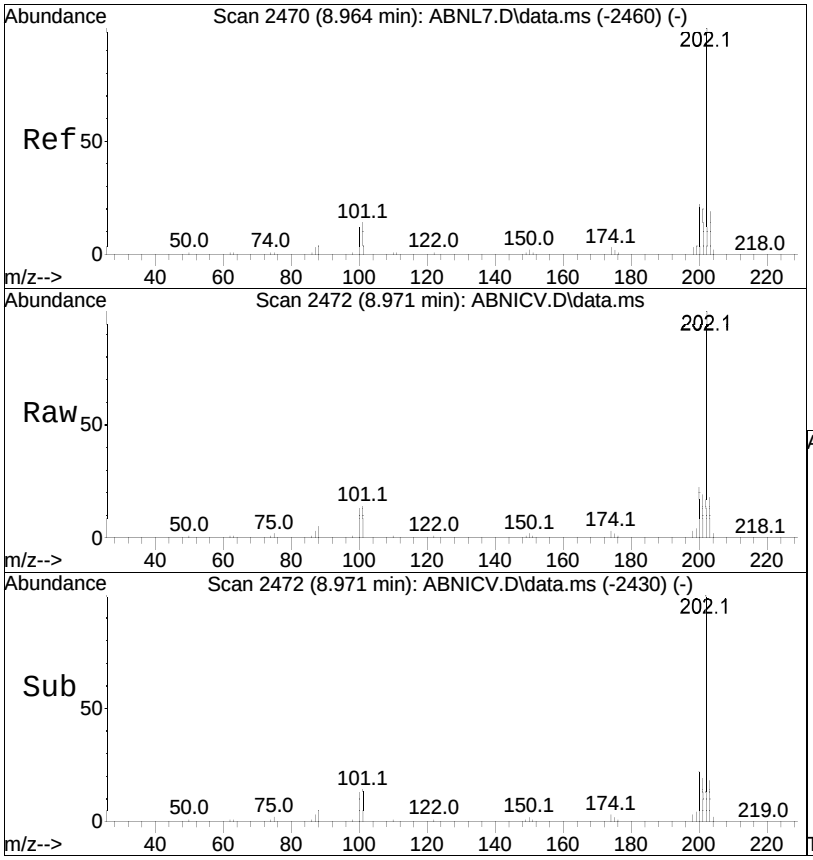


#94
Benzidine
Concen: 54.92 ug/ml
RT: 8.912 min Scan# 2453
Delta R.T. 0.004 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:184 Resp: 853939

Ion	Ratio	Lower	Upper
184	100		
92	8.1	11.7	17.5#
185	15.2	12.8	19.2

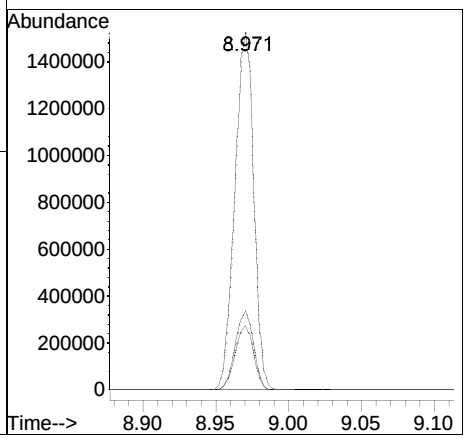


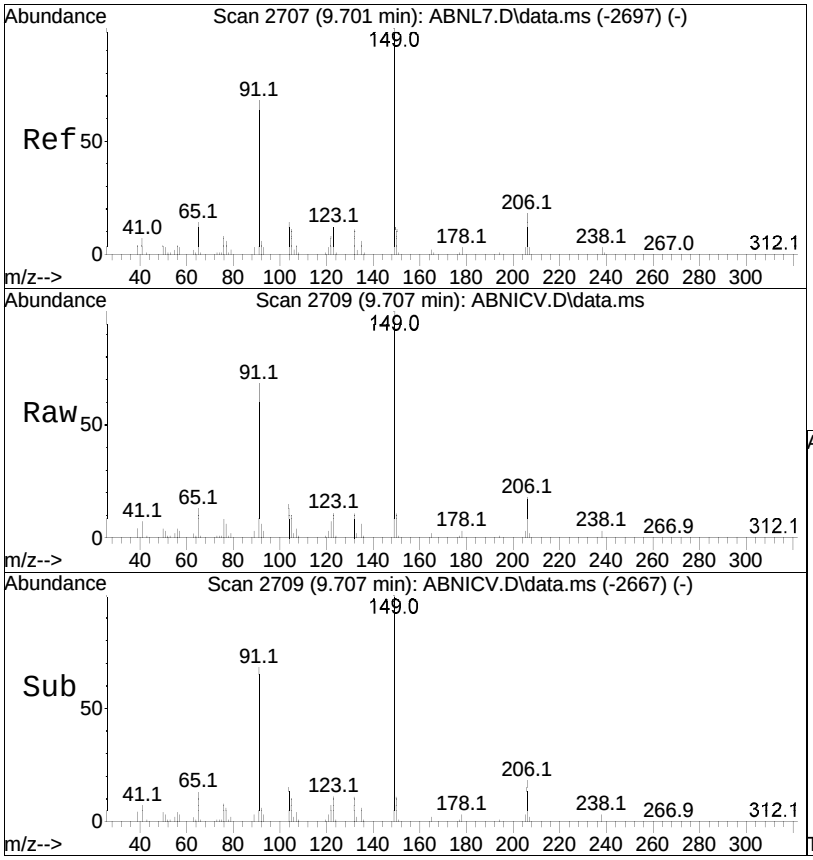


#95
Pyrene
Concen: 47.90 ug/ml
RT: 8.971 min Scan# 2472
Delta R.T. 0.007 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:202 Resp: 1365116

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.8	26.8
203	17.7	14.7	22.1

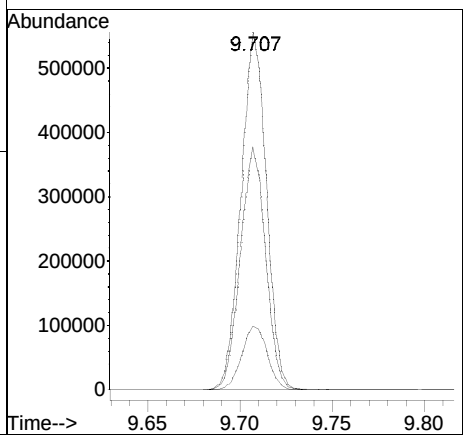


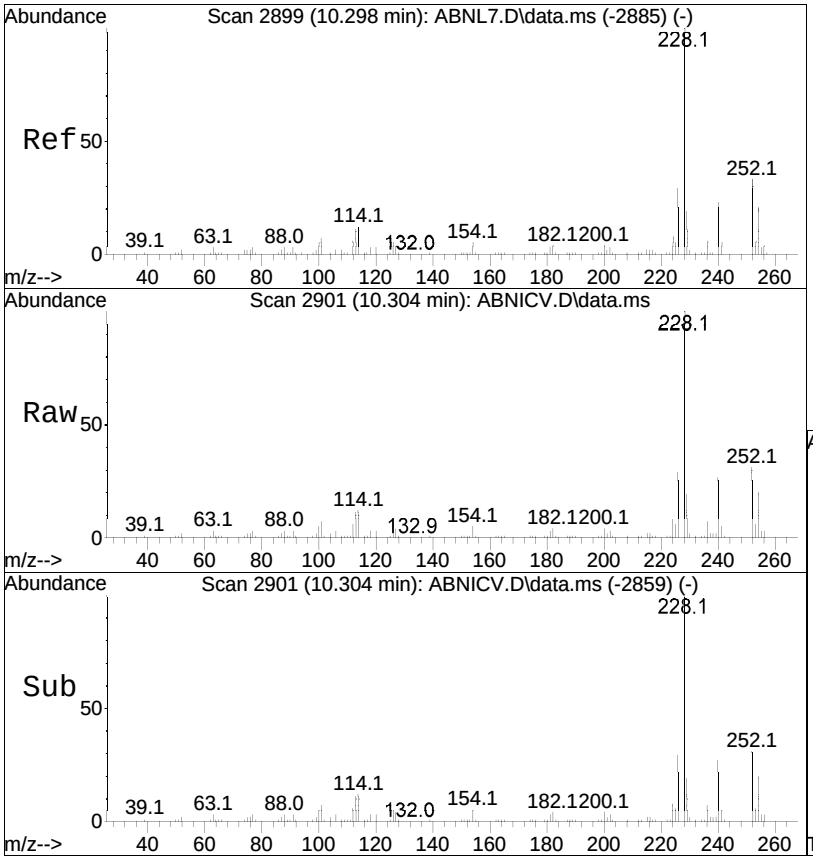


#97
Butyl benzyl phthalate
Concen: 48.97 ug/ml
RT: 9.707 min Scan# 2709
Delta R.T. 0.006 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:149 Resp: 523636

Ion	Ratio	Lower	Upper
149	100		
91	67.9	69.0	103.6#
206	18.1	11.8	17.8#

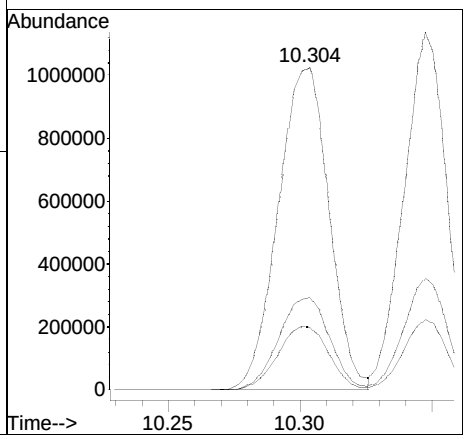


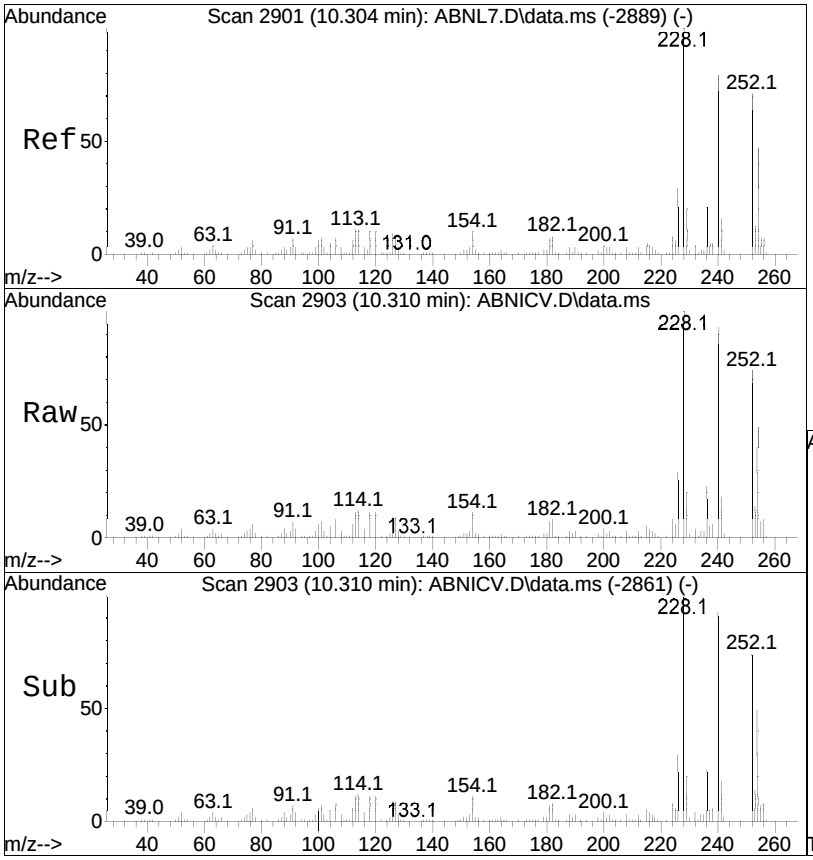


#105
Benzo(a)anthracene
Concen: 46.94 ug/ml
RT: 10.304 min Scan# 2901
Delta R.T. 0.006 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:228 Resp: 1371407

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.7	35.5
229	19.8	16.2	24.4

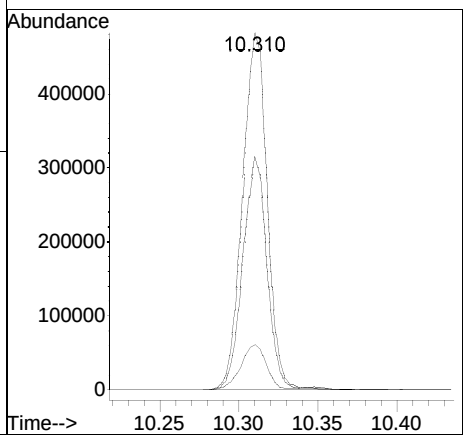


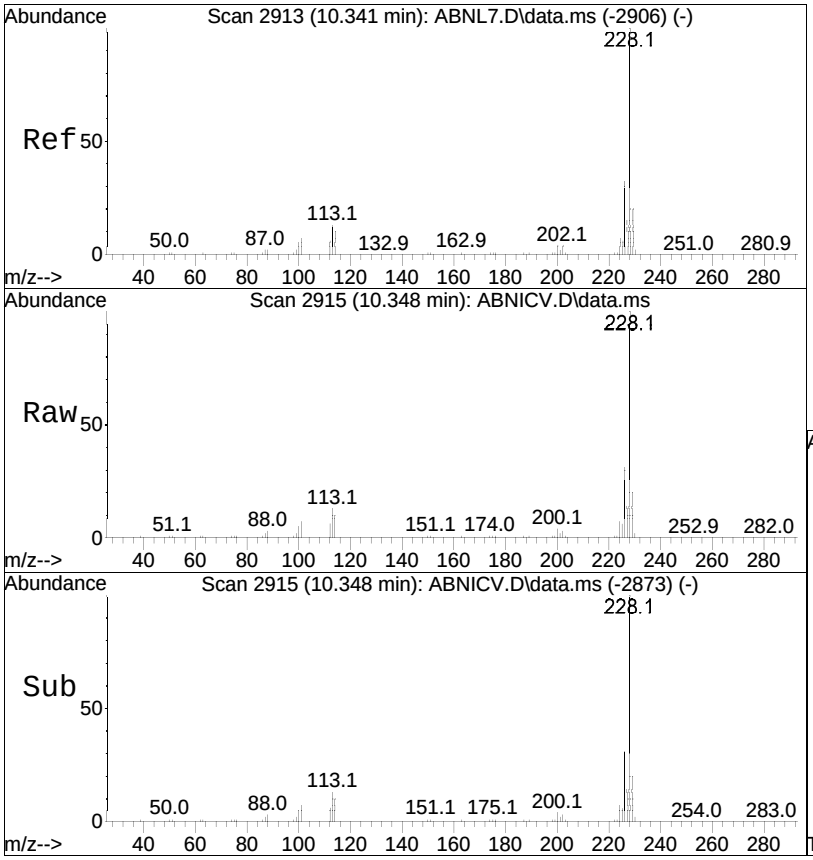


#106
3,3'-Dichlorobenzidine
Concen: 51.64 ug/ml
RT: 10.310 min Scan# 2903
Delta R.T. 0.006 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:252 Resp: 519253

Ion	Ratio	Lower	Upper
252	100		
126	13.3	17.8	26.6#
254	64.1	51.8	77.6

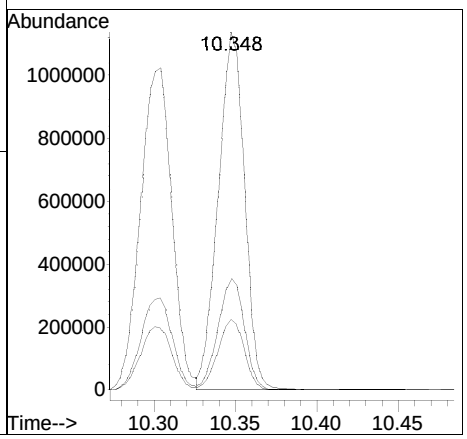


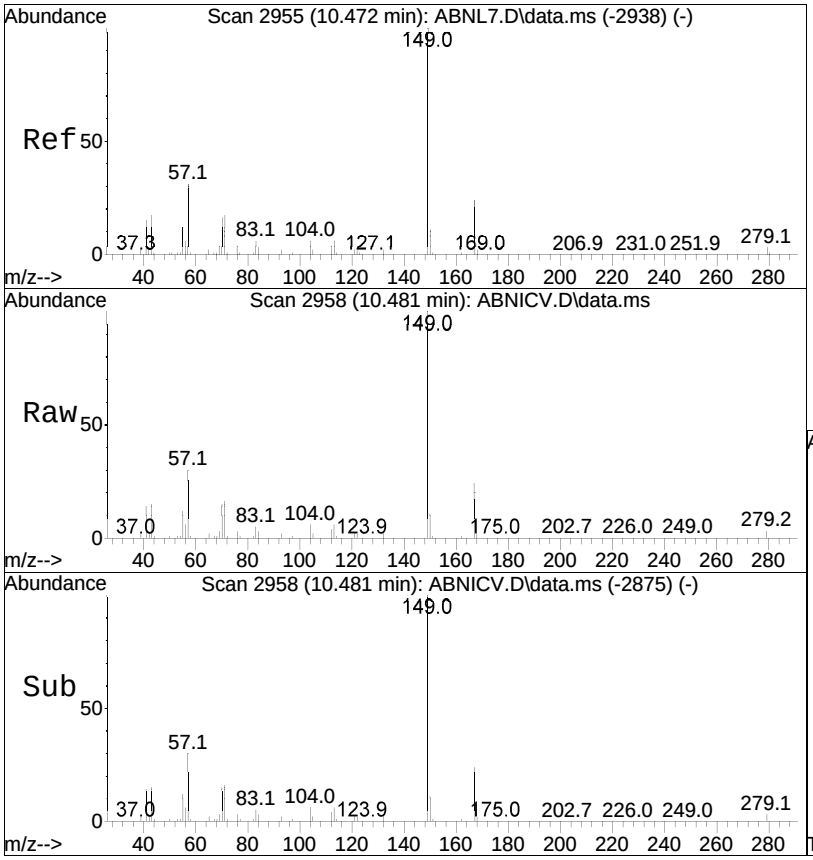


#107
Chrysene
Concen: 45.56 ug/ml
RT: 10.348 min Scan# 2915
Delta R.T. 0.007 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:228 Resp: 1277542

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.9	38.9
229	19.7	16.2	24.4

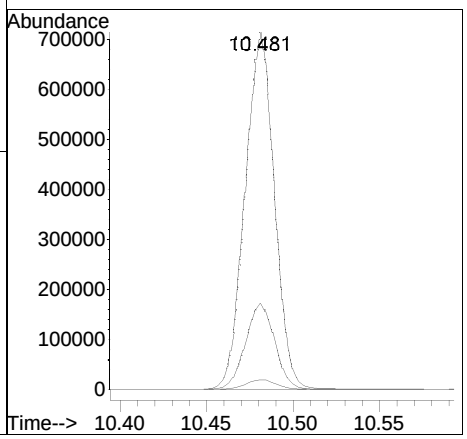


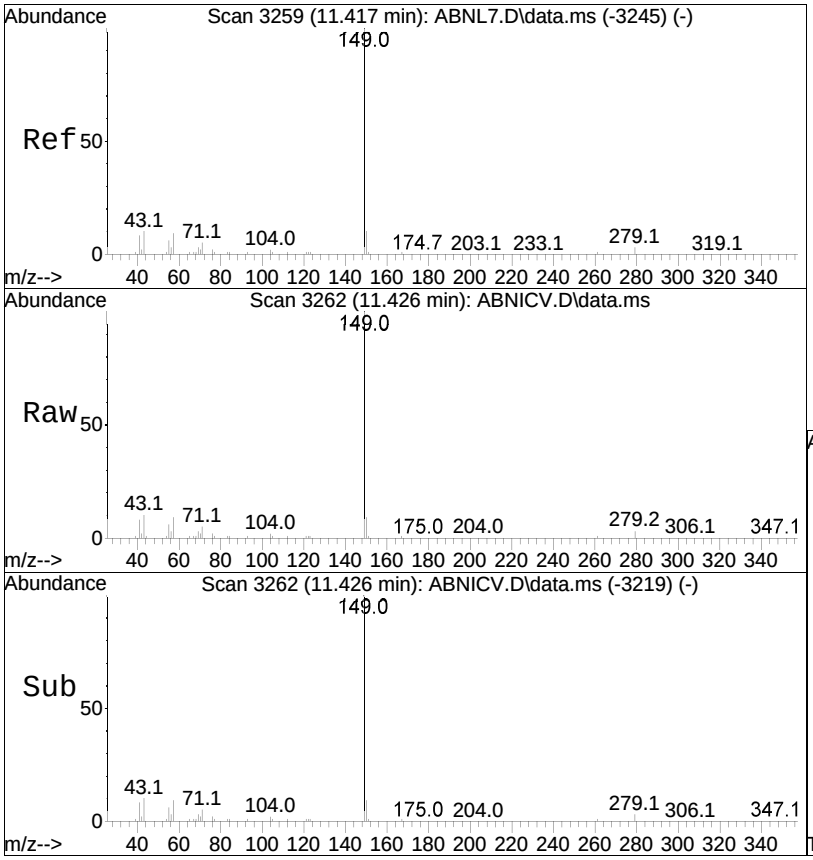


#108
Bis(2-ethylhexyl)phthalate
Concen: 51.48 ug/ml
RT: 10.481 min Scan# 2958
Delta R.T. 0.009 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:149 Resp: 832916

Ion	Ratio	Lower	Upper
149	100		
167	24.2	21.0	31.4
279	2.7	3.6	5.4#

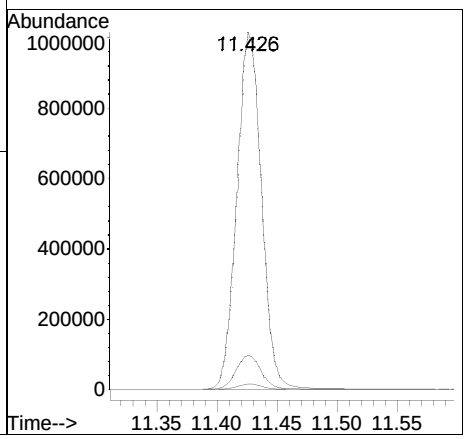


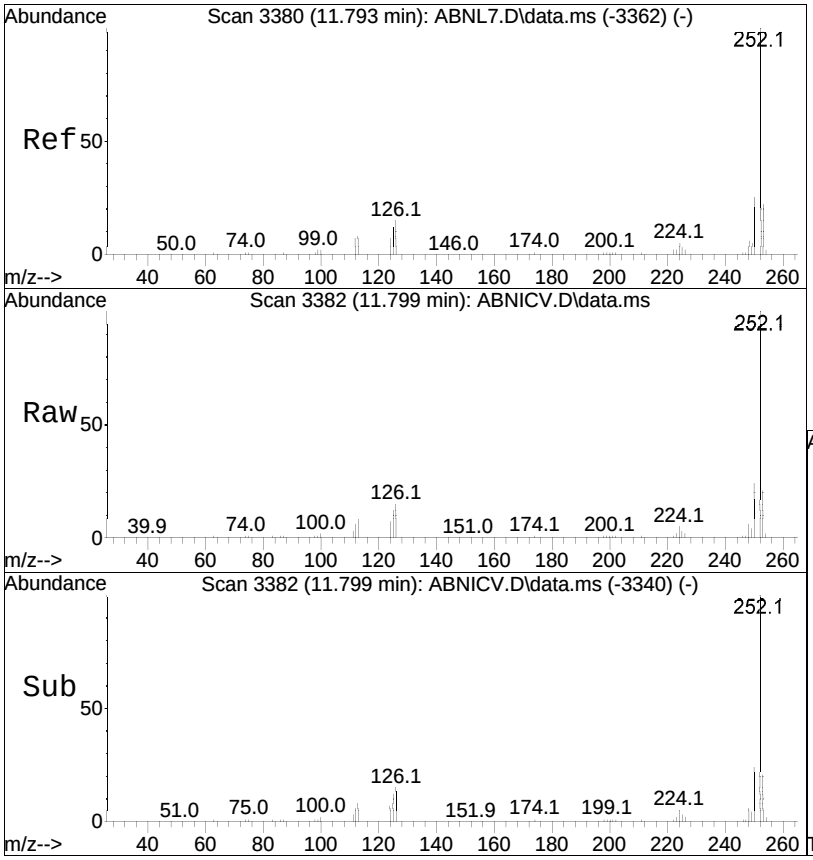


#109
Di-n-octylphthalate
Concen: 48.44 ug/ml
RT: 11.426 min Scan# 3262
Delta R.T. 0.009 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:149 Resp: 1419538

Ion	Ratio	Lower	Upper
149	100		
43	9.9	8.4	12.6
167	1.4	1.0	1.6

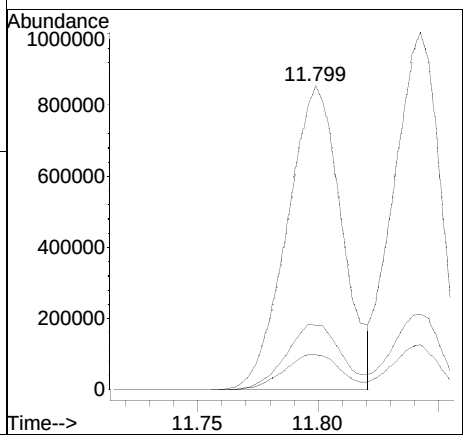


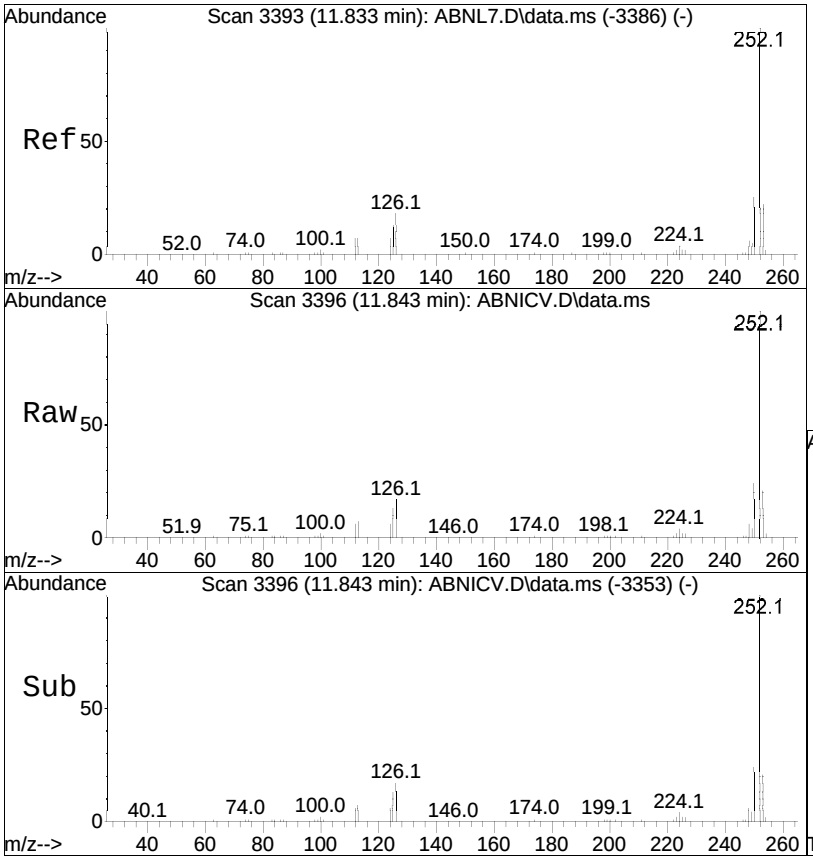


#110
Benzo(b)fluoranthene
Concen: 49.01 ug/ml
RT: 11.799 min Scan# 3382
Delta R.T. 0.006 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:252 Resp: 1344783

Ion	Ratio	Lower	Upper
252	100		
125	12.1	16.9	25.3#
253	21.5	17.7	26.5

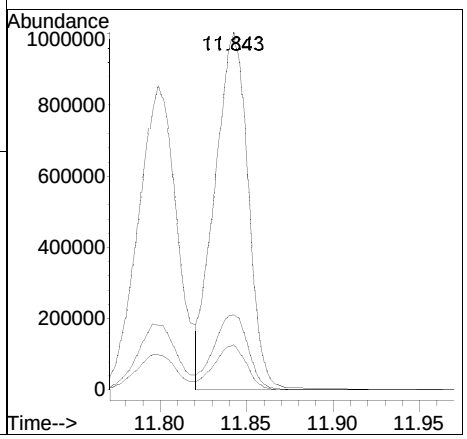


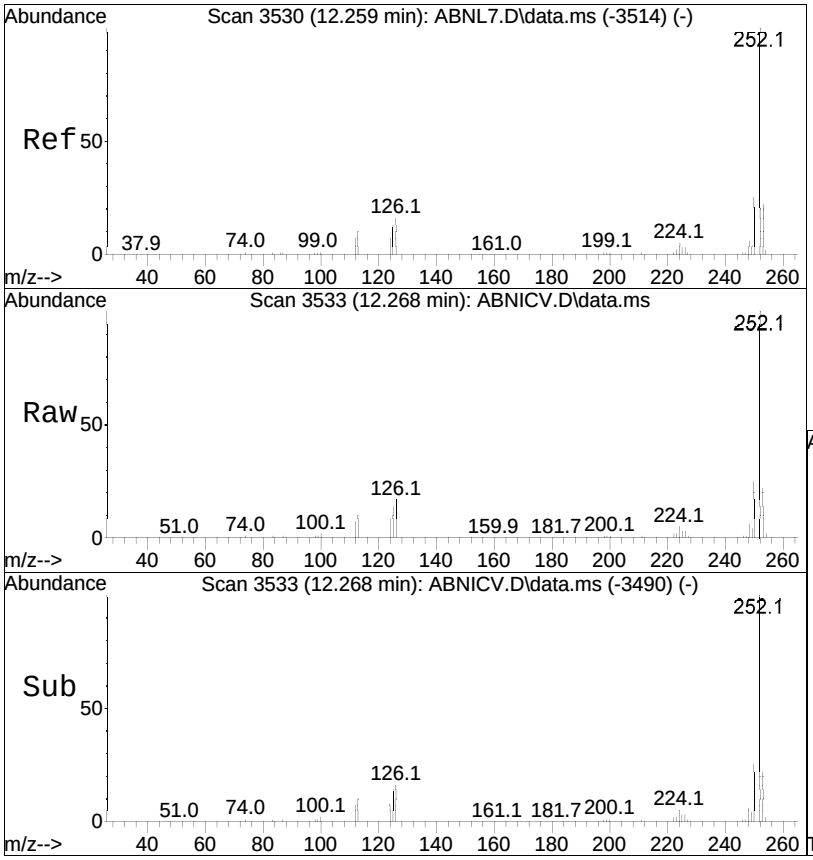


#111
Benzo(k)fluoranthene
Concen: 48.76 ug/ml
RT: 11.843 min Scan# 3396
Delta R.T. 0.010 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:252 Resp: 1344103

Ion	Ratio	Lower	Upper
252	100		
125	12.6	16.6	25.0#
253	21.5	17.7	26.5

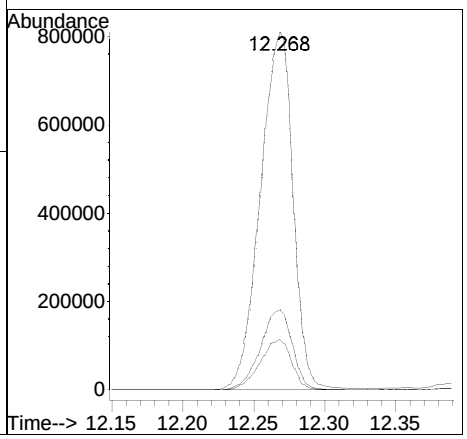


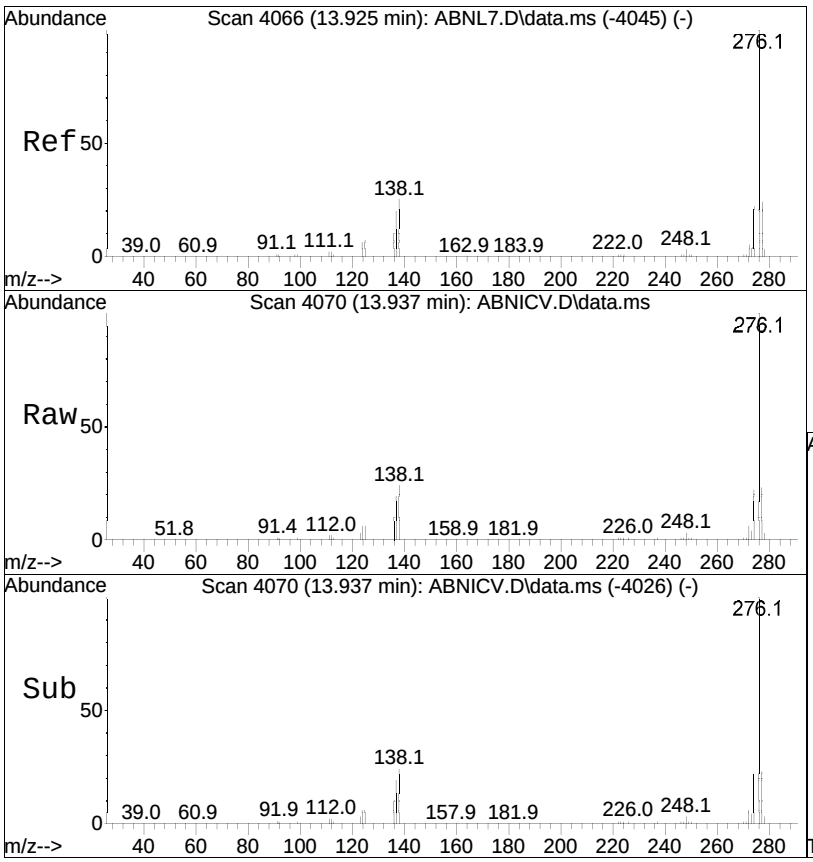


#112
Benzo(a)pyrene
Concen: 49.86 ug/ml
RT: 12.268 min Scan# 3533
Delta R.T. 0.009 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:252 Resp: 1280814

Ion	Ratio	Lower	Upper
252	100		
125	13.7	18.3	27.5#
253	22.0	17.6	26.4

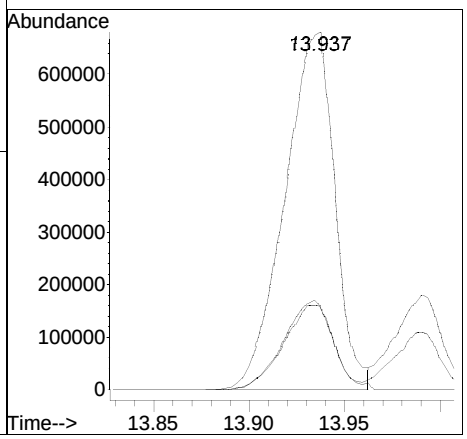


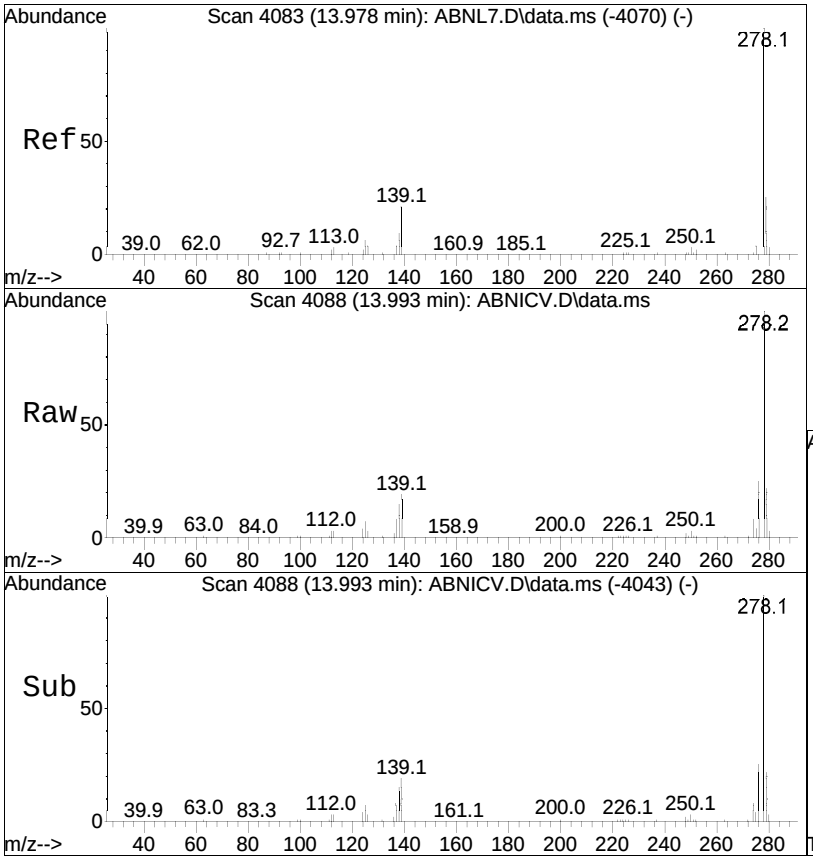


#114
Indeno(1,2,3-cd)pyrene
Concen: 49.75 ug/mL
RT: 13.937 min Scan# 4070
Delta R.T. 0.012 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:276 Resp: 1232872

Ion	Ratio	Lower	Upper
276	100		
138	24.8	29.6	44.4#
277	24.2	19.1	28.7

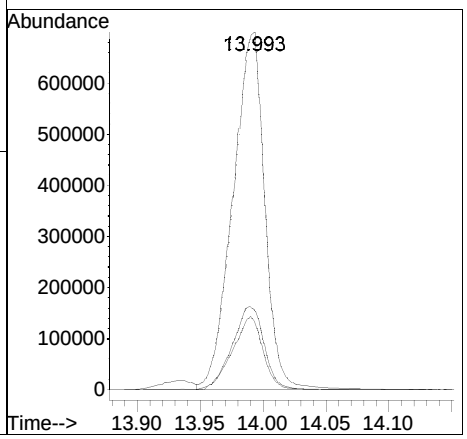


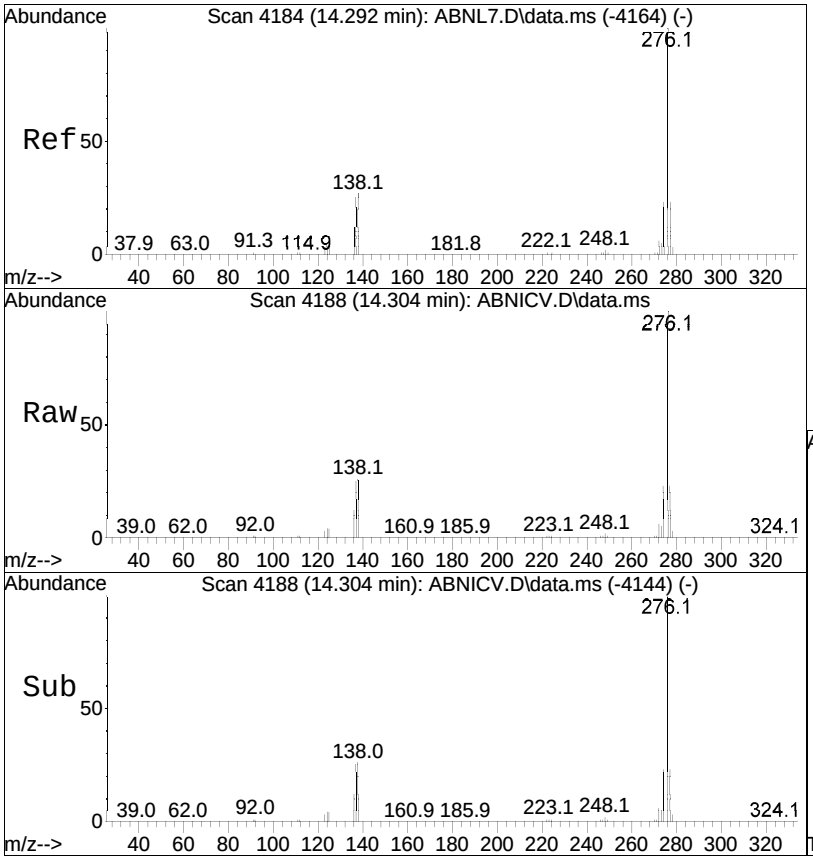


#115
Dibenzo(a,h)anthracene
Concen: 48.73 ug/ml
RT: 13.993 min Scan# 4088
Delta R.T. 0.015 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:278 Resp: 1213669

Ion	Ratio	Lower	Upper
278	100		
139	19.9	24.7	37.1#
279	23.6	19.6	29.4

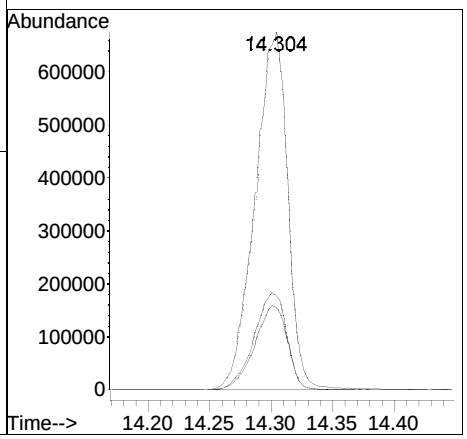




#116
Benzo(ghi)perylene
Concen: 47.78 ug/ml
RT: 14.304 min Scan# 4188
Delta R.T. 0.012 min
Lab File: ABNICV.D
Acq: 29 Aug 2025 02:34 pm

Tgt Ion:276 Resp: 1235400

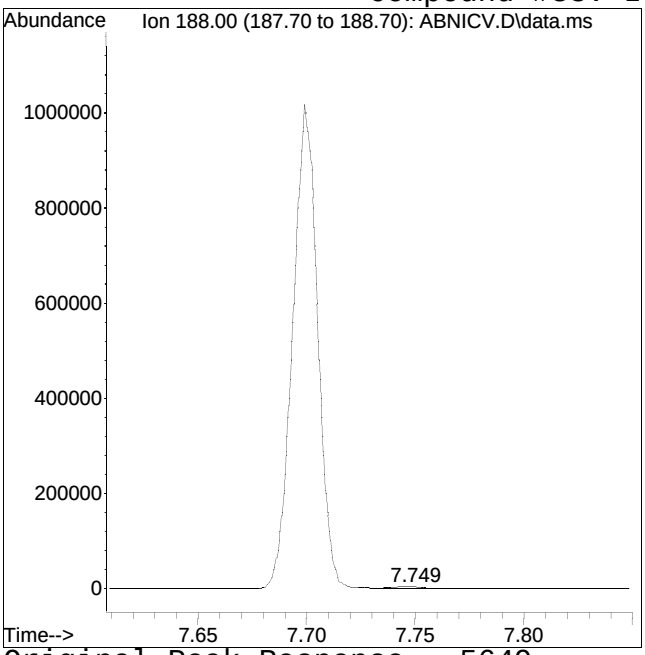
Ion	Ratio	Lower	Upper
276	100		
138	27.4	43.5	65.3#
277	23.9	22.6	33.8

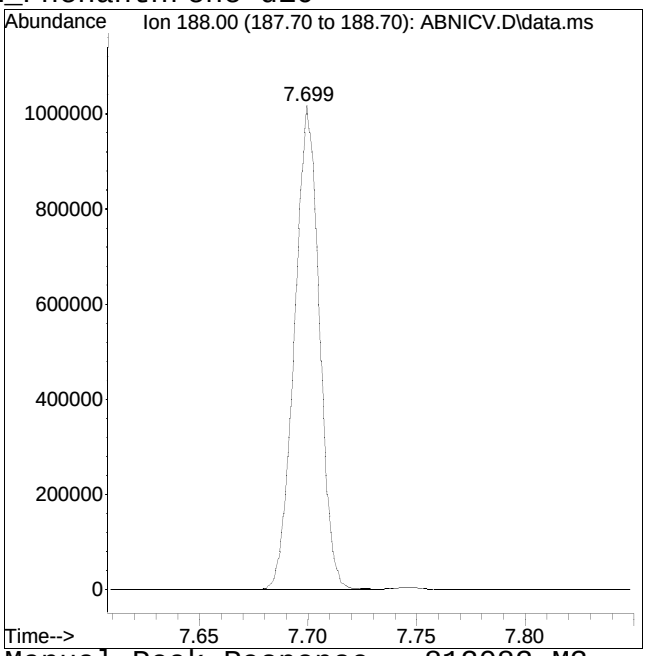


Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : ABNICV.D Operator : SV134:mrg
Date Inj'd : 8/29/2025 2:34 pm Instrument : SV134
Sample : CQICV1,32,,ABNICV Lot# 116Quant Date : 9/3/2025 4:18 pm

Compound #88: IS1_Phenanthrene-d10



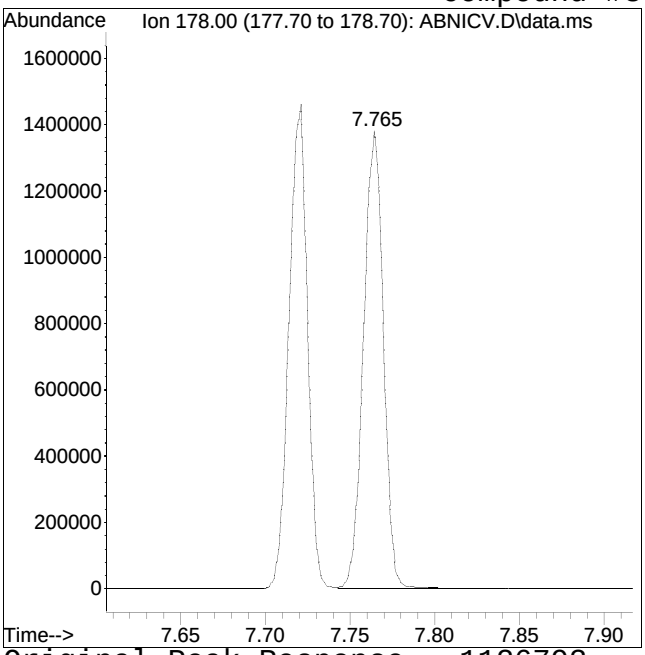


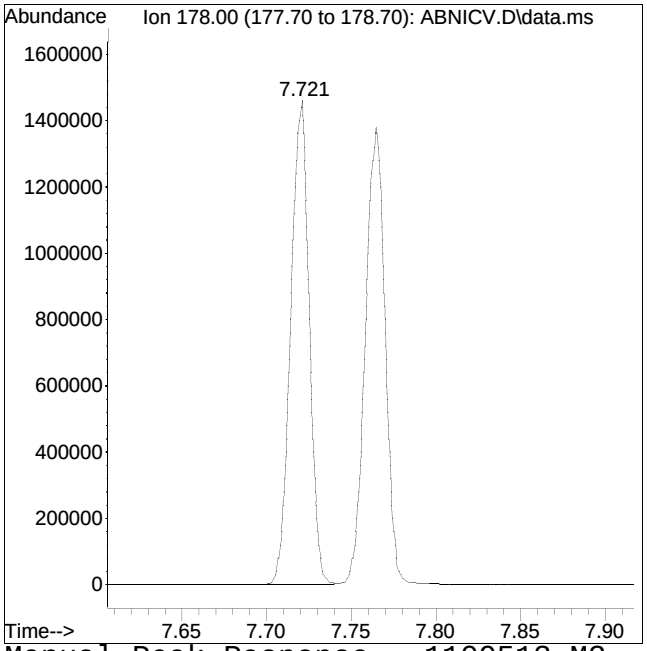
Original Peak Response = 5649 Manual Peak Response = 812083 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : ABNICV.D Operator : SV134:mrg
Date Inj'd : 8/29/2025 2:34 pm Instrument : SV134
Sample : CQICV1,32,,ABNICV Lot# 116 Quant Date : 9/3/2025 4:18 pm

Compound #89: Phenanthrene



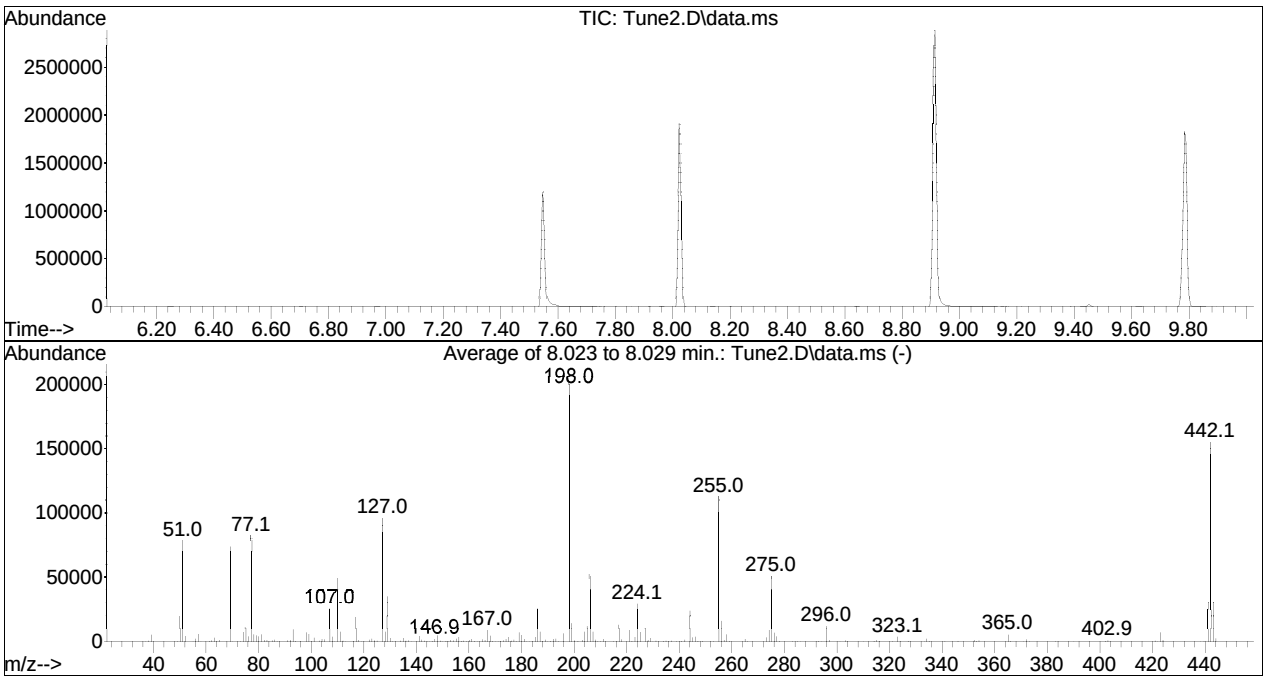


Original Peak Response = 1126793 Manual Peak Response = 1109513 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Data Path : I:\8270\SV134\250829ICAL\
Data File : Tune2.D
Acq On : 29 Aug 2025 03:16 pm
Operator : SV134:mrg
Sample : Tune Lot#11857
Misc : WG2110324
ALS Vial : 48 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Sep 03 16:24:42 2025



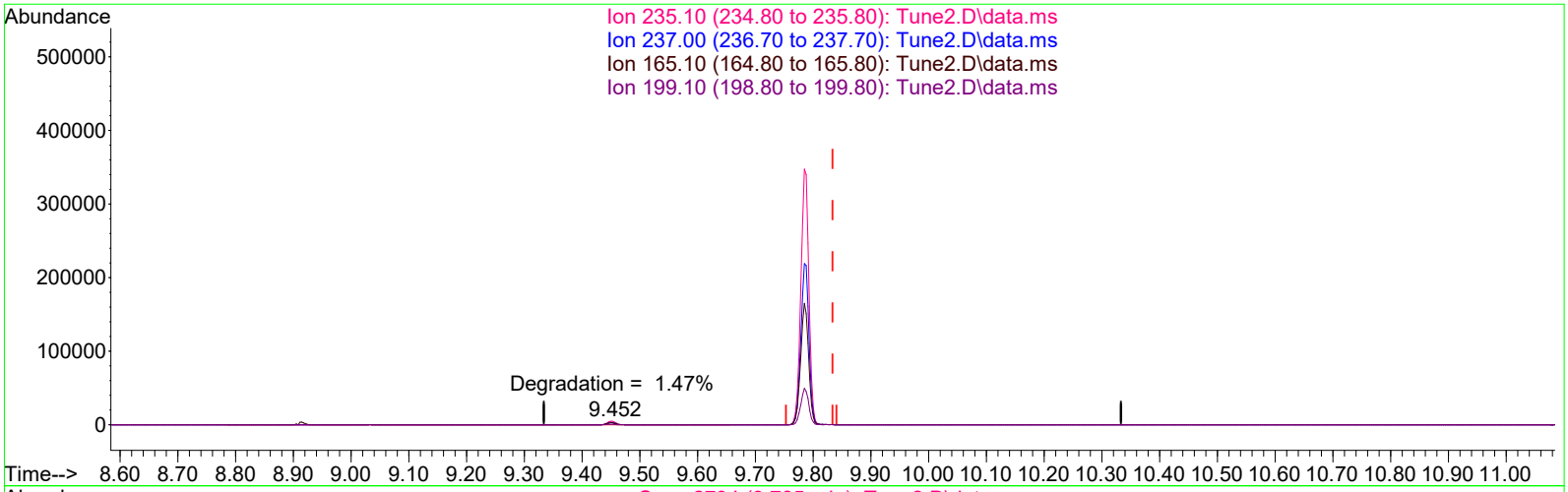
Spectrum Information: Average of 8.023 to 8.029 min.

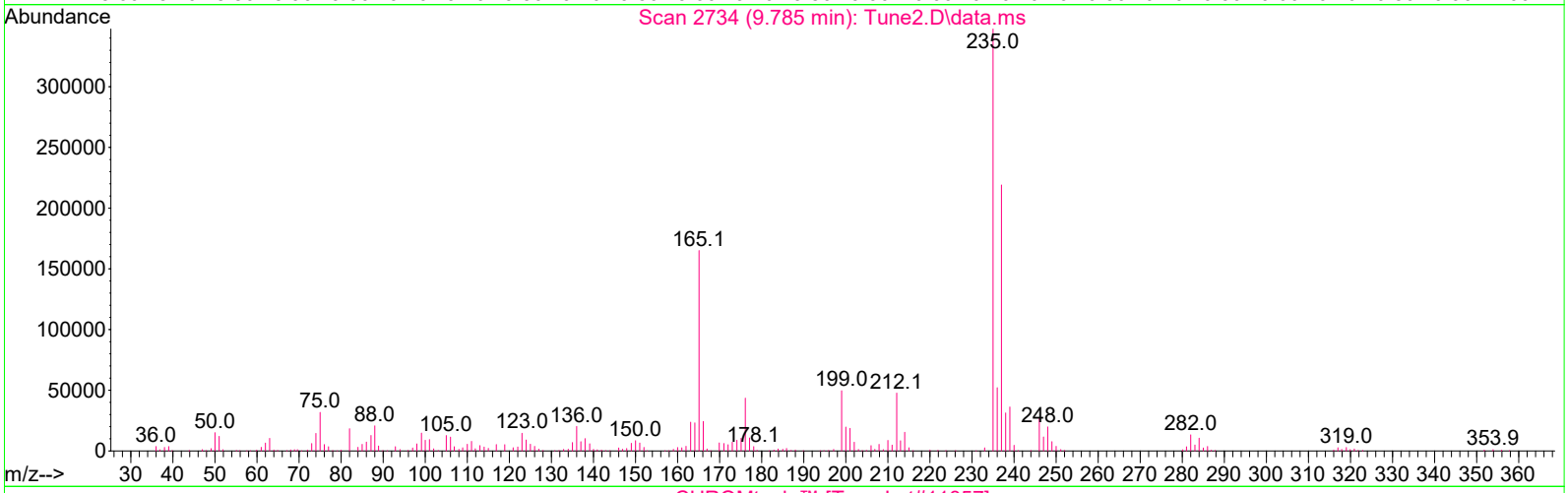
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	38.2	78400	PASS
68	69	0.00	2	0.0	0	PASS
69	69	100	100	100.0	73864	PASS
70	69	0.00	2	0.5	382	PASS
127	198	10	80	46.7	95864	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	205461	PASS
199	198	5	9	6.9	14239	PASS
275	198	10	60	24.7	50707	PASS
365	198	1	100	2.6	5396	PASS
441	442	0.01	24	19.4	30104	PASS
442	198	50	100	75.5	155051	PASS
443	442	15	24	19.8	30656	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\SV134\250829ICAL\
Data File : Tune2.D
Acq On : 29 Aug 2025 03:16 pm
Operator : SV134:mrg
Sample : Tune Lot#11857
Misc : WG2110324I
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Aug 29 15:34:44 2025
Quant Method : I:\8270\SV134\250829ICAL\DftppSV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Jul 30 09:23:02 2025
Response via : Initial Calibration





CHROMtools™ [Tune Lot#11857]

(6) DDT (T)

9.785min (-0.049) 54.96

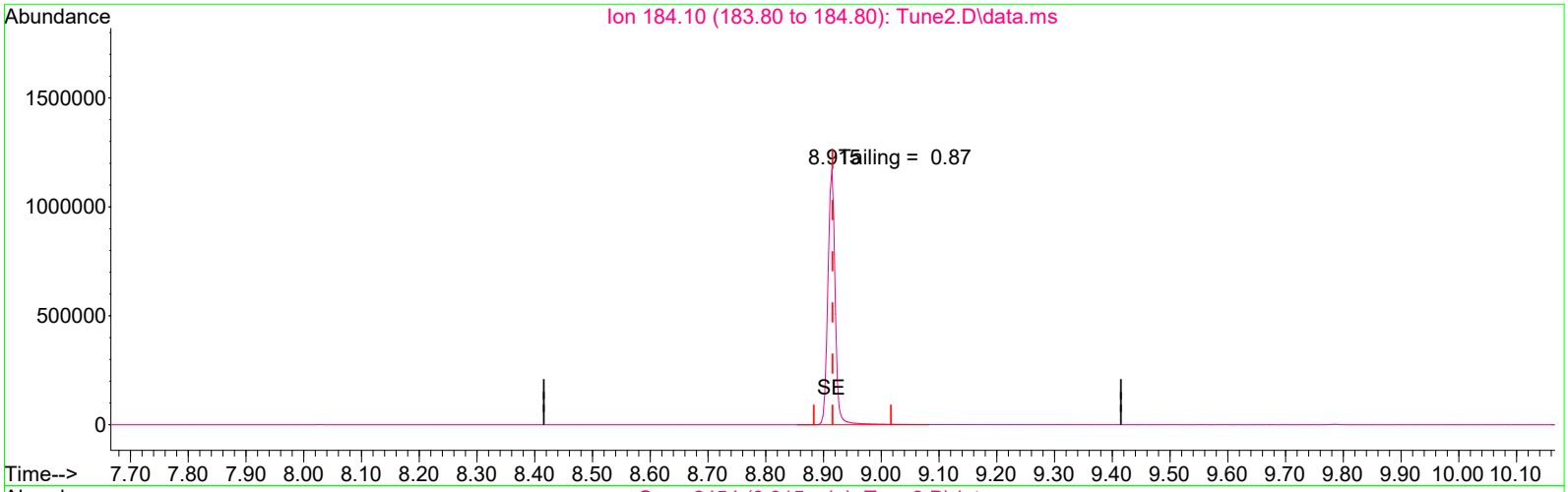
response 335035

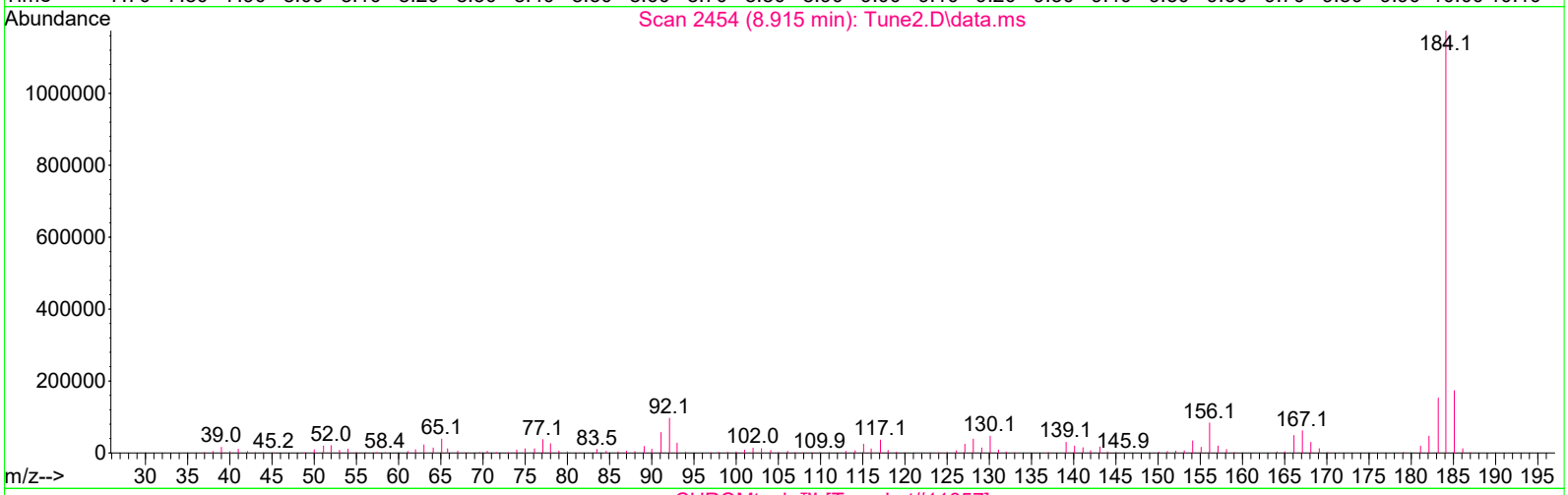
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	64.50	63.93
165.10	49.70	47.45
199.10	13.50	14.37

Quantitation Report (Qedit)

Data Path : I:\8270\SV134\250829ICAL\
Data File : Tune2.D
Acq On : 29 Aug 2025 03:16 pm
Operator : SV134:mrg
Sample : Tune Lot#11857
Misc : WG2110324I
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Aug 29 15:34:44 2025
Quant Method : I:\8270\SV134\250829ICAL\DftppSV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Jul 30 09:23:02 2025
Response via : Initial Calibration





CHROMtools™ [Tune Lot#11857]

(3) Benzidine (T)

8.915min (-0.001) 100.82

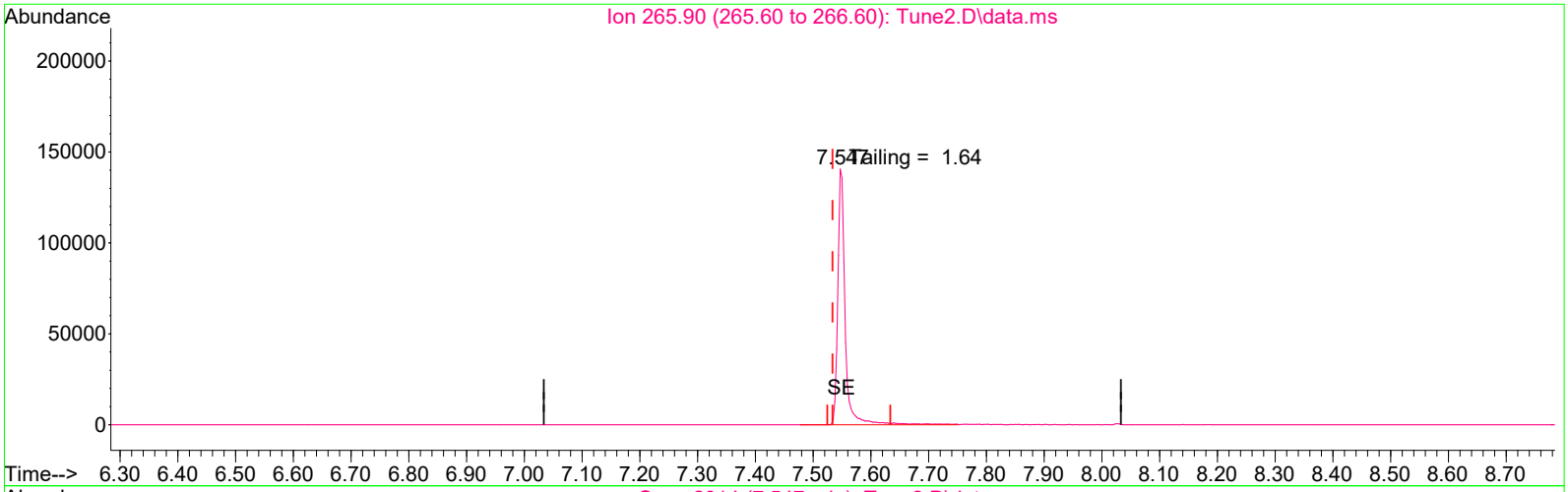
response 1026340

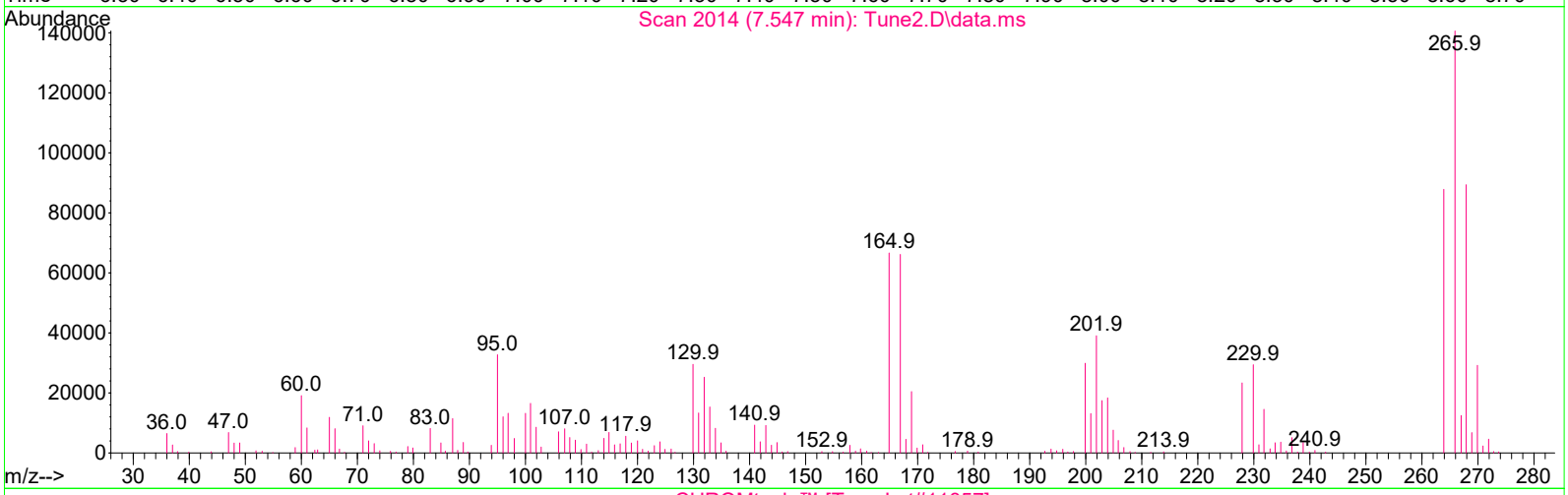
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\SV134\250829ICAL\
Data File : Tune2.D
Acq On : 29 Aug 2025 03:16 pm
Operator : SV134:mrg
Sample : Tune Lot#11857
Misc : WG2110324I
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Aug 29 15:34:44 2025
Quant Method : I:\8270\SV134\250829ICAL\DftppSV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Jul 30 09:23:02 2025
Response via : Initial Calibration





CHROMtools™ [Tune Lot#11857]

(1) Pentachlorophenol (T)

7.547min (+ 0.013) 58.13

response 122095

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ADPL10.D
Acq On : 29 Aug 2025 03:37 pm
Operator : SV134:mrg
Sample : IL21,32,,ADPL200 Lot# 11953
Misc : WG2110324
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 30 06:43:26 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.752	152	173675	40.000	ug/ml	0.00
Standard Area 2 = 177472			Recovery = 97.86%			
86) IS3_Acenaphthene-d10	6.397	164	408227	40.000	ug/ml	0.00
Standard Area 2 = 375394			Recovery = 108.75%			
100) IS3_Phenanthrene-d10	7.699	188	866384	40.000	ug/ml	0.00
Standard Area 2 = 758948			Recovery = 114.16%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.430	88	403171	208.814	ug/ml#	66
34) n-Decane	3.652	57	1433950	233.660	ug/ml#	82
87) Atrazine	7.510	200	980588	227.271	ug/ml	97
101) n-Octadecane	7.684	57	2268250	227.524	ug/ml#	77
102) Parathion	8.420	109	539704	187.429	ug/ml	96
103) 3,3'-Dimethylbenzidine	9.676	212	4005227	228.133	ug/ml	99

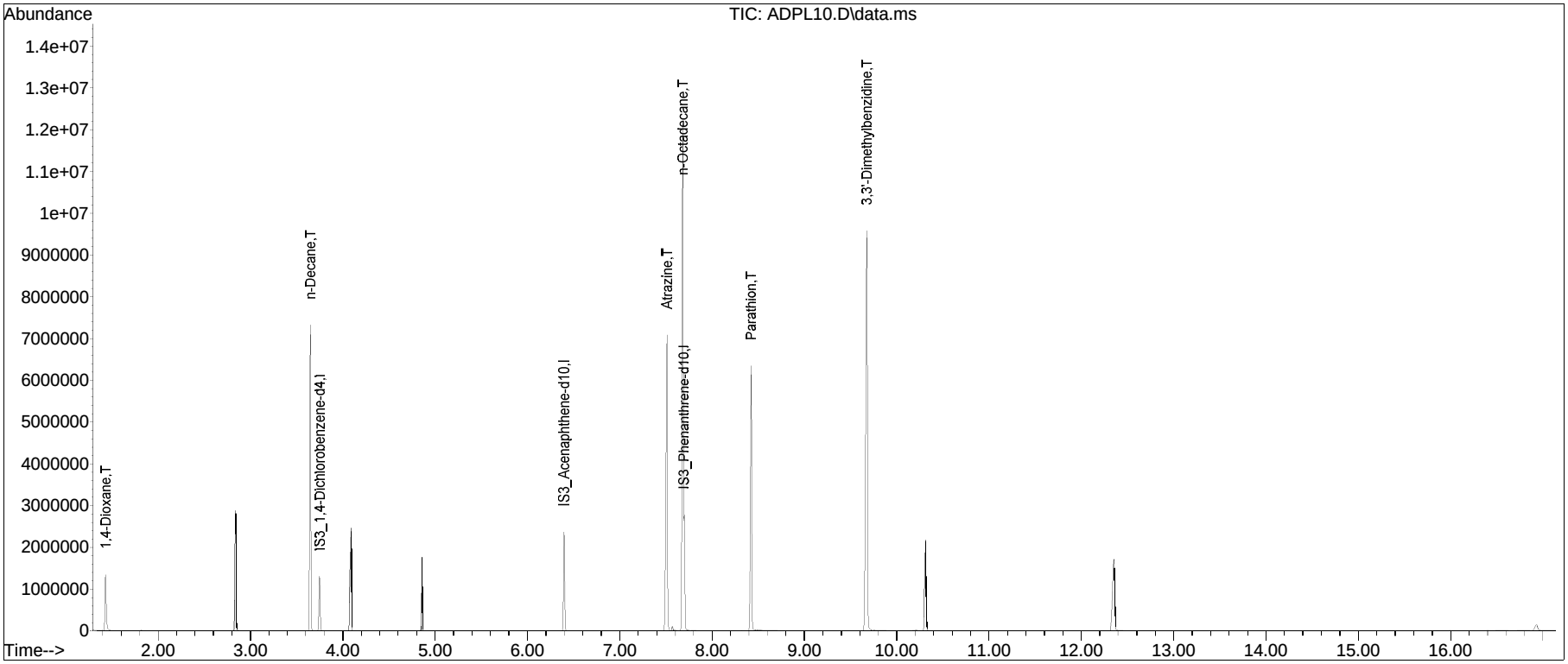
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ADPL10.D
Acq On : 29 Aug 2025 03:37 pm
Operator : SV134:mrg
Sample : IL21,32,,ADPL200 Lot# 11953
Misc : WG2110324
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Aug 30 06:43:26 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistAL\AP9L7a.D•



Manual Integration Report

Data Path	: I:\8270\SV134\250829ICAL\	QMethod	: FS250829SV134.m
Data File	: ADPL10.D	Operator	: SV134:mrg
Date Inj'd	: 8/29/2025 3:37 pm	Instrument	: SV134
Sample	: IL21,32,,ADPL200 Lot# 1195	Quant Date	: 8/30/2025 6:16 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ADPL9.D
Acq On : 29 Aug 2025 03:58 pm
Operator : SV134:mrg
Sample : IL22,32,,ADPL150 Lot# 11954
Misc : WG2110324
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 30 06:46:09 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.752	152	176631	40.000	ug/ml	0.00
Standard Area 2 = 177472			Recovery = 99.53%			
86) IS3_Acenaphthene-d10	6.397	164	421258	40.000	ug/ml	0.00
Standard Area 2 = 375394			Recovery = 112.22%			
100) IS3_Phenanthrene-d10	7.699	188	900813	40.000	ug/ml	0.00
Standard Area 2 = 758948			Recovery = 118.69%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.430	88	306103	155.886	ug/ml#	67
34) n-Decane	3.652	57	1111015	178.008	ug/ml#	82
87) Atrazine	7.507	200	788388	177.073	ug/ml	97
101) n-Octadecane	7.684	57	1860982	179.537	ug/ml#	76
102) Parathion	8.420	109	422946	141.964	ug/ml	96
103) 3,3'-Dimethylbenzidine	9.676	212	3186473	174.737	ug/ml	99

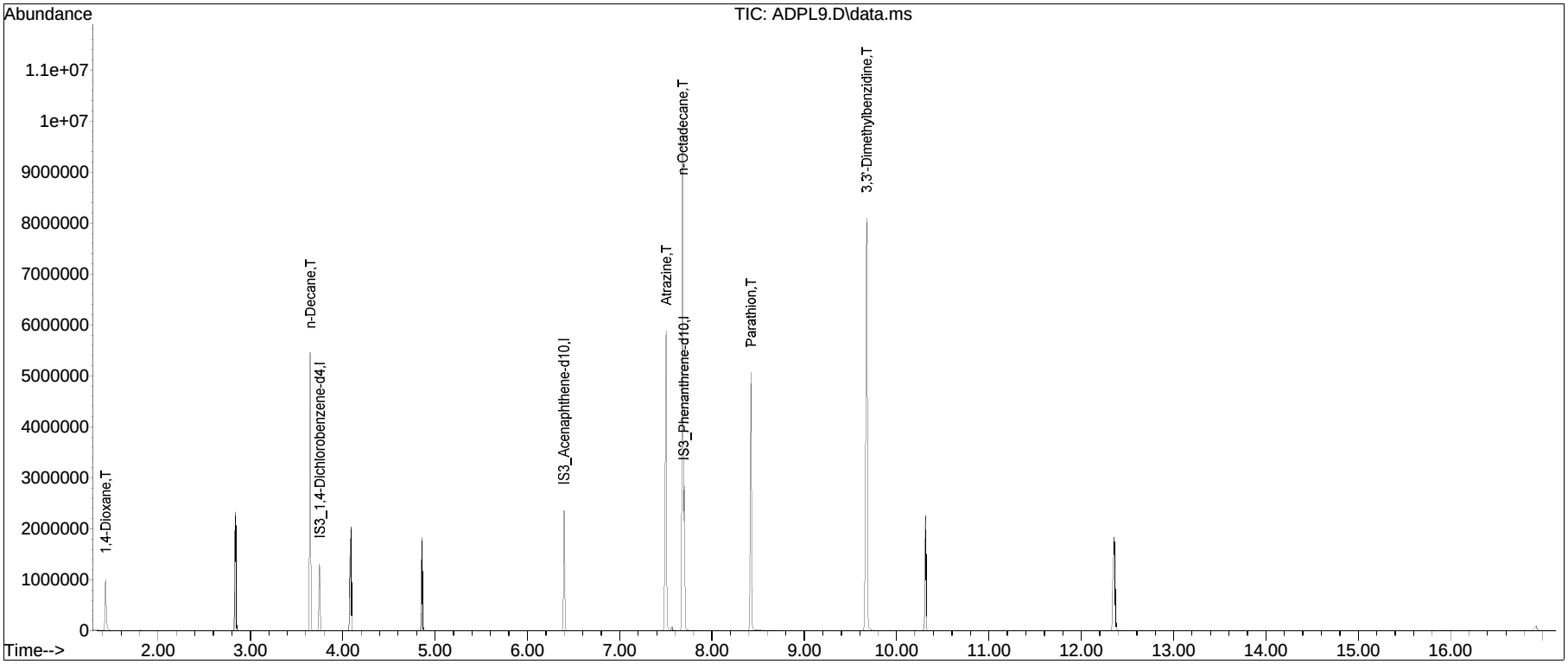
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ADPL9.D
Acq On : 29 Aug 2025 03:58 pm
Operator : SV134:mrg
Sample : IL22,32,,ADPL150 Lot# 11954
Misc : WG2110324
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Aug 30 06:46:09 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistAL\AP9L7a.D•



Manual Integration Report

Data Path	: I:\8270\SV134\250829ICAL\	QMethod	: FS250829SV134.m
Data File	: ADPL9.D	Operator	: SV134:mrg
Date Inj'd	: 8/29/2025 3:58 pm	Instrument	: SV134
Sample	: IL22,32,,ADPL150 Lot# 1195	Quant Date	: 8/30/2025 6:16 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ADPL8.D
Acq On : 29 Aug 2025 04:19 pm
Operator : SV134:mrg
Sample : IL23,32,,ADPL100 Lot# 11955
Misc : WG2110324
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 30 06:45:47 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.752	152	174613	40.000	ug/ml	0.00
Standard Area 2 = 177472			Recovery = 98.39%			
86) IS3_Acenaphthene-d10	6.400	164	423655	40.000	ug/ml	0.00
Standard Area 2 = 375394			Recovery = 112.86%			
100) IS3_Phenanthrene-d10	7.699	188	909607	40.000	ug/ml	0.00
Standard Area 2 = 758948			Recovery = 119.85%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.430	88	211170	108.783	ug/ml#	67
34) n-Decane	3.649	57	770841	124.932	ug/ml#	82
87) Atrazine	7.500	200	525882	117.445	ug/ml	97
101) n-Octadecane	7.681	57	1321920	126.298	ug/ml#	76
102) Parathion	8.417	109	272952	91.752	ug/ml	97
103) 3,3'-Dimethylbenzidine	9.670	212	2128312	115.836	ug/ml	99

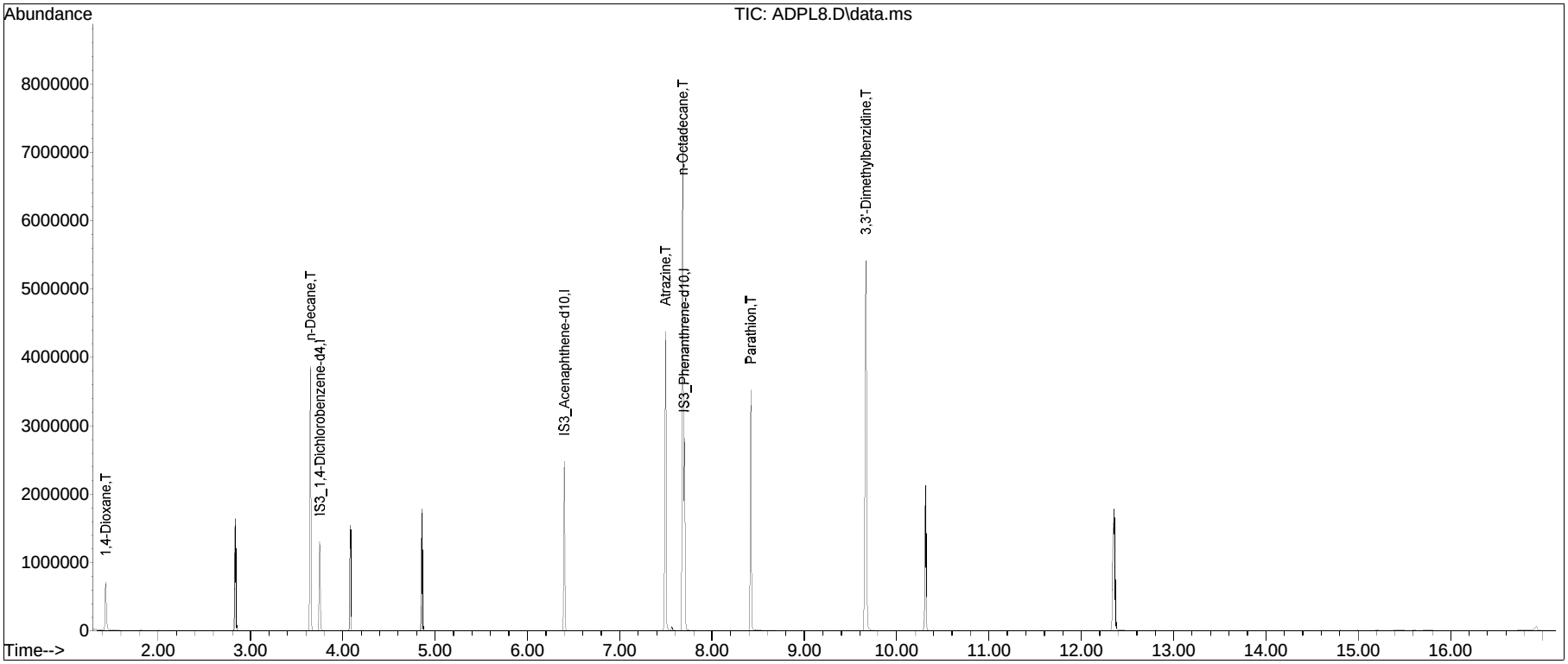
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ADPL8.D
Acq On : 29 Aug 2025 04:19 pm
Operator : SV134:mrg
Sample : IL23,32,,ADPL100 Lot# 11955
Misc : WG2110324
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Aug 30 06:45:47 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistAL\AP9L7a.D•



Manual Integration Report

Data Path	: I:\8270\SV134\250829ICAL\	QMethod	: FS250829SV134.m
Data File	: ADPL8.D	Operator	: SV134:mrg
Date Inj'd	: 8/29/2025 4:19 pm	Instrument	: SV134
Sample	: IL23,32,,ADPL100 Lot# 1195	Quant Date	: 8/30/2025 6:16 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ADPL7.D
Acq On : 29 Aug 2025 04:40 pm
Operator : SV134:mrg
Sample : IL24,32,,ADPL50 Lot# 11956
Misc : WG2110324
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 30 06:45:27 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.752	152	177472	40.000	ug/ml	0.00
Standard Area 2 = 177472			Recovery = 100.00%			
86) IS3_Acenaphthene-d10	6.400	164	375394	40.000	ug/ml	0.00
Standard Area 2 = 375394			Recovery = 100.00%			
100) IS3_Phenanthrene-d10	7.699	188	758948	40.000	ug/ml	0.00
Standard Area 2 = 758948			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.433	88	114929	58.251	ug/ml#	67
34) n-Decane	3.649	57	423695	67.563	ug/ml#	83
87) Atrazine	7.497	200	216496	54.566	ug/ml	96
101) n-Octadecane	7.681	57	597880	68.462	ug/ml#	75
102) Parathion	8.414	109	101793	42.574	ug/ml	95
103) 3,3'-Dimethylbenzidine	9.667	212	906640	59.508	ug/ml	100

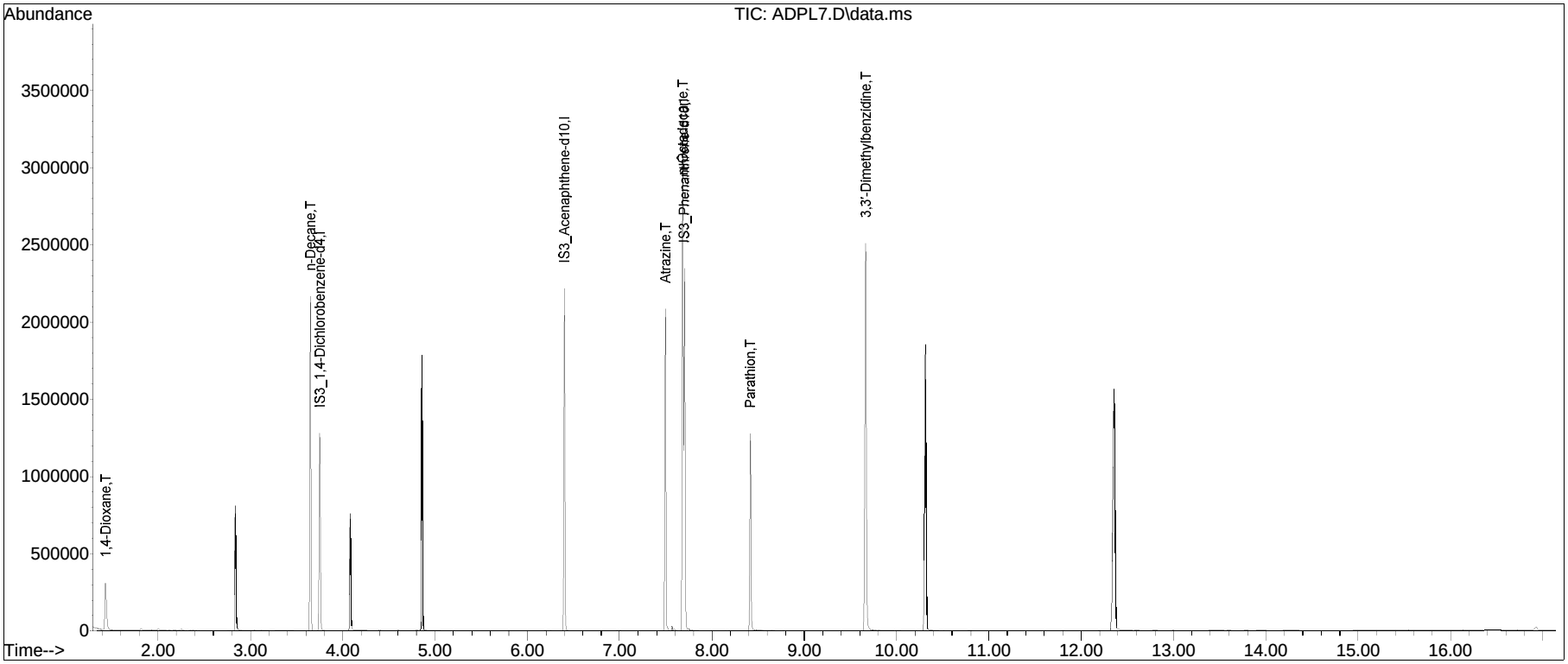
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ADPL7.D
Acq On : 29 Aug 2025 04:40 pm
Operator : SV134:mrg
Sample : IL24,32,,ADPL50 Lot# 11956
Misc : WG2110324
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Aug 30 06:45:27 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistAL\AP9L7a.D•



Manual Integration Report

Data Path	: I:\8270\SV134\250829ICAL\	QMethod	: FS250829SV134.m
Data File	: ADPL7.D	Operator	: SV134:mrg
Date Inj'd	: 8/29/2025 4:40 pm	Instrument	: SV134
Sample	: IL24,32,,ADPL50 Lot# 11956	Quant Date	: 8/30/2025 6:16 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ADPL6.D
Acq On : 29 Aug 2025 05:02 pm
Operator : SV134:mrg
Sample : IL25,32,,ADPL25 Lot# 11957
Misc : WG2110324
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 30 06:45:09 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.752	152	172108	40.000	ug/ml	0.00
Standard Area 2 = 177472			Recovery = 96.98%			
86) IS3_Acenaphthene-d10	6.400	164	365432	40.000	ug/ml	0.00
Standard Area 2 = 375394			Recovery = 97.35%			
100) IS3_Phenanthrene-d10	7.699	188	769079	40.000	ug/ml	0.00
Standard Area 2 = 758948			Recovery = 101.33%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.433	88	61445	32.114	ug/ml#	69
34) n-Decane	3.649	57	221524	36.426	ug/ml#	83
87) Atrazine	7.494	200	116048	30.046	ug/ml	96
101) n-Octadecane	7.681	57	324759	36.698	ug/ml#	76
102) Parathion	8.414	109	48587	21.549	ug/ml	97
103) 3,3'-Dimethylbenzidine	9.667	212	496259	32.488	ug/ml	99

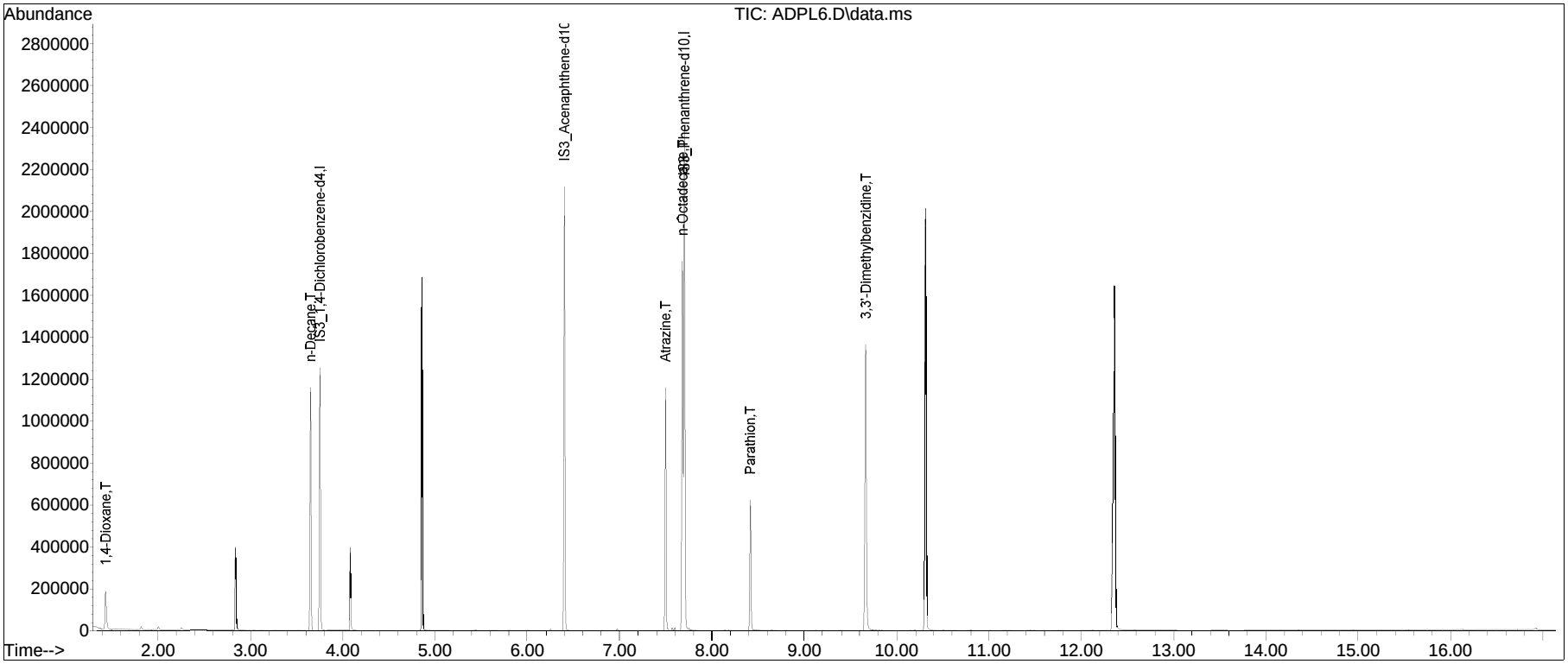
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ADPL6.D
Acq On : 29 Aug 2025 05:02 pm
Operator : SV134:mrg
Sample : IL25,32,,ADPL25 Lot# 11957
Misc : WG2110324
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Aug 30 06:45:09 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistAL\AP9L7a.D•



Manual Integration Report

Data Path	: I:\8270\SV134\250829ICAL\	QMethod	: FS250829SV134.m
Data File	: ADPL6.D	Operator	: SV134:mrg
Date Inj'd	: 8/29/2025 5:02 pm	Instrument	: SV134
Sample	: IL25,32,,ADPL25 Lot# 11957	Quant Date	: 8/30/2025 6:16 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ADPL5.D
Acq On : 29 Aug 2025 05:23 pm
Operator : SV134:mrg
Sample : IL26,32,,ADPL10 Lot# 11958
Misc : WG2110324
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 30 06:44:51 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.752	152	179587	40.000	ug/ml	0.00
Standard Area 2 = 177472			Recovery = 101.19%			
86) IS3_Acenaphthene-d10	6.400	164	428397	40.000	ug/ml	0.00
Standard Area 2 = 375394			Recovery = 114.12%			
100) IS3_Phenanthrene-d10	7.699	188	931756	40.000	ug/ml	0.00
Standard Area 2 = 758948			Recovery = 122.77%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.433	88	21778	10.908	ug/ml#	68
34) n-Decane	3.649	57	79320	12.500	ug/ml#	83
87) Atrazine	7.494	200	45047	9.949	ug/ml	96
101) n-Octadecane	7.681	57	128308	11.967	ug/ml#	76
102) Parathion	8.414	109	17571	8.416	ug/ml	91
103) 3,3'-Dimethylbenzidine	9.664	212	166586	9.544	ug/ml	99

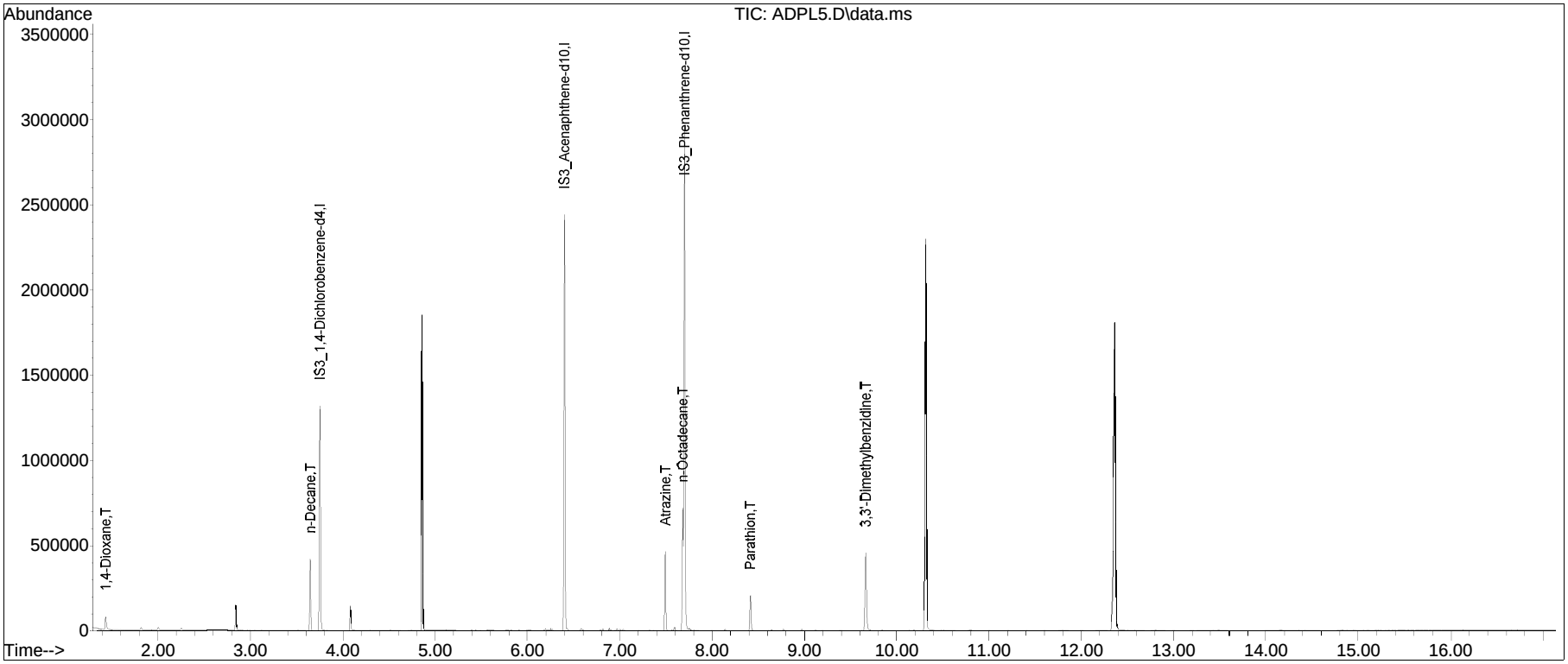
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ADPL5.D
Acq On : 29 Aug 2025 05:23 pm
Operator : SV134:mrg
Sample : IL26,32,,ADPL10 Lot# 11958
Misc : WG2110324
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Aug 30 06:44:51 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistAL\AP9L7a.D•



Manual Integration Report

Data Path	: I:\8270\SV134\250829ICAL\	QMethod	: FS250829SV134.m
Data File	: ADPL5.D	Operator	: SV134:mrg
Date Inj'd	: 8/29/2025 5:23 pm	Instrument	: SV134
Sample	: IL26,32,,ADPL10 Lot# 11958	Quant Date	: 8/30/2025 6:16 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ADPL4.D
Acq On : 29 Aug 2025 05:44 pm
Operator : SV134:mrg
Sample : IL27,32,,ADPL5 Lot# 11959
Misc : WG2110324
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 30 06:44:29 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.752	152	169141	40.000	ug/ml	0.00
Standard Area 2 = 177472			Recovery = 95.31%			
86) IS3_Acenaphthene-d10	6.400	164	390380	40.000	ug/ml	0.00
Standard Area 2 = 375394			Recovery = 103.99%			
100) IS3_Phenanthrene-d10	7.699	188	874003	40.000	ug/ml	0.00
Standard Area 2 = 758948			Recovery = 115.16%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.433	88	10236	5.444	ug/ml#	62
34) n-Decane	3.649	57	37486	6.272	ug/ml#	84
87) Atrazine	7.494	200	20159	4.886	ug/ml	94
101) n-Octadecane	7.680	57	58097	5.777	ug/ml#	77
102) Parathion	8.414	109	7094	5.233	ug/ml	92
103) 3,3'-Dimethylbenzidine	9.663	212	74542	4.945	ug/ml	97

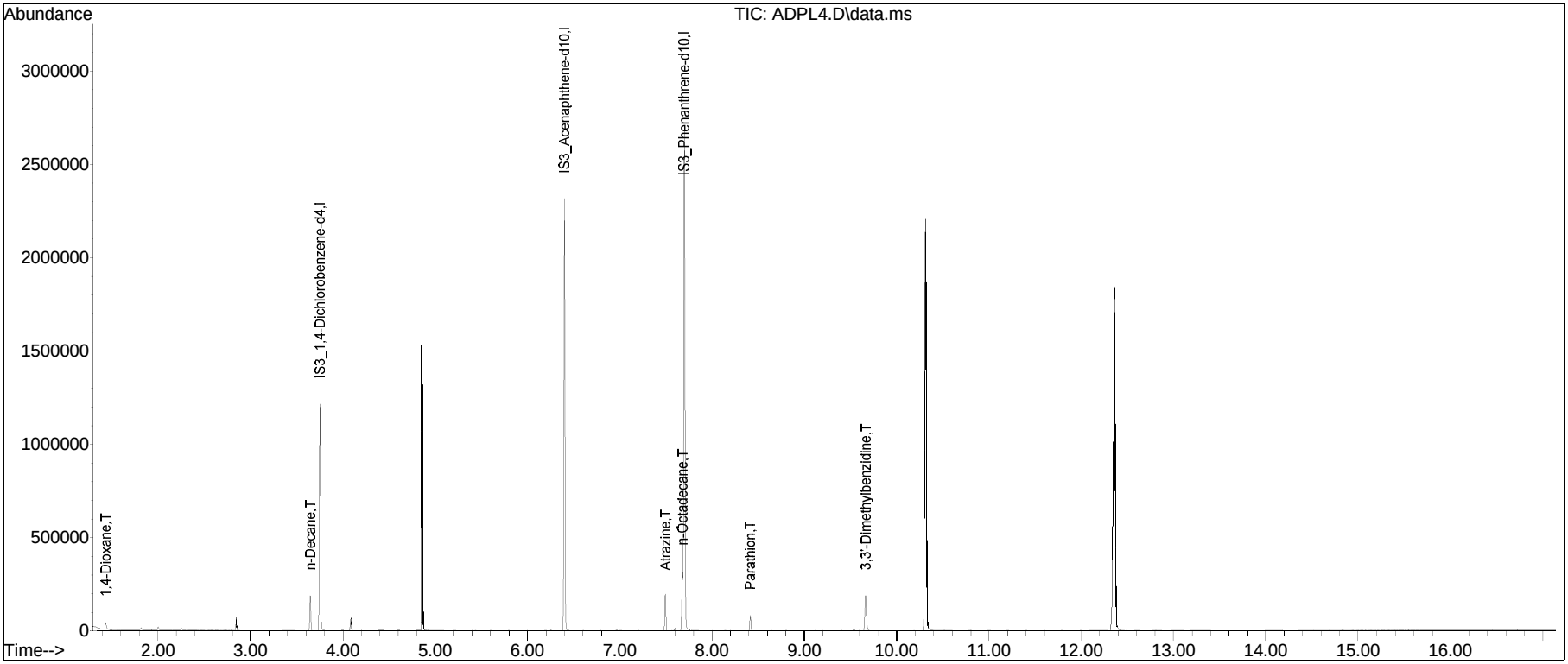
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ADPL4.D
Acq On : 29 Aug 2025 05:44 pm
Operator : SV134:mrg
Sample : IL27,32,,ADPL5 Lot# 11959
Misc : WG2110324
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Aug 30 06:44:29 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistAL\AP9L7a.D•



Manual Integration Report

Data Path	: I:\8270\SV134\250829ICAL\	QMethod	: FS250829SV134.m
Data File	: ADPL4.D	Operator	: SV134:mrg
Date Inj'd	: 8/29/2025 5:44 pm	Instrument	: SV134
Sample	: IL27,32,,ADPL5 Lot# 11959	Quant Date	: 8/30/2025 6:16 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ADPL3.D
Acq On : 29 Aug 2025 06:05 pm
Operator : SV134:mrg
Sample : IL28,32,,ADPL3 Lot# 11960
Misc : WG2110324
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 30 06:48:24 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.752	152	177156	40.000	ug/ml	0.00
Standard Area 2 = 177472			Recovery = 99.82%			
86) IS3_Acenaphthene-d10	6.400	164	424838	40.000	ug/ml	0.00
Standard Area 2 = 375394			Recovery = 113.17%			
100) IS3_Phenanthrene-d10	7.699	188	937193M3	40.000	ug/ml	0.00
Standard Area 2 = 758948			Recovery = 123.49%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.436	88	6621	3.362	ug/ml#	68
34) n-Decane	3.649	57	23472	3.750	ug/ml#	85
87) Atrazine	7.491	200	12969	2.888	ug/ml	96
101) n-Octadecane	7.681	57	36327	3.369	ug/ml#	78
102) Parathion	8.411	109	4420	4.226	ug/ml	92
103) 3,3'-Dimethylbenzidine	9.664	212	38708	2.782	ug/ml	97

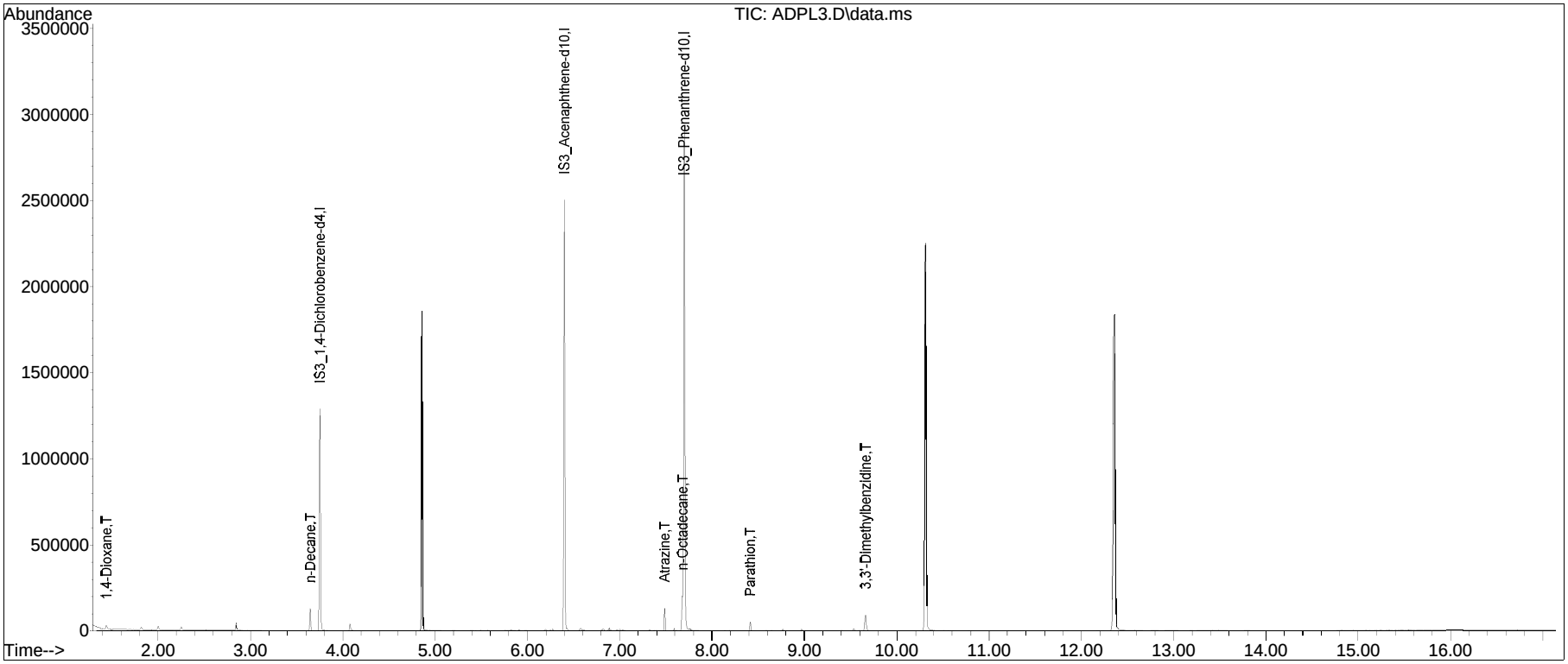
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ADPL3.D
Acq On : 29 Aug 2025 06:05 pm
Operator : SV134:mrg
Sample : IL28,32,,ADPL3 Lot# 11960
Misc : WG2110324
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Aug 30 06:48:24 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

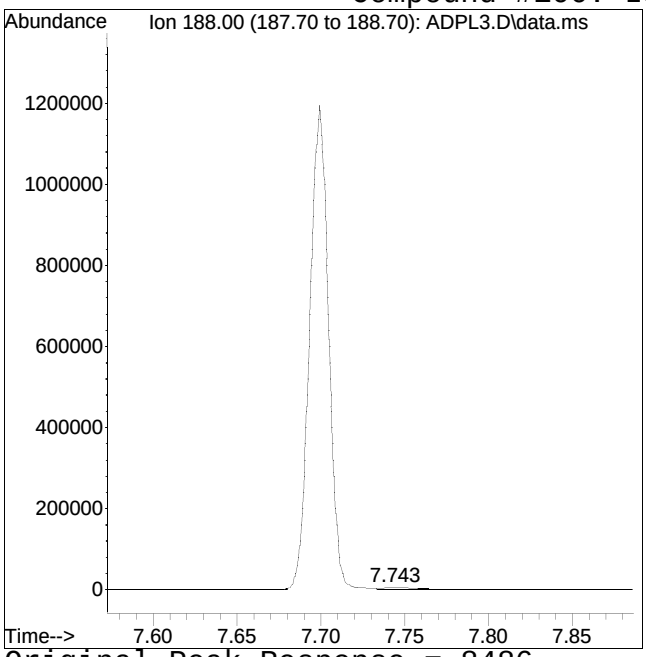
Sub List : ADPical_REV2 - ADP sublistAL\AP9L7a.D•

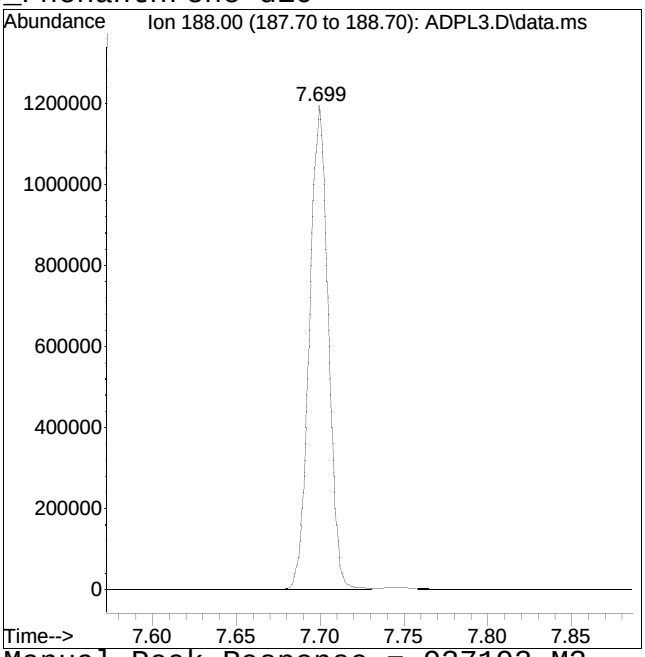


Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : ADPL3.D Operator : SV134:mrg
Date Inj'd : 8/29/2025 6:05 pm Instrument : SV134
Sample : IL28,32,,ADPL3 Lot# 11960 Quant Date : 8/30/2025 6:16 am

Compound #100: IS3_Phenanthrene-d10





Original Peak Response = 8486 Manual Peak Response = 937193 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ADPL2.D
Acq On : 29 Aug 2025 06:26 pm
Operator : SV134:mrg
Sample : IL29,32,,ADPL2 Lot# 11961
Misc : WG2110324
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 30 06:43:48 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.752	152	178739	40.000	ug/ml	0.00
Standard Area 2 = 177472			Recovery = 100.71%			
86) IS3_Acenaphthene-d10	6.400	164	441048	40.000	ug/ml	0.00
Standard Area 2 = 375394			Recovery = 117.49%			
100) IS3_Phenanthrene-d10	7.699	188	972719	40.000	ug/ml	0.00
Standard Area 2 = 758948			Recovery = 128.17%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.440	88	4595	2.312	ug/ml#	79
34) n-Decane	3.650	57	15951	2.526	ug/ml#	82
87) Atrazine	7.491	200	8340	1.789	ug/ml	99
101) n-Octadecane	7.681	57	24779	2.214	ug/ml#	75
102) Parathion	8.414	109	2835	3.692	ug/ml	95
103) 3,3'-Dimethylbenzidine	9.664	212	21529	1.839	ug/ml	98

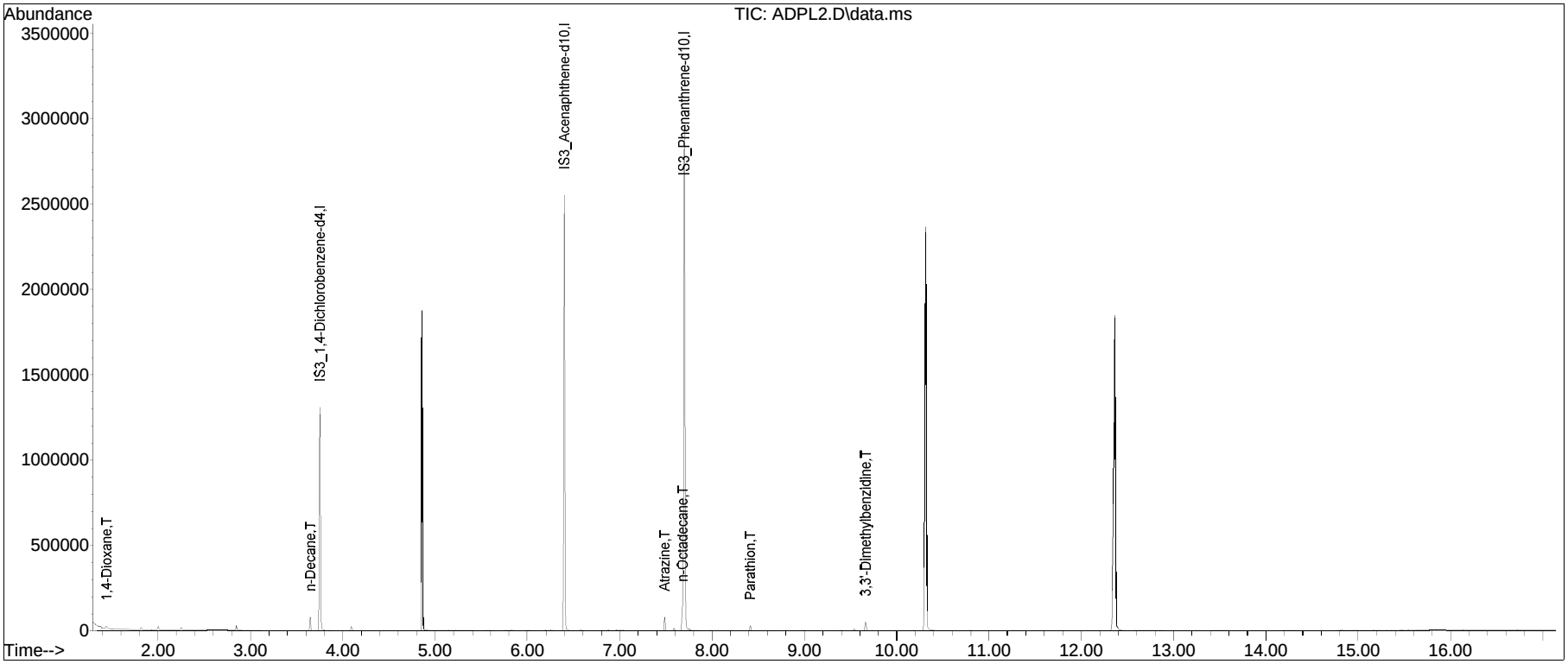
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ADPL2.D
Acq On : 29 Aug 2025 06:26 pm
Operator : SV134:mrg
Sample : IL29,32,,ADPL2 Lot# 11961
Misc : WG2110324
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Aug 30 06:43:48 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistAL\AP9L7a.D•



Manual Integration Report

Data Path	: I:\8270\SV134\250829ICAL\	QMethod	: FS250829SV134.m
Data File	: ADPL2.D	Operator	: SV134:mrg
Date Inj'd	: 8/29/2025 6:26 pm	Instrument	: SV134
Sample	: IL29,32,,ADPL2 Lot# 11961	Quant Date	: 8/30/2025 6:16 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ADPL1.D
Acq On : 29 Aug 2025 06:47 pm
Operator : SV134:mrg
Sample : IL30,32,,ADPL0.5 Lot# 11962
Misc : WG2110324
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 03 16:09:07 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.752	152	175913	40.000	ug/ml	0.00
Standard Area 2 = 177472			Recovery = 99.12%			
86) IS3_Acenaphthene-d10	6.400	164	428045	40.000	ug/ml	0.00
Standard Area 2 = 375394			Recovery = 114.03%			
100) IS3_Phenanthrene-d10	7.699	188	928155	40.000	ug/ml	0.00
Standard Area 2 = 758948			Recovery = 122.29%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.439	88	845M7	0.432	ug/ml	
34) n-Decane	3.649	57	3038	0.489	ug/ml	90
87) Atrazine	7.491	200	1493	0.330	ug/ml	94
101) n-Octadecane	7.681	57	4317	0.404	ug/ml#	82
102) Parathion	8.411	109	579	3.013	ug/ml#	76
103) 3,3'-Dimethylbenzidine	0.000		0	N.D.	d	

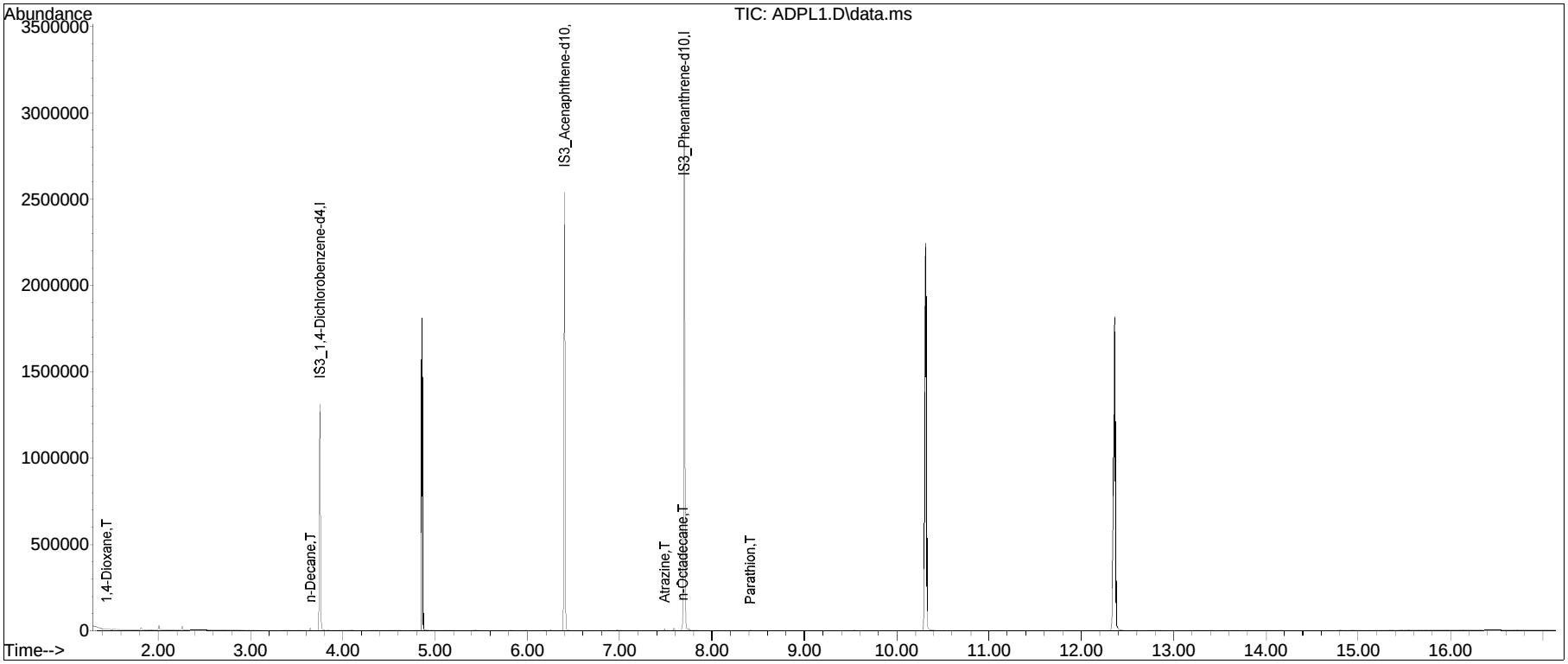
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ADPL1.D
Acq On : 29 Aug 2025 06:47 pm
Operator : SV134:mrg
Sample : IL30,32,,ADPL0.5 Lot# 11962
Misc : WG2110324
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Sep 03 16:09:07 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:14:23 2025
Response via : Initial Calibration

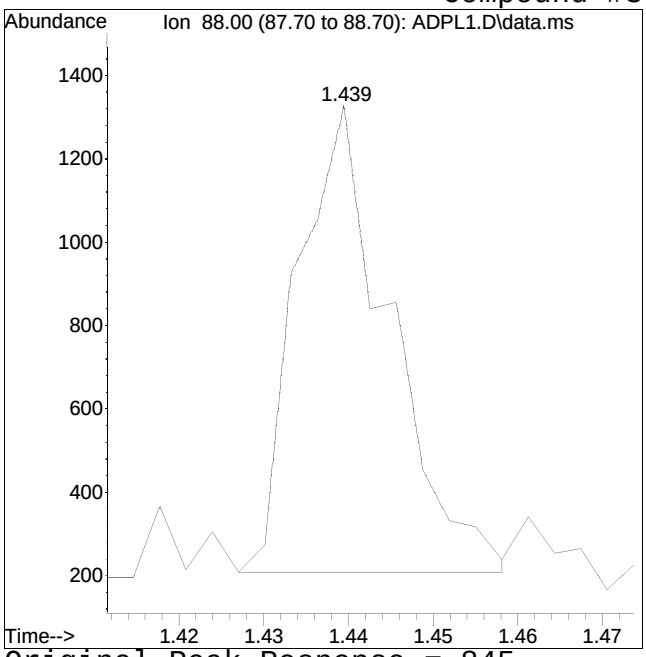
Sub List : ADPical_REV2 - ADP sublistAL\AP9L7a.D•



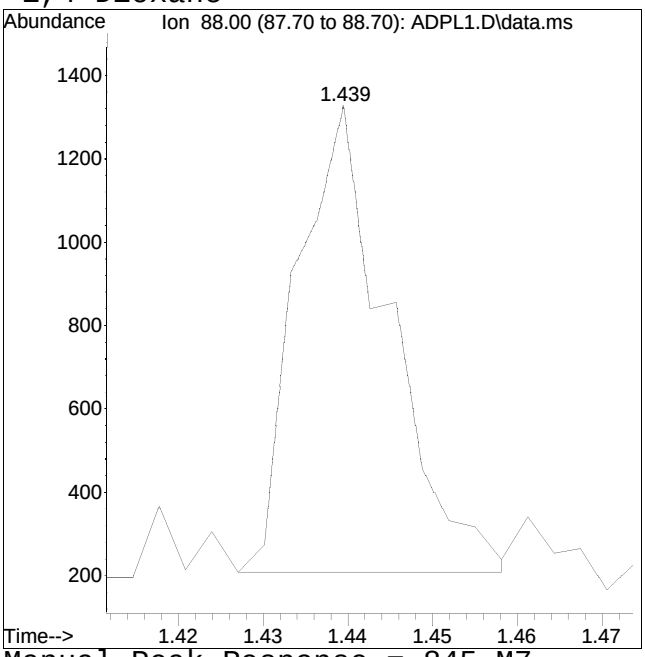
Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : ADPL1.D Operator : SV134:mrg
Date Inj'd : 8/29/2025 6:47 pm Instrument : SV134
Sample : IL30,32,,ADPL0.5 Lot# 1196 Quant Date : 8/30/2025 6:16 am

Compound #33: 1,4-Dioxane



Original Peak Response = 845



Manual Peak Response = 845 M7

M7 = A qualifier ion was manually integrated (only for GC/MS data).

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV134\250829ICAL\
Data File : ADPICV.D
Acq On : 29 Aug 2025 07:08 pm
Operator : SV134:mrg
Sample : CQICV3,32,,ADPICV Lot# 11811
Misc : WG2110324
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 30 06:51:46 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:50:24 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
32	I	IS3_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
33	T	1,4-Dioxane	0.487	0.424	12.9	83	0.00
34	T	n-Decane	1.754	1.571	10.4	83	0.00
86	I	IS3_Acenaphthene-d10	1.000	1.000	0.0	116	0.00
87	T	Atrazine	0.434	0.416	4.1	104	0.00
100	I	IS3_Phenanthrene-d10	1.000	1.000	0.0	122	0.00
101	T	n-Octadecane	0.544	0.529	2.8	102	0.00
102	T	Parathion	* 50.000	35.988	28.0#	93	0.00
103	T	3,3'-Dimethylbenzidine	0.884	0.805	8.9	103	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ADPICV.D
Acq On : 29 Aug 2025 07:08 pm
Operator : SV134:mrg
Sample : CQICV3,32,,ADPICV Lot# 11811
Misc : WG2110324
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 30 06:51:46 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:50:24 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.752	152	179419	40.000	ug/ml	0.00
Standard Area 2 = 177472			Recovery = 101.10%			
86) IS3_Acenaphthene-d10	6.400	164	434781	40.000	ug/ml	0.00
Standard Area 2 = 375394			Recovery = 115.82%			
100) IS3_Phenanthrene-d10	7.702	188	924093	40.000	ug/ml	0.00
Standard Area 2 = 758948			Recovery = 121.76%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.433	88	95124	43.587	ug/ml#	65
34) n-Decane	3.649	57	352394	44.800	ug/ml#	82
87) Atrazine	7.500	200	226197	47.912	ug/ml	96
101) n-Octadecane	7.684	57	610755	48.573	ug/ml#	76
102) Parathion	8.417	109	94499	35.988	ug/ml	96
103) 3,3'-Dimethylbenzidine	9.670	212	929379	45.498	ug/ml	99

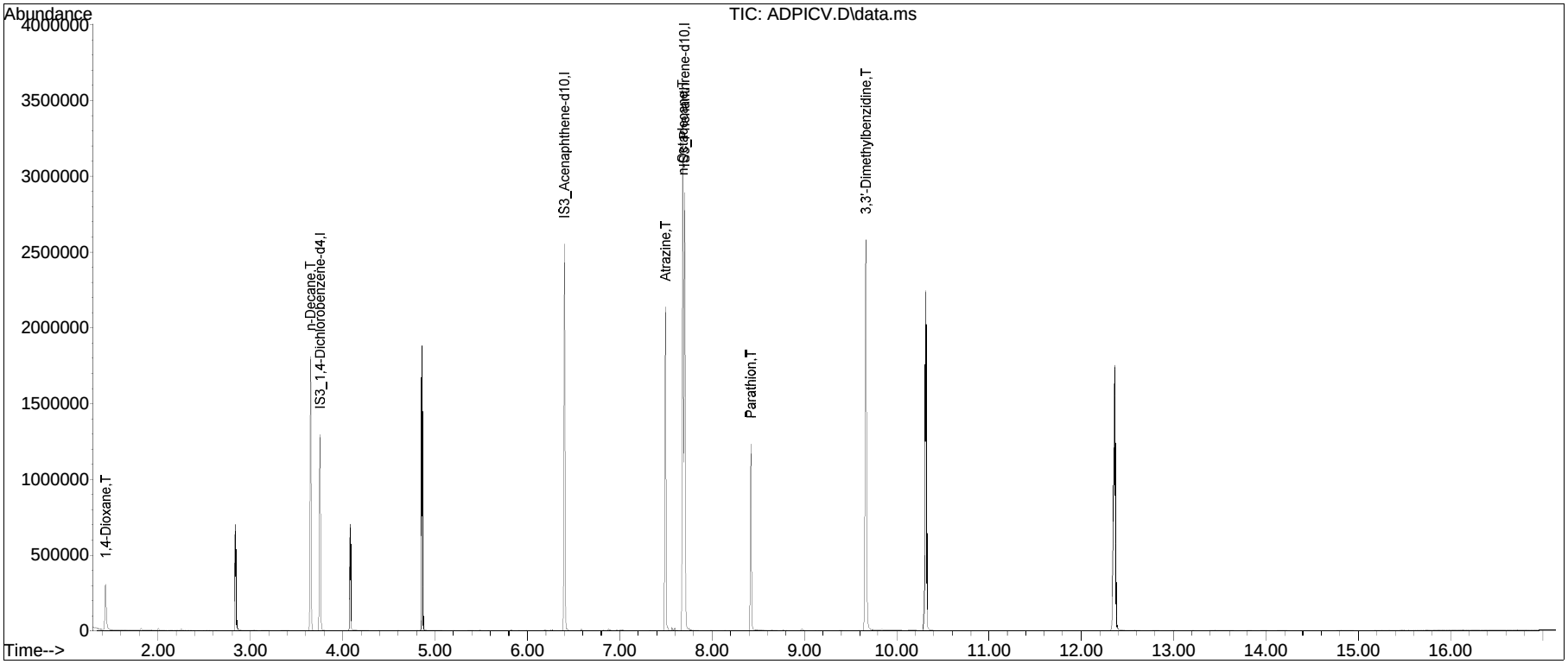
(#) = qualifier out of range (m) = manual integration (+) = signals summed

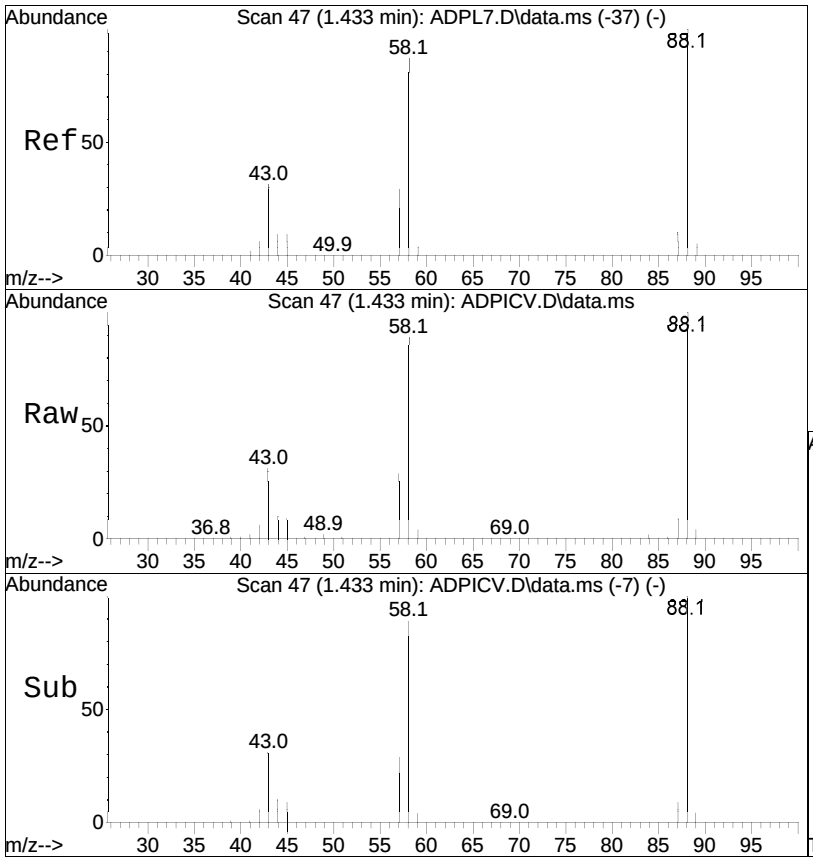
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : ADPICV.D
Acq On : 29 Aug 2025 07:08 pm
Operator : SV134:mrg
Sample : CQICV3,32,,ADPICV Lot# 11811
Misc : WG2110324
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Aug 30 06:51:46 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Aug 30 06:50:24 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistAL\AP9L7a.D•

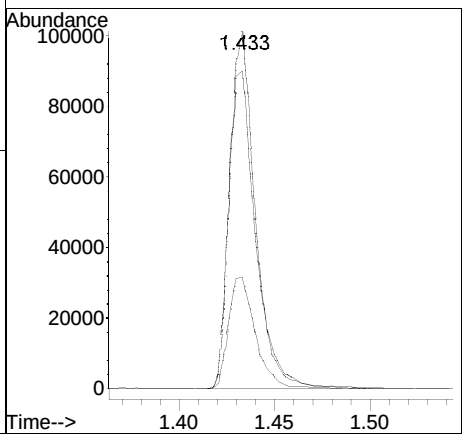


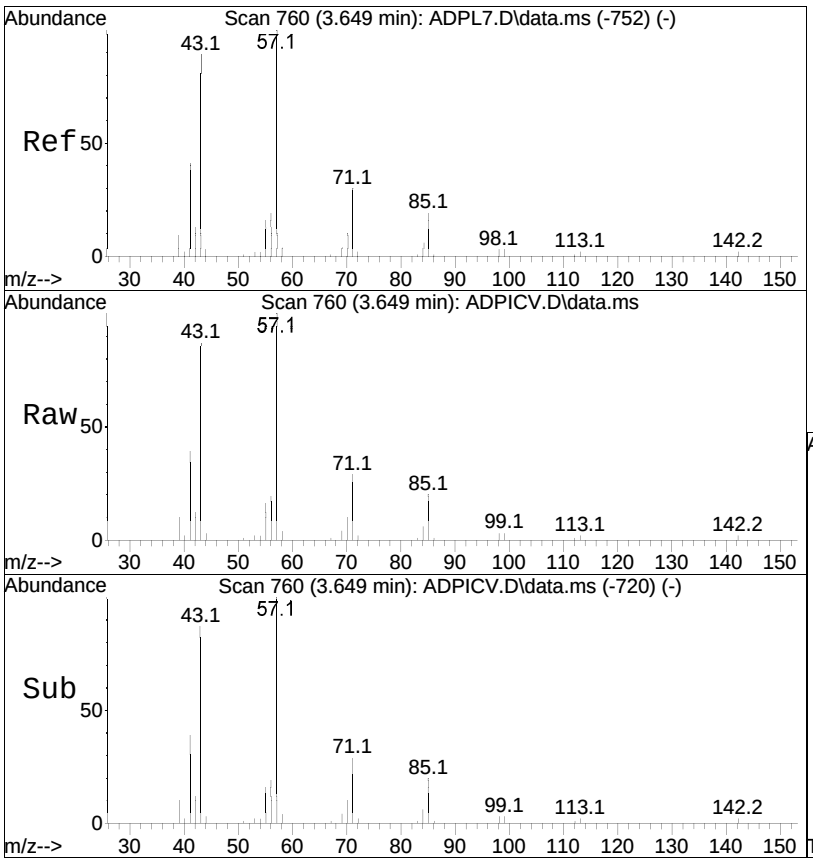


#33
1,4-Dioxane
Concen: 43.59 ug/ml
RT: 1.433 min Scan# 47
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 29 Aug 2025 07:08 pm

Tgt Ion: 88 Resp: 95124

Ion	Ratio	Lower	Upper
88	100		
58	91.0	44.8	67.2#
43	32.7	22.4	33.6

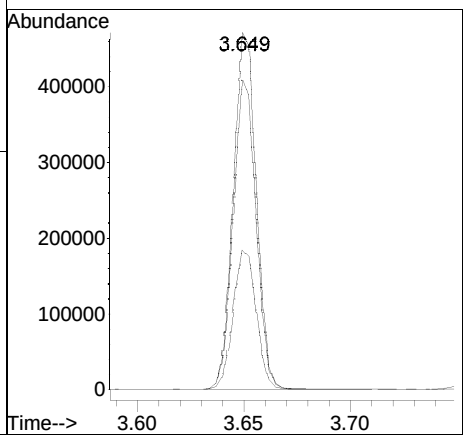


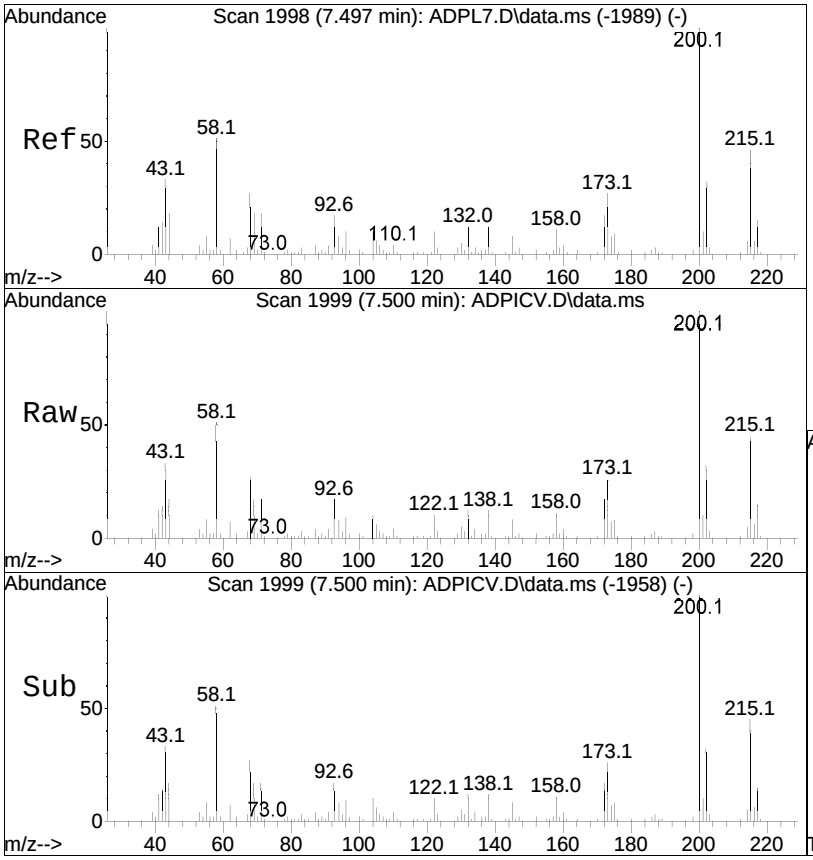


#34
n-Decane
Concen: 44.80 ug/ml
RT: 3.649 min Scan# 760
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 29 Aug 2025 07:08 pm

Tgt Ion: 57 Resp: 352394

Ion	Ratio	Lower	Upper
57	100		
43	86.2	80.7	121.1
41	39.4	45.8	68.8#

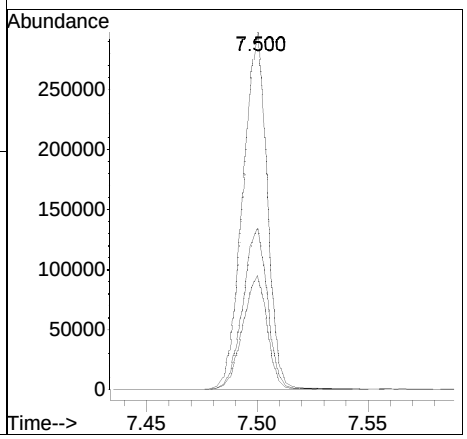


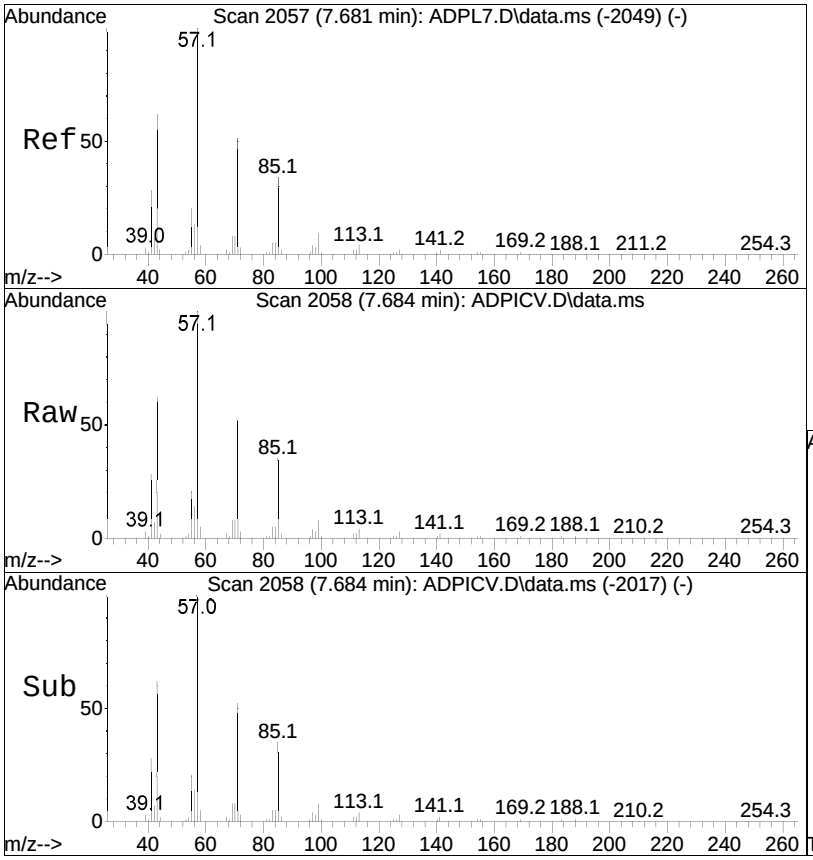


#87
Atrazine
Concen: 47.91 ug/ml
RT: 7.500 min Scan# 1999
Delta R.T. 0.003 min
Lab File: ADPICV.D
Acq: 29 Aug 2025 07:08 pm

Tgt Ion:200 Resp: 226197

Ion	Ratio	Lower	Upper
200	100		
202	32.1	26.6	40.0
215	45.6	34.1	51.1

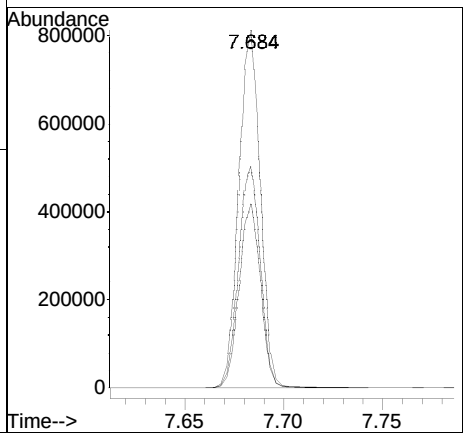


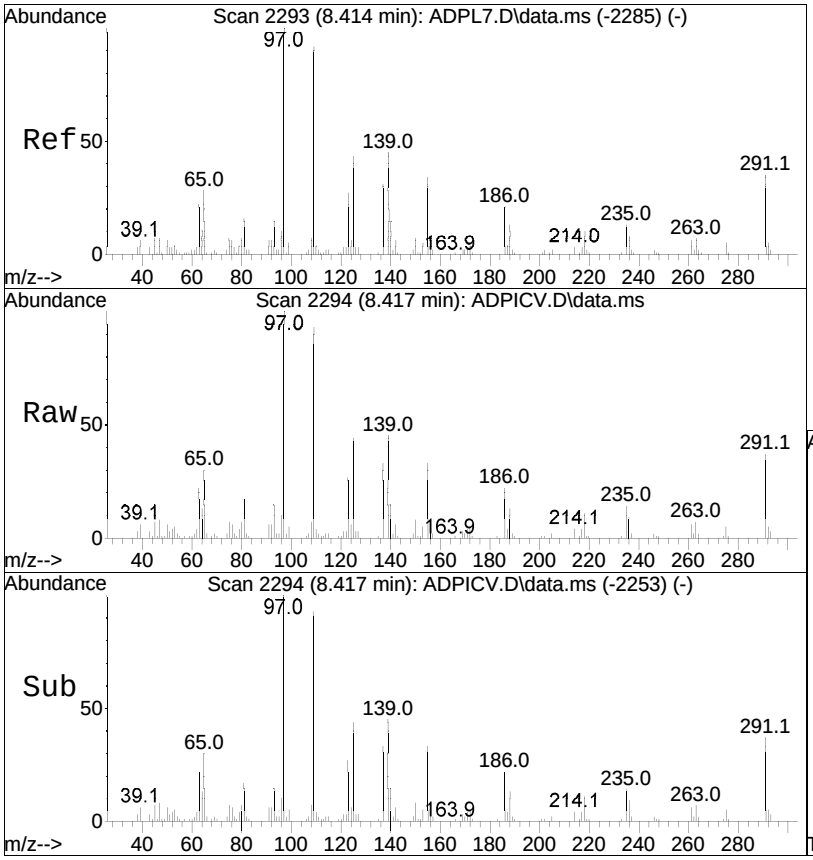


#101
n-Octadecane
Concen: 48.57 ug/ml
RT: 7.684 min Scan# 2058
Delta R.T. 0.003 min
Lab File: ADPICV.D
Acq: 29 Aug 2025 07:08 pm

Tgt Ion: 57 Resp: 610755

Ion	Ratio	Lower	Upper
57	100		
43	62.6	63.4	95.0#
71	51.2	61.4	92.0#

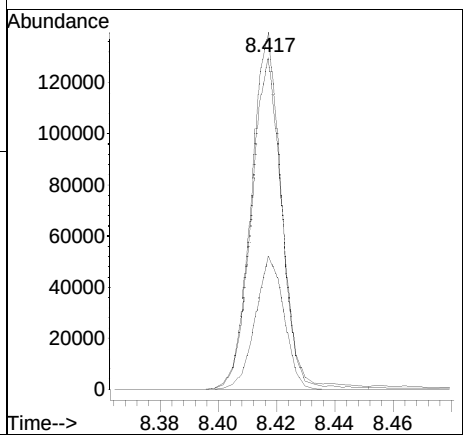


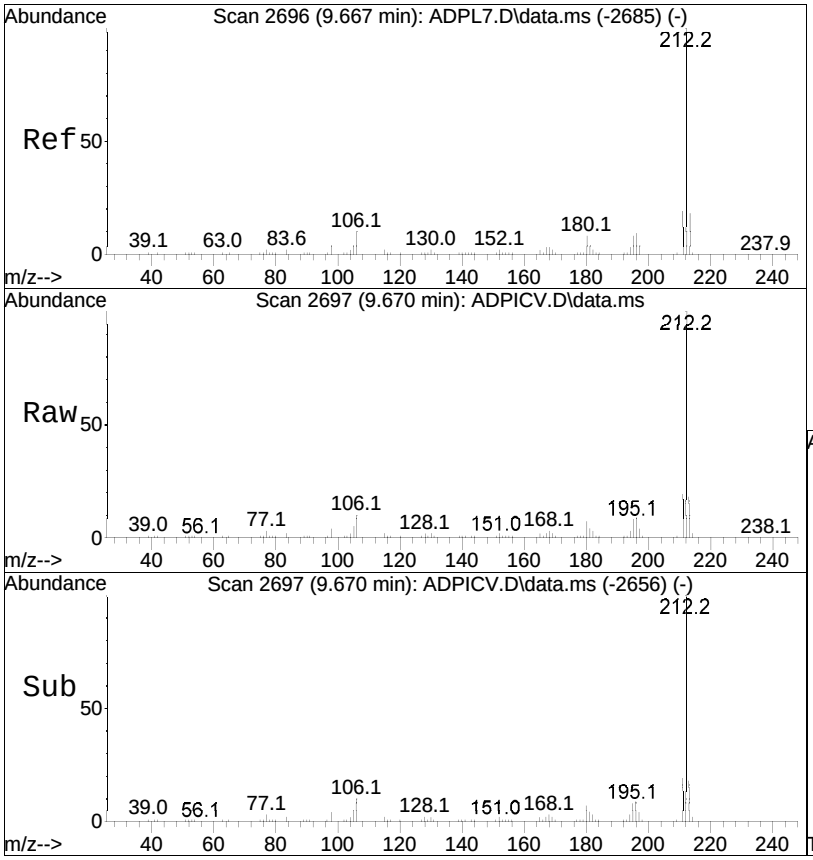


#102
Parathion
Concen: 35.99 ug/ml
RT: 8.417 min Scan# 2294
Delta R.T. 0.003 min
Lab File: ADPICV.D
Acq: 29 Aug 2025 07:08 pm

Tgt Ion:109 Resp: 94499

Ion	Ratio	Lower	Upper
109	100		
97	105.3	88.0	132.0
291	37.6	31.6	47.4

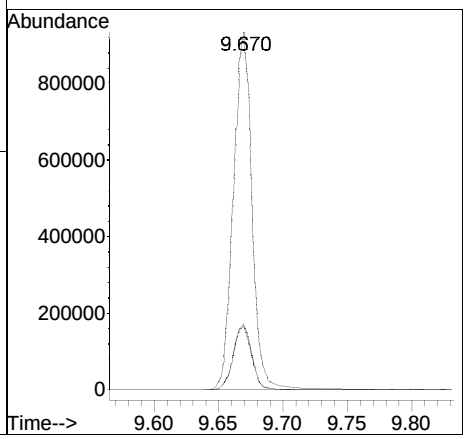




#103
3,3'-Dimethylbenzidine
Concen: 45.50 ug/ml
RT: 9.670 min Scan# 2697
Delta R.T. 0.003 min
Lab File: ADPICV.D
Acq: 29 Aug 2025 07:08 pm

Tgt Ion:212 Resp: 929379

Ion	Ratio	Lower	Upper
212	100		
211	18.1	14.2	21.4
213	18.0	14.0	21.0



Manual Integration Report

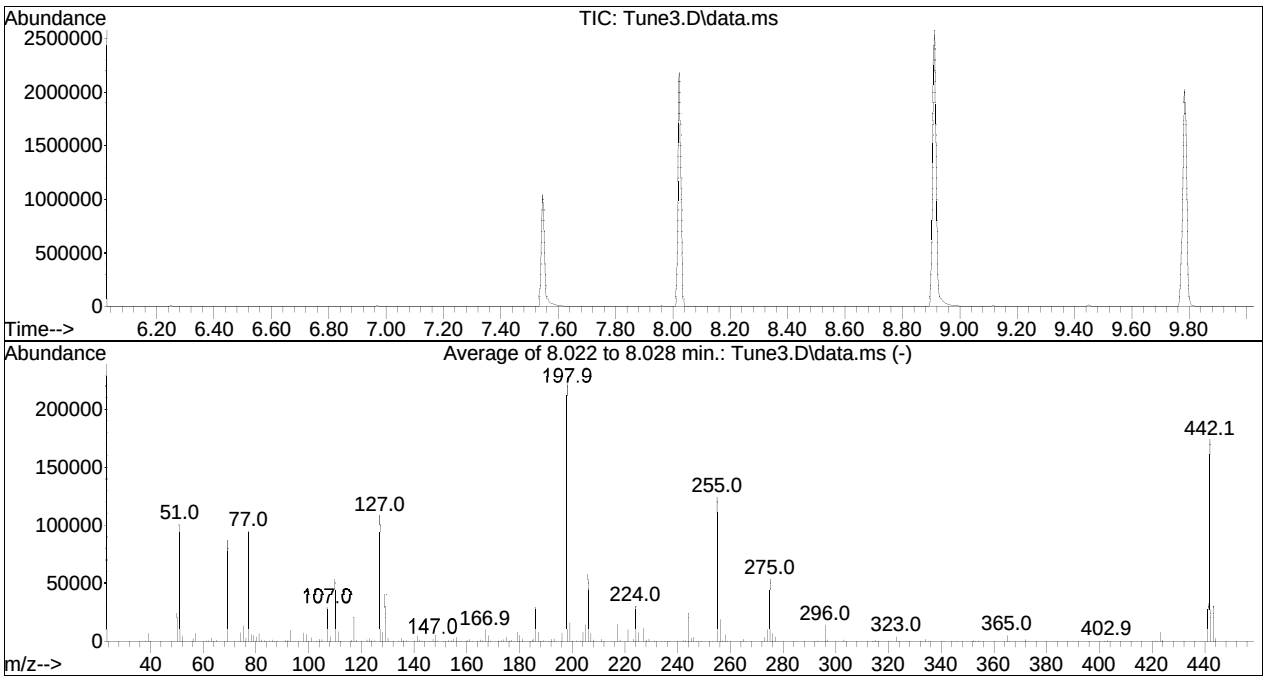
Data Path	: I:\8270\SV134\250829ICAL\	QMethod	: FS250829SV134.m
Data File	: ADPICV.D	Operator	: SV134:mrg
Date Inj'd	: 8/29/2025 7:08 pm	Instrument	: SV134
Sample	: CQICV3,32,,ADPICV Lot# 118	Quant Date	: 8/30/2025 6:52 am

There are no manual integrations or false positives in this file.

Data Path : I:\8270\SV134\250829ICAL\
Data File : Tune3.D
Acq On : 03 Sep 2025 03:32 am
Operator : SV134:mrg
Sample : Tune Lot#11857
Misc : WG2110324
ALS Vial : 48 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Sep 03 16:24:42 2025



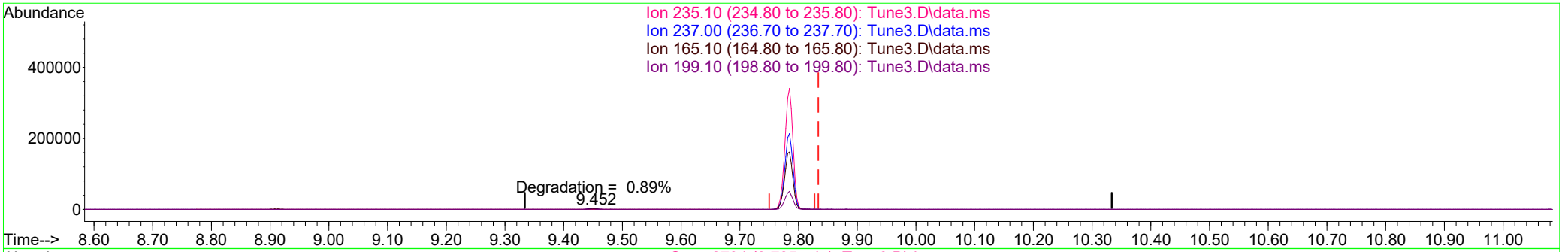
Spectrum Information: Average of 8.022 to 8.028 min.

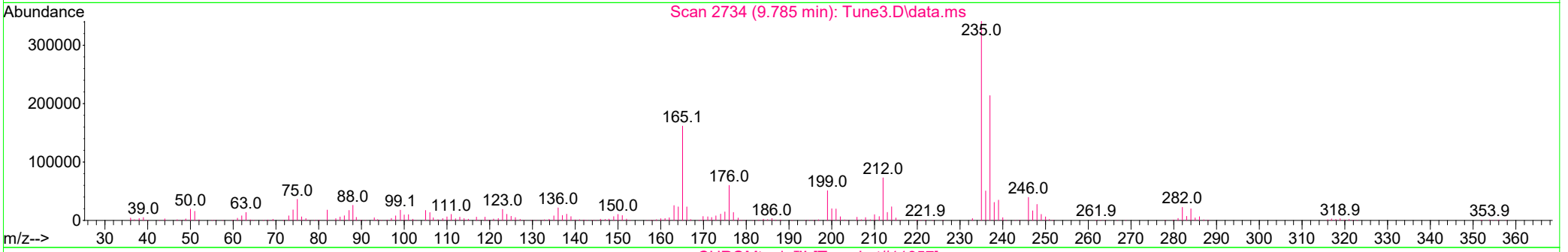
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	44.3	100717	PASS
68	69	0.00	2	0.0	0	PASS
69	69	100	100	100.0	87120	PASS
70	69	0.00	2	0.5	450	PASS
127	198	10	80	47.7	108339	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	227243	PASS
199	198	5	9	6.8	15508	PASS
275	198	10	60	23.6	53715	PASS
365	198	1	100	2.4	5412	PASS
441	442	0.01	24	18.9	32781	PASS
442	198	50	100	76.4	173632	PASS
443	442	15	24	17.9	31032	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\SV134\250829ICAL\
Data File : Tune3.D
Acq On : 03 Sep 2025 03:32 am
Operator : SV134:mrg
Sample : Tune Lot#11857
Misc : WG2110324
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Sep 03 14:46:05 2025
Quant Method : I:\8270\SV134\250829ICAL\DftppSV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Jul 30 09:23:02 2025
Response via : Initial Calibration





CHROMtools™ [Tune Lot#11857]

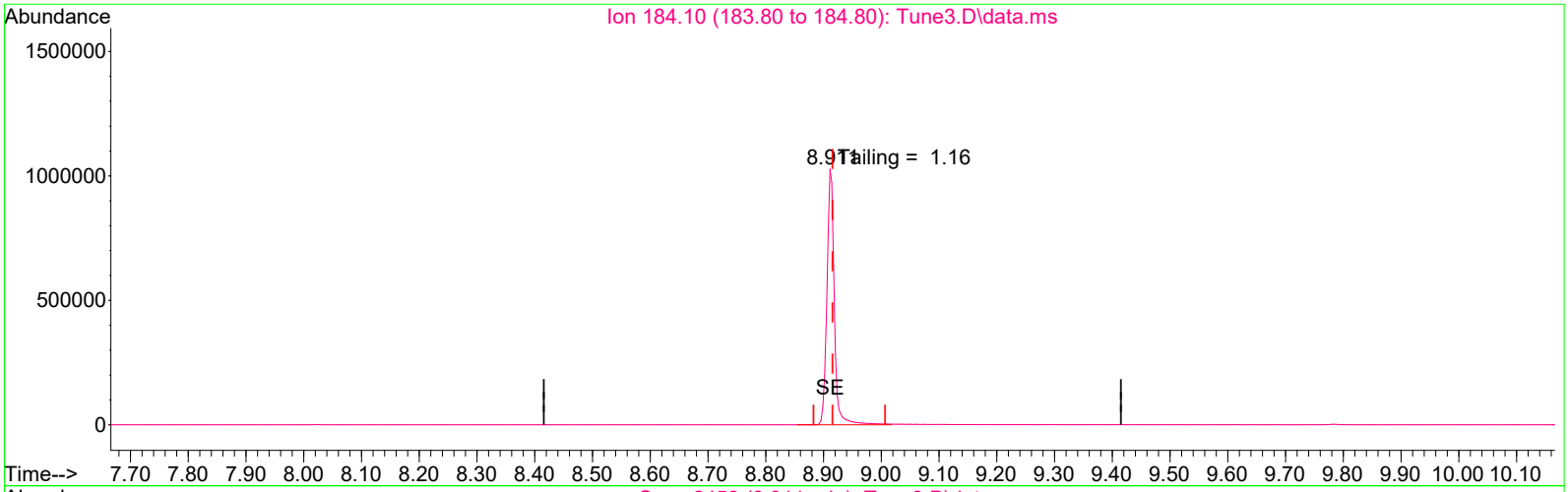
(6) DDT (T)
9.785min (-0.049) 53.43
response 325678

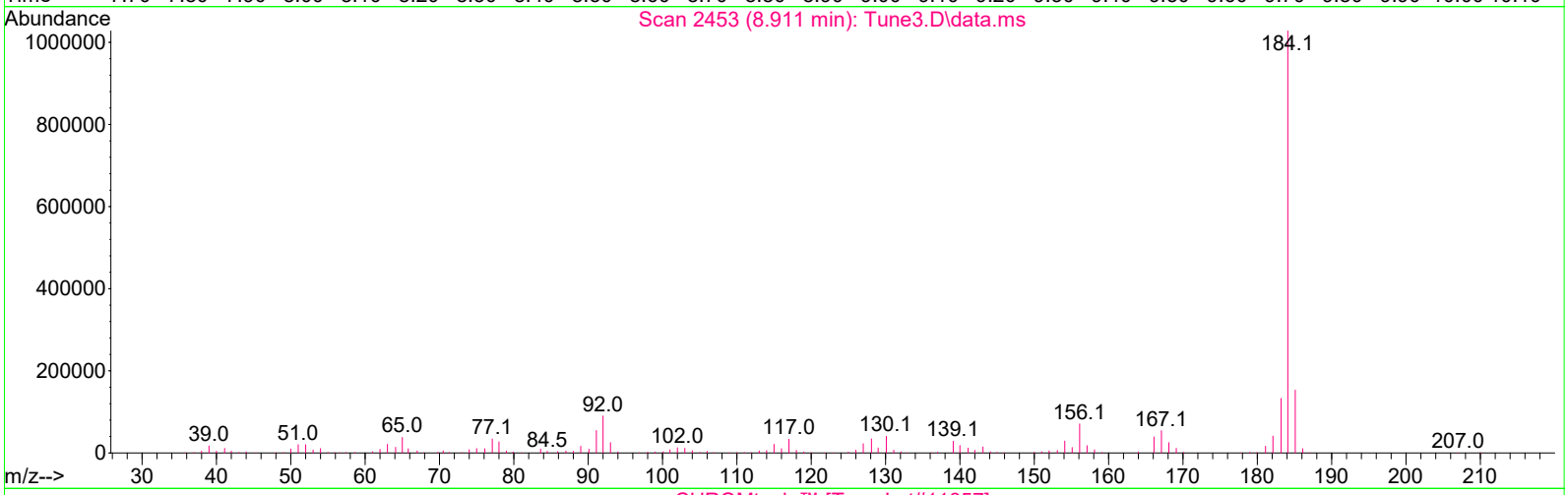
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	64.50	63.67
165.10	49.70	48.67
199.10	13.50	15.17

Quantitation Report (Qedit)

Data Path : I:\8270\SV134\250829ICAL\
Data File : Tune3.D
Acq On : 03 Sep 2025 03:32 am
Operator : SV134:mrg
Sample : Tune Lot#11857
Misc : WG2110324I
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Sep 03 14:46:05 2025
Quant Method : I:\8270\SV134\250829ICAL\DftppSV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Jul 30 09:23:02 2025
Response via : Initial Calibration





CHROMtools™ [Tune Lot#11857]

(3) Benzidine (T)

8.911min (-0.005) 89.28

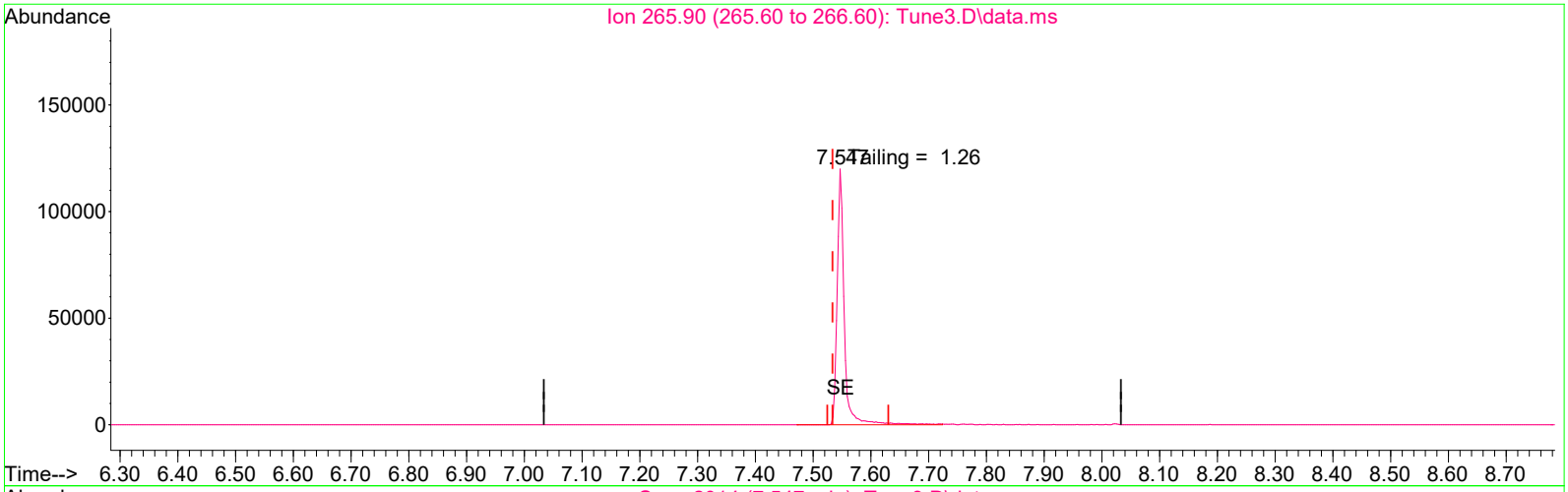
response 908862

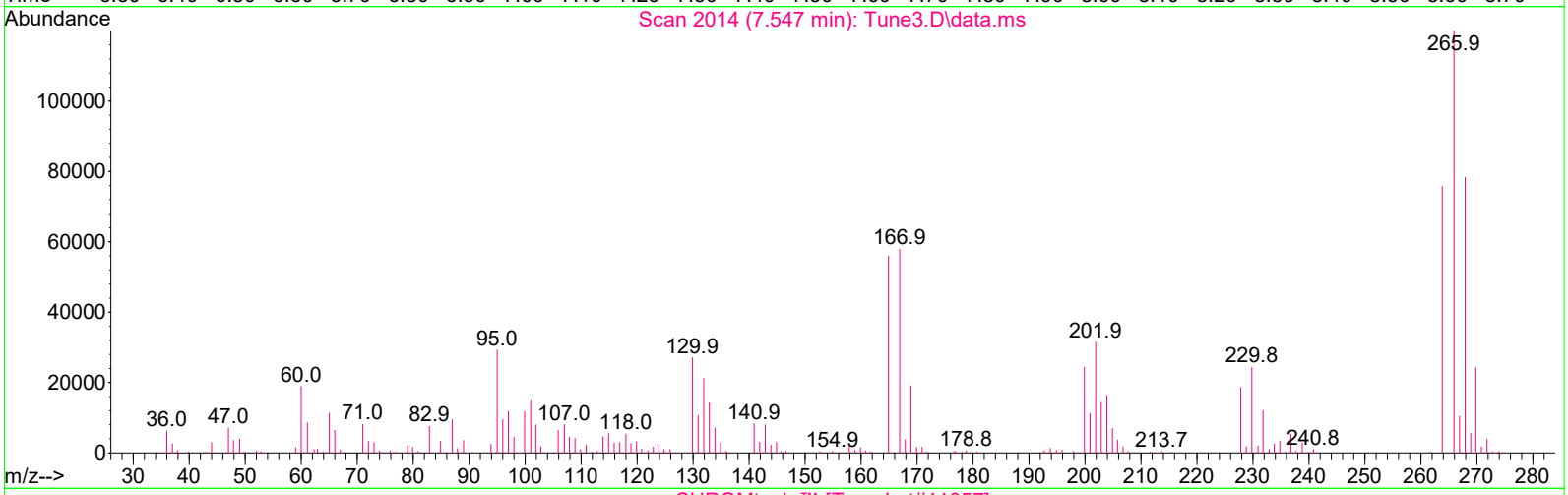
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\SV134\250829ICAL\
Data File : Tune3.D
Acq On : 03 Sep 2025 03:32 am
Operator : SV134:mrg
Sample : Tune Lot#11857
Misc : WG2110324I
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Sep 03 14:46:05 2025
Quant Method : I:\8270\SV134\250829ICAL\DftppSV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Jul 30 09:23:02 2025
Response via : Initial Calibration





CHROMtools™ [Tune Lot#11857]

(1) Pentachlorophenol (T)

7.547min (+ 0.013) 47.64

response 100060

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : AP9L10a.D
Acq On : 03 Sep 2025 03:53 am
Operator : SV134:mrg
Sample : IL20,32,,AP9L1 Lot# 11976
Misc : WG2110324
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 03 14:18:40 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 14:18:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
27) IS2_1,4-Dichlorobenzen...	3.752	152	213156	40.000	ug/ml		0.00
Standard Area 3 = 179151			Recovery	= 118.98%			
55) IS2_Naphthalene-d8	4.858	136	865687	40.000	ug/ml		0.00
Standard Area 3 = 709349			Recovery	= 122.04%			
83) IS2_Acenaphthene-d10	6.400	164	497082	40.000	ug/ml		0.00
Standard Area 3 = 413189			Recovery	= 120.30%			
98) IS2_Phenanthrene-d10	7.702	188	1045114	40.000	ug/ml	#	0.00
Standard Area 3 = 864682			Recovery	= 120.87%			
System Monitoring Compounds							
Target Compounds							Qvalue
28) Benzaldehyde	3.373	105	722614	263.767	ug/ml		100
29) Acetophenone	4.112	105	2120142	218.941	ug/ml	#	85
30) m-Toluidine	4.187	106	1570673	272.848	ug/ml		98
31) 2-Chloroaniline	4.507	127	1857298	211.406	ug/ml	#	95
56) a-Terpineol	4.921	59	1355570	200.220	ug/ml	#	76
57) 3-Chloroaniline	4.930	65	585697	216.507	ug/ml		73
58) 2,6-Dichlorophenol	4.958	162	1130922	189.513	ug/ml		98
59) 1-chloro-2-nitrobenzene	5.185	111	555386	228.554	ug/ml		93
60) Caprolactam	5.256	55	833521	224.545	ug/ml	#	59
61) 1,2,4,5-Tetrachloroben...	5.648	216	1617443	194.483	ug/ml		99
62) Biphenyl	5.912	154	3639459	188.505	ug/ml		100
84) Dichloran	7.438	206	437622	206.185	ug/ml	#	74
85) Pentachloronitrobenzene	7.569	237	411774	228.872	ug/ml	#	79
99) Diphenamid	8.535	167	2777312	207.160	ug/ml	#	71

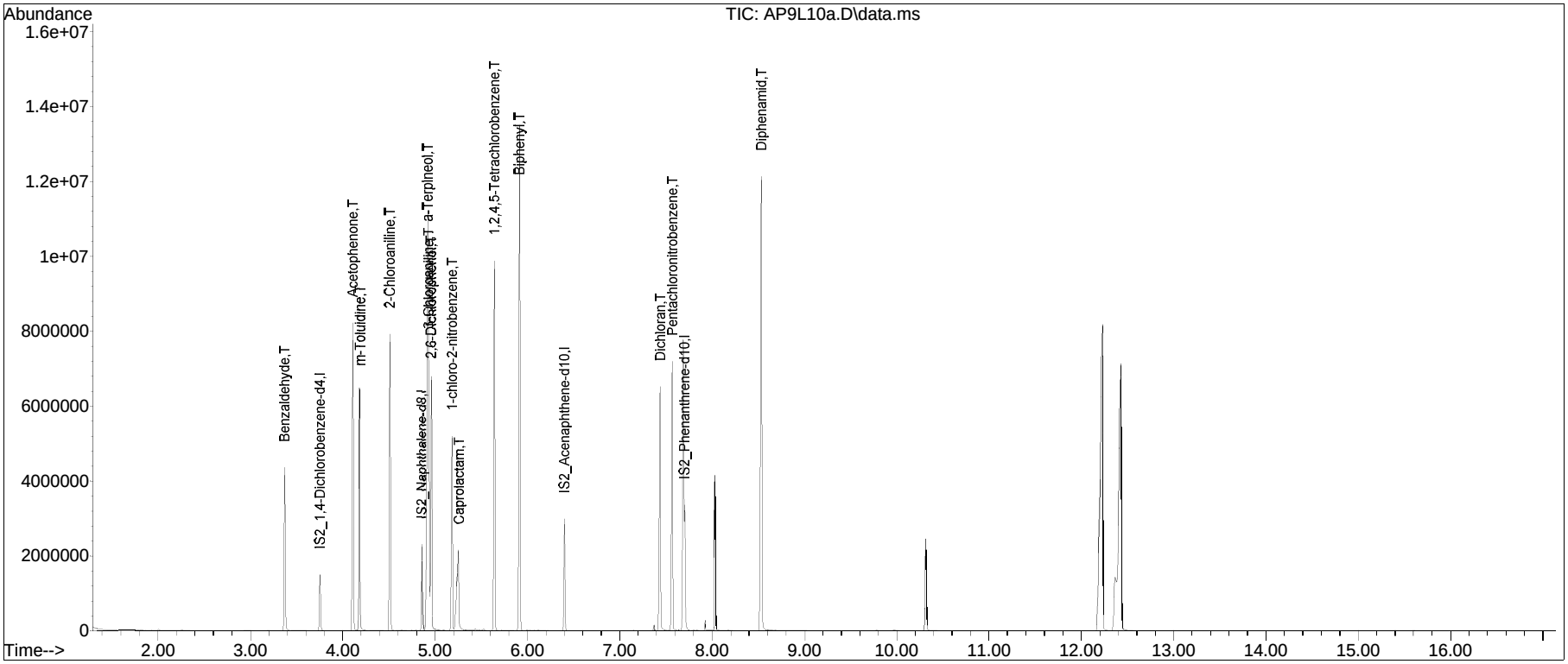
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : AP9L10a.D
Acq On : 03 Sep 2025 03:53 am
Operator : SV134:mrg
Sample : IL20,32,,AP9L1 Lot# 11976
Misc : WG2110324
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 03 14:18:40 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 14:18:00 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistAL\AP9L7a.D•



Manual Integration Report

Data Path	: I:\8270\SV134\250829ICAL\	QMethod	: FS250829SV134.m
Data File	: AP9L10a.D	Operator	: SV134:mrg
Date Inj'd	: 9/3/2025 3:53 am	Instrument	: SV134
Sample	: IL20,32,,AP9L1 Lot# 11976	Quant Date	: 9/3/2025 2:18 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : AP9L9a.D
Acq On : 03 Sep 2025 04:14 am
Operator : SV134:mrg
Sample : IL19,32,,AP9L2 Lot# 11975
Misc : WG2110324
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 03 14:31:30 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 14:18:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.755	152	187399	40.000	ug/ml	0.00
Standard Area 3 = 179151			Recovery = 104.60%			
55) IS2_Naphthalene-d8	4.858	136	751266	40.000	ug/ml	0.00
Standard Area 3 = 709349			Recovery = 105.91%			
83) IS2_Acenaphthene-d10	6.400	164	430549	40.000	ug/ml	0.00
Standard Area 3 = 413189			Recovery = 104.20%			
98) IS2_Phenanthrene-d10	7.702	188	905424M3	40.000	ug/ml	0.00
Standard Area 3 = 864682			Recovery = 104.71%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.373	105	485991	201.777	ug/ml	99
29) Acetophenone	4.112	105	1443819	169.592	ug/ml#	86
30) m-Toluidine	4.184	106	1053428	208.147	ug/ml	98
31) 2-Chloroaniline	4.507	127	1266905	164.025	ug/ml#	96
56) a-Terpineol	4.917	59	956244	162.750	ug/ml#	74
57) 3-Chloroaniline	4.930	65	396823	169.030	ug/ml	72
58) 2,6-Dichlorophenol	4.955	162	796552	153.811	ug/ml	98
59) 1-chloro-2-nitrobenzene	5.182	111	370039	175.472	ug/ml	93
60) Caprolactam	5.244	55	565554	175.561	ug/ml#	59
61) 1,2,4,5-Tetrachloroben...	5.645	216	1110831	153.911	ug/ml	98
62) Biphenyl	5.912	154	2562723	152.952	ug/ml	99
84) Dichloran	7.435	206	284887	155.753	ug/ml#	76
85) Pentachloronitrobenzene	7.566	237	271588	174.281	ug/ml#	79
99) Diphenamid	8.532	167	1908548	164.322	ug/ml#	71

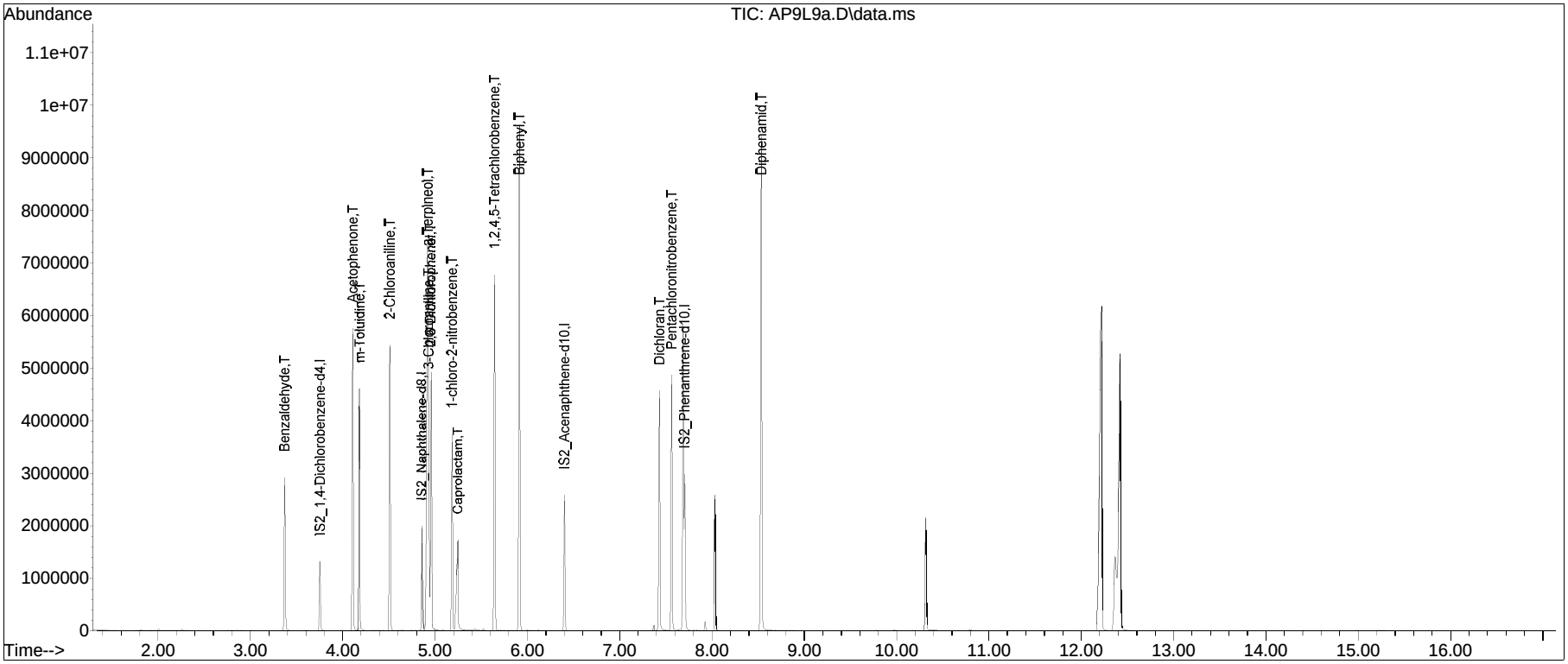
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : AP9L9a.D
Acq On : 03 Sep 2025 04:14 am
Operator : SV134:mrg
Sample : IL19,32,,AP9L2 Lot# 11975
Misc : WG2110324
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 03 14:31:30 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 14:18:00 2025
Response via : Initial Calibration

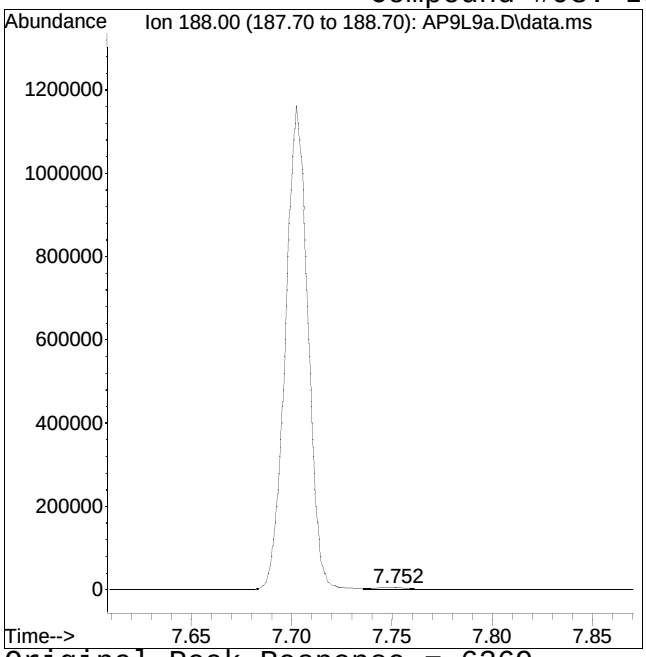
Sub List : AP9ical - AP9 ical sublistAL\AP9L7a.D•

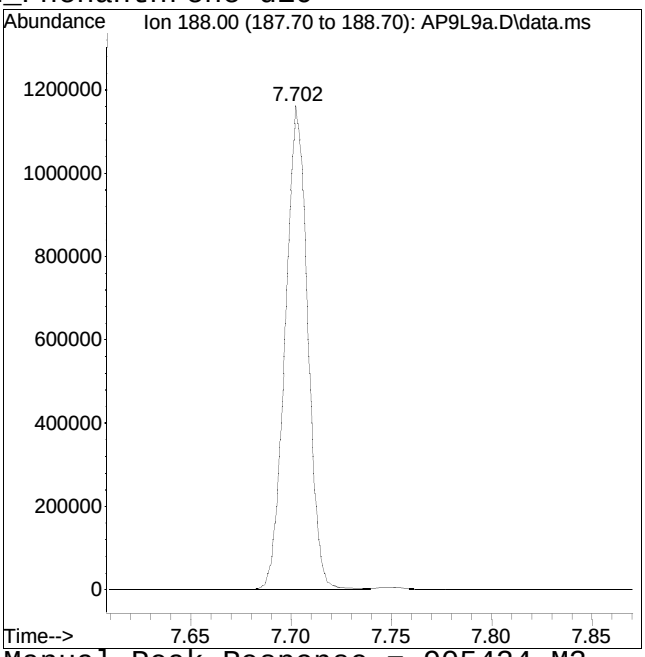


Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : AP9L9a.D Operator : SV134:mrg
Date Inj'd : 9/3/2025 4:14 am Instrument : SV134
Sample : IL19,32,,AP9L2 Lot# 11975 Quant Date : 9/3/2025 2:19 pm

Compound #98: IS2_Phenanthrene-d10





Original Peak Response = 6369 Manual Peak Response = 905424 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : AP9L8a.D
Acq On : 03 Sep 2025 04:35 am
Operator : SV134:mrg
Sample : IL18,32,,AP9L3 Lot# 11974
Misc : WG2110324
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 03 14:30:35 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 14:18:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.755	152	173782	40.000	ug/ml	0.00
Standard Area 3 = 179151			Recovery = 97.00%			
55) IS2_Naphthalene-d8	4.858	136	690307	40.000	ug/ml	0.00
Standard Area 3 = 709349			Recovery = 97.32%			
83) IS2_Acenaphthene-d10	6.400	164	394880	40.000	ug/ml	0.00
Standard Area 3 = 413189			Recovery = 95.57%			
98) IS2_Phenanthrene-d10	7.702	188	825714	40.000	ug/ml #	0.00
Standard Area 3 = 864682			Recovery = 95.49%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.373	105	303010	135.664	ug/ml	98
29) Acetophenone	4.109	105	890329	112.773	ug/ml#	85
30) m-Toluidine	4.184	106	644151	137.251	ug/ml	98
31) 2-Chloroaniline	4.504	127	785387	109.651	ug/ml	96
56) a-Terpineol	4.914	59	594795	110.172	ug/ml#	73
57) 3-Chloroaniline	4.927	65	244242	113.224	ug/ml	76
58) 2,6-Dichlorophenol	4.952	162	485852	102.101	ug/ml	98
59) 1-chloro-2-nitrobenzene	5.179	111	219276	113.163	ug/ml	93
60) Caprolactam	5.235	55	338610	114.395	ug/ml#	58
61) 1,2,4,5-Tetrachloroben...	5.645	216	680625	102.631	ug/ml	98
62) Biphenyl	5.909	154	1611967	104.703	ug/ml	97
84) Dichloran	7.432	206	158919	95.974	ug/ml#	78
85) Pentachloronitrobenzene	7.566	237	157098	109.918	ug/ml#	79
99) Diphenamid	8.529	167	1166696	110.147	ug/ml#	70

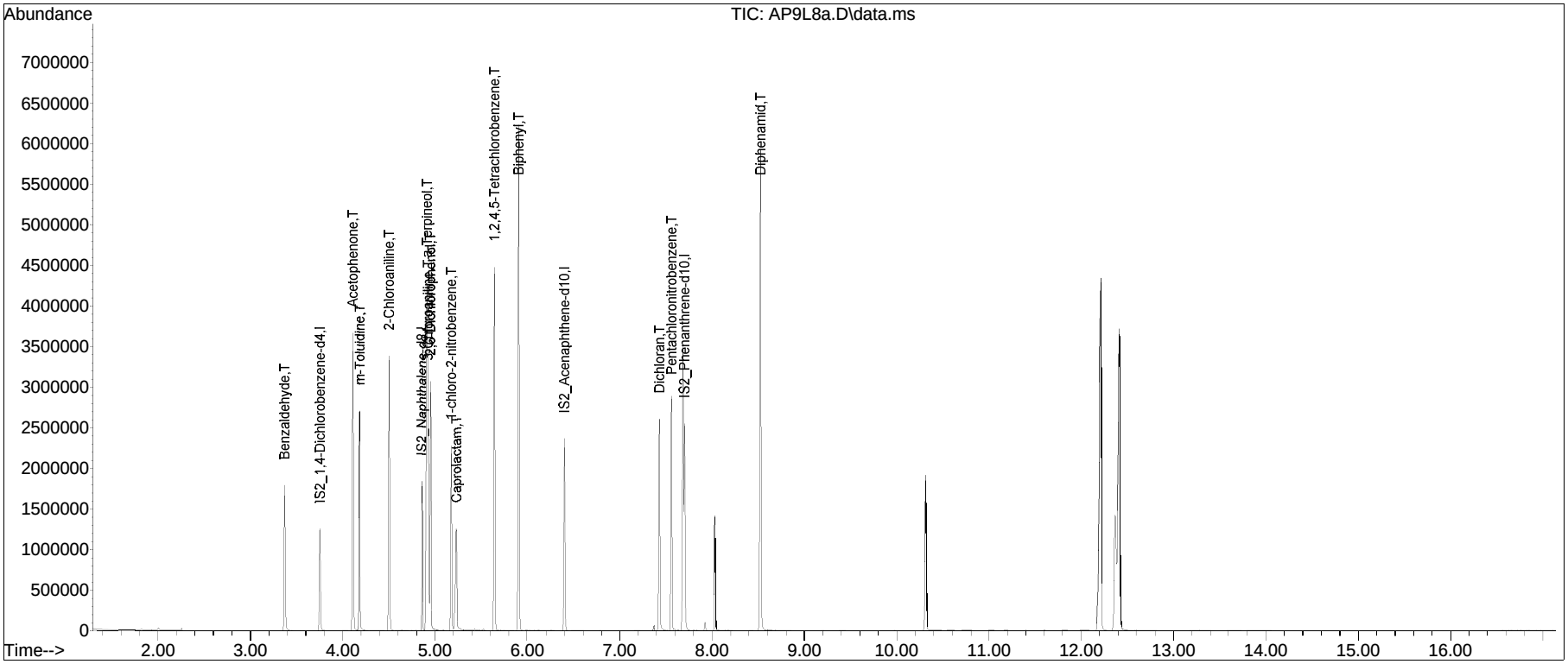
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : AP9L8a.D
Acq On : 03 Sep 2025 04:35 am
Operator : SV134:mrg
Sample : IL18,32,,AP9L3 Lot# 11974
Misc : WG2110324
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 03 14:30:35 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 14:18:00 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistAL\AP9L7a.D•



Manual Integration Report

Data Path	: I:\8270\SV134\250829ICAL\	QMethod	: FS250829SV134.m
Data File	: AP9L8a.D	Operator	: SV134:mrg
Date Inj'd	: 9/3/2025 4:35 am	Instrument	: SV134
Sample	: IL18,32,,AP9L3 Lot# 11974	Quant Date	: 9/3/2025 2:19 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : AP9L7a.D
Acq On : 03 Sep 2025 04:56 am
Operator : SV134:mrg
Sample : IL17,32,,AP9L5 Lot# 11973
Misc : WG2110324
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 03 14:30:14 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 14:18:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.755	152	179151	40.000	ug/ml	0.00
Standard Area 3 = 179151			Recovery = 100.00%			
55) IS2_Naphthalene-d8	4.859	136	709349	40.000	ug/ml	0.00
Standard Area 3 = 709349			Recovery = 100.00%			
83) IS2_Acenaphthene-d10	6.400	164	413189	40.000	ug/ml	0.00
Standard Area 3 = 413189			Recovery = 100.00%			
98) IS2_Phenanthrene-d10	7.702	188	864682M3	40.000	ug/ml	0.00
Standard Area 3 = 864682			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.373	105	150893	65.533	ug/ml	99
29) Acetophenone	4.109	105	453166	55.680	ug/ml#	86
30) m-Toluidine	4.181	106	315809	65.274	ug/ml	99
31) 2-Chloroaniline	4.504	127	401622	54.392	ug/ml	96
56) a-Terpineol	4.911	59	298793	53.859	ug/ml#	74
57) 3-Chloroaniline	4.924	65	127550	57.541	ug/ml	76
58) 2,6-Dichlorophenol	4.949	162	243652	49.828	ug/ml	98
59) 1-chloro-2-nitrobenzene	5.179	111	105423	52.946	ug/ml	93
60) Caprolactam	5.222	55	163336	53.699	ug/ml#	58
61) 1,2,4,5-Tetrachloroben...	5.645	216	349739	51.321	ug/ml	98
62) Biphenyl	5.909	154	845218	53.426	ug/ml	97
84) Dichloran	7.429	206	75601	45.362	ug/ml#	78
85) Pentachloronitrobenzene	7.563	237	74552	49.851	ug/ml#	79
99) Diphenamid	8.526	167	605936M2	54.628	ug/ml	

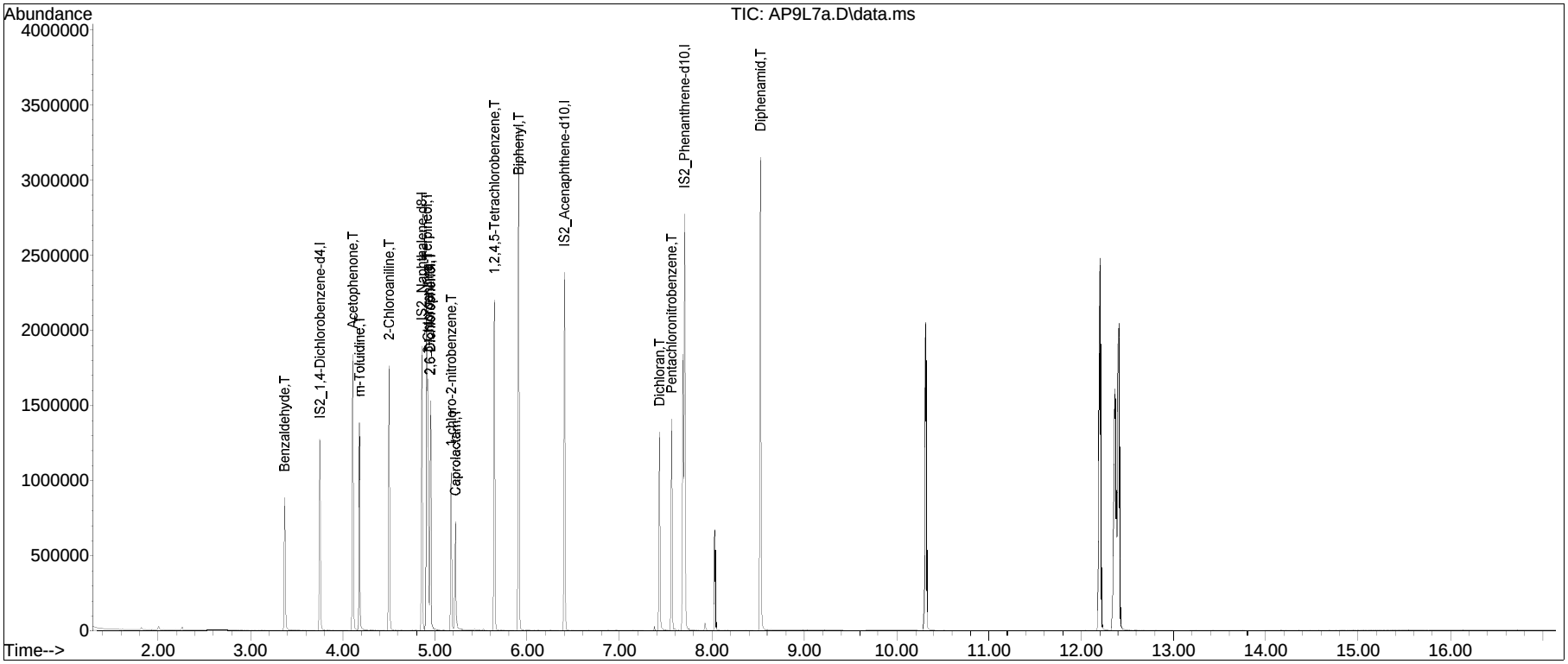
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : AP9L7a.D
Acq On : 03 Sep 2025 04:56 am
Operator : SV134:mrg
Sample : IL17,32,,AP9L5 Lot# 11973
Misc : WG2110324
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 03 14:30:14 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 14:18:00 2025
Response via : Initial Calibration

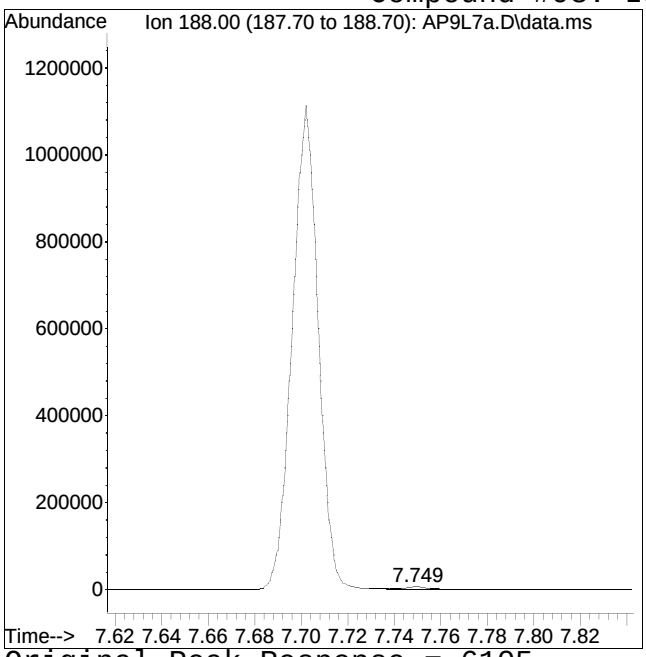
Sub List : AP9ical - AP9 ical sublistAL\AP9L7a.D•

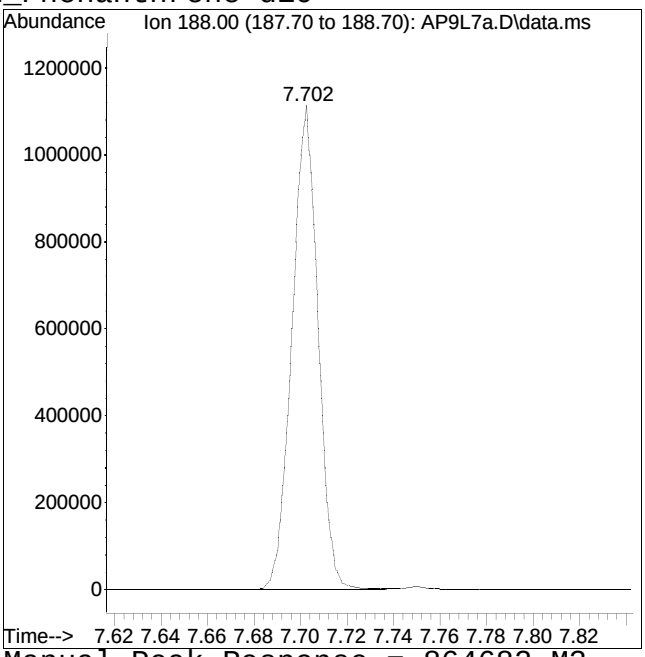


Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : AP9L7a.D Operator : SV134:mrg
Date Inj'd : 9/3/2025 4:56 am Instrument : SV134
Sample : IL17,32,,AP9L5 Lot# 11973 Quant Date : 9/3/2025 2:19 pm

Compound #98: IS2_Phenanthrene-d10



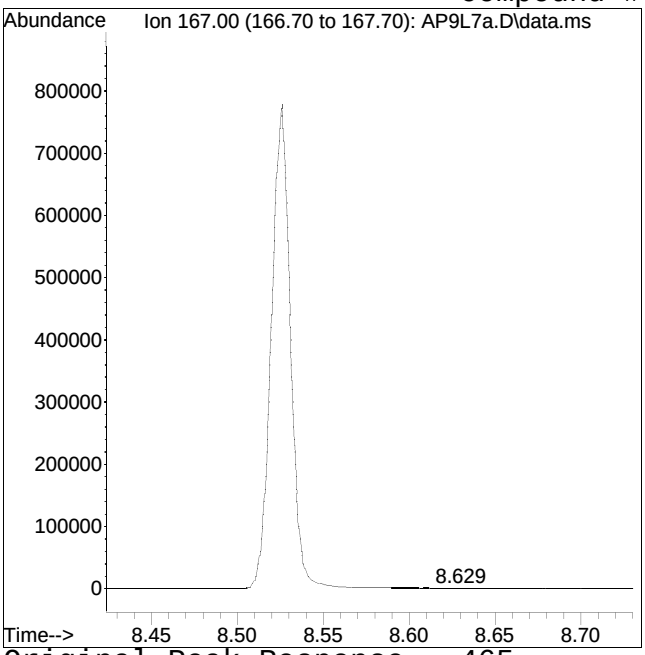


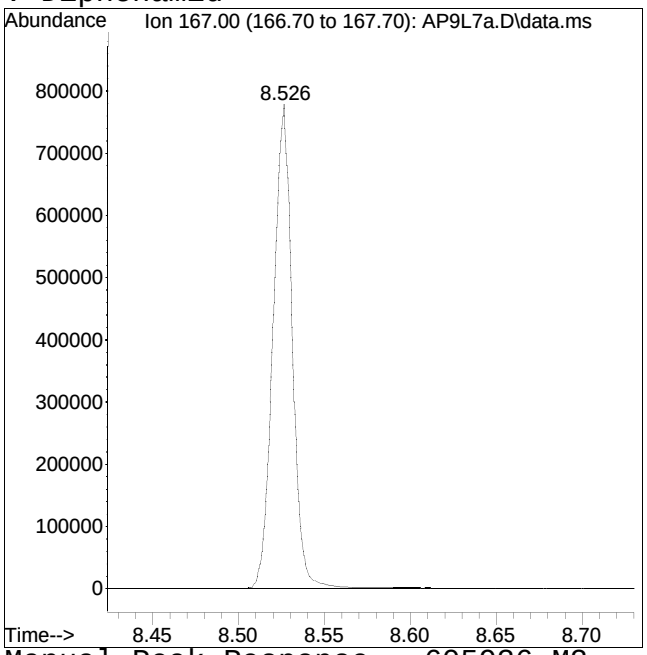
Original Peak Response = 6105 Manual Peak Response = 864682 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : AP9L7a.D Operator : SV134:mrg
Date Inj'd : 9/3/2025 4:56 am Instrument : SV134
Sample : IL17,32,,AP9L5 Lot# 11973 Quant Date : 9/3/2025 2:19 pm

Compound #99: Diphenamid





Original Peak Response = 465 Manual Peak Response = 605936 M2
M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : AP9L6a.D
Acq On : 03 Sep 2025 05:18 am
Operator : SV134:mrg
Sample : IL16,32,,AP9L10 Lot# 11972
Misc : WG2110324
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 03 14:29:30 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 14:18:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.752	152	176680	40.000	ug/ml	0.00
Standard Area 3 = 179151			Recovery = 98.62%			
55) IS2_Naphthalene-d8	4.858	136	708023	40.000	ug/ml	0.00
Standard Area 3 = 709349			Recovery = 99.81%			
83) IS2_Acenaphthene-d10	6.400	164	415781	40.000	ug/ml	0.00
Standard Area 3 = 413189			Recovery = 100.63%			
98) IS2_Phenanthrene-d10	7.702	188	890257M3	40.000	ug/ml	0.00
Standard Area 3 = 864682			Recovery = 102.96%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.373	105	74394	32.761	ug/ml	97
29) Acetophenone	4.109	105	225302	28.070	ug/ml#	86
30) m-Toluidine	4.181	106	158095	33.133	ug/ml	97
31) 2-Chloroaniline	4.504	127	200784	27.572	ug/ml	96
56) a-Terpineol	4.908	59	147385	26.617	ug/ml#	75
57) 3-Chloroaniline	4.924	65	64258	29.043	ug/ml	74
58) 2,6-Dichlorophenol	4.945	162	115909	23.748	ug/ml	99
59) 1-chloro-2-nitrobenzene	5.175	111	49767	25.041	ug/ml	93
60) Caprolactam	5.216	55	77574	25.552	ug/ml#	58
61) 1,2,4,5-Tetrachloroben...	5.645	216	177634	26.115	ug/ml	97
62) Biphenyl	5.909	154	428916	27.163	ug/ml	97
84) Dichloran	7.429	206	33921	21.983	ug/ml#	83
85) Pentachloronitrobenzene	7.563	237	34741	23.086	ug/ml#	80
99) Diphenamid	8.526	167	307528	26.929	ug/ml#	71

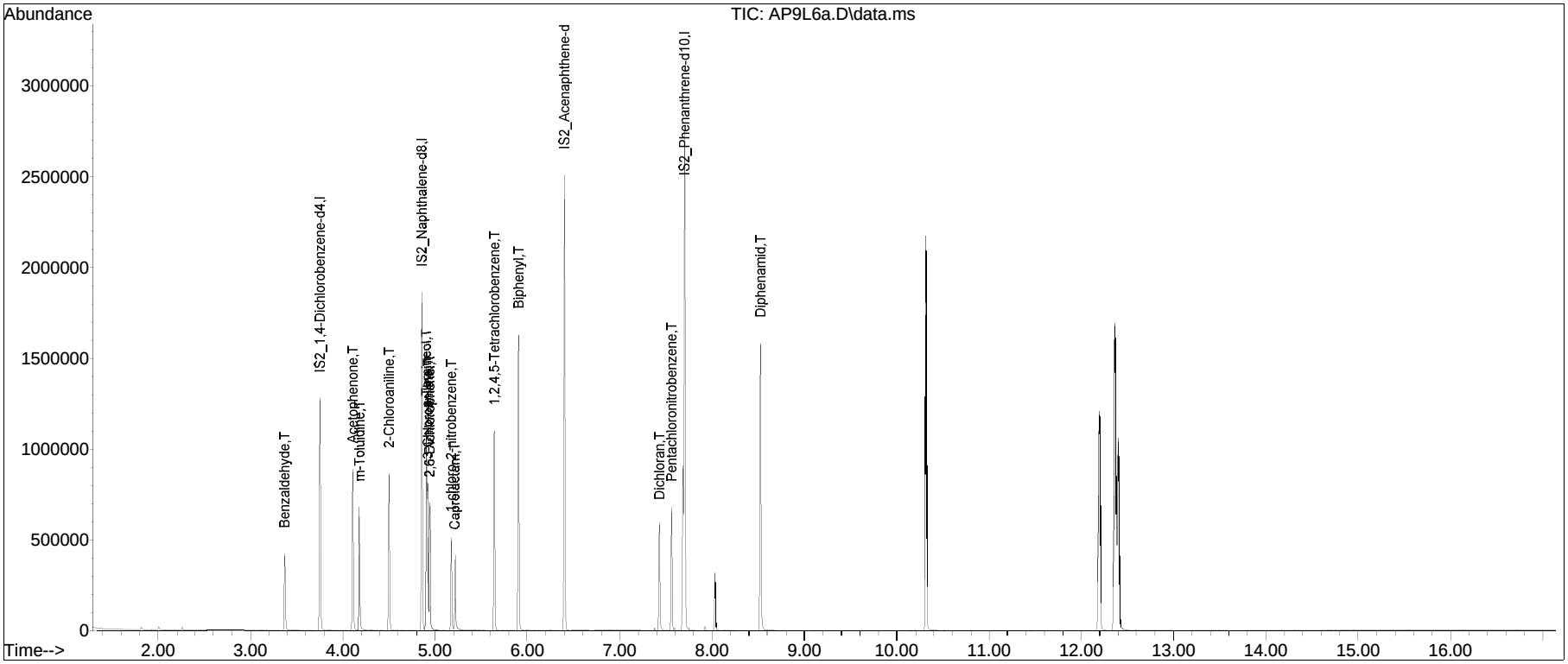
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : AP9L6a.D
Acq On : 03 Sep 2025 05:18 am
Operator : SV134:mrg
Sample : IL16,32,,AP9L10 Lot# 11972
Misc : WG2110324
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 03 14:29:30 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 14:18:00 2025
Response via : Initial Calibration

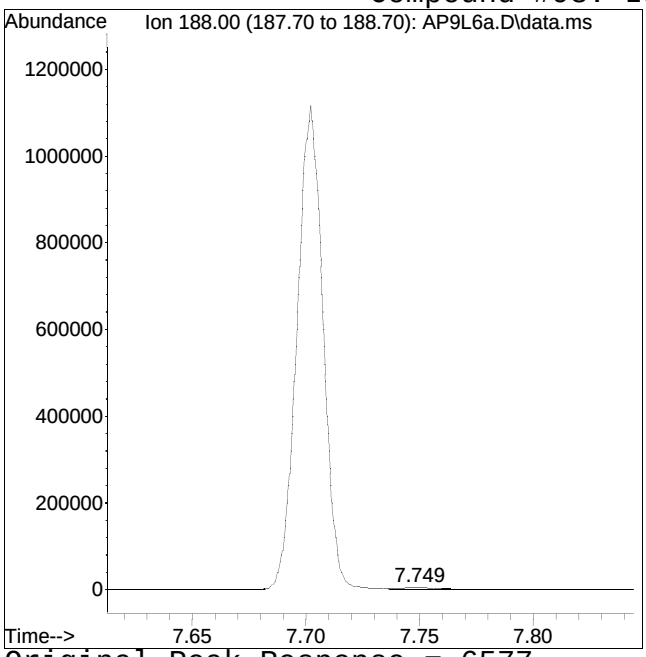
Sub List : AP9ical - AP9 ical sublistAL\AP9L7a.D•

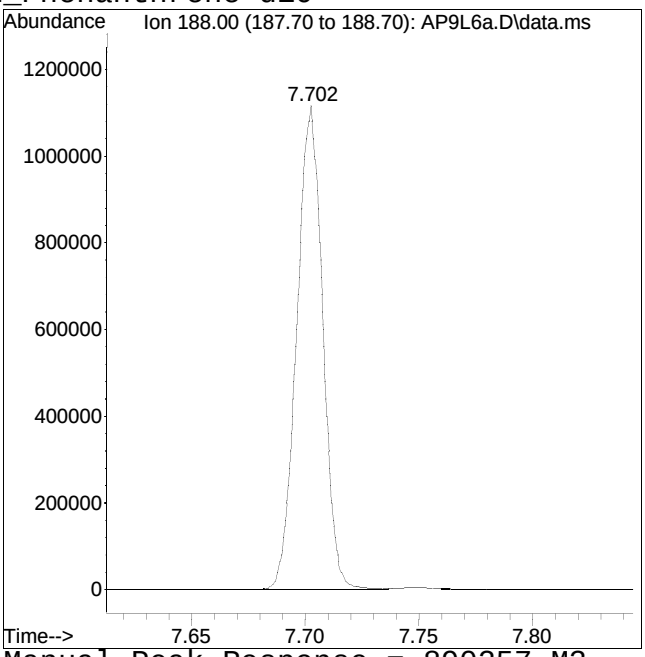


Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : AP9L6a.D Operator : SV134:mrg
Date Inj'd : 9/3/2025 5:18 am Instrument : SV134
Sample : IL16,32,,AP9L10 Lot# 11972Quant Date : 9/3/2025 2:19 pm

Compound #98: IS2_Phenanthrene-d10





Original Peak Response = 6577 Manual Peak Response = 890257 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : AP9L5a.D
Acq On : 03 Sep 2025 05:39 am
Operator : SV134:mrg
Sample : IL15,32,,AP9L25 Lot# 11971
Misc : WG2110324
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 03 14:28:34 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 14:18:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
27) IS2_1,4-Dichlorobenzen...	3.755	152	173428	40.000	ug/ml		0.00
Standard Area 3 = 179151			Recovery	= 96.81%			
55) IS2_Naphthalene-d8	4.858	136	691601	40.000	ug/ml		0.00
Standard Area 3 = 709349			Recovery	= 97.50%			
83) IS2_Acenaphthene-d10	6.400	164	415369	40.000	ug/ml		0.00
Standard Area 3 = 413189			Recovery	= 100.53%			
98) IS2_Phenanthrene-d10	7.702	188	891947	40.000	ug/ml	#	0.00
Standard Area 3 = 864682			Recovery	= 103.15%			
System Monitoring Compounds							
Target Compounds							Qvalue
28) Benzaldehyde	3.376	105	28463	12.769	ug/ml		97
29) Acetophenone	4.109	105	83306	10.573	ug/ml	#	85
30) m-Toluidine	4.181	106	58760	12.546	ug/ml		97
31) 2-Chloroaniline	4.504	127	74487	10.421	ug/ml		96
56) a-Terpineol	4.908	59	54429	10.063	ug/ml	#	75
57) 3-Chloroaniline	4.924	65	25208	11.664	ug/ml		72
58) 2,6-Dichlorophenol	4.949	162	41483	8.701	ug/ml		97
59) 1-chloro-2-nitrobenzene	5.175	111	17505	9.017	ug/ml		93
60) Caprolactam	5.213	55	26607	8.972	ug/ml	#	57
61) 1,2,4,5-Tetrachloroben...	5.645	216	68742	10.346	ug/ml		97
62) Biphenyl	5.909	154	167617	10.867	ug/ml		97
84) Dichloran	7.429	206	11184	9.378	ug/ml	#	82
85) Pentachloronitrobenzene	7.563	237	11813	7.858	ug/ml	#	80
99) Diphenamid	8.526	167	112990	9.875	ug/ml	#	70

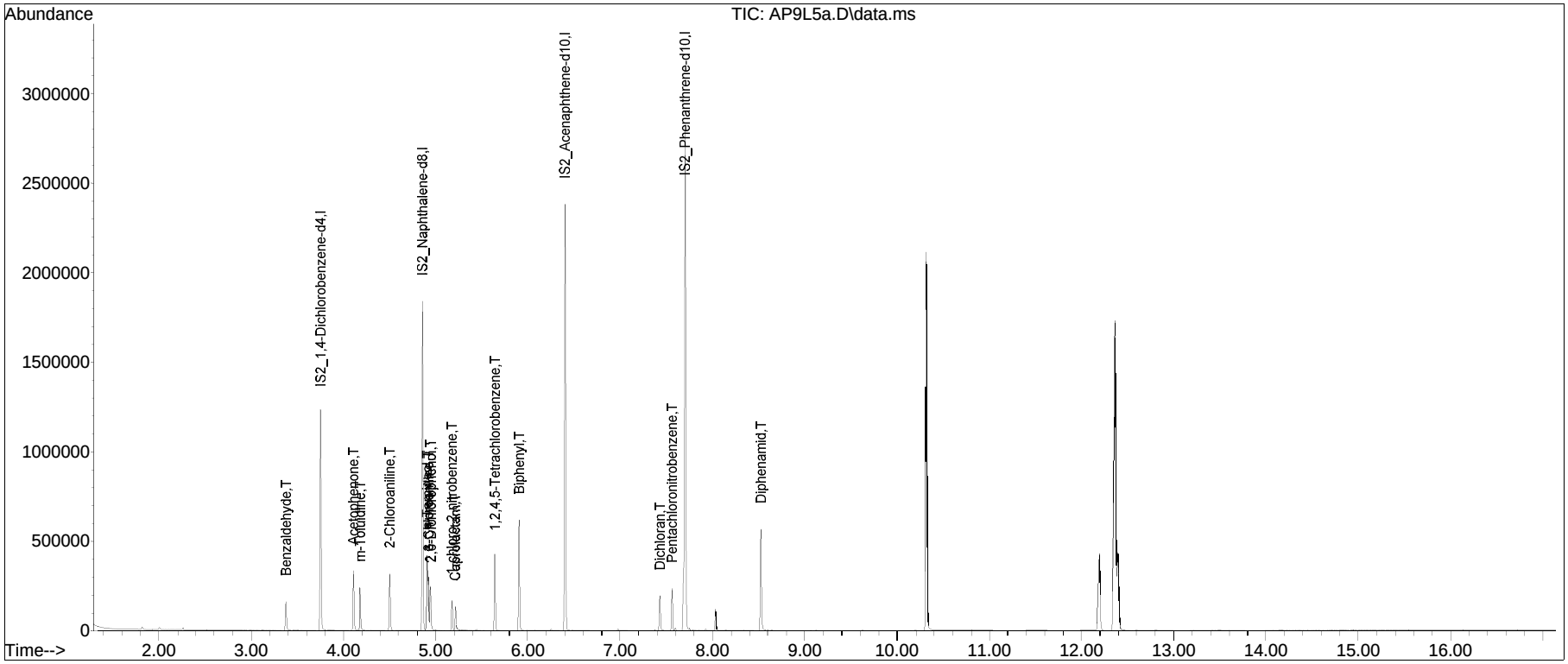
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : AP9L5a.D
Acq On : 03 Sep 2025 05:39 am
Operator : SV134:mrg
Sample : IL15,32,,AP9L25 Lot# 11971
Misc : WG2110324
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 03 14:28:34 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 14:18:00 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistAL\AP9L7a.D•



Manual Integration Report

Data Path	: I:\8270\SV134\250829ICAL\	QMethod	: FS250829SV134.m
Data File	: AP9L5a.D	Operator	: SV134:mrg
Date Inj'd	: 9/3/2025 5:39 am	Instrument	: SV134
Sample	: IL15,32,,AP9L25 Lot# 11971	Quant Date	: 9/3/2025 2:18 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : AP9L4a.D
Acq On : 03 Sep 2025 06:00 am
Operator : SV134:mrg
Sample : IL14,32,,AP9L50 Lot# 11970
Misc : WG2110324
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 03 14:28:14 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 14:18:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.752	152	179913	40.000	ug/ml	0.00
Standard Area 3 = 179151			Recovery = 100.43%			
55) IS2_Naphthalene-d8	4.859	136	716037	40.000	ug/ml	0.00
Standard Area 3 = 709349			Recovery = 100.94%			
83) IS2_Acenaphthene-d10	6.400	164	424751	40.000	ug/ml	0.00
Standard Area 3 = 413189			Recovery = 102.80%			
98) IS2_Phenanthrene-d10	7.703	188	914974M3	40.000	ug/ml	0.00
Standard Area 3 = 864682			Recovery = 105.82%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.376	105	14978	6.477	ug/ml	98
29) Acetophenone	4.110	105	43908	5.372	ug/ml#	83
30) m-Toluidine	4.181	106	30122	6.199	ug/ml	95
31) 2-Chloroaniline	4.504	127	39601	5.340	ug/ml	96
56) a-Terpineol	4.908	59	27745	4.954	ug/ml#	77
57) 3-Chloroaniline	4.924	65	13273	5.932	ug/ml#	69
58) 2,6-Dichlorophenol	4.946	162	20855	4.225	ug/ml	97
59) 1-chloro-2-nitrobenzene	5.176	111	8841	4.399	ug/ml	92
60) Caprolactam	5.210	55	13524M1	4.405	ug/ml	
61) 1,2,4,5-Tetrachloroben...	5.645	216	36192	5.261	ug/ml	98
62) Biphenyl	5.906	154	87643	5.488	ug/ml	96
84) Dichloran	7.426	206	5110	5.944	ug/ml#	82
85) Pentachloronitrobenzene	7.563	237	5745	3.737	ug/ml#	78
99) Diphenamid	8.526	167	56021	4.773	ug/ml#	70

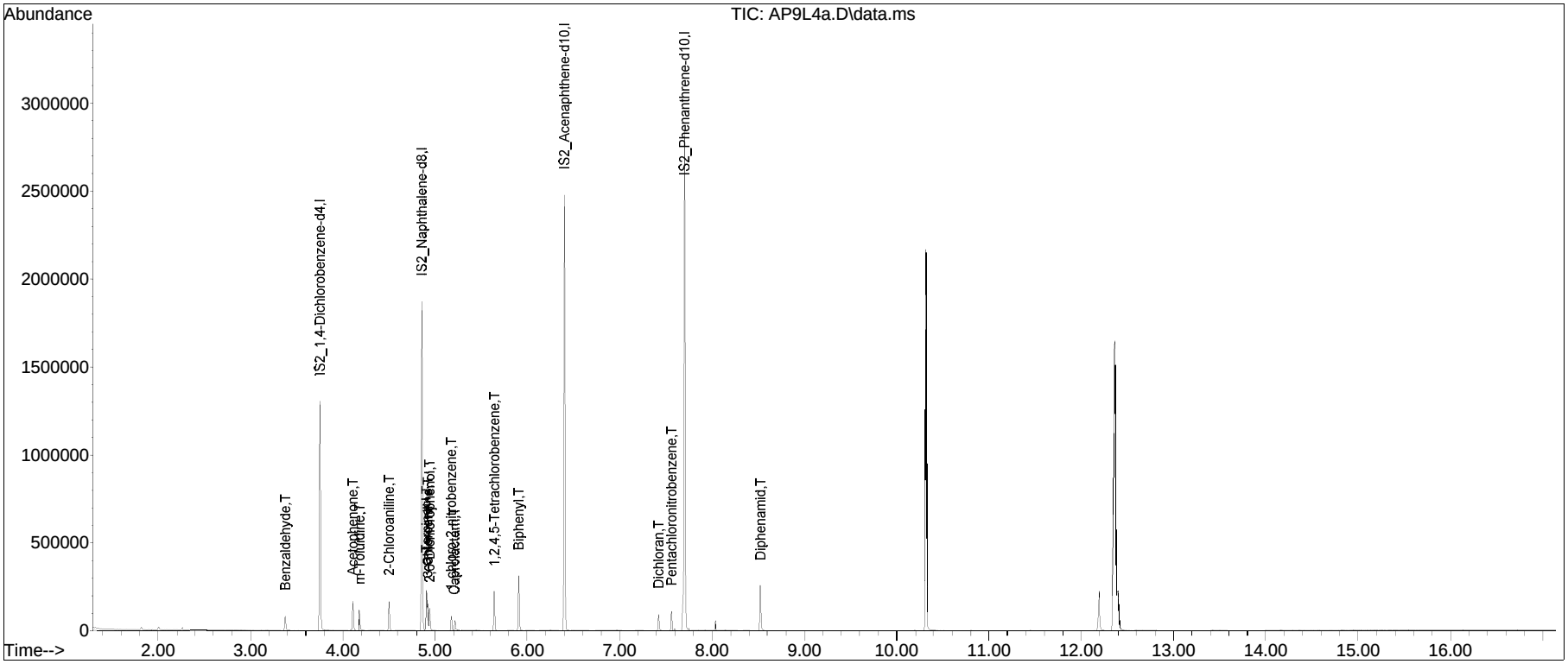
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : AP9L4a.D
Acq On : 03 Sep 2025 06:00 am
Operator : SV134:mrg
Sample : IL14,32,,AP9L50 Lot# 11970
Misc : WG2110324
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 03 14:28:14 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 14:18:00 2025
Response via : Initial Calibration

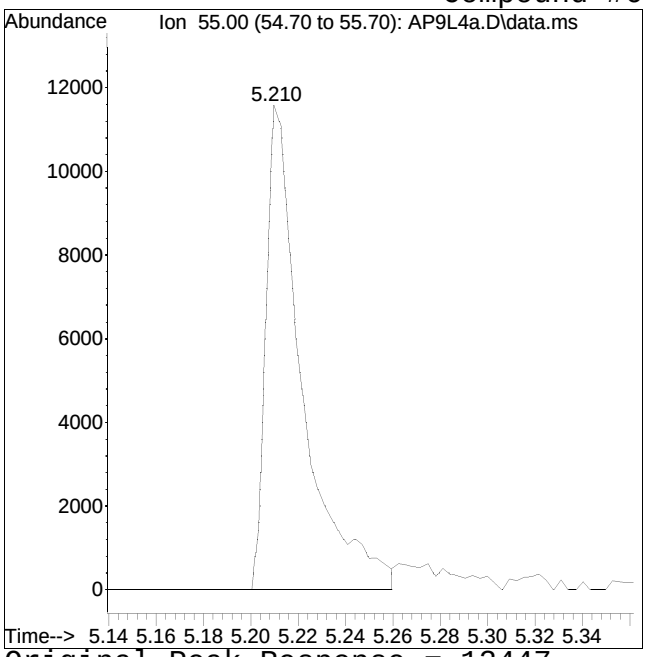
Sub List : AP9ical - AP9 ical sublistAL\AP9L7a.D•



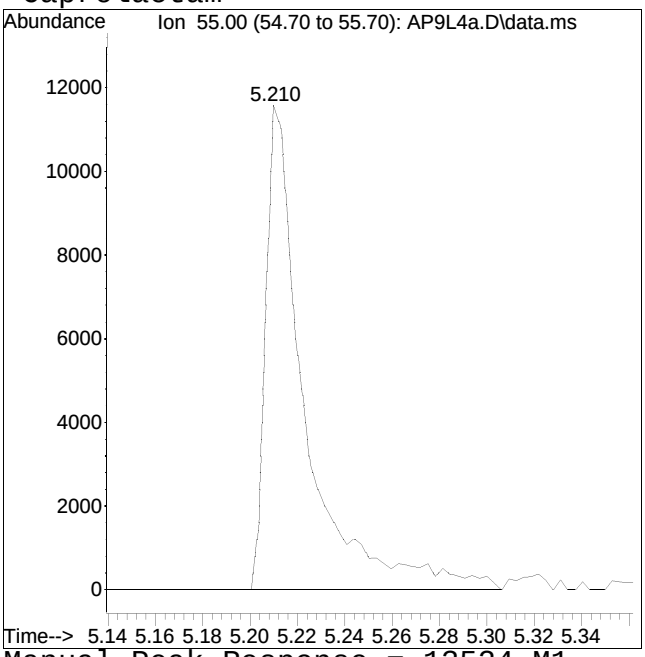
Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : AP9L4a.D Operator : SV134:mrg
Date Inj'd : 9/3/2025 6:00 am Instrument : SV134
Sample : IL14,32,,AP9L50 Lot# 11970Quant Date : 9/3/2025 2:18 pm

Compound #60: Caprolactam



Original Peak Response = 12447



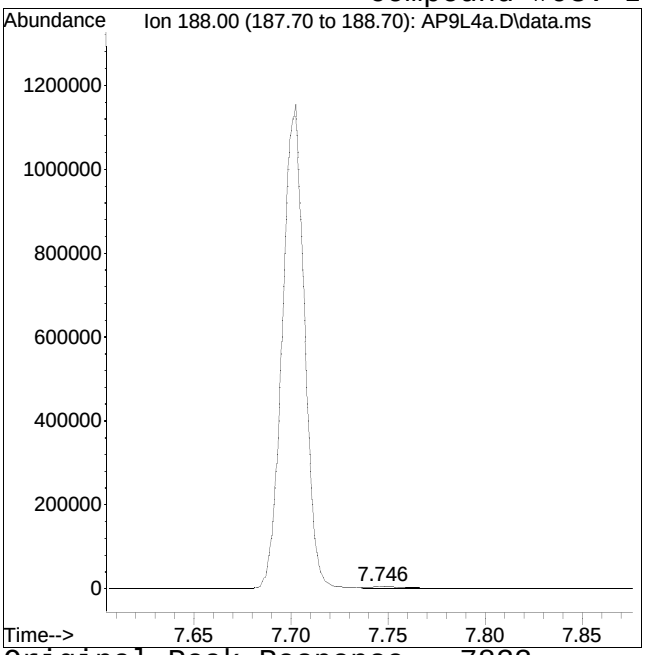
Manual Peak Response = 13524 M1

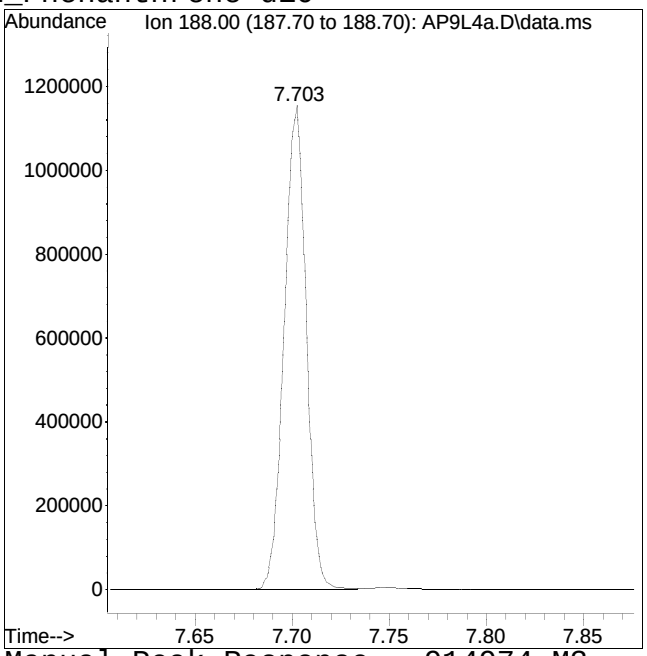
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : AP9L4a.D Operator : SV134:mrg
Date Inj'd : 9/3/2025 6:00 am Instrument : SV134
Sample : IL14,32,,AP9L50 Lot# 11970 Quant Date : 9/3/2025 2:18 pm

Compound #98: IS2_Phenanthrene-d10





Original Peak Response = 7833 Manual Peak Response = 914974 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : AP9L3a.D
Acq On : 03 Sep 2025 06:21 am
Operator : SV134:mrg
Sample : IL13,32,,AP9L100 Lot# 11969
Misc : WG2110324
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 03 14:26:57 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 14:18:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.755	152	173884	40.000	ug/ml	0.00
Standard Area 3 = 179151			Recovery = 97.06%			
55) IS2_Naphthalene-d8	4.859	136	701627	40.000	ug/ml	0.00
Standard Area 3 = 709349			Recovery = 98.91%			
83) IS2_Acenaphthene-d10	6.400	164	428142	40.000	ug/ml	0.00
Standard Area 3 = 413189			Recovery = 103.62%			
98) IS2_Phenanthrene-d10	7.703	188	911193M3	40.000	ug/ml	0.00
Standard Area 3 = 864682			Recovery = 105.38%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.379	105	8495M1	3.801	ug/ml	
29) Acetophenone	4.110	105	24906	3.153	ug/ml#	86
30) m-Toluidine	4.181	106	16838	3.586	ug/ml	95
31) 2-Chloroaniline	4.504	127	22914	3.197	ug/ml	97
56) a-Terpineol	4.908	59	16017	2.919	ug/ml#	77
57) 3-Chloroaniline	4.924	65	7487	3.415	ug/ml#	70
58) 2,6-Dichlorophenol	4.946	162	11882	2.457	ug/ml	99
59) 1-chloro-2-nitrobenzene	5.176	111	4849	2.462	ug/ml	94
60) Caprolactam	5.213	55	7482M1	2.487	ug/ml	
61) 1,2,4,5-Tetrachloroben...	5.642	216	21021	3.119	ug/ml	97
62) Biphenyl	5.909	154	52170	3.334	ug/ml	94
84) Dichloran	7.426	206	2846	4.702	ug/ml#	82
85) Pentachloronitrobenzene	7.563	237	3171	2.046	ug/ml#	77
99) Diphenamid	8.523	167	30641	2.621	ug/ml#	73

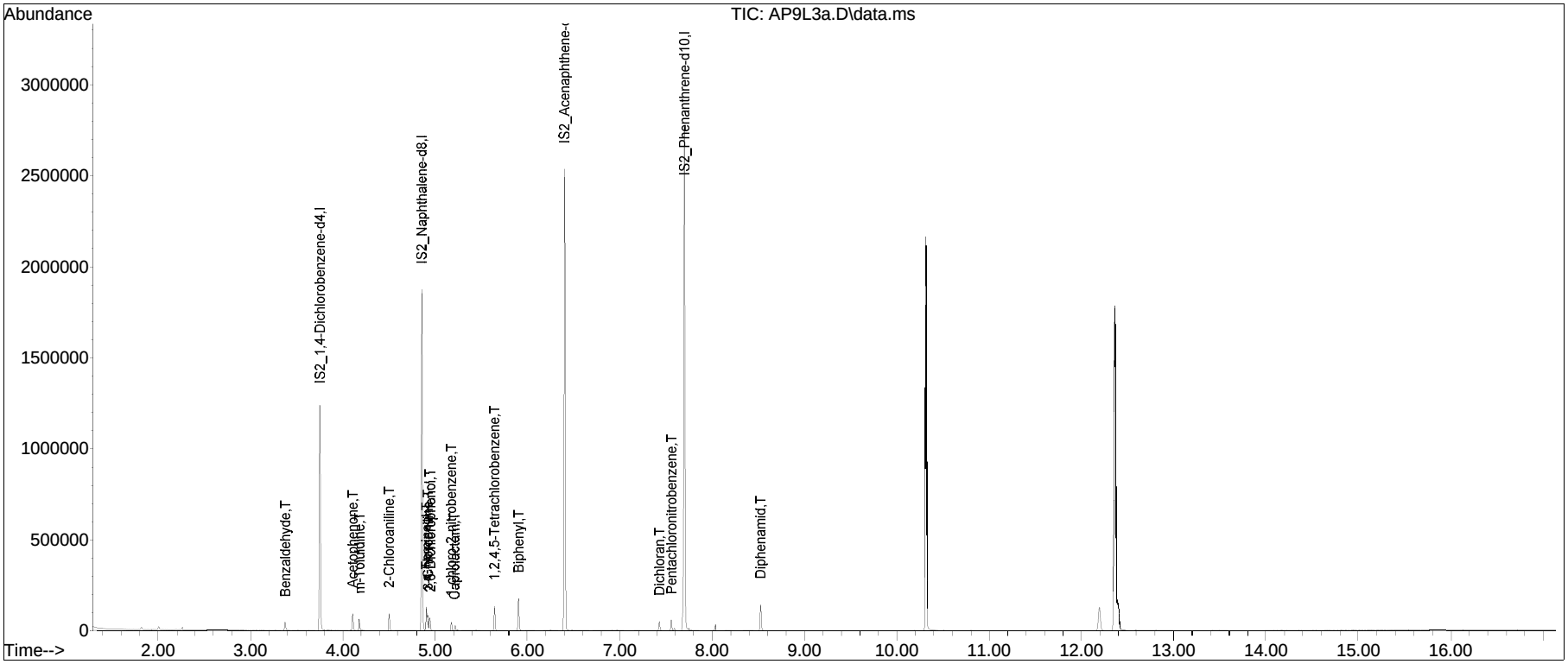
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : AP9L3a.D
Acq On : 03 Sep 2025 06:21 am
Operator : SV134:mrg
Sample : IL13,32,,AP9L100 Lot# 11969
Misc : WG2110324
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 03 14:26:57 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 14:18:00 2025
Response via : Initial Calibration

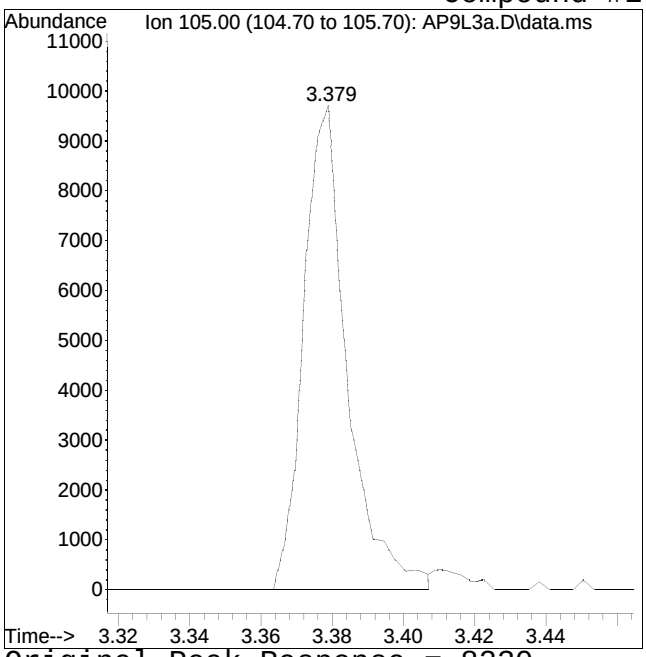
Sub List : AP9ical - AP9 ical sublistAL\AP9L7a.D•

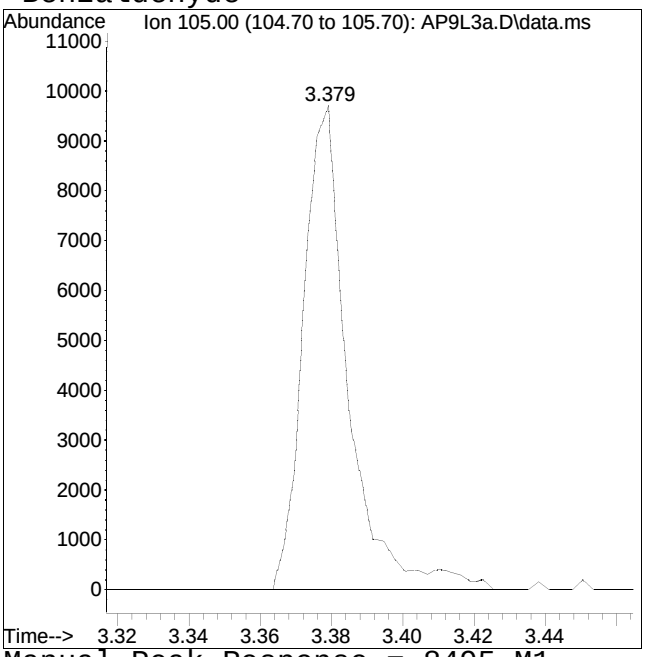


Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : AP9L3a.D Operator : SV134:mrg
Date Inj'd : 9/3/2025 6:21 am Instrument : SV134
Sample : IL13,32,,AP9L100 Lot# 1196Quant Date : 9/3/2025 2:18 pm

Compound #28: Benzaldehyde



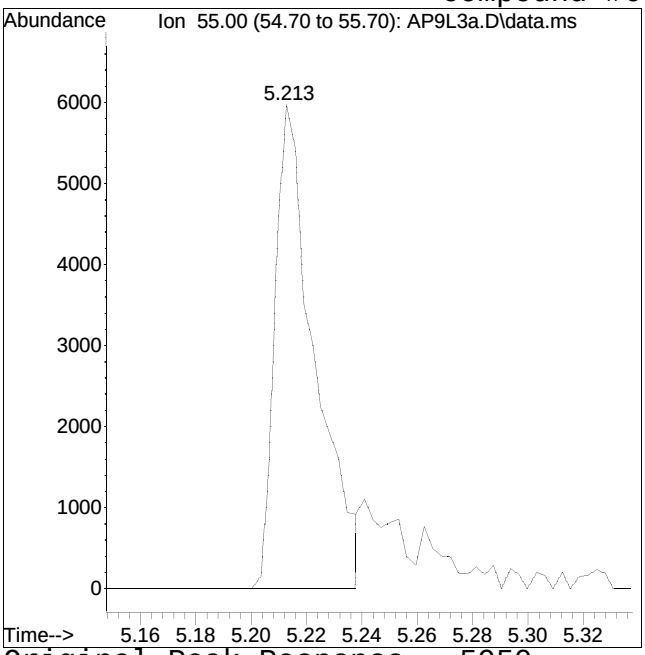


Original Peak Response = 8230 Manual Peak Response = 8495 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

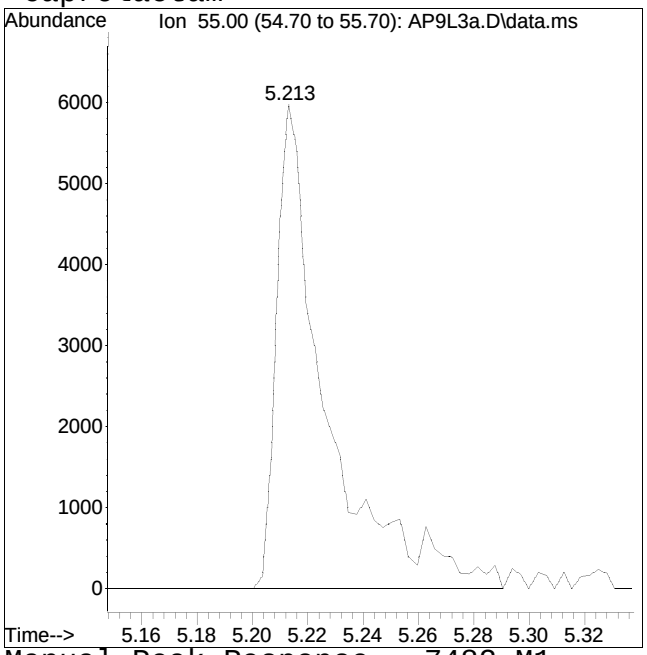
Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : AP9L3a.D Operator : SV134:mrg
Date Inj'd : 9/3/2025 6:21 am Instrument : SV134
Sample : IL13,32,,AP9L100 Lot# 1196 Quant Date : 9/3/2025 2:18 pm

Compound #60: Caprolactam



Original Peak Response = 5950



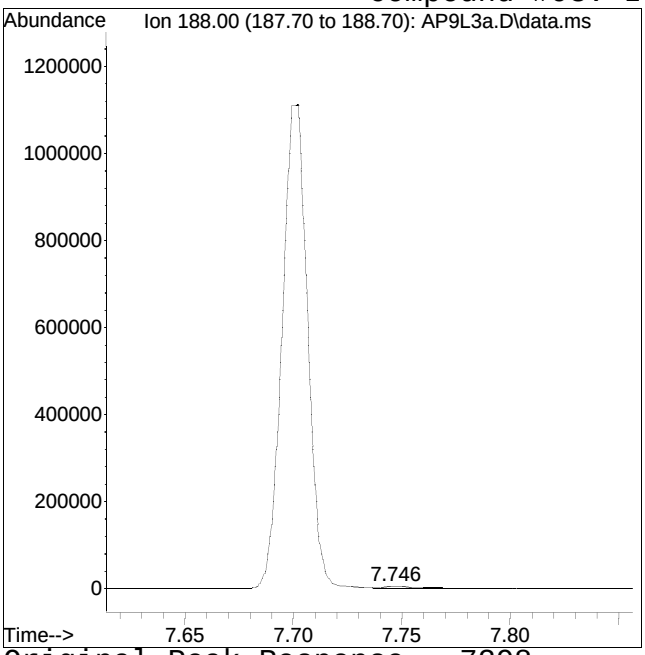
Manual Peak Response = 7482 M1

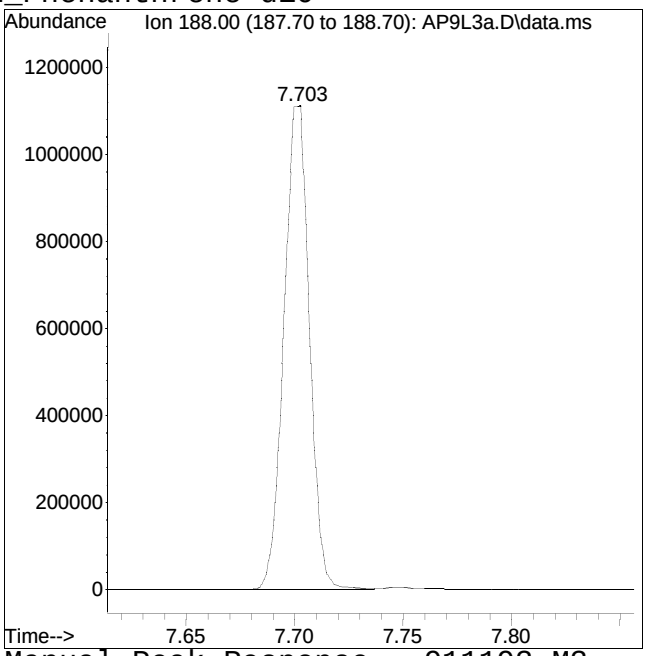
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : AP9L3a.D Operator : SV134:mrg
Date Inj'd : 9/3/2025 6:21 am Instrument : SV134
Sample : IL13,32,,AP9L100 Lot# 1196 Quant Date : 9/3/2025 2:18 pm

Compound #98: IS2_Phenanthrene-d10





Original Peak Response = 7298 Manual Peak Response = 911193 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : AP9L2a.D
Acq On : 03 Sep 2025 06:42 am
Operator : SV134:mrg
Sample : IL12,32,,AP9L150 Lot# 11968
Misc : WG2110324
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 03 14:23:49 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 14:18:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.752	152	173010	40.000	ug/ml	0.00
Standard Area 3 = 179151			Recovery = 96.57%			
55) IS2_Naphthalene-d8	4.859	136	690823	40.000	ug/ml	0.00
Standard Area 3 = 709349			Recovery = 97.39%			
83) IS2_Acenaphthene-d10	6.400	164	420273	40.000	ug/ml	0.00
Standard Area 3 = 413189			Recovery = 101.71%			
98) IS2_Phenanthrene-d10	7.699	188	903666M3	40.000	ug/ml	0.00
Standard Area 3 = 864682			Recovery = 104.51%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.376	105	5754	2.588	ug/ml	93
29) Acetophenone	4.110	105	16016	2.038	ug/ml#	84
30) m-Toluidine	4.181	106	9483	2.030	ug/ml	99
31) 2-Chloroaniline	4.504	127	15217	2.134	ug/ml	95
56) a-Terpineol	4.908	59	10265	1.900	ug/ml#	79
57) 3-Chloroaniline	4.924	65	4887	2.264	ug/ml#	70
58) 2,6-Dichlorophenol	4.946	162	7375	1.549	ug/ml	98
59) 1-chloro-2-nitrobenzene	5.176	111	3004	1.549	ug/ml	95
60) Caprolactam	5.213	55	4536M1	1.531	ug/ml	
61) 1,2,4,5-Tetrachloroben...	5.642	216	14338	2.160	ug/ml	95
62) Biphenyl	5.906	154	33274	2.160	ug/ml	97
84) Dichloran	7.423	206	1785	4.149	ug/ml#	80
85) Pentachloronitrobenzene	7.560	237	2065	1.358	ug/ml#	81
99) Diphenamid	8.520	167	19655	1.696	ug/ml#	71

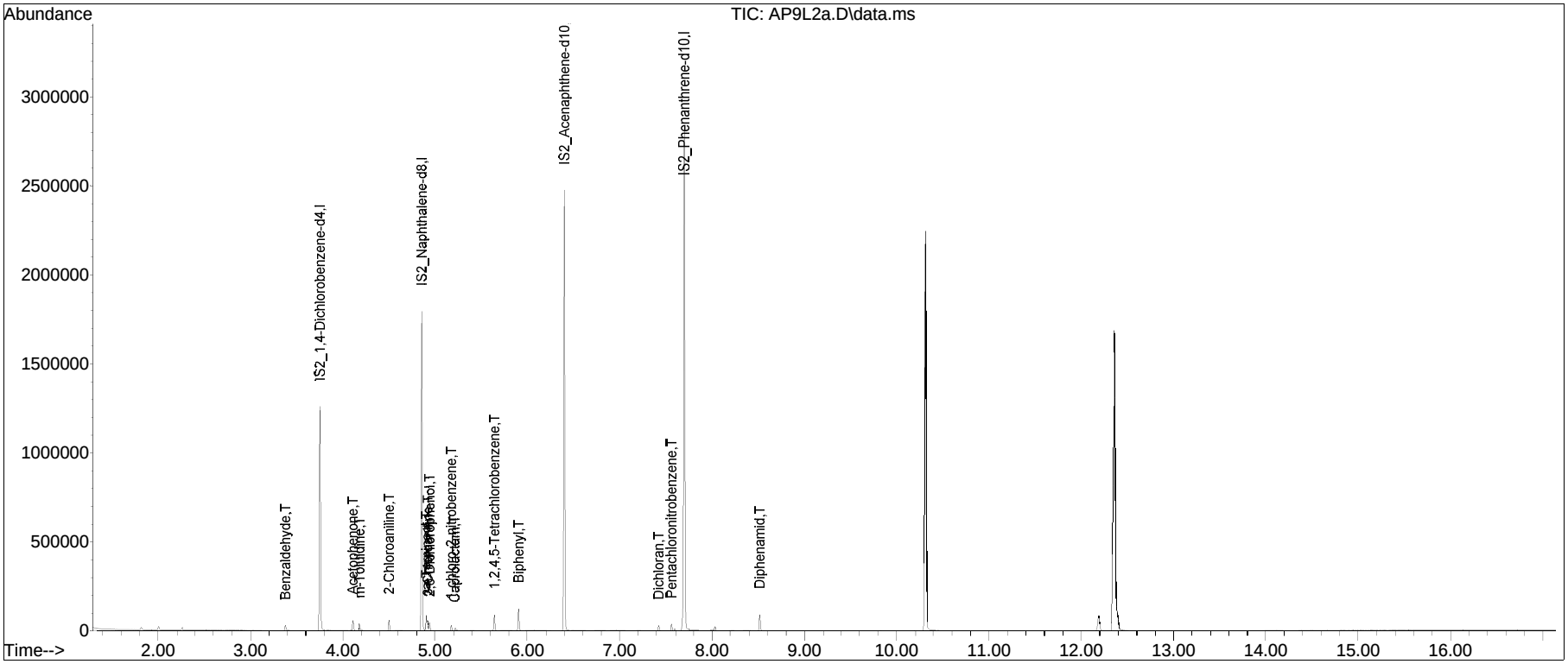
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : AP9L2a.D
Acq On : 03 Sep 2025 06:42 am
Operator : SV134:mrg
Sample : IL12,32,,AP9L150 Lot# 11968
Misc : WG2110324
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 03 14:23:49 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 14:18:00 2025
Response via : Initial Calibration

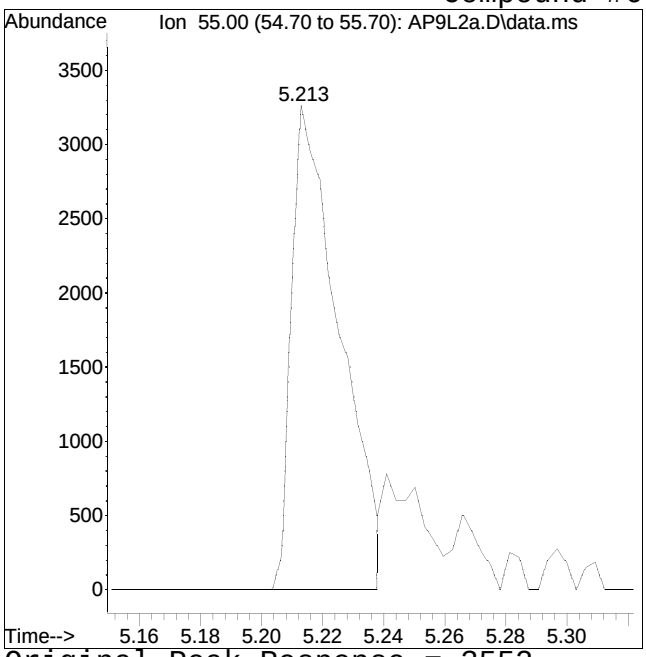
Sub List : AP9ical - AP9 ical sublistAL\AP9L7a.D•

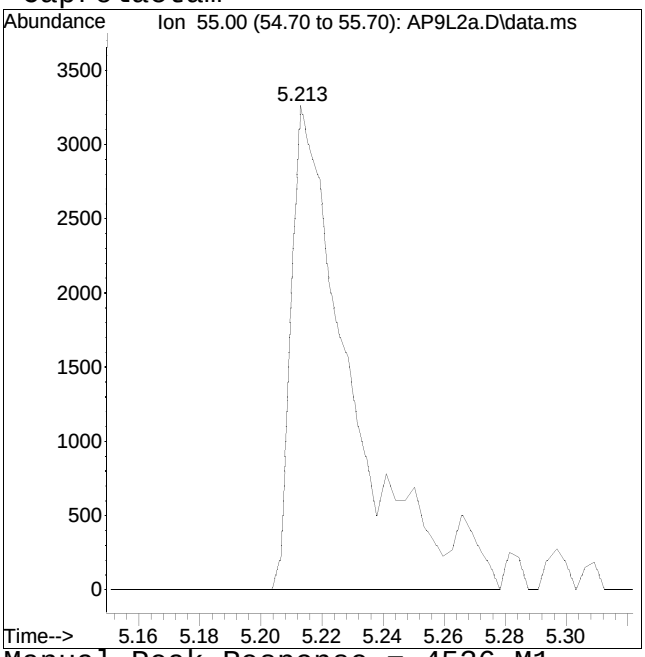


Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : AP9L2a.D Operator : SV134:mrg
Date Inj'd : 9/3/2025 6:42 am Instrument : SV134
Sample : IL12,32,,AP9L150 Lot# 1196Quant Date : 9/3/2025 2:18 pm

Compound #60: Caprolactam



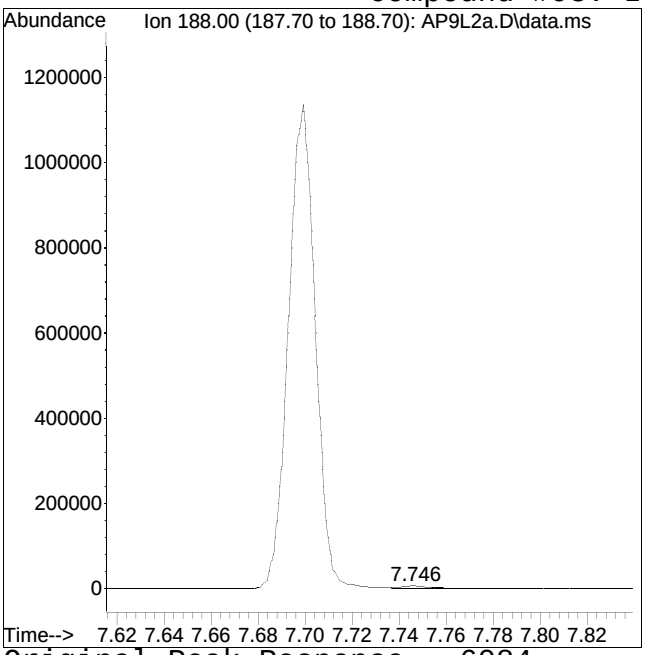


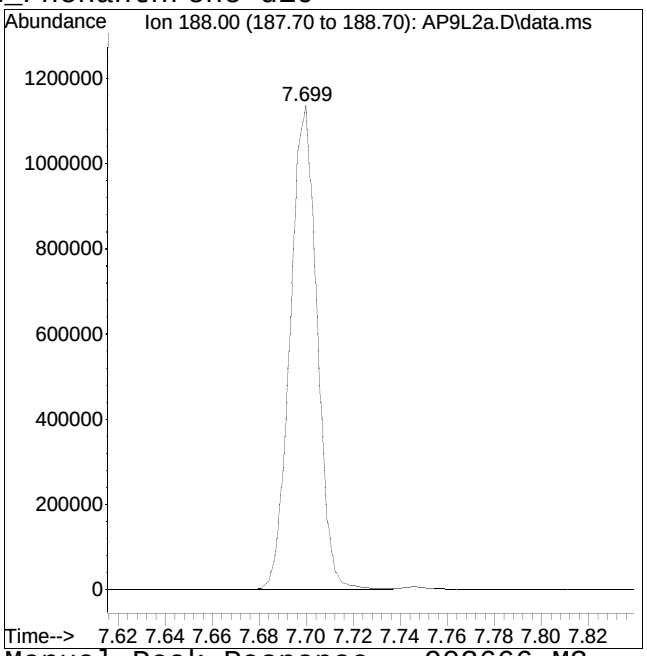
Original Peak Response = 3552 Manual Peak Response = 4536 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : AP9L2a.D Operator : SV134:mrg
Date Inj'd : 9/3/2025 6:42 am Instrument : SV134
Sample : IL12,32,,AP9L150 Lot# 1196 Quant Date : 9/3/2025 2:18 pm

Compound #98: IS2_Phenanthrene-d10





Original Peak Response = 6084 Manual Peak Response = 903666 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : AP9L1a.D
Acq On : 03 Sep 2025 07:03 am
Operator : SV134:mrg
Sample : IL11,32,,AP9L200 Lot# 11651
Misc : WG2110324
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 03 14:21:56 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 14:18:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.752	152	169300	40.000	ug/ml	0.00
Standard Area 3 = 179151			Recovery = 94.50%			
55) IS2_Naphthalene-d8	4.859	136	677910	40.000	ug/ml	0.00
Standard Area 3 = 709349			Recovery = 95.57%			
83) IS2_Acenaphthene-d10	6.397	164	408390	40.000	ug/ml	0.00
Standard Area 3 = 413189			Recovery = 98.84%			
98) IS2_Phenanthrene-d10	7.699	188	873352M3	40.000	ug/ml	0.00
Standard Area 3 = 864682			Recovery = 101.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.379	105	2392	1.099	ug/ml	92
29) Acetophenone	4.113	105	8113	1.055	ug/ml#	81
30) m-Toluidine	4.184	106	3951	0.864	ug/ml	97
31) 2-Chloroaniline	4.504	127	7163	1.027	ug/ml	94
56) a-Terpineol	4.908	59	5049	0.952	ug/ml#	77
57) 3-Chloroaniline	4.921	65	2271	1.072	ug/ml#	67
58) 2,6-Dichlorophenol	4.946	162	3168	0.678	ug/ml#	85
59) 1-chloro-2-nitrobenzene	5.179	111	1384	0.727	ug/ml	91
60) Caprolactam	5.222	55	1971M1	0.678	ug/ml	
61) 1,2,4,5-Tetrachloroben...	5.645	216	6713	1.031	ug/ml	95
62) Biphenyl	5.906	154	16924M1	1.119	ug/ml	
84) Dichloran	7.426	206	877	3.665	ug/ml#	81
85) Pentachloronitrobenzene	7.559	237	790	0.534	ug/ml	89
99) Diphenamid	8.523	167	8825	0.788	ug/ml#	72

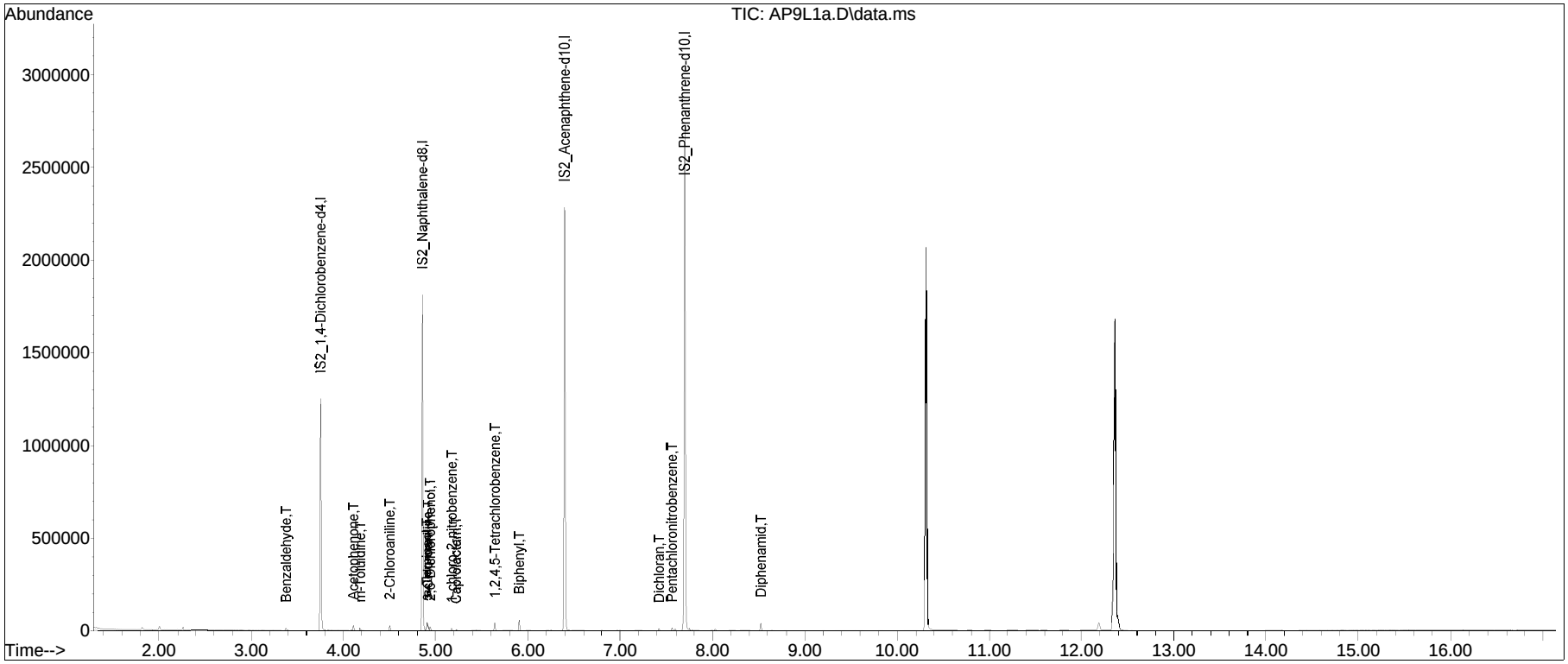
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : AP9L1a.D
Acq On : 03 Sep 2025 07:03 am
Operator : SV134:mrg
Sample : IL11,32,,AP9L200 Lot# 11651
Misc : WG2110324
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 03 14:21:56 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 14:18:00 2025
Response via : Initial Calibration

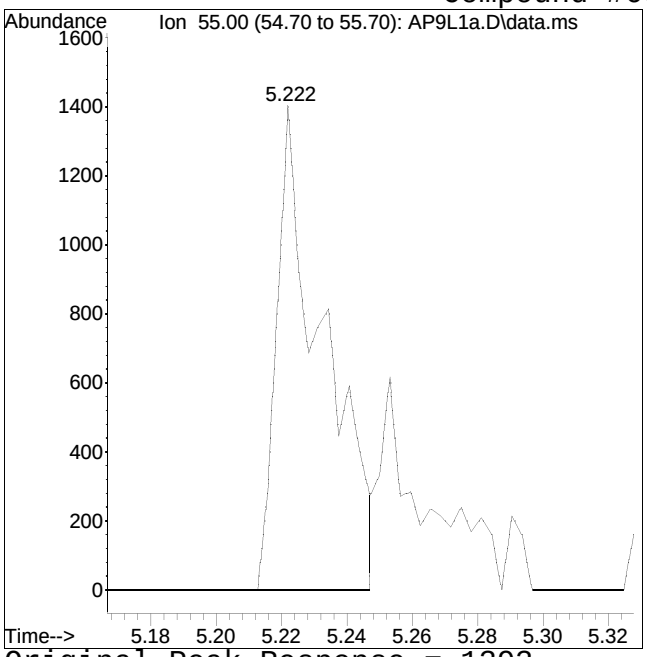
Sub List : AP9ical - AP9 ical sublistAL\AP9L7a.D•

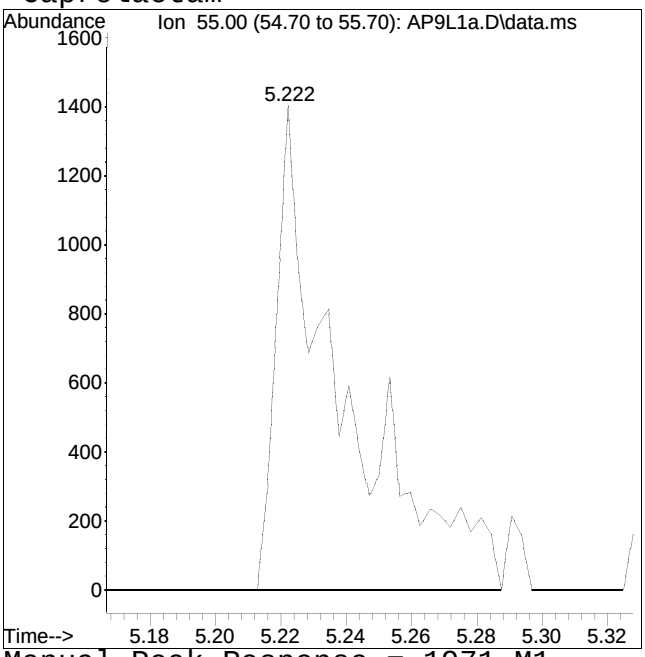


Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : AP9L1a.D Operator : SV134:mrg
Date Inj'd : 9/3/2025 7:03 am Instrument : SV134
Sample : IL11,32,,AP9L200 Lot# 1165Quant Date : 9/3/2025 2:18 pm

Compound #60: Caprolactam



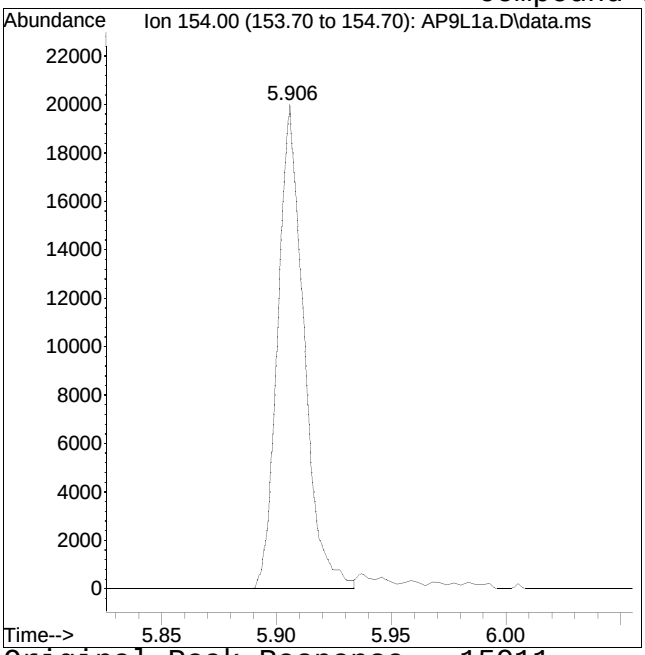


Original Peak Response = 1393 Manual Peak Response = 1971 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

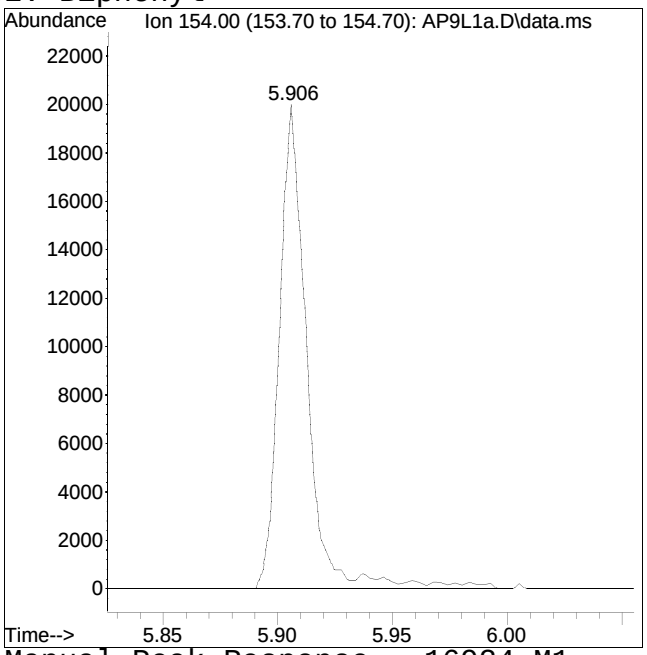
Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : AP9L1a.D Operator : SV134:mrg
Date Inj'd : 9/3/2025 7:03 am Instrument : SV134
Sample : IL11,32,,AP9L200 Lot# 1165 Quant Date : 9/3/2025 2:18 pm

Compound #62: Biphenyl



Original Peak Response = 15911



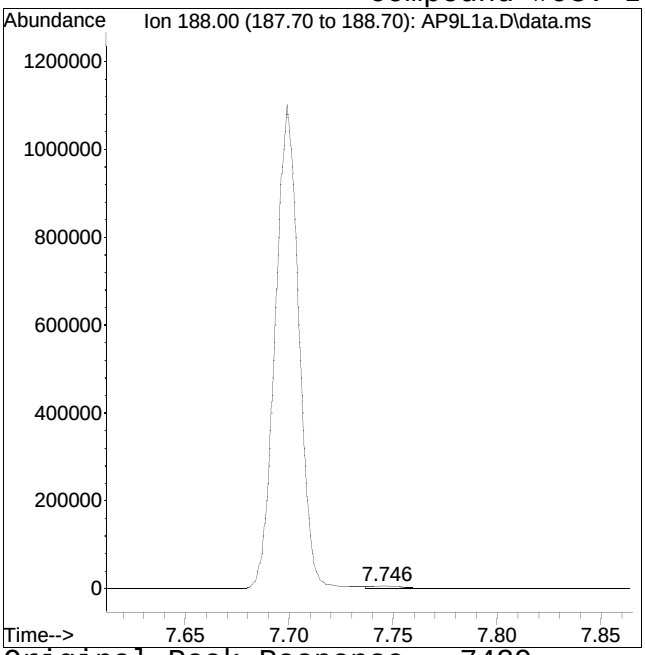
Manual Peak Response = 16924 M1

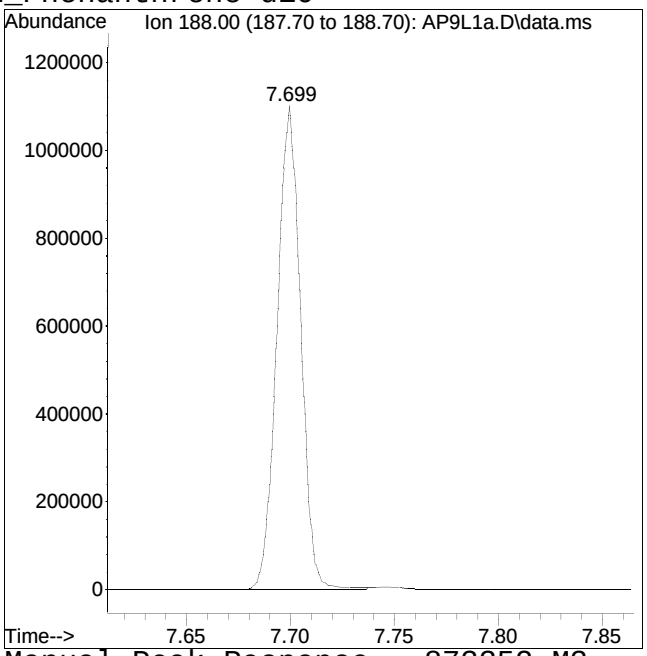
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : AP9L1a.D Operator : SV134:mrg
Date Inj'd : 9/3/2025 7:03 am Instrument : SV134
Sample : IL11,32,,AP9L200 Lot# 1165 Quant Date : 9/3/2025 2:18 pm

Compound #98: IS2_Phenanthrene-d10





Original Peak Response = 7429 Manual Peak Response = 873352 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV134\250829ICAL\
Data File : AP9ICVa.D
Acq On : 03 Sep 2025 07:25 am
Operator : SV134:mrg
Sample : CQICV2,32,,AP9ICV Lot# 11810
Misc : WG2110324
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 03 16:25:10 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 16:24:42 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
27	I	IS2_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	114	0.00
28	T	Benzaldehyde	0.662	0.740	-11.8	125	0.00
29	T	Acetophenone	1.971	1.892	4.0	107	0.00
30	T	m-Toluidine	1.331	1.483	-11.4	120	0.00
31	T	2-Chloroaniline	1.765	1.694	4.0	108	0.00
55	I	IS2_Naphthalene-d8	1.000	1.000	0.0	117	0.00
56	T	a-Terpineol	0.319	0.289	9.4	100	0.00
57	T	3-Chloroaniline	0.142	0.137	3.5	111	0.00
58	T	2,6-Dichlorophenol	0.246	0.244	0.8	104	0.00
59	T	1-chloro-2-nitrobenzene	0.108	0.104	3.7	103	0.00
60	T	Caprolactam	0.170	0.163	4.1	104	0.00
61	T	1,2,4,5-Tetrachlorobenzene	0.397	0.366	7.8	109	0.00
62	T	Biphenyl	0.951	0.879	7.6	108	0.00
83	I	IS2_Acenaphthene-d10	1.000	1.000	0.0	119	0.00
84	T	Dichloran	* 50.000	40.328	19.3	104	0.00
85	T	Pentachloronitrobenzene	0.142	0.133	6.3	109	0.00
98	I	IS2_Phenanthrene-d10	1.000	1.000	0.0	119	0.00
99	T	Diphenamid	0.506	0.519	-2.6	111	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : AP9ICVa.D
Acq On : 03 Sep 2025 07:25 am
Operator : SV134:mrg
Sample : CQICV2,32,,AP9ICV Lot# 11810
Misc : WG2110324
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 03 16:25:10 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 16:24:42 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV134\250829ICAL\ABNL7.D
: 2 - I:\8270\SV134\250829ICAL\ADPL7.D
: 3 - I:\8270\SV134\250829ICAL\AP9L7a.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.752	152	204593	40.000	ug/ml	0.00
Standard Area 3 = 179151			Recovery = 114.20%			
55) IS2_Naphthalene-d8	4.859	136	829288	40.000	ug/ml	0.00
Standard Area 3 = 709349			Recovery = 116.91%			
83) IS2_Acenaphthene-d10	6.397	164	490966	40.000	ug/ml	0.00
Standard Area 3 = 413189			Recovery = 118.82%			
98) IS2_Phenanthrene-d10	7.699	188	1031731M3	40.000	ug/ml	0.00
Standard Area 3 = 864682			Recovery = 119.32%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.373	105	189260	55.905	ug/ml	98
29) Acetophenone	4.106	105	483947	48.007	ug/ml#	86
30) m-Toluidine	4.181	106	379375	55.714	ug/ml	98
31) 2-Chloroaniline	4.504	127	433282	47.989	ug/ml	97
56) a-Terpineol	4.911	59	300018	45.342	ug/ml#	76
57) 3-Chloroaniline	4.924	65	141584	48.140	ug/ml	80
58) 2,6-Dichlorophenol	4.946	162	253202	49.617	ug/ml	98
59) 1-chloro-2-nitrobenzene	5.176	111	108125	48.340	ug/ml	93
60) Caprolactam	5.222	55	169365	48.132	ug/ml#	60
61) 1,2,4,5-Tetrachloroben...	5.642	216	379537	46.103	ug/ml	98
62) Biphenyl	5.906	154	911428	46.232	ug/ml	98
84) Dichloran	7.426	206	78977	40.328	ug/ml#	80
85) Pentachloronitrobenzene	7.560	237	81448	46.777	ug/ml#	79
99) Diphenamid	8.526	167	669685	51.350	ug/ml#	69

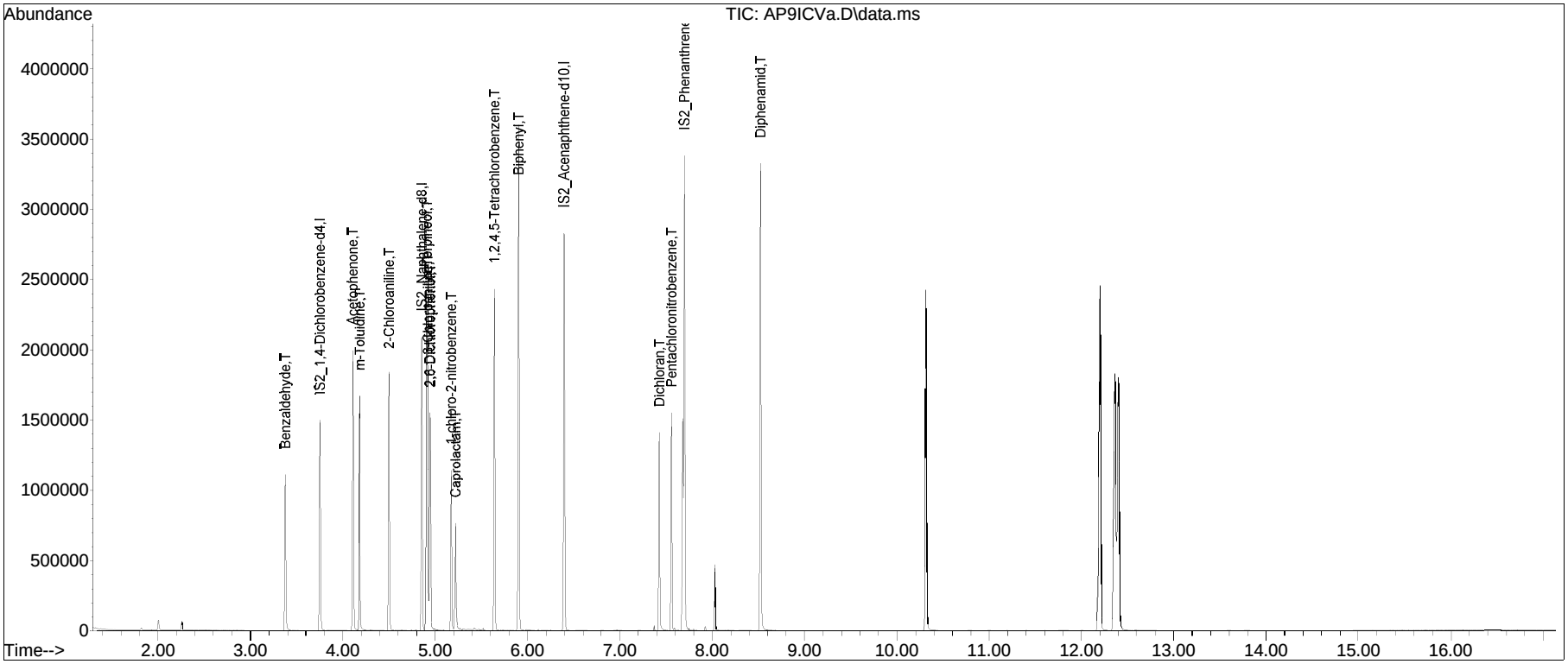
(#) = qualifier out of range (m) = manual integration (+) = signals summed

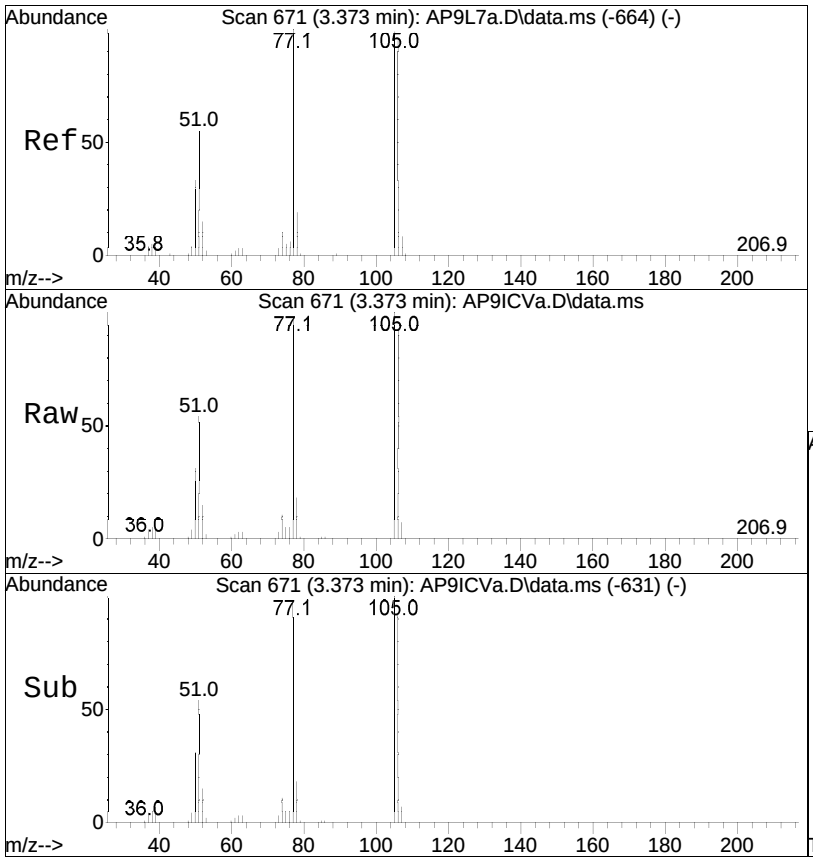
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\250829ICAL\
Data File : AP9ICVa.D
Acq On : 03 Sep 2025 07:25 am
Operator : SV134:mrg
Sample : CQICV2,32,,AP9ICV Lot# 11810
Misc : WG2110324
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 03 16:25:10 2025
Quant Method : I:\8270\SV134\250829ICAL\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Sep 03 16:24:42 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistAL\AP9L7a.D•

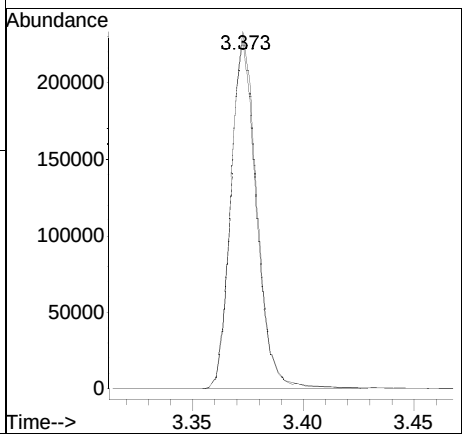


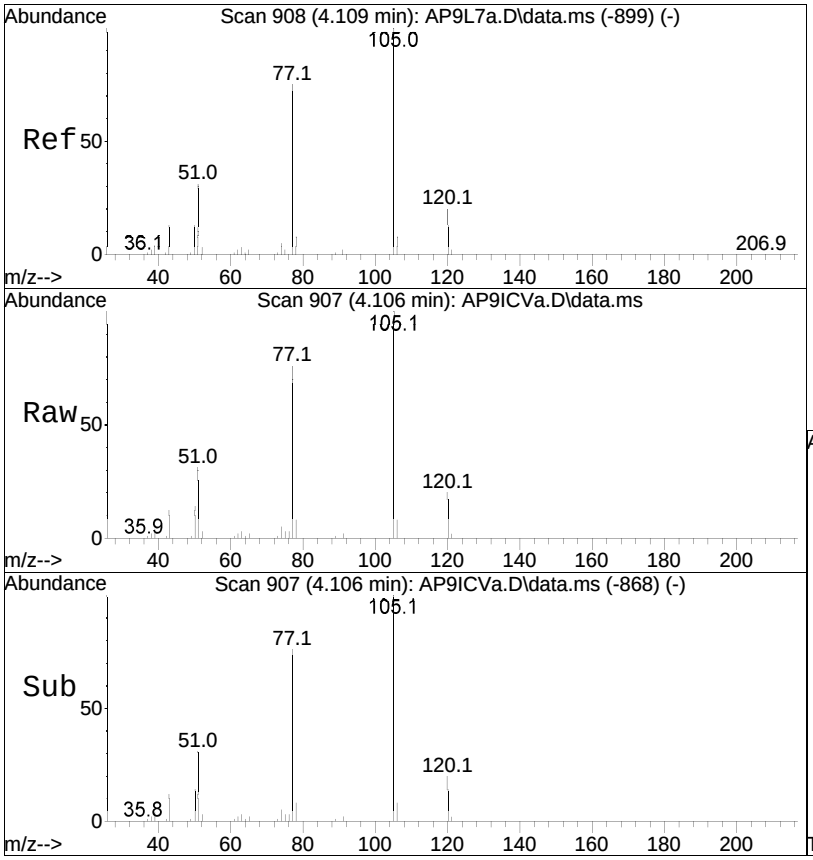


#28
Benzaldehyde
Concen: 55.91 ug/ml
RT: 3.373 min Scan# 671
Delta R.T. -0.000 min
Lab File: AP9ICVa.D
Acq: 03 Sep 2025 07:25 am

Tgt Ion:105 Resp: 189260

Ion	Ratio	Lower	Upper
105	100		
77	97.0	79.4	119.0

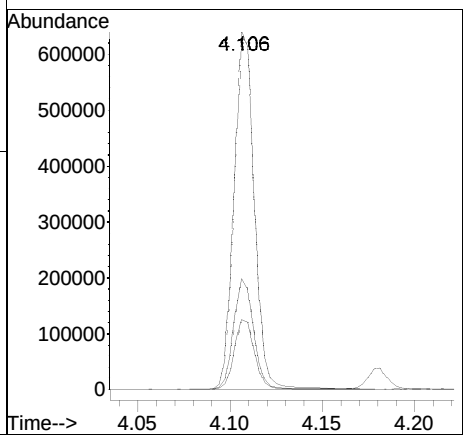


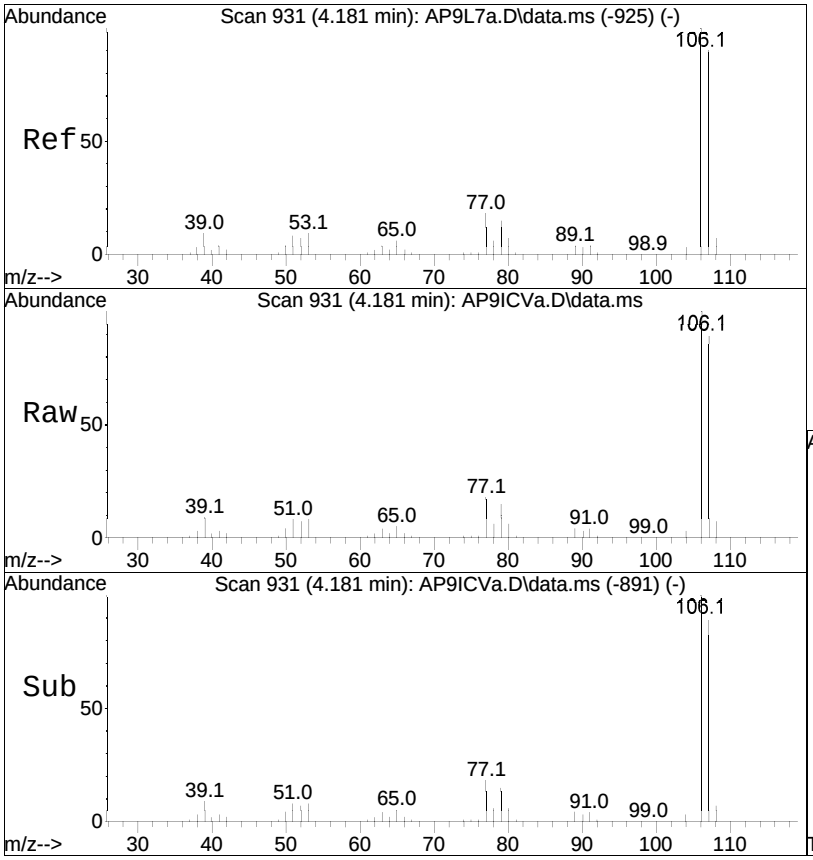


#29
Acetophenone
Concen: 48.01 ug/ml
RT: 4.106 min Scan# 907
Delta R.T. -0.003 min
Lab File: AP9ICVa.D
Acq: 03 Sep 2025 07:25 am

Tgt Ion:105 Resp: 483947

Ion	Ratio	Lower	Upper
105	100		
120	19.7	19.9	29.9#
51	30.8	17.8	26.6#

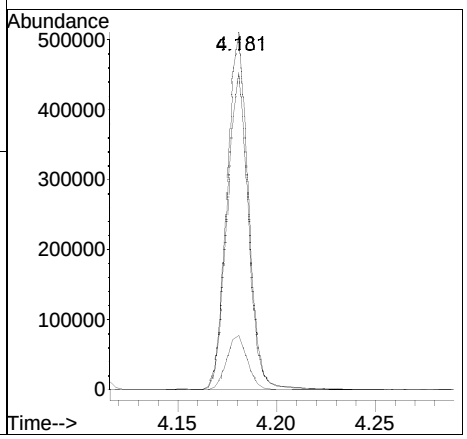


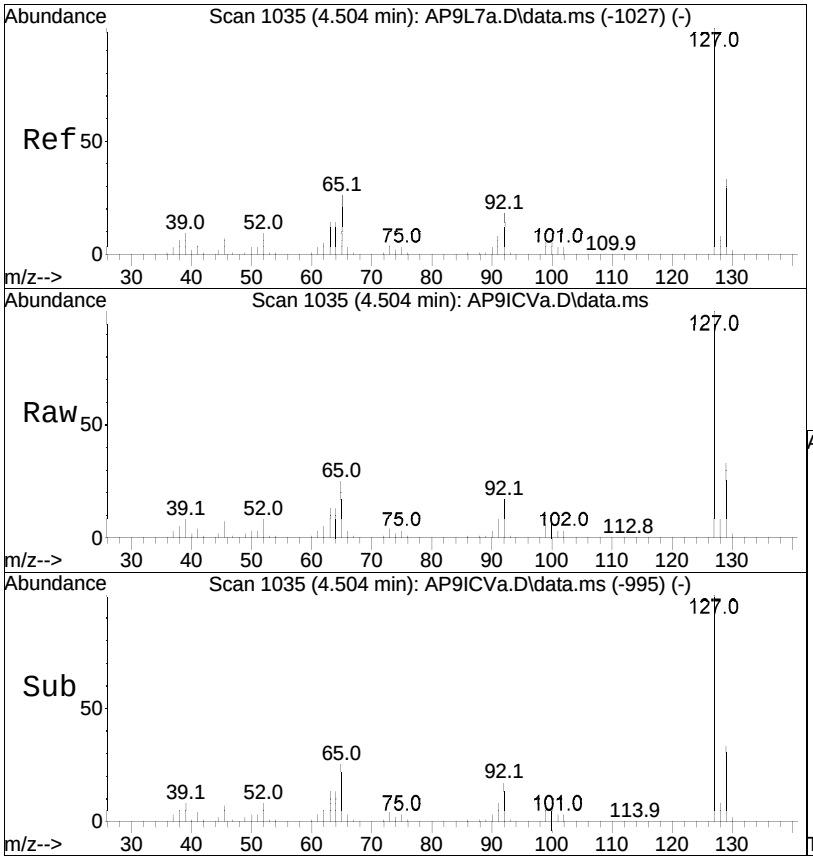


#30
m-Toluidine
Concen: 55.71 ug/ml
RT: 4.181 min Scan# 931
Delta R.T. 0.000 min
Lab File: AP9ICVa.D
Acq: 03 Sep 2025 07:25 am

Tgt Ion:106 Resp: 379375

Ion	Ratio	Lower	Upper
106	100		
107	88.6	72.6	109.0
79	15.1	11.2	16.8

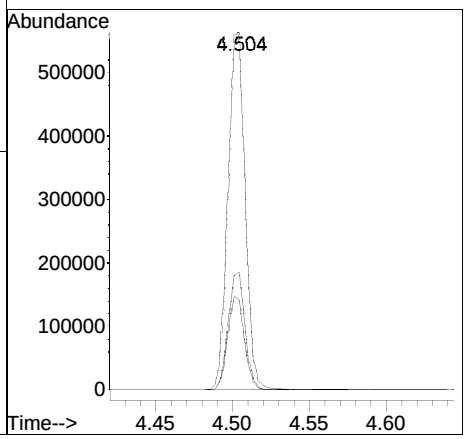


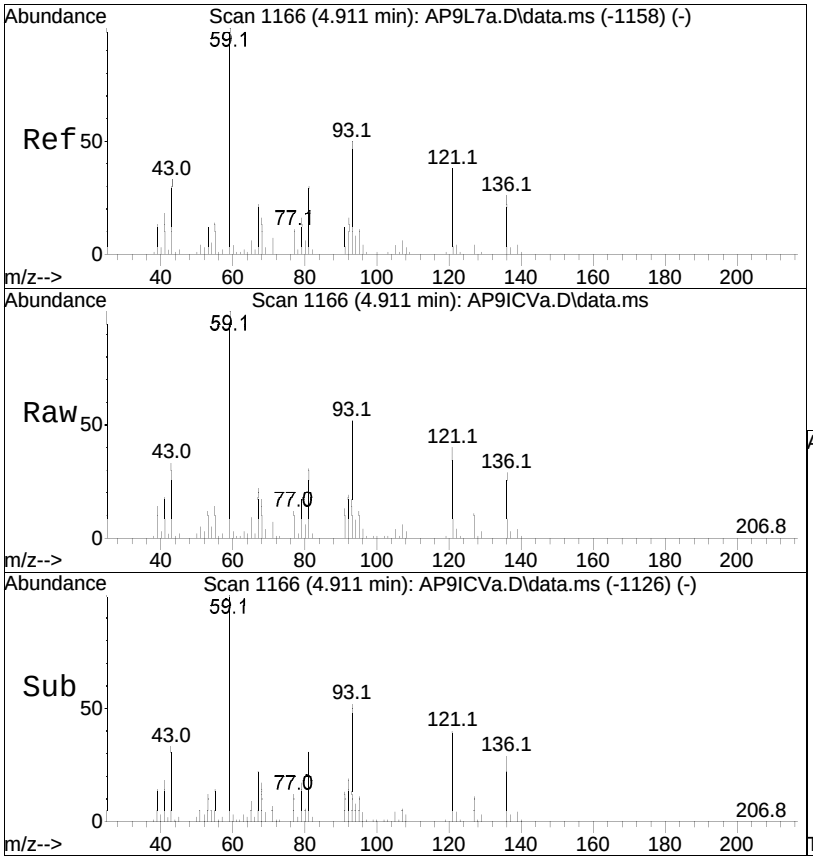


#31
2-Chloroaniline
Concen: 47.99 ug/ml
RT: 4.504 min Scan# 1035
Delta R.T. 0.000 min
Lab File: AP9ICVa.D
Acq: 03 Sep 2025 07:25 am

Tgt Ion:127 Resp: 433282

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.0	39.0
65	25.7	17.7	26.5

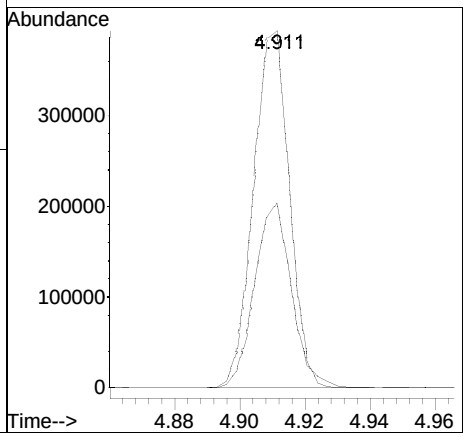


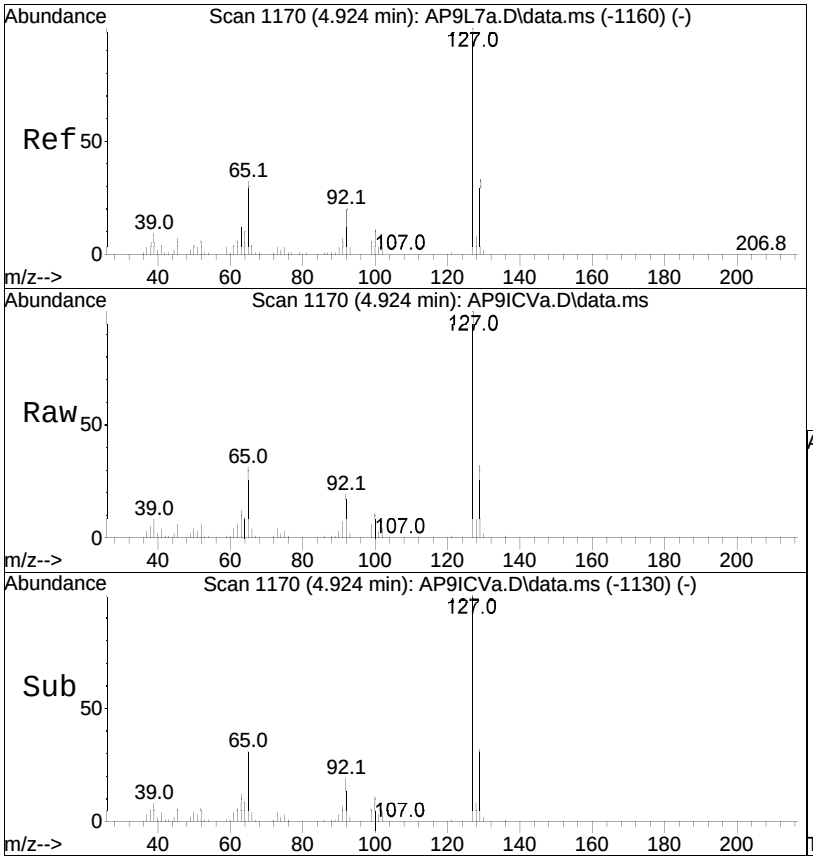


#56
a-Terpineol
Concen: 45.34 ug/ml
RT: 4.911 min Scan# 1166
Delta R.T. 0.000 min
Lab File: AP9ICVa.D
Acq: 03 Sep 2025 07:25 am

Tgt Ion: 59 Resp: 300018

Ion	Ratio	Lower	Upper
59	100		
93	53.8	59.1	88.7#

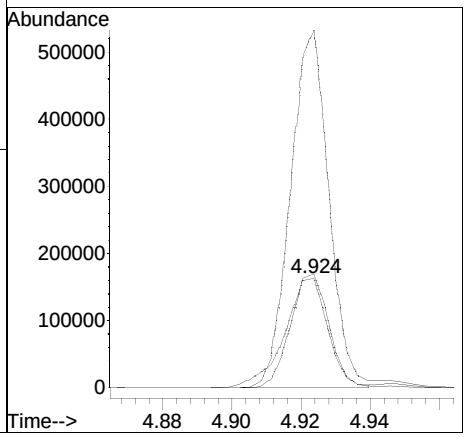


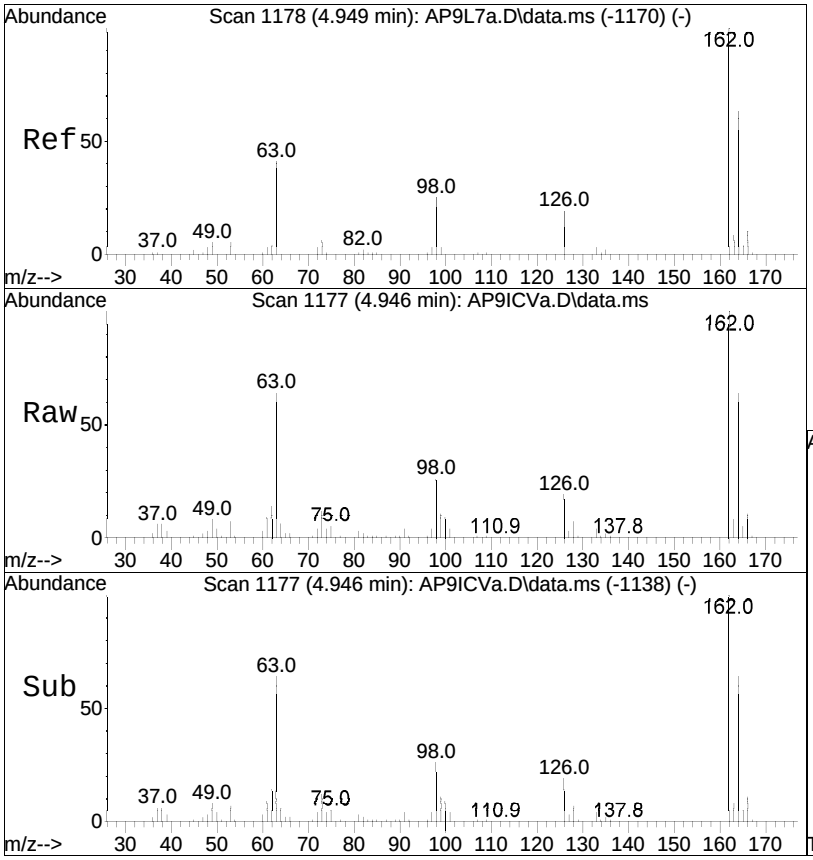


#57
3-Chloroaniline
Concen: 48.14 ug/ml
RT: 4.924 min Scan# 1170
Delta R.T. -0.000 min
Lab File: AP9ICVa.D
Acq: 03 Sep 2025 07:25 am

Tgt Ion: 65 Resp: 141584

Ion	Ratio	Lower	Upper
65	100		
127	294.4	273.4	410.2
129	94.5	88.0	132.0

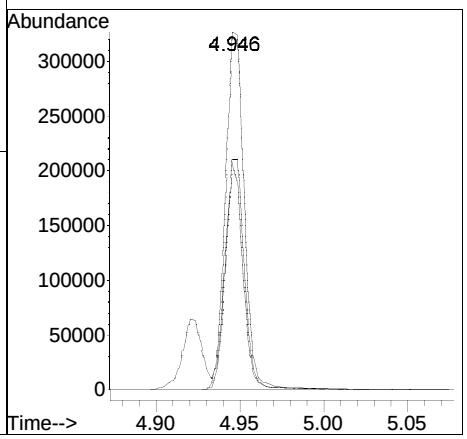


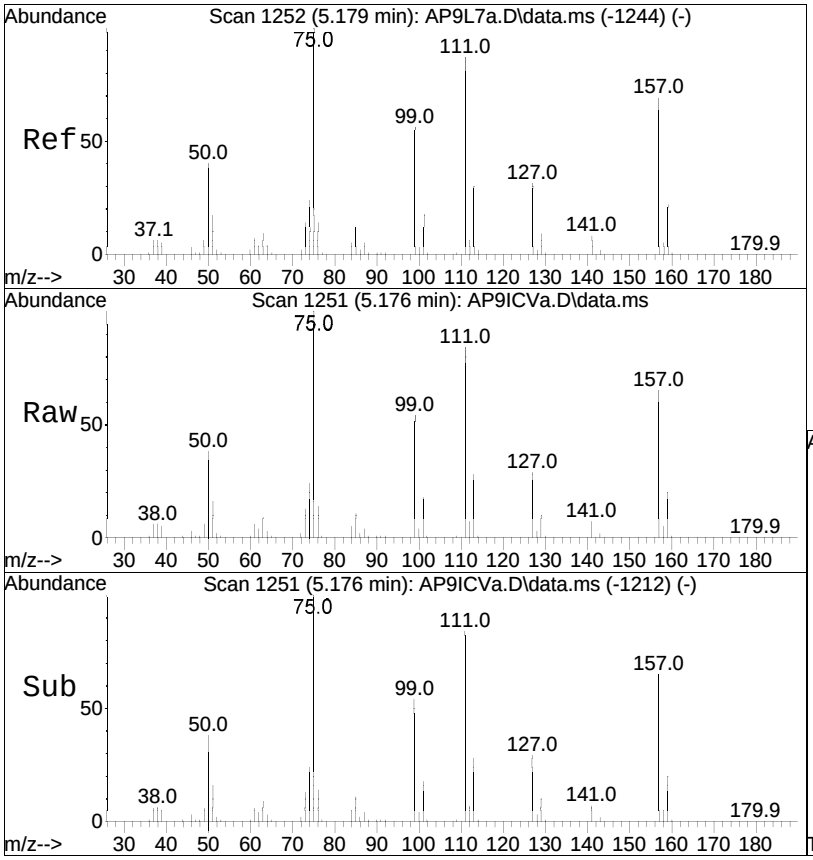


#58
2,6-Dichlorophenol
Concen: 49.62 ug/ml
RT: 4.946 min Scan# 1177
Delta R.T. -0.003 min
Lab File: AP9ICVa.D
Acq: 03 Sep 2025 07:25 am

Tgt Ion:162 Resp: 253202

Ion	Ratio	Lower	Upper
162	100		
164	63.8	50.6	75.8
63	60.4	50.5	75.7

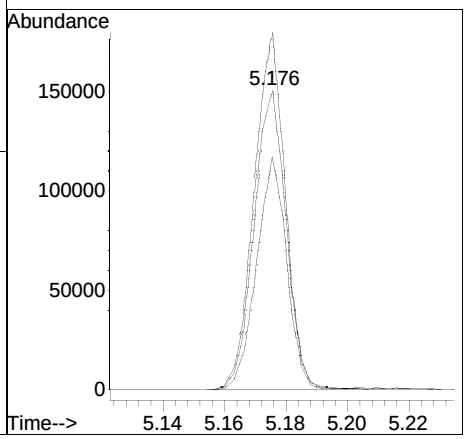


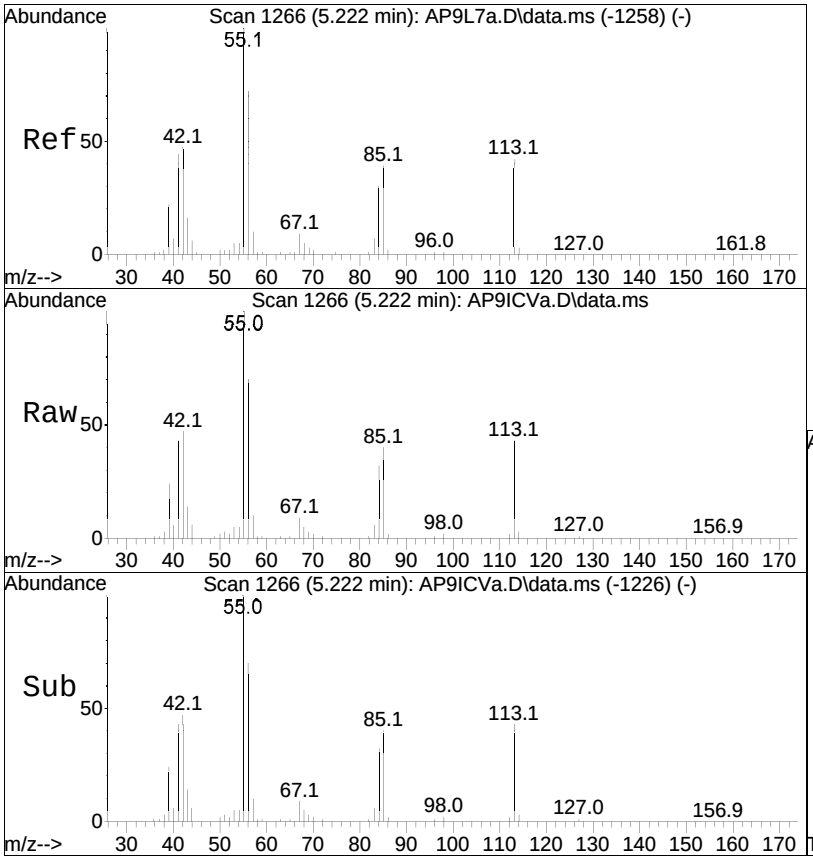


#59
1-chloro-2-nitrobenzene
Concen: 48.34 ug/ml
RT: 5.176 min Scan# 1251
Delta R.T. -0.003 min
Lab File: AP9ICVa.D
Acq: 03 Sep 2025 07:25 am

Tgt Ion:111 Resp: 108125

Ion	Ratio	Lower	Upper
111	100		
157	73.9	55.1	82.7
75	116.1	100.1	150.1

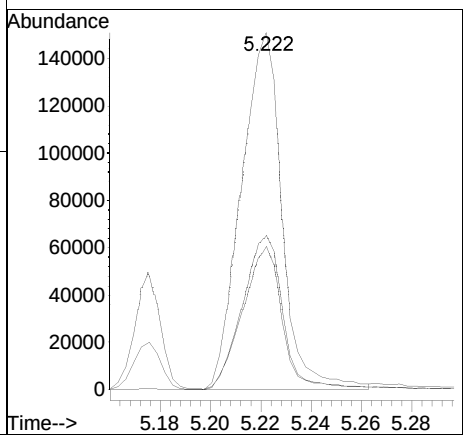


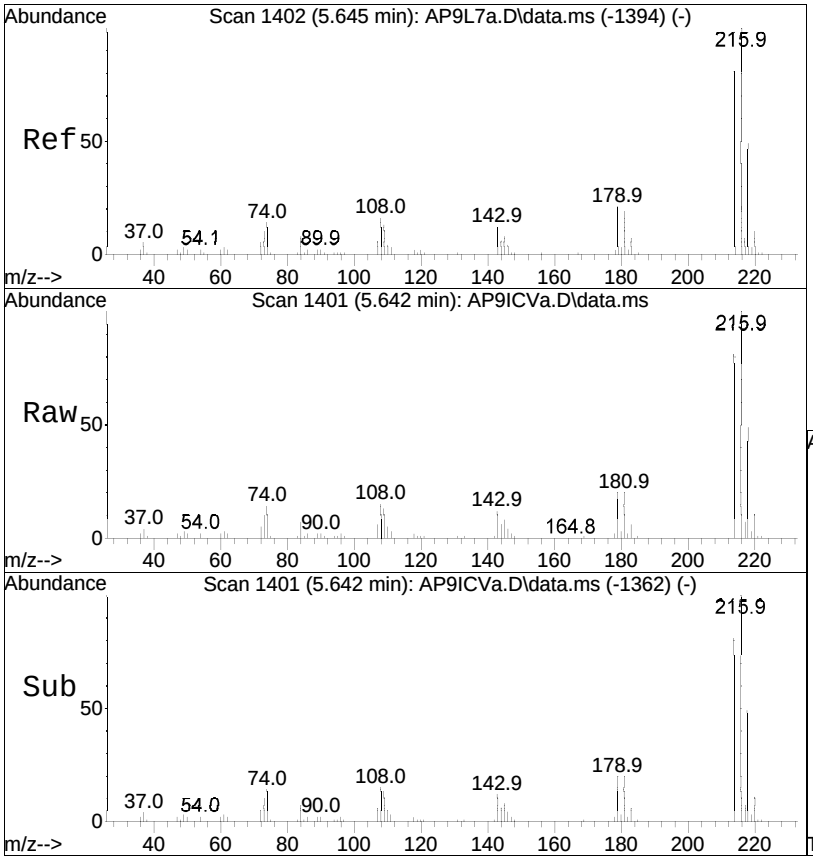


#60
Caprolactam
Concen: 48.13 ug/ml
RT: 5.222 min Scan# 1266
Delta R.T. 0.000 min
Lab File: AP9ICVa.D
Acq: 03 Sep 2025 07:25 am

Tgt Ion: 55 Resp: 169365

Ion	Ratio	Lower	Upper
55	100		
85	40.3	47.4	71.2#
113	42.7	71.0	106.4#

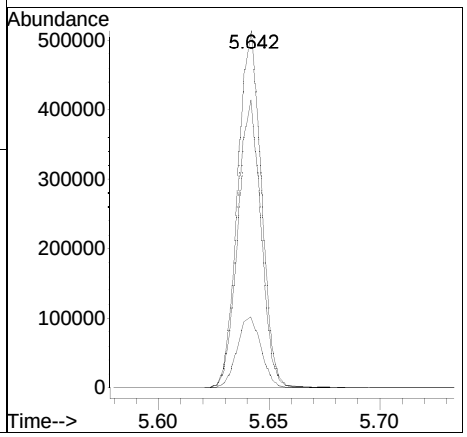


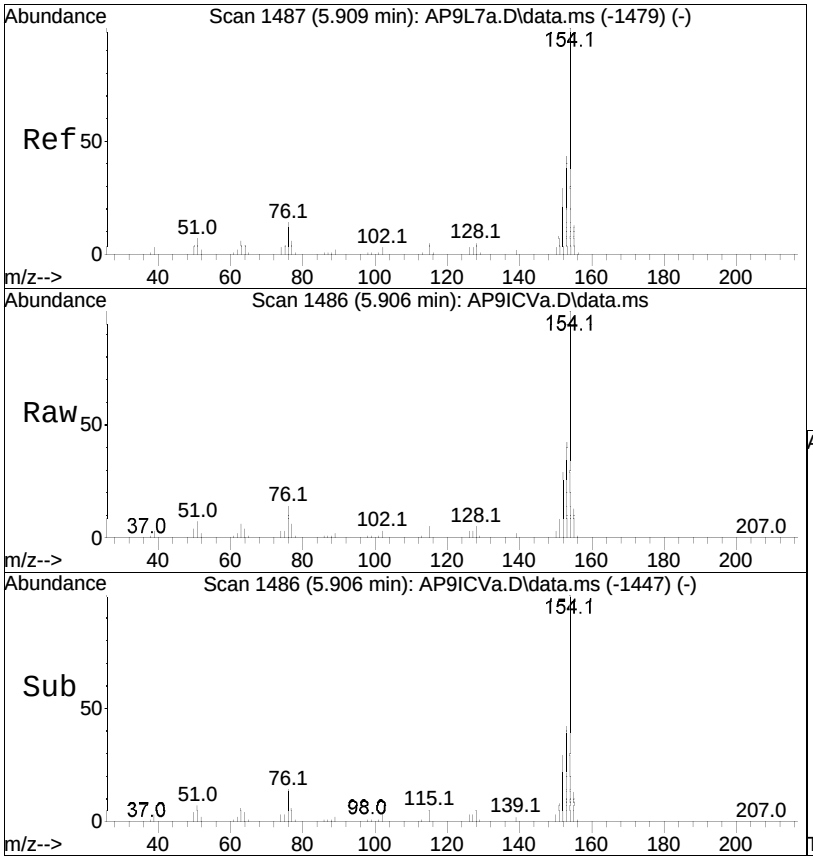


#61
1,2,4,5-Tetrachlorobenzene
Concen: 46.10 ug/ml
RT: 5.642 min Scan# 1401
Delta R.T. -0.003 min
Lab File: AP9ICVa.D
Acq: 03 Sep 2025 07:25 am

Tgt Ion:216 Resp: 379537

Ion	Ratio	Lower	Upper
216	100		
214	79.3	64.2	96.2
179	20.3	17.8	26.8

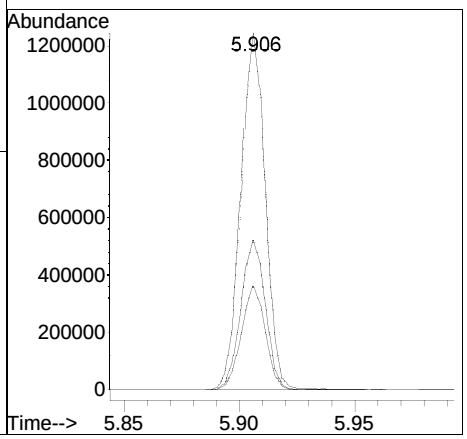


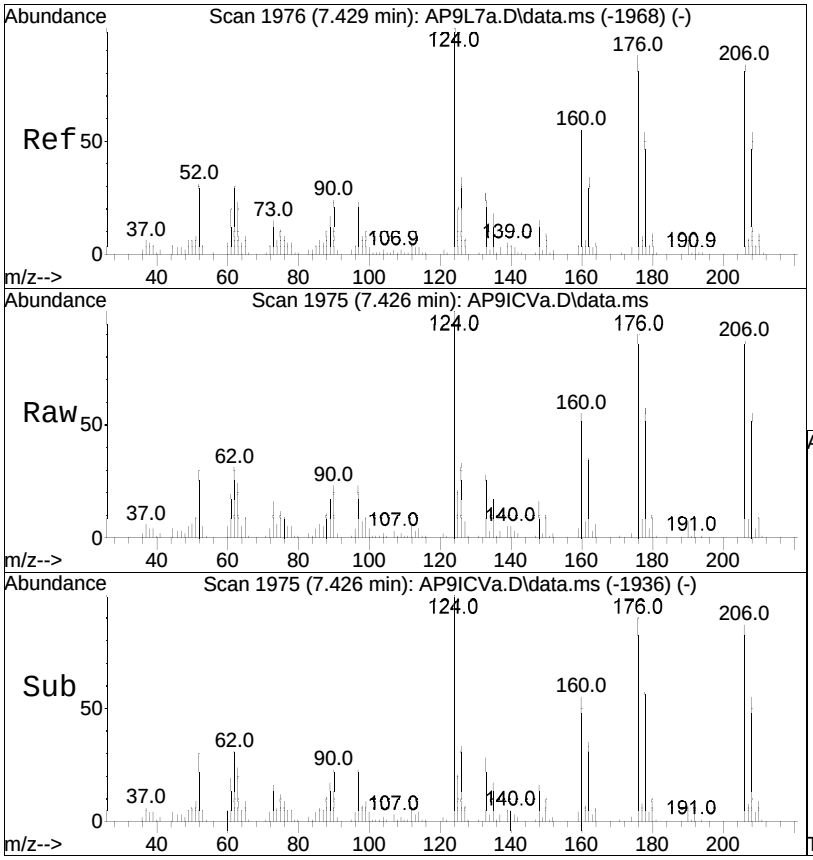


#62
Biphenyl
Concen: 46.23 ug/ml
RT: 5.906 min Scan# 1486
Delta R.T. -0.003 min
Lab File: AP9ICVa.D
Acq: 03 Sep 2025 07:25 am

Tgt Ion:154 Resp: 911428

Ion	Ratio	Lower	Upper
154	100		
153	42.5	35.1	52.7
152	29.0	24.0	36.0

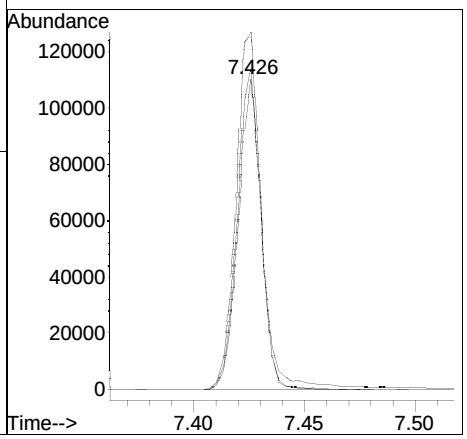


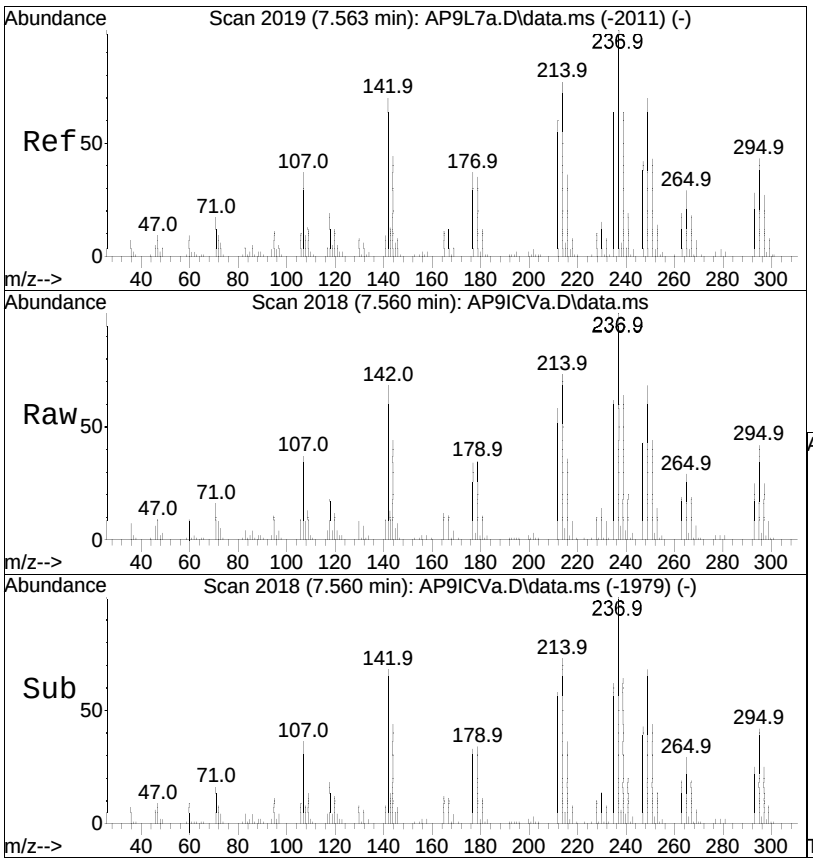


#84
Dichloran
Concen: 40.33 ug/ml
RT: 7.426 min Scan# 1975
Delta R.T. -0.003 min
Lab File: AP9ICVa.D
Acq: 03 Sep 2025 07:25 am

Tgt Ion:206 Resp: 78977

Ion	Ratio	Lower	Upper
206	100		
176	113.6	93.0	139.6
124	121.8	133.2	199.8#

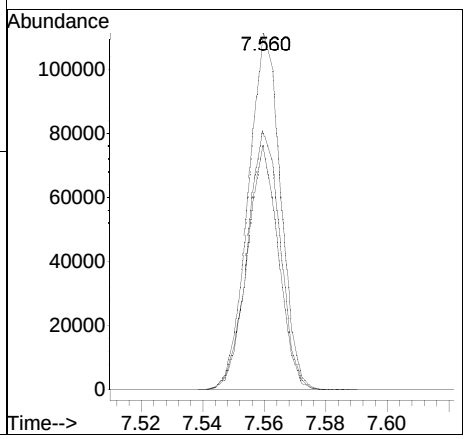


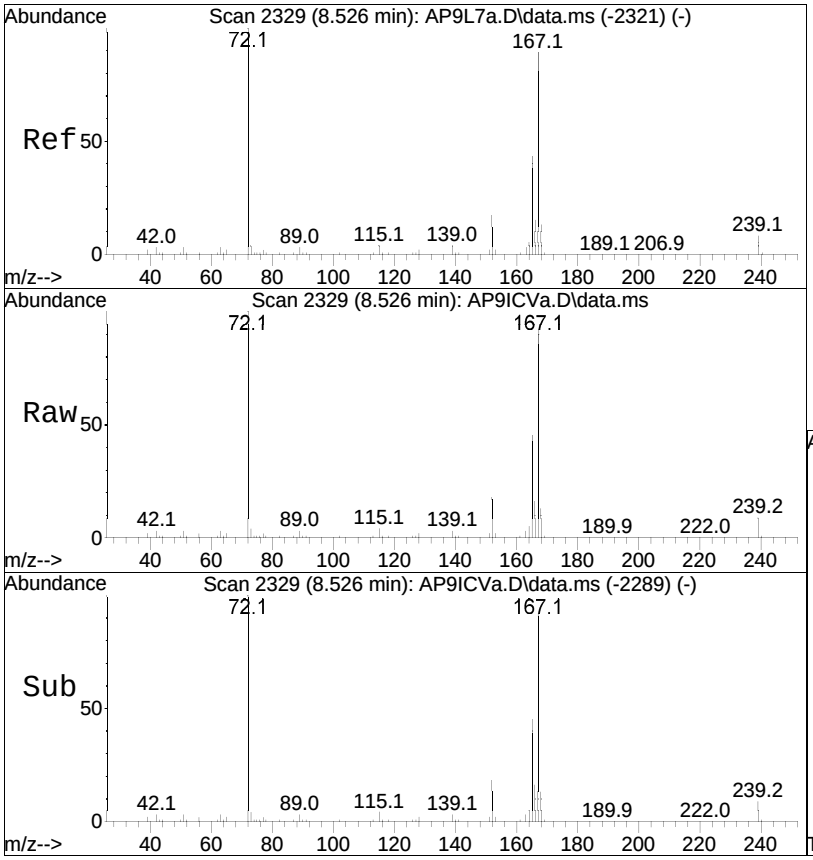


#85
Pentachloronitrobenzene
Concen: 46.78 ug/ml
RT: 7.560 min Scan# 2018
Delta R.T. -0.003 min
Lab File: AP9ICVa.D
Acq: 03 Sep 2025 07:25 am

Tgt Ion:237 Resp: 81448

Ion	Ratio	Lower	Upper
237	100		
142	66.8	79.9	119.9#
214	73.3	56.7	85.1

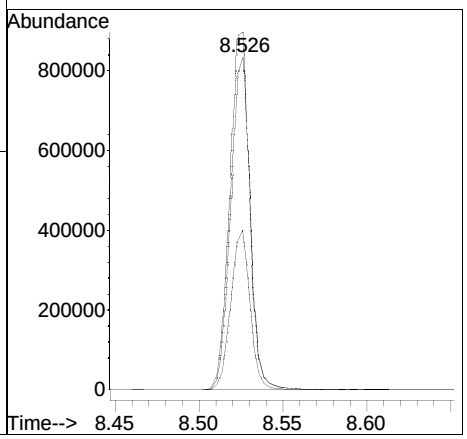




#99
Diphenamid
Concen: 51.35 ug/ml
RT: 8.526 min Scan# 2329
Delta R.T. 0.000 min
Lab File: AP9ICVa.D
Acq: 03 Sep 2025 07:25 am

Tgt Ion:167 Resp: 669685

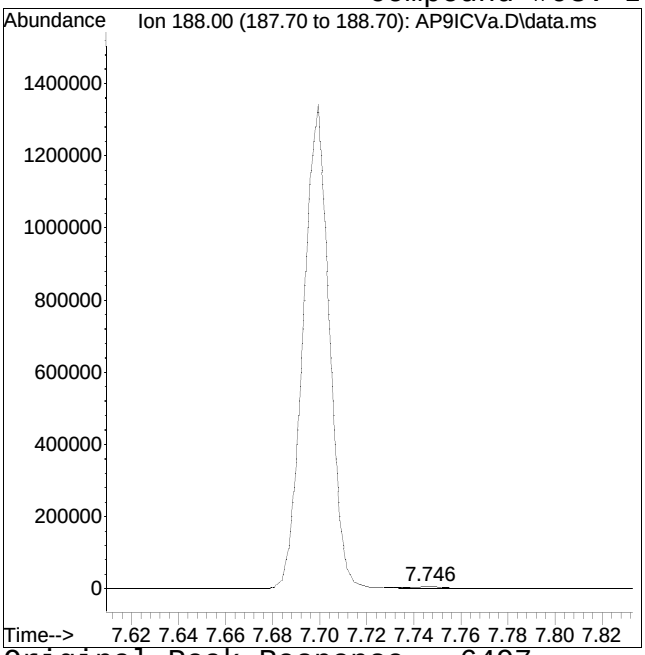
Ion	Ratio	Lower	Upper
167	100		
72	109.2	127.1	190.7#
165	47.7	44.1	66.1

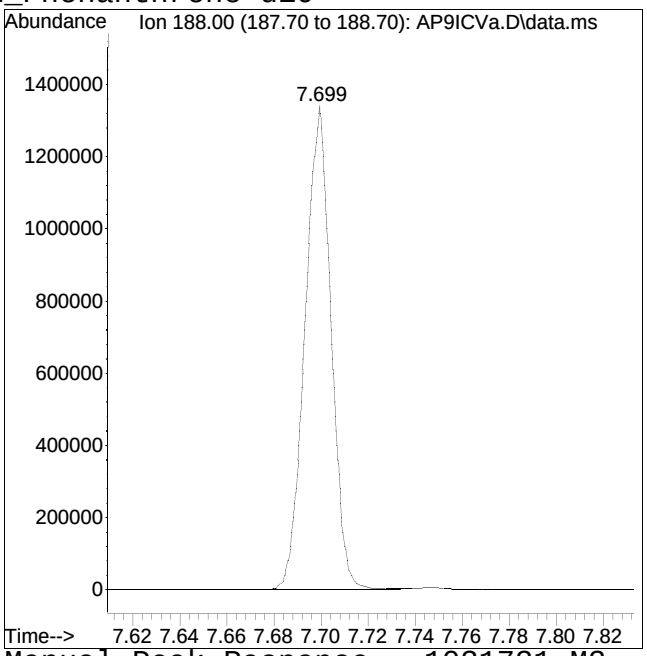


Manual Integration Report

Data Path : I:\8270\SV134\250829ICAL\ QMethod : FS250829SV134.m
Data File : AP9ICVa.D Operator : SV134:mrg
Date Inj'd : 9/3/2025 7:25 am Instrument : SV134
Sample : CQICV2,32,,AP9ICV Lot# 118Quant Date : 9/3/2025 4:25 pm

Compound #98: IS2_Phenanthrene-d10





Original Peak Response = 6497 Manual Peak Response = 1031731 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Evaluate Relative Error Report SV134

Method Path : I:\8270\SV134\250829ICAL\
Method File : FS250829SV134.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Sep 03 16:24:42 2025

	COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
37	T Benzoic Acid	L	ug/ml	50.0	48.582	-2.8	2.00	2.303	15.1
53	T 2,6-Dinitrotoluene	L	ug/ml	50.0	51.245	2.5	1.00	1.201	20.1
66	T 2,4-Dinitrophenol	L	ug/ml	50.0	50.487	1.0	3.00	3.361	12.0
68	T 2,4-Dinitrotoluene	L	ug/ml	50.0	50.297	0.6	2.00	2.262	13.1
76	T 4,6-Dinitro-o-cresol	L	ug/ml	50.0	49.834	-0.3	2.00	2.469	23.4
82	T Pentachlorophenol	L	ug/ml	50.0	48.503	-3.0	3.00	3.546	18.2
84	T Dichloran	L	ug/ml	50.0	45.406	-9.2	5.00	6.144	22.9
102	T Parathion	L	ug/ml	50.0	46.176	-7.6	5.00	5.886	17.7

Calibration Correlation Report

	COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
37	T Benzoic Acid	Linear	0.997290	0.000000	0.206393	-0.010391
53	T 2,6-Dinitrotoluene	Linear	0.998357	0.000000	0.16663	-0.00286305
66	T 2,4-Dinitrophenol	Linear	0.998210	0.000000	0.122035	-0.00720706
68	T 2,4-Dinitrotoluene	Linear	0.999146	0.000000	0.410158	-0.0116801
76	T 4,6-Dinitro-o-cresol	Linear	0.998921	0.000000	0.191086	-0.00777045
82	T Pentachlorophenol	Linear	0.998793	0.000000	0.323189	-0.017698
84	T Dichloran	Linear	0.996231	0.000000	0.174152	-0.0147186
102	T Parathion	Linear	0.998300	0.000000	0.1251	-0.0102926

Response Factor Report SV103

Method Path : I:\8270\SV103\251116ical\
Method File : FS251116SV103.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Nov 19 15:17:01 2025
Response Via : Initial Calibration

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	ISTD											
2)	t	N-Nitrosodimethylamine	0.738	0.696	0.738	0.726	0.740	0.749	0.780	0.818	0.823	0.803	0.761	5.60
3)	t	Pyridine	1.208	1.240	1.271	1.276	1.275	1.270	1.331	1.387	1.396	1.376	1.303	5.02
4)	S	2-Fluorophenol	1.114	1.064	1.107	1.093	1.134	1.152	1.187	1.237	1.247		1.148	5.54
5)	T	Aniline	1.934	1.905	1.934	1.923	1.897	1.935	1.989	2.094	2.082	2.016	1.971	3.63
6)	t	2-Chlorophenol	1.241	1.237	1.230	1.244	1.263	1.286	1.304	1.364	1.346	1.282	1.280	3.64
7)	S	Phenol-d6	1.370	1.319	1.358	1.332	1.372	1.408	1.449	1.526	1.510	1.458	1.410	5.14
8)	T	Phenol	1.617	1.588	1.610	1.620	1.618	1.670	1.715	1.800	1.774	1.720	1.673	4.48
9)	T	bis(2-Chloroethyl)ether	1.272	1.204	1.208	1.194	1.180	1.191	1.207	1.261	1.245		1.218	2.71
10)	T	1,3-Dichlorobenzene	1.679	1.609	1.590	1.559	1.539	1.535	1.551	1.573	1.533	1.494	1.566	3.27
11)	T	1,4-Dichlorobenzene	1.681	1.603	1.592	1.572	1.552	1.537	1.563	1.579	1.528	1.472	1.568	3.48
12)	T	1,2-Dichlorobenzene	1.592	1.523	1.531	1.487	1.480	1.459	1.475	1.494	1.451	1.401	1.489	3.46
13)	t	Benzyl alcohol	0.930	0.928	0.923	0.938	0.965	1.009	1.042	1.090	1.066		0.988	6.61
14)	T	bis(2-chloroisopropyl)ether	1.809	1.757	1.715	1.700	1.660	1.667	1.682	1.734	1.680	1.592	1.699	3.49
15)	T	2-Methylphenol	1.087	1.099	1.093	1.095	1.108	1.138	1.142	1.191	1.158	1.098	1.121	3.08
16)	T	Hexachloroethane	0.601	0.555	0.556	0.542	0.548	0.554	0.554	0.568	0.547	0.526	0.555	3.49
17)	T	n-Nitrosodi-n-propylamine	0.839	0.859	0.854	0.851	0.839	0.877	0.903	0.945	0.919	0.871	0.876	4.08
18)	T	3-Methylphenol/4-Methylphenol	1.169	1.156	1.160	1.159	1.175	1.207	1.225	1.264	1.235	1.163	1.191	3.24
19)	S	Nitrobenzene-d5	1.113	1.091	1.112	1.124	1.148	1.215	1.239	1.295	1.267	1.173	1.178	6.13
20)	T	Nitrobenzene	1.164	1.165	1.153	1.186	1.223	1.281	1.307	1.342	1.304	1.224	1.235	5.58
21)	T	Isophorone	2.366	2.284	2.290	2.306	2.323	2.421	2.443	2.552	2.477	2.354	2.381	3.75
22)	T	2-Nitrophenol			0.447	0.460	0.503	0.565	0.609	0.661	0.654	0.588	0.561	14.78
23)	T	2,4-Dimethylphenol	1.190	1.188	1.241	1.224	1.237	1.281	1.307	1.356	1.322	1.245	1.259	4.44
24)	T	bis(2-Chloroethoxy)methane	1.621	1.556	1.541	1.567	1.512	1.554	1.562	1.615	1.574	1.478	1.558	2.73
25)	T	2,4-Dichlorophenol	1.065	1.069	1.089	1.128	1.139	1.187	1.201	1.236	1.198	1.127	1.144	5.21
26)	T	1,2,4-Trichlorobenzene	1.480	1.405	1.377	1.373	1.339	1.324	1.330	1.357	1.298	1.235	1.352	4.82
27)	I	IS2_1,4-Dichlorobenzene-d4	ISTD											
28)	T	Benzaldehyde	0.928	0.967	0.971	1.010	1.039	1.046	1.062	1.077	1.074	1.088	1.026	5.34
29)	T	Acetophenone	1.579	1.675	1.663	1.750	1.792	1.827	1.848	1.853	1.833	1.828	1.765	5.39
30)	T	m-Toluidine	1.534	1.610	1.660	1.732	1.760	1.809	1.828	1.834	1.794	1.777	1.734	5.81
31)	T	2-Chloroaniline	1.431	1.477	1.485	1.562	1.598	1.623	1.636	1.643	1.611	1.610	1.568	4.84
32)	I	IS3_1,4-Dichlorobenzene-d4	ISTD											
33)	T	1,4-Dioxane	0.433	0.522	0.496	0.488	0.472	0.490	0.460	0.458	0.458	0.457	0.473	5.41
34)	T	n-Decane	1.402	1.413	1.371	1.400	1.338	1.442	1.358	1.353	1.330	1.315	1.372	2.97
35)	I	IS1_Naphthalene-d8	ISTD											
36)	T	Naphthalene	1.140	1.083	1.078	1.073	1.034	1.028	1.015	1.022	0.987	0.950	1.041	5.22
37)	T	Benzoic Acid					0.171	0.208	0.234	0.264	0.270	0.251	0.233	16.23
38)	T	4-Chloroaniline	0.129	0.125	0.125	0.128	0.125	0.129	0.130	0.133	0.131	0.127	0.128	2.22
39)	T	Hexachlorobutadiene	0.241	0.236	0.233	0.230	0.221	0.225	0.219	0.224	0.220	0.213	0.226	3.82
40)	T	p-Chloro-m-cresol	0.251	0.254	0.268	0.272	0.278	0.296	0.305	0.321	0.319	0.308	0.287	9.04
41)	T	2-Methylnaphthalene	0.679	0.662	0.652	0.666	0.638	0.649	0.649	0.657	0.647	0.622	0.652	2.39
42)	T	1-Methylnaphthalene	0.242	0.236	0.230	0.233	0.222	0.226	0.229	0.235	0.230	0.223	0.231	2.56
43)	T	Hexachlorocyclopentadiene		0.183	0.188	0.203	0.214	0.234	0.244	0.264	0.261	0.250	0.227	13.59
44)	T	2,4,6-Trichlorophenol	0.188	0.194	0.192	0.207	0.216	0.233	0.238	0.251	0.246	0.234	0.220	10.73
45)	T	2,4,5-Trichlorophenol	0.206	0.215	0.218	0.238	0.234	0.254	0.261	0.269	0.266	0.256	0.242	9.37

Response Factor Report SV103

Method Path : I:\8270\SV103\251116ical\
Method File : FS251116SV103.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Nov 19 15:17:01 2025
Response Via : Initial Calibration

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
46)	S	2-Fluorobiphenyl	0.932	0.872	0.852	0.870	0.822	0.829	0.822	0.818	0.780	0.747	0.834	6.17
47)	T	2-Chloronaphthalene	0.774	0.737	0.714	0.731	0.704	0.710	0.703	0.715	0.689	0.658	0.714	4.28
48)	T	2-Nitroaniline			0.145	0.163	0.173	0.202	0.214	0.228	0.226	0.216	0.196	16.04
49)	T	1,4-Dinitrobenzene				0.070	0.075	0.090	0.099	0.108	0.108	0.103	0.093	16.53
50)	T	1,3-Dinitrobenzene				0.082	0.094	0.108	0.115	0.121	0.119	0.113	0.107	13.24
51)	T	Dimethyl phthalate	0.854	0.863	0.811	0.840	0.829	0.849	0.851	0.850	0.822	0.789	0.836	2.74
52)	T	Acenaphthylene	1.132	1.132	1.125	1.150	1.118	1.142	1.119	1.120	1.074	1.021	1.113	3.45
53)	T	2,6-Dinitrotoluene	0.112	0.121	0.121	0.138	0.150	0.168	0.173	0.179	0.174	0.169	0.150	17.08
54)	T	1,2-Dinitrobenzene	0.046	0.053	0.052	0.061	0.063	0.072	0.074	0.076	0.075	0.072	0.064	16.75
55)	I	IS2_Naphthalene-d8	ISTD											
56)	T	a-Terpineol	0.238	0.247	0.263	0.262	0.271	0.282	0.289	0.289	0.281	0.281	0.270	6.49
57)	T	3-Chloroaniline	0.127	0.126	0.142	0.142	0.144	0.144	0.145	0.144	0.138	0.139	0.139	4.98
58)	T	2,6-Dichlorophenol	0.219	0.233	0.249	0.254	0.269	0.285	0.292	0.295	0.288	0.290	0.267	10.11
59)	T	1-chloro-2-nitrobenzene	0.085	0.085	0.096	0.098	0.104	0.114	0.124	0.130	0.129	0.131	0.110	16.62
60)	T	Caprolactam	0.112	0.106	0.123	0.128	0.142	0.150	0.158	0.161	0.156	0.158	0.139	14.63
61)	T	1,2,4,5-Tetrachlorobenzene	0.371	0.375	0.394	0.384	0.390	0.383	0.380	0.377	0.359	0.358	0.377	3.15
62)	T	Biphenyl	0.837	0.854	0.891	0.889	0.886	0.878	0.872	0.849	0.804	0.791	0.855	4.16
63)	I	IS1_Acenaphthene-d10	ISTD											
64)	T	3-Nitroaniline		0.253	0.265	0.290	0.310	0.337	0.349	0.360	0.360	0.346	0.319	12.93
65)	T	Acenaphthene	1.226	1.175	1.161	1.140	1.102	1.102	1.091	1.094	1.070	1.030	1.119	5.08
66)	T	2,4-Dinitrophenol				0.078	0.095	0.121	0.136	0.157	0.160	0.151	*L	0.9975
67)	T	Dibenzofuran	2.013	1.896	1.901	1.913	1.812	1.812	1.790	1.785	1.732	1.655	1.831	5.59
68)	T	2,4-Dinitrotoluene		0.278	0.288	0.318	0.346	0.394	0.413	0.426	0.420	0.408	0.365	16.15
69)	T	4-Nitrophenol			0.167	0.179	0.200	0.225	0.243	0.258	0.268	0.259	0.225	17.24
70)	T	2,3,5,6-Tetrachlorophenol		0.290	0.291	0.314	0.335	0.366	0.378	0.392	0.388	0.373	0.347	11.77
71)	T	2,3,4,6-Tetrachlorophenol	0.272	0.290	0.323	0.341	0.363	0.381	0.383	0.390	0.387	0.370	0.350	12.07
72)	T	Diethyl phthalate	1.436	1.400	1.399	1.402	1.429	1.456	1.471	1.486	1.463	1.419	1.436	2.21
73)	T	Fluorene	1.511	1.465	1.455	1.462	1.430	1.436	1.419	1.416	1.381	1.313	1.429	3.76
74)	T	4-Chlorophenyl-phenylether	0.778	0.756	0.744	0.752	0.720	0.723	0.715	0.715	0.692	0.668	0.726	4.44
75)	T	4-Nitroaniline	0.220	0.251	0.261	0.281	0.303	0.323	0.338	0.340	0.336	0.327	0.298	14.27
76)	T	4,6-Dinitro-o-cresol				0.130	0.148	0.180	0.199	0.217	0.217	0.210	0.186	18.65
77)	T	NDPA/DPA	1.265	1.255	1.237	1.254	1.221	1.218	1.215	1.202	1.174	1.134	1.217	3.30
78)	T	Azobenzene	1.271	1.284	1.259	1.322	1.281	1.307	1.294	1.293	1.274	1.225	1.281	2.10
79)	S	2,4,6-Tribromophenol	0.134	0.171	0.181	0.189	0.197	0.215	0.224	0.236	0.235	0.229	0.201	16.38
80)	T	4-Bromophenyl-phenylether	0.471	0.472	0.463	0.465	0.451	0.458	0.457	0.462	0.459	0.452	0.461	1.54
81)	T	Hexachlorobenzene	0.567	0.563	0.544	0.542	0.517	0.521	0.519	0.532	0.523	0.515	0.534	3.55
82)	T	Pentachlorophenol			0.178	0.210	0.246	0.292	0.314	0.339	0.337	0.334	*L	0.9992
83)	I	IS2_Acenaphthene-d10	ISTD											
84)	T	Dichloran				0.092	0.107	0.131	0.155	0.176	0.177	0.187	*L	0.9965
85)	T	Pentachloronitrobenzene				0.114	0.127	0.152	0.170	0.182	0.181	0.186	0.159	18.06
86)	I	IS3_Acenaphthene-d10	ISTD											
87)	T	Atrazine	0.309	0.298	0.329	0.349	0.355	0.421	0.409	0.403	0.414	0.404	0.369	12.67
88)	I	IS1_Phenanthrene-d10	ISTD											
89)	T	Phenanthrene	1.305	1.176	1.158	1.133	1.101	1.088	1.080	1.075	1.048	0.996	1.116	7.56
90)	T	Anthracene	1.193	1.119	1.139	1.130	1.113	1.113	1.108	1.099	1.060	1.002	1.107	4.49

Response Factor Report SV103

Method Path : I:\8270\SV103\251116ical\
Method File : FS251116SV103.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Nov 19 15:17:01 2025
Response Via : Initial Calibration

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =AP9L3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

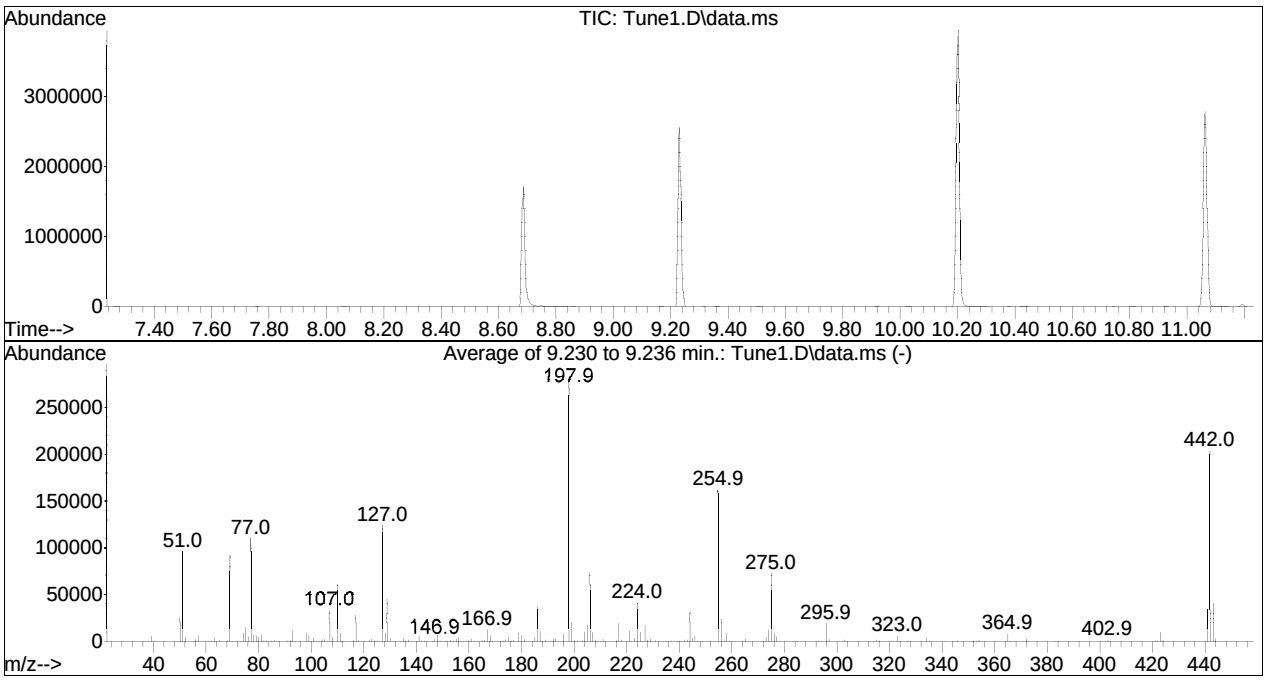
		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
91)	T	Carbazole	1.023	1.006	1.030	1.003	1.016	1.015	1.015	1.002	0.987	0.941	1.004	2.51
92)	T	Di-n-butylphthalate	0.961	0.983	1.012	1.066	1.138	1.228	1.259	1.271	1.245	1.191	1.135	10.63
93)	T	Fluoranthene	1.282	1.226	1.252	1.240	1.255	1.266	1.297	1.268	1.235	1.185	1.251	2.52
94)	T	Benzidine			0.626	0.676	0.727	0.810	0.857	0.915	0.919	0.908	0.875	0.813	13.58
95)	T	Pyrene	1.369	1.340	1.371	1.356	1.360	1.339	1.346	1.298	1.241	1.182	1.320	4.73
96)	S	4-Terphenyl-d14	1.032	0.986	1.008	1.001	1.011	0.995	1.029	1.006	0.975	0.934	0.998	2.86
97)	T	Butyl benzyl phthalate			0.370	0.398	0.461	0.511	0.564	0.582	0.578	0.563	0.503	16.73
98)	I	IS2_Phenanthrene-d10	ISTD											
99)	T	Diphenamid			0.377	0.415	0.431	0.457	0.486	0.503	0.516	0.498	0.511	0.466	10.50
100)	I	IS3_Phenanthrene-d10	ISTD											
101)	T	n-Octadecane			0.370	0.382	0.401	0.390	0.438	0.413	0.412	0.389	0.393	0.399	5.09
102)	T	Parathion					0.052	0.058	0.082	0.084	0.098	0.104	0.108	*L	0.9958
103)	T	3,3'-Dimethylbenzidine				0.533	0.606	0.674	0.828	0.813	0.840	0.820	0.788	0.738	15.93
104)	I	IS1_Chrysene-d12	ISTD											
105)	T	Benzo[a]anthracene	1.415	1.324	1.306	1.276	1.296	1.311	1.302	1.355	1.359	1.300	1.324	3.08
106)	T	3,3'-Dichlorobenzidine	0.400	0.427	0.453	0.467	0.497	0.527	0.536	0.557	0.551	0.526	0.494	11.04
107)	T	Chrysene	1.374	1.309	1.286	1.266	1.246	1.220	1.208	1.216	1.199	1.139	1.246	5.28
108)	T	bis(2-Ethylhexyl)phthalate			0.502	0.545	0.615	0.690	0.774	0.800	0.841	0.841	0.810	0.713	18.32
109)	T	Di-n-octylphthalate				0.766	0.879	1.072	1.256	1.361	1.479	1.510	1.454	*L	0.9987
110)	T	Benzo(b)fluoranthene	1.210	1.200	1.202	1.213	1.276	1.298	1.287	1.397	1.409	1.389	1.288	6.53
111)	T	Benzo(k)fluoranthene	1.211	1.208	1.272	1.248	1.273	1.261	1.292	1.307	1.297	1.204	1.257	3.04
112)	T	Benzo(a)pyrene	1.066	1.075	1.138	1.130	1.190	1.215	1.240	1.302	1.315	1.265	1.194	7.47
113)	I	IS1_Perylene-d12	ISTD											
114)	T	Indeno(1,2,3-cd)pyrene	0.950	0.953	0.940	0.983	0.999	1.088	1.145	1.211	1.244	1.214	1.073	11.39
115)	T	Dibenzo[a,h]anthracene	1.012	0.984	0.994	1.014	1.042	1.100	1.131	1.193	1.190	1.131	1.079	7.42
116)	T	Benzo(g,h,i)perylene	1.017	0.999	0.998	1.028	1.033	1.083	1.106	1.147	1.145	1.107	1.066	5.44

(#) = Out of Range

Data Path : I:\8270\SV103\251116ical\
Data File : Tune1.D
Acq On : 16 Nov 2025 10:01 pm
Operator : SV103:mrg
Sample : Tune1 Lot#12020
Misc : WG2143949
ALS Vial : 141 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\SV103\251116ical\FS251116SV103.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Nov 19 15:17:01 2025



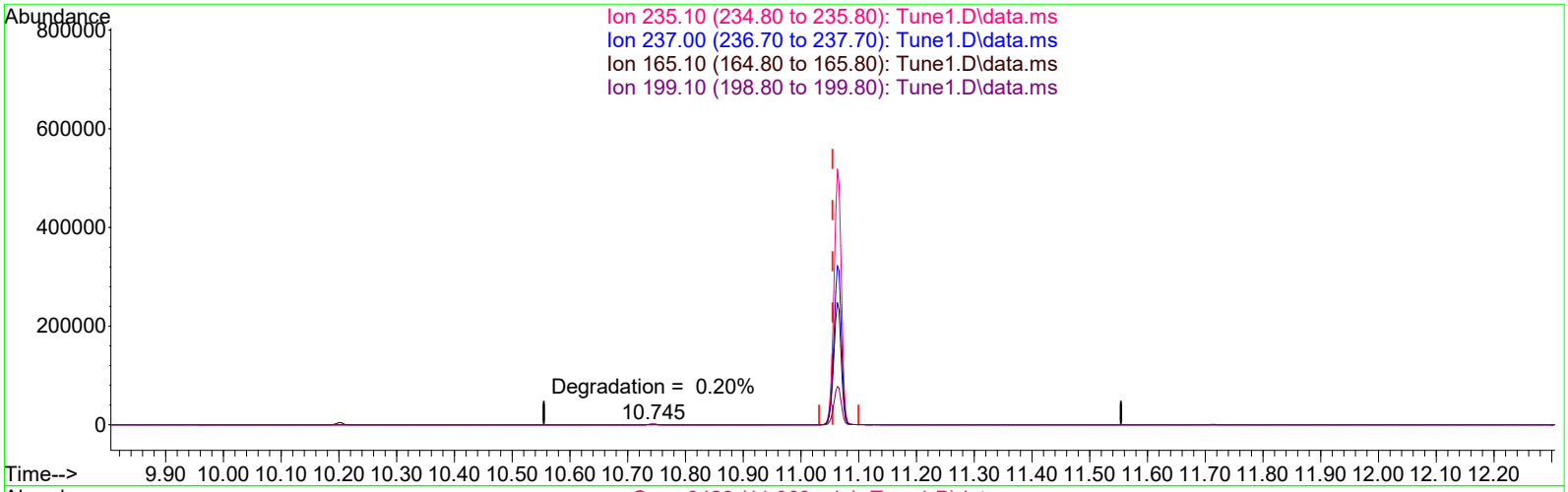
Spectrum Information: Average of 9.230 to 9.236 min.

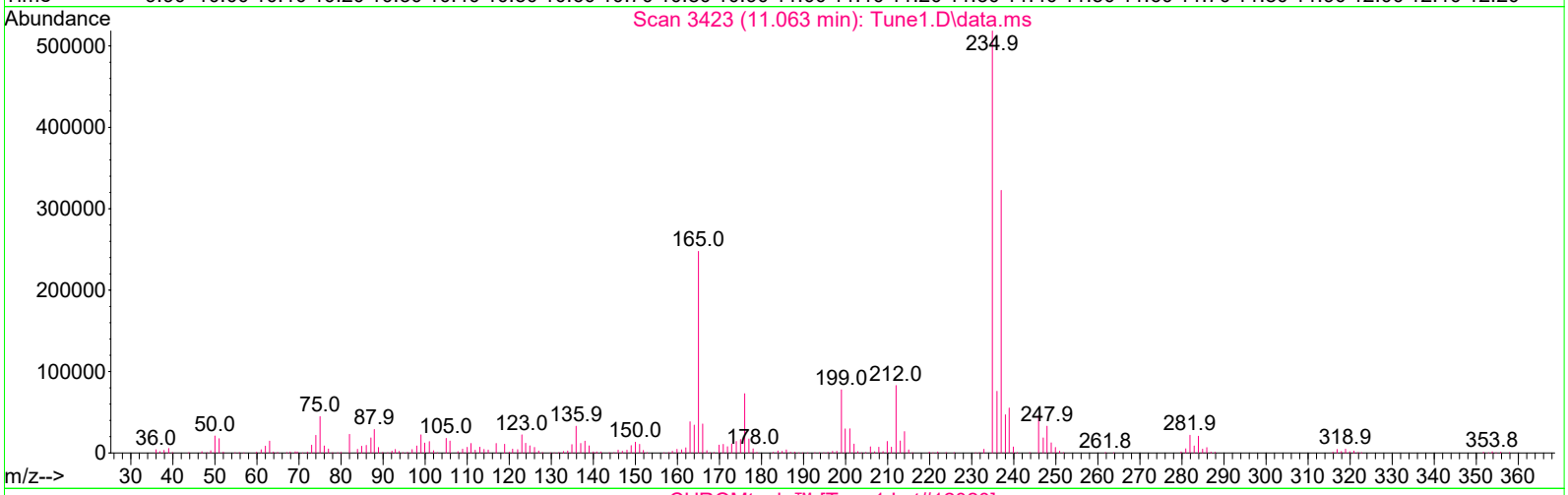
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	34.1	96144	PASS
68	69	0.00	2	1.4	1268	PASS
69	69	0.20	100	100.0	91432	PASS
70	69	0.00	2	0.6	549	PASS
127	198	10	80	43.9	123715	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	282091	PASS
199	198	5	9	6.9	19507	PASS
275	198	10	60	25.6	72267	PASS
365	198	1	100	2.9	8174	PASS
441	442	0.01	24	16.7	33917	PASS
442	198	50	100	72.1	203349	PASS
443	442	15	24	19.6	39851	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\SV103\251116ical\
Data File : Tune1.D
Acq On : 16 Nov 2025 10:01 pm
Operator : SV103:mrg
Sample : Tune1 Lot#12020
Misc : WG2143949
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Nov 17 09:13:11 2025
Quant Method : I:\8270\SV103\251116ical\DftppSV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 07 09:14:14 2017
Response via : Initial Calibration





CHROMtools™ [Tune1 Lot#12020]

(6) DDT (T)

11.063min (+ 0.008) 0.00

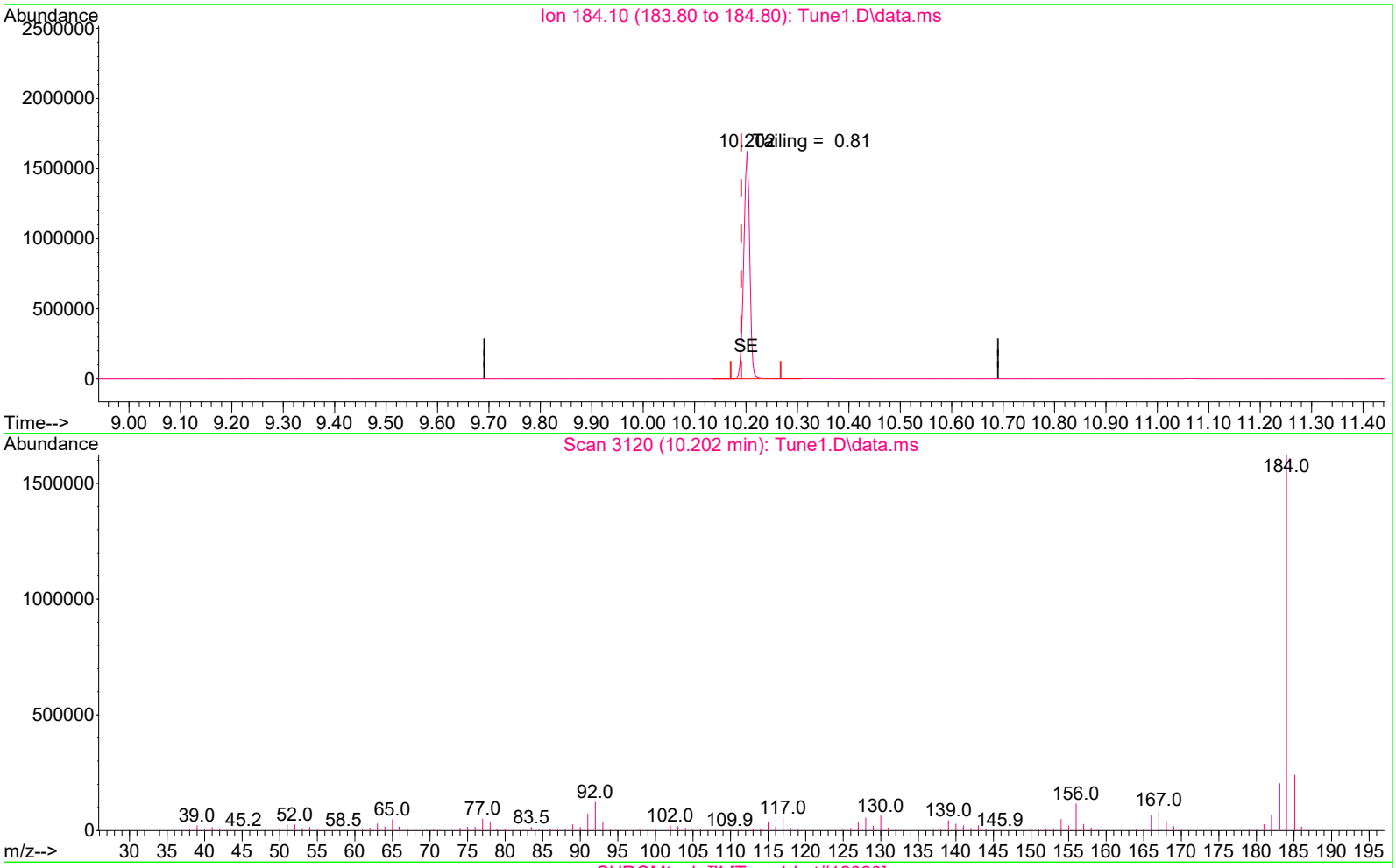
response 462727

Ion	Exp%	Act%
235.10	100.00	100.00
237.00	64.60	63.01
165.10	44.20	47.95
199.10	14.00	15.24

Quantitation Report (Qedit)

Data Path : I:\8270\SV103\251116ical\
Data File : Tune1.D
Acq On : 16 Nov 2025 10:01 pm
Operator : SV103:mrg
Sample : Tune1 Lot#12020
Misc : WG2143949
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Nov 17 09:13:11 2025
Quant Method : I:\8270\SV103\251116ical\DftppSV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 07 09:14:14 2017
Response via : Initial Calibration



CHROMtools™ [Tune1 Lot#12020]

(3) Benzidine (T)

10.202min (+ 0.011) 0.00

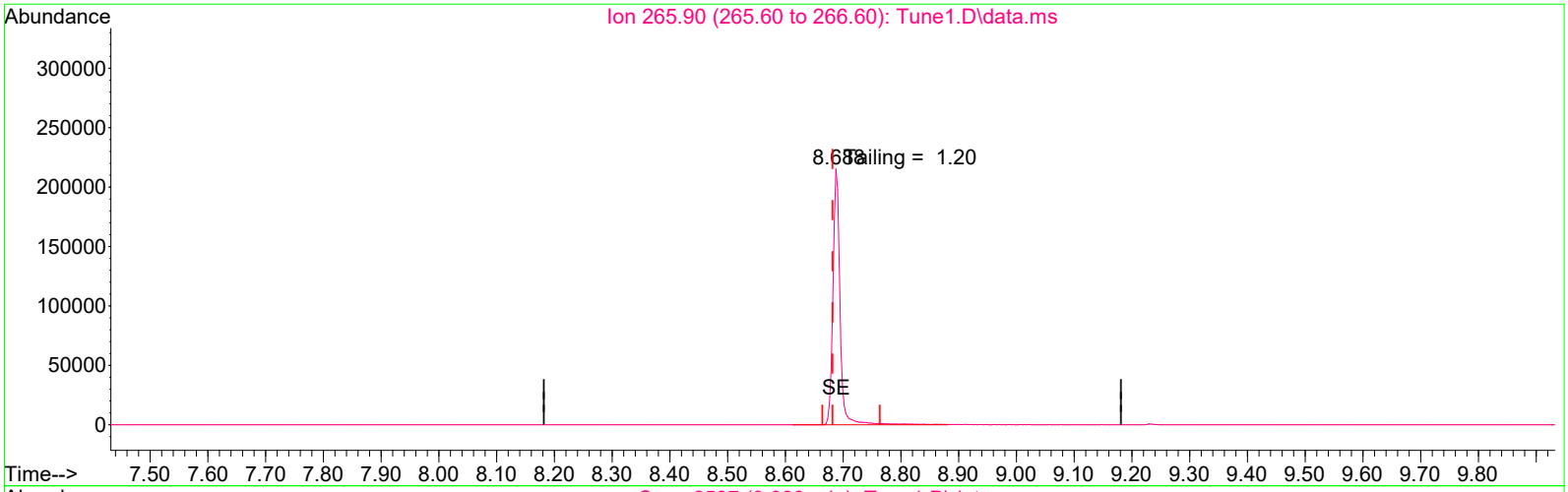
response 1320285

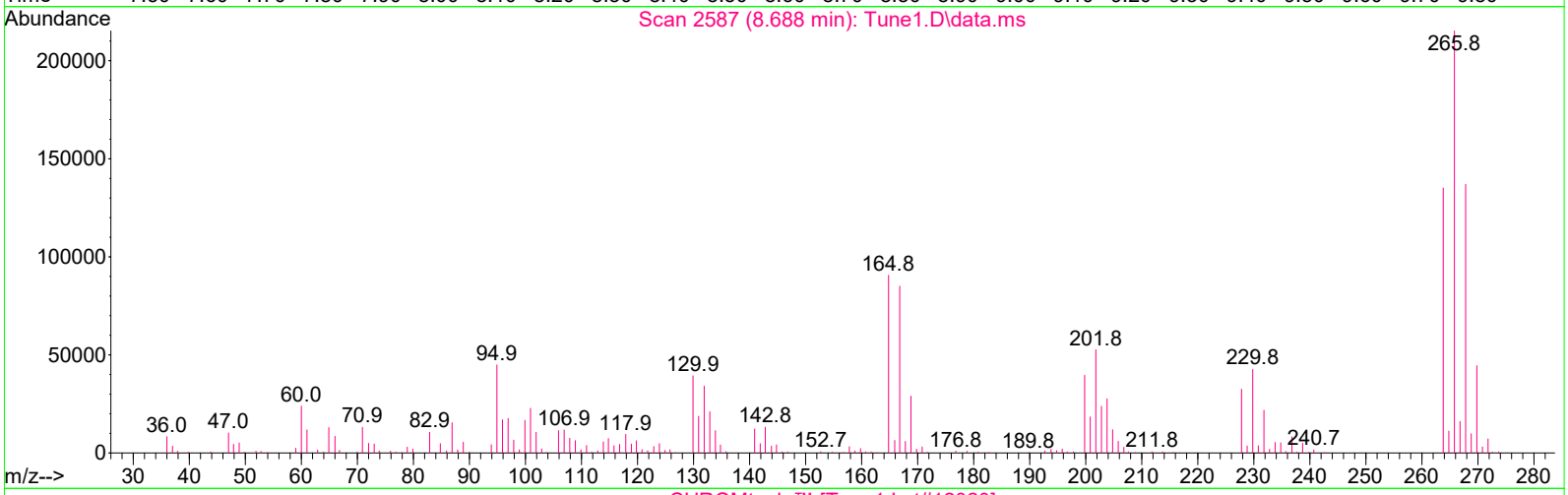
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\SV103\251116ical\
Data File : Tune1.D
Acq On : 16 Nov 2025 10:01 pm
Operator : SV103:mrg
Sample : Tune1 Lot#12020
Misc : WG2143949
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Nov 17 09:13:11 2025
Quant Method : I:\8270\SV103\251116ical\DftppSV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 07 09:14:14 2017
Response via : Initial Calibration





CHROMtools™ [Tune1 Lot#12020]

(1) Pentachlorophenol (T)

8.688min (+ 0.006) 0.00

response 181506

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : AP9L10.D
Acq On : 17 Nov 2025 1:56 am
Operator : SV103:mrg
Sample : IL11,32,,AP9L200 Lot# 12103
Misc : WG2143949
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 19 14:23:25 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	4.477	152	221648	40.000	ug/ml	0.00
Standard Area 1 = 220640			Recovery = 100.46%			
55) IS2_Naphthalene-d8	5.718	136	816312	40.000	ug/ml	0.00
Standard Area 1 = 845837			Recovery = 96.51%			
83) IS2_Acenaphthene-d10	7.420	164	450335	40.000	ug/ml	0.00
Standard Area 1 = 487867			Recovery = 92.31%			
98) IS2_Phenanthrene-d10	8.852	188	897096	40.000	ug/ml	0.00
Standard Area 1 = 1000561			Recovery = 89.66%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	4.048	105	1206291	212.106	ug/ml	95
29) Acetophenone	4.894	105	2026059	207.177	ug/ml	94
30) m-Toluidine	4.977	106	1969553	204.989	ug/ml	99
31) 2-Chloroaniline	5.332	127	1783837	205.348	ug/ml	97
56) a-Terpineol	5.798	59	1147296	208.025	ug/ml	93
57) 3-Chloroaniline	5.806	65	566083	199.384	ug/ml	82
58) 2,6-Dichlorophenol	5.829	162	1184973	217.200	ug/ml	95
59) 1-chloro-2-nitrobenzene	6.082	111	532760	238.346	ug/ml	95
60) Caprolactam	6.164	55	642851	225.914	ug/ml#	90
61) 1,2,4,5-Tetrachloroben...	6.588	216	1461891	189.931	ug/ml	99
62) Biphenyl	6.889	154	3227672	184.950	ug/ml	99
84) Dichloran	8.563	206	421994	208.195	ug/ml#	78
85) Pentachloronitrobenzene	8.702	237	419506	234.321	ug/ml#	81
99) Diphenamid	9.782	167	2293707	219.409	ug/ml#	81

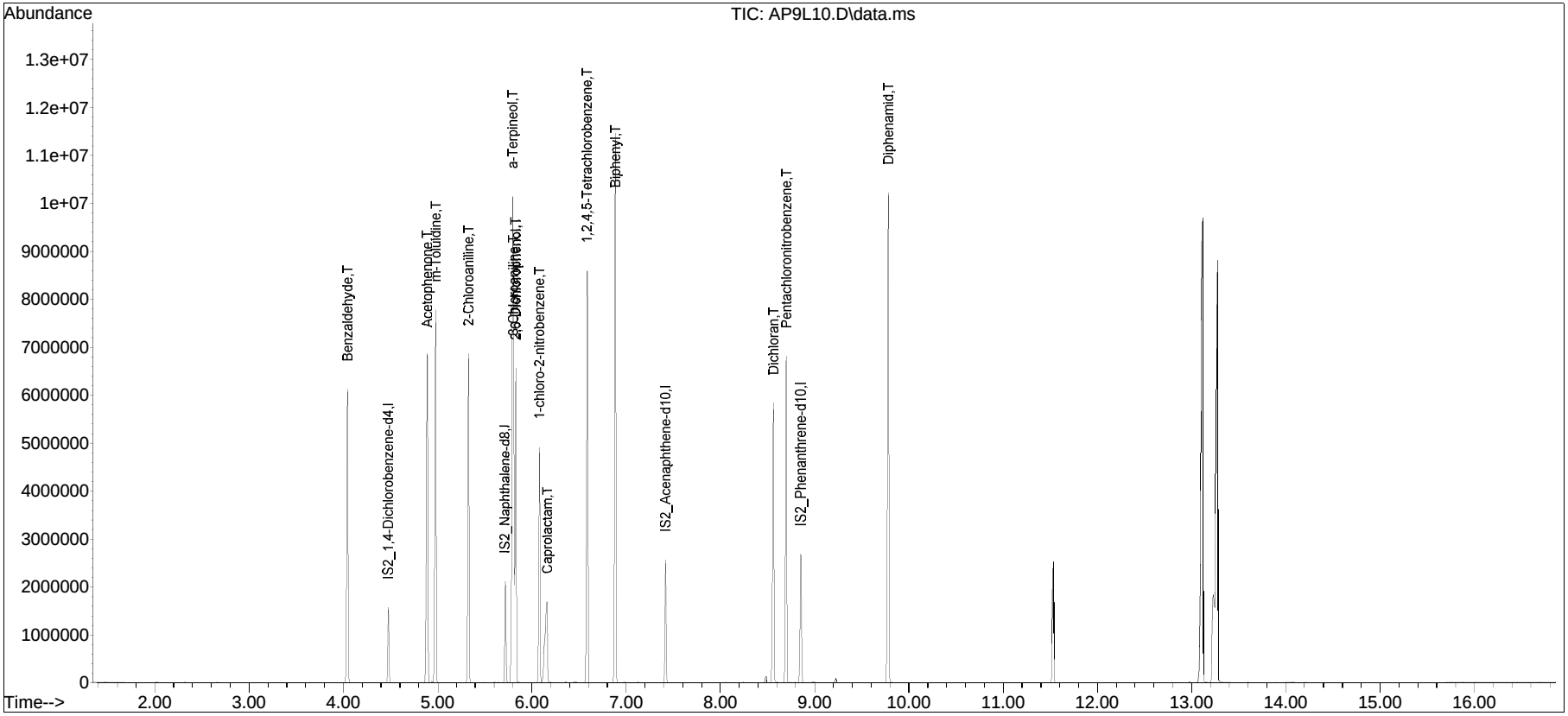
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : AP9L10.D
Acq On : 17 Nov 2025 1:56 am
Operator : SV103:mrg
Sample : IL11,32,,AP9L200 Lot# 12103
Misc : WG2143949
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 19 14:23:25 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistal\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: AP9L10.D	Operator	: SV103:mrg
Date Inj'd	: 11/17/2025 1:56 am	Instrument	: SV103
Sample	: IL11,32,,AP9L200 Lot# 1210	Quant Date	: 11/19/2025 2:24 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : AP9L9.D
Acq On : 17 Nov 2025 2:17 am
Operator : SV103:mrg
Sample : IL12,32,,AP9L150 Lot# 12104
Misc : WG2143949
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 19 14:24:55 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	4.476	152	216484	40.000	ug/ml	0.00
Standard Area 1 = 220640			Recovery =	98.12%		
55) IS2_Naphthalene-d8	5.718	136	814953	40.000	ug/ml	0.00
Standard Area 1 = 845837			Recovery =	96.35%		
83) IS2_Acenaphthene-d10	7.420	164	454844	40.000	ug/ml	0.00
Standard Area 1 = 487867			Recovery =	93.23%		
98) IS2_Phenanthrene-d10	8.852	188	907294	40.000	ug/ml	0.00
Standard Area 1 = 1000561			Recovery =	90.68%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	4.045	105	871499	156.894	ug/ml	94
29) Acetophenone	4.891	105	1488157	155.803	ug/ml	94
30) m-Toluidine	4.974	106	1456393	155.196	ug/ml	99
31) 2-Chloroaniline	5.329	127	1308100	154.175	ug/ml	97
56) a-Terpineol	5.795	59	859847	156.165	ug/ml	94
57) 3-Chloroaniline	5.803	65	422768	149.155	ug/ml	81
58) 2,6-Dichlorophenol	5.826	162	878690	161.328	ug/ml	96
59) 1-chloro-2-nitrobenzene	6.082	111	393063	176.141	ug/ml	96
60) Caprolactam	6.156	55	477963	168.249	ug/ml	91
61) 1,2,4,5-Tetrachloroben...	6.588	216	1097268	142.796	ug/ml	99
62) Biphenyl	6.886	154	2458460	141.108	ug/ml	99
84) Dichloran	8.560	206	302201	148.681	ug/ml#	78
85) Pentachloronitrobenzene	8.699	237	308210	170.448	ug/ml#	80
99) Diphenamid	9.779	167	1695611	160.374	ug/ml	81

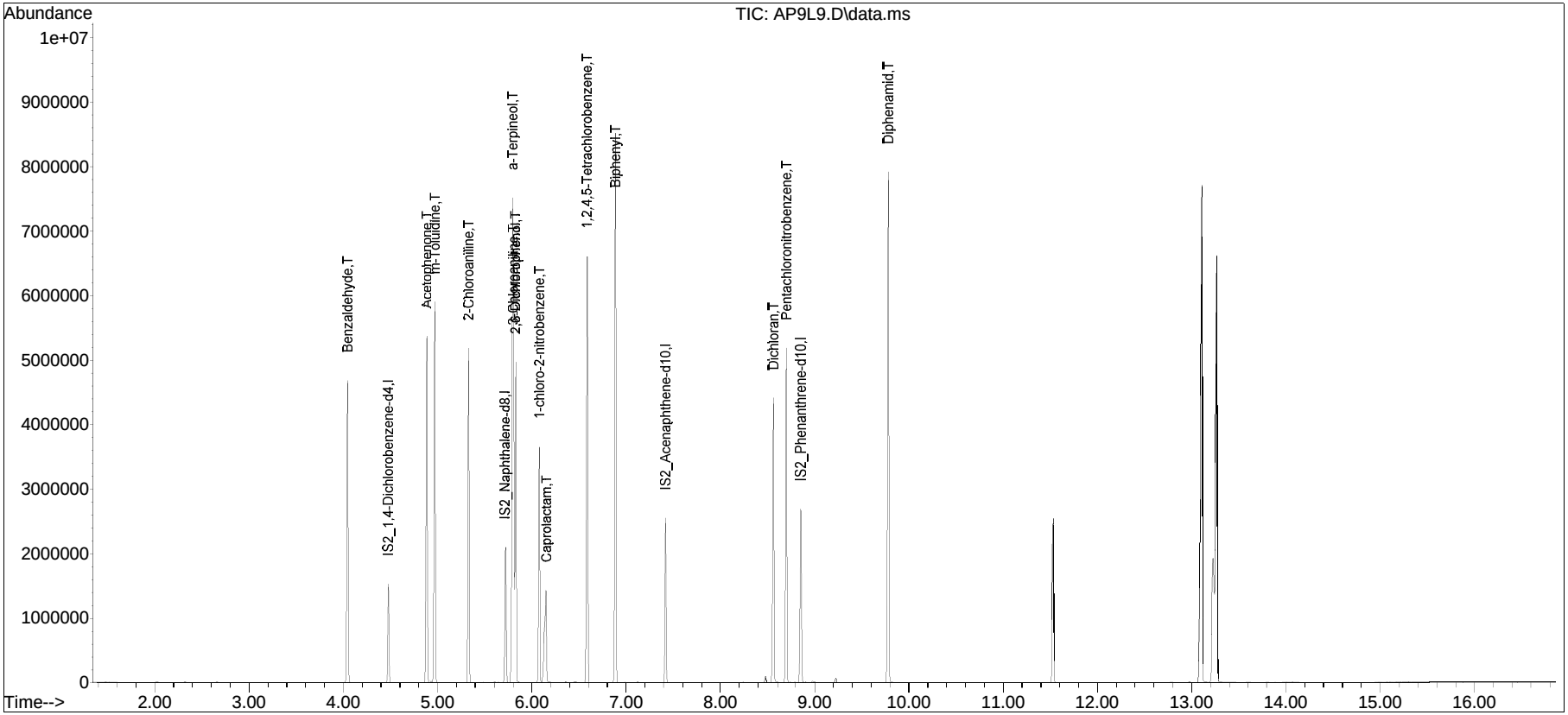
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : AP9L9.D
Acq On : 17 Nov 2025 2:17 am
Operator : SV103:mrg
Sample : IL12,32,,AP9L150 Lot# 12104
Misc : WG2143949
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 19 14:24:55 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistal\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: AP9L9.D	Operator	: SV103:mrg
Date Inj'd	: 11/17/2025 2:17 am	Instrument	: SV103
Sample	: IL12,32,,AP9L150 Lot# 1210	Quant Date	: 11/19/2025 2:25 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : AP9L8.D
Acq On : 17 Nov 2025 2:39 am
Operator : SV103:mrg
Sample : IL13,32,,AP9L100 Lot# 12105
Misc : WG2143949
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 19 14:24:44 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	4.477	152	225463	40.000	ug/ml	0.00
Standard Area 1 = 220640			Recovery	= 102.19%		
55) IS2_Naphthalene-d8	5.718	136	860513	40.000	ug/ml	0.00
Standard Area 1 = 845837			Recovery	= 101.74%		
83) IS2_Acenaphthene-d10	7.420	164	493934	40.000	ug/ml	0.00
Standard Area 1 = 487867			Recovery	= 101.24%		
98) IS2_Phenanthrene-d10	8.853	188	1001079	40.000	ug/ml	0.00
Standard Area 1 = 1000561			Recovery	= 100.05%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	4.045	105	607260	104.970	ug/ml	94
29) Acetophenone	4.889	105	1044704	105.020	ug/ml	94
30) m-Toluidine	4.971	106	1034011	105.798	ug/ml	99
31) 2-Chloroaniline	5.329	127	926210	104.817	ug/ml	97
56) a-Terpineol	5.792	59	621305	106.867	ug/ml	95
57) 3-Chloroaniline	5.801	65	310461	103.733	ug/ml	78
58) 2,6-Dichlorophenol	5.824	162	634077	110.253	ug/ml	96
59) 1-chloro-2-nitrobenzene	6.079	111	279026	118.418	ug/ml	96
60) Caprolactam	6.148	55	345897	115.313	ug/ml	91
61) 1,2,4,5-Tetrachloroben...	6.588	216	810698	99.917	ug/ml	99
62) Biphenyl	6.886	154	1826044	99.260	ug/ml	100
84) Dichloran	8.557	206	217770	99.895	ug/ml#	77
85) Pentachloronitrobenzene	8.696	237	225048	114.608	ug/ml#	81
99) Diphenamid	9.776	167	1290656	110.636	ug/ml#	81

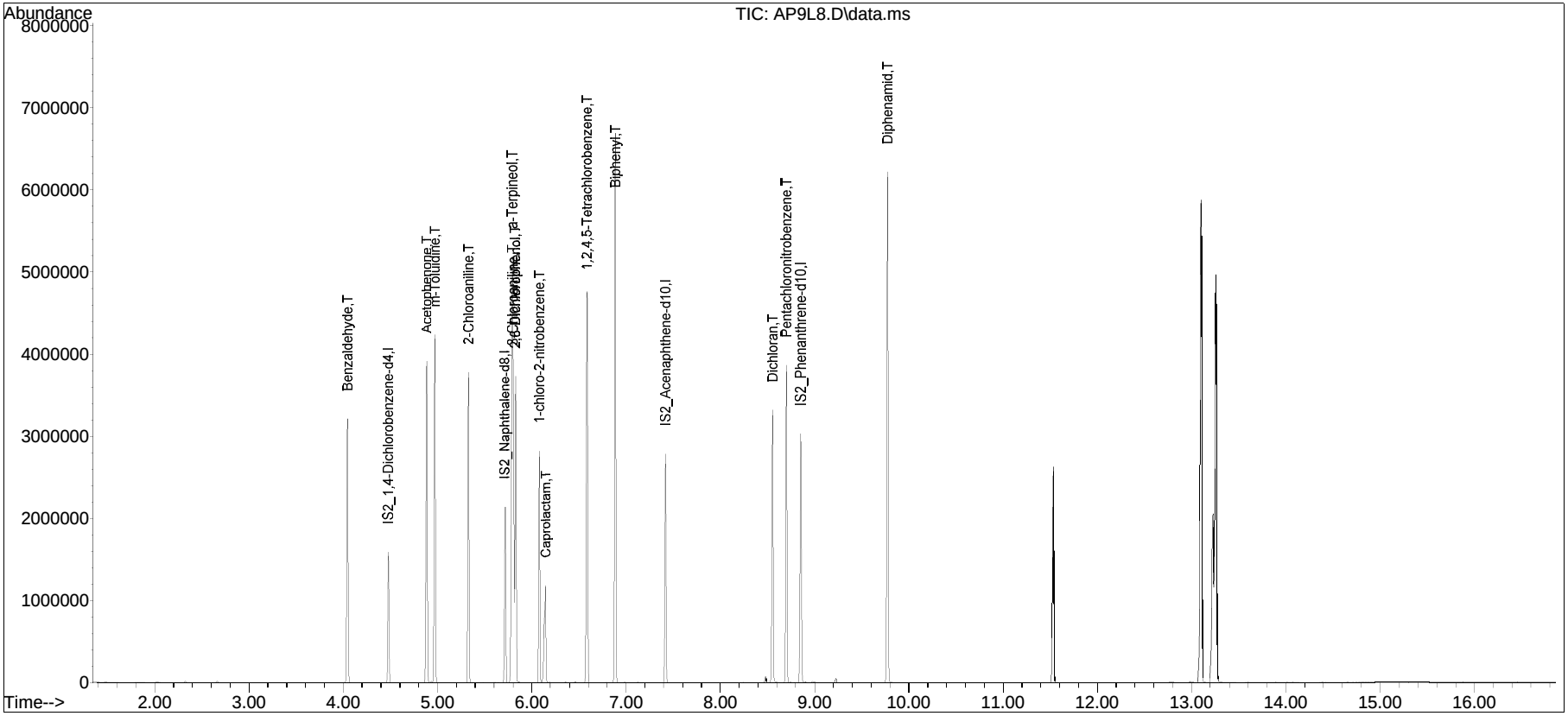
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : AP9L8.D
Acq On : 17 Nov 2025 2:39 am
Operator : SV103:mrg
Sample : IL13,32,,AP9L100 Lot# 12105
Misc : WG2143949
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 19 14:24:44 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistal\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: AP9L8.D	Operator	: SV103:mrg
Date Inj'd	: 11/17/2025 2:39 am	Instrument	: SV103
Sample	: IL13,32,,AP9L100 Lot# 1210	Quant Date	: 11/19/2025 2:25 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : AP9L7.D
Acq On : 17 Nov 2025 3:00 am
Operator : SV103:mrg
Sample : IL14,32,,AP9L50 Lot# 12106
Misc : WG2143949
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 19 14:24:32 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	4.477	152	220640	40.000	ug/ml	0.00
Standard Area 1 = 220640			Recovery = 100.00%			
55) IS2_Naphthalene-d8	5.718	136	845837	40.000	ug/ml	0.00
Standard Area 1 = 845837			Recovery = 100.00%			
83) IS2_Acenaphthene-d10	7.420	164	487867	40.000	ug/ml	0.00
Standard Area 1 = 487867			Recovery = 100.00%			
98) IS2_Phenanthrene-d10	8.853	188	1000561	40.000	ug/ml	0.00
Standard Area 1 = 1000561			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	4.042	105	292954	51.746	ug/ml	94
29) Acetophenone	4.886	105	509774	52.366	ug/ml	94
30) m-Toluidine	4.971	106	504230	52.720	ug/ml	99
31) 2-Chloroaniline	5.326	127	451325	52.192	ug/ml	97
56) a-Terpineol	5.787	59	305186	53.404	ug/ml	95
57) 3-Chloroaniline	5.798	65	153322	52.118	ug/ml	78
58) 2,6-Dichlorophenol	5.821	162	308466	54.567	ug/ml	97
59) 1-chloro-2-nitrobenzene	6.076	111	131275	56.680	ug/ml	97
60) Caprolactam	6.133	55	166976	56.631	ug/ml	91
61) 1,2,4,5-Tetrachloroben...	6.585	216	402233	50.434	ug/ml	99
62) Biphenyl	6.883	154	921946	50.985	ug/ml	100
84) Dichloran	8.554	206	94547	45.963	ug/ml#	76
85) Pentachloronitrobenzene	8.696	237	103946	53.594	ug/ml#	81
99) Diphenamid	9.773	167	629576	53.996	ug/ml#	81

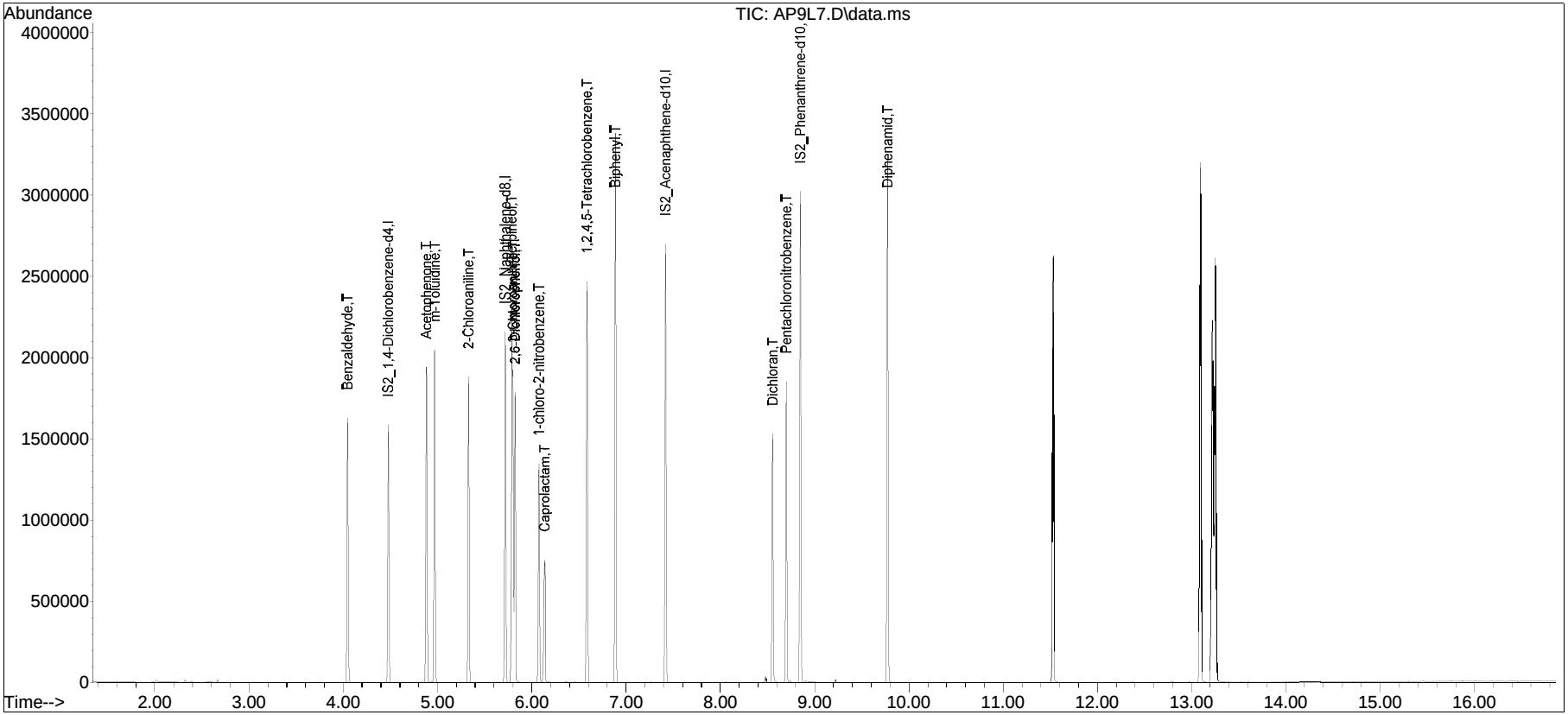
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : AP9L7.D
Acq On : 17 Nov 2025 3:00 am
Operator : SV103:mrg
Sample : IL14,32,,AP9L50 Lot# 12106
Misc : WG2143949
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 19 14:24:32 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistal\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: AP9L7.D	Operator	: SV103:mrg
Date Inj'd	: 11/17/2025 3:00 am	Instrument	: SV103
Sample	: IL14,32,,AP9L50 Lot# 12106	Quant Date	: 11/19/2025 2:25 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : AP9L6.D
Acq On : 17 Nov 2025 3:22 am
Operator : SV103:mrg
Sample : IL15,32,,AP9L25 Lot# 12107
Misc : WG2143949
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 19 14:24:20 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	4.477	152	220316	40.000	ug/ml	0.00
Standard Area 1 = 220640			Recovery	= 99.85%		
55) IS2_Naphthalene-d8	5.718	136	851951	40.000	ug/ml	0.00
Standard Area 1 = 845837			Recovery	= 100.72%		
83) IS2_Acenaphthene-d10	7.420	164	495830	40.000	ug/ml	0.00
Standard Area 1 = 487867			Recovery	= 101.63%		
98) IS2_Phenanthrene-d10	8.853	188	1010991	40.000	ug/ml	0.00
Standard Area 1 = 1000561			Recovery	= 101.04%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	4.039	105	144059	25.484	ug/ml	94
29) Acetophenone	4.886	105	251621	25.885	ug/ml	94
30) m-Toluidine	4.968	106	249109	26.084	ug/ml	99
31) 2-Chloroaniline	5.326	127	223495	25.883	ug/ml	97
56) a-Terpineol	5.784	59	150155	26.087	ug/ml	95
57) 3-Chloroaniline	5.795	65	76704	25.886	ug/ml	78
58) 2,6-Dichlorophenol	5.818	162	151538	26.614	ug/ml	96
59) 1-chloro-2-nitrobenzene	6.074	111	60798	26.062	ug/ml	97
60) Caprolactam	6.125	55	79606	26.805	ug/ml#	91
61) 1,2,4,5-Tetrachloroben...	6.585	216	203885	25.381	ug/ml	99
62) Biphenyl	6.883	154	467750	25.681	ug/ml	100
84) Dichloran	8.554	206	40713	21.585	ug/ml#	74
85) Pentachloronitrobenzene	8.693	237	47103	23.896	ug/ml#	83
99) Diphenamid	9.770	167	307112	26.068	ug/ml#	80

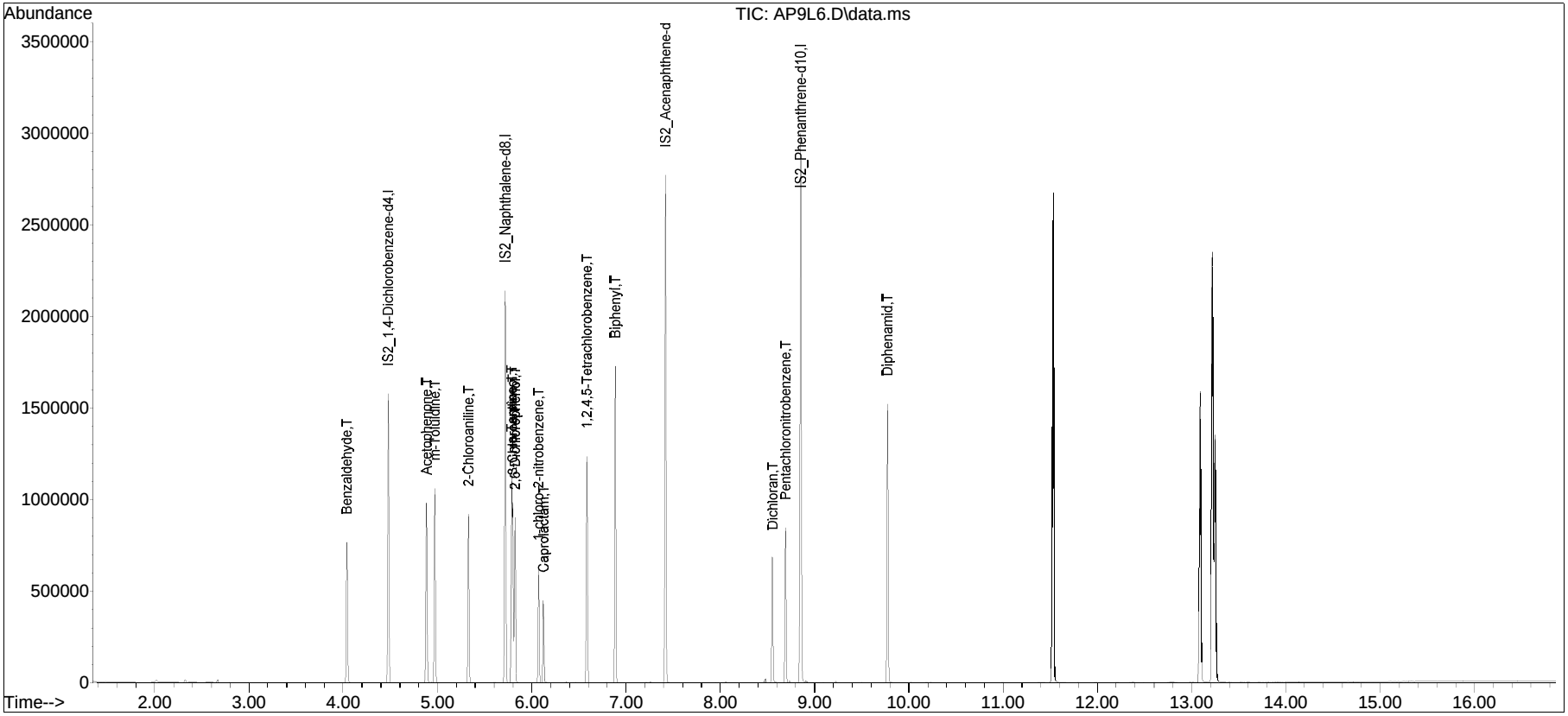
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : AP9L6.D
Acq On : 17 Nov 2025 3:22 am
Operator : SV103:mrg
Sample : IL15,32,,AP9L25 Lot# 12107
Misc : WG2143949
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 19 14:24:20 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistal\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: AP9L6.D	Operator	: SV103:mrg
Date Inj'd	: 11/17/2025 3:22 am	Instrument	: SV103
Sample	: IL15,32,,AP9L25 Lot# 12107	Quant Date	: 11/19/2025 2:24 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : AP9L5.D
Acq On : 17 Nov 2025 3:43 am
Operator : SV103:mrg
Sample : IL16,32,,AP9L10 Lot# 12108
Misc : WG2143949
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 19 14:24:08 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	4.477	152	212344	40.000	ug/ml	0.00
Standard Area 1 = 220640			Recovery =	96.24%		
55) IS2_Naphthalene-d8	5.715	136	816641	40.000	ug/ml	0.00
Standard Area 1 = 845837			Recovery =	96.55%		
83) IS2_Acenaphthene-d10	7.420	164	478104	40.000	ug/ml	0.00
Standard Area 1 = 487867			Recovery =	98.00%		
98) IS2_Phenanthrene-d10	8.852	188	987122	40.000	ug/ml	0.00
Standard Area 1 = 1000561			Recovery =	98.66%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	4.042	105	55168	10.125	ug/ml	96
29) Acetophenone	4.886	105	95114	10.152	ug/ml	94
30) m-Toluidine	4.968	106	93428	10.150	ug/ml	98
31) 2-Chloroaniline	5.326	127	84812	10.191	ug/ml	97
56) a-Terpineol	5.781	59	55273	10.018	ug/ml	94
57) 3-Chloroaniline	5.795	65	29331	10.327	ug/ml	77
58) 2,6-Dichlorophenol	5.818	162	54824	10.045	ug/ml	97
59) 1-chloro-2-nitrobenzene	6.073	111	21241	9.499	ug/ml	97
60) Caprolactam	6.119	55	29001	10.188	ug/ml	90
61) 1,2,4,5-Tetrachloroben...	6.585	216	79642	10.343	ug/ml	98
62) Biphenyl	6.883	154	180973	10.366	ug/ml	100
84) Dichloran	8.554	206	12788	9.501	ug/ml#	72
85) Pentachloronitrobenzene	8.693	237	15199	7.997	ug/ml#	83
99) Diphenamid	9.770	167	112757	9.802	ug/ml#	80

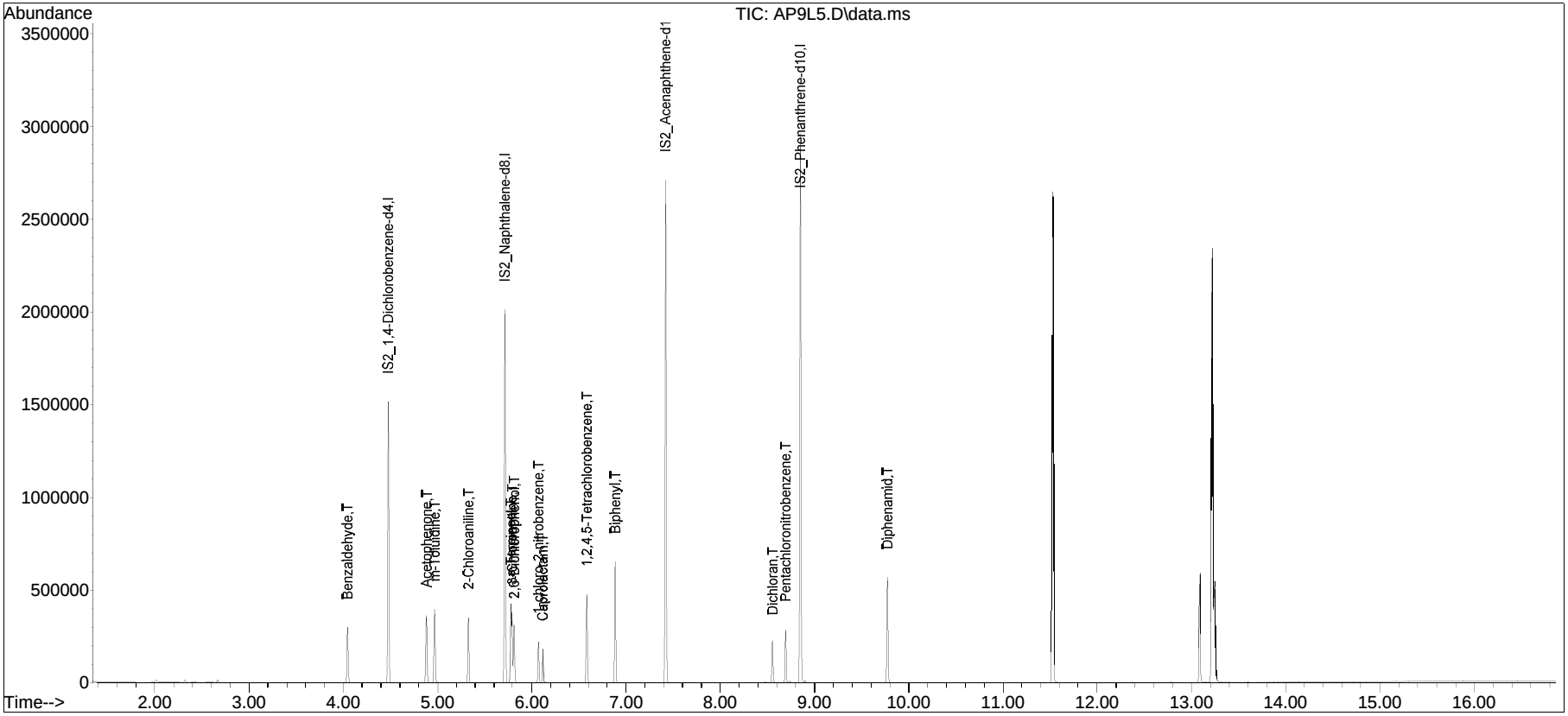
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : AP9L5.D
Acq On : 17 Nov 2025 3:43 am
Operator : SV103:mrg
Sample : IL16,32,,AP9L10 Lot# 12108
Misc : WG2143949
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 19 14:24:08 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistal\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: AP9L5.D	Operator	: SV103:mrg
Date Inj'd	: 11/17/2025 3:43 am	Instrument	: SV103
Sample	: IL16,32,,AP9L10 Lot# 12108	Quant Date	: 11/19/2025 2:24 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : AP9L4.D
Acq On : 17 Nov 2025 4:04 am
Operator : SV103:mrg
Sample : IL17,32,,AP9L5 Lot# 12109
Misc : WG2143949
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 19 14:23:57 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	4.477	152	219439	40.000	ug/ml	0.00
Standard Area 1 = 220640			Recovery =	99.46%		
55) IS2_Naphthalene-d8	5.718	136	843103	40.000	ug/ml	0.00
Standard Area 1 = 845837			Recovery =	99.68%		
83) IS2_Acenaphthene-d10	7.420	164	499631	40.000	ug/ml	0.00
Standard Area 1 = 487867			Recovery =	102.41%		
98) IS2_Phenanthrene-d10	8.852	188	1031204	40.000	ug/ml	0.00
Standard Area 1 = 1000561			Recovery =	103.06%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	4.042	105	27705	4.921	ug/ml	94
29) Acetophenone	4.886	105	47995	4.957	ug/ml	94
30) m-Toluidine	4.971	106	47501	4.994	ug/ml	99
31) 2-Chloroaniline	5.326	127	42854	4.983	ug/ml	97
56) a-Terpineol	5.781	59	27630	4.851	ug/ml	93
57) 3-Chloroaniline	5.795	65	14948	5.098	ug/ml	75
58) 2,6-Dichlorophenol	5.818	162	26798	4.756	ug/ml	98
59) 1-chloro-2-nitrobenzene	6.073	111	10315	4.468	ug/ml	96
60) Caprolactam	6.116	55	13515	4.599	ug/ml	90
61) 1,2,4,5-Tetrachloroben...	6.585	216	40452	5.089	ug/ml	99
62) Biphenyl	6.883	154	93710	5.199	ug/ml	99
84) Dichloran	8.551	206	5763	6.181	ug/ml#	73
85) Pentachloronitrobenzene	8.693	237	7137	3.593	ug/ml#	82
99) Diphenamid	9.770	167	55612	4.628	ug/ml#	79

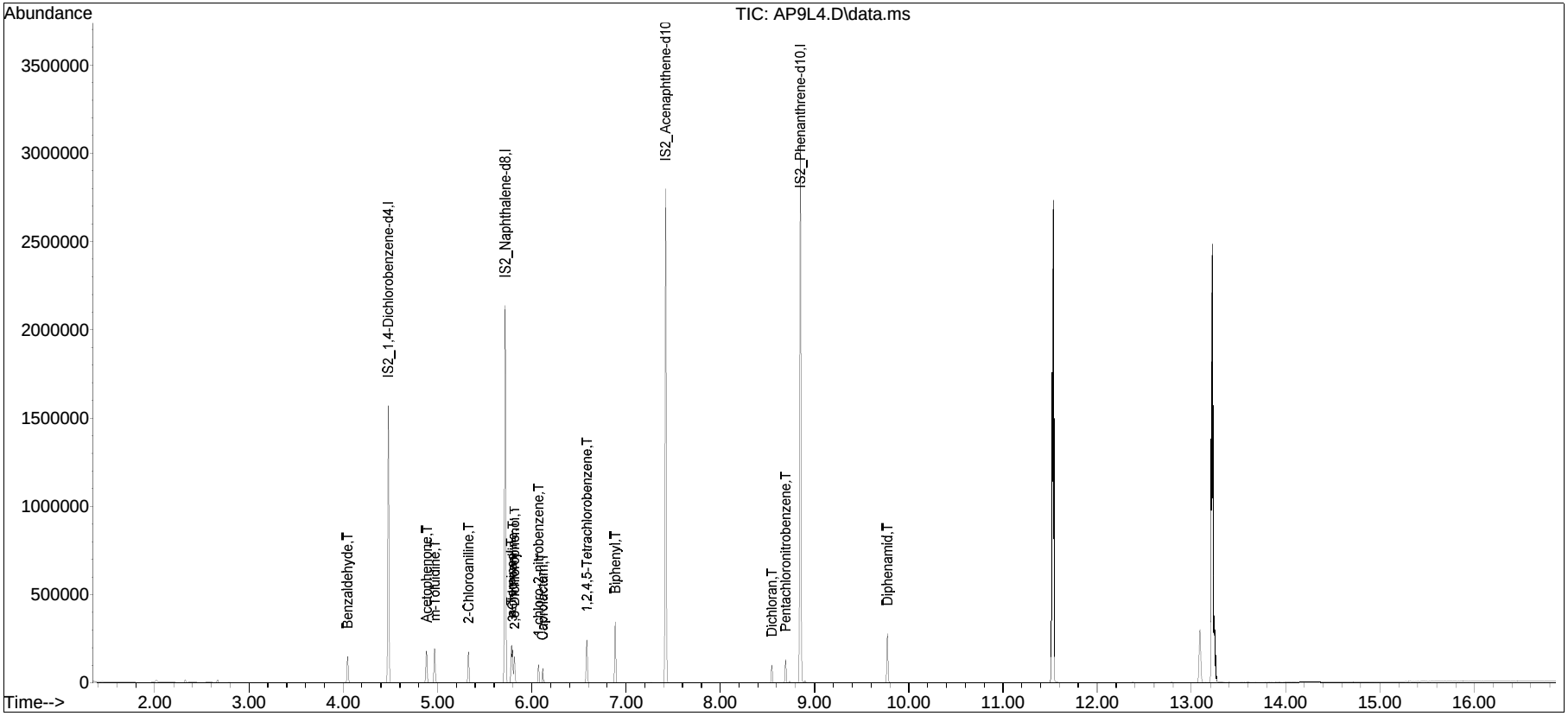
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : AP9L4.D
Acq On : 17 Nov 2025 4:04 am
Operator : SV103:mrg
Sample : IL17,32,,AP9L5 Lot# 12109
Misc : WG2143949
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 19 14:23:57 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistal\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: AP9L4.D	Operator	: SV103:mrg
Date Inj'd	: 11/17/2025 4:04 am	Instrument	: SV103
Sample	: IL17,32,,AP9L5 Lot# 12109	Quant Date	: 11/19/2025 2:24 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : AP9L3.D
Acq On : 17 Nov 2025 4:26 am
Operator : SV103:mrg
Sample : IL18,32,,AP9L3 Lot# 12110
Misc : WG2143949
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 19 14:23:46 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	4.477	152	223781	40.000	ug/ml	0.00
Standard Area 1 = 220640			Recovery = 101.42%			
55) IS2_Naphthalene-d8	5.718	136	839522	40.000	ug/ml	0.00
Standard Area 1 = 845837			Recovery = 99.25%			
83) IS2_Acenaphthene-d10	7.420	164	488823	40.000	ug/ml	0.00
Standard Area 1 = 487867			Recovery = 100.20%			
98) IS2_Phenanthrene-d10	8.853	188	1000549	40.000	ug/ml	0.00
Standard Area 1 = 1000561			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	4.042	105	16303	2.839	ug/ml	94
29) Acetophenone	4.886	105	27910	2.827	ug/ml	95
30) m-Toluidine	4.971	106	27863	2.872	ug/ml	98
31) 2-Chloroaniline	5.326	127	24932	2.843	ug/ml#	96
56) a-Terpineol	5.781	59	16538	2.916	ug/ml	93
57) 3-Chloroaniline	5.795	65	8935	3.060	ug/ml	77
58) 2,6-Dichlorophenol	5.818	162	15703	2.799	ug/ml	97
59) 1-chloro-2-nitrobenzene	6.074	111	6016	2.617	ug/ml	96
60) Caprolactam	6.116	55	7765	2.653	ug/ml	93
61) 1,2,4,5-Tetrachloroben...	6.582	216	24807	3.134	ug/ml	97
62) Biphenyl	6.883	154	56114	3.127	ug/ml	100
84) Dichloran	8.551	206	3170	5.078	ug/ml#	72
85) Pentachloronitrobenzene	8.696	237	3835	1.973	ug/ml#	81
99) Diphenamid	9.770	167	31130	2.670	ug/ml#	80

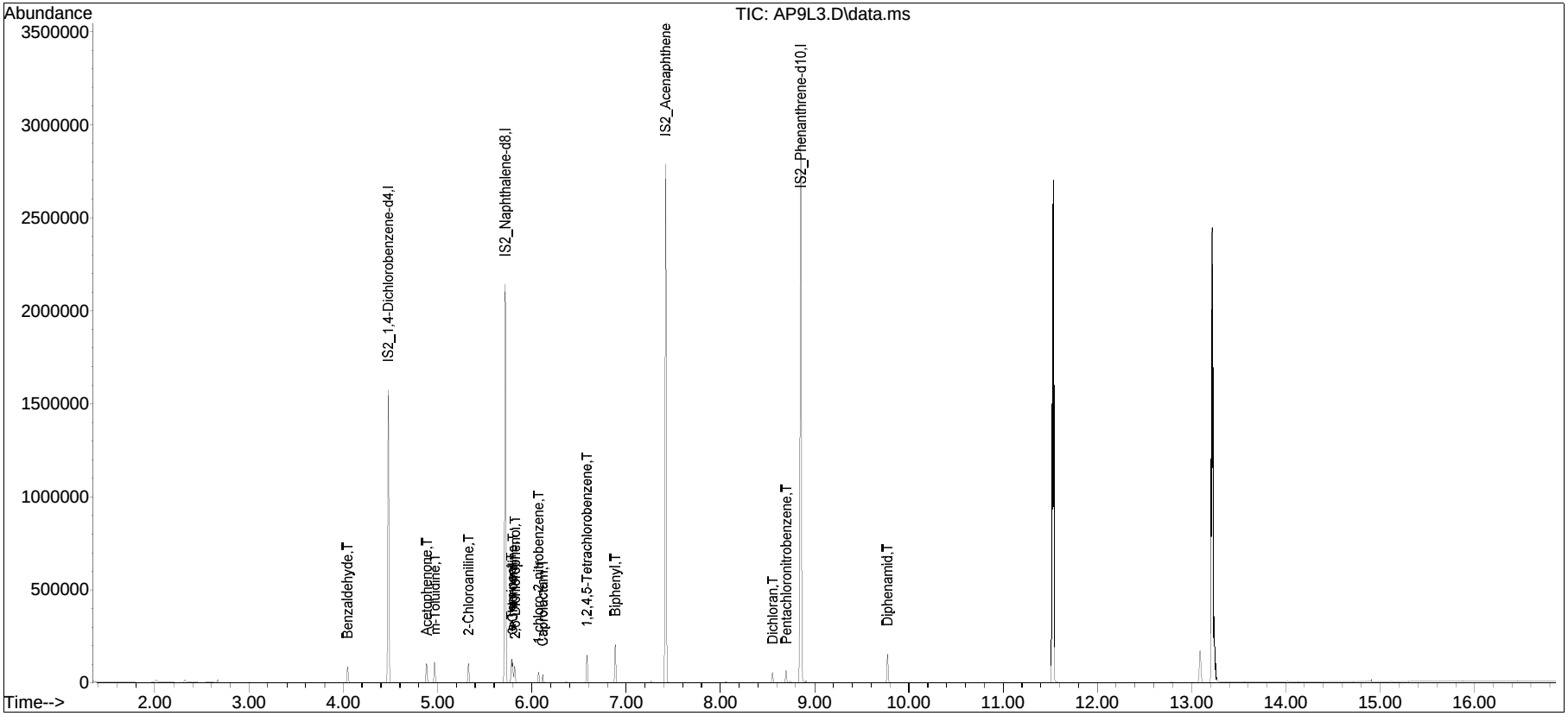
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : AP9L3.D
Acq On : 17 Nov 2025 4:26 am
Operator : SV103:mrg
Sample : IL18,32,,AP9L3 Lot# 12110
Misc : WG2143949
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 19 14:23:46 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistal\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: AP9L3.D	Operator	: SV103:mrg
Date Inj'd	: 11/17/2025 4:26 am	Instrument	: SV103
Sample	: IL18,32,,AP9L3 Lot# 12110	Quant Date	: 11/19/2025 2:24 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : AP9L2.D
Acq On : 17 Nov 2025 4:47 am
Operator : SV103:mrg
Sample : IL19,32,,AP9L2 Lot# 12111
Misc : WG2143949
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 19 14:23:35 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	4.477	152	213697	40.000	ug/ml	0.00
Standard Area 1 = 220640			Recovery =	96.85%		
55) IS2_Naphthalene-d8	5.715	136	810465	40.000	ug/ml	0.00
Standard Area 1 = 845837			Recovery =	95.82%		
83) IS2_Acenaphthene-d10	7.420	164	480134	40.000	ug/ml	0.00
Standard Area 1 = 487867			Recovery =	98.41%		
98) IS2_Phenanthrene-d10	8.852	188	1001825	40.000	ug/ml	0.00
Standard Area 1 = 1000561			Recovery =	100.13%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	4.045	105	10334	1.885	ug/ml	94
29) Acetophenone	4.886	105	17896	1.898	ug/ml	95
30) m-Toluidine	4.971	106	17205	1.857	ug/ml#	99
31) 2-Chloroaniline	5.326	127	15779	1.884	ug/ml	97
56) a-Terpineol	5.781	59	10018	1.830	ug/ml	90
57) 3-Chloroaniline	5.798	65	5105	1.811	ug/ml	86
58) 2,6-Dichlorophenol	5.815	162	9437	1.742	ug/ml	98
59) 1-chloro-2-nitrobenzene	6.074	111	3458	1.558	ug/ml	96
60) Caprolactam	6.116	55	4304	1.523	ug/ml#	90
61) 1,2,4,5-Tetrachloroben...	6.582	216	15210	1.990	ug/ml	98
62) Biphenyl	6.883	154	34590	1.996	ug/ml	99
84) Dichloran	8.551	206	1867	4.512	ug/ml#	69
85) Pentachloronitrobenzene	8.693	237	2303	1.207	ug/ml#	79
99) Diphenamid	9.770	167	18890	1.618	ug/ml#	78

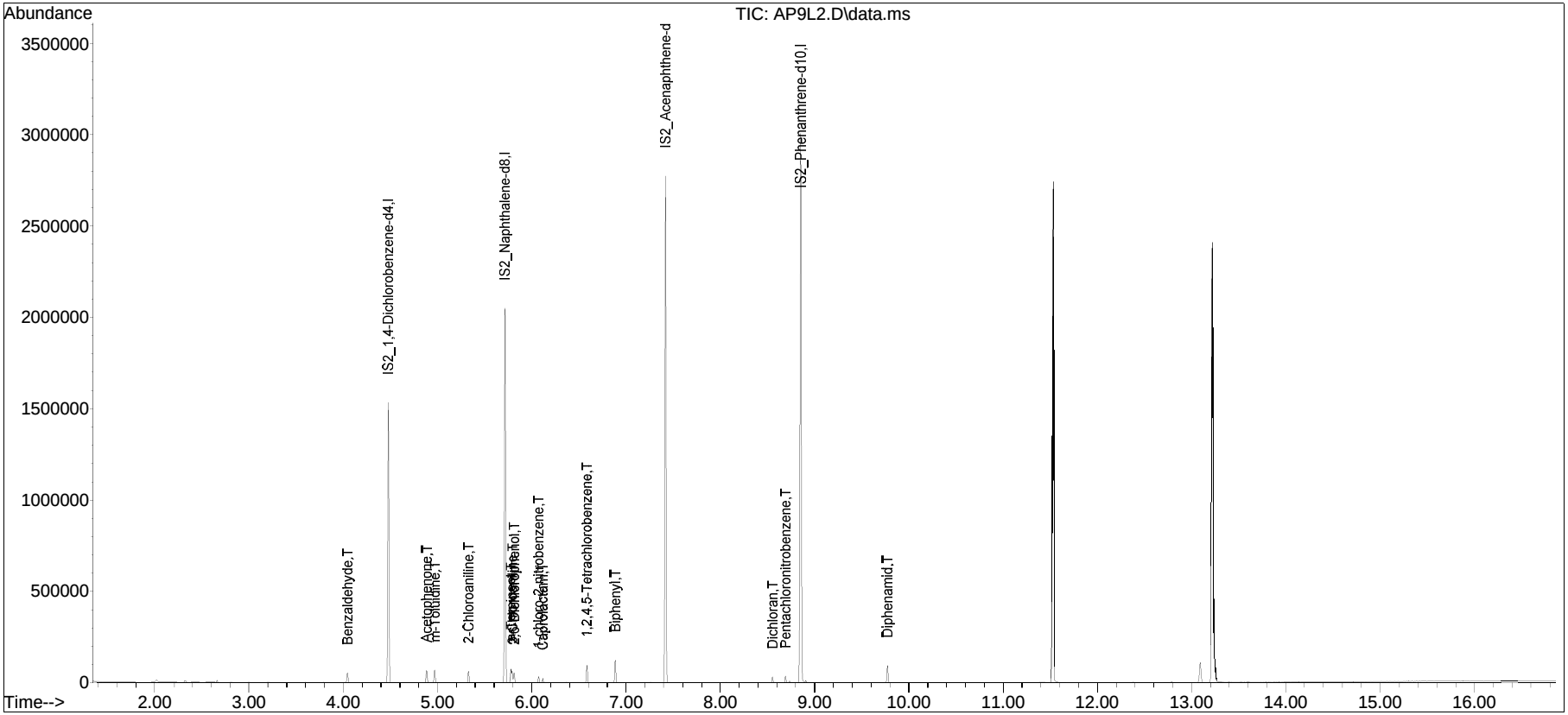
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : AP9L2.D
Acq On : 17 Nov 2025 4:47 am
Operator : SV103:mrg
Sample : IL19,32,,AP9L2 Lot# 12111
Misc : WG2143949
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Nov 19 14:23:35 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistal\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: AP9L2.D	Operator	: SV103:mrg
Date Inj'd	: 11/17/2025 4:47 am	Instrument	: SV103
Sample	: IL19,32,,AP9L2 Lot# 12111	Quant Date	: 11/19/2025 2:24 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : AP9L1.D
Acq On : 17 Nov 2025 5:09 am
Operator : SV103:mrg
Sample : IL20,32,,AP9L1 Lot# 12112
Misc : WG2143949
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 19 14:23:14 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	4.477	152	237169	40.000 ug/ml	0.00
Standard Area 1 = 220640			Recovery	= 107.49%	
55) IS2_Naphthalene-d8	5.718	136	890966	40.000 ug/ml	0.00
Standard Area 1 = 845837			Recovery	= 105.34%	
83) IS2_Acenaphthene-d10	7.420	164	526000	40.000 ug/ml	0.00
Standard Area 1 = 487867			Recovery	= 107.82%	
98) IS2_Phenanthrene-d10	8.852	188	1088730	40.000 ug/ml	0.00
Standard Area 1 = 1000561			Recovery	= 108.81%	
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	4.042	105	5502	0.904 ug/ml	94
29) Acetophenone	4.889	105	9361	0.895 ug/ml#	94
30) m-Toluidine	4.971	106	9098	0.885 ug/ml	98
31) 2-Chloroaniline	5.326	127	8485	0.913 ug/ml	97
56) a-Terpineol	5.781	59	5297	0.880 ug/ml	90
57) 3-Chloroaniline	5.795	65	2838	0.916 ug/ml	77
58) 2,6-Dichlorophenol	5.818	162	4885	0.820 ug/ml	99
59) 1-chloro-2-nitrobenzene	6.074	111	1900	0.779 ug/ml	96
60) Caprolactam	6.116	55	2502	0.806 ug/ml#	87
61) 1,2,4,5-Tetrachloroben...	6.585	216	8262	0.983 ug/ml	97
62) Biphenyl	6.883	154	18633	0.978 ug/ml	99
84) Dichloran	8.551	206	970	4.065 ug/ml#	63
85) Pentachloronitrobenzene	8.693	237	1100	0.526 ug/ml#	77
99) Diphenamid	9.770	167	9673	0.762 ug/ml	81

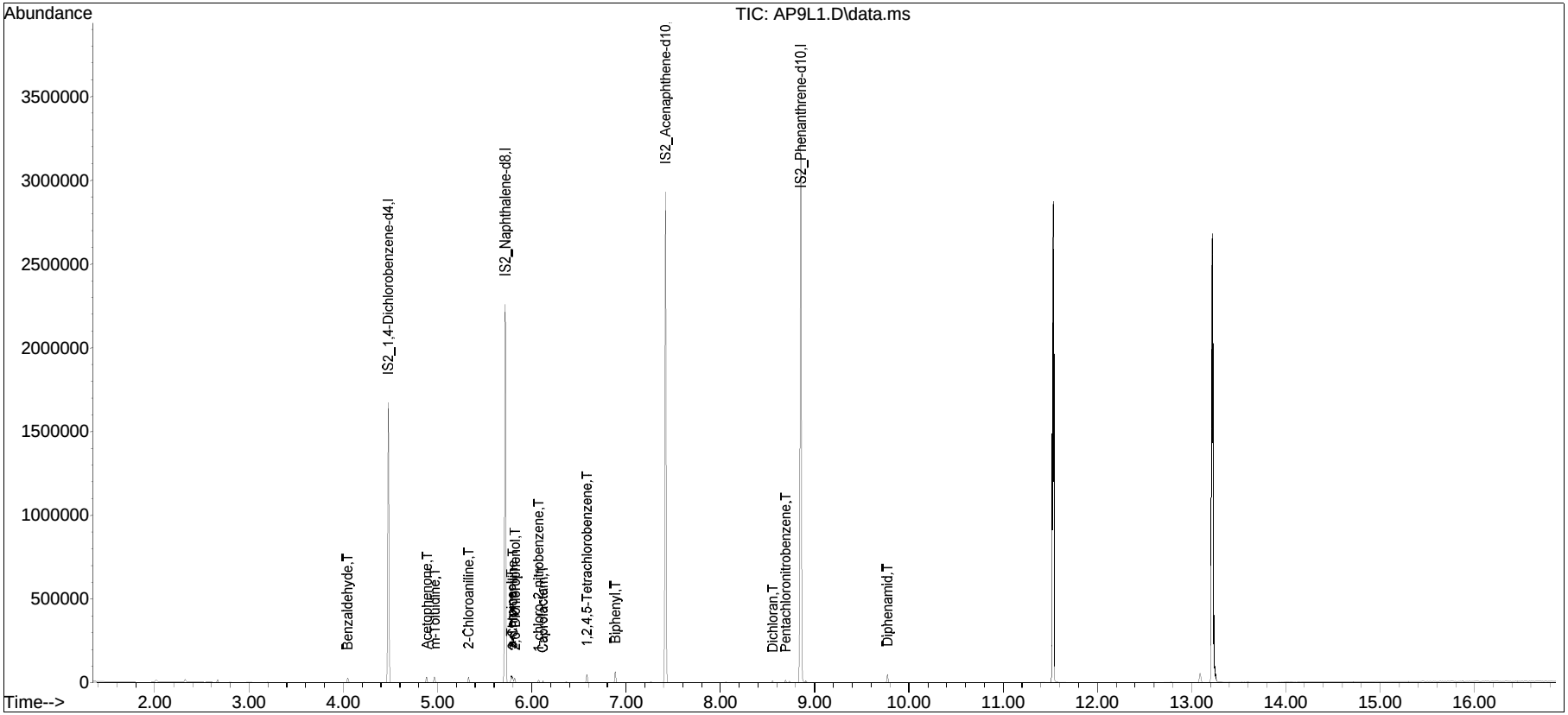
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : AP9L1.D
Acq On : 17 Nov 2025 5:09 am
Operator : SV103:mrg
Sample : IL20,32,,AP9L1 Lot# 12112
Misc : WG2143949
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 19 14:23:14 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistal\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: AP9L1.D	Operator	: SV103:mrg
Date Inj'd	: 11/17/2025 5:09 am	Instrument	: SV103
Sample	: IL20,32,,AP9L1 Lot# 12112	Quant Date	: 11/19/2025 2:23 pm

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV103\251116ical\
Data File : AP9ICV.D
Acq On : 17 Nov 2025 5:52 am
Operator : SV103:mrg
Sample : CQICV2,32,,AP9ICV Lot# 12055
Misc : WG2143949
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 19 14:23:03 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
27	I	IS2_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	104	0.00
28	T	Benzaldehyde		1.026	1.038	-1.2	101	0.00
29	T	Acetophenone		1.765	1.844	-4.5	103	0.00
30	T	m-Toluidine		1.734	1.810	-4.4	103	0.00
31	T	2-Chloroaniline		1.568	1.635	-4.3	103	0.00
55	I	IS2_Naphthalene-d8		1.000	1.000	0.0	103	0.00
56	T	a-Terpineol		0.270	0.290	-7.4	103	0.00
57	T	3-Chloroaniline		0.139	0.146	-5.0	103	0.00
58	T	2,6-Dichlorophenol		0.267	0.295	-10.5	104	0.00
59	T	1-chloro-2-nitrobenzene		0.110	0.126	-14.5	104	0.00
60	T	Caprolactam		0.139	0.159	-14.4	104	0.00
61	T	1,2,4,5-Tetrachlorobenzene		0.377	0.379	-0.5	103	0.00
62	T	Biphenyl		0.855	0.881	-3.0	104	0.00
83	I	IS2_Acenaphthene-d10		1.000	1.000	0.0	104	0.00
84	T	Dichloran	*	50.000	48.042	3.9	109	0.00
85	T	Pentachloronitrobenzene		0.159	0.177	-11.3	108	0.00
98	I	IS2_Phenanthrene-d10		1.000	1.000	0.0	104	0.00
99	T	Diphenamid		0.466	0.506	-8.6	105	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : AP9ICV.D
Acq On : 17 Nov 2025 5:52 am
Operator : SV103:mrg
Sample : CQICV2,32,,AP9ICV Lot# 12055
Misc : WG2143949
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 19 14:23:03 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	4.477	152	228506	40.000	ug/ml	0.00
Standard Area 1 = 220640			Recovery	= 103.57%		
55) IS2_Naphthalene-d8	5.716	136	871450	40.000	ug/ml	0.00
Standard Area 1 = 845837			Recovery	= 103.03%		
83) IS2_Acenaphthene-d10	7.420	164	506999	40.000	ug/ml	0.00
Standard Area 1 = 487867			Recovery	= 103.92%		
98) IS2_Phenanthrene-d10	8.852	188	1043103	40.000	ug/ml	0.00
Standard Area 1 = 1000561			Recovery	= 104.25%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	4.042	105	296496	50.569	ug/ml	94
29) Acetophenone	4.886	105	526655	52.237	ug/ml	94
30) m-Toluidine	4.968	106	516905	52.184	ug/ml	99
31) 2-Chloroaniline	5.326	127	467036	52.150	ug/ml	97
56) a-Terpineol	5.787	59	315446	53.577	ug/ml	96
57) 3-Chloroaniline	5.798	65	158619	52.334	ug/ml	78
58) 2,6-Dichlorophenol	5.821	162	321197	55.149	ug/ml	97
59) 1-chloro-2-nitrobenzene	6.076	111	136809	57.333	ug/ml	96
60) Caprolactam	6.133	55	173403	57.083	ug/ml	90
61) 1,2,4,5-Tetrachloroben...	6.585	216	412782	50.236	ug/ml	99
62) Biphenyl	6.883	154	959364	51.495	ug/ml	100
84) Dichloran	8.554	206	103086	48.042	ug/ml#	77
85) Pentachloronitrobenzene	8.696	237	112395	55.763	ug/ml#	81
99) Diphenamid	9.773	167	659606	54.264	ug/ml#	81

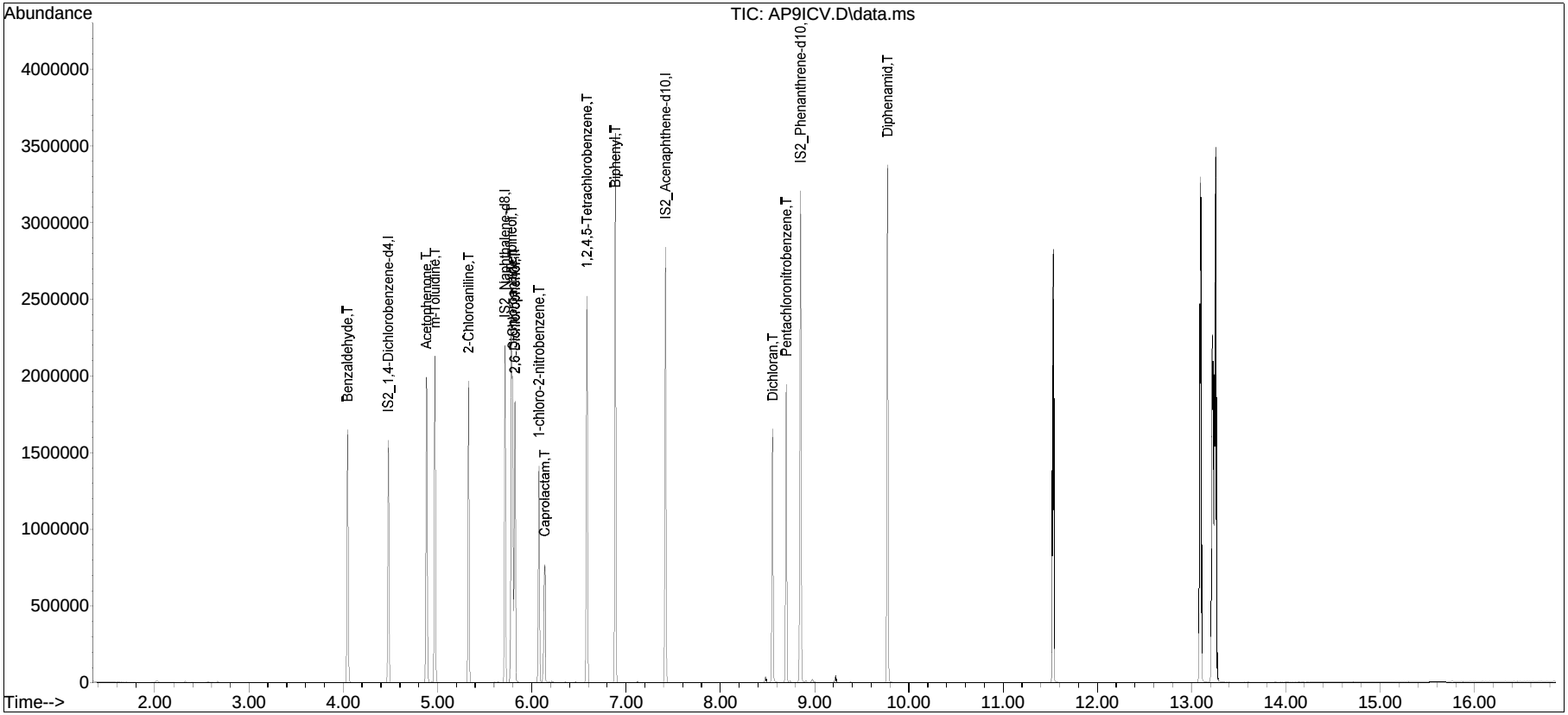
(#) = qualifier out of range (m) = manual integration (+) = signals summed

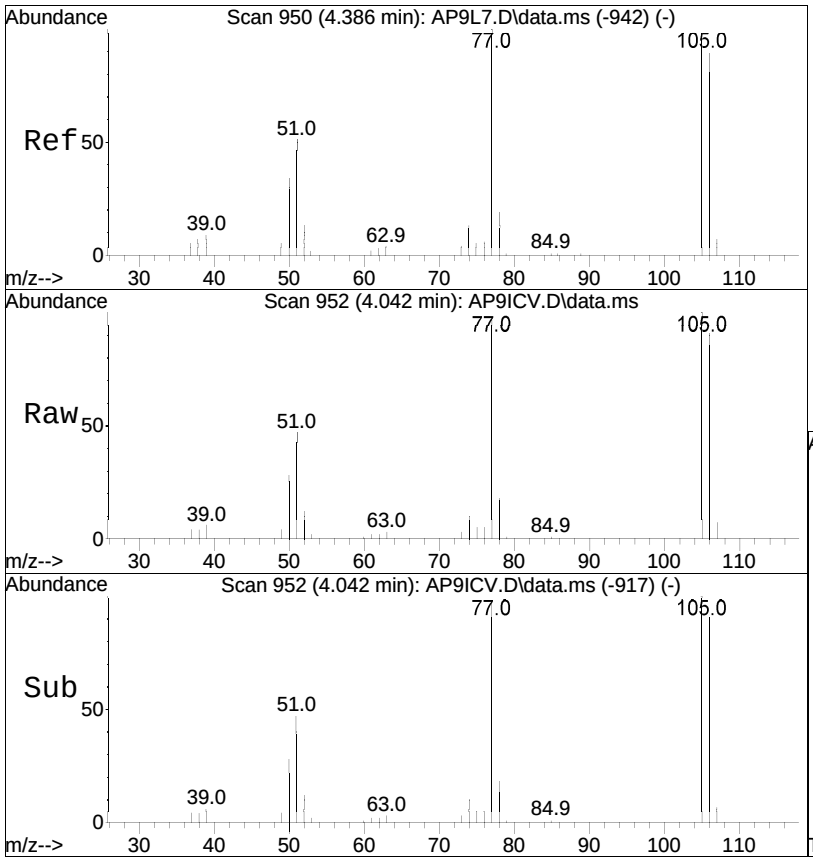
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : AP9ICV.D
Acq On : 17 Nov 2025 5:52 am
Operator : SV103:mrg
Sample : CQICV2,32,,AP9ICV Lot# 12055
Misc : WG2143949
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Nov 19 14:23:03 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistal\AP9L7.D•

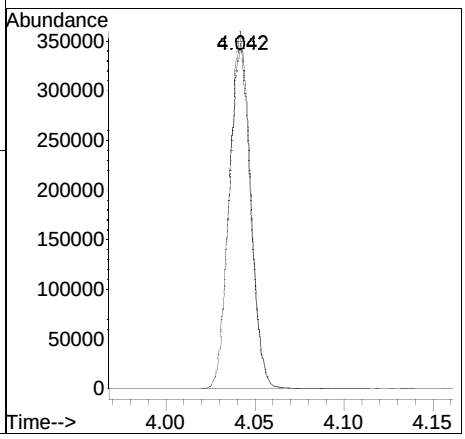


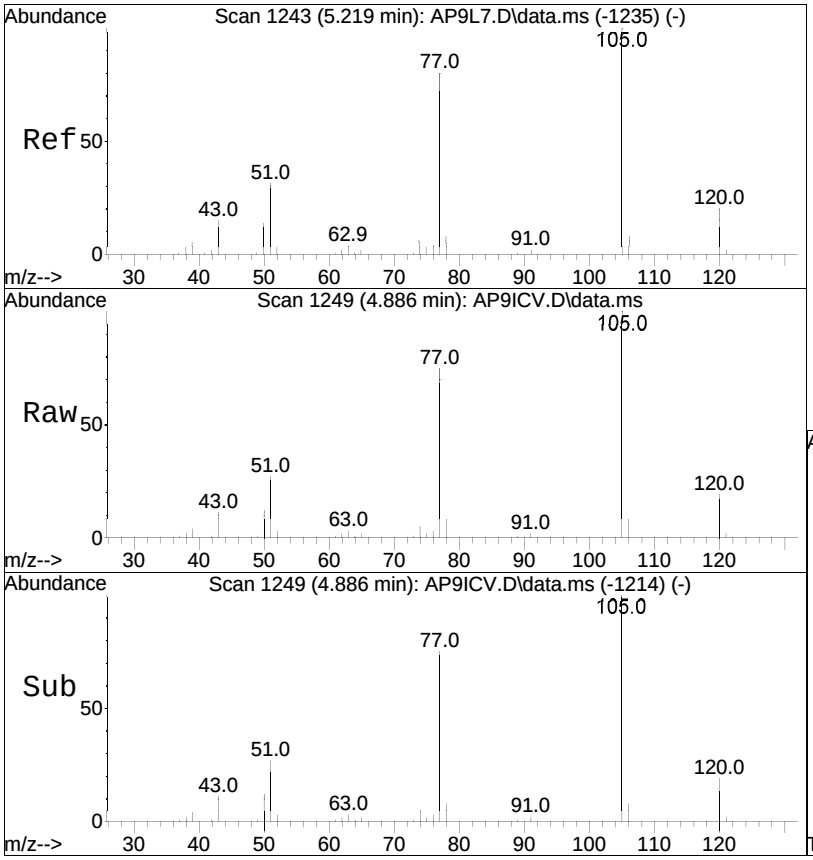


#28
Benzaldehyde
Concen: 50.57 ug/ml
RT: 4.042 min Scan# 952
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 17 Nov 2025 5:52 am

Tgt Ion:105 Resp: 296496

Ion	Ratio	Lower	Upper
105	100		
77	95.8	72.0	108.0

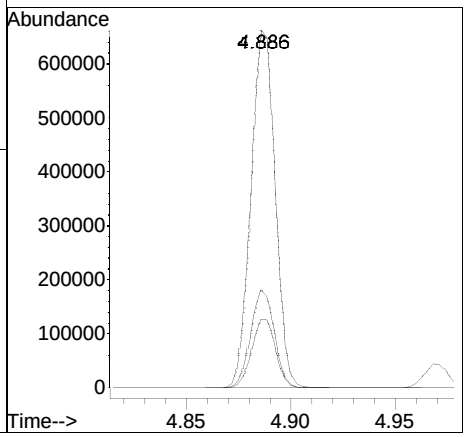


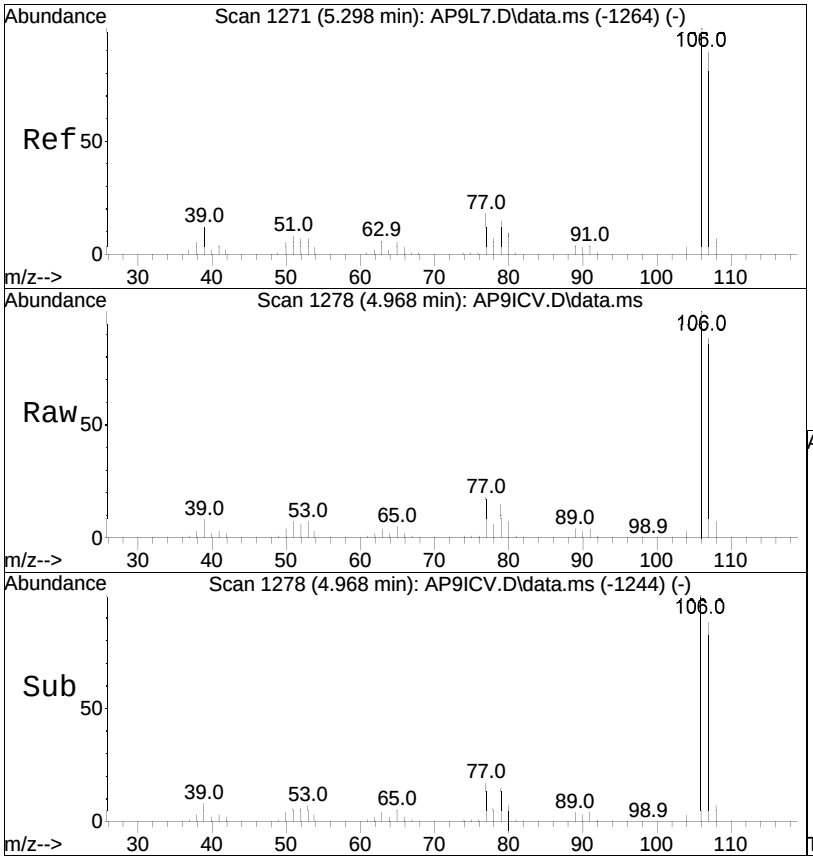


#29
Acetophenone
Concen: 52.24 ug/ml
RT: 4.886 min Scan# 1249
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 17 Nov 2025 5:52 am

Tgt Ion:105 Resp: 526655

Ion	Ratio	Lower	Upper
105	100		
120	19.1	18.0	27.0
51	27.0	23.8	35.6

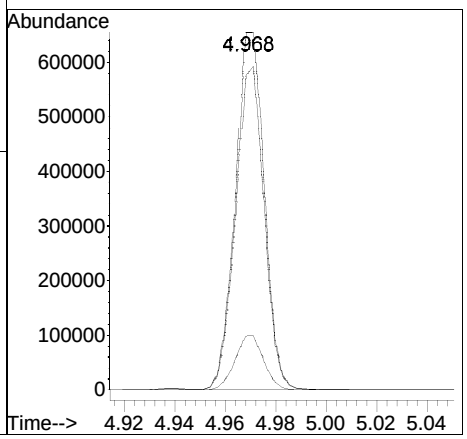


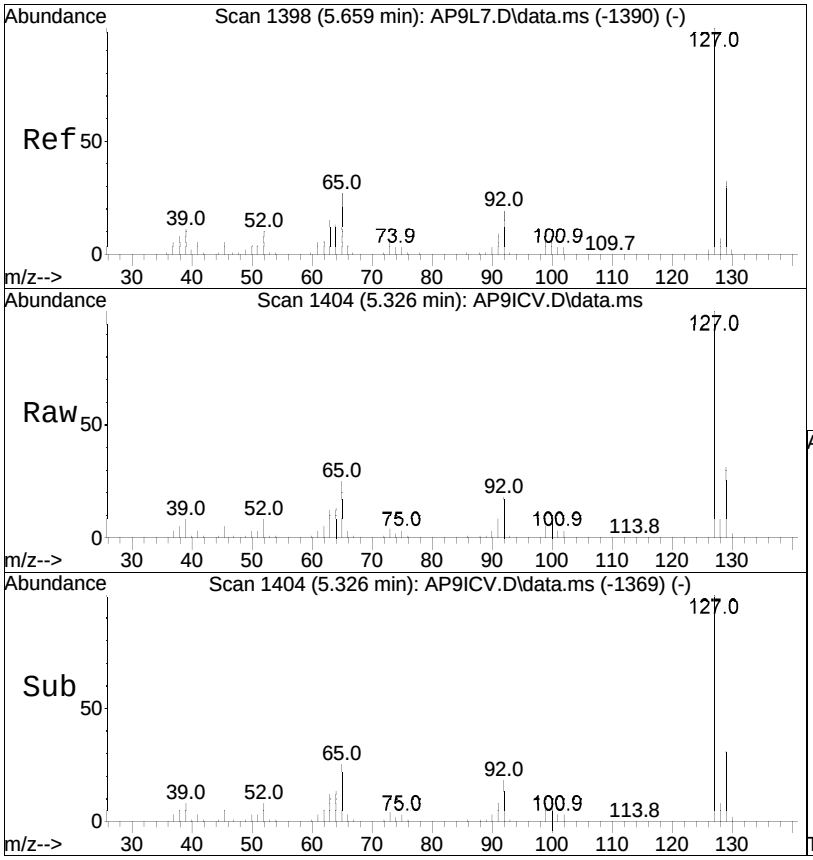


#30
m-Toluidine
Concen: 52.18 ug/ml
RT: 4.968 min Scan# 1278
Delta R.T. -0.003 min
Lab File: AP9ICV.D
Acq: 17 Nov 2025 5:52 am

Tgt Ion:106 Resp: 516905

Ion	Ratio	Lower	Upper
106	100		
107	89.4	71.1	106.7
79	15.1	10.5	15.7

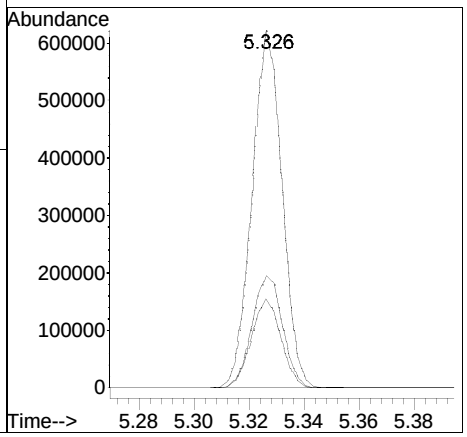


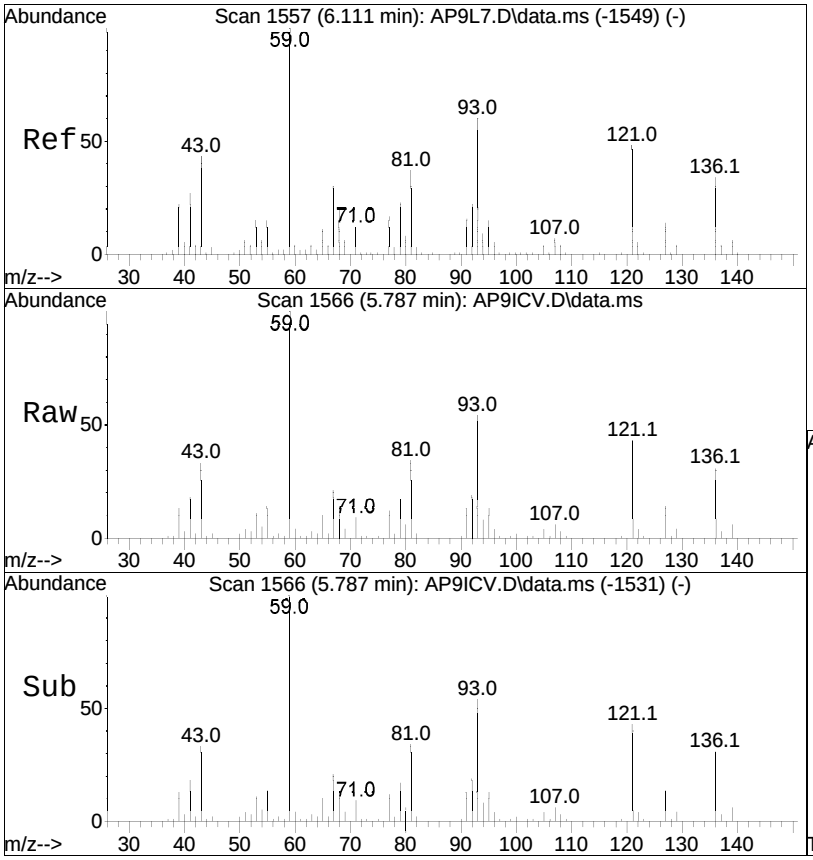


#31
2-Chloroaniline
Concen: 52.15 ug/ml
RT: 5.326 min Scan# 1404
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 17 Nov 2025 5:52 am

Tgt Ion:127 Resp: 467036

Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.9	38.9
65	24.9	17.1	25.7

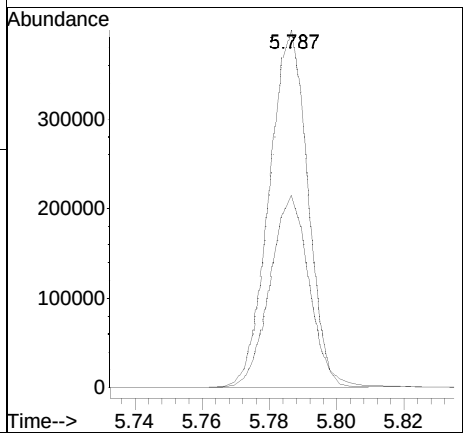


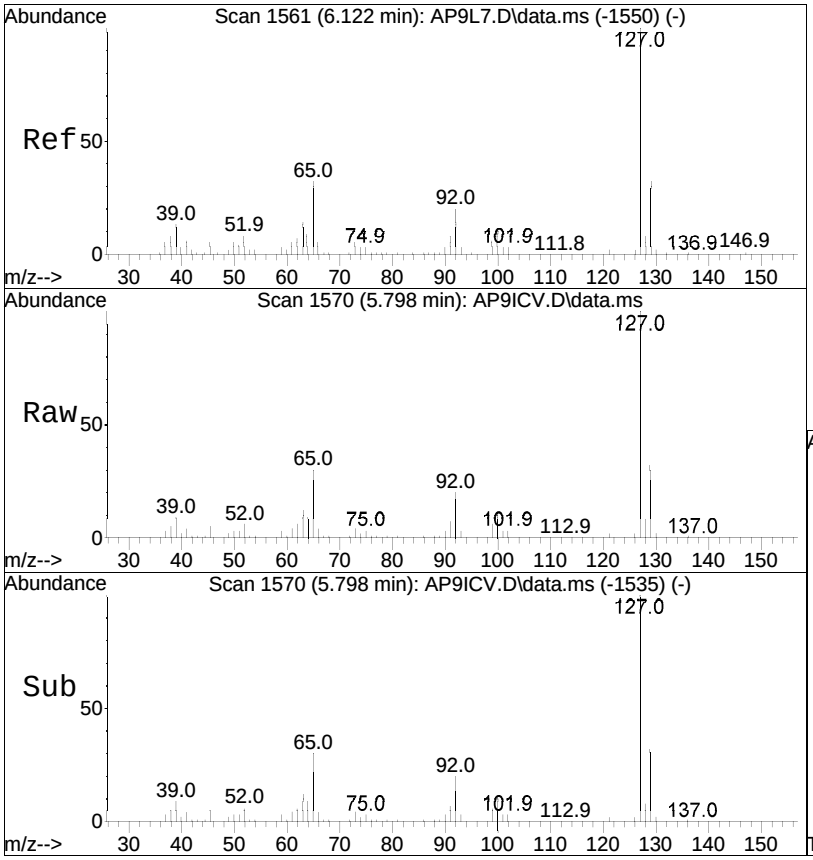


#56
a-Terpineol
Concen: 53.58 ug/ml
RT: 5.787 min Scan# 1566
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 17 Nov 2025 5:52 am

Tgt Ion: 59 Resp: 315446

Ion	Ratio	Lower	Upper
59	100		
93	55.6	42.2	63.4

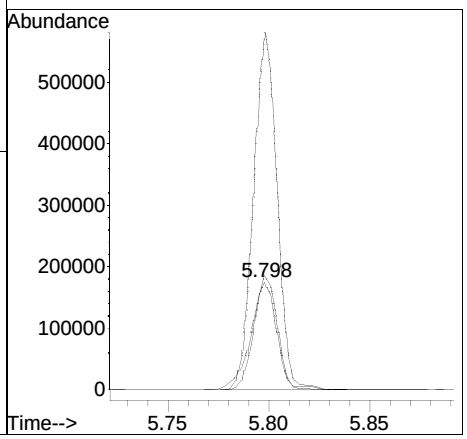


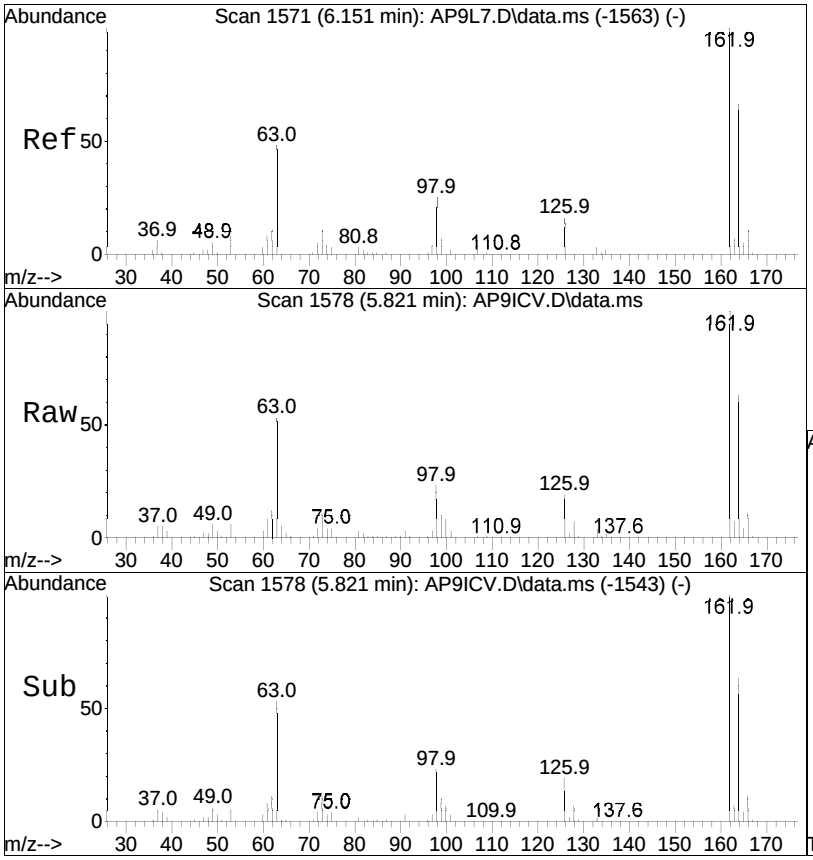


#57
3-Chloroaniline
Concen: 52.33 ug/ml
RT: 5.798 min Scan# 1570
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 17 Nov 2025 5:52 am

Tgt Ion: 65 Resp: 158619

Ion	Ratio	Lower	Upper
65	100		
127	294.7	278.4	417.6
129	94.5	88.9	133.3

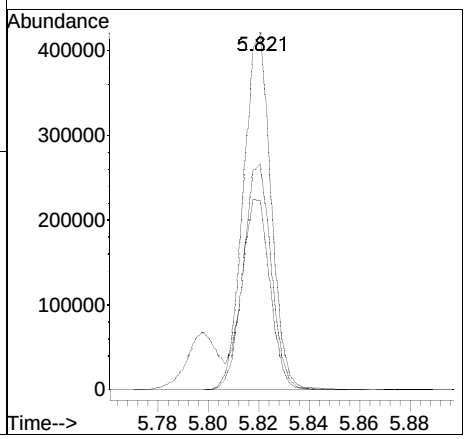


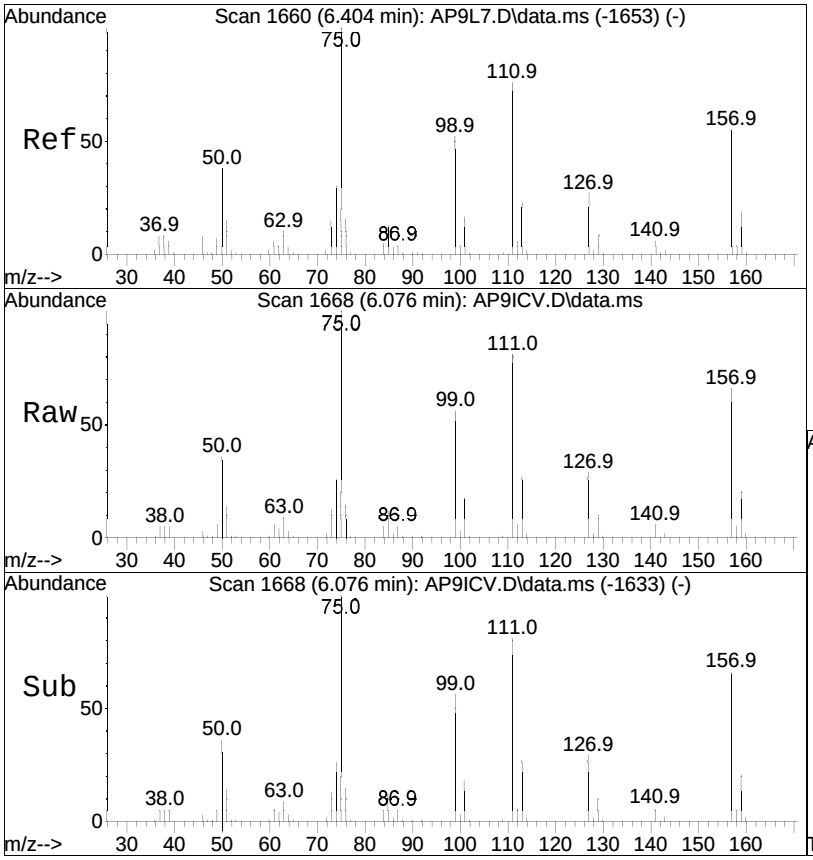


#58
2,6-Dichlorophenol
Concen: 55.15 ug/ml
RT: 5.821 min Scan# 1578
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 17 Nov 2025 5:52 am

Tgt Ion:162 Resp: 321197

Ion	Ratio	Lower	Upper
162	100		
164	64.0	50.8	76.2
63	54.4	47.4	71.0

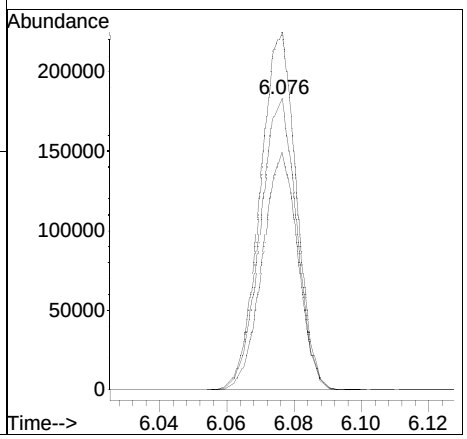


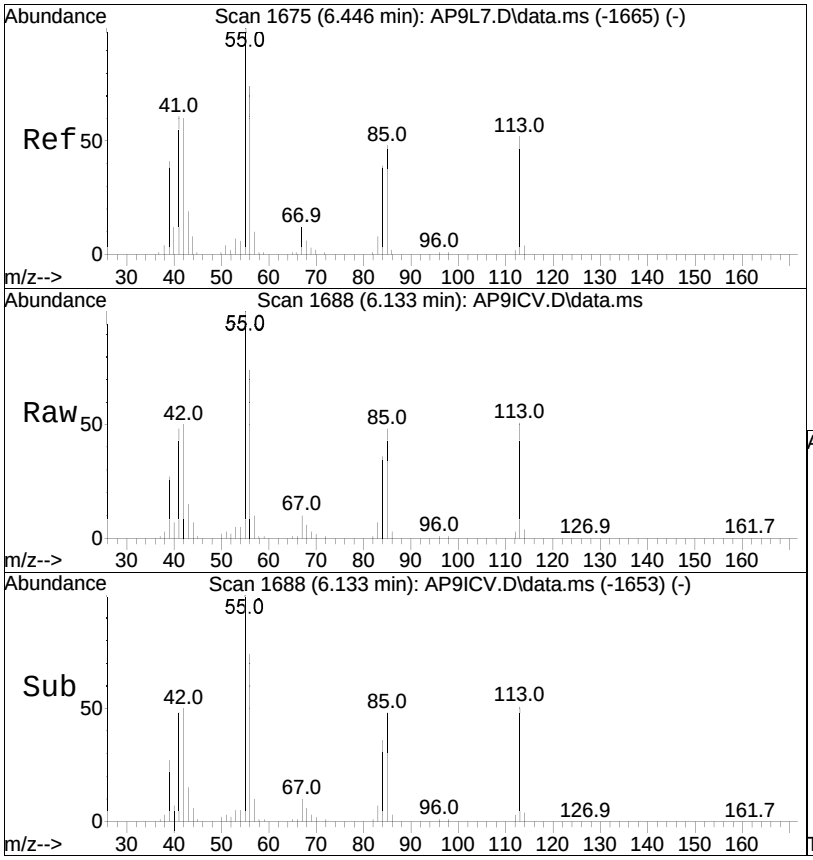


#59
1-chloro-2-nitrobenzene
Concen: 57.33 ug/ml
RT: 6.076 min Scan# 1668
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 17 Nov 2025 5:52 am

Tgt Ion:111 Resp: 136809

Ion	Ratio	Lower	Upper
111	100		
157	79.6	62.6	94.0
75	122.2	93.0	139.6

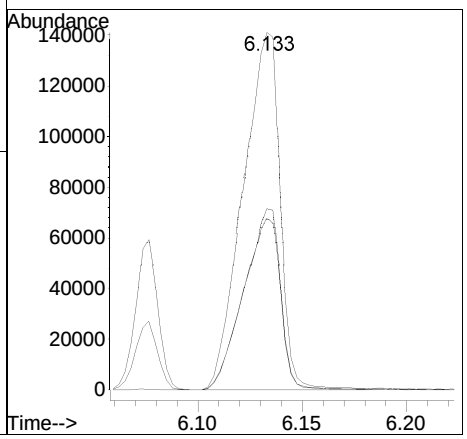


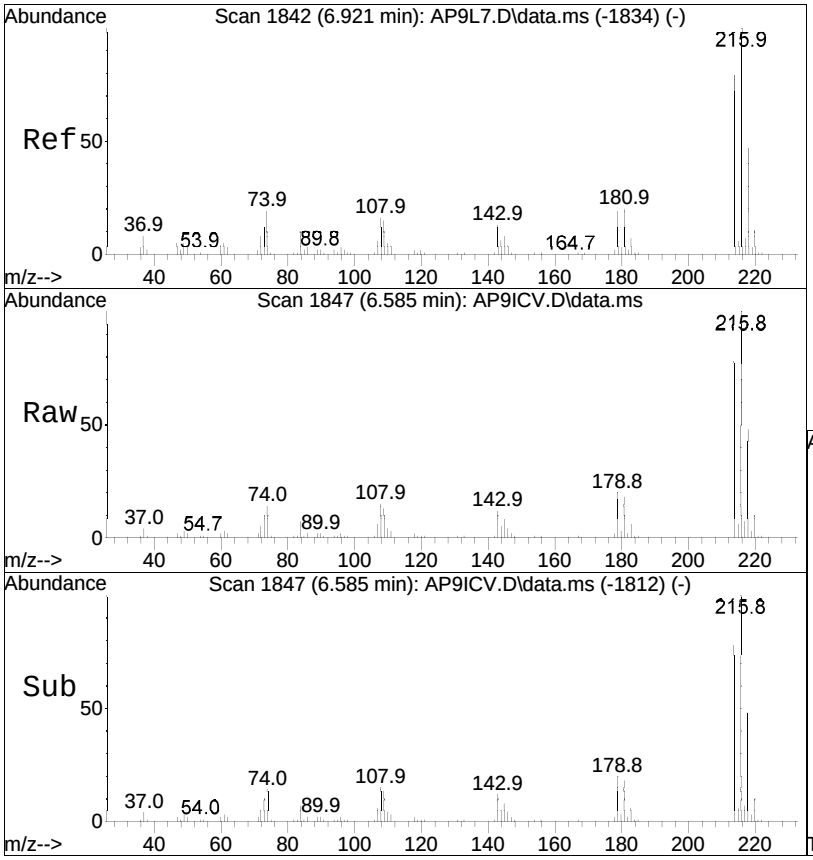


#60
Caprolactam
Concen: 57.08 ug/ml
RT: 6.133 min Scan# 1688
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 17 Nov 2025 5:52 am

Tgt Ion: 55 Resp: 173403

Ion	Ratio	Lower	Upper
55	100		
85	48.6	32.6	48.8
113	50.0	44.6	66.8

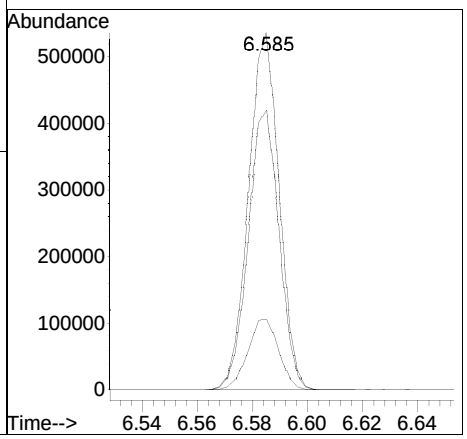


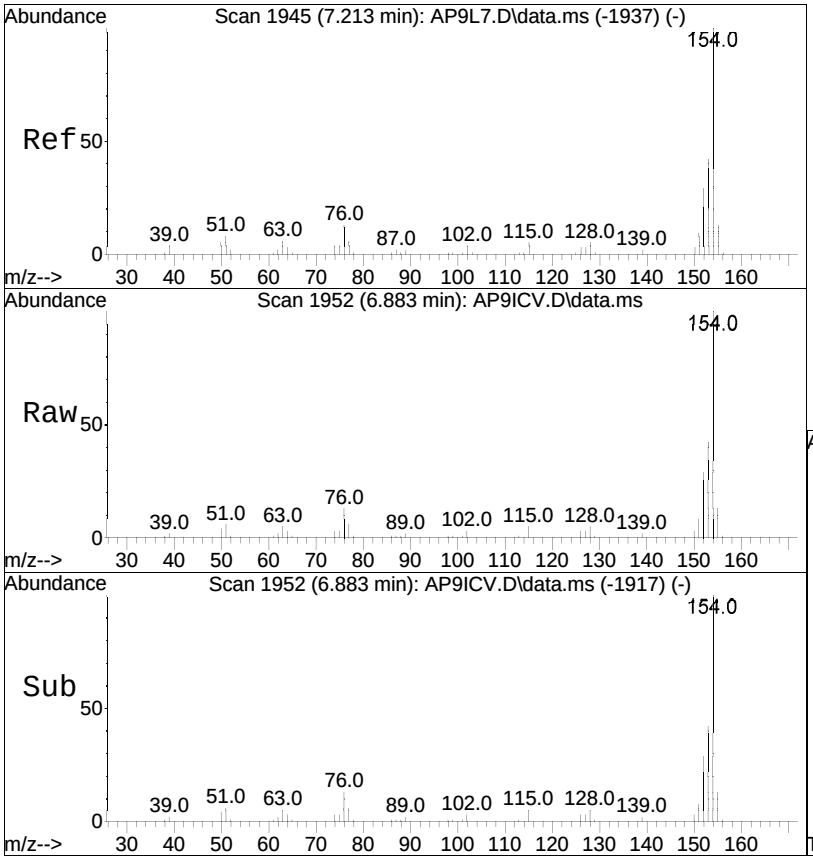


#61
1,2,4,5-Tetrachlorobenzene
Concen: 50.24 ug/ml
RT: 6.585 min Scan# 1847
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 17 Nov 2025 5:52 am

Tgt Ion:216 Resp: 412782

Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.0	94.6
179	20.1	17.4	26.2

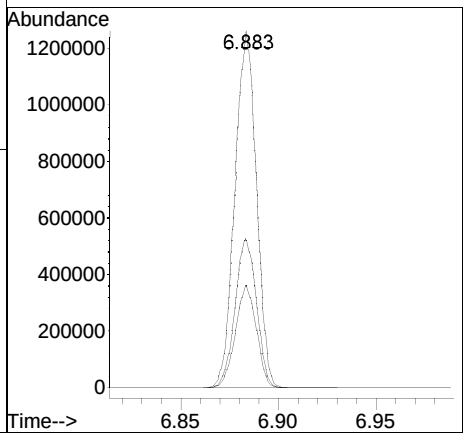


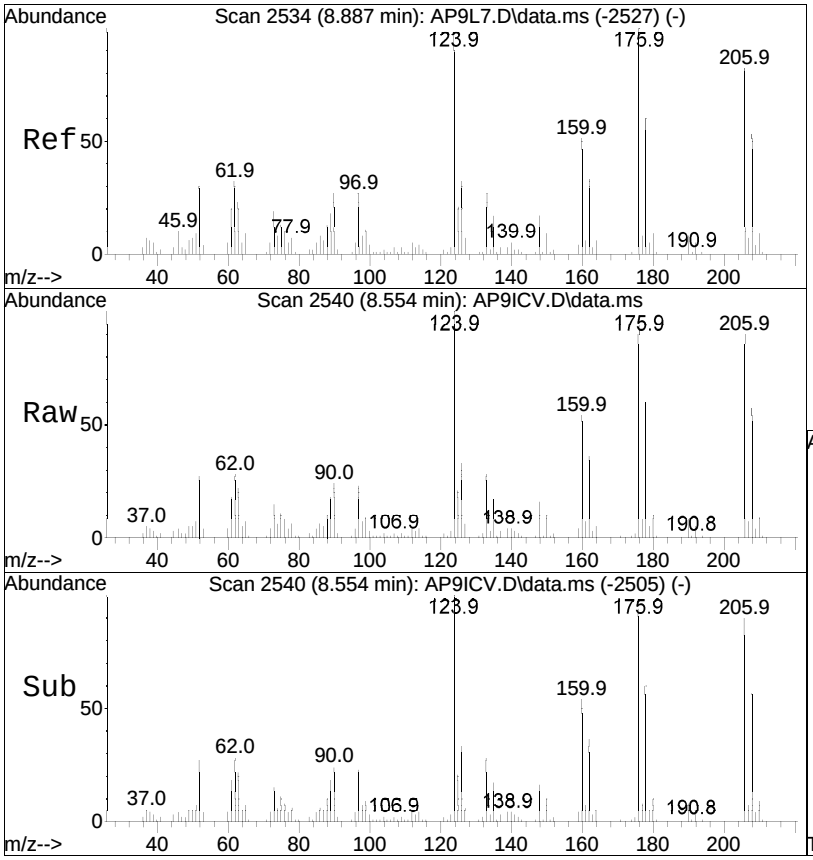


#62
Biphenyl
Concen: 51.49 ug/ml
RT: 6.883 min Scan# 1952
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 17 Nov 2025 5:52 am

Tgt Ion:154 Resp: 959364

Ion	Ratio	Lower	Upper
154	100		
153	41.9	33.5	50.3
152	28.4	22.6	34.0

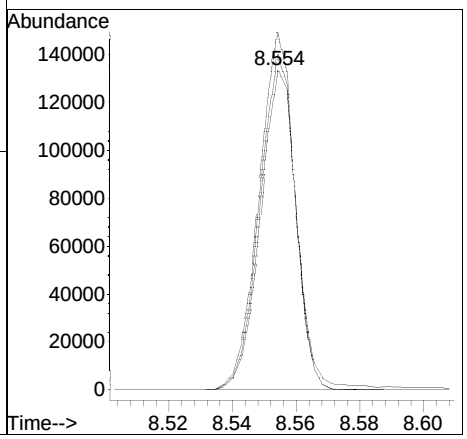


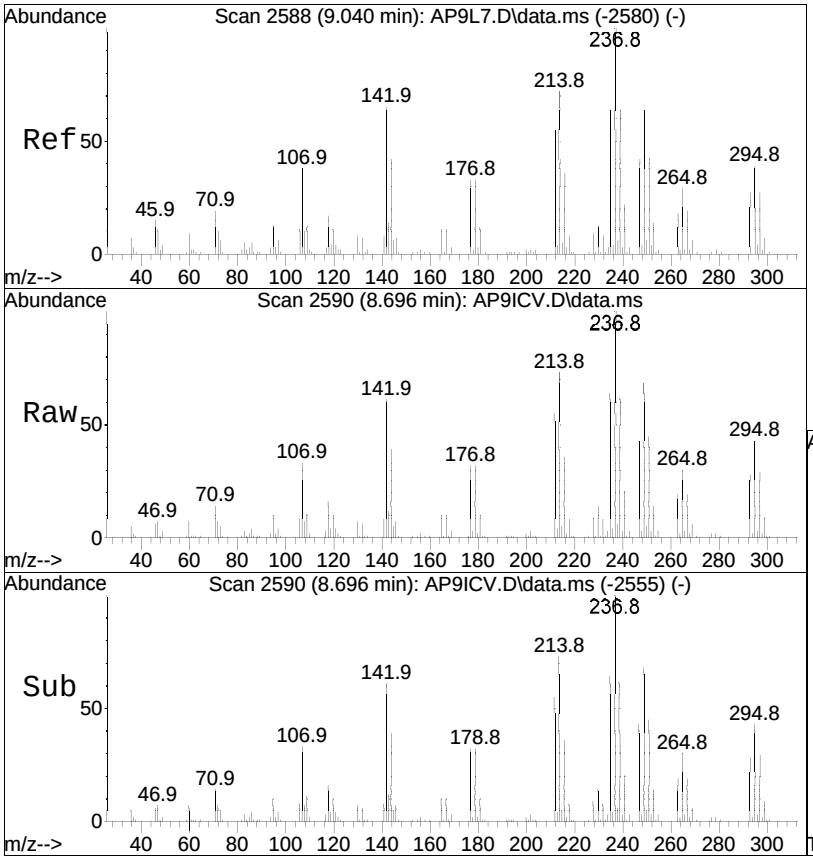


#84
Dichloran
Concen: 48.04 ug/ml
RT: 8.554 min Scan# 2540
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 17 Nov 2025 5:52 am

Tgt Ion:206 Resp: 103086

Ion	Ratio	Lower	Upper
206	100		
176	110.2	72.3	108.5#
124	112.1	114.0	171.0#

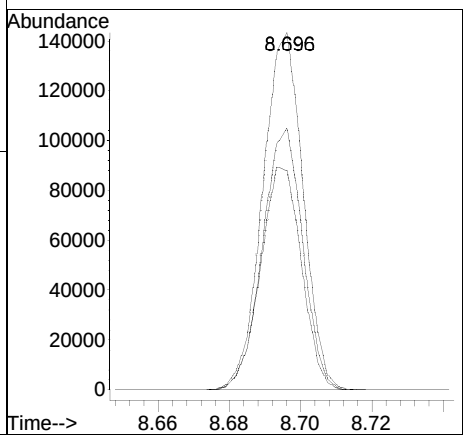


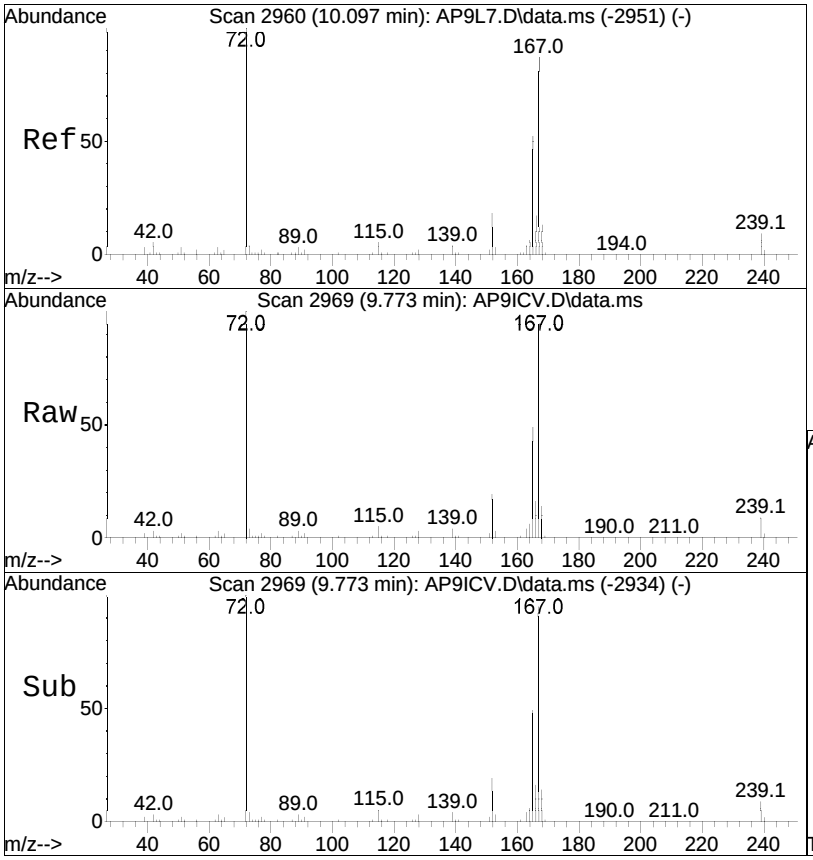


#85
Pentachloronitrobenzene
Concen: 55.76 ug/ml
RT: 8.696 min Scan# 2590
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 17 Nov 2025 5:52 am

Tgt Ion:237 Resp: 112395

Ion	Ratio	Lower	Upper
237	100		
142	63.6	75.2	112.8#
214	73.0	60.5	90.7

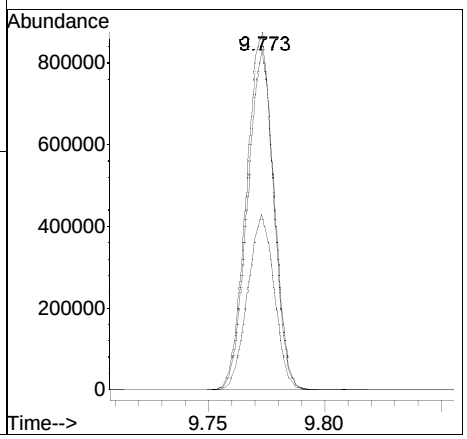




#99
Diphenamid
Concen: 54.26 ug/ml
RT: 9.773 min Scan# 2969
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 17 Nov 2025 5:52 am

Tgt Ion:167 Resp: 659606

Ion	Ratio	Lower	Upper
167	100		
72	105.2	105.4	158.2#
165	51.4	36.2	54.4



Manual Integration Report

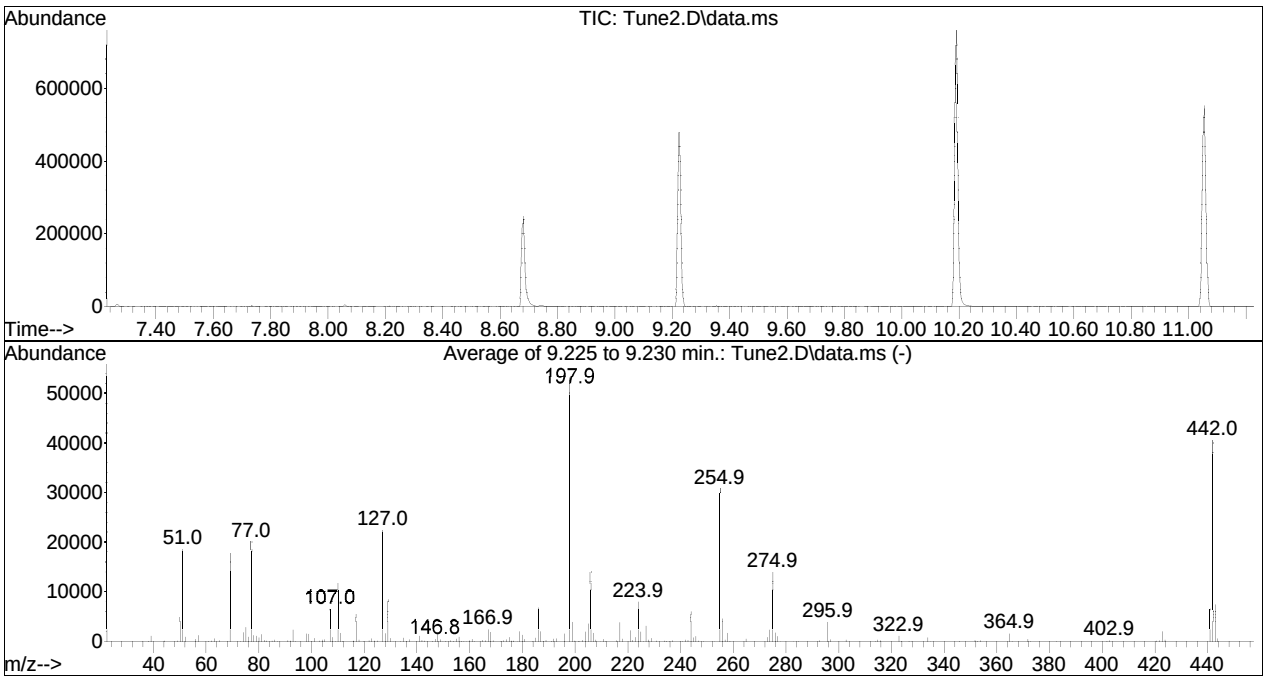
Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: AP9ICV.D	Operator	: SV103:mrg
Date Inj'd	: 11/17/2025 5:52 am	Instrument	: SV103
Sample	: CQICV2,32,,AP9ICV Lot# 120	Quant Date	: 11/19/2025 2:23 pm

There are no manual integrations or false positives in this file.

Data Path : I:\8270\SV103\251116ical\
Data File : Tune2.D
Acq On : 17 Nov 2025 6:13 am
Operator : SV103:mrg
Sample : Tune2 Lot#12020
Misc : WG2143949
ALS Vial : 141 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\SV103\251116ical\FS251116SV103.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Nov 19 15:17:01 2025



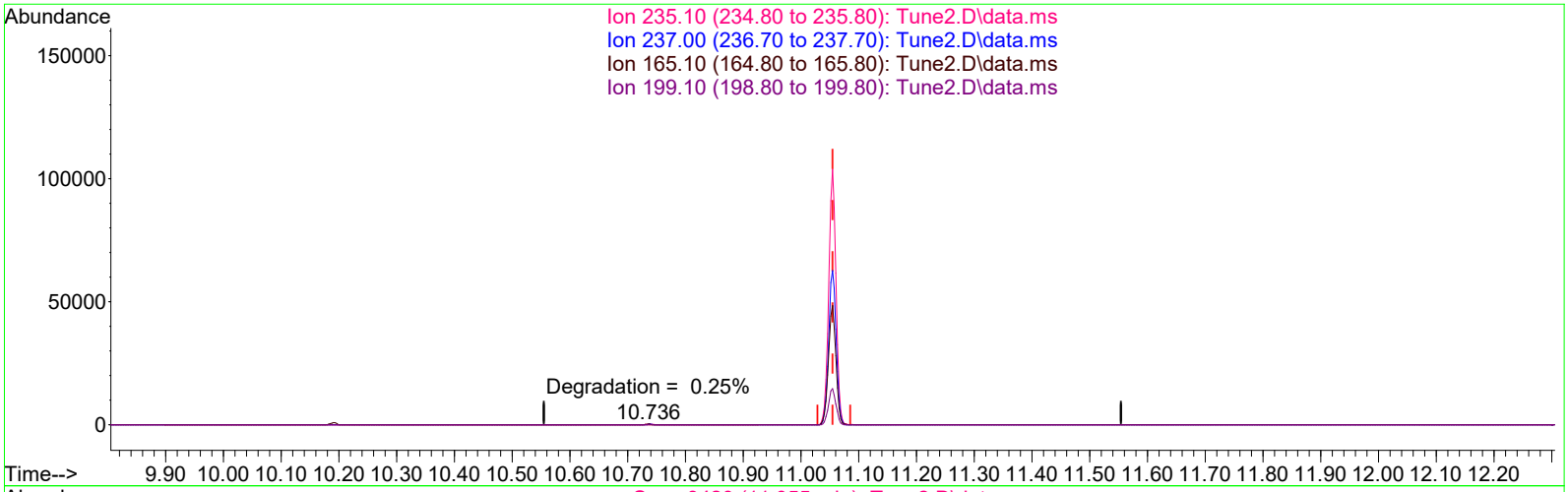
Spectrum Information: Average of 9.225 to 9.230 min.

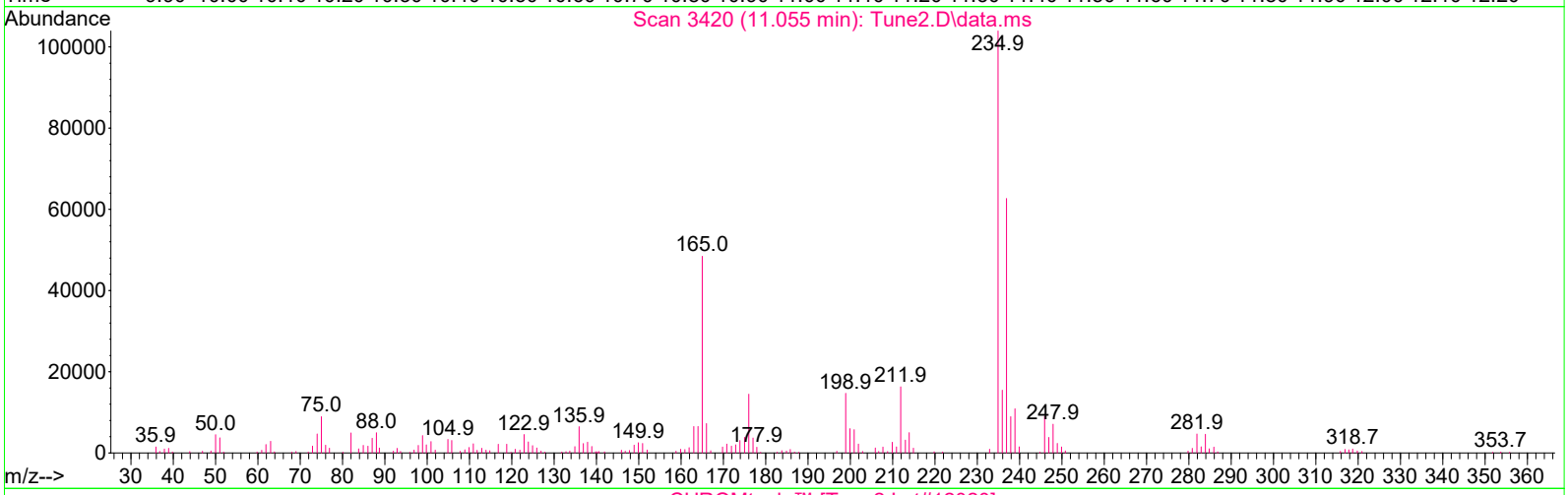
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	34.9	18522	PASS
68	69	0.00	2	0.4	79	PASS
69	69	0.20	100	100.0	17680	PASS
70	69	0.00	2	0.0	0	PASS
127	198	10	80	42.2	22413	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	53136	PASS
199	198	5	9	7.2	3823	PASS
275	198	10	60	26.2	13927	PASS
365	198	1	100	3.0	1617	PASS
441	442	0.01	24	16.4	6638	PASS
442	198	50	100	76.3	40555	PASS
443	442	15	24	18.2	7395	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\SV103\251116ical\
Data File : Tune2.D
Acq On : 17 Nov 2025 6:13 am
Operator : SV103:mrg
Sample : Tune2 Lot#12020
Misc : WG2143949
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Nov 17 09:13:05 2025
Quant Method : I:\8270\SV103\251116ical\DftppSV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 07 09:14:14 2017
Response via : Initial Calibration





CHROMtools™ [Tune2 Lot#12020]

(6) DDT (T)

11.055min (-0.000) 0.00

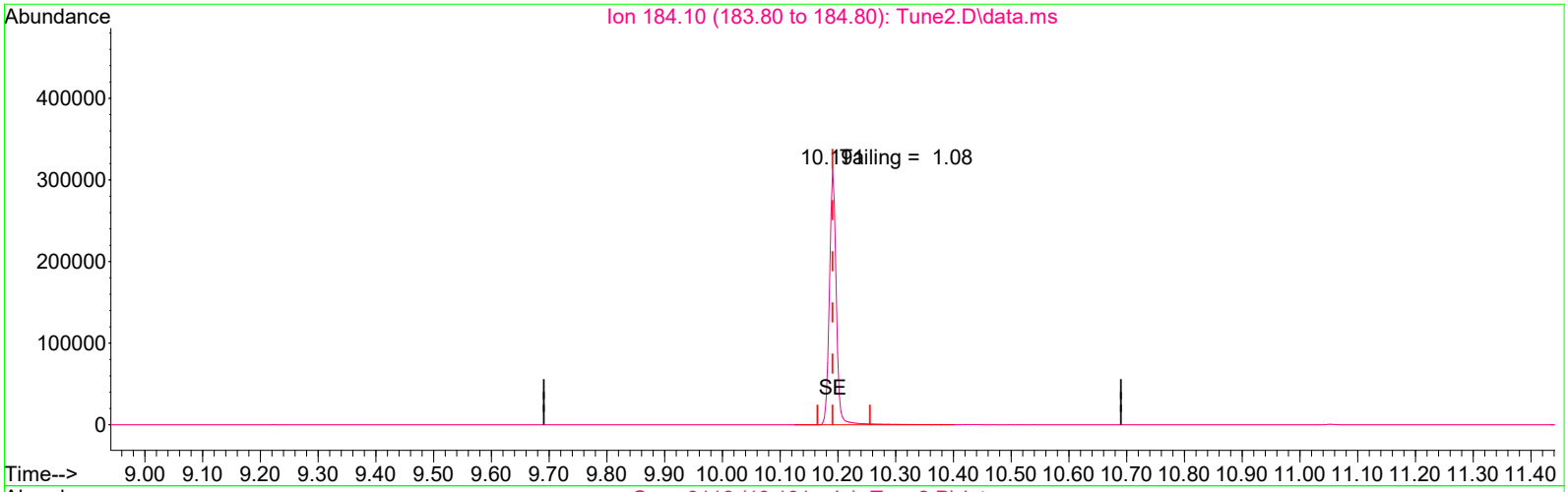
response 90948

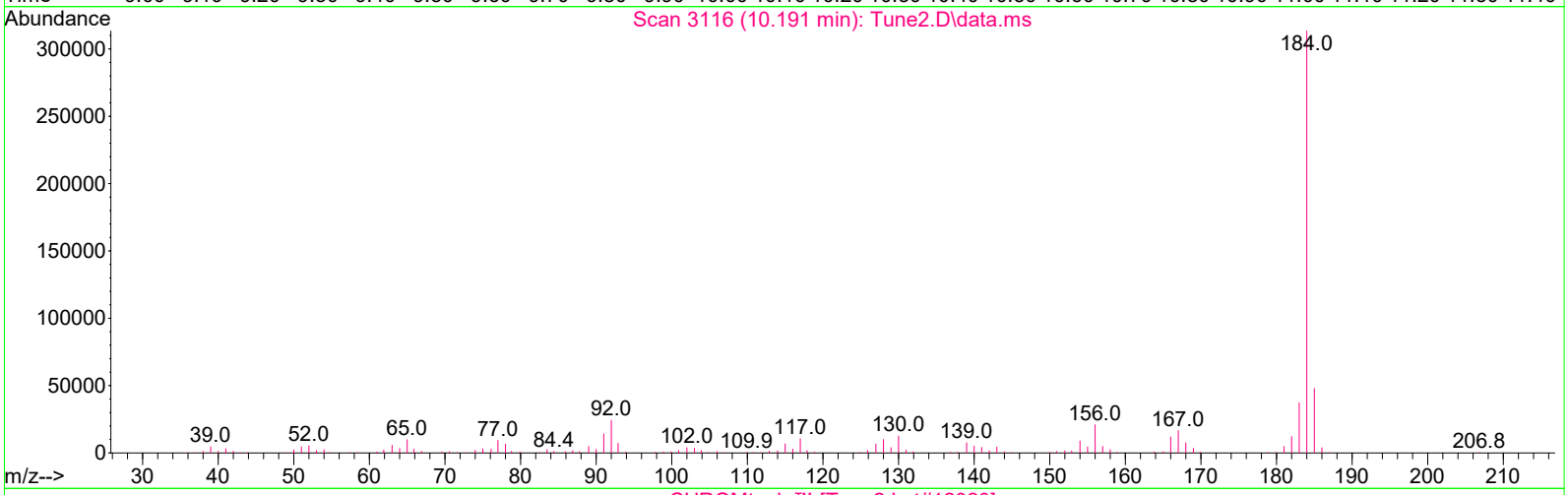
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	64.60	62.52
165.10	44.20	47.87
199.10	14.00	14.61

Quantitation Report (Qedit)

Data Path : I:\8270\SV103\251116ical\
Data File : Tune2.D
Acq On : 17 Nov 2025 6:13 am
Operator : SV103:mrg
Sample : Tune2 Lot#12020
Misc : WG2143949
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Nov 17 09:13:05 2025
Quant Method : I:\8270\SV103\251116ical\DftppSV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 07 09:14:14 2017
Response via : Initial Calibration





CHROMtools™ [Tune2 Lot#12020]

(3) Benzidine (T)

10.191min (-0.000) 0.00

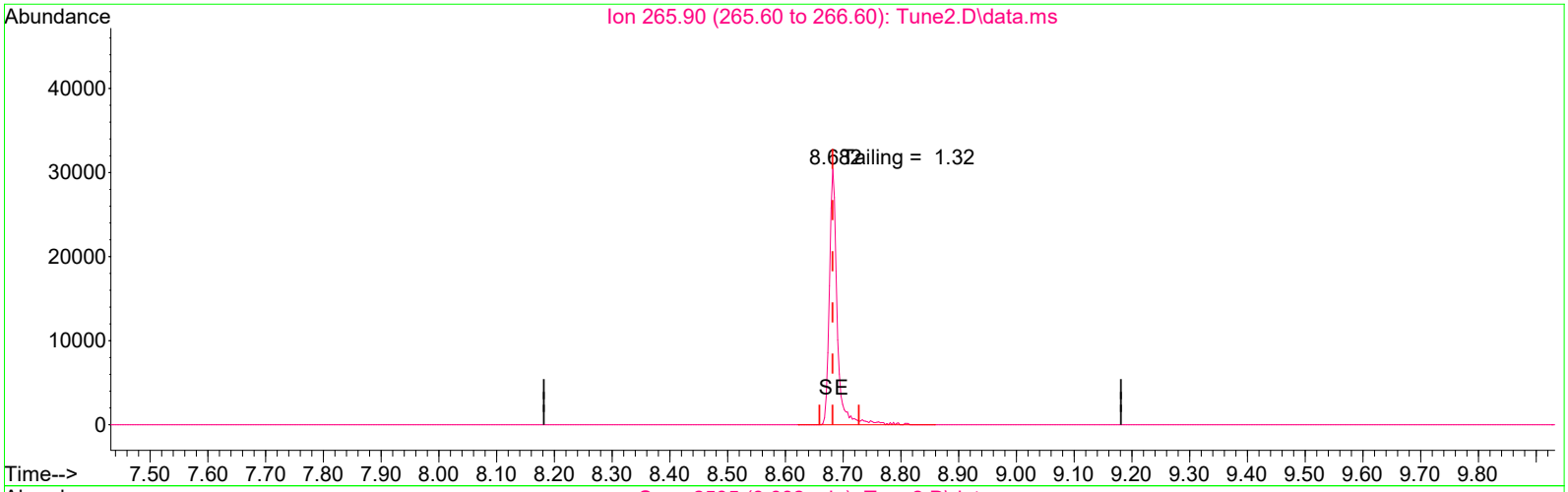
response 255033

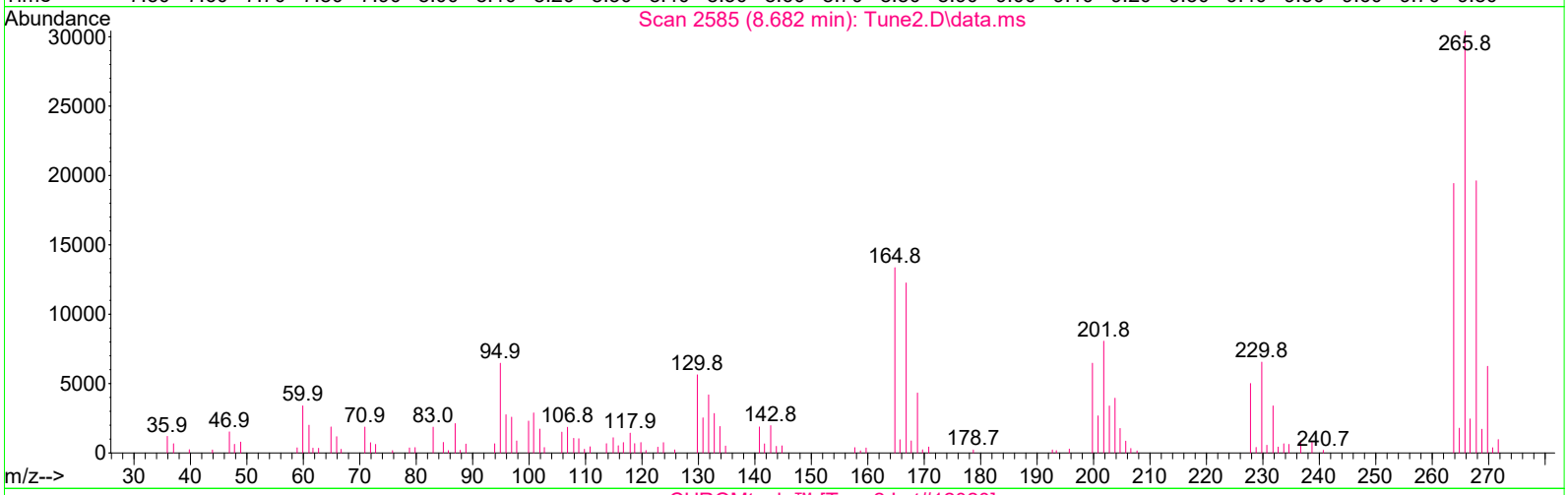
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\SV103\251116ical\
Data File : Tune2.D
Acq On : 17 Nov 2025 6:13 am
Operator : SV103:mrg
Sample : Tune2 Lot#12020
Misc : WG2143949
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Nov 17 09:13:05 2025
Quant Method : I:\8270\SV103\251116ical\DftppSV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 07 09:14:14 2017
Response via : Initial Calibration





CHROMtools™ [Tune2 Lot#12020]

(1) Pentachlorophenol (T)

8.682min (+ 0.000) 0.00

response 27712

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ADPL10.D
Acq On : 17 Nov 2025 6:34 am
Operator : SV103:mrg
Sample : IL21,32,,ADPL200 Lot# 12113
Misc : WG2143949
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 19 14:21:19 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	4.477	152	241661	40.000	ug/ml	-0.01
Standard Area 1 = 226603			Recovery = 106.65%			
86) IS3_Acenaphthene-d10	7.420	164	549428	40.000	ug/ml	-0.01
Standard Area 1 = 514225			Recovery = 106.85%			
100) IS3_Phenanthrene-d10	8.852	188	1104487	40.000	ug/ml	-0.01
Standard Area 1 = 1070967			Recovery = 103.13%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.527	88	551771	192.931	ug/ml#	81
34) n-Decane	4.371	57	1589010	191.669	ug/ml	93
87) Atrazine	8.662	200	1110046	218.974	ug/ml	97
101) n-Octadecane	8.861	57	2168651	197.041	ug/ml	90
102) Parathion	9.662	109	594962	257.463	ug/ml#	93
103) 3,3'-Dimethylbenzidine	10.955	212	4351881	213.598	ug/ml	99

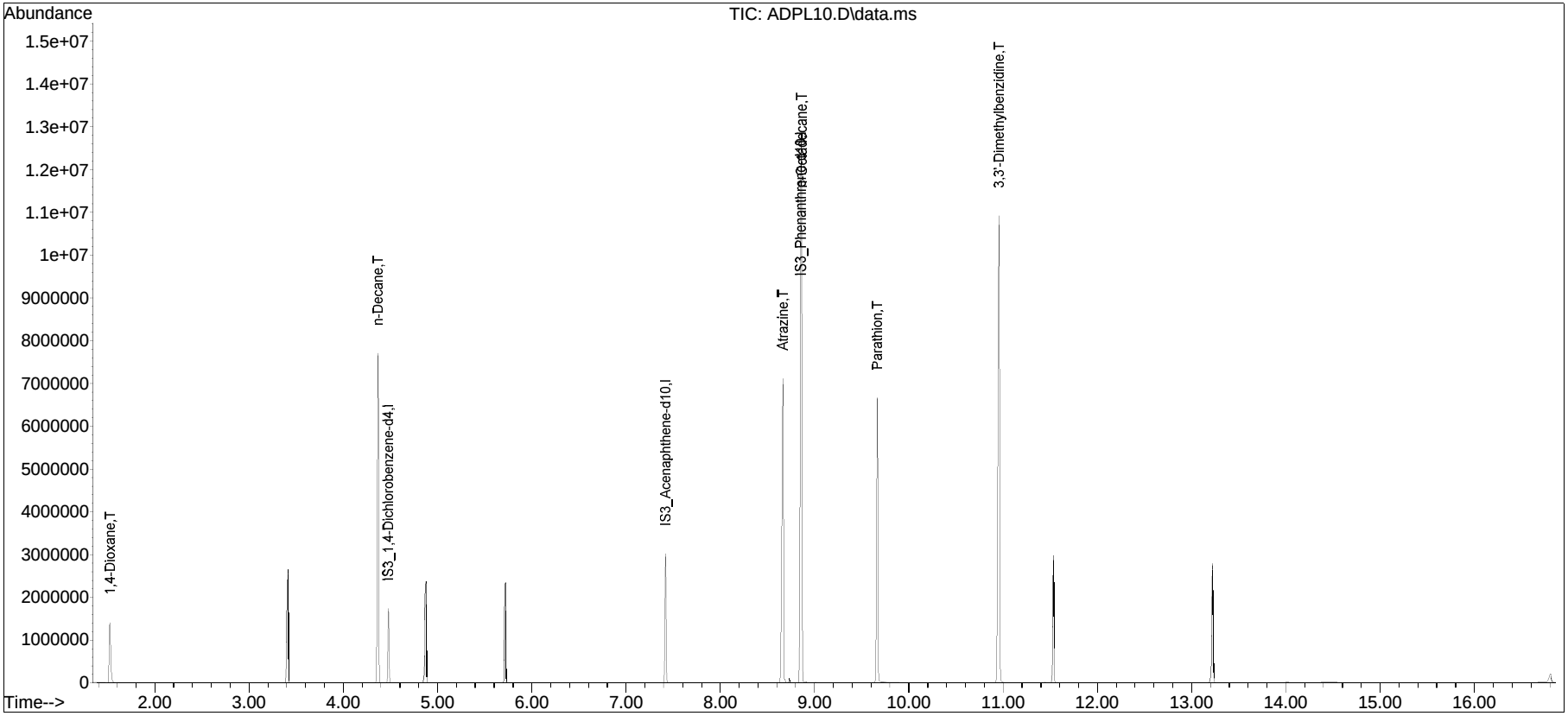
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ADPL10.D
Acq On : 17 Nov 2025 6:34 am
Operator : SV103:mrg
Sample : IL21,32,,ADPL200 Lot# 12113
Misc : WG2143949
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Nov 19 14:21:19 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistal\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: ADPL10.D	Operator	: SV103:mrg
Date Inj'd	: 11/17/2025 6:34 am	Instrument	: SV103
Sample	: IL21,32,,ADPL200 Lot# 1211	Quant Date	: 11/19/2025 2:21 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ADPL9.D
Acq On : 17 Nov 2025 6:55 am
Operator : SV103:mrg
Sample : IL22,32,,ADPL150 Lot# 12114
Misc : WG2143949
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 19 14:22:53 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	4.477	152	230109	40.000	ug/ml	-0.01
Standard Area 1 = 226603			Recovery = 101.55%			
86) IS3_Acenaphthene-d10	7.420	164	520988	40.000	ug/ml	-0.01
Standard Area 1 = 514225			Recovery = 101.32%			
100) IS3_Phenanthrene-d10	8.853	188	1072388	40.000	ug/ml	-0.01
Standard Area 1 = 1070967			Recovery = 100.13%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.527	88	395404	145.197	ug/ml#	81
34) n-Decane	4.372	57	1147503	145.363	ug/ml	94
87) Atrazine	8.656	200	808303	168.155	ug/ml	97
101) n-Octadecane	8.858	57	1566206	146.563	ug/ml	91
102) Parathion	9.660	109	419163	186.817	ug/ml#	94
103) 3,3'-Dimethylbenzidine	10.952	212	3297447	166.689	ug/ml	99

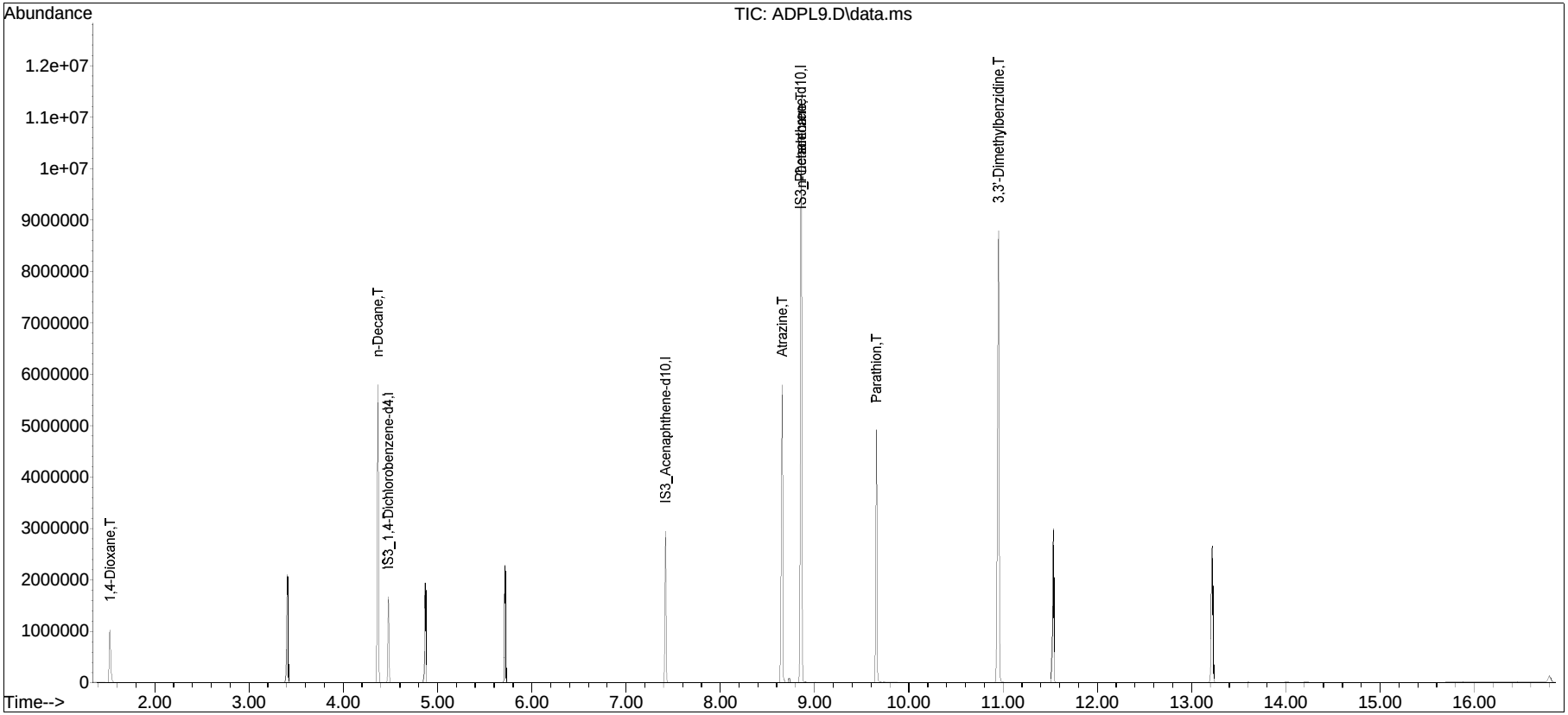
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ADPL9.D
Acq On : 17 Nov 2025 6:55 am
Operator : SV103:mrg
Sample : IL22,32,,ADPL150 Lot# 12114
Misc : WG2143949
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Nov 19 14:22:53 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistal\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: ADPL9.D	Operator	: SV103:mrg
Date Inj'd	: 11/17/2025 6:55 am	Instrument	: SV103
Sample	: IL22,32,,ADPL150 Lot# 1211	Quant Date	: 11/19/2025 2:23 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ADPL8.D
Acq On : 17 Nov 2025 7:17 am
Operator : SV103:mrg
Sample : IL23,32,,ADPL100 Lot# 12115
Misc : WG2143949
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 19 14:22:43 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	4.477	152	236000	40.000	ug/ml	-0.01
Standard Area 1 = 226603			Recovery = 104.15%			
86) IS3_Acenaphthene-d10	7.420	164	515991	40.000	ug/ml	-0.01
Standard Area 1 = 514225			Recovery = 100.34%			
100) IS3_Phenanthrene-d10	8.852	188	1044034	40.000	ug/ml	-0.01
Standard Area 1 = 1070967			Recovery = 97.49%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.527	88	270233	96.755	ug/ml#	81
34) n-Decane	4.372	57	798038	98.570	ug/ml	94
87) Atrazine	8.654	200	520205	109.269	ug/ml	97
101) n-Octadecane	8.855	57	1075643	103.390	ug/ml	92
102) Parathion	9.657	109	255465	116.951	ug/ml#	94
103) 3,3'-Dimethylbenzidine	10.949	212	2191438	113.788	ug/ml	99

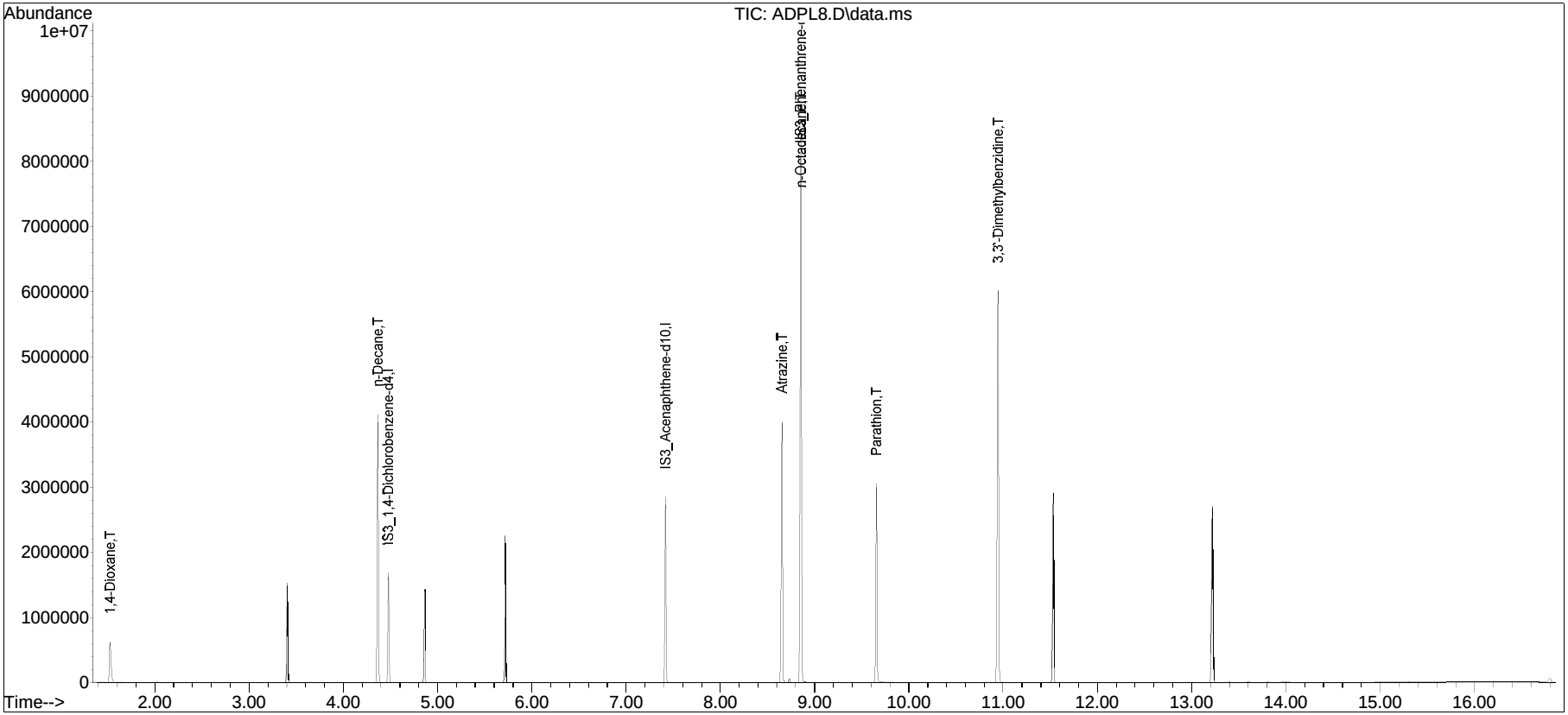
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ADPL8.D
Acq On : 17 Nov 2025 7:17 am
Operator : SV103:mrg
Sample : IL23,32,,ADPL100 Lot# 12115
Misc : WG2143949
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Nov 19 14:22:43 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistal\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: ADPL8.D	Operator	: SV103:mrg
Date Inj'd	: 11/17/2025 7:17 am	Instrument	: SV103
Sample	: IL23,32,,ADPL100 Lot# 1211	Quant Date	: 11/19/2025 2:23 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ADPL7.D
Acq On : 17 Nov 2025 7:38 am
Operator : SV103:mrg
Sample : IL24,32,,ADPL50 Lot# 12116
Misc : WG2143949
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 19 14:22:33 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	4.476	152	226603	40.000	ug/ml	-0.01
Standard Area 1 = 226603			Recovery = 100.00%			
86) IS3_Acenaphthene-d10	7.420	164	514225	40.000	ug/ml	-0.01
Standard Area 1 = 514225			Recovery = 100.00%			
100) IS3_Phenanthrene-d10	8.852	188	1070967	40.000	ug/ml	-0.01
Standard Area 1 = 1070967			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.524	88	130397	48.624	ug/ml#	81
34) n-Decane	4.369	57	384793	49.499	ug/ml	95
87) Atrazine	8.648	200	263061	55.446	ug/ml	97
101) n-Octadecane	8.855	57	552648	51.784	ug/ml	92
102) Parathion	9.656	109	112687	50.290	ug/ml#	95
103) 3,3'-Dimethylbenzidine	10.946	212	1088953	55.121	ug/ml	99

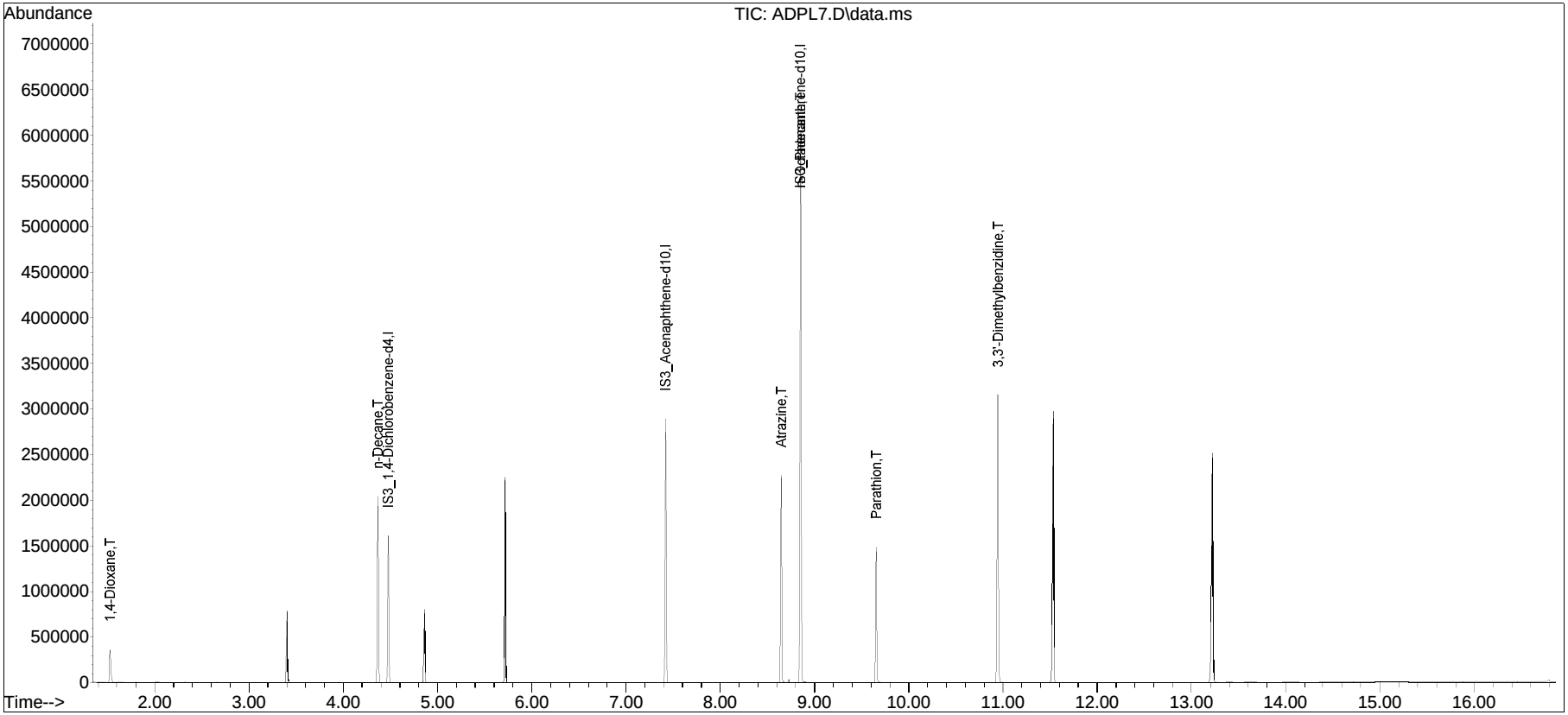
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ADPL7.D
Acq On : 17 Nov 2025 7:38 am
Operator : SV103:mrg
Sample : IL24,32,,ADPL50 Lot# 12116
Misc : WG2143949
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 19 14:22:33 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistal\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: ADPL7.D	Operator	: SV103:mrg
Date Inj'd	: 11/17/2025 7:38 am	Instrument	: SV103
Sample	: IL24,32,,ADPL50 Lot# 12116	Quant Date	: 11/19/2025 2:23 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ADPL6.D
Acq On : 17 Nov 2025 7:59 am
Operator : SV103:mrg
Sample : IL25,32,,ADPL25 Lot# 12117
Misc : WG2143949
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 19 14:22:22 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
32) IS3_1,4-Dichlorobenzen...	4.477	152	245027	40.000 ug/ml	-0.01
Standard Area 1 = 226603			Recovery	= 108.13%	
86) IS3_Acenaphthene-d10	7.420	164	600163	40.000 ug/ml	-0.01
Standard Area 1 = 514225			Recovery	= 116.71%	
100) IS3_Phenanthrene-d10	8.852	188	1242383	40.000 ug/ml	-0.01
Standard Area 1 = 1070967			Recovery	= 116.01%	
System Monitoring Compounds					
Target Compounds					Qvalue
33) 1,4-Dioxane	1.530	88	74998	25.863 ug/ml#	81
34) n-Decane	4.369	57	220825	26.270 ug/ml	95
87) Atrazine	8.645	200	158075	28.547 ug/ml	96
101) n-Octadecane	8.855	57	340279	27.486 ug/ml	92
102) Parathion	9.654	109	63946	24.600 ug/ml	94
103) 3,3'-Dimethylbenzidine	10.944	212	643141	28.063 ug/ml	99

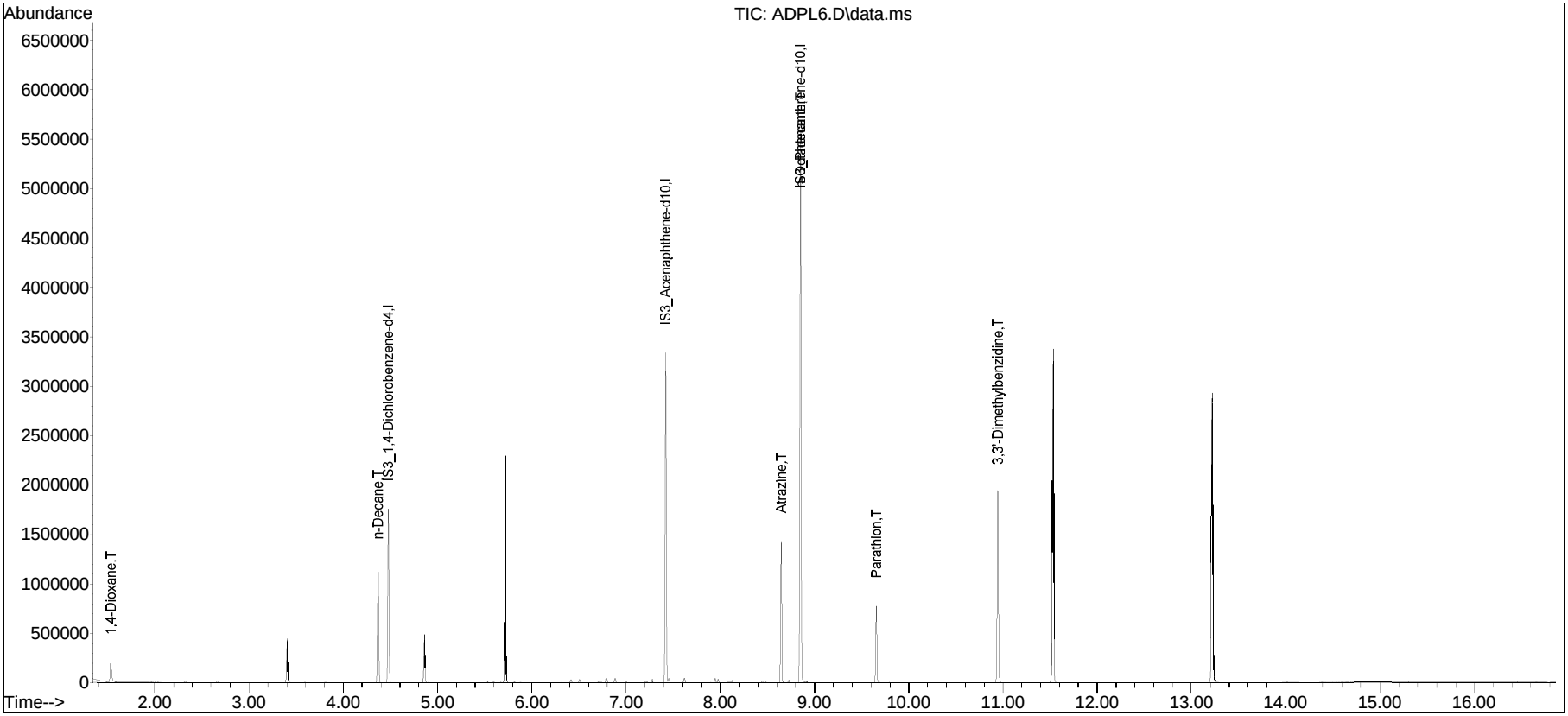
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ADPL6.D
Acq On : 17 Nov 2025 7:59 am
Operator : SV103:mrg
Sample : IL25,32,,ADPL25 Lot# 12117
Misc : WG2143949
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 19 14:22:22 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistal\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: ADPL6.D	Operator	: SV103:mrg
Date Inj'd	: 11/17/2025 7:59 am	Instrument	: SV103
Sample	: IL25,32,,ADPL25 Lot# 12117	Quant Date	: 11/19/2025 2:22 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ADPL5.D
Acq On : 17 Nov 2025 8:21 am
Operator : SV103:mrg
Sample : IL26,32,,ADPL10 Lot# 12118
Misc : WG2143949
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Nov 19 14:22:09 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	4.477	152	233095	40.000	ug/ml	-0.01
Standard Area 1 = 226603			Recovery = 102.86%			
86) IS3_Acenaphthene-d10	7.420	164	493448	40.000	ug/ml	-0.01
Standard Area 1 = 514225			Recovery = 95.96%			
100) IS3_Phenanthrene-d10	8.852	188	1011958	40.000	ug/ml	-0.01
Standard Area 1 = 1070967			Recovery = 94.49%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.530	88	27482	9.962	ug/ml#	83
34) n-Decane	4.369	57	77998	9.754	ug/ml	96
87) Atrazine	8.645	200	43757	9.611	ug/ml	96
101) n-Octadecane	8.855	57	98619	9.780	ug/ml	92
102) Parathion	9.654	109	14610	6.900	ug/ml	95
103) 3,3'-Dimethylbenzidine	10.941	212	170470	9.132	ug/ml	98

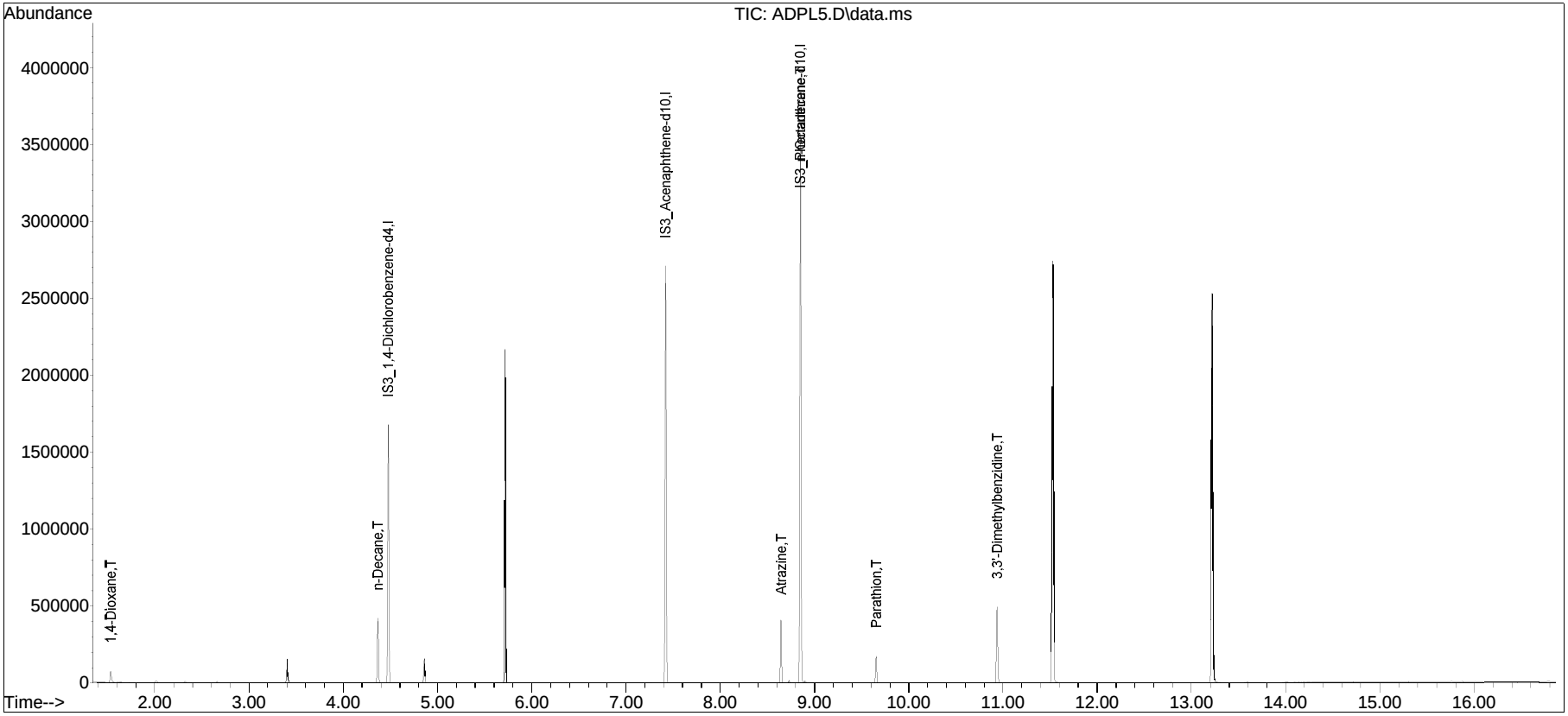
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ADPL5.D
Acq On : 17 Nov 2025 8:21 am
Operator : SV103:mrg
Sample : IL26,32,,ADPL10 Lot# 12118
Misc : WG2143949
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Nov 19 14:22:09 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistal\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: ADPL5.D	Operator	: SV103:mrg
Date Inj'd	: 11/17/2025 8:21 am	Instrument	: SV103
Sample	: IL26,32,,ADPL10 Lot# 12118	Quant Date	: 11/19/2025 2:22 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ADPL4.D
Acq On : 17 Nov 2025 8:42 am
Operator : SV103:mrg
Sample : IL27,32,,ADPL5 Lot# 12119
Misc : WG2143949
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 19 14:21:59 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	4.477	152	217050	40.000	ug/ml	-0.01
Standard Area 1 = 226603			Recovery =	95.78%		
86) IS3_Acenaphthene-d10	7.420	164	462325	40.000	ug/ml	-0.01
Standard Area 1 = 514225			Recovery =	89.91%		
100) IS3_Phenanthrene-d10	8.852	188	951933	40.000	ug/ml	-0.01
Standard Area 1 = 1070967			Recovery =	88.89%		
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.530	88	13234	5.152	ug/ml#	83
34) n-Decane	4.369	57	37974	5.100	ug/ml	96
87) Atrazine	8.642	200	20141	4.722	ug/ml	96
101) n-Octadecane	8.855	57	47725	5.031	ug/ml	94
102) Parathion	9.654	109	6153	3.089	ug/ml	97
103) 3,3'-Dimethylbenzidine	10.941	212	72163	4.109	ug/ml	97

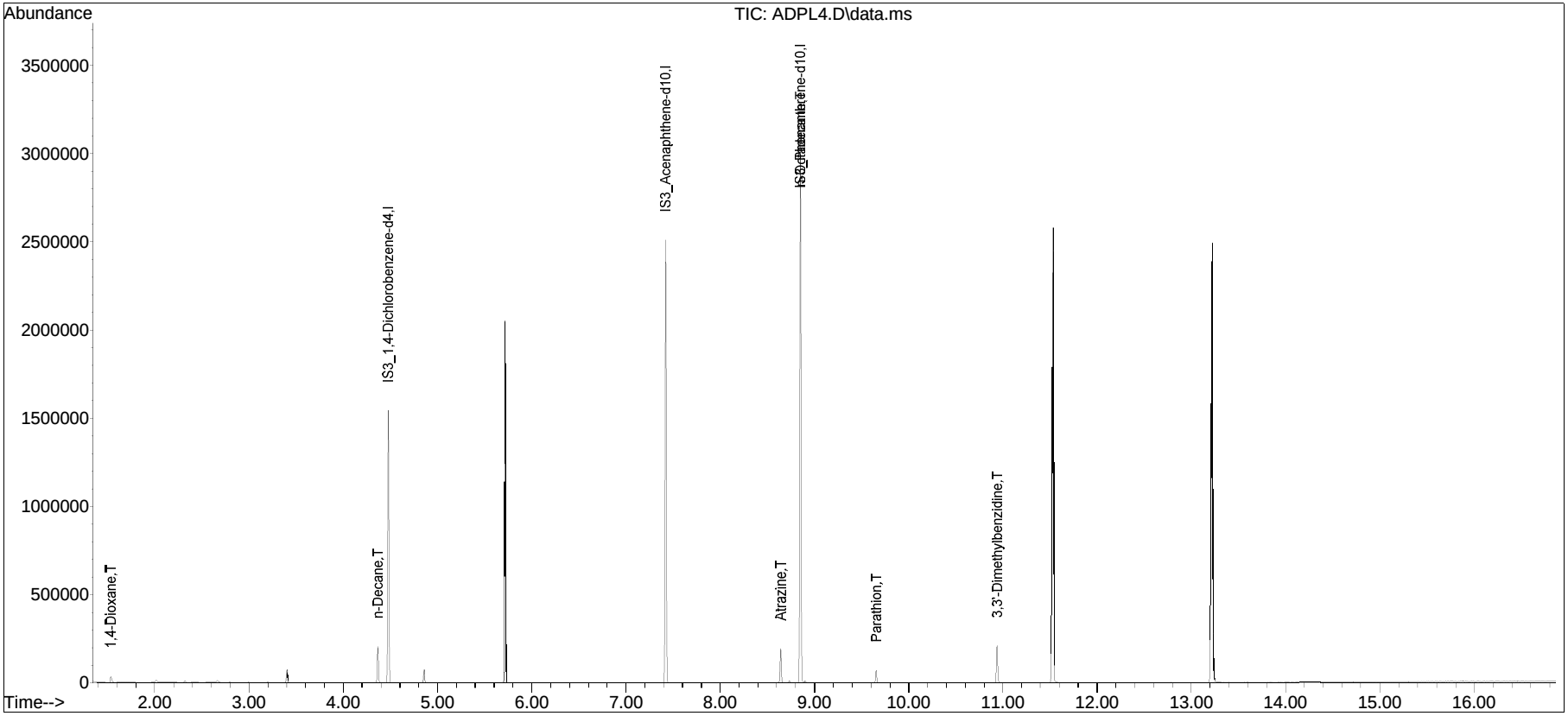
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ADPL4.D
Acq On : 17 Nov 2025 8:42 am
Operator : SV103:mrg
Sample : IL27,32,,ADPL5 Lot# 12119
Misc : WG2143949
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 19 14:21:59 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistal\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: ADPL4.D	Operator	: SV103:mrg
Date Inj'd	: 11/17/2025 8:42 am	Instrument	: SV103
Sample	: IL27,32,,ADPL5 Lot# 12119	Quant Date	: 11/19/2025 2:22 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ADPL3.D
Acq On : 17 Nov 2025 9:03 am
Operator : SV103:mrg
Sample : IL28,32,,ADPL3 Lot# 12120
Misc : WG2143949
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Nov 19 14:21:41 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	4.477	152	222027	40.000	ug/ml	-0.01
Standard Area 1 = 226603			Recovery =	97.98%		
86) IS3_Acenaphthene-d10	7.420	164	483776	40.000	ug/ml	-0.01
Standard Area 1 = 514225			Recovery =	94.08%		
100) IS3_Phenanthrene-d10	8.852	188	997227	40.000	ug/ml	-0.01
Standard Area 1 = 1070967			Recovery =	93.11%		
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.533	88	8262	3.144	ug/ml#	85
34) n-Decane	4.369	57	22837	2.998	ug/ml	94
87) Atrazine	8.642	200	11934	2.674	ug/ml	96
101) n-Octadecane	8.852	57	28543	2.872	ug/ml	94
102) Parathion	9.651	109	3792	1.817	ug/ml#	93
103) 3,3'-Dimethylbenzidine	10.938	212	39892	2.169	ug/ml	97

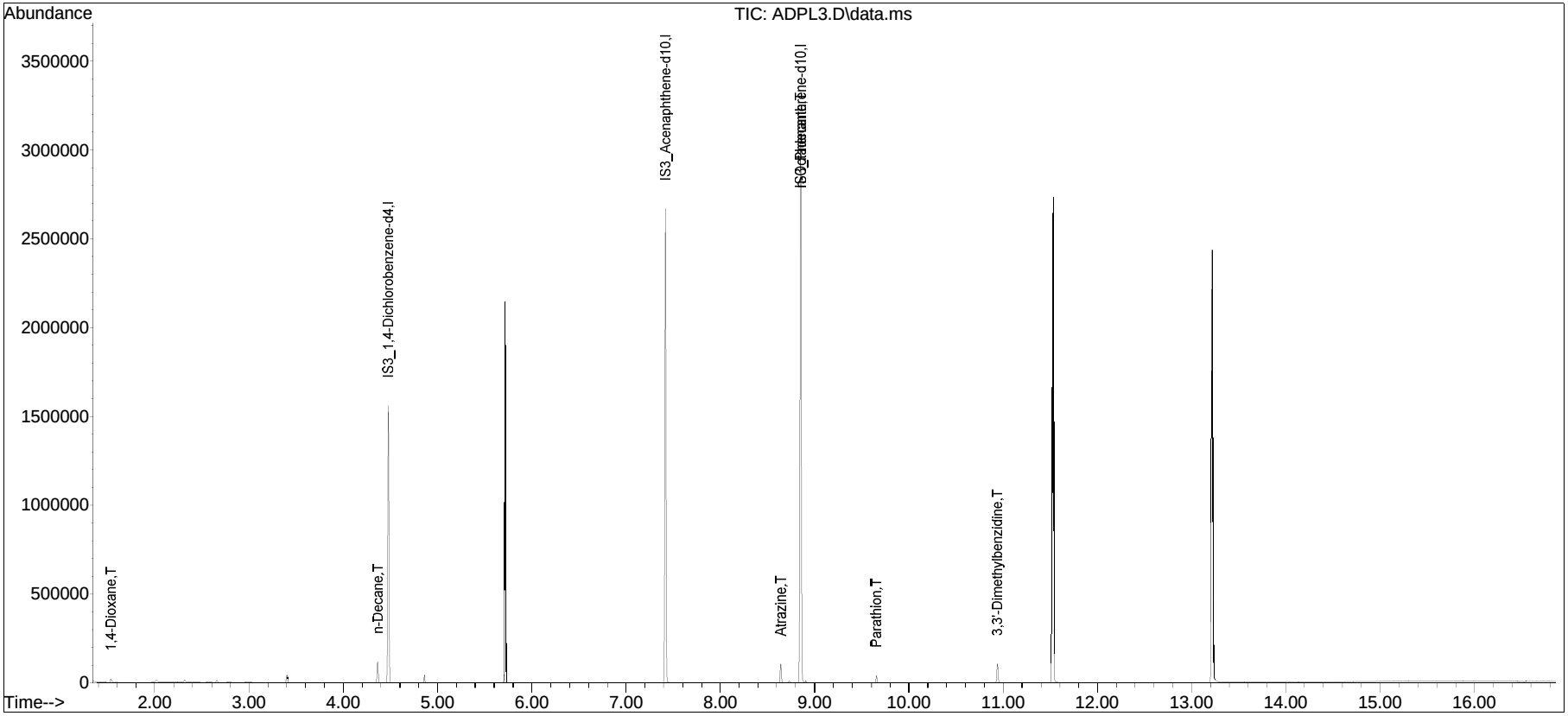
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ADPL3.D
Acq On : 17 Nov 2025 9:03 am
Operator : SV103:mrg
Sample : IL28,32,,ADPL3 Lot# 12120
Misc : WG2143949
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Nov 19 14:21:41 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistal\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: ADPL3.D	Operator	: SV103:mrg
Date Inj'd	: 11/17/2025 9:03 am	Instrument	: SV103
Sample	: IL28,32,,ADPL3 Lot# 12120	Quant Date	: 11/19/2025 2:22 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ADPL2.D
Acq On : 17 Nov 2025 9:25 am
Operator : SV103:mrg
Sample : IL29,32,,ADPL2 Lot# 12121
Misc : WG2143949
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Nov 19 14:21:30 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	4.477	152	220770	40.000	ug/ml	-0.01
Standard Area 1 = 226603			Recovery =	97.43%		
86) IS3_Acenaphthene-d10	7.420	164	480385	40.000	ug/ml	-0.01
Standard Area 1 = 514225			Recovery =	93.42%		
100) IS3_Phenanthrene-d10	8.852	188	986145	40.000	ug/ml	-0.01
Standard Area 1 = 1070967			Recovery =	92.08%		
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.533	88	5763	2.206	ug/ml	89
34) n-Decane	4.369	57	15599	2.060	ug/ml	96
87) Atrazine	8.642	200	7146	1.612	ug/ml	93
101) n-Octadecane	8.855	57	18220	1.854	ug/ml	93
102) Parathion	9.654	109	2407	1.167	ug/ml	88
103) 3,3'-Dimethylbenzidine	10.938	212	22696	1.248	ug/ml	98

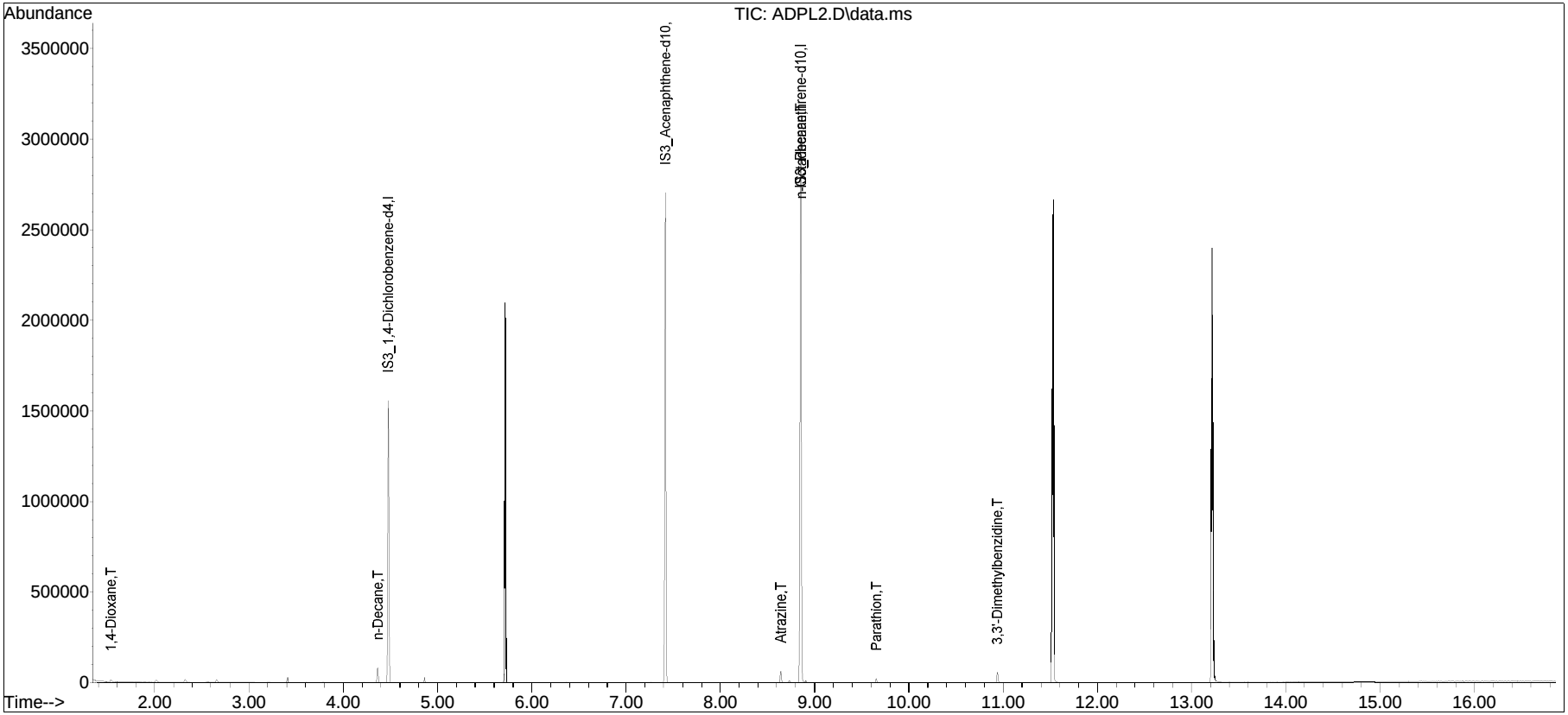
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ADPL2.D
Acq On : 17 Nov 2025 9:25 am
Operator : SV103:mrg
Sample : IL29,32,,ADPL2 Lot# 12121
Misc : WG2143949
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Nov 19 14:21:30 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistal\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: ADPL2.D	Operator	: SV103:mrg
Date Inj'd	: 11/17/2025 9:25 am	Instrument	: SV103
Sample	: IL29,32,,ADPL2 Lot# 12121	Quant Date	: 11/19/2025 2:22 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ADPL1.D
Acq On : 17 Nov 2025 9:46 am
Operator : SV103:mrg
Sample : IL30,32,,ADPL0.5 Lot# 12122
Misc : WG2143949
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 19 14:21:09 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	4.477	152	220305	40.000	ug/ml	-0.01
Standard Area 1 = 226603			Recovery =	97.22%		
86) IS3_Acenaphthene-d10	7.420	164	481997	40.000	ug/ml	-0.01
Standard Area 1 = 514225			Recovery =	93.73%		
100) IS3_Phenanthrene-d10	8.852	188	982535	40.000	ug/ml	-0.01
Standard Area 1 = 1070967			Recovery =	91.74%		
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.536	88	1193	0.458	ug/ml#	70
34) n-Decane	4.369	57	3860	0.511	ug/ml	91
87) Atrazine	8.642	200	1863	0.419	ug/ml	95
101) n-Octadecane	8.855	57	5345	0.546	ug/ml	95
102) Parathion	9.654	109	605	0.294	ug/ml#	84
103) 3,3'-Dimethylbenzidine	10.941	212	4928	0.272	ug/ml	98

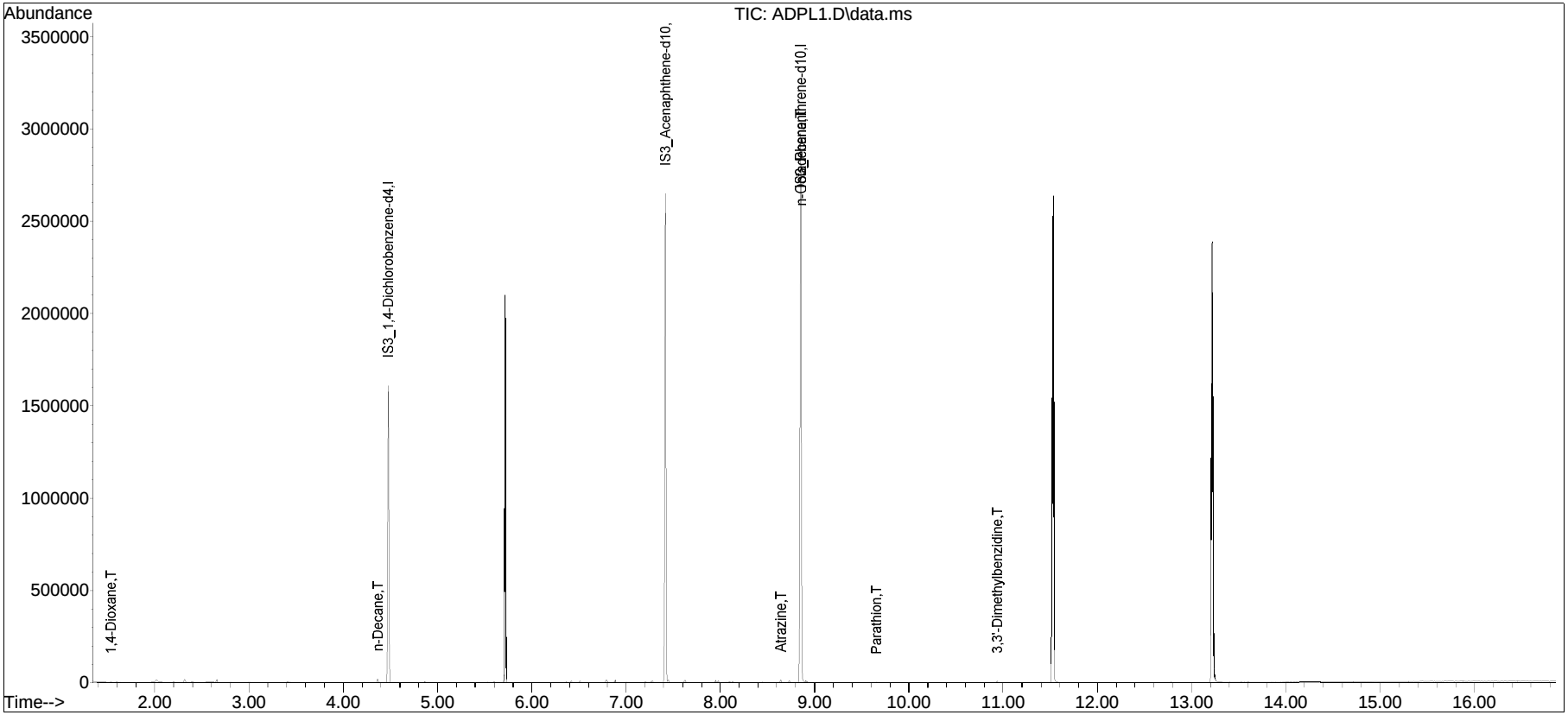
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ADPL1.D
Acq On : 17 Nov 2025 9:46 am
Operator : SV103:mrg
Sample : IL30,32,,ADPL0.5 Lot# 12122
Misc : WG2143949
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Nov 19 14:21:09 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistal\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: ADPL1.D	Operator	: SV103:mrg
Date Inj'd	: 11/17/2025 9:46 am	Instrument	: SV103
Sample	: IL30,32,,ADPL0.5 Lot# 1212	Quant Date	: 11/19/2025 2:21 pm

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV103\251116ical\
Data File : ADPICV.D
Acq On : 17 Nov 2025 10:07 am
Operator : SV103:mrg
Sample : CQICV3,32,,ADPICV Lot# 12056
Misc : WG2143949
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 19 15:18:28 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 15:17:01 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
32	I	IS3_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	-0.01
33	T	1,4-Dioxane	0.473	0.472	0.2	99	-0.02
34	T	n-Decane	1.372	1.396	-1.7	99	-0.01
86	I	IS3_Acenaphthene-d10	1.000	1.000	0.0	92	-0.01
87	T	Atrazine	0.369	0.420	-13.8	95	-0.01
100	I	IS3_Phenanthrene-d10	1.000	1.000	0.0	91	-0.01
101	T	n-Octadecane	0.399	0.441	-10.5	97	-0.01
102	T	Parathion	* 50.000	40.987	18.0	84	-0.01
103	T	3,3'-Dimethylbenzidine	0.738	0.834	-13.0	93	-0.02

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ADPICV.D
Acq On : 17 Nov 2025 10:07 am
Operator : SV103:mrg
Sample : CQICV3,32,,ADPICV Lot# 12056
Misc : WG2143949
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 19 15:18:28 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 15:17:01 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	4.477	152	218783	40.000	ug/ml	-0.01
Standard Area 1 = 226603			Recovery =	96.55%		
86) IS3_Acenaphthene-d10	7.420	164	475656	40.000	ug/ml	-0.01
Standard Area 1 = 514225			Recovery =	92.50%		
100) IS3_Phenanthrene-d10	8.853	188	970088	40.000	ug/ml	-0.01
Standard Area 1 = 1070967			Recovery =	90.58%		
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.524	88	129160	49.884	ug/ml#	81
34) n-Decane	4.369	57	381694	50.855	ug/ml	95
87) Atrazine	8.648	200	249433	56.836	ug/ml	96
101) n-Octadecane	8.855	57	535092	55.353	ug/ml	92
102) Parathion	9.657	109	95040	40.987	ug/ml#	94
103) 3,3'-Dimethylbenzidine	10.944	212	1011695	56.535	ug/ml	99

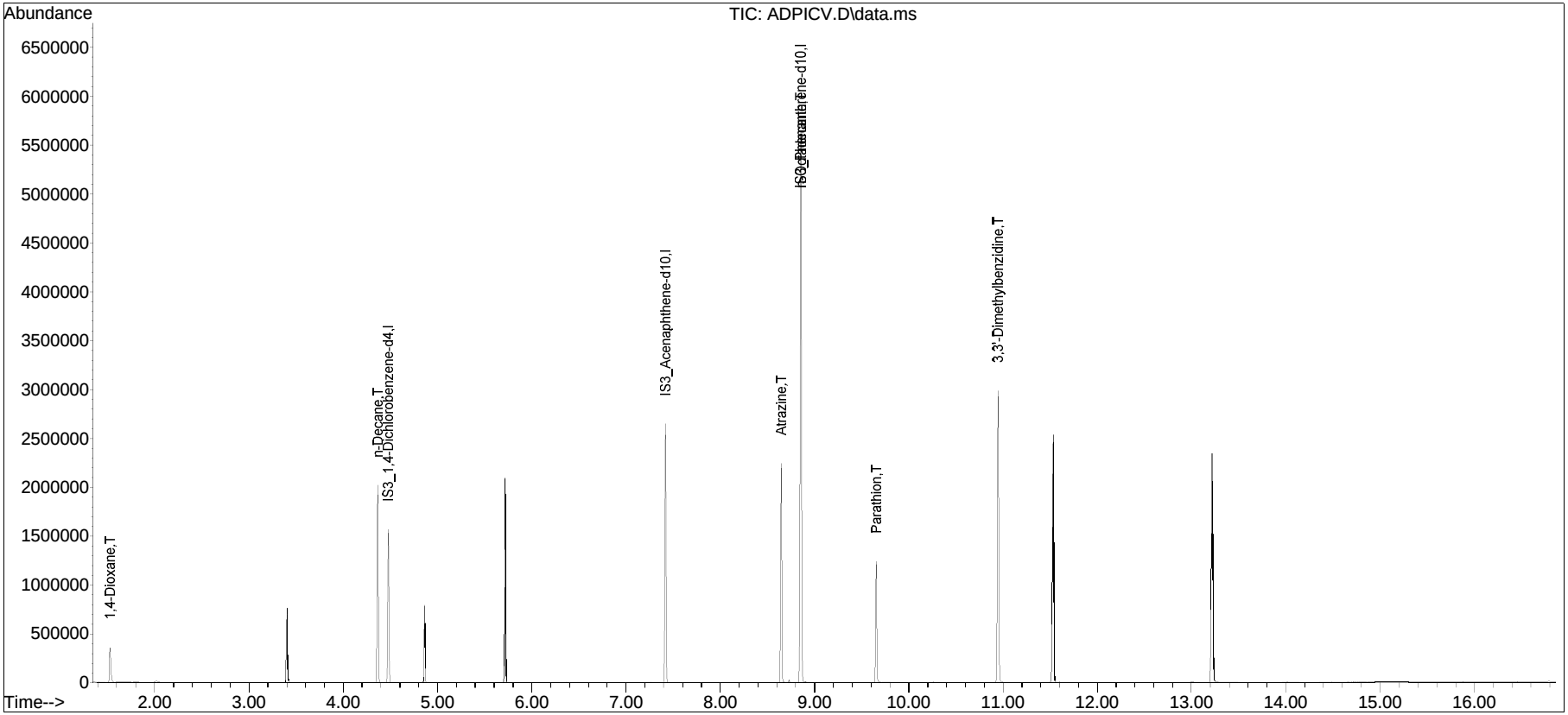
(#) = qualifier out of range (m) = manual integration (+) = signals summed

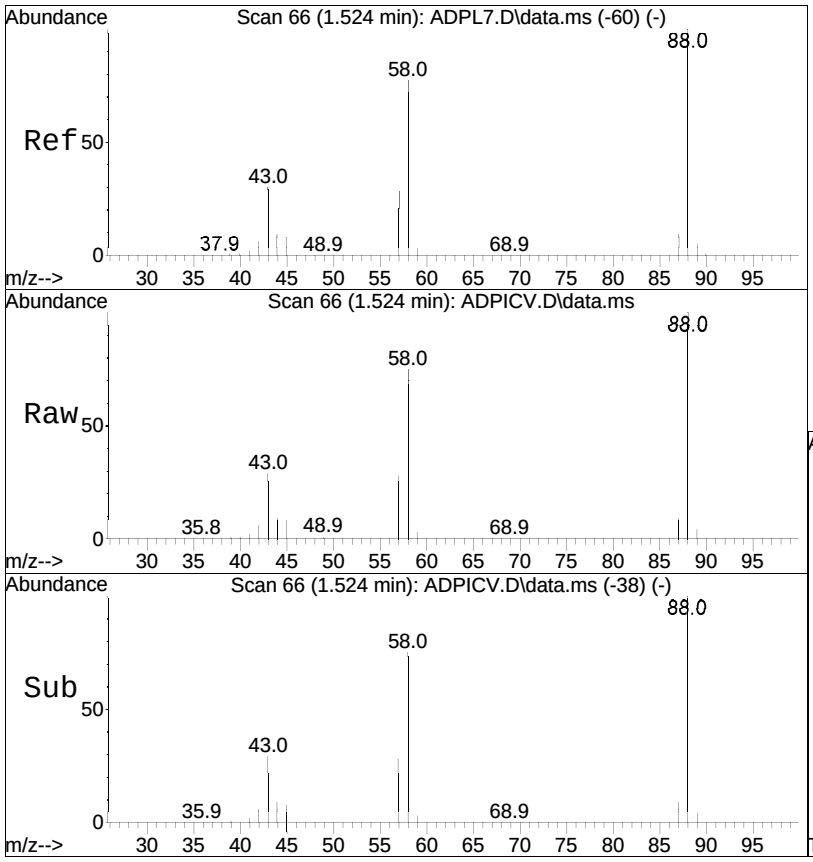
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ADPICV.D
Acq On : 17 Nov 2025 10:07 am
Operator : SV103:mrg
Sample : CQICV3,32,,ADPICV Lot# 12056
Misc : WG2143949
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Nov 19 15:18:28 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 15:17:01 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistal\ADPL7.D•

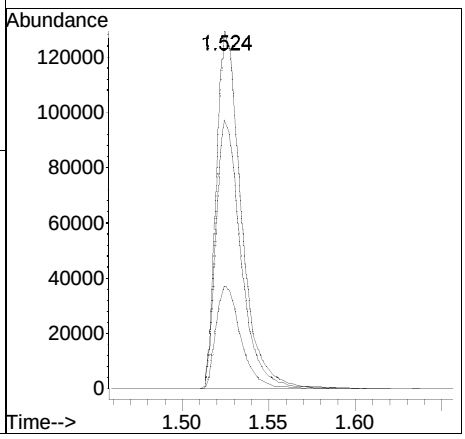


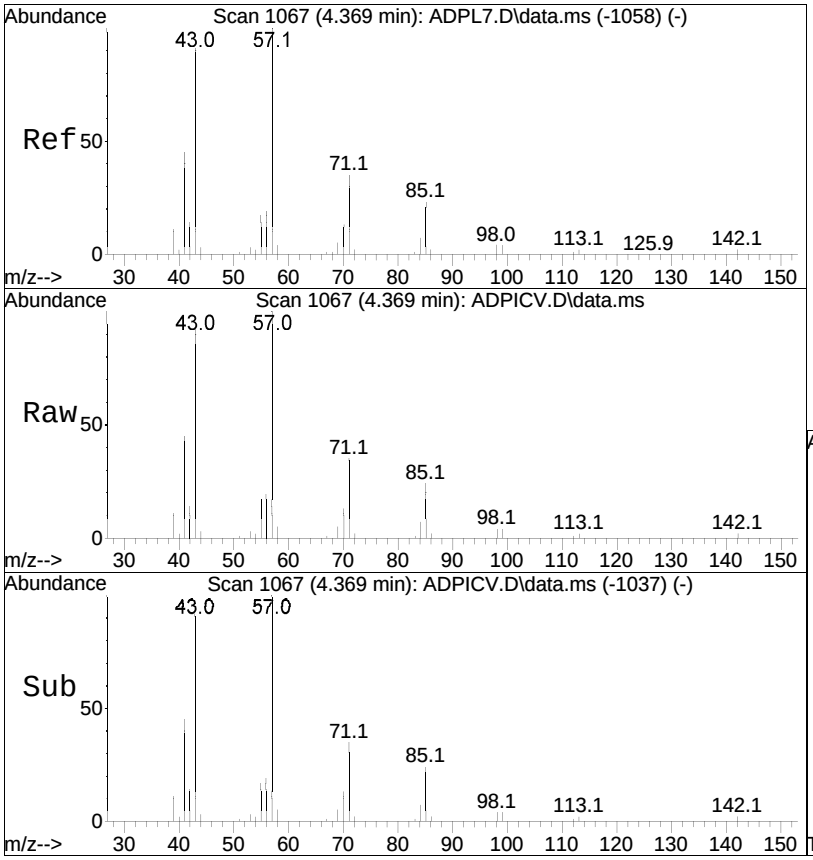


#33
1,4-Dioxane
Concen: 49.88 ug/ml
RT: 1.524 min Scan# 66
Delta R.T. -0.020 min
Lab File: ADPICV.D
Acq: 17 Nov 2025 10:07 am

Tgt Ion: 88 Resp: 129160

Ion	Ratio	Lower	Upper
88	100		
58	75.5	44.8	67.2#
43	29.2	22.4	33.6

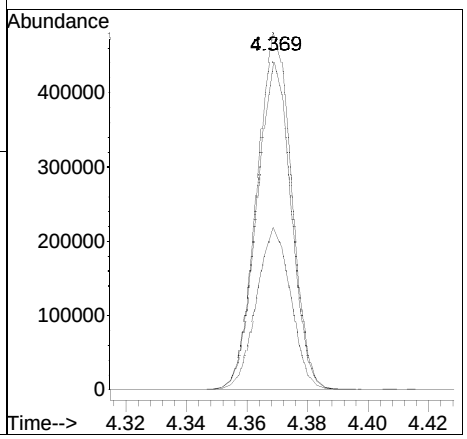


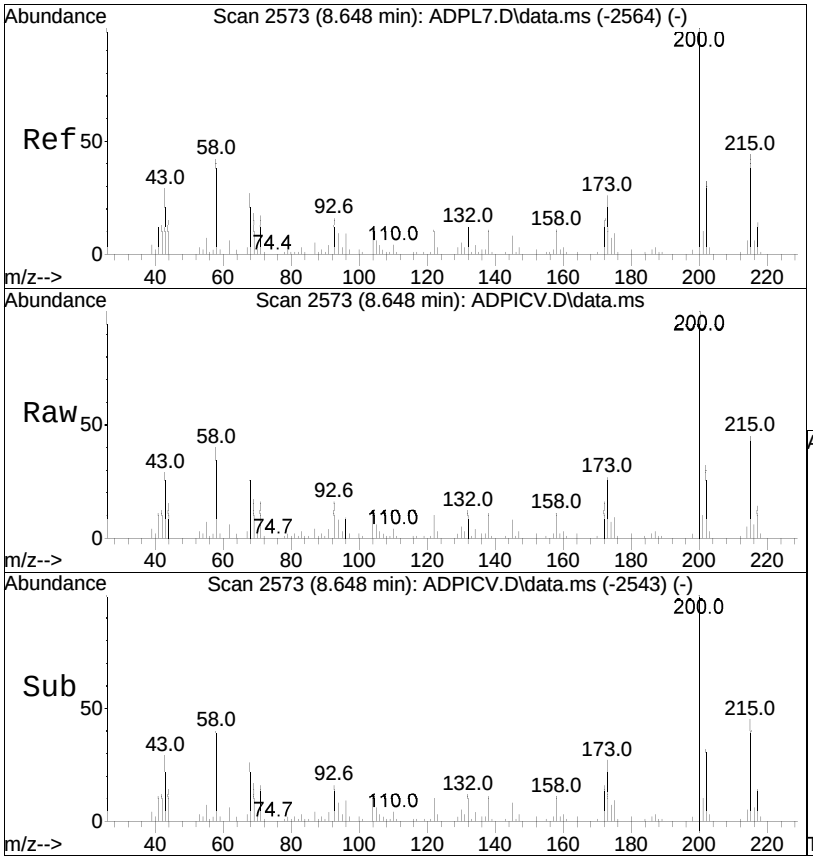


#34
n-Decane
Concen: 50.86 ug/ml
RT: 4.369 min Scan# 1067
Delta R.T. -0.014 min
Lab File: ADPICV.D
Acq: 17 Nov 2025 10:07 am

Tgt Ion: 57 Resp: 381694

Ion	Ratio	Lower	Upper
57	100		
43	90.4	77.9	116.9
41	45.0	36.9	55.3

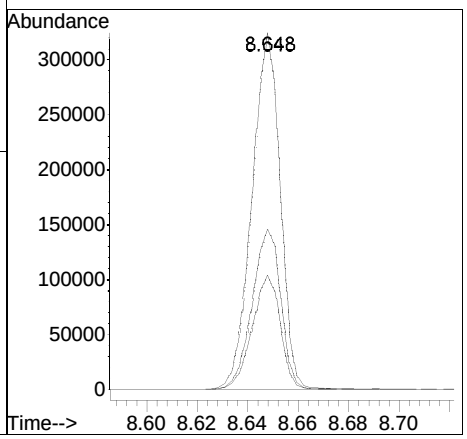


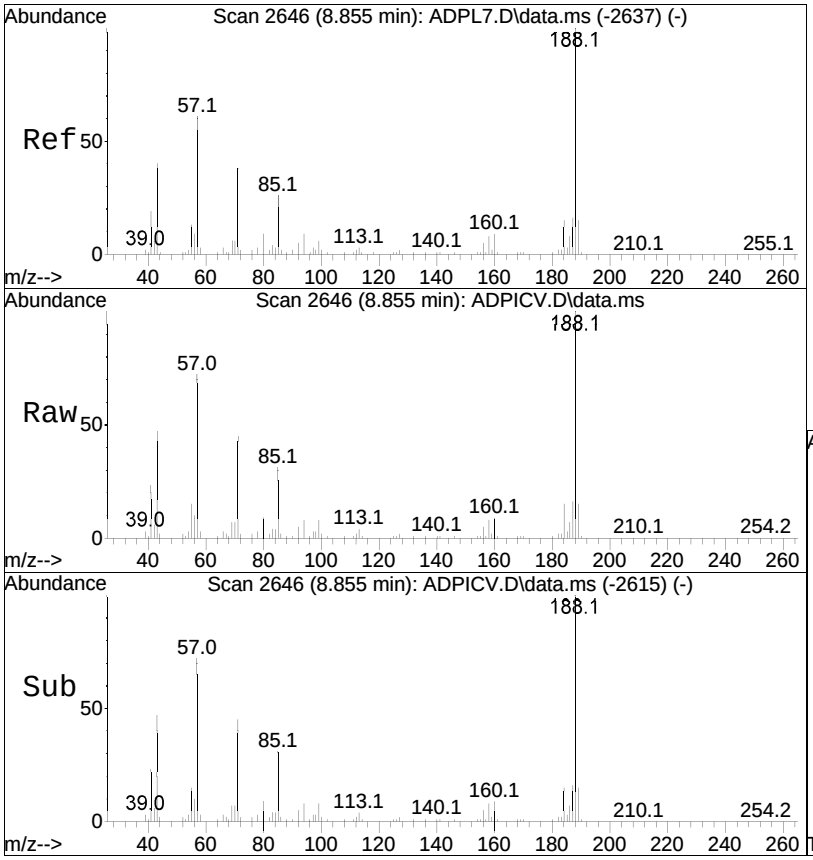


#87
Atrazine
Concen: 56.84 ug/ml
RT: 8.648 min Scan# 2573
Delta R.T. -0.014 min
Lab File: ADPICV.D
Acq: 17 Nov 2025 10:07 am

Tgt Ion:200 Resp: 249433

Ion	Ratio	Lower	Upper
200	100		
202	32.1	24.9	37.3
215	45.6	34.0	51.0

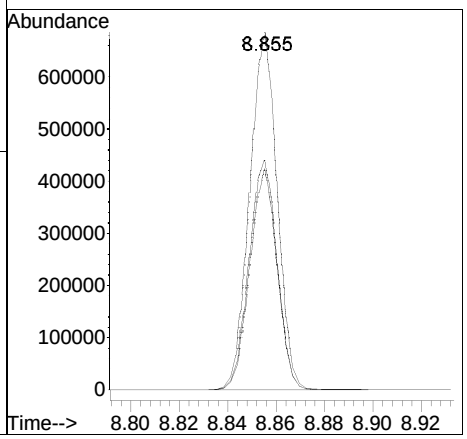


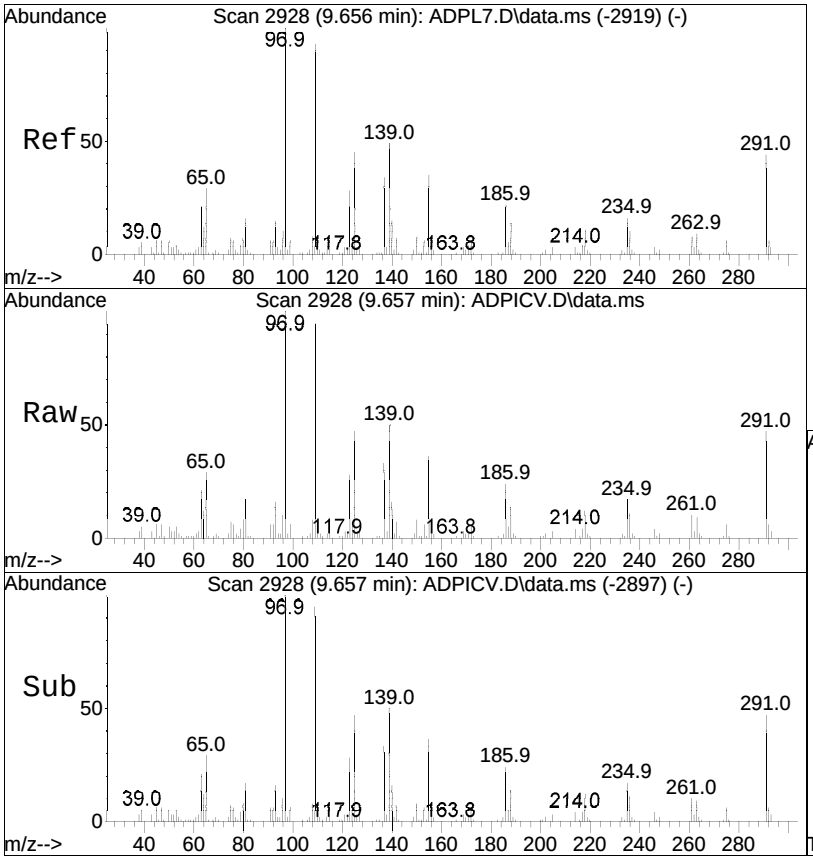


#101
n-Octadecane
Concen: 55.35 ug/ml
RT: 8.855 min Scan# 2646
Delta R.T. -0.012 min
Lab File: ADPICV.D
Acq: 17 Nov 2025 10:07 am

Tgt Ion: 57 Resp: 535092

Ion	Ratio	Lower	Upper
57	100		
43	65.6	56.7	85.1
71	61.3	42.8	64.2

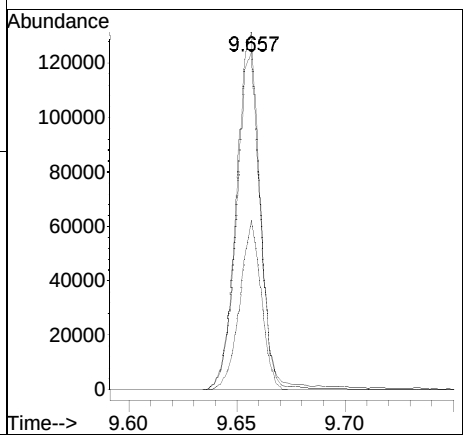


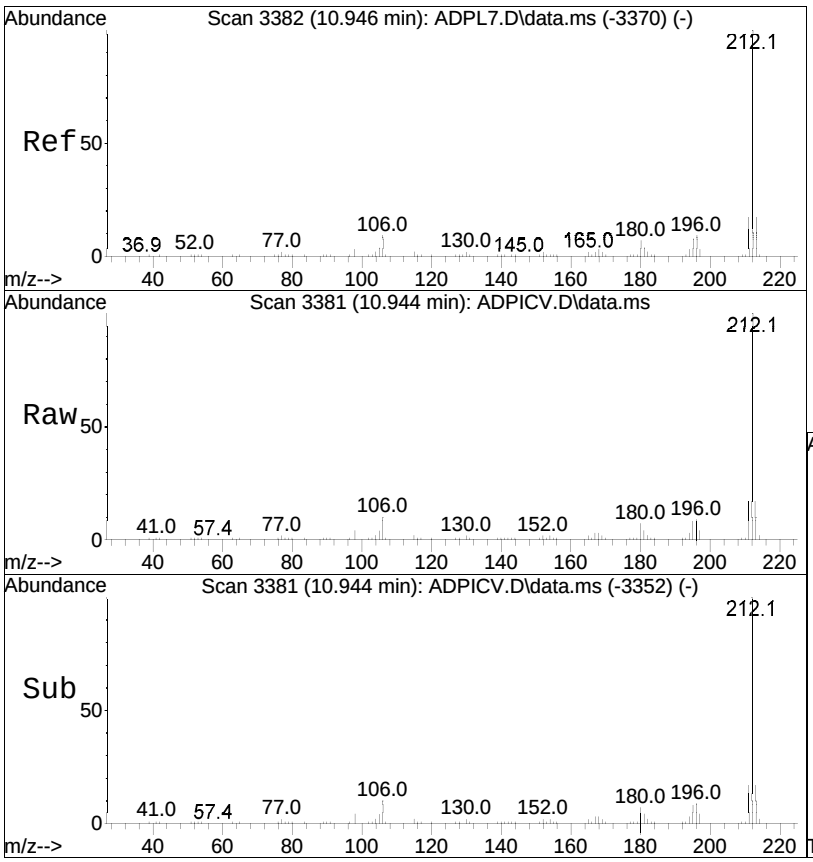


#102
Parathion
Concen: 40.99 ug/ml
RT: 9.657 min Scan# 2928
Delta R.T. -0.011 min
Lab File: ADPICV.D
Acq: 17 Nov 2025 10:07 am

Tgt Ion:109 Resp: 95040

Ion	Ratio	Lower	Upper
109	100		
97	103.2	85.8	128.8
291	44.9	29.8	44.8#

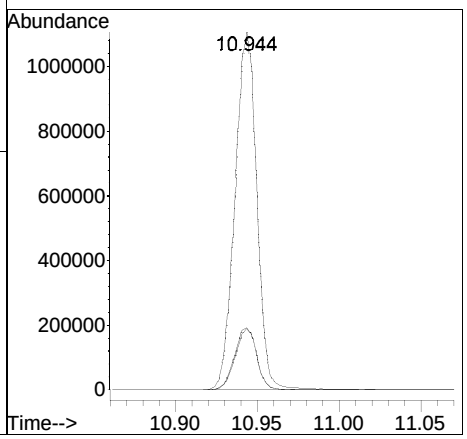




#103
3,3'-Dimethylbenzidine
Concen: 56.54 ug/ml
RT: 10.944 min Scan# 3381
Delta R.T. -0.017 min
Lab File: ADPICV.D
Acq: 17 Nov 2025 10:07 am

Tgt Ion:212 Resp: 1011695

Ion	Ratio	Lower	Upper
212	100		
211	17.0	13.5	20.3
213	17.8	13.4	20.0



Manual Integration Report

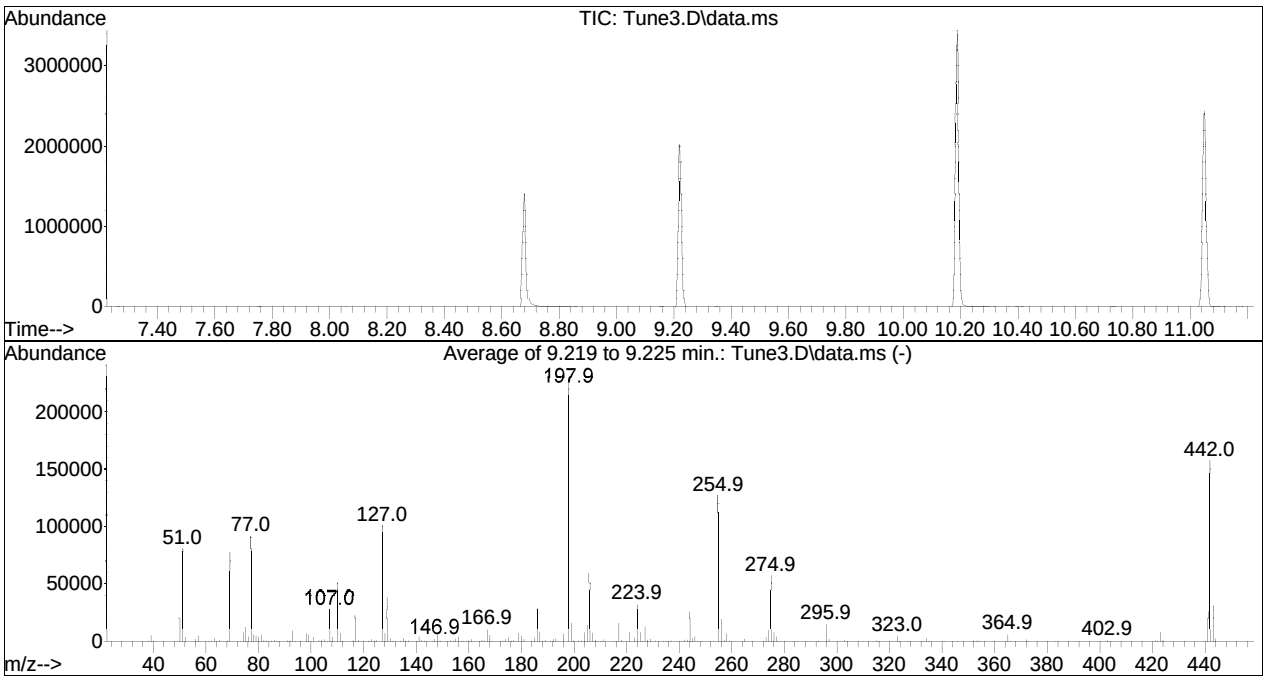
Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: ADPICV.D	Operator	: SV103:mrg
Date Inj'd	: 11/17/2025 10:07 am	Instrument	: SV103
Sample	: CQICV3,32,,ADPICV Lot# 120	Quant Date	: 11/19/2025 3:19 pm

There are no manual integrations or false positives in this file.

Data Path : I:\8270\SV103\251116ical\
Data File : Tune3.D
Acq On : 18 Nov 2025 7:19 pm
Operator : SV103:mrg
Sample : Tune3 Lot#12051
Misc : WG2143949
ALS Vial : 141 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\SV103\251116ical\FS251116SV103.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Nov 19 15:17:01 2025



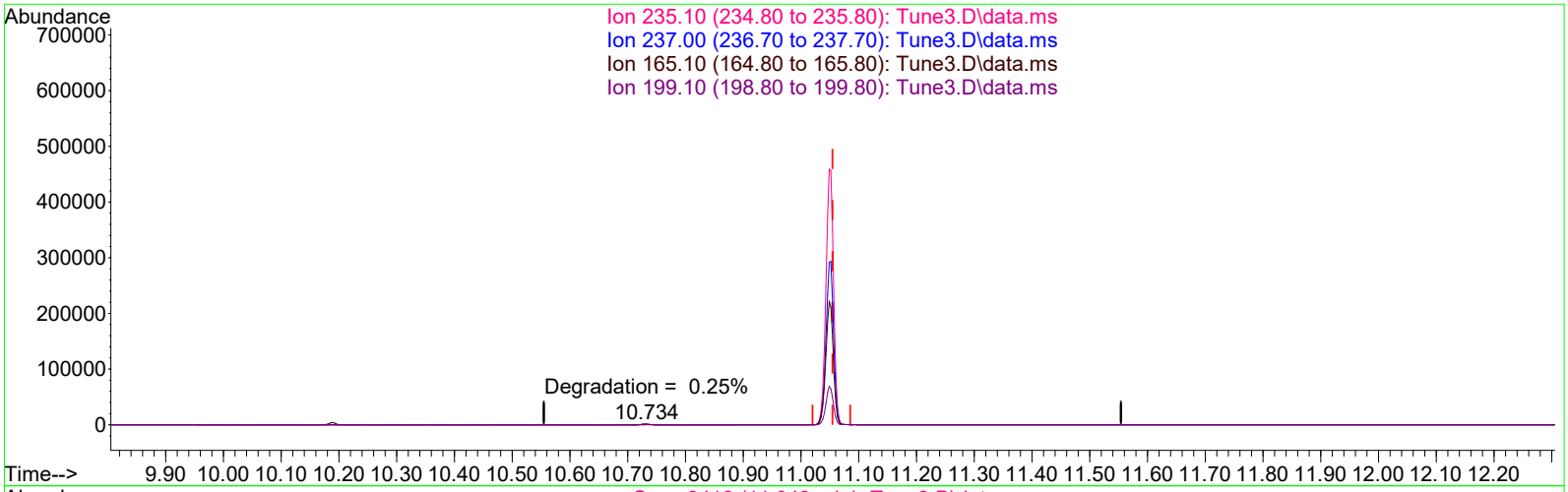
Spectrum Information: Average of 9.219 to 9.225 min.

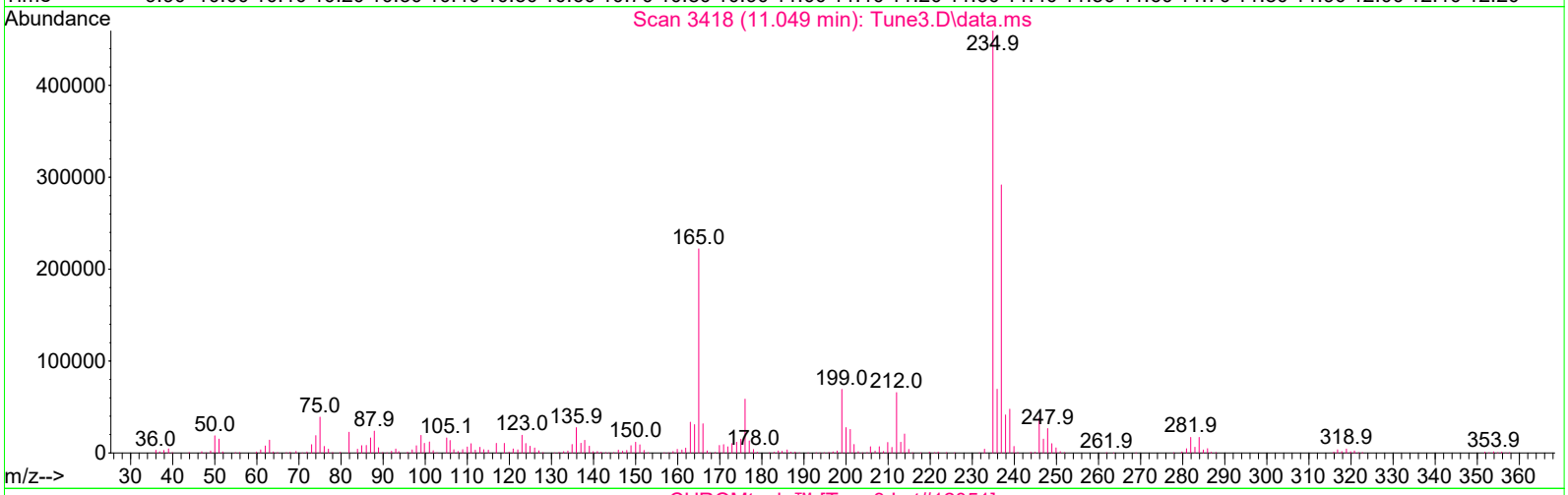
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	35.0	80429	PASS
68	69	0.00	2	1.8	1369	PASS
69	69	0.20	100	100.0	77277	PASS
70	69	0.00	2	0.5	387	PASS
127	198	10	80	43.8	100515	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	229739	PASS
199	198	5	9	6.9	15893	PASS
275	198	10	60	24.9	57173	PASS
365	198	1	100	2.7	6173	PASS
441	442	0.01	24	16.3	25701	PASS
442	198	50	100	68.6	157600	PASS
443	442	15	24	19.8	31213	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\SV103\251116ical\
Data File : Tune3.D
Acq On : 18 Nov 2025 7:19 pm
Operator : SV103:mrg
Sample : Tune3 Lot#12051
Misc : WG2143949
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Nov 18 19:44:01 2025
Quant Method : I:\8270\SV103\251116ical\DftppSV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 07 09:14:14 2017
Response via : Initial Calibration





CHROMtools™ [Tune3 Lot#12051]

(6) DDT (T)

11.049min (-0.006) 0.00

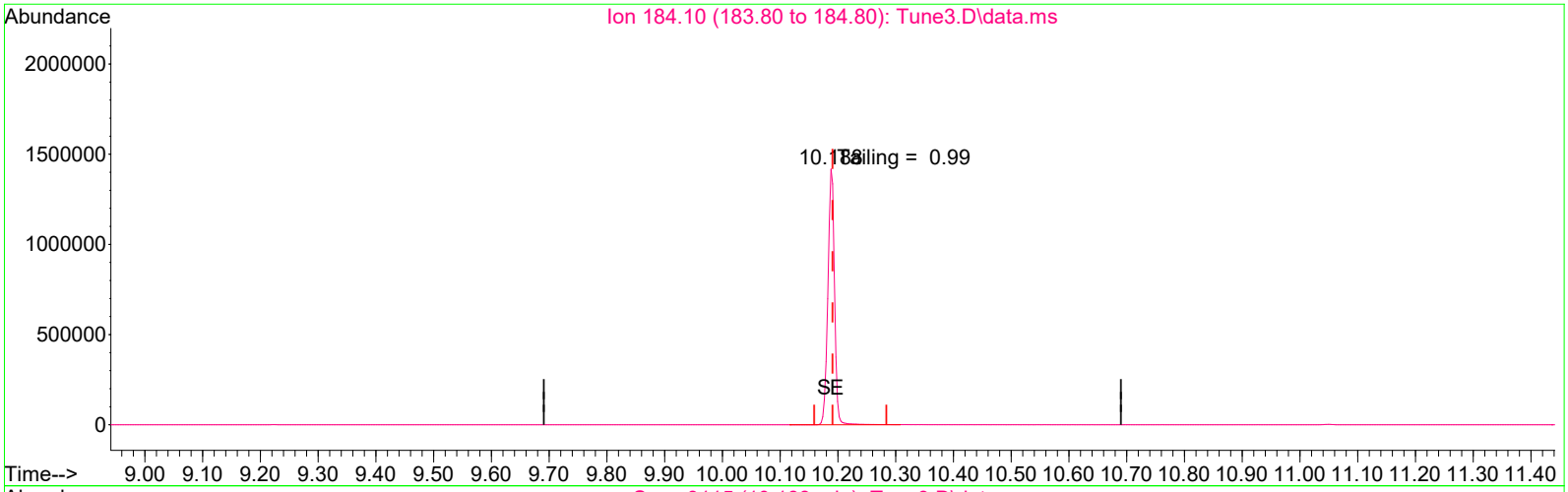
response 420635

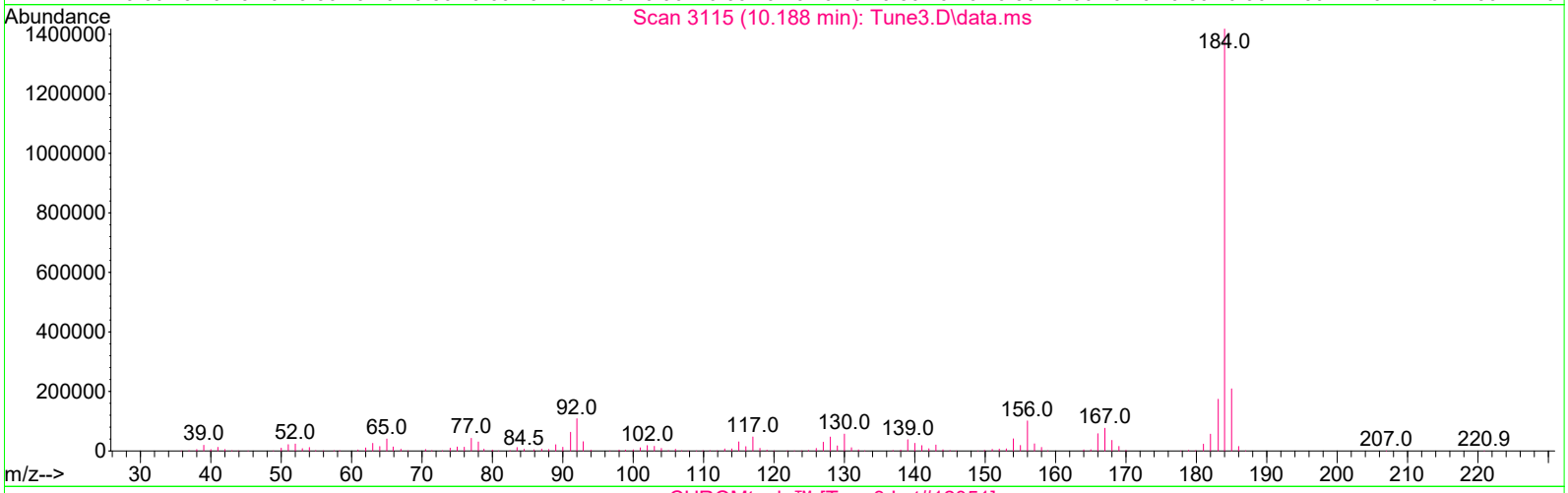
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	64.60	63.33
165.10	44.20	47.50
199.10	14.00	14.67

Quantitation Report (Qedit)

Data Path : I:\8270\SV103\251116ical\
Data File : Tune3.D
Acq On : 18 Nov 2025 7:19 pm
Operator : SV103:mrg
Sample : Tune3 Lot#12051
Misc : WG2143949
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Nov 18 19:44:01 2025
Quant Method : I:\8270\SV103\251116ical\DftppSV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 07 09:14:14 2017
Response via : Initial Calibration





CHROMtools™ [Tune3 Lot#12051]

(3) Benzidine (T)

10.188min (-0.003) 0.00

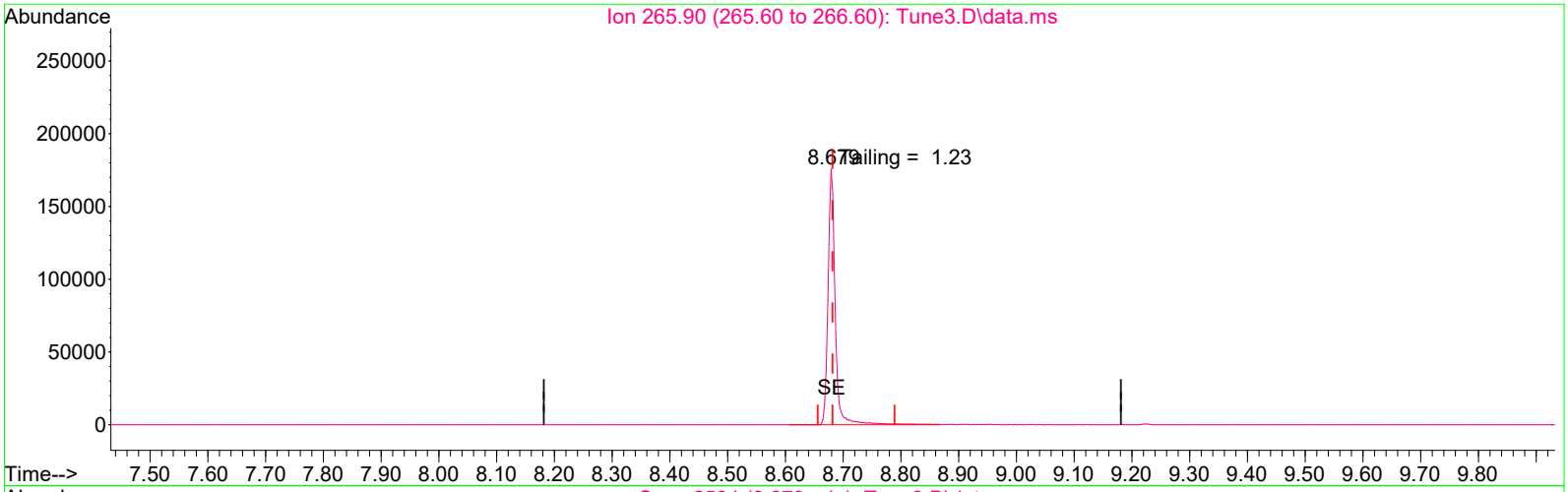
response 1129728

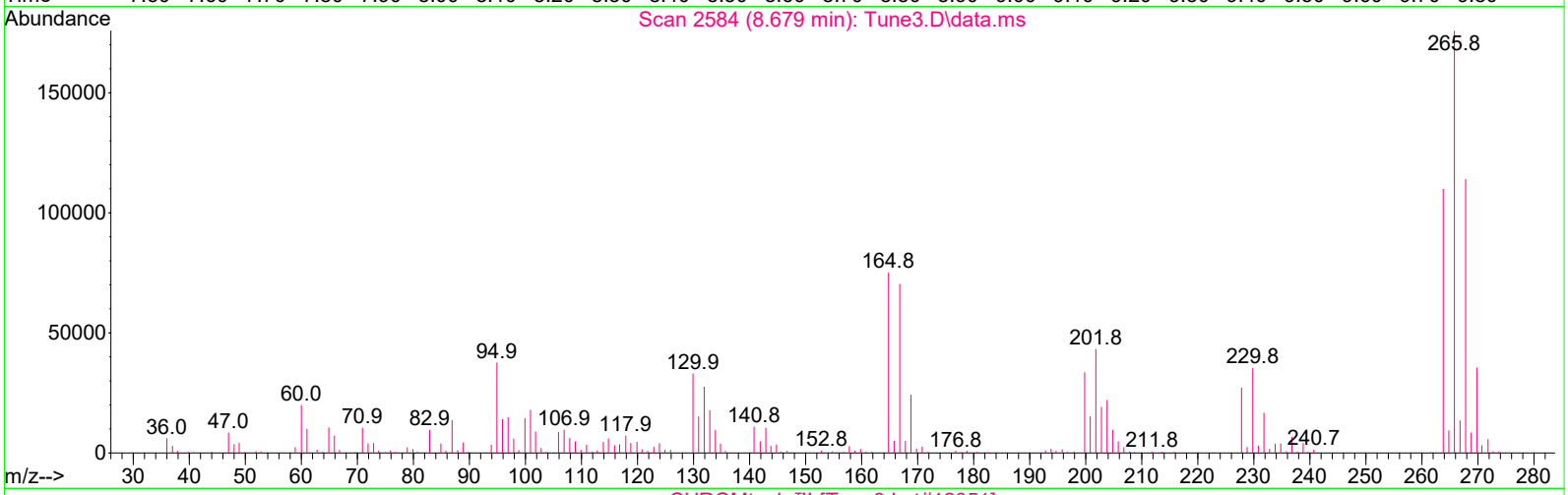
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\SV103\251116ical\
Data File : Tune3.D
Acq On : 18 Nov 2025 7:19 pm
Operator : SV103:mrg
Sample : Tune3 Lot#12051
Misc : WG2143949
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Nov 18 19:44:01 2025
Quant Method : I:\8270\SV103\251116ical\DftppSV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 07 09:14:14 2017
Response via : Initial Calibration





CHROMtools™ [Tune3 Lot#12051]

(1) Pentachlorophenol (T)

8.679min (-0.003) 0.00

response 150719

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL10a.D
Acq On : 18 Nov 2025 7:48 pm
Operator : SV103:mrg
Sample : IL1,32,,ABNL200 Lot# 12058
Misc : WG2143949
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 19 14:18:49 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	4.479	152	206527	40.000	ug/ml	-0.01
Standard Area 1 = 218854			Recovery = 94.37%			
35) IS1_Naphthalene-d8	5.724	136	745370	40.000	ug/ml	0.00
Standard Area 1 = 823606			Recovery = 90.50%			
63) IS1_Acenaphthene-d10	7.429	164	419931	40.000	ug/ml	0.00
Standard Area 1 = 470754			Recovery = 89.20%			
88) IS1_Phenanthrene-d10	8.858	188	859974	40.000	ug/ml	0.00
Standard Area 1 = 949544			Recovery = 90.57%			
104) IS1_Chrysene-d12	11.549	240	842909	40.000	ug/ml	0.00
Standard Area 1 = 1012970			Recovery = 83.21%			
113) IS1_Perylene-d12	13.228	264	955602	40.000	ug/ml	-0.01
Standard Area 1 = 1104008			Recovery = 86.56%			
System Monitoring Compounds						
4) 2-Fluorophenol	3.175	112	1256194	210.625	ug/ml	-0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 421.25%#			
7) Phenol-d6	4.175	99	1505579	206.774	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 413.55%#			
19) Nitrobenzene-d5	5.036	82	1210965	199.149	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 796.60%#			
46) 2-Fluorobiphenyl	6.804	172	2784930	179.128	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 716.51%#			
79) 2,4,6-Tribromophenol	8.199	330	480587	227.622	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 455.24%#			
96) 4-Terphenyl-d14	10.452	244	4015148	187.208	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 748.83%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.760	74	828858	210.914	ug/ml#	84
3) Pyridine	1.783	79	1420807	211.192	ug/ml	81
5) Aniline	4.164	93	2082130	204.610	ug/ml	96
6) 2-Chlorophenol	4.272	128	1324030	200.370	ug/ml	95
8) Phenol	4.190	94	1776525	205.627	ug/ml#	92
9) Bis(2-chloroethyl)ether	4.258	93	1239301	197.352	ug/ml#	81
10) 1,3-Dichlorobenzene	4.420	146	1542275	190.725	ug/ml	97
11) 1,4-Dichlorobenzene	4.496	146	1519836	187.728	ug/ml	96
12) 1,2-Dichlorobenzene	4.639	146	1446612	188.138	ug/ml	96
13) Benzyl alcohol	4.650	79	1039724	203.462	ug/ml	95
14) Bis(2-chloroisopropyl)...	4.792	45	1643796	187.332	ug/ml#	85

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL10a.D
Acq On : 18 Nov 2025 7:48 pm
Operator : SV103:mrg
Sample : IL1,32,,ABNL200 Lot# 12058
Misc : WG2143949
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 19 14:18:49 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	4.778	108	1134158	195.996	ug/ml	99
16) Hexachloroethane	4.965	117	542859	189.435	ug/ml#	72
17) n-Nitrosodi-n-propylamine	4.928	70	899277	198.903	ug/ml	98
18) 3-Methylphenol/4-Methy...	4.943	108	1201104	195.267	ug/ml	99
20) Nitrobenzene	5.056	77	1264135	198.251	ug/ml	95
21) Isophorone	5.309	82	2430349	197.655	ug/ml	98
22) 2-Nitrophenol	5.366	139	607084	209.605	ug/ml	88
23) 2,4-Dimethylphenol	5.454	107	1285339	197.711	ug/ml	96
24) Bis(2-chloroethoxy)met...	5.545	93	1526608	189.788	ug/ml	99
25) 2,4-Dichlorophenol	5.610	162	1163912	197.074	ug/ml	95
26) 1,2,4-Trichlorobenzene	5.678	180	1275000	182.697	ug/ml	97
36) Naphthalene	5.747	128	3539236	182.437	ug/ml	99
37) Benzoic Acid	5.653	105	935986M1	215.484	ug/ml	
38) 4-Chloroaniline	5.823	65	471492	197.222	ug/ml	79
39) Hexachlorobutadiene	5.886	225	795560	188.734	ug/ml	99
40) p-Chloro-m-cresol	6.323	107	1148655	214.650	ug/ml	94
41) 2-Methylnaphthalene	6.426	142	2319348	190.873	ug/ml	97
42) 1-Methylnaphthalene	6.520	115	832867	193.762	ug/ml	89
43) Hexachlorocyclopentadiene	6.585	237	930307	220.213	ug/ml	95
44) 2,4,6-Trichlorophenol	6.716	196	873892	213.226	ug/ml	96
45) 2,4,5-Trichlorophenol	6.744	196	955567	212.091	ug/ml	98
47) 2-Chloronaphthalene	6.895	162	2453040	184.500	ug/ml	96
48) 2-Nitroaniline	7.014	138	804494	220.486	ug/ml	87
49) 1,4-Dinitrobenzene	7.167	168	383364	220.359	ug/ml#	76
50) 1,3-Dinitrobenzene	7.238	168	420481	210.029	ug/ml	79
51) Dimethyl phthalate	7.233	163	2942093	188.891	ug/ml	99
52) Acenaphthylene	7.292	152	3804467	183.375	ug/ml	98
53) 2,6-Dinitrotoluene	7.273	165	628435	224.215	ug/ml	88
54) 1,2-Dinitrobenzene	7.318	168	266664	222.176	ug/ml#	15
64) 3-Nitroaniline	7.426	138	726519	217.020	ug/ml	91
65) Acenaphthene	7.463	154	2162025	184.036	ug/ml	96
66) 2,4-Dinitrophenol	7.528	184	316312	195.773	ug/ml#	84
67) Dibenzofuran	7.633	168	3475253	180.803	ug/ml#	80
68) 2,4-Dinitrotoluene	7.662	165	856065	231.113	ug/ml#	66
69) 4-Nitrophenol	7.619	65	543367	230.176	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	7.721	232	782178	214.469	ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	7.764	232	776695	211.408	ug/ml	100
72) Diethyl phthalate	7.920	149	2980261	197.684	ug/ml	96
73) Fluorene	7.966	166	2755871	183.725	ug/ml	96
74) 4-Chlorophenyl phenyl ...	7.989	204	1402146	183.891	ug/ml#	86

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL10a.D
Acq On : 18 Nov 2025 7:48 pm
Operator : SV103:mrg
Sample : IL1,32,,ABNL200 Lot# 12058
Misc : WG2143949
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 19 14:18:49 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	8.023	138	686134	219.385	ug/ml#	83
76)	4,6-Dinitro-o-cresol	8.057	198	440780	225.859	ug/ml#	72
77)	NDPA/DPA	8.114	169	2381281	186.315	ug/ml	96
78)	Azobenzene	8.142	77	2571573	191.242	ug/ml#	90
80)	4-Bromophenyl phenyl e...	8.457	248	949989	196.256	ug/ml#	83
81)	Hexachlorobenzene	8.494	284	1081588	192.774	ug/ml#	89
82)	Pentachlorophenol	8.690	266	701399	199.699	ug/ml	98
89)	Phenanthrene	8.886	178	4283547	178.526	ug/ml	98
90)	Anthracene	8.938	178	4308518	180.950	ug/ml	97
91)	Carbazole	9.111	167	4047429	187.522	ug/ml	97
92)	Di-n-butylphthalate	9.512	149	5120393	209.779	ug/ml	99
93)	Fluoranthene	10.037	202	5096935	189.567	ug/ml	97
94)	Benzidine	10.205	184	3763464	215.419	ug/ml	98
95)	Pyrene	10.253	202	5082623	179.063	ug/ml	97
97)	Butyl benzyl phthalate	11.003	149	2420448	223.644	ug/ml	89
105)	Benzo(a)anthracene	11.538	228	5477812	196.266	ug/ml	97
106)	3,3'-Dichlorobenzidine	11.552	252	2218473	213.059	ug/ml#	96
107)	Chrysene	11.586	228	4799258	182.741	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	11.705	149	3415675	227.282	ug/ml	99
109)	Di-n-octylphthalate	12.504	149	6128546	198.024	ug/ml#	91
110)	Benzo(b)fluoranthene	12.802	252	5852867	215.636	ug/ml#	96
111)	Benzo(k)fluoranthene	12.842	252	5076103	191.594	ug/ml#	96
112)	Benzo(a)pyrene	13.177	252	5332554	211.981	ug/ml#	95
114)	Indeno(1,2,3-cd)pyrene	14.427	276	5799661	226.301	ug/mL	95
115)	Dibenzo(a,h)anthracene	14.467	278	5401567	209.523	ug/ml#	96
116)	Benzo(ghi)perylene	14.700	276	5280560	207.257	ug/ml#	90

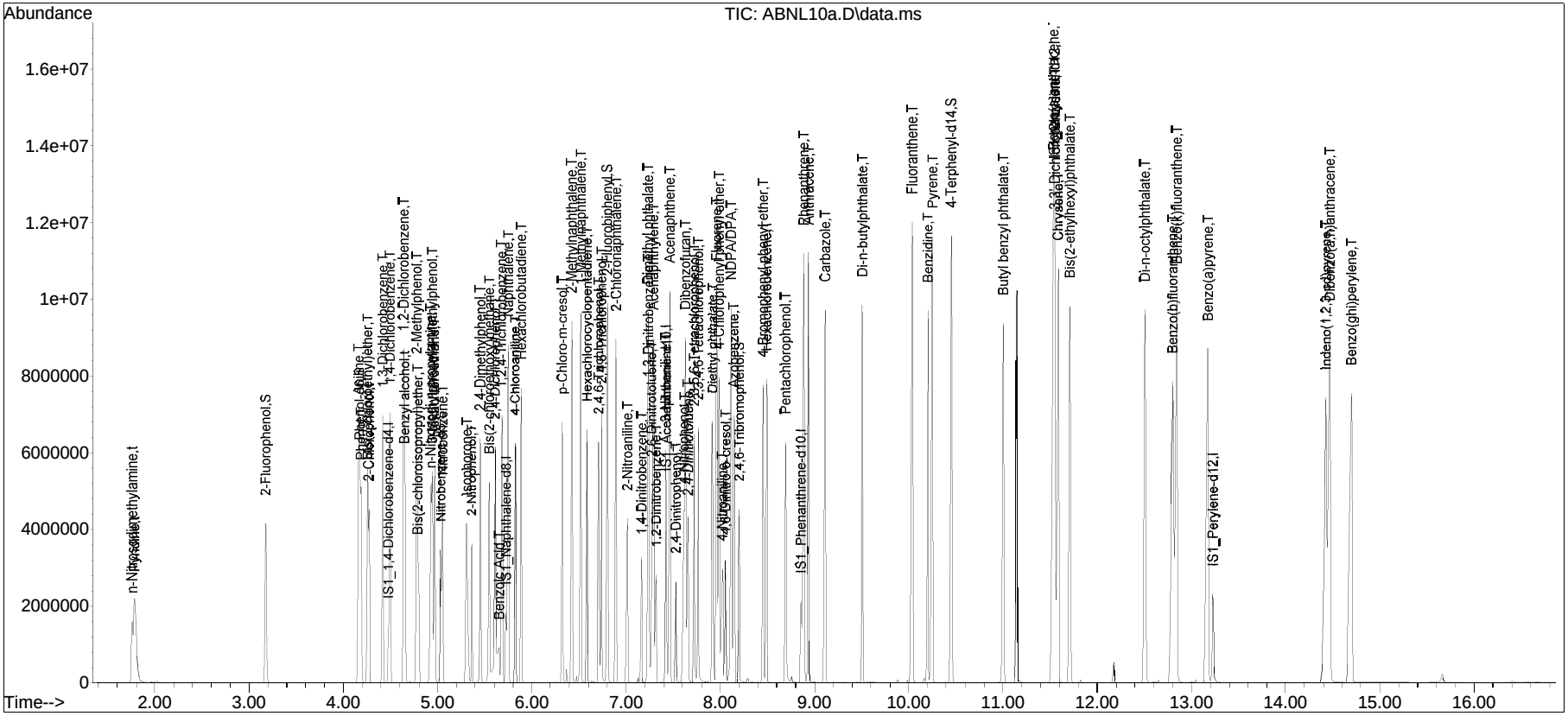
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL10a.D
Acq On : 18 Nov 2025 7:48 pm
Operator : SV103:mrg
Sample : IL1,32,,ABNL200 Lot# 12058
Misc : WG2143949
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 19 14:18:49 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

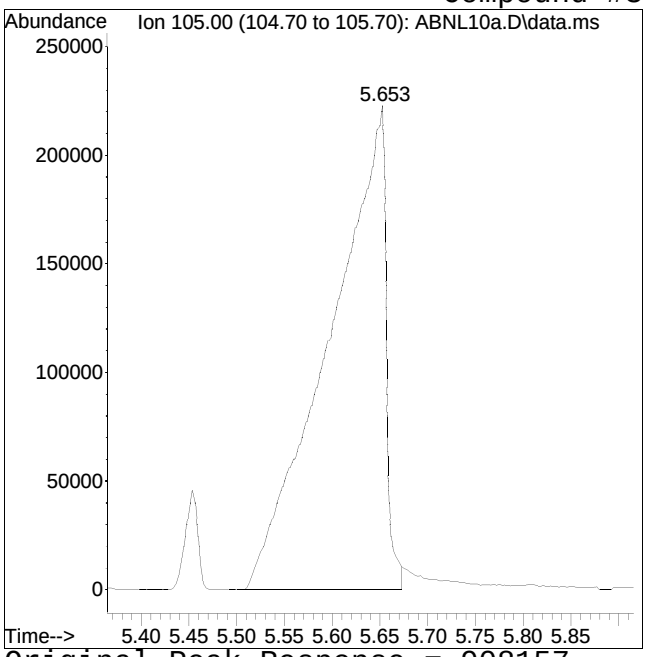
Sub List : ABNical - ABN ical sublistal\ABNL7a.D•

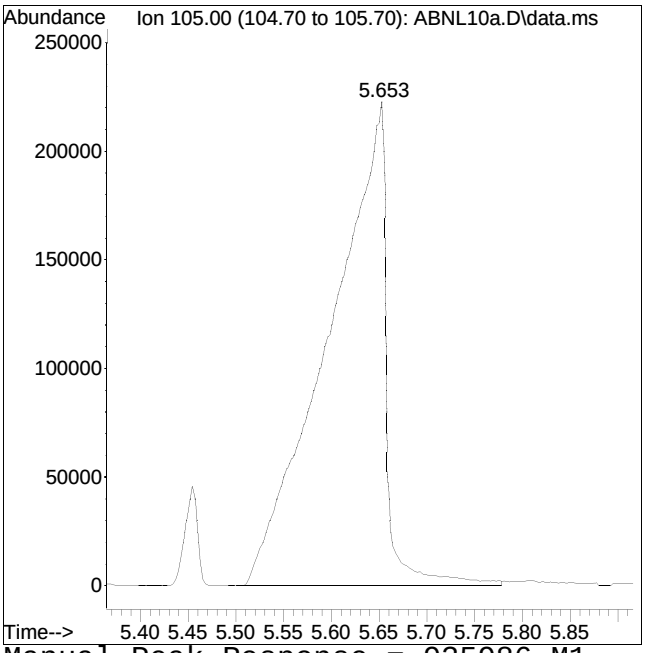


Manual Integration Report

Data Path : I:\8270\SV103\251116ical\ QMethod : FS251116SV103.m
Data File : ABNL10a.D Operator : SV103:mrg
Date Inj'd : 11/18/2025 7:48 pm Instrument : SV103
Sample : IL1,32,,ABNL200 Lot# 12058Quant Date : 11/19/2025 2:19 pm

Compound #37: Benzoic Acid





Original Peak Response = 908157 Manual Peak Response = 935986 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL9a.D
Acq On : 18 Nov 2025 8:09 pm
Operator : SV103:mrg
Sample : IL2,32,,ABNL150 Lot# 12127
Misc : WG2143949
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 19 14:20:48 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	4.480	152	217569	40.000	ug/ml	-0.01
Standard Area 1 = 218854			Recovery = 99.41%			
35) IS1_Naphthalene-d8	5.721	136	802935	40.000	ug/ml	-0.01
Standard Area 1 = 823606			Recovery = 97.49%			
63) IS1_Acenaphthene-d10	7.426	164	451010	40.000	ug/ml	-0.01
Standard Area 1 = 470754			Recovery = 95.81%			
88) IS1_Phenanthrene-d10	8.855	188	900669	40.000	ug/ml	-0.01
Standard Area 1 = 949544			Recovery = 94.85%			
104) IS1_Chrysene-d12	11.541	240	882811	40.000	ug/ml	-0.01
Standard Area 1 = 1012970			Recovery = 87.15%			
113) IS1_Perylene-d12	13.223	264	999687	40.000	ug/ml	-0.02
Standard Area 1 = 1104008			Recovery = 90.55%			
System Monitoring Compounds						
4) 2-Fluorophenol	3.178	112	1017182	161.895	ug/ml	-0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 323.79%#			
7) Phenol-d6	4.173	99	1231919	160.603	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 321.21%#			
19) Nitrobenzene-d5	5.034	82	1033903	161.401	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 645.60%#			
46) 2-Fluorobiphenyl	6.801	172	2347352	140.159	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 560.64%#			
79) 2,4,6-Tribromophenol	8.193	330	396984	175.068	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 350.14%#			
96) 4-Terphenyl-d14	10.447	244	3291576	146.537	ug/ml	-0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 586.15%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.760	74	671608	162.226	ug/ml#	83
3) Pyridine	1.783	79	1138712	160.670	ug/ml	81
5) Aniline	4.164	93	1698790	158.467	ug/ml	99
6) 2-Chlorophenol	4.272	128	1098526	157.806	ug/ml	96
8) Phenol	4.187	94	1447473	159.037	ug/ml#	95
9) Bis(2-chloroethyl)ether	4.258	93	1016176	153.608	ug/ml#	80
10) 1,3-Dichlorobenzene	4.420	146	1250548	146.800	ug/ml	97
11) 1,4-Dichlorobenzene	4.497	146	1246630	146.168	ug/ml	97
12) 1,2-Dichlorobenzene	4.639	146	1183780	146.142	ug/ml	96
13) Benzyl alcohol	4.650	79	869511	161.518	ug/ml	95
14) Bis(2-chloroisopropyl)...	4.792	45	1370609	148.272	ug/ml#	85

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL9a.D
Acq On : 18 Nov 2025 8:09 pm
Operator : SV103:mrg
Sample : IL2,32,,ABNL150 Lot# 12127
Misc : WG2143949
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 19 14:20:48 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	4.775	108	944455	154.930	ug/ml	99
16) Hexachloroethane	4.965	117	446682	147.963	ug/ml#	72
17) n-Nitrosodi-n-propylamine	4.926	70	749631	157.389	ug/ml	98
18) 3-Methylphenol/4-Methy...	4.940	108	1007449	155.471	ug/ml	100
20) Nitrobenzene	5.054	77	1064034	158.401	ug/ml	95
21) Isophorone	5.304	82	2020895	156.013	ug/ml	97
22) 2-Nitrophenol	5.363	139	533980	175.008	ug/ml	89
23) 2,4-Dimethylphenol	5.451	107	1078737	157.510	ug/ml	96
24) Bis(2-chloroethoxy)met...	5.542	93	1283933	151.518	ug/ml	98
25) 2,4-Dichlorophenol	5.608	162	977205	157.063	ug/ml	95
26) 1,2,4-Trichlorobenzene	5.679	180	1058774	144.014	ug/ml	96
36) Naphthalene	5.744	128	2970572	142.146	ug/ml	99
37) Benzoic Acid	5.639	105	812861M1	173.721	ug/ml	
38) 4-Chloroaniline	5.824	65	394704	153.265	ug/ml	77
39) Hexachlorobutadiene	5.883	225	662212	145.836	ug/ml	99
40) p-Chloro-m-cresol	6.321	107	960842	166.681	ug/ml	93
41) 2-Methylnaphthalene	6.423	142	1949189	148.910	ug/ml	97
42) 1-Methylnaphthalene	6.517	115	692245	149.501	ug/ml	87
43) Hexachlorocyclopentadiene	6.582	237	787309	173.003	ug/ml	94
44) 2,4,6-Trichlorophenol	6.710	196	741921	168.047	ug/ml	95
45) 2,4,5-Trichlorophenol	6.741	196	800054	164.844	ug/ml	98
47) 2-Chloronaphthalene	6.892	162	2076078	144.953	ug/ml	96
48) 2-Nitroaniline	7.011	138	680179	173.050	ug/ml	87
49) 1,4-Dinitrobenzene	7.162	168	325353	173.607	ug/ml#	76
50) 1,3-Dinitrobenzene	7.233	168	357786	165.900	ug/ml	77
51) Dimethyl phthalate	7.227	163	2476018	147.571	ug/ml	100
52) Acenaphthylene	7.287	152	3234314	144.717	ug/ml	99
53) 2,6-Dinitrotoluene	7.267	165	525109	173.918	ug/ml	87
54) 1,2-Dinitrobenzene	7.312	168	224326	173.501	ug/ml#	14
64) 3-Nitroaniline	7.418	138	609335	169.473	ug/ml	90
65) Acenaphthene	7.460	154	1809783	143.437	ug/ml	96
66) 2,4-Dinitrophenol	7.523	184	269823	156.179	ug/ml#	84
67) Dibenzofuran	7.631	168	2929102	141.888	ug/ml	89
68) 2,4-Dinitrotoluene	7.653	165	711100	178.748	ug/ml#	65
69) 4-Nitrophenol	7.611	65	452847	178.611	ug/ml#	78
70) 2,3,5,6-Tetrachlorophenol	7.719	232	656799	167.681	ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	7.759	232	654100	165.770	ug/ml	99
72) Diethyl phthalate	7.915	149	2474365	152.818	ug/ml	97
73) Fluorene	7.960	166	2335282	144.957	ug/ml	97
74) 4-Chlorophenyl phenyl ...	7.983	204	1170204	142.896	ug/ml#	86

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL9a.D
Acq On : 18 Nov 2025 8:09 pm
Operator : SV103:mrg
Sample : IL2,32,,ABNL150 Lot# 12127
Misc : WG2143949
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 19 14:20:48 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	8.017	138	568020	169.103	ug/ml#	82
76)	4,6-Dinitro-o-cresol	8.048	198	366839	175.018	ug/ml#	72
77)	NDPA/DPA	8.108	169	1985303	144.629	ug/ml	96
78)	Azobenzene	8.139	77	2154572	149.189	ug/ml#	91
80)	4-Bromophenyl phenyl e...	8.452	248	776387	149.339	ug/ml#	83
81)	Hexachlorobenzene	8.489	284	884639	146.806	ug/ml#	89
82)	Pentachlorophenol	8.688	266	570570	151.709	ug/ml	98
89)	Phenanthrene	8.881	178	3539734	140.860	ug/ml	98
90)	Anthracene	8.932	178	3581780	143.632	ug/ml	98
91)	Carbazole	9.105	167	3332953	147.442	ug/ml	98
92)	Di-n-butylphthalate	9.509	149	4203497	164.433	ug/ml	99
93)	Fluoranthene	10.032	202	4169972	148.084	ug/ml	97
94)	Benzidine	10.199	184	3067445	167.646	ug/ml	98
95)	Pyrene	10.245	202	4191215	140.987	ug/ml	98
97)	Butyl benzyl phthalate	10.998	149	1950947	172.118	ug/ml	90
105)	Benzo(a)anthracene	11.529	228	4499786	153.937	ug/ml	98
106)	3,3'-Dichlorobenzidine	11.543	252	1824456	167.299	ug/ml#	96
107)	Chrysene	11.577	228	3969611	144.318	ug/ml	99
108)	Bis(2-ethylhexyl)phtha...	11.703	149	2783292	176.832	ug/ml	99
109)	Di-n-octylphthalate	12.498	149	5000099	154.695	ug/ml#	91
110)	Benzo(b)fluoranthene	12.794	252	4663627	164.055	ug/ml#	96
111)	Benzo(k)fluoranthene	12.833	252	4293323	154.724	ug/ml#	96
112)	Benzo(a)pyrene	13.169	252	4352018	165.183	ug/ml#	95
114)	Indeno(1,2,3-cd)pyrene	14.419	276	4664266	173.972	ug/mL	95
115)	Dibenzo(a,h)anthracene	14.459	278	4462808	165.475	ug/ml#	95
116)	Benzo(ghi)perylene	14.692	276	4286291	160.814	ug/ml#	90

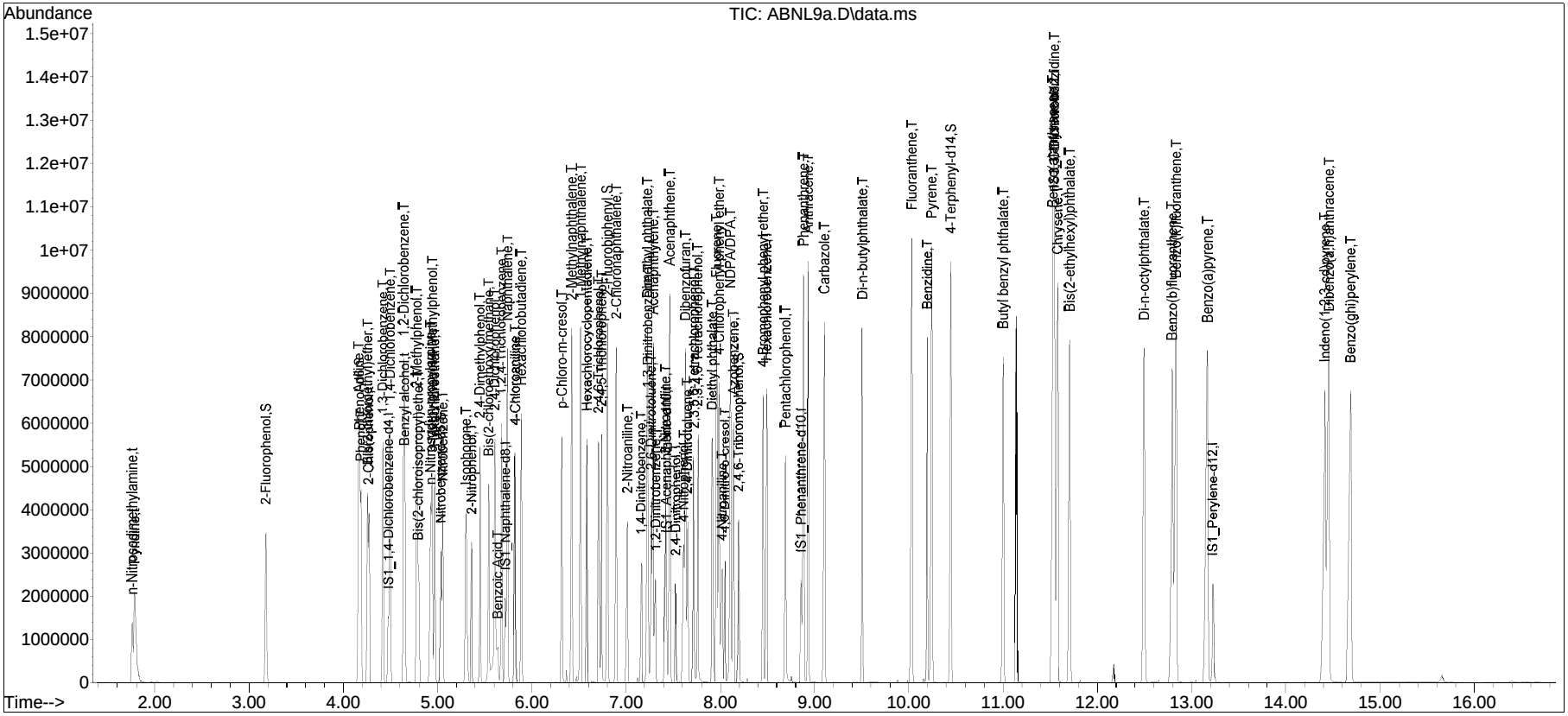
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL9a.D
Acq On : 18 Nov 2025 8:09 pm
Operator : SV103:mrg
Sample : IL2,32,,ABNL150 Lot# 12127
Misc : WG2143949
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 19 14:20:48 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

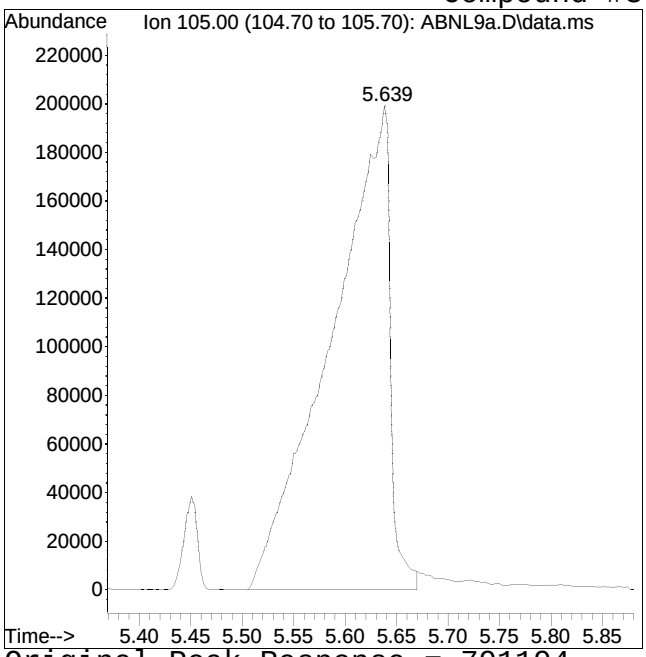
Sub List : ABNical - ABN ical sublistal\ABNL7a.D•

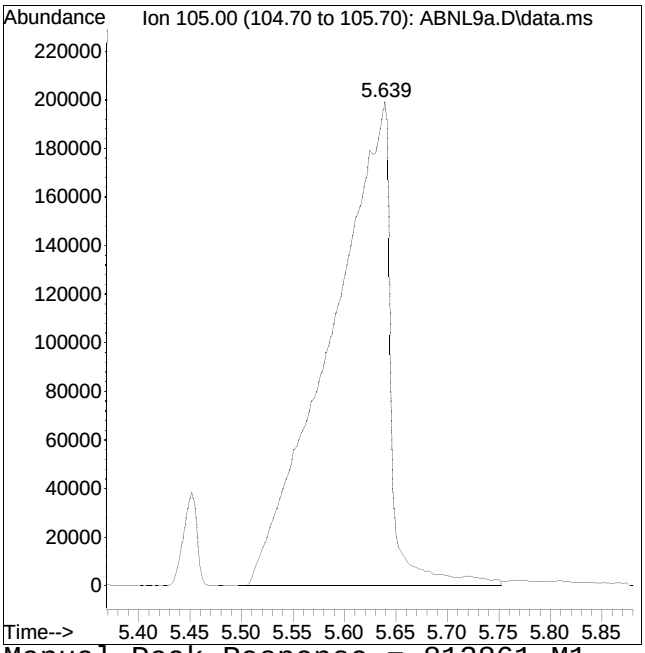


Manual Integration Report

Data Path : I:\8270\SV103\251116ical\ QMethod : FS251116SV103.m
Data File : ABNL9a.D Operator : SV103:mrg
Date Inj'd : 11/18/2025 8:09 pm Instrument : SV103
Sample : IL2,32,,ABNL150 Lot# 12127 Quant Date : 11/19/2025 2:21 pm

Compound #37: Benzoic Acid





Original Peak Response = 791194 Manual Peak Response = 812861 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL8a.D
Acq On : 18 Nov 2025 8:30 pm
Operator : SV103:mrg
Sample : IL3,32,,ABNL100 Lot# 12128
Misc : WG2143949
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 19 14:20:26 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	4.480	152	222841	40.000	ug/ml	#-0.01
Standard Area 1 = 218854			Recovery = 101.82%			
35) IS1_Naphthalene-d8	5.721	136	837224	40.000	ug/ml	-0.01
Standard Area 1 = 823606			Recovery = 101.65%			
63) IS1_Acenaphthene-d10	7.423	164	475134	40.000	ug/ml	-0.01
Standard Area 1 = 470754			Recovery = 100.93%			
88) IS1_Phenanthrene-d10	8.855	188	950424	40.000	ug/ml	-0.01
Standard Area 1 = 949544			Recovery = 100.09%			
104) IS1_Chrysene-d12	11.538	240	956272	40.000	ug/ml	-0.02
Standard Area 1 = 1012970			Recovery = 94.40%			
113) IS1_Perylene-d12	13.220	264	1064153	40.000	ug/ml	-0.02
Standard Area 1 = 1104008			Recovery = 96.39%			
System Monitoring Compounds						
4) 2-Fluorophenol	3.175	112	689258	107.107	ug/ml	-0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 214.21%#			
7) Phenol-d6	4.170	99	849996	108.191	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 216.38%#			
19) Nitrobenzene-d5	5.031	82	721555	109.976	ug/ml	-0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 439.90%#			
46) 2-Fluorobiphenyl	6.798	172	1711211	97.990	ug/ml	-0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 391.96%#			
79) 2,4,6-Tribromophenol	8.190	330	280310	117.339	ug/ml	-0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 234.68%#			
96) 4-Terphenyl-d14	10.444	244	2391256	100.883	ug/ml	-0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 403.53%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.757	74	455928	107.523	ug/ml#	83
3) Pyridine	1.783	79	774268	106.663	ug/ml#	81
5) Aniline	4.161	93	1166397	106.230	ug/ml	96
6) 2-Chlorophenol	4.269	128	760065	106.602	ug/ml	96
8) Phenol	4.181	94	1002968	107.591	ug/ml#	95
9) Bis(2-chloroethyl)ether	4.255	93	702592	103.693	ug/ml	95
10) 1,3-Dichlorobenzene	4.417	146	876523	100.460	ug/ml	96
11) 1,4-Dichlorobenzene	4.497	146	879759	100.711	ug/ml	96
12) 1,2-Dichlorobenzene	4.639	146	832294	100.319	ug/ml	96
13) Benzyl alcohol	4.644	79	607449	110.168	ug/ml	95
14) Bis(2-chloroisopropyl)...	4.786	45	965864	102.015	ug/ml#	85

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL8a.D
Acq On : 18 Nov 2025 8:30 pm
Operator : SV103:mrg
Sample : IL3,32,,ABNL100 Lot# 12128
Misc : WG2143949
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 19 14:20:26 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	4.772	108	663477	106.263	ug/ml	99
16) Hexachloroethane	4.963	117	316208	102.265	ug/ml#	72
17) n-Nitrosodi-n-propylamine	4.917	70	526489	107.924	ug/ml	98
18) 3-Methylphenol/4-Methy...	4.937	108	704214	106.105	ug/ml	100
20) Nitrobenzene	5.051	77	747593	108.660	ug/ml	95
21) Isophorone	5.301	82	1421457	107.141	ug/ml	98
22) 2-Nitrophenol	5.363	139	368190	117.816	ug/ml	89
23) 2,4-Dimethylphenol	5.448	107	755173	107.657	ug/ml	96
24) Bis(2-chloroethoxy)met...	5.539	93	899571	103.647	ug/ml	99
25) 2,4-Dichlorophenol	5.605	162	688579	108.055	ug/ml	95
26) 1,2,4-Trichlorobenzene	5.676	180	756008	100.399	ug/ml	96
36) Naphthalene	5.741	128	2139190	98.171	ug/ml	99
37) Benzoic Acid	5.616	105	553420	113.431	ug/ml	95
38) 4-Chloroaniline	5.818	65	278856	103.846	ug/ml	77
39) Hexachlorobutadiene	5.883	225	467979	98.840	ug/ml	99
40) p-Chloro-m-cresol	6.318	107	671091	111.649	ug/ml	94
41) 2-Methylnaphthalene	6.423	142	1375768	100.798	ug/ml	96
42) 1-Methylnaphthalene	6.514	115	491962	101.895	ug/ml	86
43) Hexachlorocyclopentadiene	6.582	237	551680	116.261	ug/ml	95
44) 2,4,6-Trichlorophenol	6.710	196	525804	114.218	ug/ml	96
45) 2,4,5-Trichlorophenol	6.738	196	562765	111.204	ug/ml	99
47) 2-Chloronaphthalene	6.889	162	1496549	100.210	ug/ml	96
48) 2-Nitroaniline	7.008	138	477319	116.465	ug/ml	87
49) 1,4-Dinitrobenzene	7.159	168	226105	115.707	ug/ml	77
50) 1,3-Dinitrobenzene	7.230	168	252526	112.297	ug/ml	78
51) Dimethyl phthalate	7.222	163	1779431	101.711	ug/ml	100
52) Acenaphthylene	7.284	152	2345097	100.632	ug/ml	99
53) 2,6-Dinitrotoluene	7.264	165	374120	118.835	ug/ml#	85
54) 1,2-Dinitrobenzene	7.307	168	159582	118.371	ug/ml#	13
64) 3-Nitroaniline	7.415	138	427414	112.840	ug/ml	90
65) Acenaphthene	7.457	154	1298912	97.720	ug/ml	95
66) 2,4-Dinitrophenol	7.517	184	185983	103.339	ug/ml#	84
67) Dibenzofuran	7.628	168	2119996	97.480	ug/ml	92
68) 2,4-Dinitrotoluene	7.651	165	505687	120.659	ug/ml#	71
69) 4-Nitrophenol	7.605	65	306577	114.780	ug/ml#	87
70) 2,3,5,6-Tetrachlorophenol	7.716	232	466025	112.935	ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	7.756	232	463152	111.418	ug/ml	99
72) Diethyl phthalate	7.912	149	1765105	103.479	ug/ml	97
73) Fluorene	7.957	166	1682448	99.132	ug/ml	97
74) 4-Chlorophenyl phenyl ...	7.983	204	849563	98.475	ug/ml#	86

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL8a.D
Acq On : 18 Nov 2025 8:30 pm
Operator : SV103:mrg
Sample : IL3,32,,ABNL100 Lot# 12128
Misc : WG2143949
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 19 14:20:26 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	8.009	138	403701	114.082	ug/ml	88
76)	4,6-Dinitro-o-cresol	8.043	198	257678	116.696	ug/ml#	72
77)	NDPA/DPA	8.105	169	1427472	98.711	ug/ml	97
78)	Azobenzene	8.136	77	1535349	100.914	ug/ml#	91
80)	4-Bromophenyl phenyl e...	8.452	248	548740	100.192	ug/ml#	84
81)	Hexachlorobenzene	8.486	284	632271	99.598	ug/ml#	89
82)	Pentachlorophenol	8.685	266	402477	102.199	ug/ml	98
89)	Phenanthrene	8.878	178	2555359	96.365	ug/ml	99
90)	Anthracene	8.929	178	2612469	99.277	ug/ml	98
91)	Carbazole	9.103	167	2381520	99.838	ug/ml	98
92)	Di-n-butylphthalate	9.506	149	3020063	111.955	ug/ml	99
93)	Fluoranthene	10.029	202	3013532	101.414	ug/ml	97
94)	Benzidine	10.197	184	2183154	113.070	ug/ml	98
95)	Pyrene	10.242	202	3083846	98.306	ug/ml	98
97)	Butyl benzyl phthalate	10.995	149	1383954	115.705	ug/ml	89
105)	Benzo(a)anthracene	11.526	228	3239119	102.297	ug/ml	98
106)	3,3'-Dichlorobenzidine	11.538	252	1331194	112.690	ug/ml#	95
107)	Chrysene	11.569	228	2908000	97.601	ug/ml	99
108)	Bis(2-ethylhexyl)phtha...	11.700	149	2011104	117.957	ug/ml	100
109)	Di-n-octylphthalate	12.495	149	3535128	101.653	ug/ml#	91
110)	Benzo(b)fluoranthene	12.788	252	3338847	108.430	ug/ml#	96
111)	Benzo(k)fluoranthene	12.825	252	3124798	103.962	ug/ml	96
112)	Benzo(a)pyrene	13.160	252	3113856	109.108	ug/ml#	95
114)	Indeno(1,2,3-cd)pyrene	14.410	276	3222054	112.899	ug/mL	95
115)	Dibenzo(a,h)anthracene	14.447	278	3174470	110.575	ug/ml#	95
116)	Benzo(ghi)perylene	14.680	276	3048728	107.453	ug/ml#	90

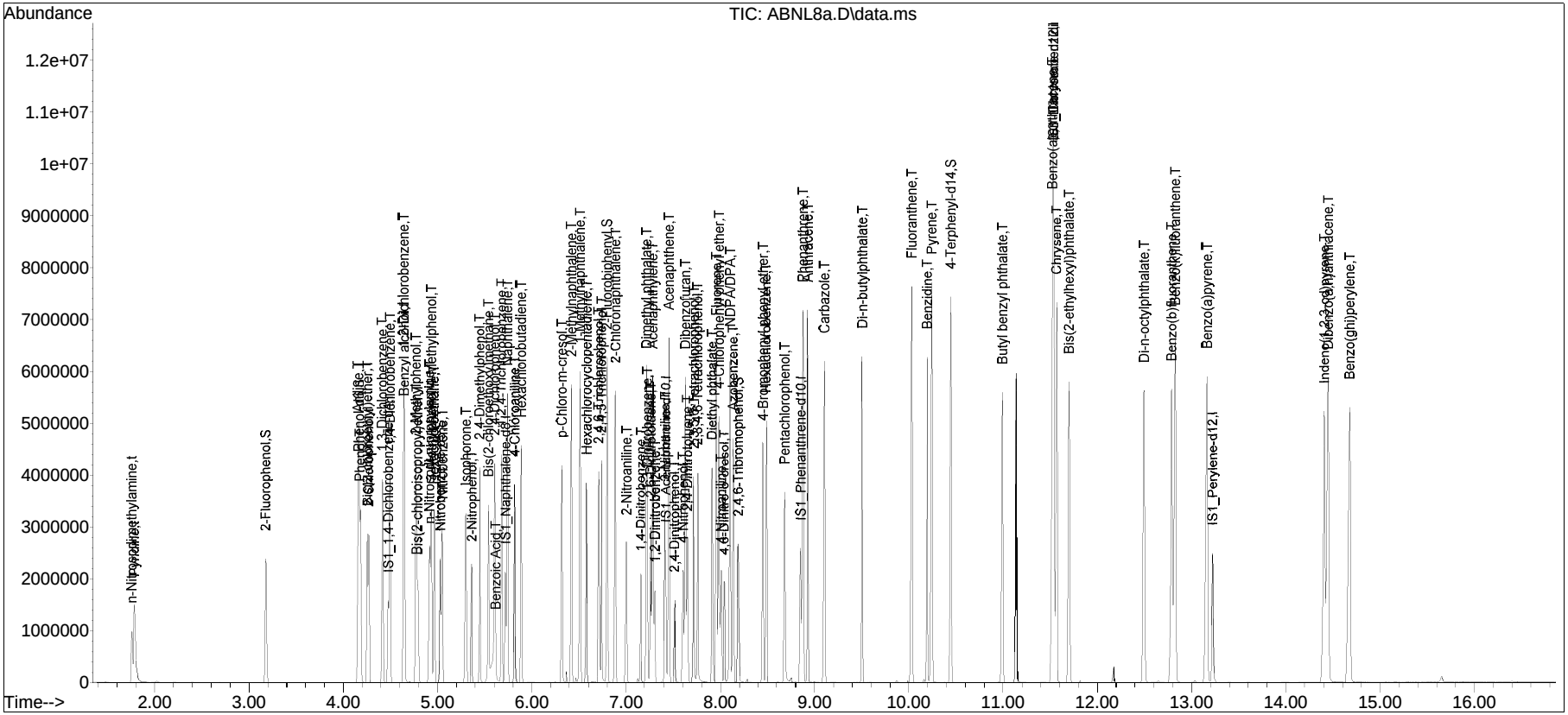
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL8a.D
Acq On : 18 Nov 2025 8:30 pm
Operator : SV103:mrg
Sample : IL3,32,,ABNL100 Lot# 12128
Misc : WG2143949
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 19 14:20:26 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublistal\ABNL7a.D•



Manual Integration Report

Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: ABNL8a.D	Operator	: SV103:mrg
Date Inj'd	: 11/18/2025 8:30 pm	Instrument	: SV103
Sample	: IL3,32,,ABNL100 Lot# 12128	Quant Date	: 11/19/2025 2:21 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL7a.D
Acq On : 18 Nov 2025 8:51 pm
Operator : SV103:mrg
Sample : IL4,32,,ABNL50 Lot# 12129
Misc : WG2143949
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 19 14:20:17 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	4.479	152	218854	40.000	ug/ml	-0.01
Standard Area 1 = 218854			Recovery = 100.00%			
35) IS1_Naphthalene-d8	5.718	136	823606	40.000	ug/ml	-0.01
Standard Area 1 = 823606			Recovery = 100.00%			
63) IS1_Acenaphthene-d10	7.423	164	470754	40.000	ug/ml	-0.01
Standard Area 1 = 470754			Recovery = 100.00%			
88) IS1_Phenanthrene-d10	8.852	188	949544	40.000	ug/ml	-0.01
Standard Area 1 = 949544			Recovery = 100.00%			
104) IS1_Chrysene-d12	11.532	240	1012970	40.000	ug/ml	-0.02
Standard Area 1 = 1012970			Recovery = 100.00%			
113) IS1_Perylene-d12	13.220	264	1104008	40.000	ug/ml	-0.02
Standard Area 1 = 1104008			Recovery = 100.00%			
System Monitoring Compounds						
4) 2-Fluorophenol	3.178	112	324757	51.385	ug/ml	-0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 102.77%			
7) Phenol-d6	4.164	99	396416	51.377	ug/ml	-0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 102.75%			
19) Nitrobenzene-d5	5.028	82	339048	52.617	ug/ml	-0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 210.47%#			
46) 2-Fluorobiphenyl	6.795	172	845773	49.233	ug/ml	-0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 196.93%#			
79) 2,4,6-Tribromophenol	8.185	330	131700	55.643	ug/ml	-0.02
Spiked Amount 50.000	Range 15 - 110		Recovery = 111.29%#			
96) 4-Terphenyl-d14	10.441	244	1221302	51.572	ug/ml	-0.02
Spiked Amount 25.000	Range 30 - 130		Recovery = 206.29%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.763	74	213305	51.221	ug/ml#	84
3) Pyridine	1.794	79	364099	51.072	ug/ml	81
5) Aniline	4.158	93	544240	50.470	ug/ml	97
6) 2-Chlorophenol	4.269	128	356756	50.948	ug/ml	96
8) Phenol	4.178	94	469144	51.243	ug/ml#	93
9) Bis(2-chloroethyl)ether	4.249	93	330317	49.638	ug/ml	97
10) 1,3-Dichlorobenzene	4.417	146	424237	49.508	ug/ml	96
11) 1,4-Dichlorobenzene	4.494	146	427608	49.843	ug/ml	96
12) 1,2-Dichlorobenzene	4.639	146	403606	49.534	ug/ml	95
13) Benzyl alcohol	4.641	79	284999	52.630	ug/ml	95
14) Bis(2-chloroisopropyl)...	4.786	45	460154	49.487	ug/ml#	86

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL7a.D
Acq On : 18 Nov 2025 8:51 pm
Operator : SV103:mrg
Sample : IL4,32,,ABNL50 Lot# 12129
Misc : WG2143949
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 19 14:20:17 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	4.769	108	312286	50.927	ug/ml	99
16) Hexachloroethane	4.963	117	151570	49.913	ug/ml#	70
17) n-Nitrosodi-n-propylamine	4.911	70	247024	51.560	ug/ml	99
18) 3-Methylphenol/4-Methy...	4.931	108	335228	51.429	ug/ml	99
20) Nitrobenzene	5.045	77	357577	52.919	ug/ml	95
21) Isophorone	5.292	82	668373	51.296	ug/ml	97
22) 2-Nitrophenol	5.360	139	166547	54.264	ug/ml	89
23) 2,4-Dimethylphenol	5.443	107	357463	51.888	ug/ml	95
24) Bis(2-chloroethoxy)met...	5.536	93	427283	50.128	ug/ml	99
25) 2,4-Dichlorophenol	5.599	162	328623	52.508	ug/ml	95
26) 1,2,4-Trichlorobenzene	5.673	180	363877	49.204	ug/ml	96
36) Naphthalene	5.738	128	1045403	48.768	ug/ml	100
37) Benzoic Acid	5.573	105	240989	50.211	ug/ml	95
38) 4-Chloroaniline	5.815	65	133749	50.632	ug/ml	77
39) Hexachlorobutadiene	5.883	225	225399	48.393	ug/ml	98
40) p-Chloro-m-cresol	6.315	107	314220	53.141	ug/ml	94
41) 2-Methylnaphthalene	6.420	142	667681	49.728	ug/ml	97
42) 1-Methylnaphthalene	6.511	115	235540	49.592	ug/ml	84
43) Hexachlorocyclopentadiene	6.579	237	251061	53.783	ug/ml	95
44) 2,4,6-Trichlorophenol	6.707	196	244609	54.014	ug/ml	97
45) 2,4,5-Trichlorophenol	6.736	196	268443	53.922	ug/ml	99
47) 2-Chloronaphthalene	6.886	162	723300	49.234	ug/ml	96
48) 2-Nitroaniline	7.003	138	219913	54.546	ug/ml	88
49) 1,4-Dinitrobenzene	7.153	168	101834	52.974	ug/ml	77
50) 1,3-Dinitrobenzene	7.221	168	118750	53.681	ug/ml	78
51) Dimethyl phthalate	7.216	163	876116	50.906	ug/ml	100
52) Acenaphthylene	7.281	152	1152307	50.265	ug/ml	99
53) 2,6-Dinitrotoluene	7.258	165	177788	57.406	ug/ml	86
54) 1,2-Dinitrobenzene	7.295	168	76038	57.334	ug/ml	86
64) 3-Nitroaniline	7.406	138	205447	54.744	ug/ml	91
65) Acenaphthene	7.454	154	642120	48.758	ug/ml	96
66) 2,4-Dinitrophenol	7.511	184	80105	46.811	ug/ml#	84
67) Dibenzofuran	7.622	168	1053224	48.879	ug/ml	92
68) 2,4-Dinitrotoluene	7.642	165	242834	58.481	ug/ml#	72
69) 4-Nitrophenol	7.599	65	143066	54.061	ug/ml	88
70) 2,3,5,6-Tetrachlorophenol	7.713	232	222299	54.373	ug/ml	97
71) 2,3,4,6-Tetrachlorophenol	7.753	232	225542	54.762	ug/ml	99
72) Diethyl phthalate	7.906	149	865727	51.225	ug/ml	97
73) Fluorene	7.955	166	835178	49.667	ug/ml	97
74) 4-Chlorophenyl phenyl ...	7.980	204	420927	49.245	ug/ml#	86

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL7a.D
Acq On : 18 Nov 2025 8:51 pm
Operator : SV103:mrg
Sample : IL4,32,,ABNL50 Lot# 12129
Misc : WG2143949
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 19 14:20:17 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	7.994	138	198640	56.656	ug/ml	89
76)	4,6-Dinitro-o-cresol	8.031	198	116884	53.426	ug/ml#	72
77)	NDPA/DPA	8.099	169	714840	49.892	ug/ml	97
78)	Azobenzene	8.131	77	761577	50.522	ug/ml#	91
80)	4-Bromophenyl phenyl e...	8.449	248	268682	49.514	ug/ml#	84
81)	Hexachlorobenzene	8.483	284	305693	48.602	ug/ml#	89
82)	Pentachlorophenol	8.682	266	184541	48.300	ug/ml	98
89)	Phenanthrene	8.875	178	1281775	48.382	ug/ml	99
90)	Anthracene	8.923	178	1314611	50.003	ug/ml	99
91)	Carbazole	9.097	167	1205005	50.563	ug/ml	99
92)	Di-n-butylphthalate	9.503	149	1493994	55.434	ug/ml	99
93)	Fluoranthene	10.026	202	1538906	51.837	ug/ml#	97
94)	Benzidine	10.191	184	1085631	56.279	ug/ml	98
95)	Pyrene	10.239	202	1597804	50.981	ug/ml	99
97)	Butyl benzyl phthalate	10.992	149	669362	56.014	ug/ml	90
105)	Benzo(a)anthracene	11.523	228	1648924	49.161	ug/ml	98
106)	3,3'-Dichlorobenzidine	11.532	252	678463	54.220	ug/ml#	95
107)	Chrysene	11.563	228	1529518	48.462	ug/ml	100
108)	Bis(2-ethylhexyl)phtha...	11.697	149	1013012	56.090	ug/ml	100
109)	Di-n-octylphthalate	12.489	149	1723155	47.840	ug/ml#	91
110)	Benzo(b)fluoranthene	12.782	252	1630185	49.978	ug/ml#	96
111)	Benzo(k)fluoranthene	12.816	252	1635528	51.368	ug/ml#	96
112)	Benzo(a)pyrene	13.152	252	1570447	51.948	ug/ml#	95
114)	Indeno(1,2,3-cd)pyrene	14.402	276	1580151	53.369	ug/mL	94
115)	Dibenzo(a,h)anthracene	14.439	278	1560891	52.407	ug/ml#	95
116)	Benzo(ghi)perylene	14.669	276	1525437	51.824	ug/ml#	90

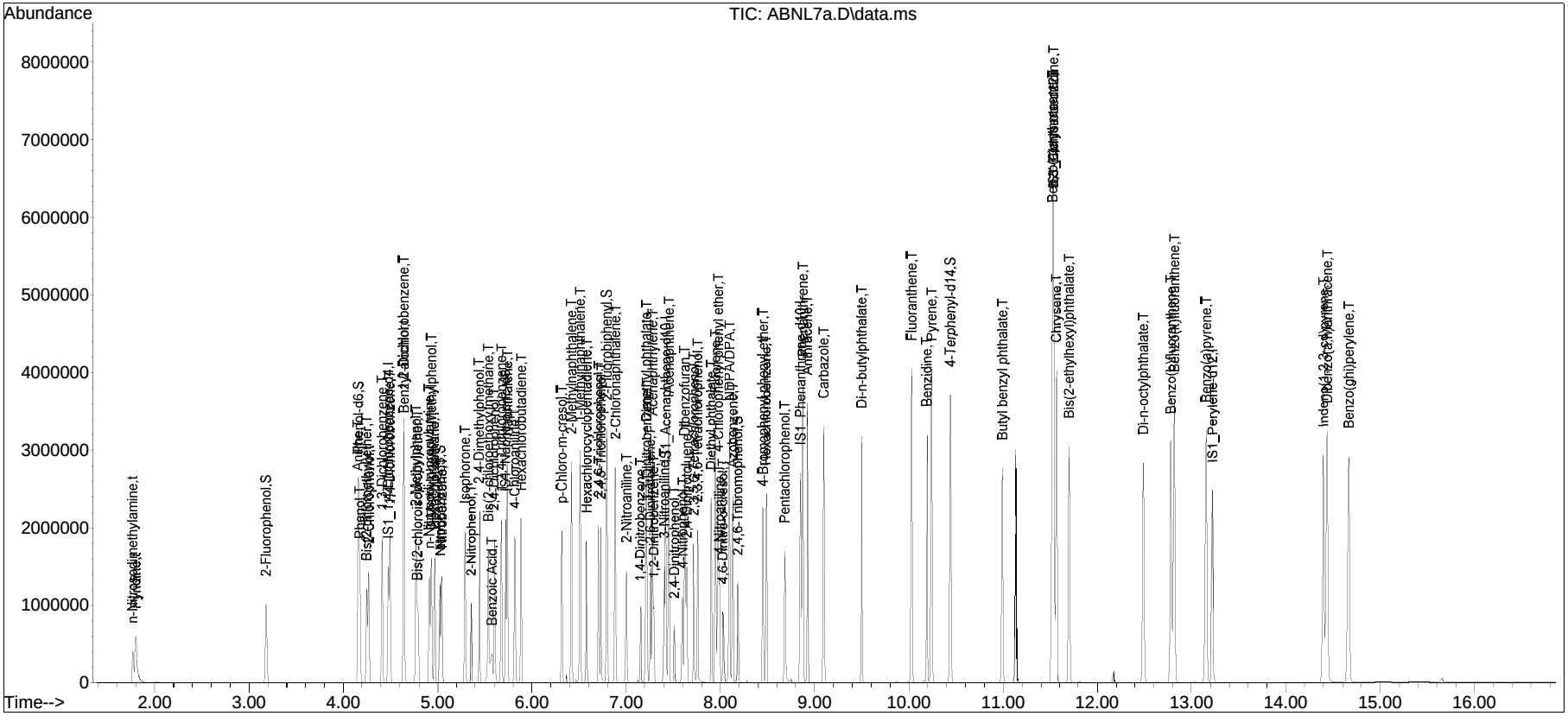
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL7a.D
Acq On : 18 Nov 2025 8:51 pm
Operator : SV103:mrg
Sample : IL4,32,,ABNL50 Lot# 12129
Misc : WG2143949
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 19 14:20:17 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublistal\ABNL7a.D•



Manual Integration Report

Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: ABNL7a.D	Operator	: SV103:mrg
Date Inj'd	: 11/18/2025 8:51 pm	Instrument	: SV103
Sample	: IL4,32,,ABNL50 Lot# 12129	Quant Date	: 11/19/2025 2:20 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL6a.D
Acq On : 18 Nov 2025 9:13 pm
Operator : SV103:mrg
Sample : IL5,32,,ABNL25 Lot# 12130
Misc : WG2143949
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 19 14:20:07 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	4.479	152	248445	40.000	ug/ml	-0.01
Standard Area 1 = 218854			Recovery = 113.52%			
35) IS1_Naphthalene-d8	5.718	136	931458	40.000	ug/ml	-0.01
Standard Area 1 = 823606			Recovery = 113.10%			
63) IS1_Acenaphthene-d10	7.423	164	535702	40.000	ug/ml	-0.01
Standard Area 1 = 470754			Recovery = 113.80%			
88) IS1_Phenanthrene-d10	8.852	188	1073811	40.000	ug/ml	-0.01
Standard Area 1 = 949544			Recovery = 113.09%			
104) IS1_Chrysene-d12	11.529	240	1091448	40.000	ug/ml	-0.03
Standard Area 1 = 1012970			Recovery = 107.75%			
113) IS1_Perylene-d12	13.217	264	1198234	40.000	ug/ml	-0.03
Standard Area 1 = 1104008			Recovery = 108.53%			
System Monitoring Compounds						
4) 2-Fluorophenol	3.178	112	178902	24.935	ug/ml	-0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 49.87%			
7) Phenol-d6	4.161	99	218657	24.963	ug/ml	-0.02
Spiked Amount 50.000	Range 15 - 110		Recovery = 49.93%			
19) Nitrobenzene-d5	5.025	82	188650	25.790	ug/ml	-0.02
Spiked Amount 25.000	Range 30 - 130		Recovery = 103.16%			
46) 2-Fluorobiphenyl	6.795	172	482836	24.852	ug/ml	-0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.41%			
79) 2,4,6-Tribromophenol	8.185	330	72095	26.767	ug/ml	-0.02
Spiked Amount 50.000	Range 15 - 110		Recovery = 53.53%			
96) 4-Terphenyl-d14	10.438	244	667581	24.928	ug/ml	-0.02
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.71%			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.766	74	116286	24.598	ug/ml#	84
3) Pyridine	1.800	79	197190	24.365	ug/ml#	81
5) Aniline	4.158	93	300504	24.548	ug/ml	99
6) 2-Chlorophenol	4.266	128	199712	25.124	ug/ml	96
8) Phenol	4.175	94	259299	24.949	ug/ml#	98
9) Bis(2-chloroethyl)ether	4.249	93	184898	24.476	ug/ml	99
10) 1,3-Dichlorobenzene	4.417	146	238350	24.502	ug/ml	96
11) 1,4-Dichlorobenzene	4.494	146	238682	24.508	ug/ml	97
12) 1,2-Dichlorobenzene	4.638	146	226492	24.486	ug/ml	95
13) Benzyl alcohol	4.638	79	156702	25.491	ug/ml	95
14) Bis(2-chloroisopropyl)...	4.783	45	258803	24.518	ug/ml#	86

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL6a.D
Acq On : 18 Nov 2025 9:13 pm
Operator : SV103:mrg
Sample : IL5,32,,ABNL25 Lot# 12130
Misc : WG2143949
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 19 14:20:07 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	4.769	108	176649	25.376	ug/ml	98
16) Hexachloroethane	4.962	117	86065	24.966	ug/ml#	71
17) n-Nitrosodi-n-propylamine	4.908	70	136121	25.028	ug/ml	98
18) 3-Methylphenol/4-Methy...	4.928	108	187393	25.325	ug/ml	100
20) Nitrobenzene	5.045	77	198923	25.933	ug/ml	96
21) Isophorone	5.289	82	375996	25.420	ug/ml	97
22) 2-Nitrophenol	5.357	139	87710	25.174	ug/ml	90
23) 2,4-Dimethylphenol	5.440	107	198971	25.442	ug/ml	96
24) Bis(2-chloroethoxy)met...	5.534	93	241282	24.935	ug/ml	100
25) 2,4-Dichlorophenol	5.599	162	184251	25.934	ug/ml	95
26) 1,2,4-Trichlorobenzene	5.673	180	205640	24.495	ug/ml	96
36) Naphthalene	5.738	128	598680	24.695	ug/ml	100
37) Benzoic Acid	5.551	105	121156	22.320	ug/ml	94
38) 4-Chloroaniline	5.815	65	75367	25.227	ug/ml	78
39) Hexachlorobutadiene	5.883	225	130885	24.847	ug/ml	100
40) p-Chloro-m-cresol	6.315	107	172069	25.731	ug/ml	93
41) 2-Methylnaphthalene	6.420	142	377731	24.875	ug/ml	96
42) 1-Methylnaphthalene	6.511	115	131788	24.534	ug/ml	83
43) Hexachlorocyclopentadiene	6.579	237	136255	25.809	ug/ml	95
44) 2,4,6-Trichlorophenol	6.707	196	135390	26.435	ug/ml	96
45) 2,4,5-Trichlorophenol	6.735	196	147858	26.261	ug/ml	100
47) 2-Chloronaphthalene	6.886	162	413559	24.891	ug/ml	96
48) 2-Nitroaniline	7.000	138	117758	25.826	ug/ml	88
49) 1,4-Dinitrobenzene	7.150	168	52588	24.189	ug/ml	79
50) 1,3-Dinitrobenzene	7.218	168	63109	25.225	ug/ml	81
51) Dimethyl phthalate	7.213	163	494073	25.384	ug/ml	99
52) Acenaphthylene	7.281	152	665094	25.653	ug/ml	99
53) 2,6-Dinitrotoluene	7.255	165	98068	27.999	ug/ml#	86
54) 1,2-Dinitrobenzene	7.292	168	41679	27.788	ug/ml	89
64) 3-Nitroaniline	7.403	138	112869	26.429	ug/ml	92
65) Acenaphthene	7.452	154	369060	24.626	ug/ml	96
66) 2,4-Dinitrophenol	7.511	184	40586	22.694	ug/ml#	83
67) Dibenzofuran	7.622	168	606630	24.740	ug/ml	91
68) 2,4-Dinitrotoluene	7.639	165	131853	27.904	ug/ml#	74
69) 4-Nitrophenol	7.596	65	75373	25.029	ug/ml#	86
70) 2,3,5,6-Tetrachlorophenol	7.710	232	122517	26.334	ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	7.753	232	127598	27.225	ug/ml	98
72) Diethyl phthalate	7.903	149	487436	25.345	ug/ml	97
73) Fluorene	7.952	166	480816	25.127	ug/ml	97
74) 4-Chlorophenyl phenyl ...	7.980	204	242099	24.889	ug/ml#	85

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL6a.D
Acq On : 18 Nov 2025 9:13 pm
Operator : SV103:mrg
Sample : IL5,32,,ABNL25 Lot# 12130
Misc : WG2143949
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 19 14:20:07 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	7.989	138	108256	27.133	ug/ml	90
76)	4,6-Dinitro-o-cresol	8.028	198	60419	24.269	ug/ml#	72
77)	NDPA/DPA	8.097	169	407696	25.005	ug/ml	97
78)	Azobenzene	8.131	77	437522	25.506	ug/ml#	91
80)	4-Bromophenyl phenyl e...	8.446	248	153230	24.814	ug/ml#	83
81)	Hexachlorobenzene	8.480	284	174324	24.356	ug/ml#	89
82)	Pentachlorophenol	8.682	266	97837	23.501	ug/ml	97
89)	Phenanthrene	8.875	178	730095	24.369	ug/ml	99
90)	Anthracene	8.923	178	746674	25.114	ug/ml	99
91)	Carbazole	9.097	167	681357	25.282	ug/ml	99
92)	Di-n-butylphthalate	9.503	149	824313	27.046	ug/ml	99
93)	Fluoranthene	10.023	202	849556	25.305	ug/ml#	97
94)	Benzidine	10.188	184	574968	26.357	ug/ml#	97
95)	Pyrene	10.236	202	898767	25.358	ug/ml	100
97)	Butyl benzyl phthalate	10.992	149	342994	25.381	ug/ml#	89
105)	Benzo(a)anthracene	11.520	228	894601	24.754	ug/ml	99
106)	3,3'-Dichlorobenzidine	11.529	252	359643	26.674	ug/ml#	95
107)	Chrysene	11.557	228	832435	24.479	ug/ml	99
108)	Bis(2-ethylhexyl)phtha...	11.697	149	528212	27.144	ug/ml	100
109)	Di-n-octylphthalate	12.487	149	856817	23.138	ug/ml#	91
110)	Benzo(b)fluoranthene	12.776	252	885316	25.190	ug/ml#	96
111)	Benzo(k)fluoranthene	12.810	252	859911	25.066	ug/ml#	96
112)	Benzo(a)pyrene	13.146	252	828957	25.449	ug/ml#	95
114)	Indeno(1,2,3-cd)pyrene	14.396	276	814882	25.358	ug/mL	94
115)	Dibenzo(a,h)anthracene	14.433	278	823876	25.486	ug/ml#	96
116)	Benzo(ghi)perylene	14.660	276	810220	25.361	ug/ml#	90

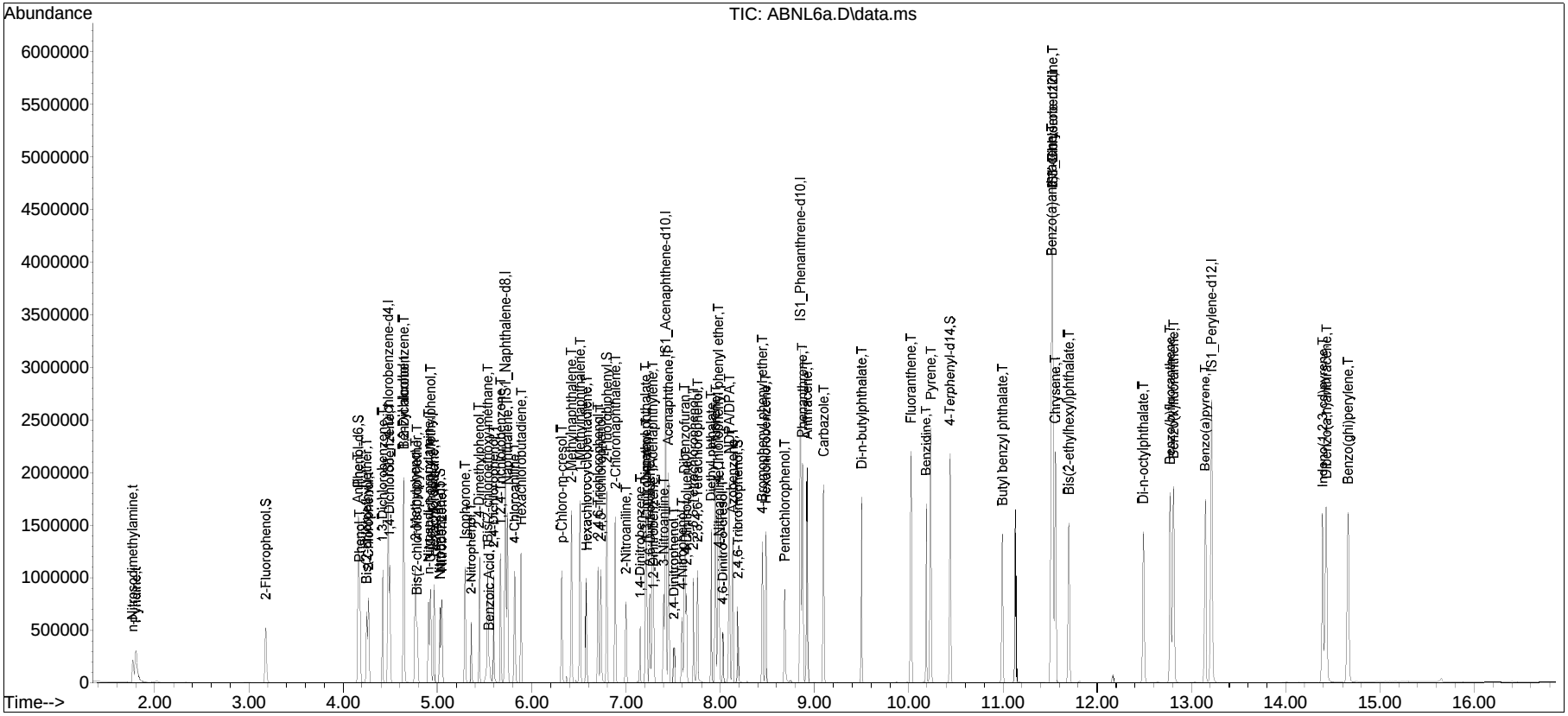
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL6a.D
Acq On : 18 Nov 2025 9:13 pm
Operator : SV103:mrg
Sample : IL5,32,,ABNL25 Lot# 12130
Misc : WG2143949
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 19 14:20:07 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublistal\ABNL7a.D•



Manual Integration Report

Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: ABNL6a.D	Operator	: SV103:mrg
Date Inj'd	: 11/18/2025 9:13 pm	Instrument	: SV103
Sample	: IL5,32,,ABNL25 Lot# 12130	Quant Date	: 11/19/2025 2:20 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL5a.D
Acq On : 18 Nov 2025 9:34 pm
Operator : SV103:mrg
Sample : IL6,32,,ABNL10 Lot# 12131
Misc : WG2143949
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 19 14:19:59 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	4.477	152	226581	40.000	ug/ml	-0.01
Standard Area 1 = 218854			Recovery = 103.53%			
35) IS1_Naphthalene-d8	5.718	136	850900	40.000	ug/ml	-0.01
Standard Area 1 = 823606			Recovery = 103.31%			
63) IS1_Acenaphthene-d10	7.420	164	485933	40.000	ug/ml	-0.02
Standard Area 1 = 470754			Recovery = 103.22%			
88) IS1_Phenanthrene-d10	8.850	188	970454	40.000	ug/ml	-0.02
Standard Area 1 = 949544			Recovery = 102.20%			
104) IS1_Chrysene-d12	11.529	240	1040312	40.000	ug/ml	-0.03
Standard Area 1 = 1012970			Recovery = 102.70%			
113) IS1_Perylene-d12	13.214	264	1163361	40.000	ug/ml	-0.03
Standard Area 1 = 1104008			Recovery = 105.38%			
System Monitoring Compounds						
4) 2-Fluorophenol	3.175	112	64234	9.817	ug/ml	-0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 19.63%			
7) Phenol-d6	4.159	99	77718	9.729	ug/ml	-0.02
Spiked Amount 50.000	Range 15 - 110		Recovery = 19.46%			
19) Nitrobenzene-d5	5.025	82	65016	9.746	ug/ml	-0.02
Spiked Amount 25.000	Range 30 - 130		Recovery = 38.98%			
46) 2-Fluorobiphenyl	6.793	172	174756	9.846	ug/ml	-0.02
Spiked Amount 25.000	Range 30 - 130		Recovery = 39.38%			
79) 2,4,6-Tribromophenol	8.182	330	23897	9.781	ug/ml	-0.02
Spiked Amount 50.000	Range 15 - 110		Recovery = 19.56%			
96) 4-Terphenyl-d14	10.435	244	245245	10.133	ug/ml	-0.02
Spiked Amount 25.000	Range 30 - 130		Recovery = 40.53%			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.763	74	41910	9.721	ug/ml#	80
3) Pyridine	1.797	79	72214M1	9.784	ug/ml	
5) Aniline	4.159	93	107429	9.623	ug/ml#	77
6) 2-Chlorophenol	4.264	128	71545	9.869	ug/ml	95
8) Phenol	4.173	94	91655	9.670	ug/ml#	97
9) Bis(2-chloroethyl)ether	4.247	93	66838	9.702	ug/ml#	79
10) 1,3-Dichlorobenzene	4.414	146	87204	9.830	ug/ml	95
11) 1,4-Dichlorobenzene	4.494	146	87939	9.901	ug/ml	97
12) 1,2-Dichlorobenzene	4.636	146	83830	9.937	ug/ml	95
13) Benzyl alcohol	4.636	79	54671	9.752	ug/ml	95
14) Bis(2-chloroisopropyl)...	4.784	45	94004	9.765	ug/ml#	87

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL5a.D
Acq On : 18 Nov 2025 9:34 pm
Operator : SV103:mrg
Sample : IL6,32,,ABNL10 Lot# 12131
Misc : WG2143949
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 19 14:19:59 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	4.767	108	62769	9.887	ug/ml	98
16) Hexachloroethane	4.963	117	31049	9.876	ug/ml#	70
17) n-Nitrosodi-n-propylamine	4.906	70	47525	9.581	ug/ml	98
18) 3-Methylphenol/4-Methy...	4.926	108	66571	9.865	ug/ml	99
20) Nitrobenzene	5.042	77	69279	9.903	ug/ml	96
21) Isophorone	5.287	82	131582	9.754	ug/ml	97
22) 2-Nitrophenol	5.358	139	28489	8.966	ug/ml	88
23) 2,4-Dimethylphenol	5.440	107	70098	9.828	ug/ml	95
24) Bis(2-chloroethoxy)met...	5.531	93	85641	9.705	ug/ml	100
25) 2,4-Dichlorophenol	5.596	162	64537	9.960	ug/ml	94
26) 1,2,4-Trichlorobenzene	5.673	180	75824	9.903	ug/ml	96
36) Naphthalene	5.736	128	219923	9.930	ug/ml	100
37) Benzoic Acid	5.520	105	36352M1	7.331	ug/ml	
38) 4-Chloroaniline	5.815	65	26594	9.744	ug/ml	76
39) Hexachlorobutadiene	5.880	225	47058	9.779	ug/ml	98
40) p-Chloro-m-cresol	6.312	107	59120	9.678	ug/ml	95
41) 2-Methylnaphthalene	6.417	142	135663	9.780	ug/ml	96
42) 1-Methylnaphthalene	6.511	115	47329	9.645	ug/ml	81
43) Hexachlorocyclopentadiene	6.579	237	45626	9.461	ug/ml	96
44) 2,4,6-Trichlorophenol	6.707	196	46010	9.834	ug/ml	96
45) 2,4,5-Trichlorophenol	6.733	196	49840	9.690	ug/ml	99
47) 2-Chloronaphthalene	6.883	162	149724	9.865	ug/ml	95
48) 2-Nitroaniline	7.000	138	36790	8.832	ug/ml	91
49) 1,4-Dinitrobenzene	7.148	168	15982	8.047	ug/ml	81
50) 1,3-Dinitrobenzene	7.216	168	19907	8.710	ug/ml	82
51) Dimethyl phthalate	7.207	163	176320	9.916	ug/ml	99
52) Acenaphthylene	7.278	152	237744	10.038	ug/ml	99
53) 2,6-Dinitrotoluene	7.250	165	31893	9.968	ug/ml	88
54) 1,2-Dinitrobenzene	7.287	168	13506	9.857	ug/ml	94
64) 3-Nitroaniline	7.398	138	37681	9.727	ug/ml	93
65) Acenaphthene	7.449	154	133830	9.845	ug/ml	96
66) 2,4-Dinitrophenol	7.509	184	11494	9.382	ug/ml#	85
67) Dibenzofuran	7.619	168	220182	9.899	ug/ml	91
68) 2,4-Dinitrotoluene	7.636	165	41974	9.793	ug/ml#	78
69) 4-Nitrophenol	7.594	65	24344	8.912	ug/ml	89
70) 2,3,5,6-Tetrachlorophenol	7.710	232	40715	9.648	ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	7.750	232	44099	10.373	ug/ml	97
72) Diethyl phthalate	7.901	149	173546	9.948	ug/ml	96
73) Fluorene	7.952	166	173722	10.008	ug/ml	98
74) 4-Chlorophenyl phenyl ...	7.977	204	87524	9.920	ug/ml#	85

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL5a.D
Acq On : 18 Nov 2025 9:34 pm
Operator : SV103:mrg
Sample : IL6,32,,ABNL10 Lot# 12131
Misc : WG2143949
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 19 14:19:59 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	7.983	138	36801	10.169	ug/ml	92
76)	4,6-Dinitro-o-cresol	8.026	198	17989	7.966	ug/ml#	75
77)	NDPA/DPA	8.094	169	148385	10.033	ug/ml	98
78)	Azobenzene	8.128	77	155640	10.002	ug/ml#	90
80)	4-Bromophenyl phenyl e...	8.446	248	54841	9.791	ug/ml#	84
81)	Hexachlorobenzene	8.480	284	62857	9.681	ug/ml#	89
82)	Pentachlorophenol	8.679	266	29916	9.161	ug/ml	97
89)	Phenanthrene	8.872	178	267215	9.869	ug/ml	99
90)	Anthracene	8.921	178	270003	10.049	ug/ml	99
91)	Carbazole	9.094	167	246561	10.123	ug/ml	99
92)	Di-n-butylphthalate	9.500	149	276147	10.026	ug/ml	99
93)	Fluoranthene	10.023	202	304558	10.038	ug/ml#	96
94)	Benzidine	10.188	184	196560	9.970	ug/ml#	96
95)	Pyrene	10.233	202	329878	10.299	ug/ml	99
97)	Butyl benzyl phthalate	10.989	149	111788	9.153	ug/ml	91
105)	Benzo(a)anthracene	11.518	228	337074	9.785	ug/ml	99
106)	3,3'-Dichlorobenzidine	11.526	252	129133	10.048	ug/ml#	96
107)	Chrysene	11.555	228	323969	9.995	ug/ml	100
108)	Bis(2-ethylhexyl)phtha...	11.694	149	179492	9.677	ug/ml	99
109)	Di-n-octylphthalate	12.487	149	278771	9.196	ug/ml#	91
110)	Benzo(b)fluoranthene	12.774	252	331970	9.910	ug/ml#	96
111)	Benzo(k)fluoranthene	12.805	252	331054	10.124	ug/ml#	96
112)	Benzo(a)pyrene	13.143	252	309598	9.972	ug/ml#	95
114)	Indeno(1,2,3-cd)pyrene	14.391	276	290589	9.314	ug/mL#	94
115)	Dibenzo(a,h)anthracene	14.427	278	303027	9.655	ug/ml#	95
116)	Benzo(ghi)perylene	14.655	276	300066	9.674	ug/ml#	89

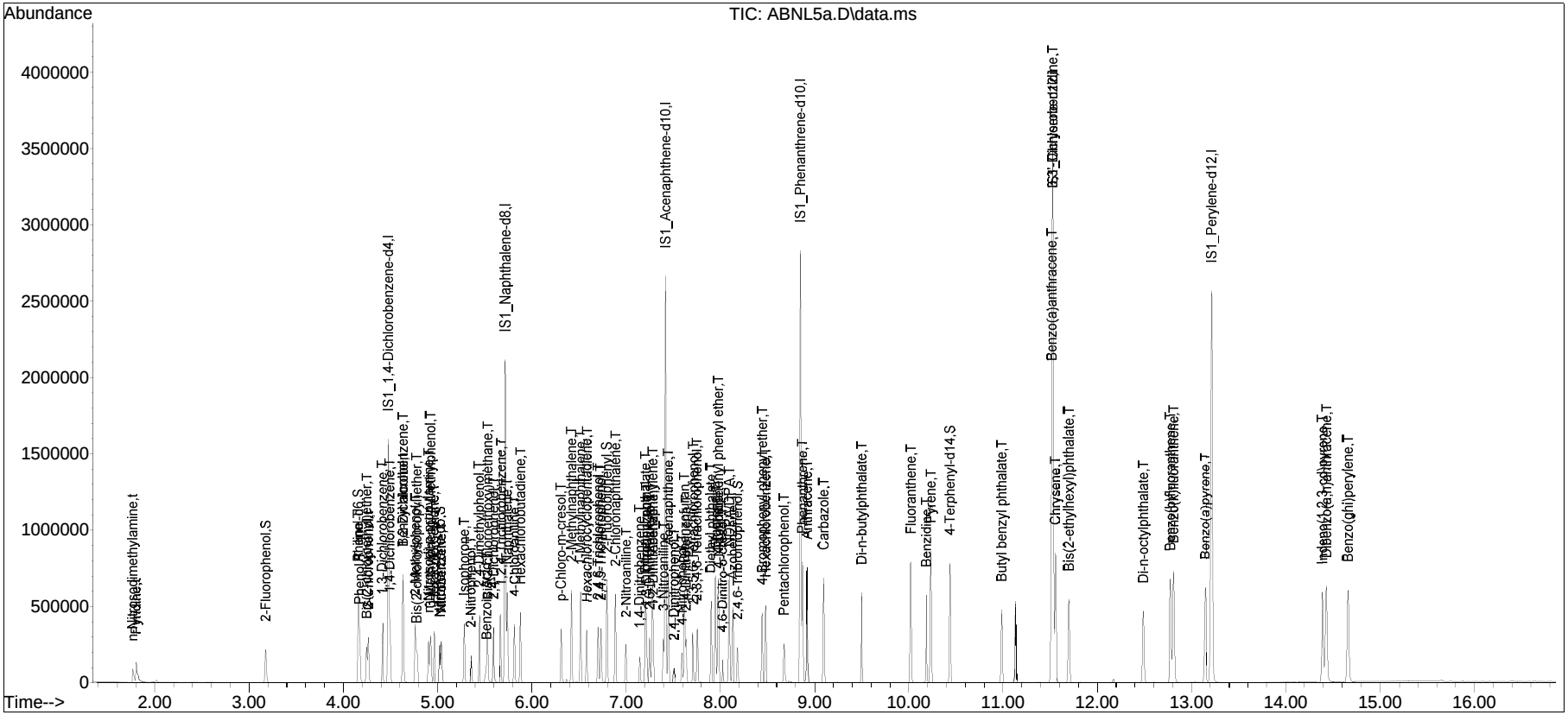
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL5a.D
Acq On : 18 Nov 2025 9:34 pm
Operator : SV103:mrg
Sample : IL6,32,,ABNL10 Lot# 12131
Misc : WG2143949
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 19 14:19:59 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublistal\ABNL7a.D•

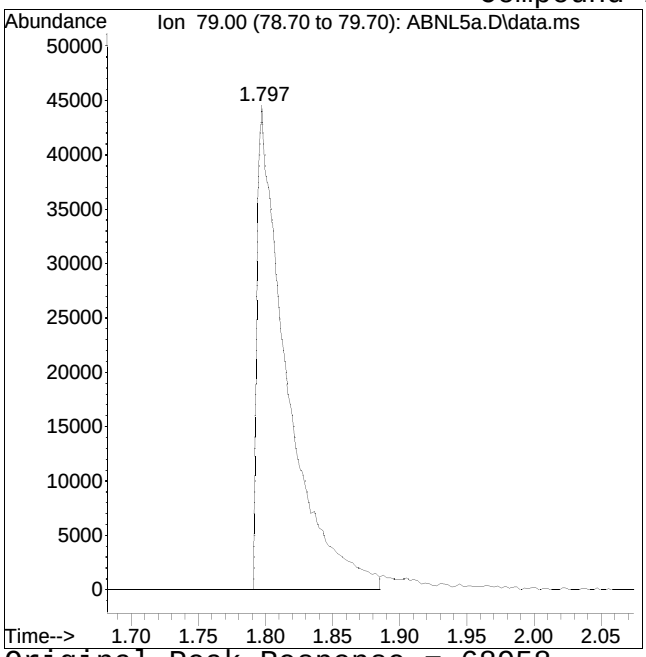


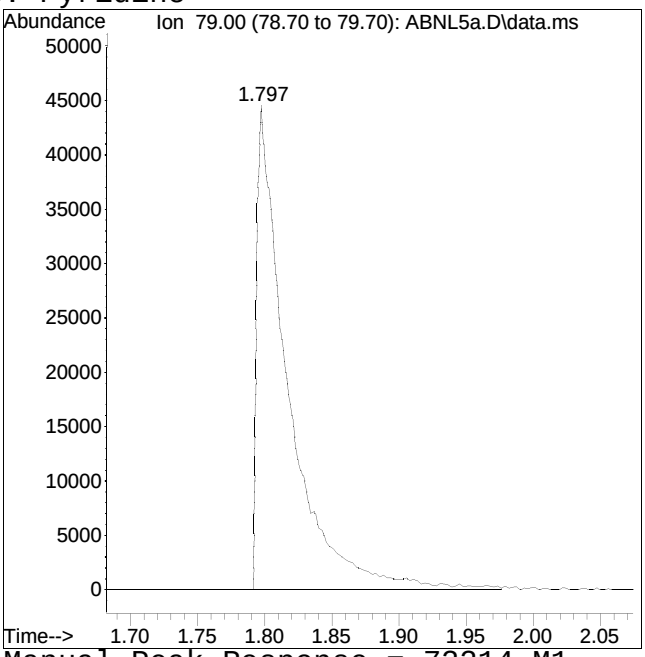
FS251116SV103.m Wed Nov 19 16:54:24 2025 Page: 4

Manual Integration Report

Data Path : I:\8270\SV103\251116ical\ QMethod : FS251116SV103.m
Data File : ABNL5a.D Operator : SV103:mrg
Date Inj'd : 11/18/2025 9:34 pm Instrument : SV103
Sample : IL6,32,,ABNL10 Lot# 12131 Quant Date : 11/19/2025 2:20 pm

Compound #3: Pyridine



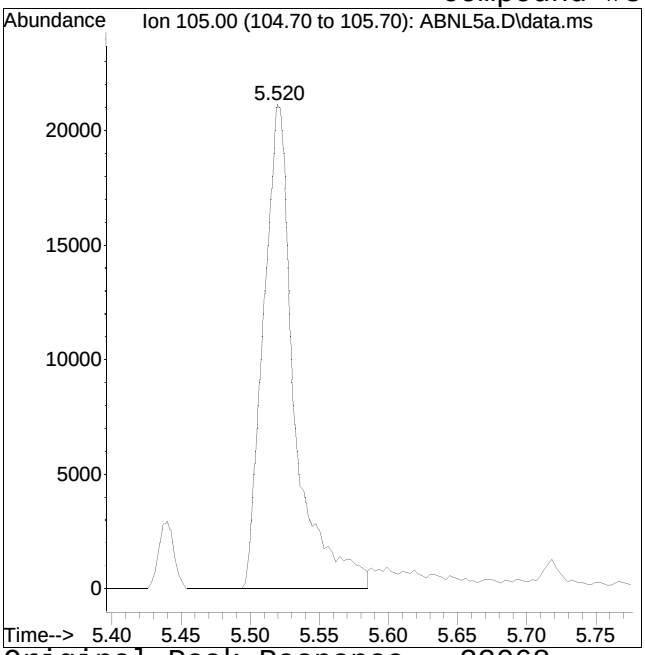


Original Peak Response = 68958 Manual Peak Response = 72214 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

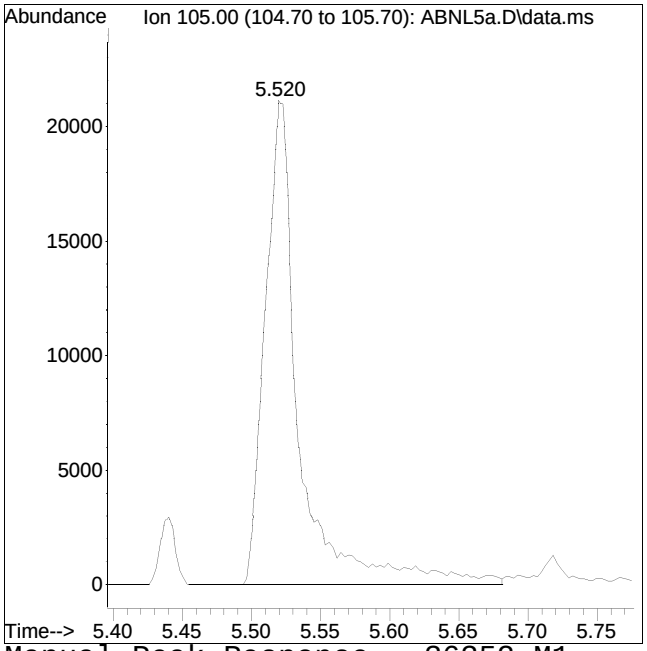
Manual Integration Report

Data Path : I:\8270\SV103\251116ical\ QMethod : FS251116SV103.m
Data File : ABNL5a.D Operator : SV103:mrg
Date Inj'd : 11/18/2025 9:34 pm Instrument : SV103
Sample : IL6,32,,ABNL10 Lot# 12131 Quant Date : 11/19/2025 2:20 pm

Compound #37: Benzoic Acid



Original Peak Response = 33068



Manual Peak Response = 36352 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL4a.D
Acq On : 18 Nov 2025 9:55 pm
Operator : SV103:mrg
Sample : IL7,32,,ABNL5 Lot# 12132
Misc : WG2143949
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 19 14:19:51 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	4.477	152	223376	40.000	ug/ml	-0.01
Standard Area 1 = 218854			Recovery = 102.07%			
35) IS1_Naphthalene-d8	5.718	136	839793	40.000	ug/ml	-0.01
Standard Area 1 = 823606			Recovery = 101.97%			
63) IS1_Acenaphthene-d10	7.420	164	484408	40.000	ug/ml	-0.02
Standard Area 1 = 470754			Recovery = 102.90%			
88) IS1_Phenanthrene-d10	8.850	188	968914	40.000	ug/ml	-0.02
Standard Area 1 = 949544			Recovery = 102.04%			
104) IS1_Chrysene-d12	11.526	240	1023409	40.000	ug/ml	-0.03
Standard Area 1 = 1012970			Recovery = 101.03%			
113) IS1_Perylene-d12	13.214	264	1126365	40.000	ug/ml	-0.03
Standard Area 1 = 1104008			Recovery = 102.03%			
System Monitoring Compounds						
4) 2-Fluorophenol	3.178	112	30513	4.730	ug/ml	-0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 9.46%#			
7) Phenol-d6	4.161	99	37195	4.723	ug/ml	-0.02
Spiked Amount 50.000	Range 15 - 110		Recovery = 9.45%#			
19) Nitrobenzene-d5	5.025	82	31389	4.773	ug/ml	-0.02
Spiked Amount 25.000	Range 30 - 130		Recovery = 19.09%#			
46) 2-Fluorobiphenyl	6.792	172	91335	5.214	ug/ml	-0.02
Spiked Amount 25.000	Range 30 - 130		Recovery = 20.86%#			
79) 2,4,6-Tribromophenol	8.182	330	11452	4.702	ug/ml	-0.02
Spiked Amount 50.000	Range 15 - 110		Recovery = 9.40%#			
96) 4-Terphenyl-d14	10.438	244	121176	5.015	ug/ml	-0.02
Spiked Amount 25.000	Range 30 - 130		Recovery = 20.06%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.774	74	20283	4.772	ug/ml#	84
3) Pyridine	1.814	79	35638M1	4.898	ug/ml	
5) Aniline	4.158	93	53682	4.877	ug/ml#	63
6) 2-Chlorophenol	4.266	128	34726	4.859	ug/ml	95
8) Phenol	4.173	94	45243	4.842	ug/ml#	51
9) Bis(2-chloroethyl)ether	4.249	93	33328	4.907	ug/ml	99
10) 1,3-Dichlorobenzene	4.417	146	43525	4.977	ug/ml	96
11) 1,4-Dichlorobenzene	4.494	146	43902	5.014	ug/ml	99
12) 1,2-Dichlorobenzene	4.636	146	41524	4.993	ug/ml	96
13) Benzyl alcohol	4.639	79	26182	4.737	ug/ml	93
14) Bis(2-chloroisopropyl)...	4.781	45	47470	5.002	ug/ml#	87

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL4a.D
Acq On : 18 Nov 2025 9:55 pm
Operator : SV103:mrg
Sample : IL7,32,,ABNL5 Lot# 12132
Misc : WG2143949
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 19 14:19:51 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	4.769	108	30574	4.885	ug/ml	99
16) Hexachloroethane	4.962	117	15133	4.882	ug/ml#	69
17) n-Nitrosodi-n-propylamine	4.906	70	23769	4.861	ug/ml	98
18) 3-Methylphenol/4-Methy...	4.926	108	32350	4.863	ug/ml	100
20) Nitrobenzene	5.042	77	33110	4.801	ug/ml	96
21) Isophorone	5.286	82	64378	4.841	ug/ml	98
22) 2-Nitrophenol	5.357	139	12854	4.103	ug/ml	91
23) 2,4-Dimethylphenol	5.440	107	34189	4.862	ug/ml	94
24) Bis(2-chloroethoxy)met...	5.531	93	43750	5.029	ug/ml	99
25) 2,4-Dichlorophenol	5.596	162	31509	4.933	ug/ml	95
26) 1,2,4-Trichlorobenzene	5.673	180	38333	5.078	ug/ml	95
36) Naphthalene	5.735	128	112672	5.155	ug/ml	100
37) Benzoic Acid	5.511	105	15617M1	3.191	ug/ml	
38) 4-Chloroaniline	5.815	65	13475	5.003	ug/ml	77
39) Hexachlorobutadiene	5.880	225	24151	5.085	ug/ml	99
40) p-Chloro-m-cresol	6.312	107	28597	4.743	ug/ml	97
41) 2-Methylnaphthalene	6.417	142	69909	5.106	ug/ml	97
42) 1-Methylnaphthalene	6.508	115	24417	5.042	ug/ml	83
43) Hexachlorocyclopentadiene	6.579	237	21261	4.467	ug/ml	95
44) 2,4,6-Trichlorophenol	6.707	196	21685	4.696	ug/ml	96
45) 2,4,5-Trichlorophenol	6.736	196	25013	4.928	ug/ml	99
47) 2-Chloronaphthalene	6.883	162	76724	5.122	ug/ml	96
48) 2-Nitroaniline	6.997	138	17117	4.164	ug/ml	89
49) 1,4-Dinitrobenzene	7.148	168	7370	3.760	ug/ml#	76
50) 1,3-Dinitrobenzene	7.216	168	8653	3.836	ug/ml	89
51) Dimethyl phthalate	7.207	163	88179	5.025	ug/ml	100
52) Acenaphthylene	7.278	152	120761	5.166	ug/ml	99
53) 2,6-Dinitrotoluene	7.250	165	14493	4.589	ug/ml	91
54) 1,2-Dinitrobenzene	7.287	168	6427	4.753	ug/ml	96
64) 3-Nitroaniline	7.398	138	17551	4.545	ug/ml	94
65) Acenaphthene	7.449	154	69018	5.093	ug/ml	96
66) 2,4-Dinitrophenol	7.508	184	4707	5.822	ug/ml	85
67) Dibenzofuran	7.619	168	115810	5.223	ug/ml	91
68) 2,4-Dinitrotoluene	7.636	165	19229	4.500	ug/ml#	79
69) 4-Nitrophenol	7.594	65	10826	3.976	ug/ml	85
70) 2,3,5,6-Tetrachlorophenol	7.710	232	18987	4.513	ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	7.753	232	20622	4.866	ug/ml	99
72) Diethyl phthalate	7.898	149	84883	4.881	ug/ml	96
73) Fluorene	7.952	166	88521	5.116	ug/ml	96
74) 4-Chlorophenyl phenyl ...	7.977	204	45543	5.178	ug/ml#	84

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL4a.D
Acq On : 18 Nov 2025 9:55 pm
Operator : SV103:mrg
Sample : IL7,32,,ABNL5 Lot# 12132
Misc : WG2143949
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 19 14:19:51 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	7.983	138	17038	4.723	ug/ml	93
76)	4,6-Dinitro-o-cresol	8.026	198	7892	3.506	ug/ml#	75
77)	NDPA/DPA	8.094	169	75914	5.149	ug/ml	99
78)	Azobenzene	8.128	77	80063	5.162	ug/ml#	91
80)	4-Bromophenyl phenyl e...	8.446	248	28148	5.041	ug/ml#	83
81)	Hexachlorobenzene	8.480	284	32848	5.075	ug/ml#	90
82)	Pentachlorophenol	8.682	266	12723	4.980	ug/ml	98
89)	Phenanthrene	8.872	178	137251	5.077	ug/ml	99
90)	Anthracene	8.921	178	136839	5.101	ug/ml	99
91)	Carbazole	9.094	167	121461	4.995	ug/ml	99
92)	Di-n-butylphthalate	9.500	149	129072	4.693	ug/ml	99
93)	Fluoranthene	10.023	202	150138	4.956	ug/ml#	96
94)	Benzidine	10.188	184	88100	4.476	ug/ml#	96
95)	Pyrene	10.233	202	164208	5.135	ug/ml	99
97)	Butyl benzyl phthalate	10.989	149	48259	3.958	ug/ml#	91
105)	Benzo(a)anthracene	11.518	228	163241	4.817	ug/ml	100
106)	3,3'-Dichlorobenzidine	11.526	252	59789	4.729	ug/ml	96
107)	Chrysene	11.555	228	162002	5.081	ug/ml	100
108)	Bis(2-ethylhexyl)phtha...	11.697	149	78640	4.310	ug/ml	100
109)	Di-n-octylphthalate	12.487	149	112503	4.934	ug/ml#	92
110)	Benzo(b)fluoranthene	12.771	252	155124	4.707	ug/ml#	95
111)	Benzo(k)fluoranthene	12.805	252	159653	4.963	ug/ml#	96
112)	Benzo(a)pyrene	13.143	252	144606	4.735	ug/ml#	94
114)	Indeno(1,2,3-cd)pyrene	14.388	276	138345	4.580	ug/mL#	94
115)	Dibenzo(a,h)anthracene	14.427	278	142817	4.700	ug/ml#	94
116)	Benzo(ghi)perylene	14.652	276	144804	4.822	ug/ml#	88

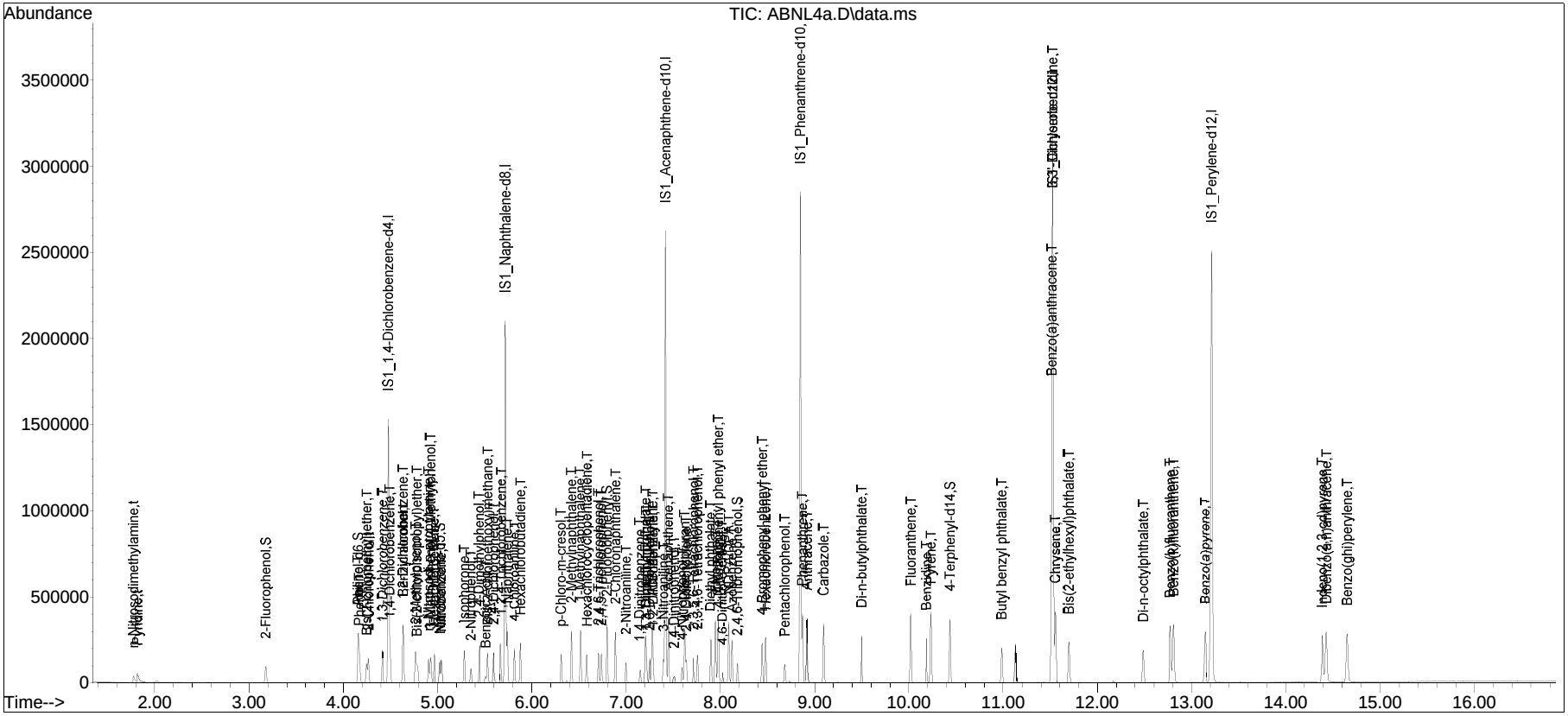
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL4a.D
Acq On : 18 Nov 2025 9:55 pm
Operator : SV103:mrg
Sample : IL7,32,,ABNL5 Lot# 12132
Misc : WG2143949
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 19 14:19:51 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

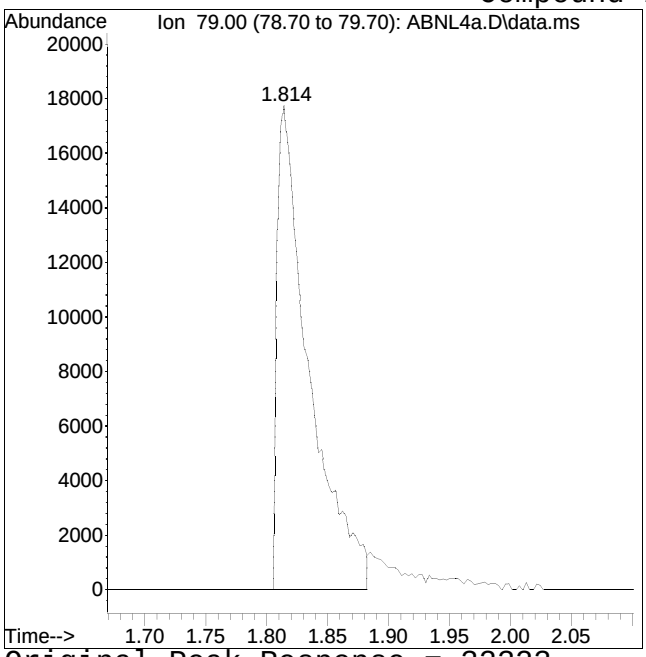
Sub List : ABNical - ABN ical sublistal\ABNL7a.D•

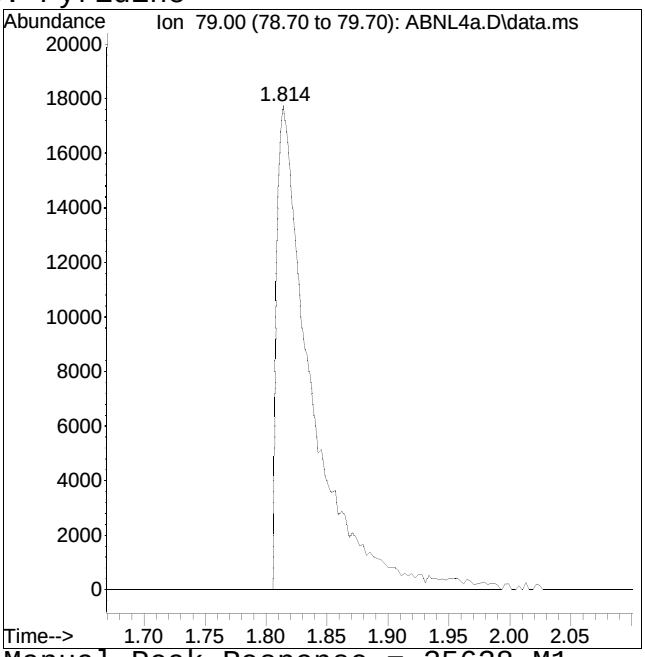


Manual Integration Report

Data Path : I:\8270\SV103\251116ical\ QMethod : FS251116SV103.m
Data File : ABNL4a.D Operator : SV103:mrg
Date Inj'd : 11/18/2025 9:55 pm Instrument : SV103
Sample : IL7,32,,ABNL5 Lot# 12132 Quant Date : 11/19/2025 2:20 pm

Compound #3: Pyridine



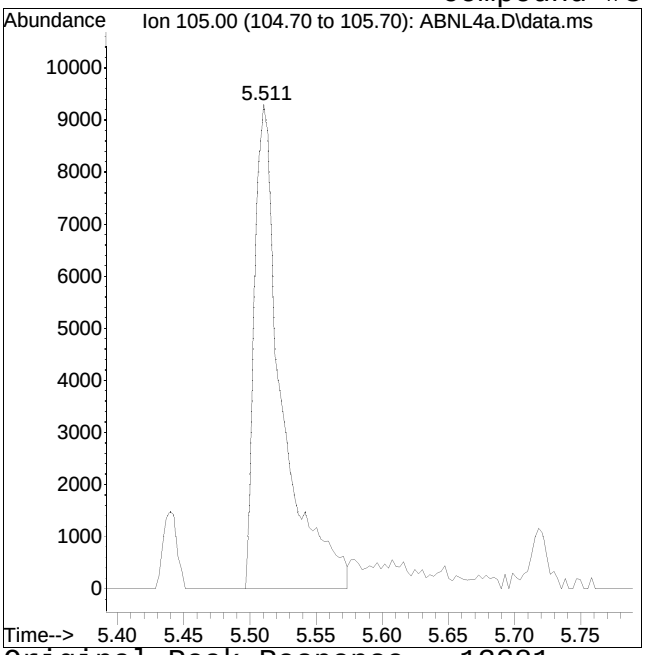


Original Peak Response = 32323 Manual Peak Response = 35638 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

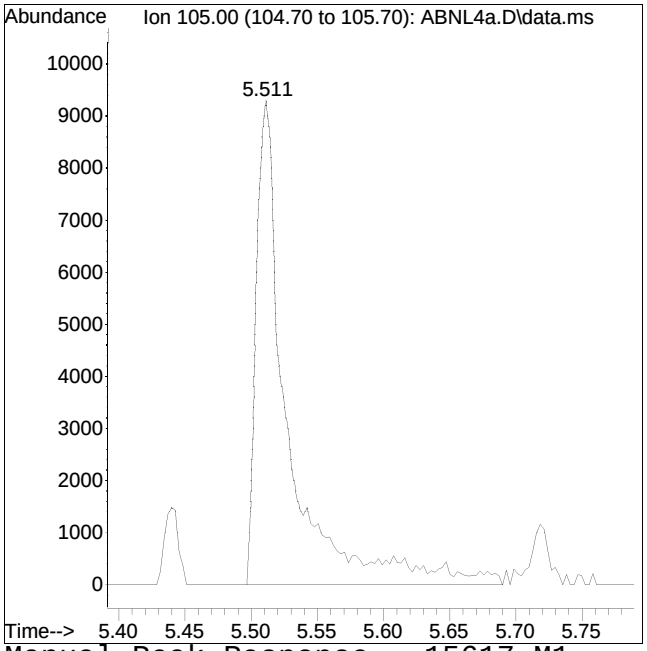
Manual Integration Report

Data Path : I:\8270\SV103\251116ical\ QMethod : FS251116SV103.m
Data File : ABNL4a.D Operator : SV103:mrg
Date Inj'd : 11/18/2025 9:55 pm Instrument : SV103
Sample : IL7,32,,ABNL5 Lot# 12132 Quant Date : 11/19/2025 2:20 pm

Compound #37: Benzoic Acid



Original Peak Response = 13381



Manual Peak Response = 15617 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL3a.D
Acq On : 18 Nov 2025 10:16 pm
Operator : SV103:mrg
Sample : IL8,32,,ABNL3 Lot# 12133
Misc : WG2143949
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 19 14:19:36 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	4.477	152	227455	40.000	ug/ml	-0.01
Standard Area 1 = 218854			Recovery = 103.93%			
35) IS1_Naphthalene-d8	5.718	136	863407	40.000	ug/ml	-0.01
Standard Area 1 = 823606			Recovery = 104.83%			
63) IS1_Acenaphthene-d10	7.420	164	490797	40.000	ug/ml	-0.02
Standard Area 1 = 470754			Recovery = 104.26%			
88) IS1_Phenanthrene-d10	8.849	188	985505	40.000	ug/ml	-0.02
Standard Area 1 = 949544			Recovery = 103.79%			
104) IS1_Chrysene-d12	11.526	240	1057381	40.000	ug/ml	-0.03
Standard Area 1 = 1012970			Recovery = 104.38%			
113) IS1_Perylene-d12	13.217	264	1189079	40.000	ug/ml	-0.03
Standard Area 1 = 1104008			Recovery = 107.71%			
System Monitoring Compounds						
4) 2-Fluorophenol	3.175	112	18888	2.876	ug/ml	-0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 5.75%#			
7) Phenol-d6	4.161	99	23172	2.890	ug/ml	-0.02
Spiked Amount 50.000	Range 15 - 110		Recovery = 5.78%#			
19) Nitrobenzene-d5	5.025	82	18968	2.832	ug/ml	-0.02
Spiked Amount 25.000	Range 30 - 130		Recovery = 11.33%#			
46) 2-Fluorobiphenyl	6.792	172	55151	3.062	ug/ml	-0.02
Spiked Amount 25.000	Range 30 - 130		Recovery = 12.25%#			
79) 2,4,6-Tribromophenol	8.182	330	6674	2.705	ug/ml	-0.02
Spiked Amount 50.000	Range 15 - 110		Recovery = 5.41%#			
96) 4-Terphenyl-d14	10.438	244	74521	3.032	ug/ml	-0.02
Spiked Amount 25.000	Range 30 - 130		Recovery = 12.13%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.771	74	12588	2.908	ug/ml#	83
3) Pyridine	1.814	79	21686M1	2.927	ug/ml	
5) Aniline	4.158	93	32989	2.944	ug/ml#	63
6) 2-Chlorophenol	4.266	128	20991	2.884	ug/ml	97
8) Phenol	4.172	94	27467	2.887	ug/ml#	50
9) Bis(2-chloroethyl)ether	4.249	93	20609	2.980	ug/ml#	82
10) 1,3-Dichlorobenzene	4.414	146	27116	3.045	ug/ml	96
11) 1,4-Dichlorobenzene	4.494	146	27153	3.045	ug/ml	96
12) 1,2-Dichlorobenzene	4.636	146	26109	3.083	ug/ml	95
13) Benzyl alcohol	4.638	79	15744	2.797	ug/ml	91
14) Bis(2-chloroisopropyl)...	4.781	45	29255	3.027	ug/ml#	87

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL3a.D
Acq On : 18 Nov 2025 10:16 pm
Operator : SV103:mrg
Sample : IL8,32,,ABNL3 Lot# 12133
Misc : WG2143949
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 19 14:19:36 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	4.769	108	18644	2.925	ug/ml	99
16) Hexachloroethane	4.962	117	9482	3.004	ug/ml#	73
17) n-Nitrosodi-n-propylamine	4.906	70	14565	2.925	ug/ml	98
18) 3-Methylphenol/4-Methy...	4.925	108	19791	2.921	ug/ml	99
20) Nitrobenzene	5.042	77	19677	2.802	ug/ml	96
21) Isophorone	5.289	82	39060	2.884	ug/ml	97
22) 2-Nitrophenol	5.357	139	7633	2.393	ug/ml	88
23) 2,4-Dimethylphenol	5.440	107	21176	2.958	ug/ml	97
24) Bis(2-chloroethoxy)met...	5.531	93	26287	2.967	ug/ml	98
25) 2,4-Dichlorophenol	5.596	162	18573	2.855	ug/ml	95
26) 1,2,4-Trichlorobenzene	5.673	180	23491	3.056	ug/ml	95
36) Naphthalene	5.735	128	69827	3.107	ug/ml	100
37) Benzoic Acid	5.505	105	7753M1	1.541	ug/ml	
38) 4-Chloroaniline	5.815	65	8106	2.927	ug/ml	77
39) Hexachlorobutadiene	5.880	225	15057	3.084	ug/ml	98
40) p-Chloro-m-cresol	6.315	107	17333	2.796	ug/ml	94
41) 2-Methylnaphthalene	6.417	142	42203	2.998	ug/ml	95
42) 1-Methylnaphthalene	6.511	115	14918	2.996	ug/ml	82
43) Hexachlorocyclopentadiene	6.579	237	12147	2.482	ug/ml	94
44) 2,4,6-Trichlorophenol	6.707	196	12421	2.616	ug/ml	99
45) 2,4,5-Trichlorophenol	6.735	196	14123	2.706	ug/ml	97
47) 2-Chloronaphthalene	6.883	162	46216	3.001	ug/ml	96
48) 2-Nitroaniline	7.000	138	9374	2.218	ug/ml	90
49) 1,4-Dinitrobenzene	7.147	168	3994	1.982	ug/ml	85
50) 1,3-Dinitrobenzene	7.218	168	4746	2.047	ug/ml	92
51) Dimethyl phthalate	7.207	163	52502	2.910	ug/ml	99
52) Acenaphthylene	7.278	152	72818	3.030	ug/ml	99
53) 2,6-Dinitrotoluene	7.250	165	7815	2.407	ug/ml	93
54) 1,2-Dinitrobenzene	7.287	168	3352	2.411	ug/ml	78
64) 3-Nitroaniline	7.400	138	9744	2.490	ug/ml	96
65) Acenaphthene	7.449	154	42752	3.114	ug/ml	97
66) 2,4-Dinitrophenol	7.511	184	2503	4.642	ug/ml#	84
67) Dibenzofuran	7.619	168	69982	3.115	ug/ml	92
68) 2,4-Dinitrotoluene	7.636	165	10600	2.448	ug/ml#	79
69) 4-Nitrophenol	7.594	65	6141	2.226	ug/ml	88
70) 2,3,5,6-Tetrachlorophenol	7.710	232	10697	2.510	ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	7.750	232	11874	2.765	ug/ml	98
72) Diethyl phthalate	7.898	149	51502	2.923	ug/ml	96
73) Fluorene	7.952	166	53561	3.055	ug/ml	97
74) 4-Chlorophenyl phenyl ...	7.977	204	27377	3.072	ug/ml#	86

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL3a.D
Acq On : 18 Nov 2025 10:16 pm
Operator : SV103:mrg
Sample : IL8,32,,ABNL3 Lot# 12133
Misc : WG2143949
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 19 14:19:36 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	7.983	138	9605	2.628	ug/ml	97
76)	4,6-Dinitro-o-cresol	8.025	198	4172	1.829	ug/ml#	76
77)	NDPA/DPA	8.094	169	45520	3.047	ug/ml	98
78)	Azobenzene	8.128	77	46327	2.948	ug/ml#	90
80)	4-Bromophenyl phenyl e...	8.446	248	17053	3.014	ug/ml#	84
81)	Hexachlorobenzene	8.480	284	20021	3.053	ug/ml#	89
82)	Pentachlorophenol	8.682	266	6547	3.450	ug/ml	97
89)	Phenanthrene	8.872	178	85601	3.113	ug/ml	99
90)	Anthracene	8.921	178	84158	3.084	ug/ml	99
91)	Carbazole	9.094	167	76167	3.079	ug/ml	99
92)	Di-n-butylphthalate	9.500	149	74819	2.675	ug/ml	99
93)	Fluoranthene	10.023	202	92540	3.003	ug/ml#	96
94)	Benzidine	10.188	184	49965	2.496	ug/ml#	95
95)	Pyrene	10.233	202	101364	3.116	ug/ml	99
97)	Butyl benzyl phthalate	10.992	149	27345	2.205	ug/ml	92
105)	Benzo(a)anthracene	11.518	228	103588	2.959	ug/ml	99
106)	3,3'-Dichlorobenzidine	11.526	252	35886	2.747	ug/ml	95
107)	Chrysene	11.555	228	101946	3.094	ug/ml	100
108)	Bis(2-ethylhexyl)phtha...	11.697	149	43203	2.292	ug/ml	100
109)	Di-n-octylphthalate	12.489	149	60775	3.520	ug/ml#	92
110)	Benzo(b)fluoranthene	12.774	252	95321	2.800	ug/ml#	96
111)	Benzo(k)fluoranthene	12.805	252	100881	3.035	ug/ml#	96
112)	Benzo(a)pyrene	13.143	252	90209	2.859	ug/ml#	95
114)	Indeno(1,2,3-cd)pyrene	14.390	276	83864	2.630	ug/mL#	94
115)	Dibenzo(a,h)anthracene	14.427	278	88676	2.764	ug/ml#	96
116)	Benzo(ghi)perylene	14.652	276	89015	2.808	ug/ml#	89

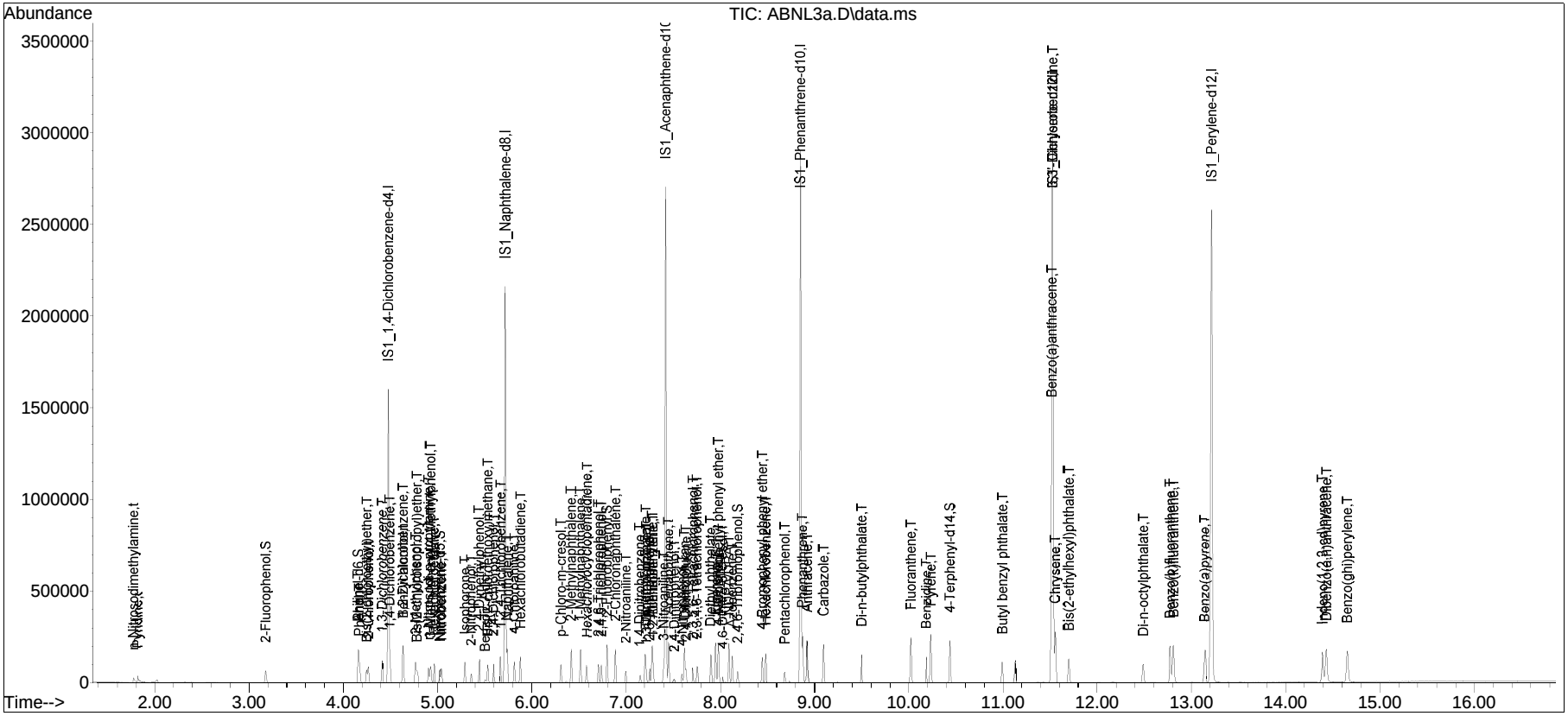
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL3a.D
Acq On : 18 Nov 2025 10:16 pm
Operator : SV103:mrg
Sample : IL8,32,,ABNL3 Lot# 12133
Misc : WG2143949
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 19 14:19:36 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

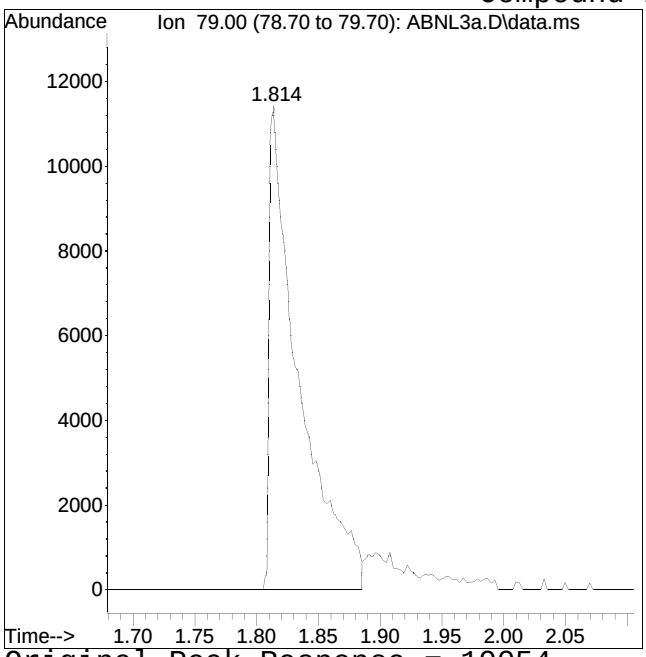
Sub List : ABNical - ABN ical sublistal\ABNL7a.D•

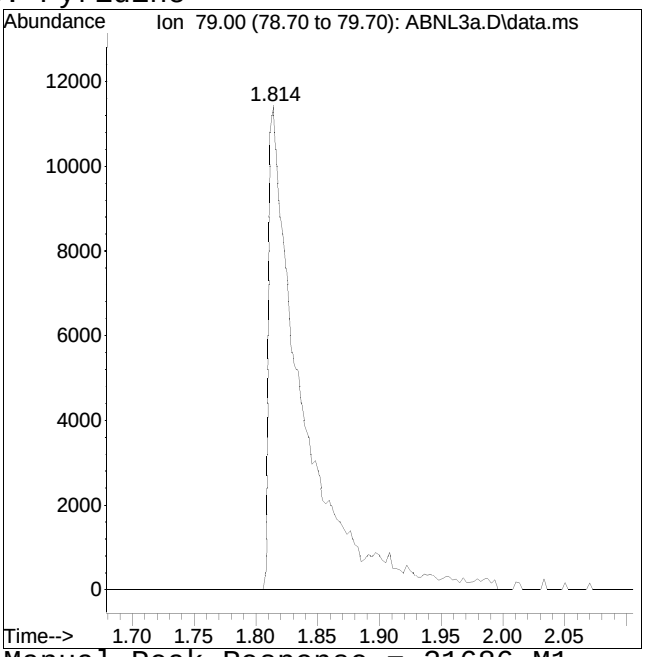


Manual Integration Report

Data Path : I:\8270\SV103\251116ical\ QMethod : FS251116SV103.m
Data File : ABNL3a.D Operator : SV103:mrg
Date Inj'd : 11/18/2025 10:16 pm Instrument : SV103
Sample : IL8,32,,ABNL3 Lot# 12133 Quant Date : 11/19/2025 2:19 pm

Compound #3: Pyridine



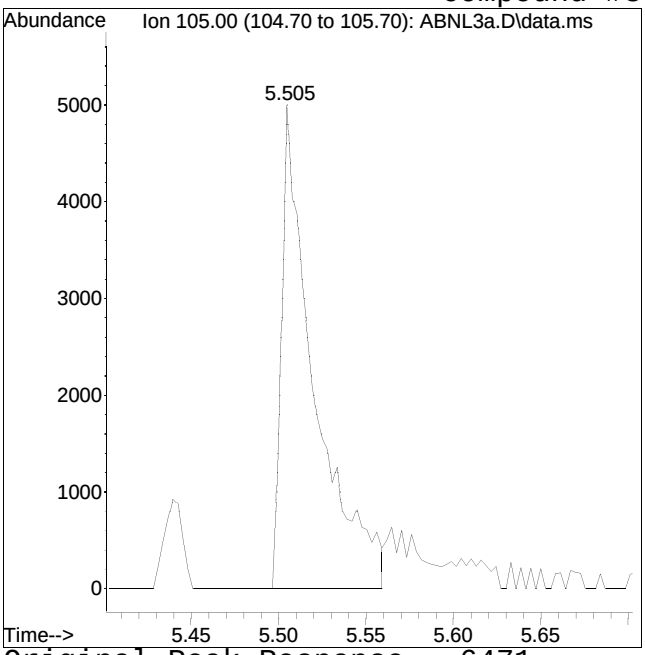


Original Peak Response = 19054 Manual Peak Response = 21686 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

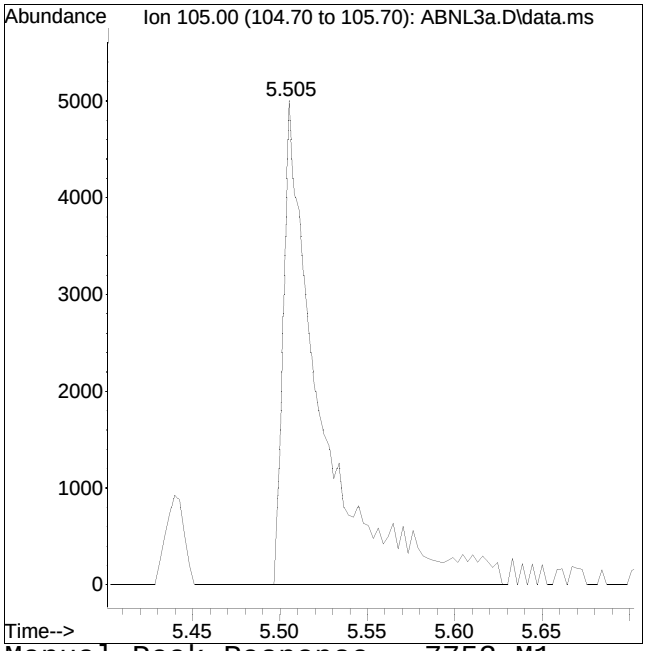
Manual Integration Report

Data Path : I:\8270\SV103\251116ical\ QMethod : FS251116SV103.m
Data File : ABNL3a.D Operator : SV103:mrg
Date Inj'd : 11/18/2025 10:16 pm Instrument : SV103
Sample : IL8,32,,ABNL3 Lot# 12133 Quant Date : 11/19/2025 2:19 pm

Compound #37: Benzoic Acid



Original Peak Response = 6471



Manual Peak Response = 7753 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL2a.D
Acq On : 18 Nov 2025 10:37 pm
Operator : SV103:mrg
Sample : IL9,32,,ABNL2 Lot# 12134
Misc : WG2143949
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 19 14:19:07 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	4.477	152	234766	40.000	ug/ml	-0.01
Standard Area 1 = 218854			Recovery = 107.27%			
35) IS1_Naphthalene-d8	5.716	136	896282	40.000	ug/ml	-0.02
Standard Area 1 = 823606			Recovery = 108.82%			
63) IS1_Acenaphthene-d10	7.420	164	526855	40.000	ug/ml	-0.02
Standard Area 1 = 470754			Recovery = 111.92%			
88) IS1_Phenanthrene-d10	8.850	188	1088066	40.000	ug/ml	-0.02
Standard Area 1 = 949544			Recovery = 114.59%			
104) IS1_Chrysene-d12	11.529	240	1119454	40.000	ug/ml	-0.03
Standard Area 1 = 1012970			Recovery = 110.51%			
113) IS1_Perylene-d12	13.217	264	1214031	40.000	ug/ml	-0.03
Standard Area 1 = 1104008			Recovery = 109.97%			
System Monitoring Compounds						
4) 2-Fluorophenol	3.178	112	12489	1.842	ug/ml	-0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 3.68%#			
7) Phenol-d6	4.161	99	15488	1.871	ug/ml	-0.02
Spiked Amount 50.000	Range 15 - 110		Recovery = 3.74%#			
19) Nitrobenzene-d5	5.025	82	12807	1.853	ug/ml	-0.02
Spiked Amount 25.000	Range 30 - 130		Recovery = 7.41%#			
46) 2-Fluorobiphenyl	6.793	172	39099	2.091	ug/ml	-0.02
Spiked Amount 25.000	Range 30 - 130		Recovery = 8.36%#			
79) 2,4,6-Tribromophenol	8.185	330	4505	1.701	ug/ml	-0.02
Spiked Amount 50.000	Range 15 - 110		Recovery = 3.40%#			
96) 4-Terphenyl-d14	10.438	244	53626	1.976	ug/ml	-0.02
Spiked Amount 25.000	Range 30 - 130		Recovery = 7.90%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.780	74	8168	1.828	ug/ml#	86
3) Pyridine	1.826	79	14554M1	1.903	ug/ml	
5) Aniline	4.161	93	22367	1.934	ug/ml#	62
6) 2-Chlorophenol	4.266	128	14522	1.933	ug/ml	95
8) Phenol	4.173	94	18635	1.897	ug/ml#	48
9) Bis(2-chloroethyl)ether	4.249	93	14131	1.980	ug/ml#	80
10) 1,3-Dichlorobenzene	4.414	146	18886	2.055	ug/ml	96
11) 1,4-Dichlorobenzene	4.494	146	18821	2.045	ug/ml	92
12) 1,2-Dichlorobenzene	4.636	146	17873	2.045	ug/ml	95
13) Benzyl alcohol	4.639	79	10894	1.875	ug/ml	94
14) Bis(2-chloroisopropyl)...	4.786	45	20621	2.067	ug/ml#	91

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL2a.D
Acq On : 18 Nov 2025 10:37 pm
Operator : SV103:mrg
Sample : IL9,32,,ABNL2 Lot# 12134
Misc : WG2143949
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 19 14:19:07 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	4.767	108	12898	1.961	ug/ml	97
16) Hexachloroethane	4.963	117	6510	1.998	ug/ml#	72
17) n-Nitrosodi-n-propylamine	4.906	70	10085	1.962	ug/ml	99
18) 3-Methylphenol/4-Methy...	4.926	108	13567	1.940	ug/ml	100
20) Nitrobenzene	5.045	77	13671	1.886	ug/ml	99
21) Isophorone	5.289	82	26807	1.918	ug/ml	97
22) 2-Nitrophenol	5.358	139	4935	1.499	ug/ml	91
23) 2,4-Dimethylphenol	5.440	107	13945	1.887	ug/ml	95
24) Bis(2-chloroethoxy)met...	5.531	93	18263	1.997	ug/ml	98
25) 2,4-Dichlorophenol	5.596	162	12544	1.868	ug/ml	95
26) 1,2,4-Trichlorobenzene	5.673	180	16487	2.078	ug/ml	97
36) Naphthalene	5.735	128	48545	2.081	ug/ml	99
37) Benzoic Acid	5.508	105	4537M1	0.869	ug/ml	
38) 4-Chloroaniline	5.815	65	5595	1.946	ug/ml	75
39) Hexachlorobutadiene	5.880	225	10589	2.089	ug/ml	98
40) p-Chloro-m-cresol	6.315	107	11389	1.770	ug/ml	93
41) 2-Methylnaphthalene	6.417	142	29663	2.030	ug/ml	96
42) 1-Methylnaphthalene	6.508	115	10571	2.045	ug/ml	85
43) Hexachlorocyclopentadiene	6.579	237	8210	1.616	ug/ml	97
44) 2,4,6-Trichlorophenol	6.704	196	8705	1.766	ug/ml	96
45) 2,4,5-Trichlorophenol	6.736	196	9635	1.778	ug/ml	97
47) 2-Chloronaphthalene	6.883	162	33018	2.065	ug/ml	95
48) 2-Nitroaniline	7.000	138	6296	1.435	ug/ml	91
49) 1,4-Dinitrobenzene	7.148	168	2688	1.285	ug/ml	79
50) 1,3-Dinitrobenzene	7.216	168	3204	1.331	ug/ml	96
51) Dimethyl phthalate	7.207	163	38683	2.065	ug/ml	99
52) Acenaphthylene	7.278	152	50722	2.033	ug/ml	99
53) 2,6-Dinitrotoluene	7.250	165	5411	1.605	ug/ml	93
54) 1,2-Dinitrobenzene	7.287	168	2395	1.659	ug/ml	80
64) 3-Nitroaniline	7.401	138	6660	1.586	ug/ml#	96
65) Acenaphthene	7.449	154	30944	2.099	ug/ml	96
66) 2,4-Dinitrophenol	7.509	184	1562	4.097	ug/ml#	81
67) Dibenzofuran	7.619	168	49945	2.071	ug/ml	92
68) 2,4-Dinitrotoluene	7.634	165	7314	1.574	ug/ml#	80
69) 4-Nitrophenol	7.594	65	4267	1.441	ug/ml	93
70) 2,3,5,6-Tetrachlorophenol	7.710	232	7648	1.671	ug/ml	95
71) 2,3,4,6-Tetrachlorophenol	7.750	232	7643	1.658	ug/ml	97
72) Diethyl phthalate	7.898	149	36869	1.949	ug/ml	97
73) Fluorene	7.952	166	38592	2.051	ug/ml	96
74) 4-Chlorophenyl phenyl ...	7.977	204	19908	2.081	ug/ml#	84

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL2a.D
Acq On : 18 Nov 2025 10:37 pm
Operator : SV103:mrg
Sample : IL9,32,,ABNL2 Lot# 12134
Misc : WG2143949
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 19 14:19:07 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	7.983	138	6607	1.684	ug/ml	96
76)	4,6-Dinitro-o-cresol	8.026	198	2995	1.223	ug/ml#	75
77)	NDPA/DPA	8.094	169	33073	2.063	ug/ml	98
78)	Azobenzene	8.125	77	33816	2.004	ug/ml#	92
80)	4-Bromophenyl phenyl e...	8.446	248	12444	2.049	ug/ml#	84
81)	Hexachlorobenzene	8.480	284	14830	2.107	ug/ml#	91
82)	Pentachlorophenol	8.682	266	4578	2.899	ug/ml	96
89)	Phenanthrene	8.872	178	63955	2.107	ug/ml	99
90)	Anthracene	8.921	178	60873	2.021	ug/ml	99
91)	Carbazole	9.094	167	54709	2.003	ug/ml	99
92)	Di-n-butylphthalate	9.500	149	53480	1.732	ug/ml	99
93)	Fluoranthene	10.023	202	66700	1.961	ug/ml#	96
94)	Benzidine	10.188	184	34061	1.541	ug/ml#	95
95)	Pyrene	10.233	202	72898	2.030	ug/ml	100
97)	Butyl benzyl phthalate	10.992	149	18202	1.329	ug/ml	92
105)	Benzo(a)anthracene	11.518	228	74124	2.000	ug/ml	100
106)	3,3'-Dichlorobenzidine	11.529	252	23919	1.730	ug/ml	96
107)	Chrysene	11.555	228	73267	2.101	ug/ml	100
108)	Bis(2-ethylhexyl)phtha...	11.697	149	28102	1.408	ug/ml	99
109)	Di-n-octylphthalate	12.487	149	38020	2.886	ug/ml#	93
110)	Benzo(b)fluoranthene	12.774	252	67165	1.863	ug/ml#	95
111)	Benzo(k)fluoranthene	12.805	252	67623	1.922	ug/ml#	94
112)	Benzo(a)pyrene	13.143	252	60184	1.801	ug/ml#	94
114)	Indeno(1,2,3-cd)pyrene	14.388	276	57852	1.777	ug/mL#	93
115)	Dibenzo(a,h)anthracene	14.427	278	59700	1.823	ug/ml#	95
116)	Benzo(ghi)perylene	14.655	276	60662	1.874	ug/ml#	89

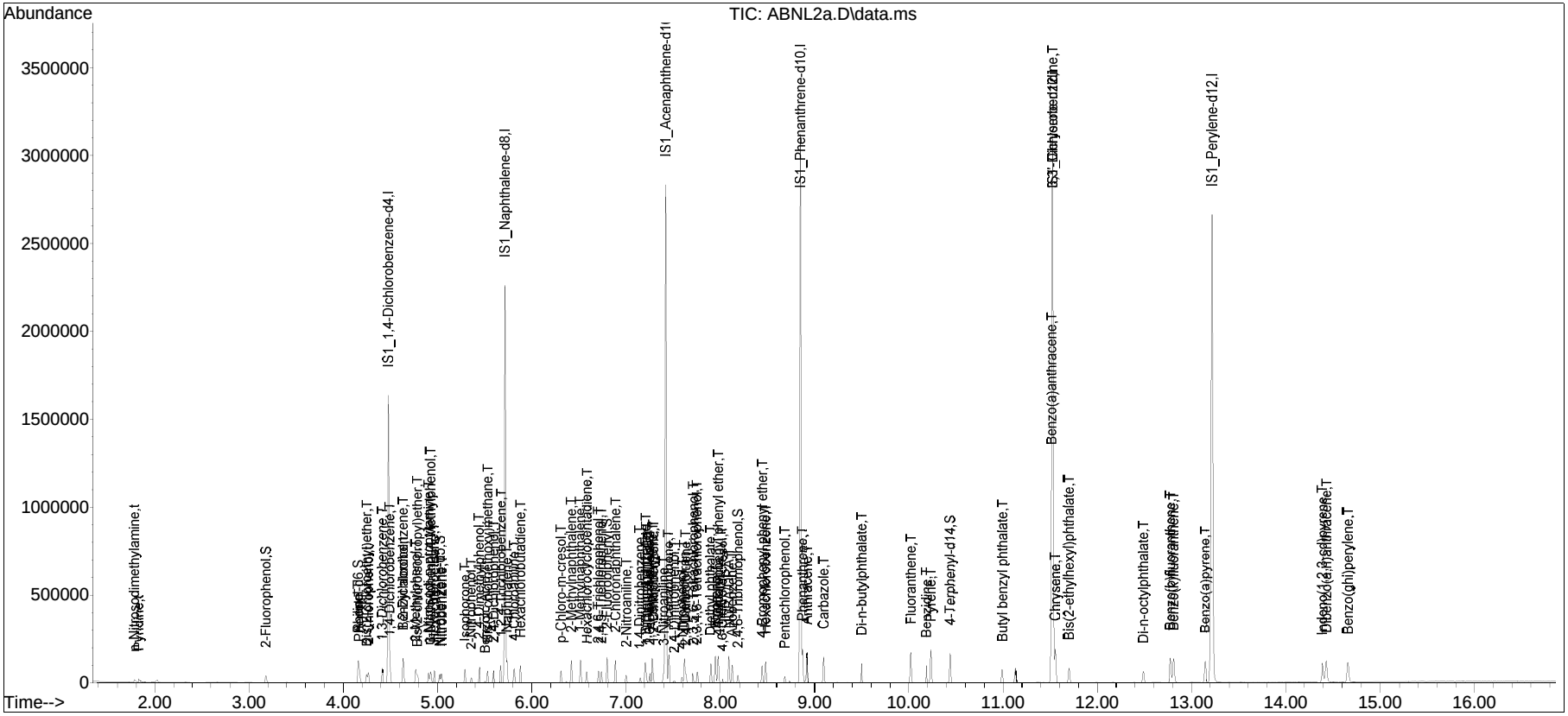
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL2a.D
Acq On : 18 Nov 2025 10:37 pm
Operator : SV103:mrg
Sample : IL9,32,,ABNL2 Lot# 12134
Misc : WG2143949
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 19 14:19:07 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

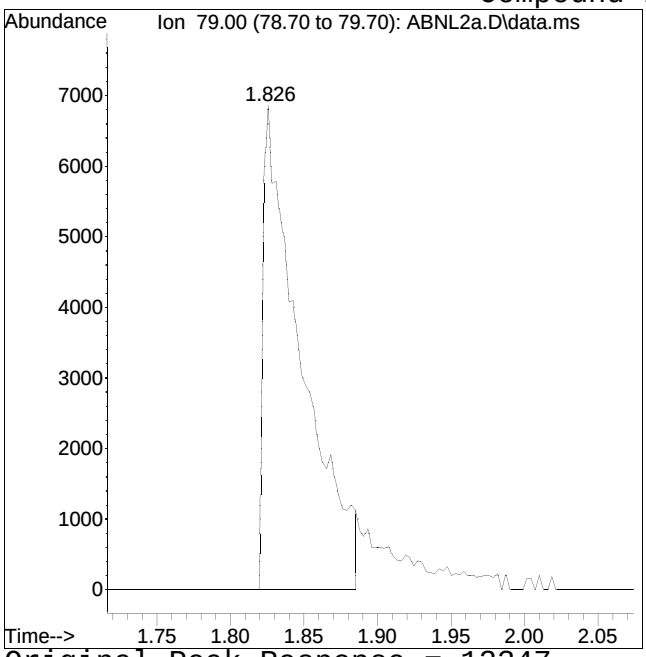
Sub List : ABNical - ABN ical sublistal\ABNL7a.D•

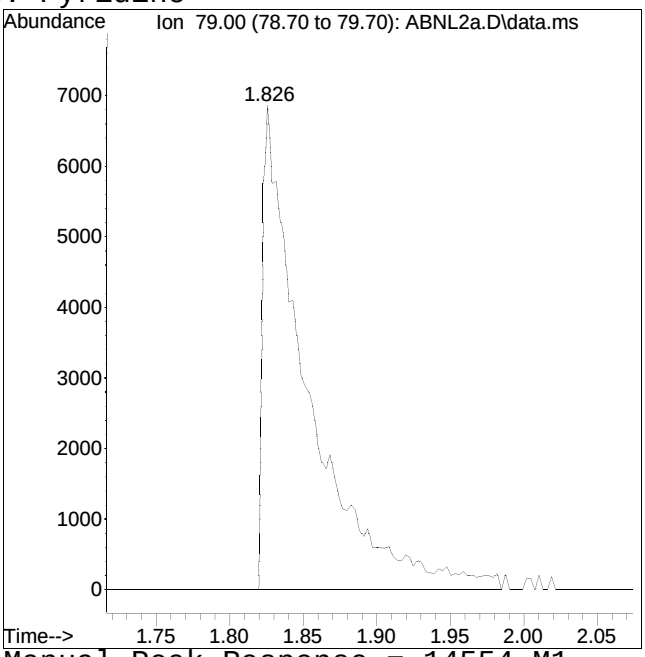


Manual Integration Report

Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: ABNL2a.D	Operator	: SV103:mrg
Date Inj'd	: 11/18/2025 10:37 pm	Instrument	: SV103
Sample	: IL9,32,,ABNL2 Lot# 12134	Quant Date	: 11/19/2025 2:19 pm

Compound #3: Pyridine





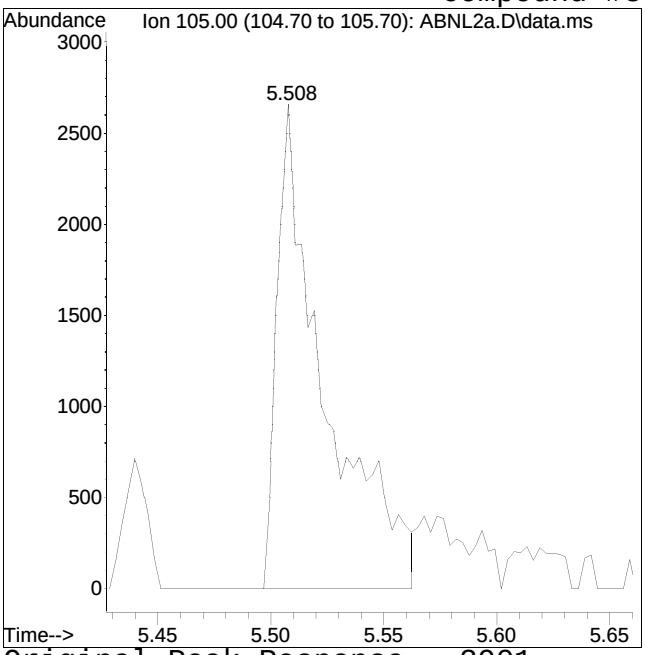
Original Peak Response = 12347 Manual Peak Response = 14554 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

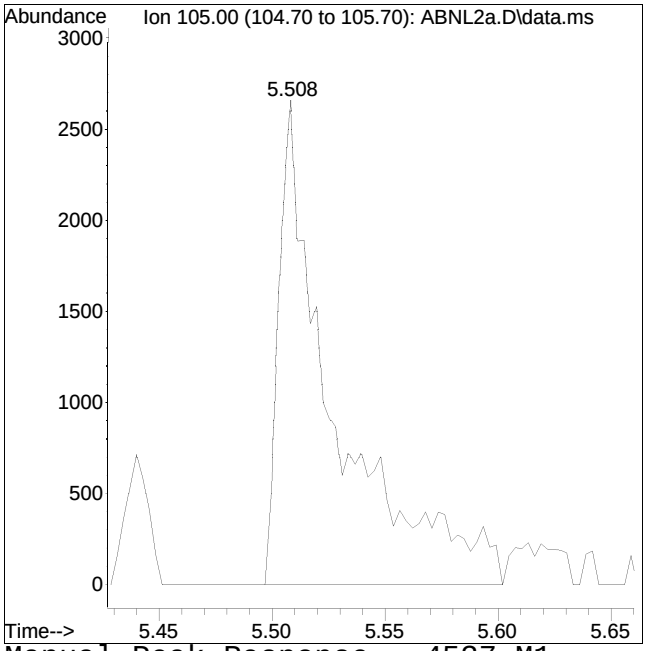
Manual Integration Report

Data Path : I:\8270\SV103\251116ical\ QMethod : FS251116SV103.m
Data File : ABNL2a.D Operator : SV103:mrg
Date Inj'd : 11/18/2025 10:37 pm Instrument : SV103
Sample : IL9,32,,ABNL2 Lot# 12134 Quant Date : 11/19/2025 2:19 pm

Compound #37: Benzoic Acid



Original Peak Response = 3901



Manual Peak Response = 4537 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL1a.D
Acq On : 18 Nov 2025 10:59 pm
Operator : SV103:mrg
Sample : IL10,32,,ABNL1 Lot# 12135
Misc : WG2143949
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 19 14:18:57 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	4.477	152	240834	40.000	ug/ml	-0.01
Standard Area 1 = 218854			Recovery = 110.04%			
35) IS1_Naphthalene-d8	5.716	136	914877	40.000	ug/ml	-0.02
Standard Area 1 = 823606			Recovery = 111.08%			
63) IS1_Acenaphthene-d10	7.420	164	531045	40.000	ug/ml	-0.02
Standard Area 1 = 470754			Recovery = 112.81%			
88) IS1_Phenanthrene-d10	8.853	188	1068719	40.000	ug/ml	-0.01
Standard Area 1 = 949544			Recovery = 112.55%			
104) IS1_Chrysene-d12	11.526	240	1112865	40.000	ug/ml	-0.03
Standard Area 1 = 1012970			Recovery = 109.86%			
113) IS1_Perylene-d12	13.214	264	1219776	40.000	ug/ml	-0.03
Standard Area 1 = 1104008			Recovery = 110.49%			
System Monitoring Compounds						
4) 2-Fluorophenol	3.175	112	6705	0.964	ug/ml	-0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 1.93%#			
7) Phenol-d6	4.161	99	8246	0.971	ug/ml	-0.02
Spiked Amount 50.000	Range 15 - 110		Recovery = 1.94%#			
19) Nitrobenzene-d5	5.025	82	6700	0.945	ug/ml	-0.02
Spiked Amount 25.000	Range 30 - 130		Recovery = 3.78%#			
46) 2-Fluorobiphenyl	6.792	172	21322	1.117	ug/ml	-0.02
Spiked Amount 25.000	Range 30 - 130		Recovery = 4.47%#			
79) 2,4,6-Tribromophenol	8.185	330	1782	0.667	ug/ml	-0.02
Spiked Amount 50.000	Range 15 - 110		Recovery = 1.33%#			
96) 4-Terphenyl-d14	10.438	244	27578	1.035	ug/ml	-0.02
Spiked Amount 25.000	Range 30 - 130		Recovery = 4.14%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.780	74	4446	0.970	ug/ml#	83
3) Pyridine	1.834	79	7272M1	0.927	ug/ml	
5) Aniline	4.161	93	11643	0.981	ug/ml#	65
6) 2-Chlorophenol	4.266	128	7470	0.969	ug/ml	96
8) Phenol	4.173	94	9738	0.967	ug/ml#	55
9) Bis(2-chloroethyl)ether	4.247	93	7658	1.046	ug/ml	99
10) 1,3-Dichlorobenzene	4.417	146	10112	1.072	ug/ml	95
11) 1,4-Dichlorobenzene	4.494	146	10122	1.072	ug/ml	91
12) 1,2-Dichlorobenzene	4.636	146	9587	1.069	ug/ml	95
13) Benzyl alcohol	4.639	79	5597	0.939	ug/ml	94
14) Bis(2-chloroisopropyl)...	4.781	45	10894	1.065	ug/ml#	87

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL1a.D
Acq On : 18 Nov 2025 10:59 pm
Operator : SV103:mrg
Sample : IL10,32,,ABNL1 Lot# 12135
Misc : WG2143949
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 19 14:18:57 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	4.769	108	6543	0.970	ug/ml	99
16) Hexachloroethane	4.963	117	3616	1.082	ug/ml#	80
17) n-Nitrosodi-n-propylamine	4.906	70	5052	0.958	ug/ml	98
18) 3-Methylphenol/4-Methy...	4.926	108	7041	0.982	ug/ml	99
20) Nitrobenzene	5.042	77	7011	0.943	ug/ml	96
21) Isophorone	5.287	82	14246	0.994	ug/ml	96
22) 2-Nitrophenol	5.358	139	2368	0.701	ug/ml	94
23) 2,4-Dimethylphenol	5.440	107	7162	0.945	ug/ml	96
24) Bis(2-chloroethoxy)met...	5.534	93	9760	1.041	ug/ml#	98
25) 2,4-Dichlorophenol	5.596	162	6411	0.931	ug/ml	93
26) 1,2,4-Trichlorobenzene	5.673	180	8908	1.095	ug/ml	96
36) Naphthalene	5.735	128	26074	1.095	ug/ml	99
37) Benzoic Acid	0.000		0	N.D.	d	
38) 4-Chloroaniline	5.815	65	2958	1.008	ug/ml	77
39) Hexachlorobutadiene	5.880	225	5518	1.067	ug/ml	97
40) p-Chloro-m-cresol	6.315	107	5738	0.874	ug/ml	92
41) 2-Methylnaphthalene	6.417	142	15535	1.042	ug/ml	95
42) 1-Methylnaphthalene	6.508	115	5530	1.048	ug/ml	82
43) Hexachlorocyclopentadiene	6.579	237	3901	0.752	ug/ml#	91
44) 2,4,6-Trichlorophenol	6.707	196	4305	0.856	ug/ml	98
45) 2,4,5-Trichlorophenol	6.736	196	4722	0.854	ug/ml	96
47) 2-Chloronaphthalene	6.883	162	17707	1.085	ug/ml	95
48) 2-Nitroaniline	6.997	138	3150	0.703	ug/ml	89
49) 1,4-Dinitrobenzene	7.148	168	1335	0.625	ug/ml	79
50) 1,3-Dinitrobenzene	7.219	168	1559	0.634	ug/ml	97
51) Dimethyl phthalate	7.207	163	19536	1.022	ug/ml	99
52) Acenaphthylene	7.278	152	25897	1.017	ug/ml	99
53) 2,6-Dinitrotoluene	7.253	165	2557	0.743	ug/ml	91
54) 1,2-Dinitrobenzene	7.287	168	1062	0.721	ug/ml#	56
64) 3-Nitroaniline	7.398	138	3190	0.754	ug/ml#	87
65) Acenaphthene	7.449	154	16275	1.095	ug/ml	94
66) 2,4-Dinitrophenol	7.509	184	568	3.613	ug/ml#	1
67) Dibenzofuran	7.622	168	26728	1.100	ug/ml	93
68) 2,4-Dinitrotoluene	7.636	165	3176	0.678	ug/ml#	79
69) 4-Nitrophenol	7.594	65	1887	0.632	ug/ml	97
70) 2,3,5,6-Tetrachlorophenol	7.710	232	3628	0.787	ug/ml	87
71) 2,3,4,6-Tetrachlorophenol	7.753	232	3615	0.778	ug/ml	99
72) Diethyl phthalate	7.898	149	19061	1.000	ug/ml	99
73) Fluorene	7.952	166	20060	1.058	ug/ml	96
74) 4-Chlorophenyl phenyl ...	7.977	204	10323	1.071	ug/ml#	85

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL1a.D
Acq On : 18 Nov 2025 10:59 pm
Operator : SV103:mrg
Sample : IL10,32,,ABNL1 Lot# 12135
Misc : WG2143949
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 19 14:18:57 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	7.983	138	2916	0.737	ug/ml	96
76)	4,6-Dinitro-o-cresol	8.026	198	1325	0.537	ug/ml#	72
77)	NDPA/DPA	8.094	169	16792	1.039	ug/ml	97
78)	Azobenzene	8.128	77	16869	0.992	ug/ml#	89
80)	4-Bromophenyl phenyl e...	8.446	248	6255	1.022	ug/ml#	86
81)	Hexachlorobenzene	8.480	284	7527	1.061	ug/ml#	89
82)	Pentachlorophenol	8.682	266	1836	2.279	ug/ml	95
89)	Phenanthrene	8.872	178	34854	1.169	ug/ml	97
90)	Anthracene	8.921	178	31864	1.077	ug/ml	99
91)	Carbazole	9.094	167	27337	1.019	ug/ml	99
92)	Di-n-butylphthalate	9.500	149	25665	0.846	ug/ml	99
93)	Fluoranthene	10.023	202	34262	1.025	ug/ml#	95
94)	Benzidine	10.188	184	15966	0.735	ug/ml#	96
95)	Pyrene	10.233	202	36589	1.037	ug/ml	99
97)	Butyl benzyl phthalate	10.989	149	8505	0.632	ug/ml	92
105)	Benzo(a)anthracene	11.518	228	39354	1.068	ug/ml	98
106)	3,3'-Dichlorobenzidine	11.529	252	11132	0.810	ug/ml#	92
107)	Chrysene	11.555	228	38224	1.102	ug/ml	99
108)	Bis(2-ethylhexyl)phtha...	11.694	149	12699	0.640	ug/ml	98
109)	Di-n-octylphthalate	12.487	149	17523	2.395	ug/ml#	92
110)	Benzo(b)fluoranthene	12.771	252	33664	0.939	ug/ml#	96
111)	Benzo(k)fluoranthene	12.805	252	33689	0.963	ug/ml#	96
112)	Benzo(a)pyrene	13.140	252	29665	0.893	ug/ml#	95
114)	Indeno(1,2,3-cd)pyrene	14.388	276	28972	0.886	ug/mL#	93
115)	Dibenzo(a,h)anthracene	14.427	278	30846	0.937	ug/ml#	95
116)	Benzo(ghi)perylene	14.652	276	31028	0.954	ug/ml#	88

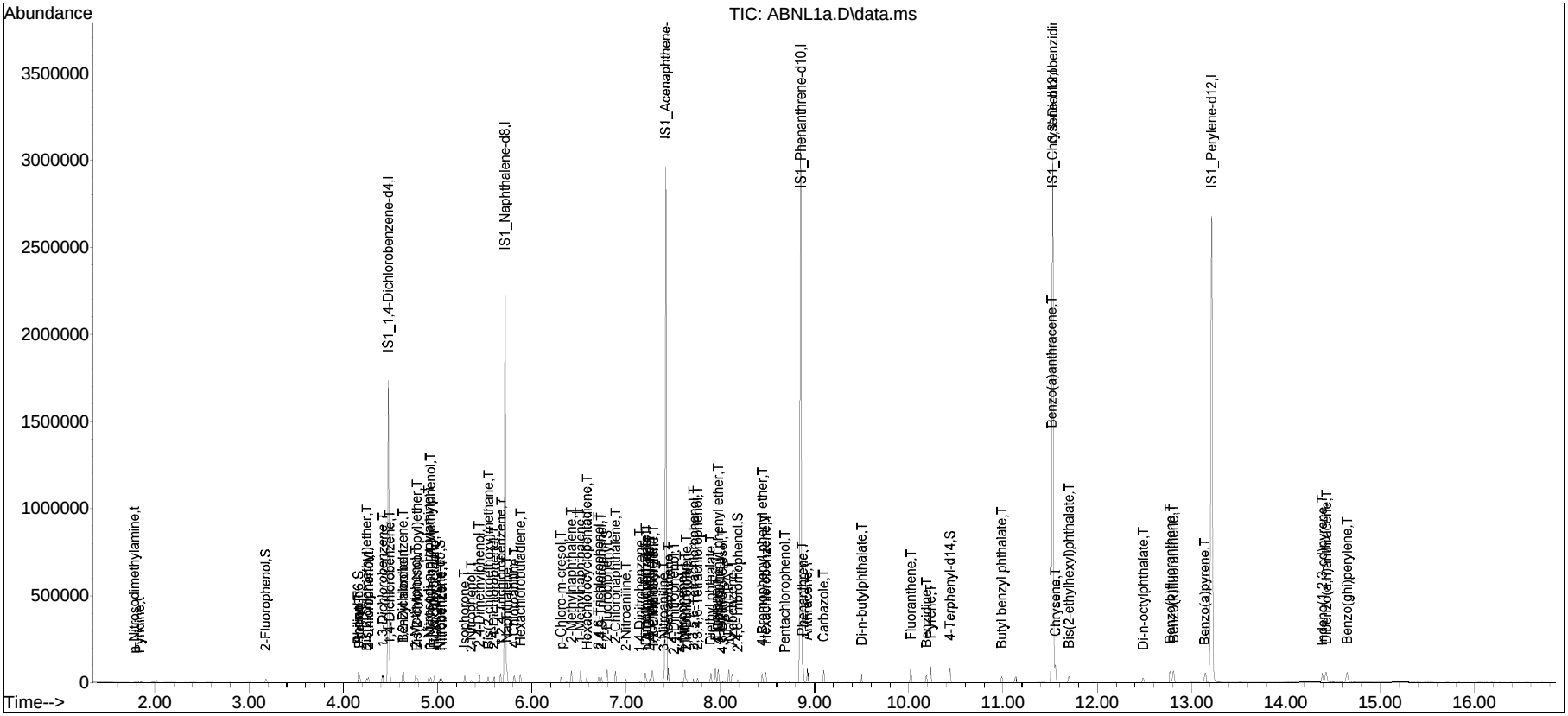
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNL1a.D
Acq On : 18 Nov 2025 10:59 pm
Operator : SV103:mrg
Sample : IL10,32,,ABNL1 Lot# 12135
Misc : WG2143949
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 19 14:18:57 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 14:17:06 2025
Response via : Initial Calibration

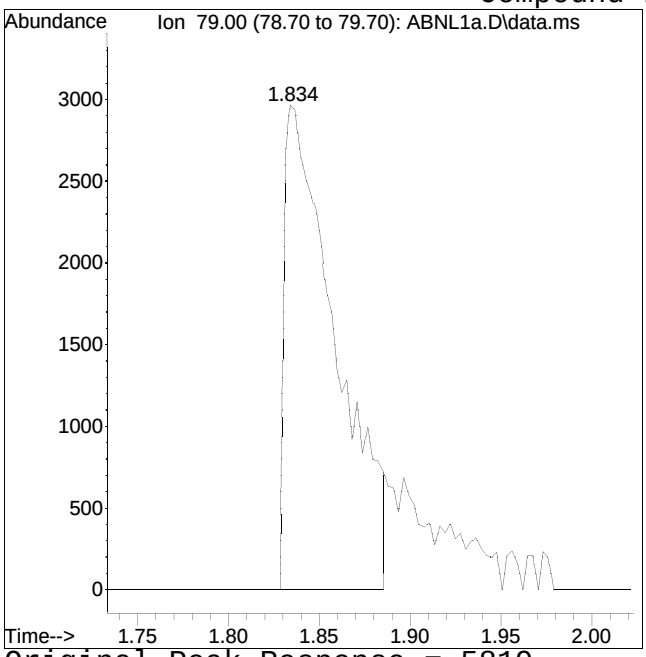
Sub List : ABNical - ABN ical sublistal\ABNL7a.D•

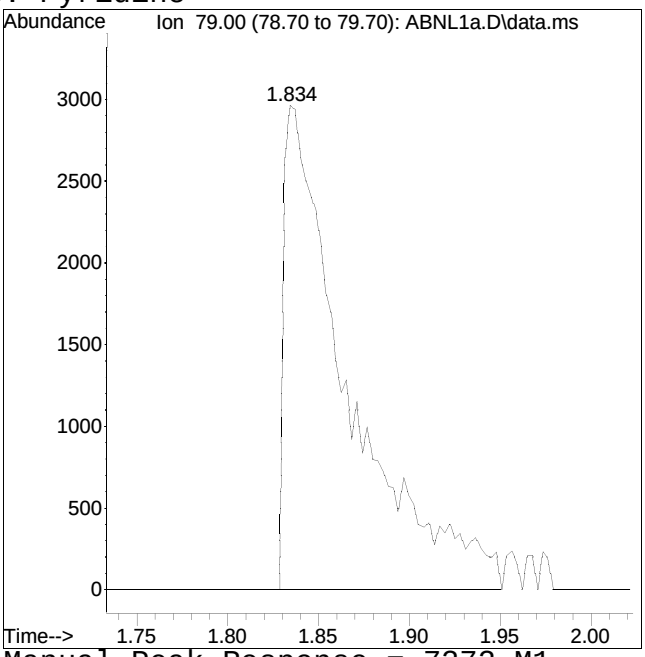


Manual Integration Report

Data Path : I:\8270\SV103\251116ical\ QMethod : FS251116SV103.m
Data File : ABNL1a.D Operator : SV103:mrg
Date Inj'd : 11/18/2025 10:59 pm Instrument : SV103
Sample : IL10,32,,ABNL1 Lot# 12135 Quant Date : 11/19/2025 2:19 pm

Compound #3: Pyridine





Original Peak Response = 5819 Manual Peak Response = 7272 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV103\251116ical\
Data File : ABNICVa.D
Acq On : 18 Nov 2025 11:20 pm
Operator : SV103:mrg
Sample : CQICV1,32,,ABNICV Lot# 12049
Misc : WG2143949
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 19 15:06:32 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 15:06:54 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	IS1_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	-0.01
2	t	n-Nitrosodimethylamine	0.761	0.765	-0.5	101	-0.01
3	t	Pyridine	1.303	1.295	0.6	100	-0.02
4	S	2-Fluorophenol	1.148	1.165	-1.5	101	-0.01
5	T	Aniline	1.971	1.972	-0.1	102	-0.01
6	t	2-Chlorophenol	1.280	1.289	-0.7	102	-0.01
7	S	Phenol-d6	1.410	1.455	-3.2	104	-0.01
8	T	Phenol	1.673	1.704	-1.9	102	-0.01
9	T	Bis(2-chloroethyl)ether	1.218	1.193	2.1	102	-0.01
10	T	1,3-Dichlorobenzene	1.566	1.535	2.0	102	-0.01
11	T	1,4-Dichlorobenzene	1.568	1.557	0.7	103	-0.01
12	T	1,2-Dichlorobenzene	1.489	1.489	0.0	104	-0.01
13	t	Benzyl alcohol	0.988	1.033	-4.6	102	-0.01
14	T	Bis(2-chloroisopropyl)ether	1.699	1.640	3.5	101	0.00
15	T	2-Methylphenol	1.121	1.170	-4.4	106	-0.01
16	T	Hexachloroethane	0.555	0.542	2.3	101	-0.01
17	T	n-Nitrosodi-n-propylamine	0.876	0.894	-2.1	102	-0.01
18	T	3-Methylphenol/4-Methylphen	1.191	1.243	-4.4	105	-0.01
19	S	Nitrobenzene-d5	1.178	1.194	-1.4	99	-0.01
20	T	Nitrobenzene	1.235	1.264	-2.3	100	-0.01
21	T	Isophorone	2.381	2.413	-1.3	102	-0.01
22	T	2-Nitrophenol	0.561	0.571	-1.8	97	-0.01
23	T	2,4-Dimethylphenol	1.259	1.296	-2.9	102	-0.01
24	T	Bis(2-chloroethoxy)methane	1.558	1.541	1.1	102	-0.01
25	T	2,4-Dichlorophenol	1.144	1.193	-4.3	102	-0.01
26	T	1,2,4-Trichlorobenzene	1.352	1.333	1.4	103	-0.01
35	I	IS1_Naphthalene-d8	1.000	1.000	0.0	102	-0.01
36	T	Naphthalene	1.041	1.020	2.0	103	-0.01
37	T	Benzoic Acid	0.233	0.219	6.0	96	-0.02
38	T	4-Chloroaniline	0.128	0.130	-1.6	102	-0.01
39	T	Hexachlorobutadiene	0.226	0.219	3.1	102	-0.01
40	T	p-Chloro-m-cresol	0.287	0.307	-7.0	103	-0.01
41	T	2-Methylnaphthalene	0.652	0.660	-1.2	104	-0.01
42	T	1-Methylnaphthalene	0.231	0.232	-0.4	104	-0.01
43	T	Hexachlorocyclopentadiene	0.227	0.242	-6.6	101	-0.01
44	T	2,4,6-Trichlorophenol	0.220	0.239	-8.6	103	-0.01
45	T	2,4,5-Trichlorophenol	0.242	0.266	-9.9	105	-0.01
46	S	2-Fluorobiphenyl	0.834	0.820	1.7	102	-0.01

Data Path : I:\8270\SV103\251116ical\
Data File : ABNICVa.D
Acq On : 18 Nov 2025 11:20 pm
Operator : SV103:mrg
Sample : CQICV1,32,,ABNICV Lot# 12049
Misc : WG2143949
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 19 15:06:32 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 15:06:54 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
47	T	2-Chloronaphthalene		0.714	0.706	1.1	103	-0.01
48	T	2-Nitroaniline		0.196	0.215	-9.7	103	-0.01
49	T	1,4-Dinitrobenzene		0.093	0.096	-3.2	99	-0.01
50	T	1,3-Dinitrobenzene		0.107	0.110	-2.8	98	-0.01
51	T	Dimethyl phthalate		0.836	0.850	-1.7	102	-0.01
52	T	Acenaphthylene		1.113	1.161	-4.3	106	-0.01
53	T	2,6-Dinitrotoluene		0.150	0.170	-13.3	101	-0.01
54	T	1,2-Dinitrobenzene		0.064	0.073	-14.1	102	-0.01
63	I	IS1_Acenaphthene-d10		1.000	1.000	0.0	103	-0.01
64	T	3-Nitroaniline		0.319	0.351	-10.0	103	-0.01
65	T	Acenaphthene		1.119	1.095	2.1	103	-0.01
66	T	2,4-Dinitrophenol	*	50.000	44.700	10.6	98	-0.01
67	T	Dibenzofuran		1.831	1.807	1.3	104	-0.01
68	T	2,4-Dinitrotoluene		0.365	0.403	-10.4	100	-0.01
69	T	4-Nitrophenol		0.225	0.243	-8.0	103	-0.01
70	T	2,3,5,6-Tetrachlorophenol		0.347	0.383	-10.4	104	-0.01
71	T	2,3,4,6-Tetrachlorophenol		0.350	0.388	-10.9	104	-0.01
72	T	Diethyl phthalate		1.436	1.473	-2.6	103	-0.01
73	T	Fluorene		1.429	1.425	0.3	103	-0.01
74	T	4-Chlorophenyl phenyl ether		0.726	0.711	2.1	102	-0.01
75	T	4-Nitroaniline		0.298	0.346	-16.1	105	-0.02
76	T	4,6-Dinitro-o-cresol		0.186	0.194	-4.3	100	-0.01
77	T	NDPA/DPA		1.217	1.229	-1.0	104	-0.01
78	T	Azobenzene		1.281	1.294	-1.0	103	-0.01
79	S	2,4,6-Tribromophenol		0.201	0.223	-10.9	102	-0.01
80	T	4-Bromophenyl phenyl ether		0.461	0.459	0.4	103	-0.01
81	T	Hexachlorobenzene		0.534	0.529	0.9	105	-0.01
82	T	Pentachlorophenol	*	50.000	48.267	3.5	103	-0.02
88	I	IS1_Phenanthrene-d10		1.000	1.000	0.0	104	-0.01
89	T	Phenanthrene		1.116	1.081	3.1	104	-0.02
90	T	Anthracene		1.107	1.104	0.3	103	-0.01
91	T	Carbazole		1.004	1.036	-3.2	106	-0.02
92	T	Di-n-butylphthalate		1.135	1.237	-9.0	102	-0.02
93	T	Fluoranthene		1.251	1.297	-3.7	104	-0.02
94	T	Benzidine		0.813	0.907	-11.6	103	-0.02
95	T	Pyrene		1.320	1.349	-2.2	104	-0.02
96	S	4-Terphenyl-d14		0.998	1.029	-3.1	104	-0.02

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV103\251116ical\
Data File : ABNICVa.D
Acq On : 18 Nov 2025 11:20 pm
Operator : SV103:mrg
Sample : CQICV1,32,,ABNICV Lot# 12049
Misc : WG2143949
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 19 15:06:32 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 15:06:54 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
97	T	Butyl benzyl phthalate	0.503	0.559	-11.1	103	-0.02
104	I	IS1_Chrysene-d12	1.000	1.000	0.0	105	-0.02
105	T	Benzo(a)anthracene	1.324	1.308	1.2	106	-0.02
106	T	3,3'-Dichlorobenzidine	0.494	0.517	-4.7	101	-0.02
107	T	Chrysene	1.246	1.204	3.4	105	-0.02
108	T	Bis(2-ethylhexyl)phthalate	0.713	0.778	-9.1	102	-0.02
109	T	Di-n-octylphthalate	* 50.000	46.576	6.8	102	-0.02
110	T	Benzo(b)fluoranthene	1.288	1.290	-0.2	105	-0.02
111	T	Benzo(k)fluoranthene	1.257	1.305	-3.8	106	-0.02
112	T	Benzo(a)pyrene	1.194	1.251	-4.8	106	-0.03
113	I	IS1_Perylene-d12	1.000	1.000	0.0	108	-0.03
114	T	Indeno(1,2,3-cd)pyrene	1.073	1.121	-4.5	105	-0.02
115	T	Dibenzo(a,h)anthracene	1.079	1.115	-3.3	106	-0.03
116	T	Benzo(ghi)perylene	1.066	1.057	0.8	103	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNICVa.D
Acq On : 18 Nov 2025 11:20 pm
Operator : SV103:mrg
Sample : CQICV1,32,,ABNICV Lot# 12049
Misc : WG2143949
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 19 15:06:32 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 15:06:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	4.477	152	225742	40.000 ug/ml	-0.01
Standard Area 1 = 218854			Recovery = 103.15%		
35) IS1_Naphthalene-d8	5.718	136	842766	40.000 ug/ml	-0.01
Standard Area 1 = 823606			Recovery = 102.33%		
63) IS1_Acenaphthene-d10	7.423	164	483704	40.000 ug/ml	-0.01
Standard Area 1 = 470754			Recovery = 102.75%		
88) IS1_Phenanthrene-d10	8.852	188	985224	40.000 ug/ml	-0.01
Standard Area 1 = 949544			Recovery = 103.76%		
104) IS1_Chrysene-d12	11.535	240	1065419	40.000 ug/ml	-0.02
Standard Area 1 = 1012970			Recovery = 105.18%		
113) IS1_Perylene-d12	13.217	264	1188231	40.000 ug/ml	-0.03
Standard Area 1 = 1104008			Recovery = 107.63%		
System Monitoring Compounds					
4) 2-Fluorophenol	3.175	112	328651	50.714 ug/ml	-0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 101.43%		
7) Phenol-d6	4.164	99	410576	51.588 ug/ml	-0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 103.18%		
19) Nitrobenzene-d5	5.028	82	337018	50.707 ug/ml	-0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 202.83%#		
46) 2-Fluorobiphenyl	6.795	172	864264	49.166 ug/ml	-0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 196.66%#		
79) 2,4,6-Tribromophenol	8.188	330	134558	55.329 ug/ml	-0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 110.66%#		
96) 4-Terphenyl-d14	10.441	244	1267184	51.572 ug/ml	-0.02
Spiked Amount 25.000	Range 30 - 130		Recovery = 206.29%#		
Target Compounds					Qvalue
2) n-Nitrosodimethylamine	1.760	74	215784	50.235 ug/ml#	84
3) Pyridine	1.786	79	365303	49.677 ug/ml	81
5) Aniline	4.158	93	556357	50.019 ug/ml	97
6) 2-Chlorophenol	4.269	128	363738	50.360 ug/ml	95
8) Phenol	4.175	94	480748	50.908 ug/ml#	100
9) Bis(2-chloroethyl)ether	4.249	93	336498	48.952 ug/ml	98
10) 1,3-Dichlorobenzene	4.417	146	433174	49.009 ug/ml	96
11) 1,4-Dichlorobenzene	4.494	146	439321	49.646 ug/ml	97
12) 1,2-Dichlorobenzene	4.636	146	420175	49.994 ug/ml	95
13) Benzyl alcohol	4.641	79	291455	52.280 ug/ml	95
14) Bis(2-chloroisopropyl)...	4.786	45	462837	48.257 ug/ml#	84

Data Path : I:\8270\SV103\251116ical\
Data File : ABNICVa.D
Acq On : 18 Nov 2025 11:20 pm
Operator : SV103:mrg
Sample : CQICV1,32,,ABNICV Lot# 12049
Misc : WG2143949
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 19 15:06:32 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 15:06:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	4.769	108	330041	52.180	ug/ml	99
16) Hexachloroethane	4.962	117	152885	48.809	ug/ml#	69
17) n-Nitrosodi-n-propylamine	4.911	70	252296	51.053	ug/ml	98
18) 3-Methylphenol/4-Methy...	4.931	108	350805	52.177	ug/ml	99
20) Nitrobenzene	5.045	77	356710	51.180	ug/ml	96
21) Isophorone	5.292	82	680855	50.659	ug/ml	97
22) 2-Nitrophenol	5.357	139	161100	50.888	ug/ml	89
23) 2,4-Dimethylphenol	5.443	107	365711	51.465	ug/ml	94
24) Bis(2-chloroethoxy)met...	5.536	93	434764	49.449	ug/ml	99
25) 2,4-Dichlorophenol	5.599	162	336629	52.146	ug/ml	95
26) 1,2,4-Trichlorobenzene	5.676	180	376014	49.293	ug/ml	96
36) Naphthalene	5.738	128	1074935	49.006	ug/ml	100
37) Benzoic Acid	5.573	105	231133	47.062	ug/ml	96
38) 4-Chloroaniline	5.815	65	136758	50.594	ug/ml	75
39) Hexachlorobutadiene	5.883	225	230923	48.452	ug/ml	99
40) p-Chloro-m-cresol	6.315	107	323300	53.433	ug/ml	94
41) 2-Methylnaphthalene	6.420	142	695415	50.616	ug/ml	97
42) 1-Methylnaphthalene	6.511	115	243961	50.197	ug/ml	84
43) Hexachlorocyclopentadiene	6.579	237	254788	53.341	ug/ml	95
44) 2,4,6-Trichlorophenol	6.707	196	251403	54.252	ug/ml	96
45) 2,4,5-Trichlorophenol	6.736	196	280730	55.108	ug/ml	98
47) 2-Chloronaphthalene	6.886	162	743767	49.476	ug/ml	96
48) 2-Nitroaniline	7.003	138	226086	54.802	ug/ml	87
49) 1,4-Dinitrobenzene	7.153	168	101313	51.505	ug/ml	76
50) 1,3-Dinitrobenzene	7.221	168	116269	51.364	ug/ml	81
51) Dimethyl phthalate	7.216	163	895131	50.828	ug/ml	100
52) Acenaphthylene	7.281	152	1223033	52.137	ug/ml	99
53) 2,6-Dinitrotoluene	7.258	165	179534	56.652	ug/ml	86
54) 1,2-Dinitrobenzene	7.298	168	77331	56.984	ug/ml	89
64) 3-Nitroaniline	7.406	138	212398	55.081	ug/ml	92
65) Acenaphthene	7.454	154	662132	48.931	ug/ml	95
66) 2,4-Dinitrophenol	7.511	184	78311	44.700	ug/ml#	85
67) Dibenzofuran	7.625	168	1092552	49.347	ug/ml	91
68) 2,4-Dinitrotoluene	7.642	165	243897	55.190	ug/ml#	73
69) 4-Nitrophenol	7.599	65	146760	53.972	ug/ml#	85
70) 2,3,5,6-Tetrachlorophenol	7.713	232	231390	55.081	ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	7.753	232	234392	55.387	ug/ml	99
72) Diethyl phthalate	7.906	149	890507	51.281	ug/ml	97
73) Fluorene	7.955	166	861517	49.862	ug/ml	97
74) 4-Chlorophenyl phenyl ...	7.980	204	430091	48.970	ug/ml#	86

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNICVa.D
Acq On : 18 Nov 2025 11:20 pm
Operator : SV103:mrg
Sample : CQICV1,32,,ABNICV Lot# 12049
Misc : WG2143949
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 19 15:06:32 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 15:06:54 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\251116ical\ABNL7a.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	7.994	138	209183	58.066	ug/ml	87
76)	4,6-Dinitro-o-cresol	8.034	198	117231	52.150	ug/ml#	72
77)	NDPA/DPA	8.099	169	743382	50.495	ug/ml	98
78)	Azobenzene	8.131	77	782671	50.531	ug/ml#	91
80)	4-Bromophenyl phenyl e...	8.449	248	277790	49.822	ug/ml#	83
81)	Hexachlorobenzene	8.483	284	319839	49.490	ug/ml#	89
82)	Pentachlorophenol	8.682	266	189482	48.267	ug/ml	98
89)	Phenanthrene	8.875	178	1331764	48.448	ug/ml	99
90)	Anthracene	8.926	178	1360040	49.858	ug/ml	99
91)	Carbazole	9.097	167	1275873	51.598	ug/ml	99
92)	Di-n-butylphthalate	9.503	149	1522951	54.462	ug/ml	99
93)	Fluoranthene	10.026	202	1597610	51.865	ug/ml#	97
94)	Benzidine	10.191	184	1116990	55.808	ug/ml	97
95)	Pyrene	10.239	202	1661161	51.084	ug/ml	99
97)	Butyl benzyl phthalate	10.992	149	688166	55.502	ug/ml	89
105)	Benzo(a)anthracene	11.523	228	1741303	49.360	ug/ml	99
106)	3,3'-Dichlorobenzidine	11.532	252	688438	52.308	ug/ml#	95
107)	Chrysene	11.563	228	1603284	48.298	ug/ml	100
108)	Bis(2-ethylhexyl)phtha...	11.697	149	1036586	54.570	ug/ml	100
109)	Di-n-octylphthalate	12.489	149	1762442	46.576	ug/ml#	90
110)	Benzo(b)fluoranthene	12.782	252	1717616	50.066	ug/ml#	96
111)	Benzo(k)fluoranthene	12.816	252	1738131	51.903	ug/ml#	96
112)	Benzo(a)pyrene	13.152	252	1665999	52.396	ug/ml#	95
114)	Indeno(1,2,3-cd)pyrene	14.402	276	1665404	52.261	ug/mL	94
115)	Dibenzo(a,h)anthracene	14.439	278	1656835	51.685	ug/ml#	95
116)	Benzo(ghi)perylene	14.669	276	1570572	49.575	ug/ml#	90

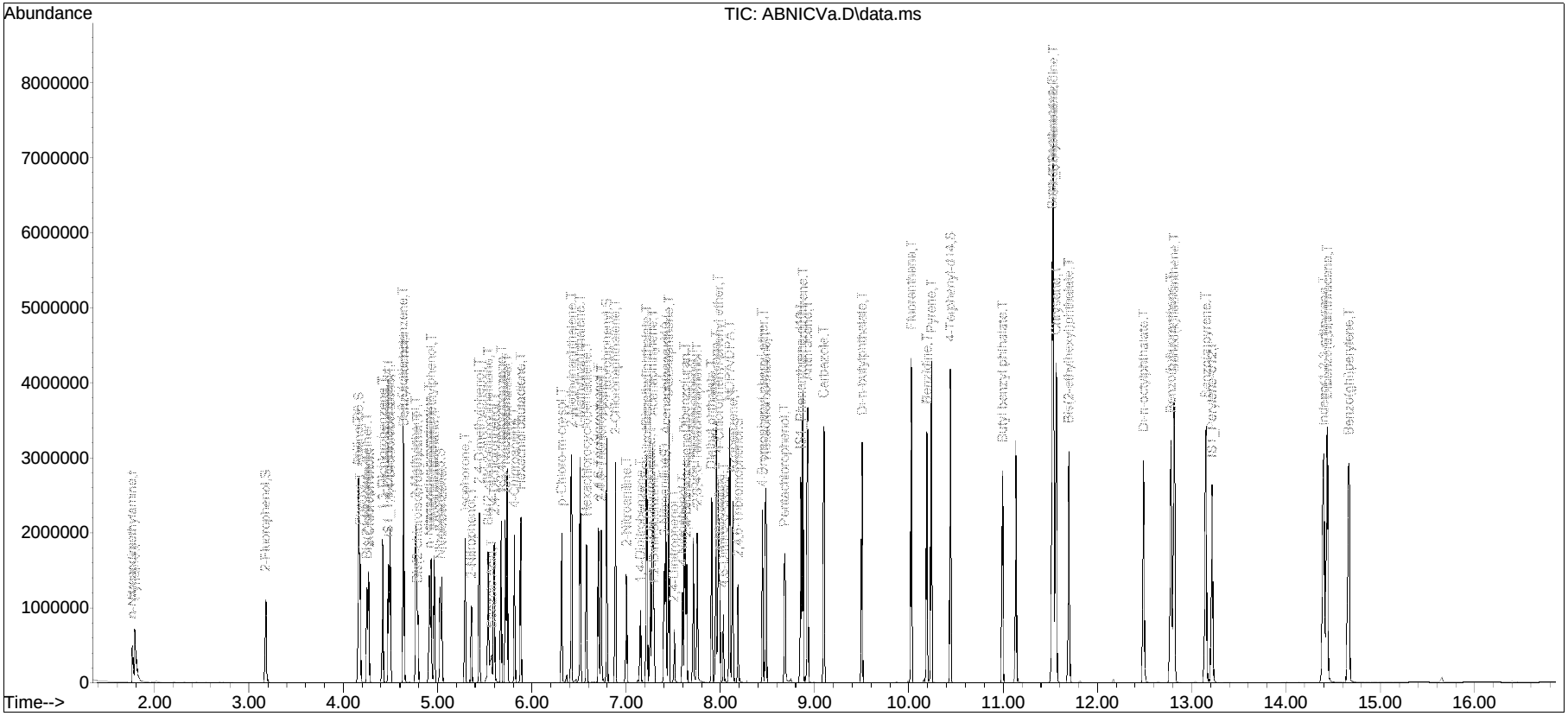
(#) = qualifier out of range (m) = manual integration (+) = signals summed

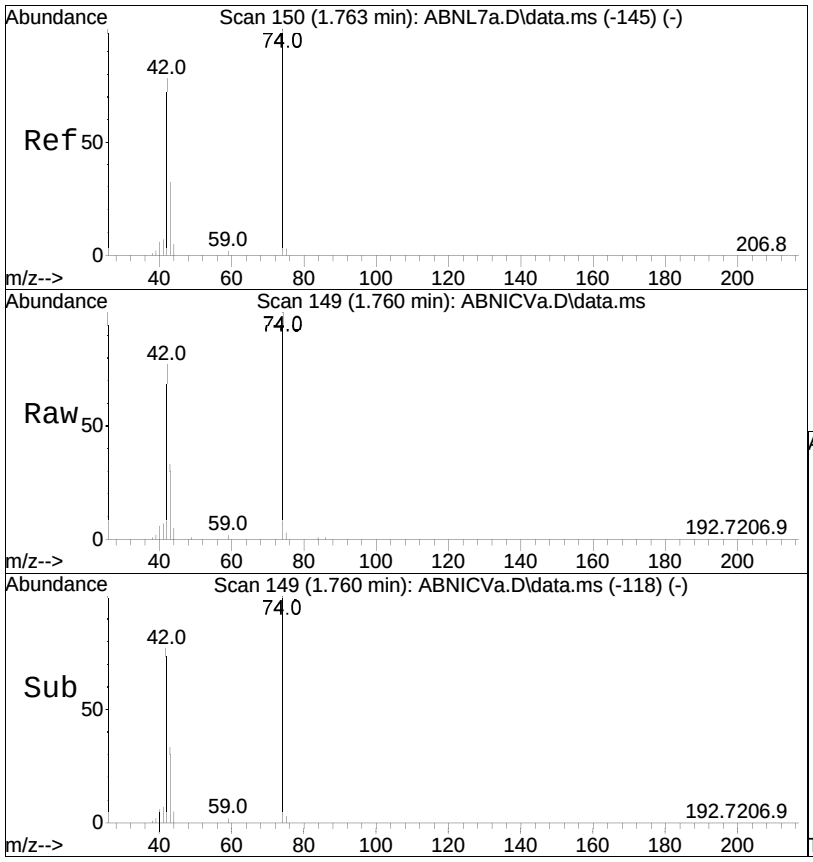
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\251116ical\
Data File : ABNICVa.D
Acq On : 18 Nov 2025 11:20 pm
Operator : SV103:mrg
Sample : CQICV1,32,,ABNICV Lot# 12049
Misc : WG2143949
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 19 15:06:32 2025
Quant Method : I:\8270\SV103\251116ical\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Nov 19 15:06:54 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublistal\ABNL7a.D•

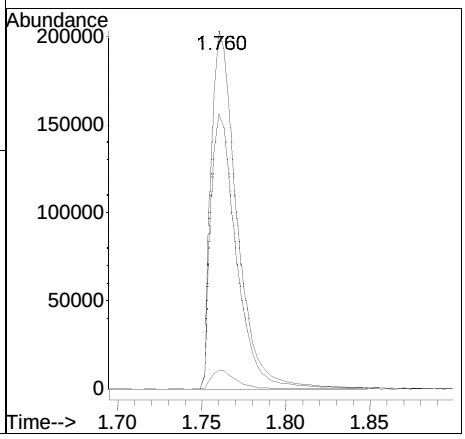


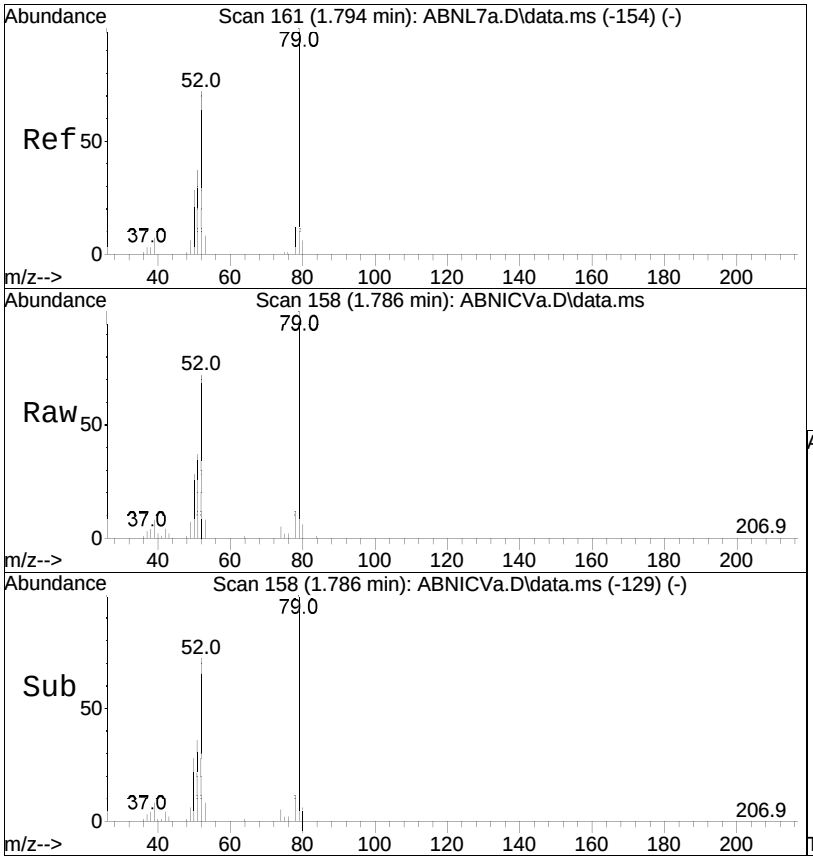


#2
n-Nitrosodimethylamine
Concen: 50.24 ug/ml
RT: 1.760 min Scan# 149
Delta R.T. -0.012 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion: 74 Resp: 215784

Ion	Ratio	Lower	Upper
74	100		
42	76.5	74.5	111.7
44	5.1	5.5	8.3#

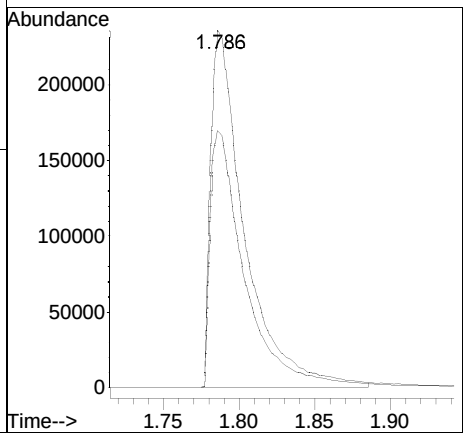


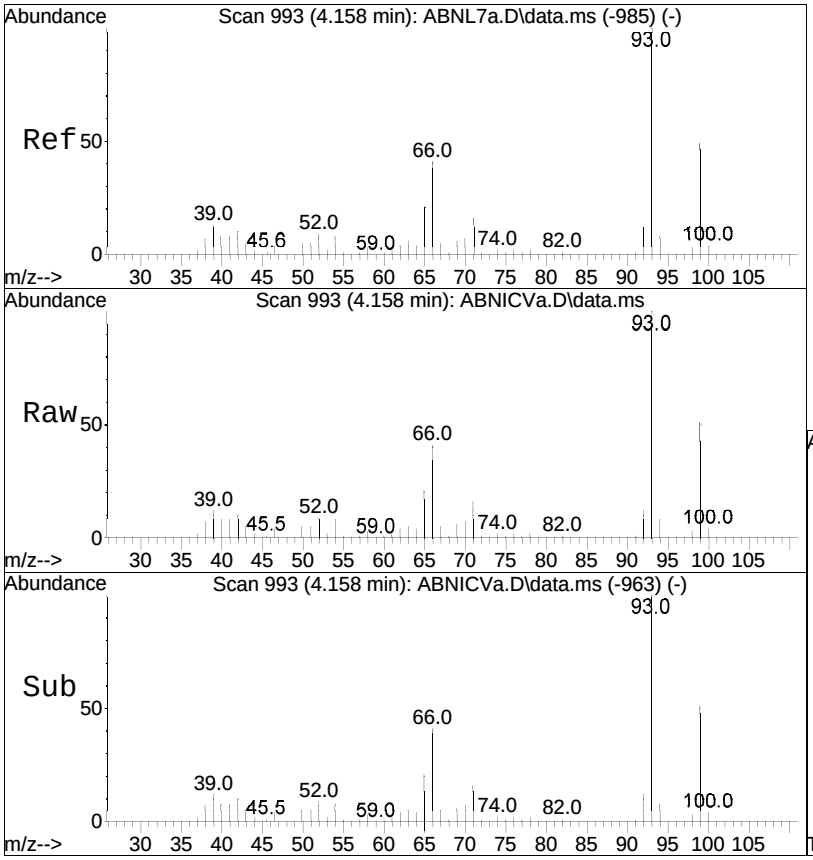


#3
Pyridine
Concen: 49.68 ug/ml
RT: 1.786 min Scan# 158
Delta R.T. -0.017 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion: 79 Resp: 365303

Ion	Ratio	Lower	Upper
79	100		
52	72.9	72.9	109.3

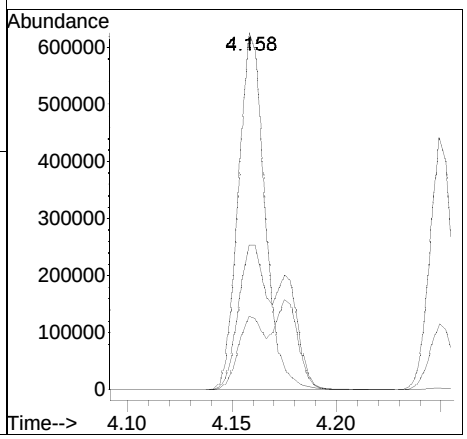


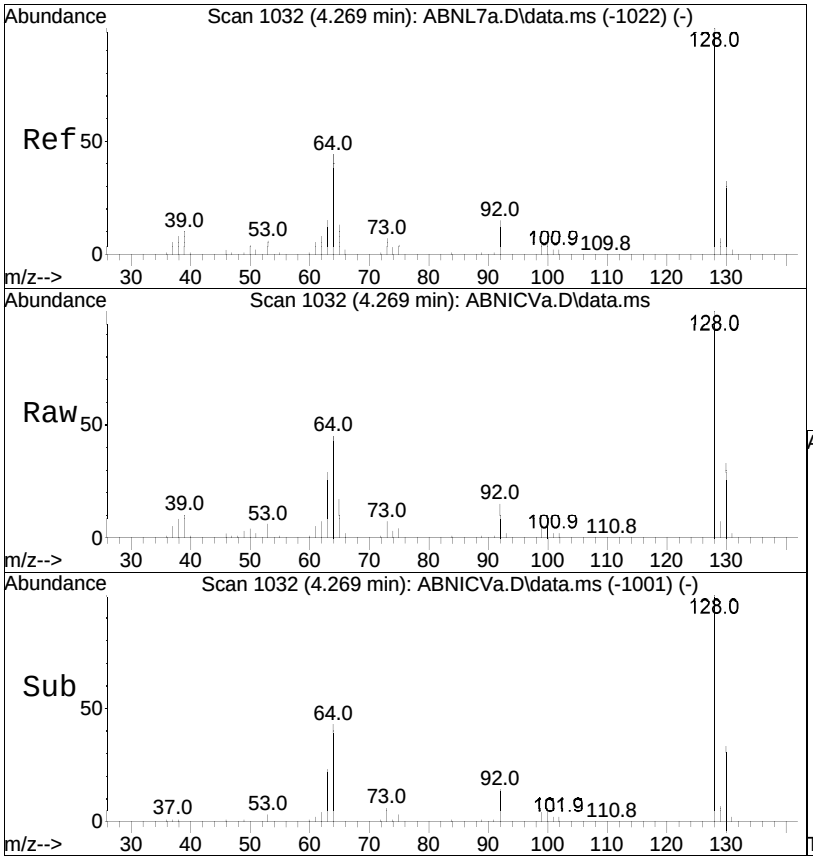


#5
Aniline
Concen: 50.02 ug/ml
RT: 4.158 min Scan# 993
Delta R.T. -0.015 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion: 93 Resp: 556357

Ion	Ratio	Lower	Upper
93	100		
66	44.2	37.3	55.9
65	20.3	16.7	25.1

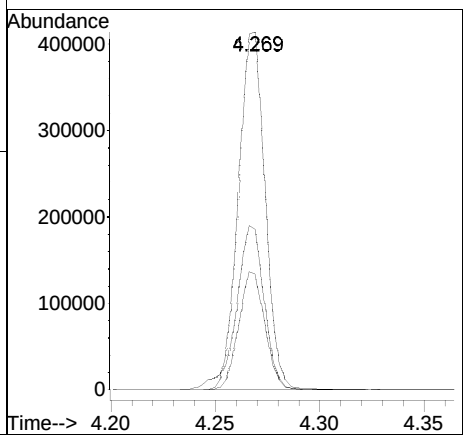


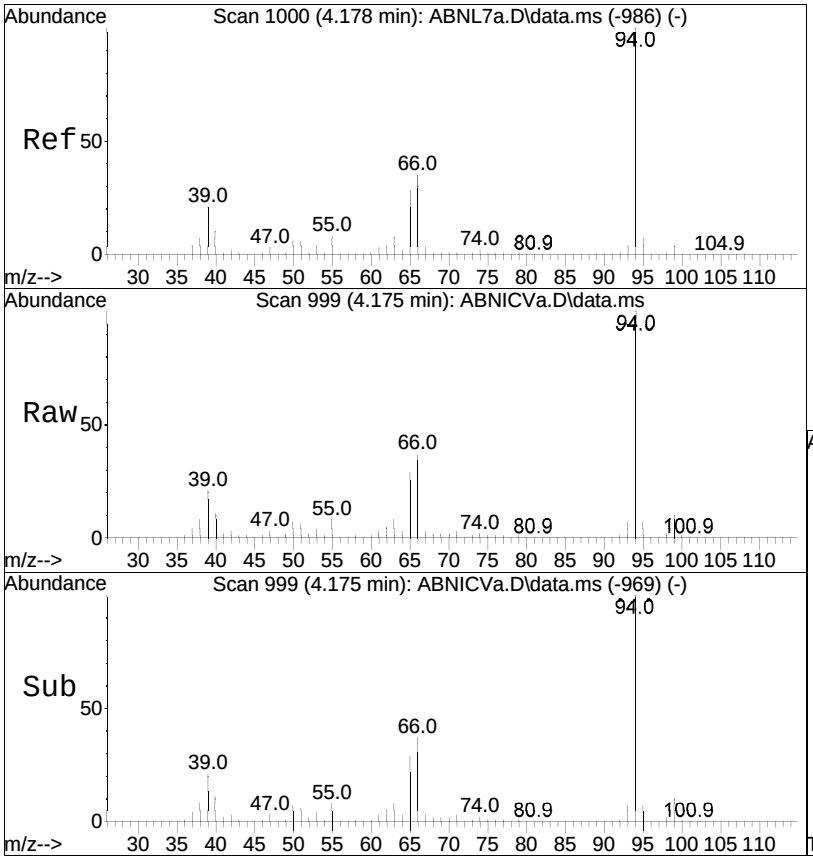


#6
2-Chlorophenol
Concen: 50.36 ug/ml
RT: 4.269 min Scan# 1032
Delta R.T. -0.012 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:128 Resp: 363738

Ion	Ratio	Lower	Upper
128	100		
64	48.4	42.7	64.1
130	32.7	25.8	38.6

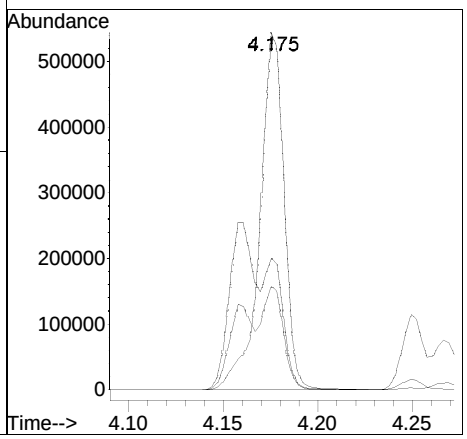


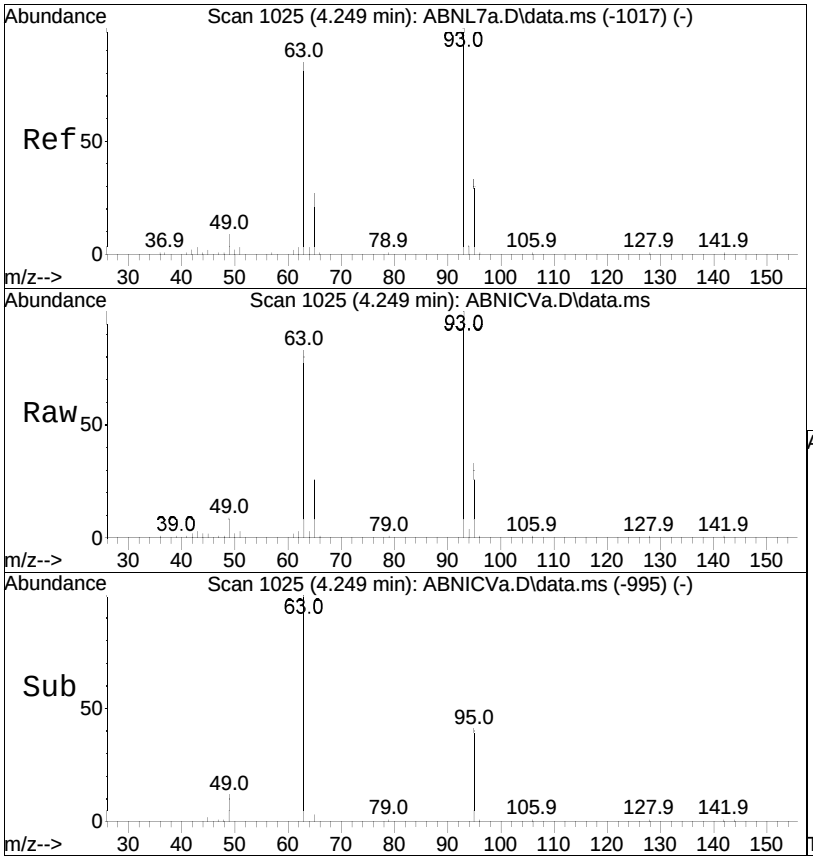


#8
Phenol
Concen: 50.91 ug/ml
RT: 4.175 min Scan# 999
Delta R.T. -0.015 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion: 94 Resp: 480748

Ion	Ratio	Lower	Upper
94	100		
65	25.7	20.5	30.7
66	28.5	0.0	0.0#

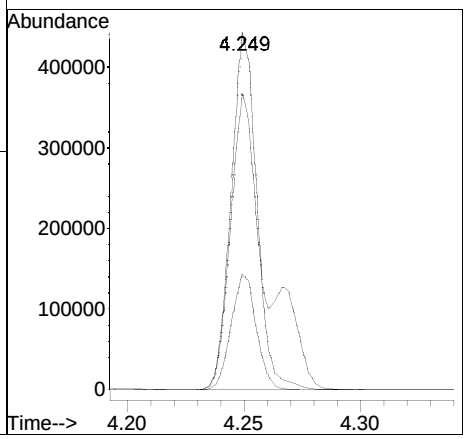


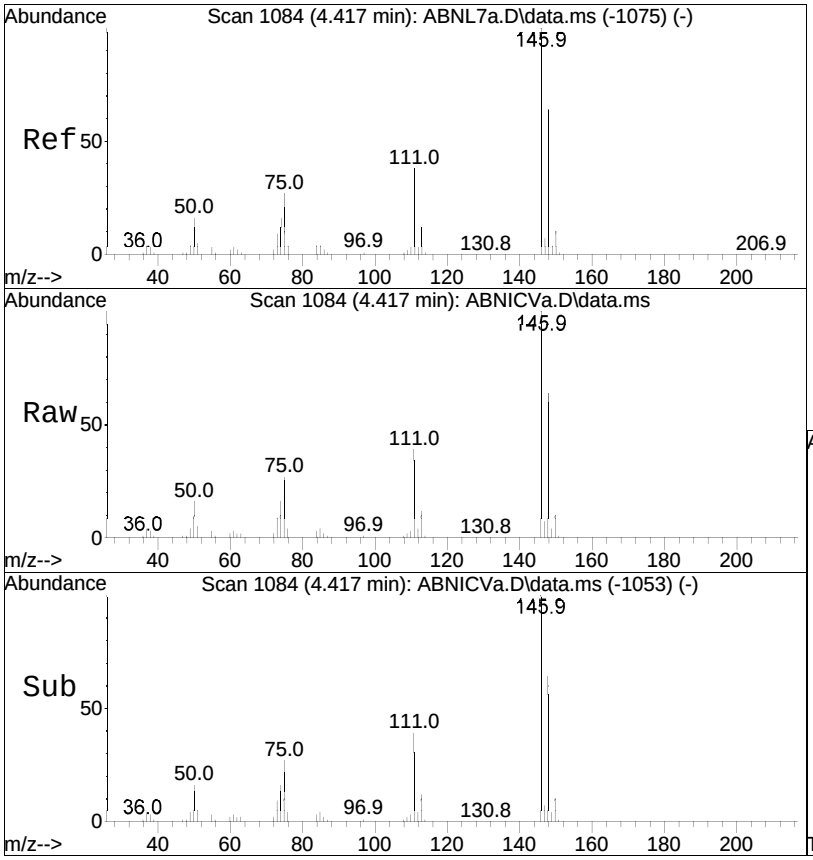


#9
Bis(2-chloroethyl)ether
Concen: 48.95 ug/ml
RT: 4.249 min Scan# 1025
Delta R.T. -0.015 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion: 93 Resp: 336498

Ion	Ratio	Lower	Upper
93	100		
63	86.2	70.4	105.6
95	31.9	25.8	38.6

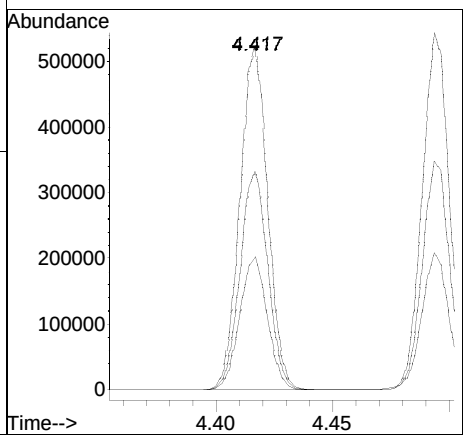


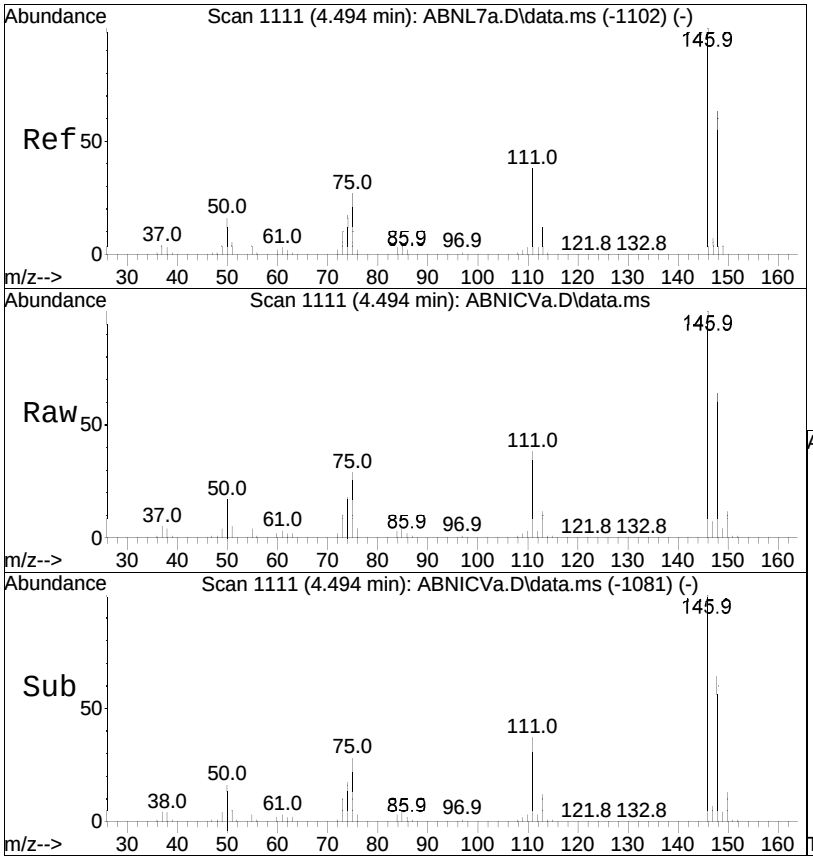


#10
1,3-Dichlorobenzene
Concen: 49.01 ug/ml
RT: 4.417 min Scan# 1084
Delta R.T. -0.011 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:146 Resp: 433174

Ion	Ratio	Lower	Upper
146	100		
111	38.7	35.8	53.6
148	63.9	51.2	76.8

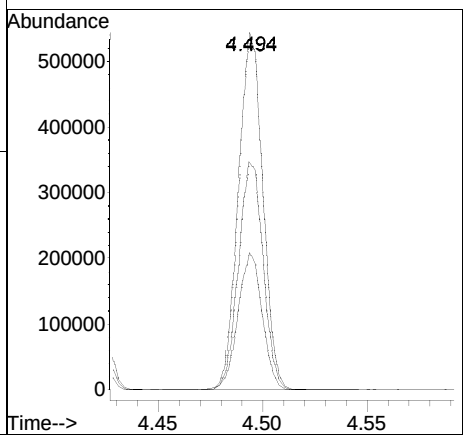


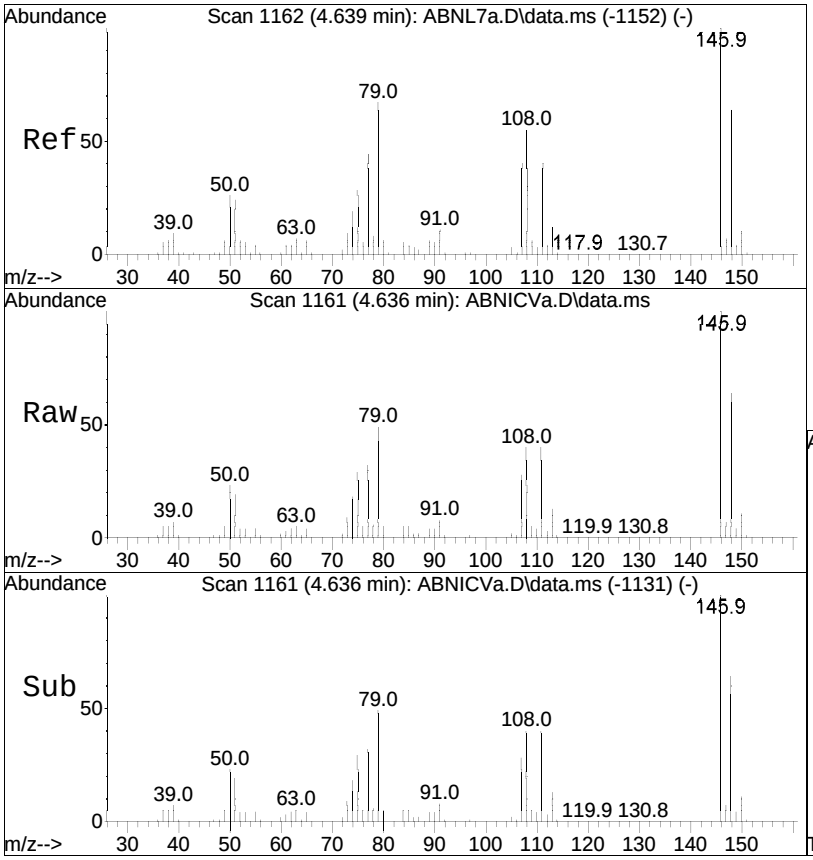


#11
1,4-Dichlorobenzene
Concen: 49.65 ug/ml
RT: 4.494 min Scan# 1111
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:146 Resp: 439321

Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.6	77.4
111	38.6	35.3	52.9

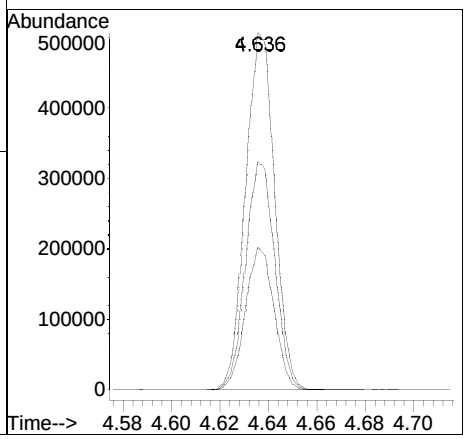


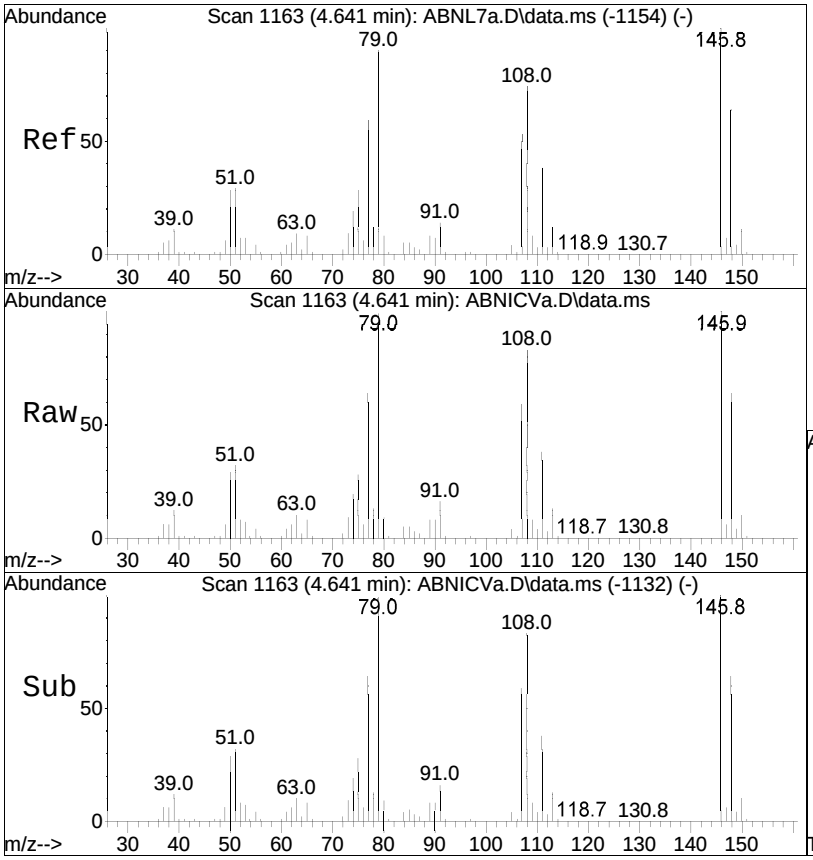


#12
1,2-Dichlorobenzene
Concen: 49.99 ug/ml
RT: 4.636 min Scan# 1161
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:146 Resp: 420175

Ion	Ratio	Lower	Upper
146	100		
111	39.4	36.0	54.0
148	64.1	49.9	74.9

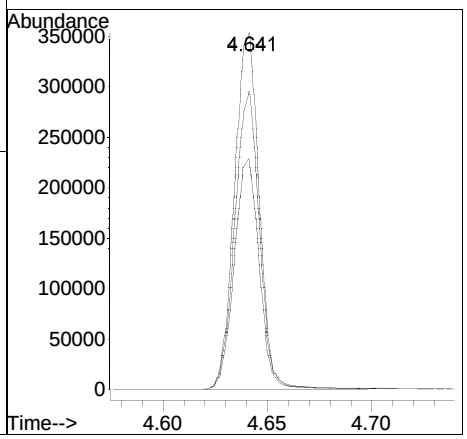


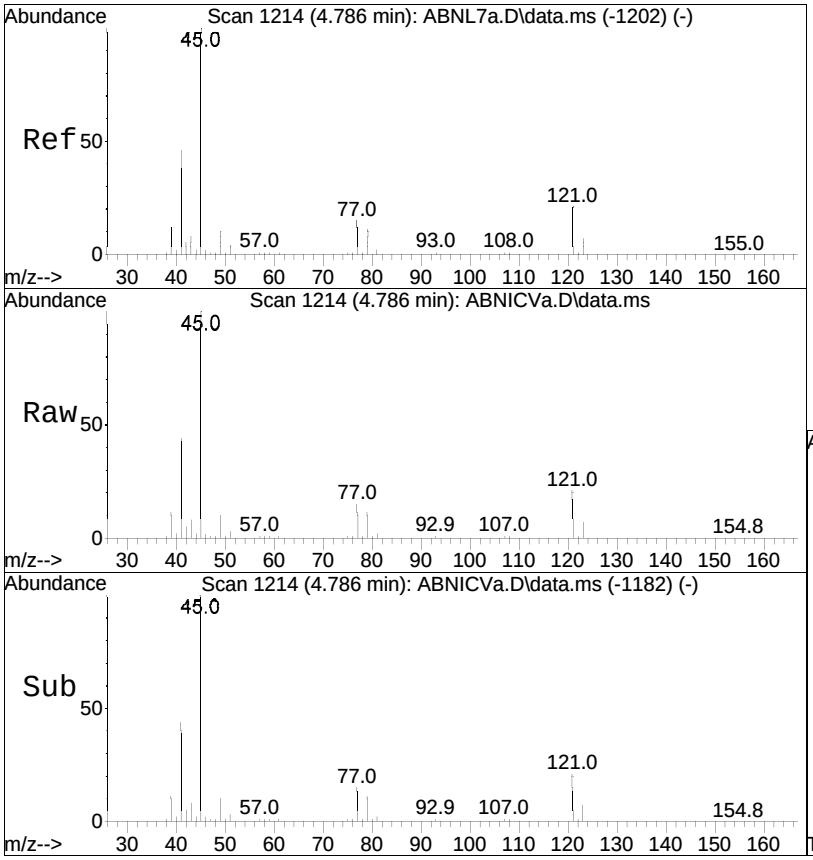


#13
Benzyl alcohol
Concen: 52.28 ug/ml
RT: 4.641 min Scan# 1163
Delta R.T. -0.012 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion: 79 Resp: 291455

Ion	Ratio	Lower	Upper
79	100		
77	65.4	52.3	78.5
108	82.9	60.2	90.4

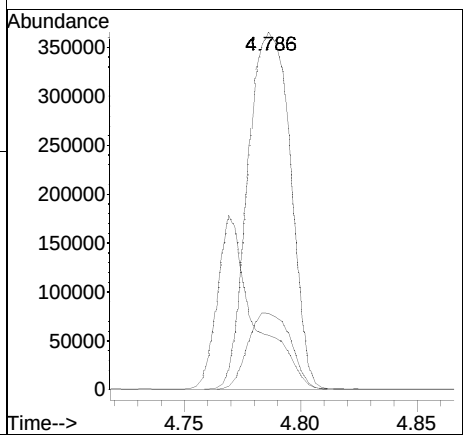


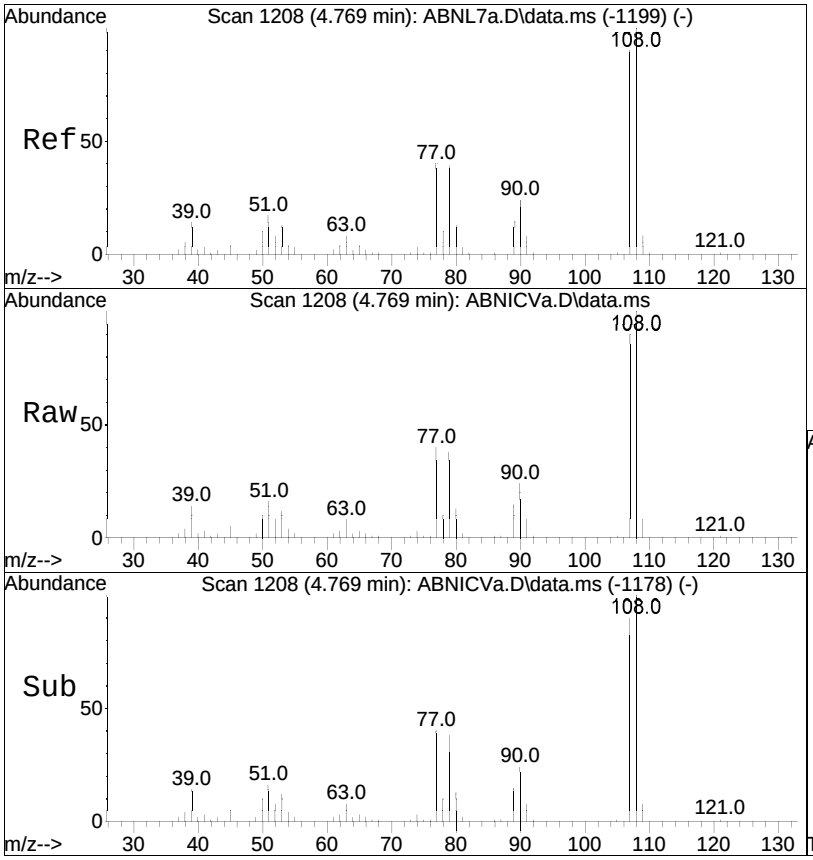


#14
Bis(2-chloroisopropyl)ether
Concen: 48.26 ug/ml
RT: 4.786 min Scan# 1214
Delta R.T. -0.009 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion: 45 Resp: 462837

Ion	Ratio	Lower	Upper
45	100		
121	21.5	12.6	19.0#
77	42.6	26.4	39.6#

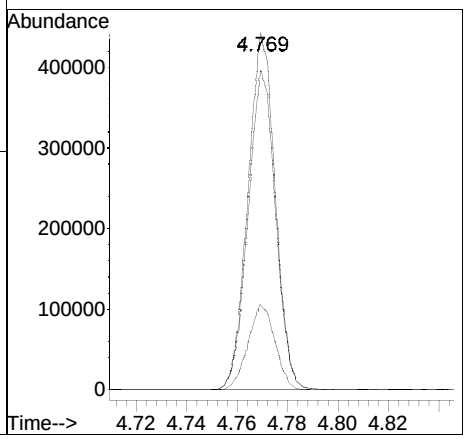


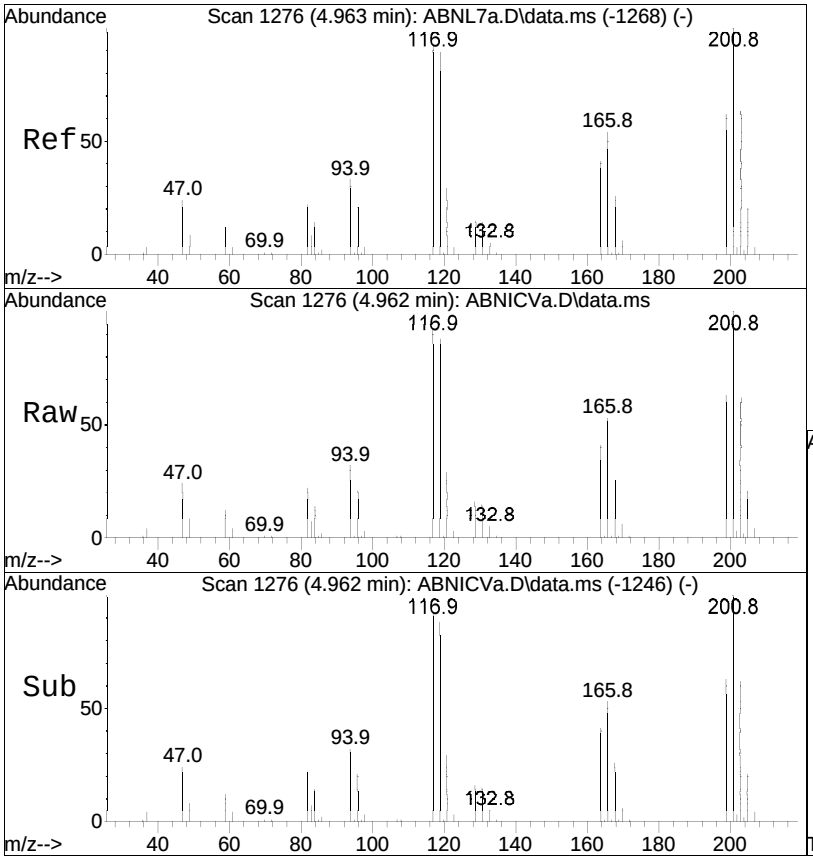


#15
2-Methylphenol
Concen: 52.18 ug/ml
RT: 4.769 min Scan# 1208
Delta R.T. -0.015 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:108 Resp: 330041

Ion	Ratio	Lower	Upper
108	100		
107	90.7	72.8	109.2
90	23.9	20.2	30.4

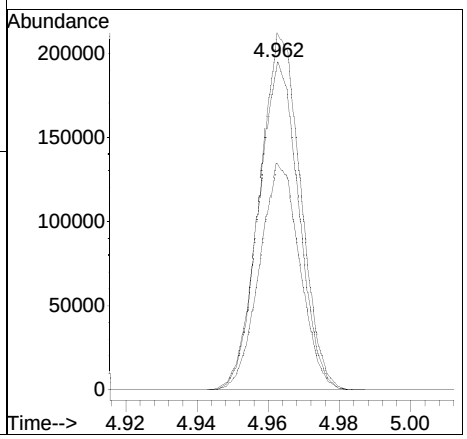


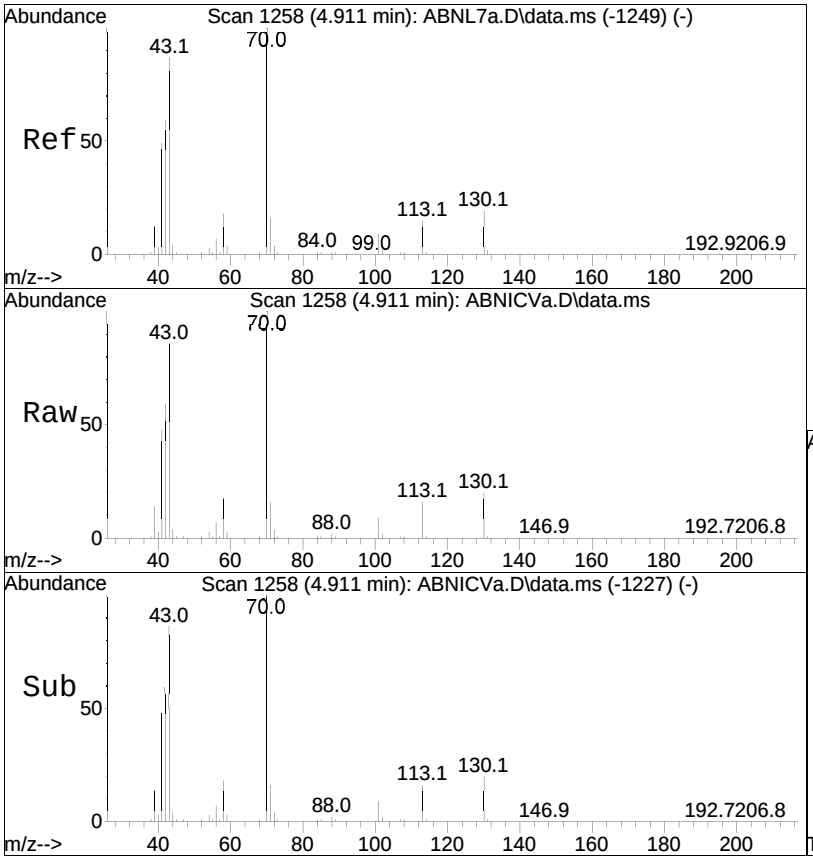


#16
Hexachloroethane
Concen: 48.81 ug/ml
RT: 4.962 min Scan# 1276
Delta R.T. -0.015 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:117 Resp: 152885

Ion	Ratio	Lower	Upper
117	100		
201	110.1	64.5	96.7#
199	69.0	40.3	60.5#

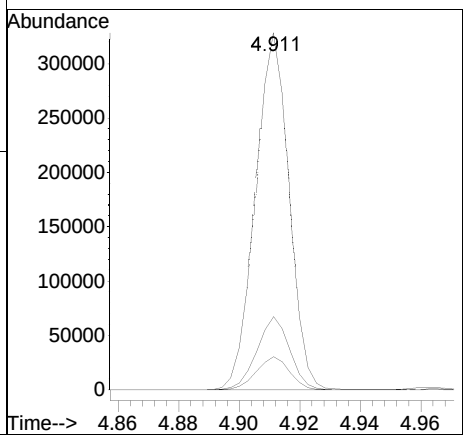


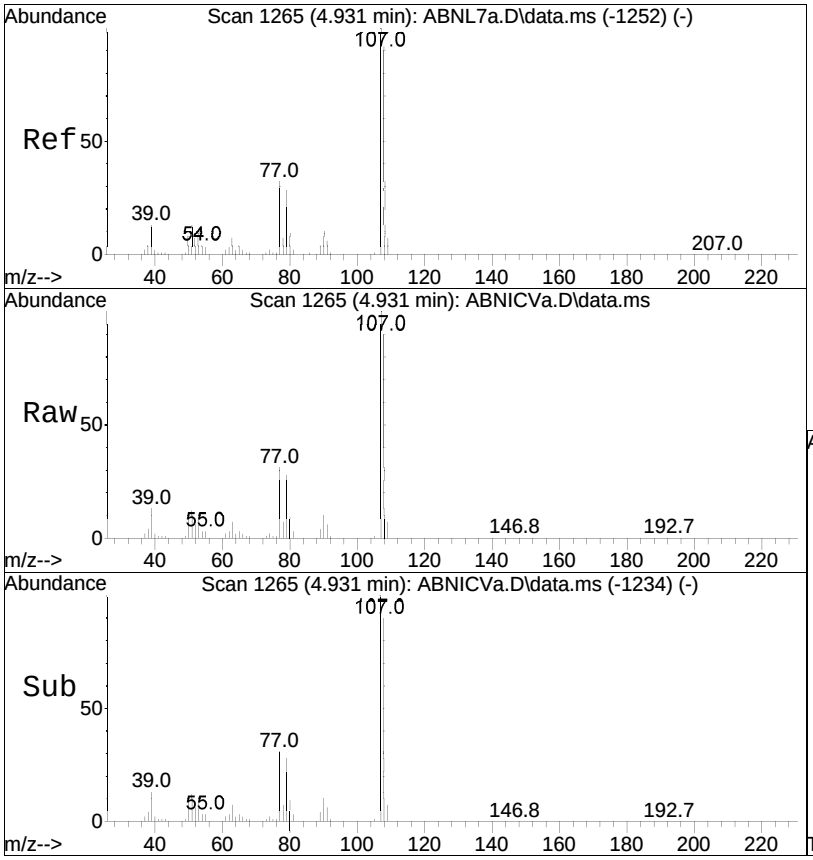


#17
n-Nitrosodi-n-propylamine
Concen: 51.05 ug/ml
RT: 4.911 min Scan# 1258
Delta R.T. -0.012 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion: 70 Resp: 252296

Ion	Ratio	Lower	Upper
70	100		
130	19.9	15.0	22.4
101	9.1	7.4	11.0

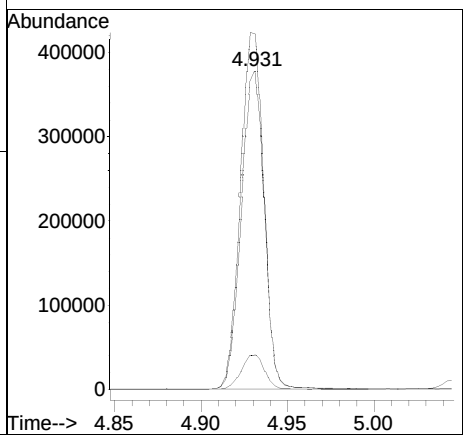


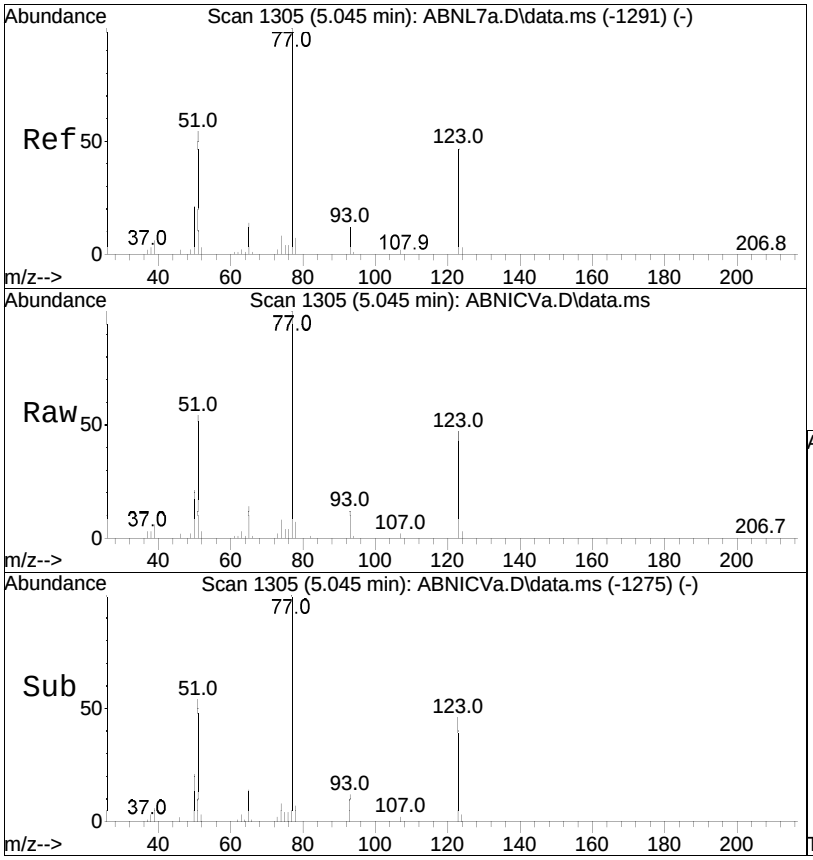


#18
3-Methylphenol/4-Methylphenol
Concen: 52.18 ug/ml
RT: 4.931 min Scan# 1265
Delta R.T. -0.012 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:108 Resp: 350805

Ion	Ratio	Lower	Upper
108	100		
107	113.8	90.4	135.6
90	11.1	9.2	13.8

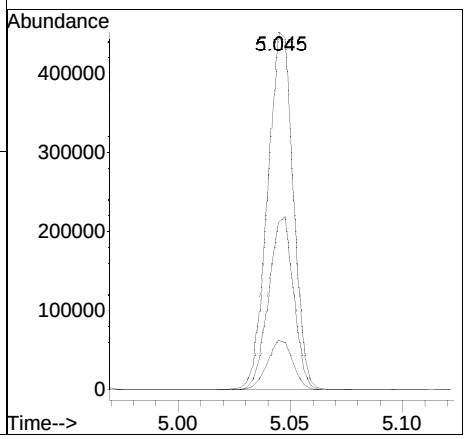


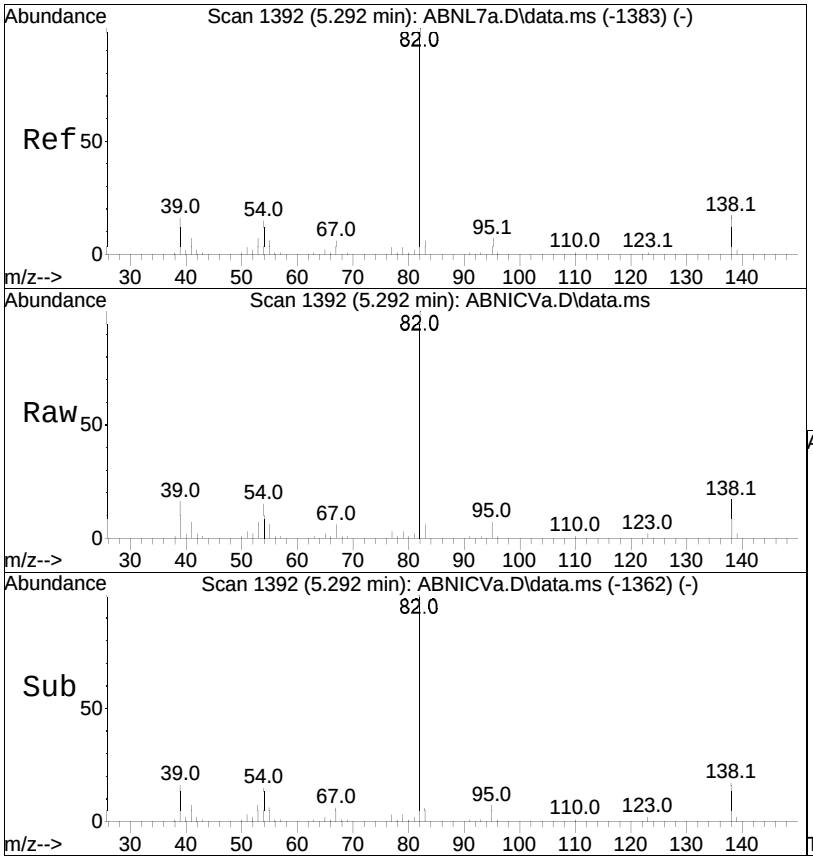


#20
Nitrobenzene
Concen: 51.18 ug/ml
RT: 5.045 min Scan# 1305
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion: 77 Resp: 356710

Ion	Ratio	Lower	Upper
77	100		
123	47.4	35.0	52.4
65	14.1	11.5	17.3

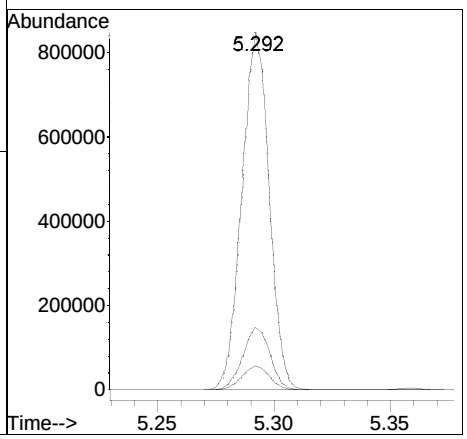


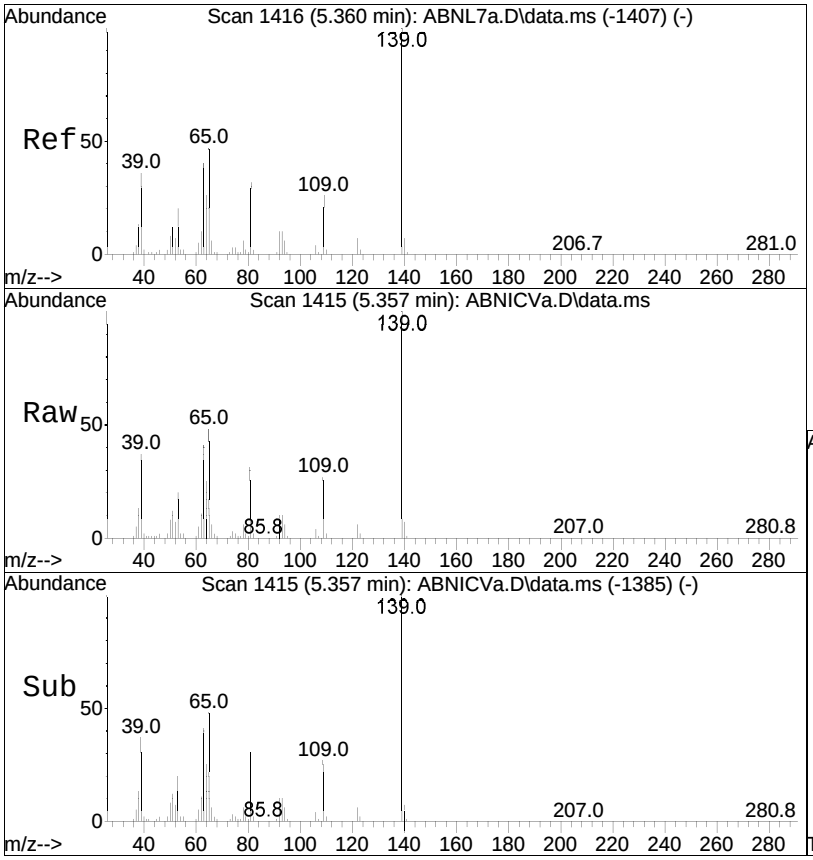


#21
Isophorone
Concen: 50.66 ug/ml
RT: 5.292 min Scan# 1392
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion: 82 Resp: 680855

Ion	Ratio	Lower	Upper
82	100		
138	17.5	12.8	19.2
95	6.8	5.5	8.3

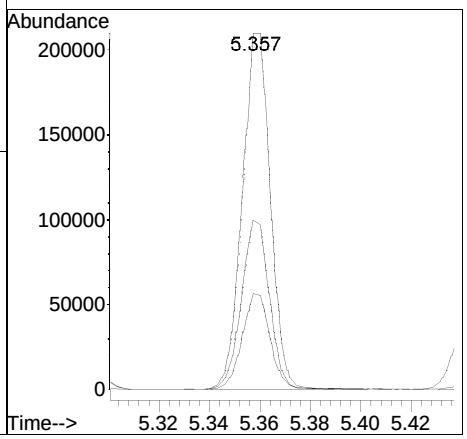


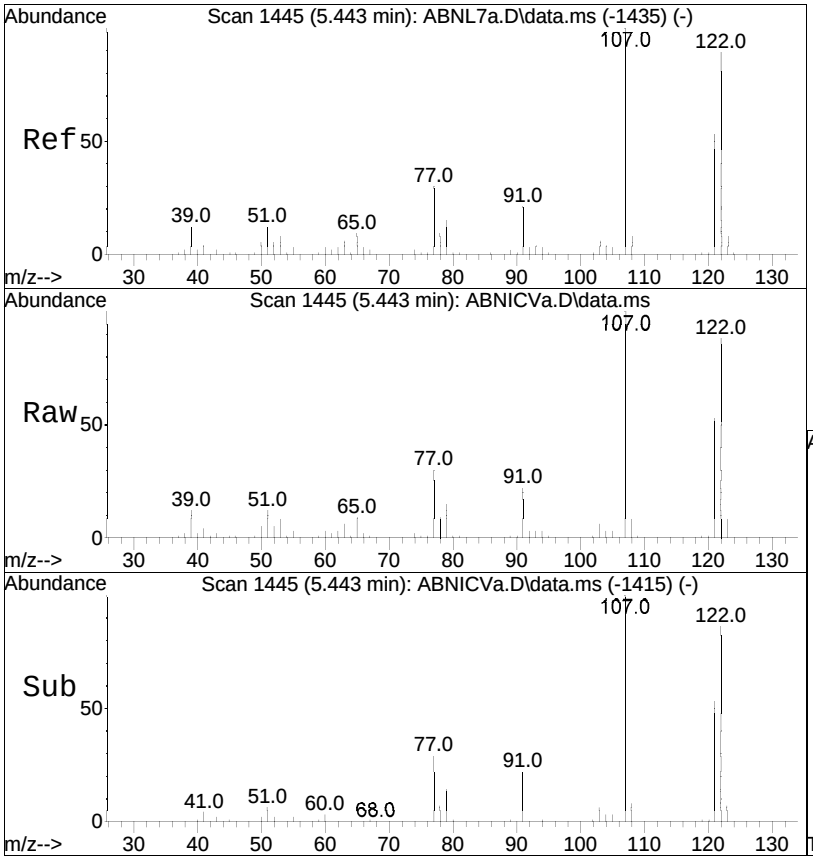


#22
2-Nitrophenol
Concen: 50.89 ug/ml
RT: 5.357 min Scan# 1415
Delta R.T. -0.015 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:139 Resp: 161100

Ion	Ratio	Lower	Upper
139	100		
109	27.1	24.8	37.2
65	47.4	45.5	68.3

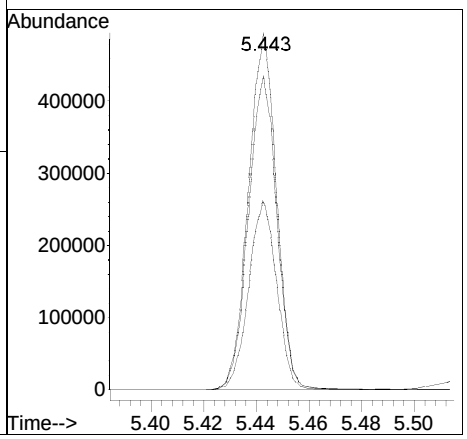


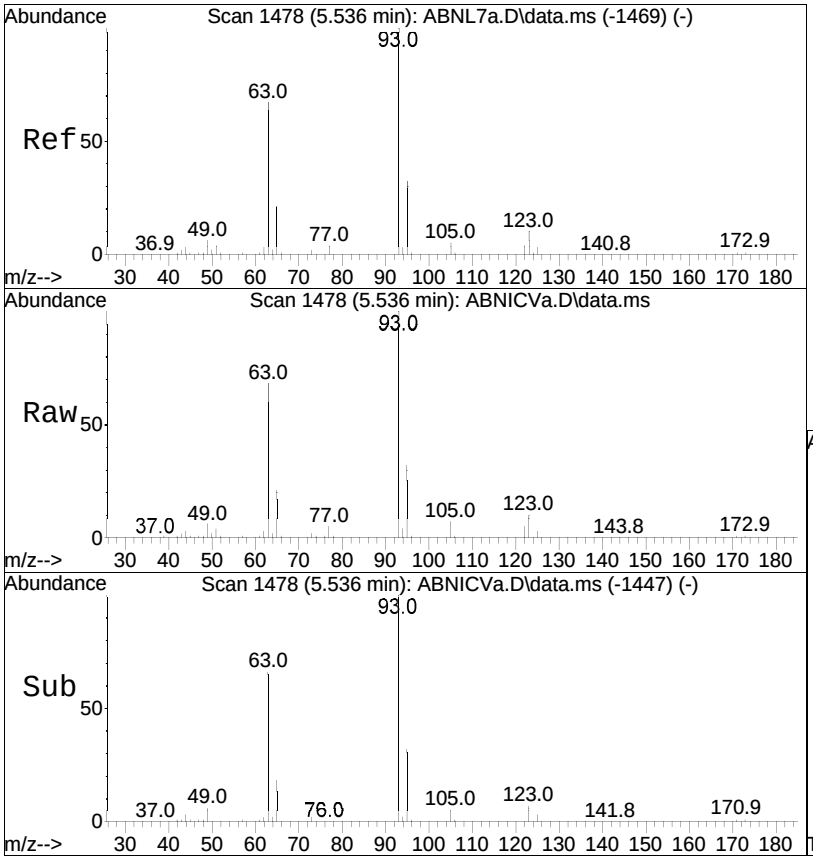


#23
2,4-Dimethylphenol
Concen: 51.47 ug/ml
RT: 5.443 min Scan# 1445
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:107 Resp: 365711

Ion	Ratio	Lower	Upper
107	100		
121	53.1	39.7	59.5
122	89.1	66.8	100.2

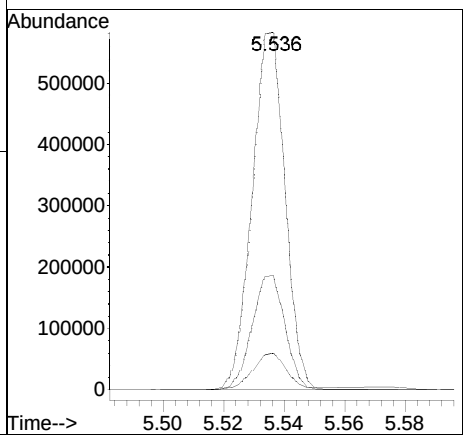


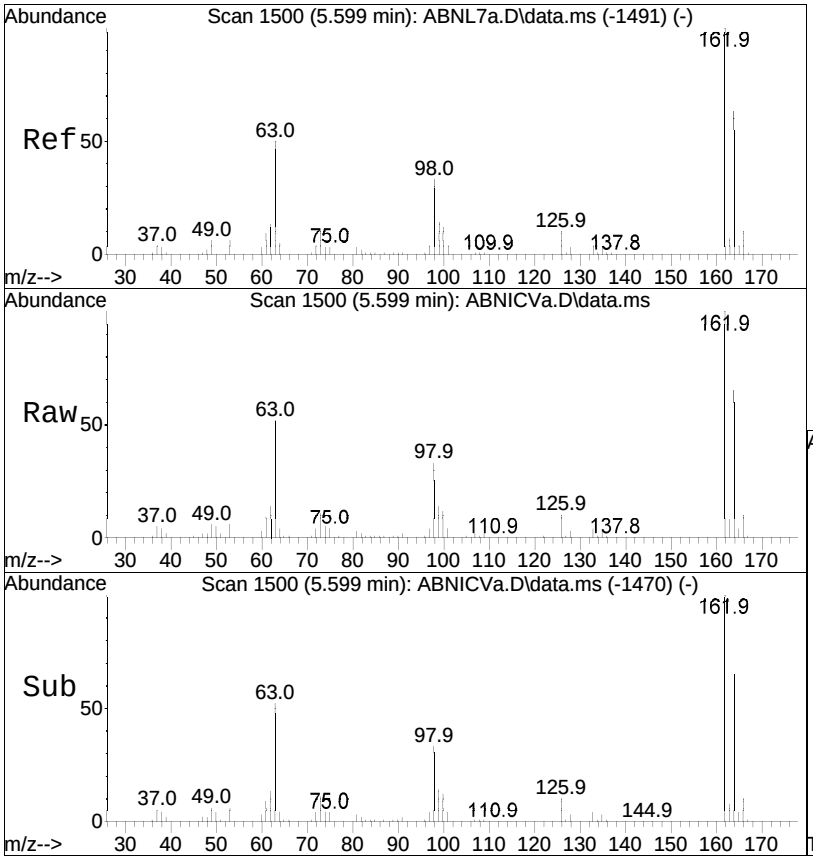


#24
Bis(2-chloroethoxy)methane
Concen: 49.45 ug/ml
RT: 5.536 min Scan# 1478
Delta R.T. -0.012 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion: 93 Resp: 434764

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.1	39.1
123	11.2	9.8	14.8

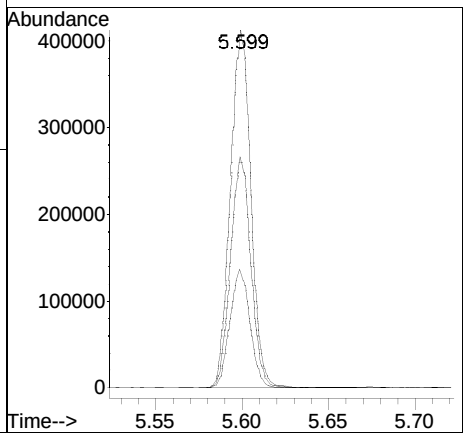


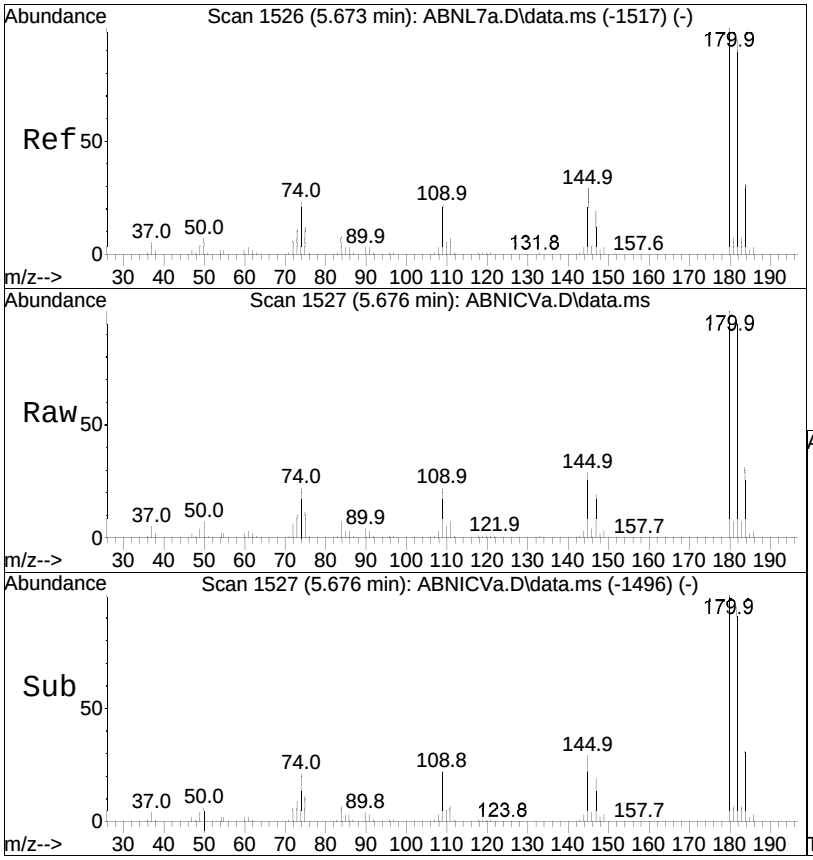


#25
2,4-Dichlorophenol
Concen: 52.15 ug/ml
RT: 5.599 min Scan# 1500
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:162 Resp: 336629

Ion	Ratio	Lower	Upper
162	100		
164	63.9	50.4	75.6
98	32.8	31.6	47.4

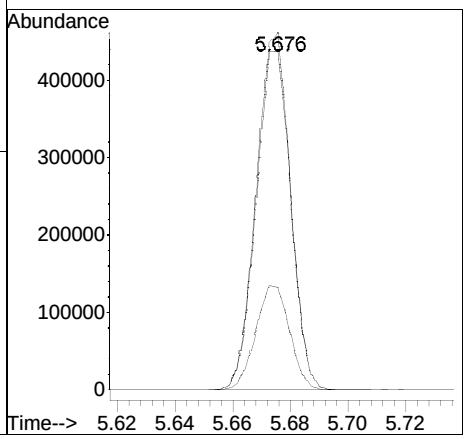


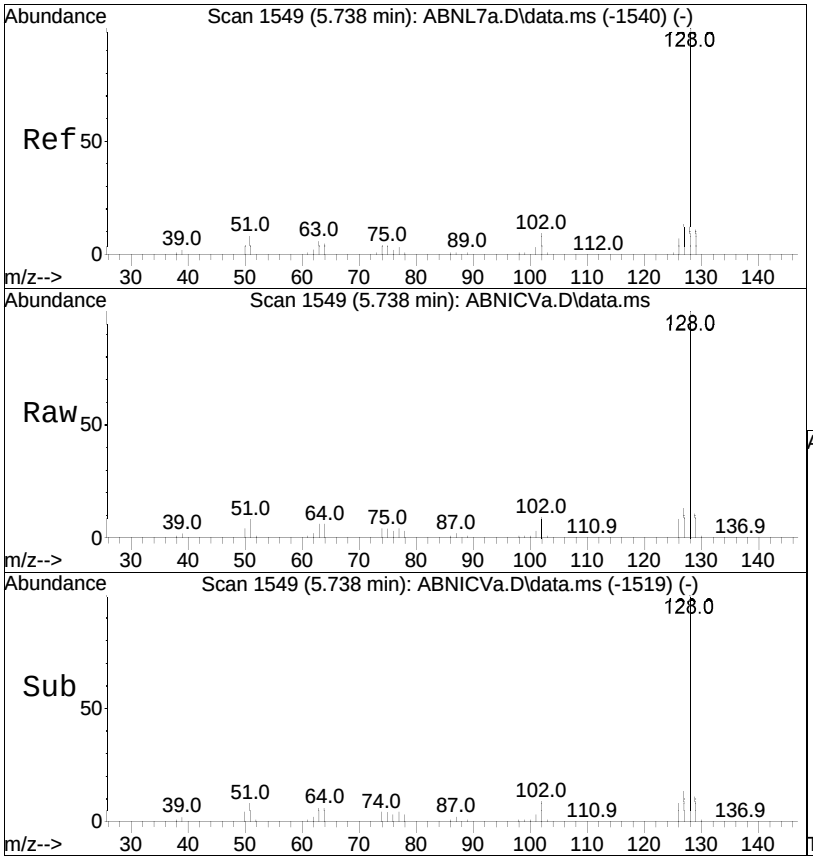


#26
1,2,4-Trichlorobenzene
Concen: 49.29 ug/ml
RT: 5.676 min Scan# 1527
Delta R.T. -0.011 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:180 Resp: 376014

Ion	Ratio	Lower	Upper
180	100		
182	95.9	74.7	112.1
145	29.2	26.6	39.8

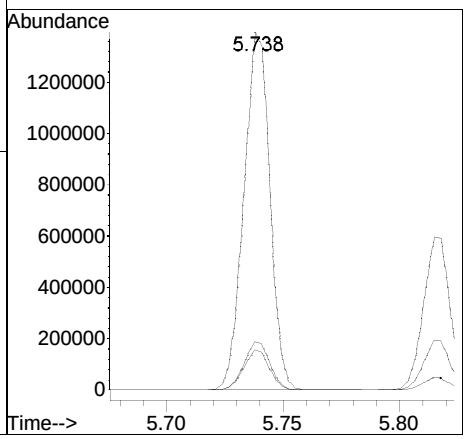


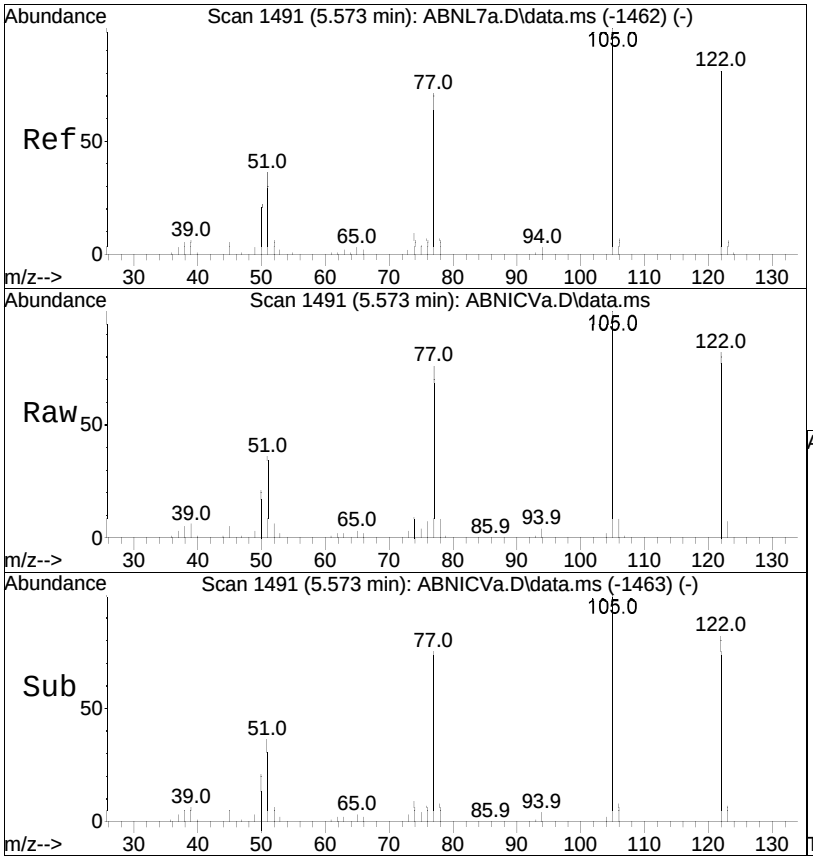


#36
Naphthalene
Concen: 49.01 ug/ml
RT: 5.738 min Scan# 1549
Delta R.T. -0.015 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:128 Resp: 1074935

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.3	10.7	16.1

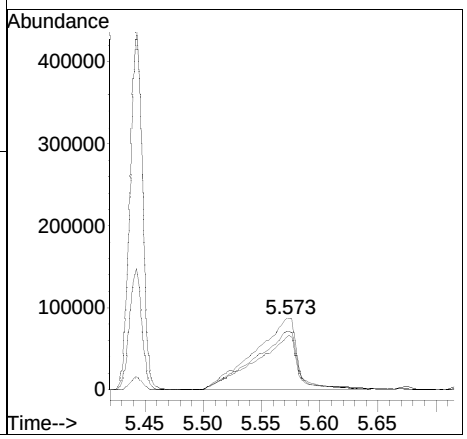


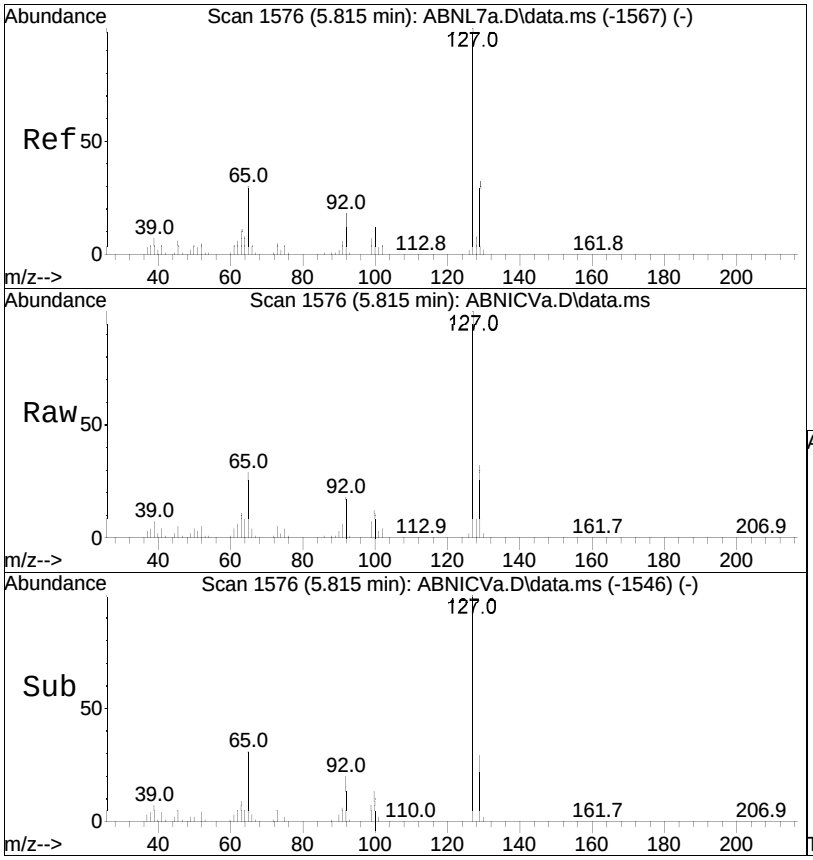


#37
Benzoic Acid
Concen: 47.06 ug/ml
RT: 5.573 min Scan# 1491
Delta R.T. -0.020 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:105 Resp: 231133

Ion	Ratio	Lower	Upper
105	100		
122	80.0	61.8	92.6
77	73.6	62.2	93.4

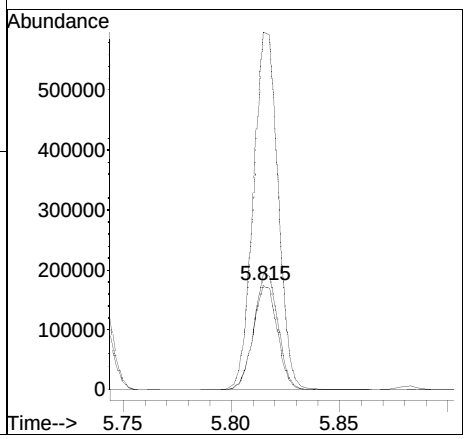


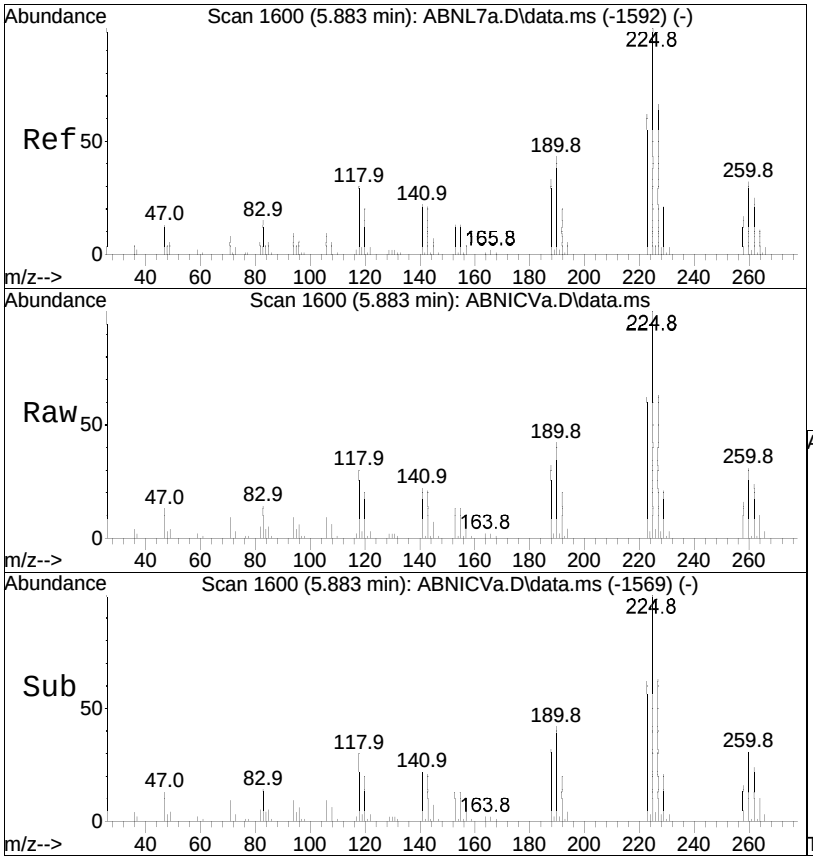


#38
4-Chloroaniline
Concen: 50.59 ug/ml
RT: 5.815 min Scan# 1576
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion: 65 Resp: 136758

Ion	Ratio	Lower	Upper
65	100		
127	343.7	233.2	349.8
129	110.2	74.6	111.8

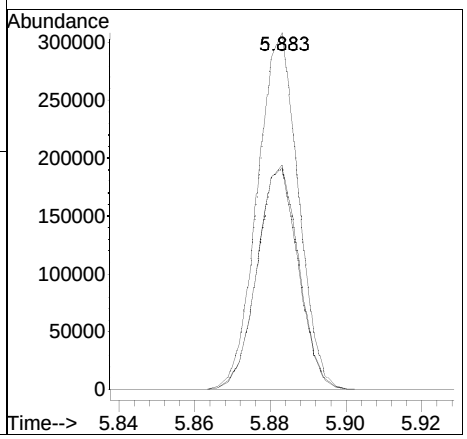


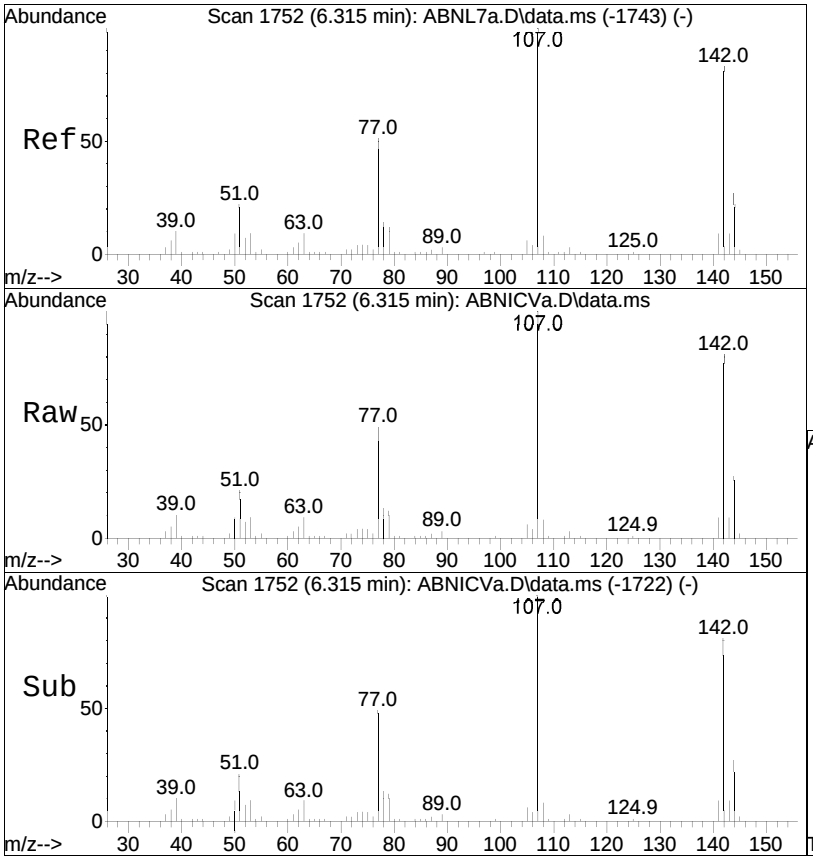


#39
Hexachlorobutadiene
Concen: 48.45 ug/ml
RT: 5.883 min Scan# 1600
Delta R.T. -0.012 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:225 Resp: 230923

Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.4	74.0
227	63.9	50.8	76.2

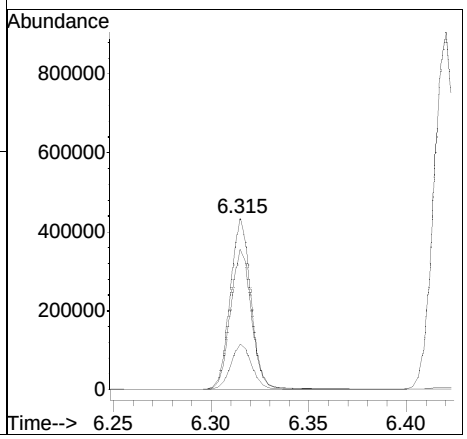


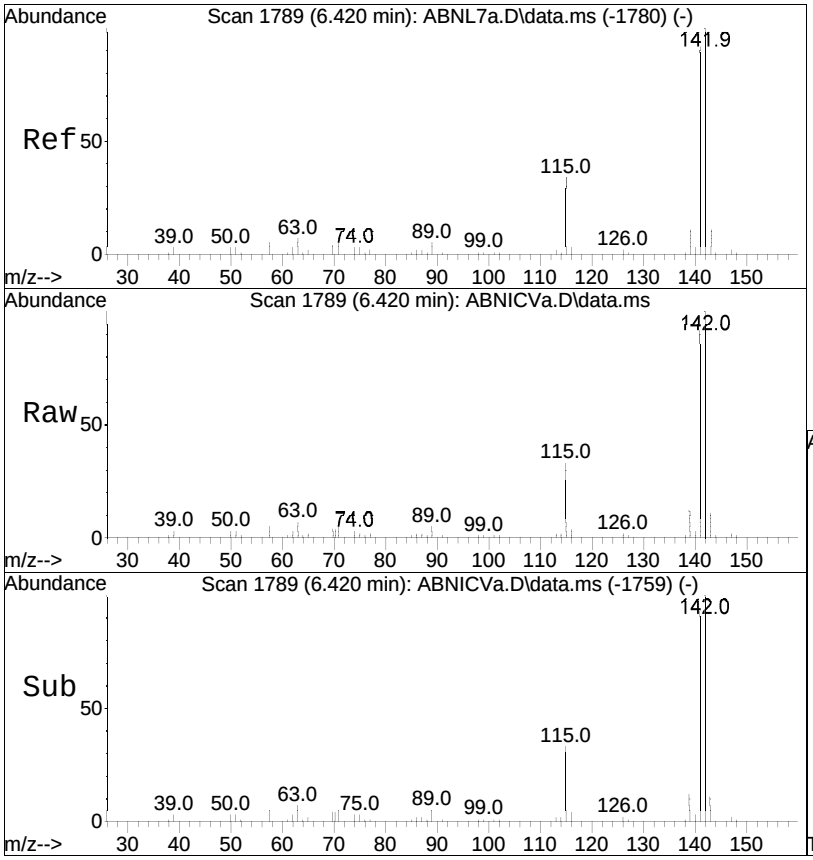


#40
p-Chloro-m-cresol
Concen: 53.43 ug/ml
RT: 6.315 min Scan# 1752
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:107 Resp: 323300

Ion	Ratio	Lower	Upper
107	100		
144	26.7	19.6	29.4
142	83.0	62.2	93.4

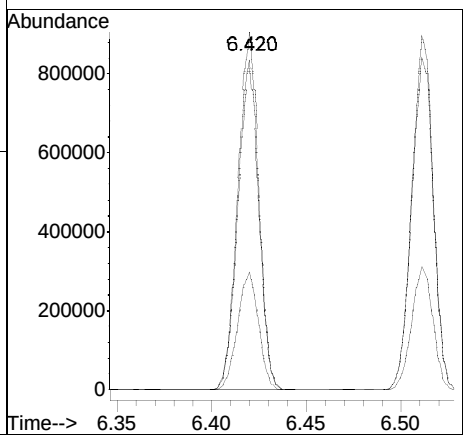


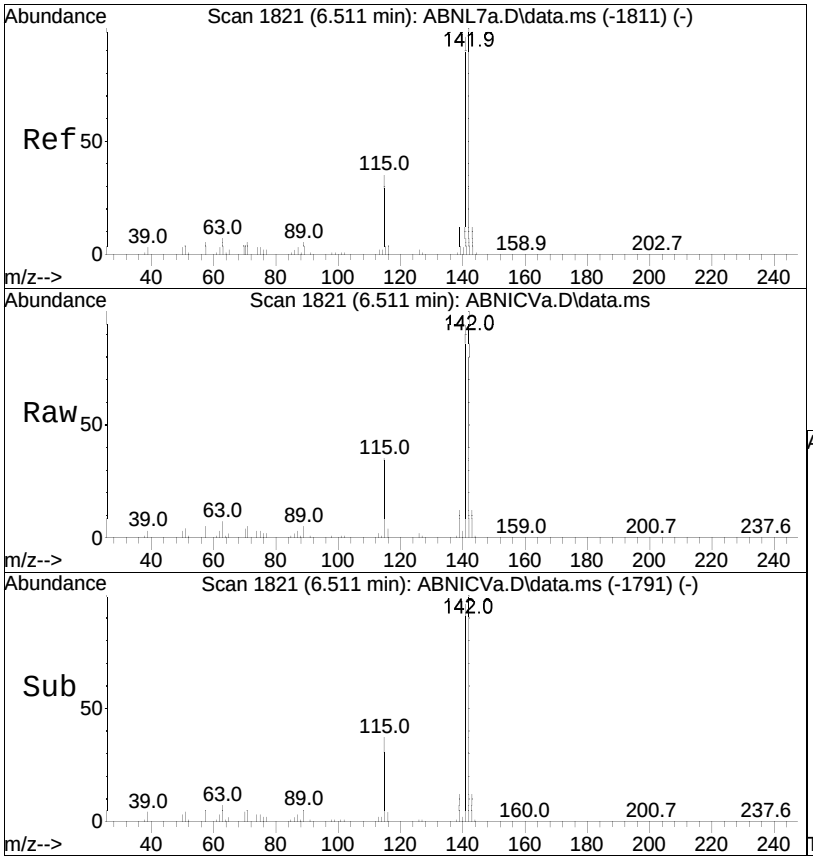


#41
2-Methylnaphthalene
Concen: 50.62 ug/ml
RT: 6.420 min Scan# 1789
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:142 Resp: 695415

Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.8	107.8
115	33.0	29.1	43.7

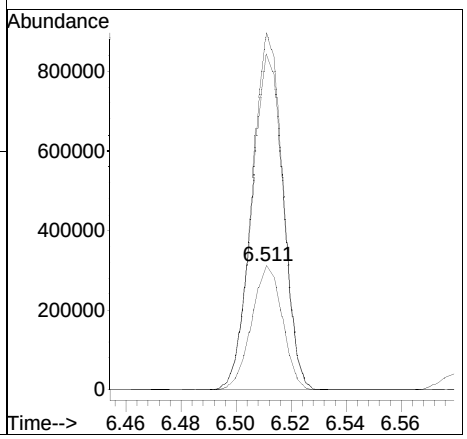


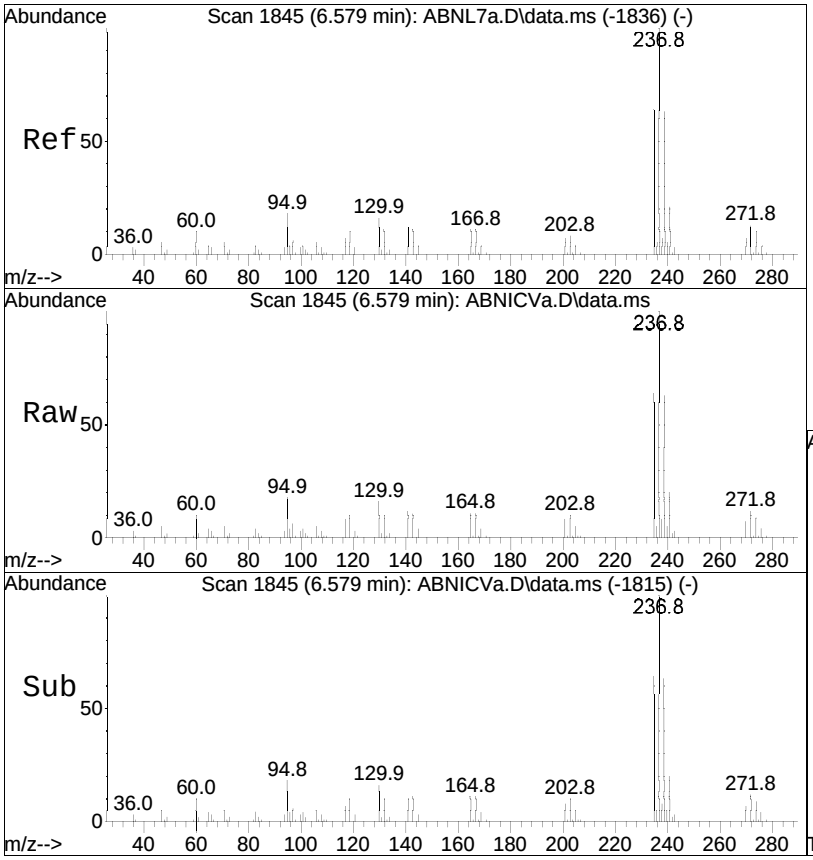


#42
1-Methylnaphthalene
Concen: 50.20 ug/ml
RT: 6.511 min Scan# 1821
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:115 Resp: 243961

Ion	Ratio	Lower	Upper
115	100		
141	273.7	196.6	294.8
142	288.1	209.2	313.8

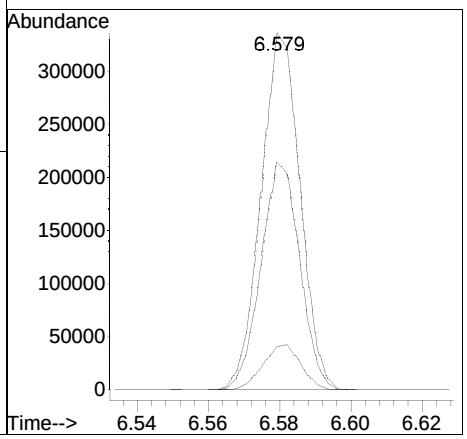


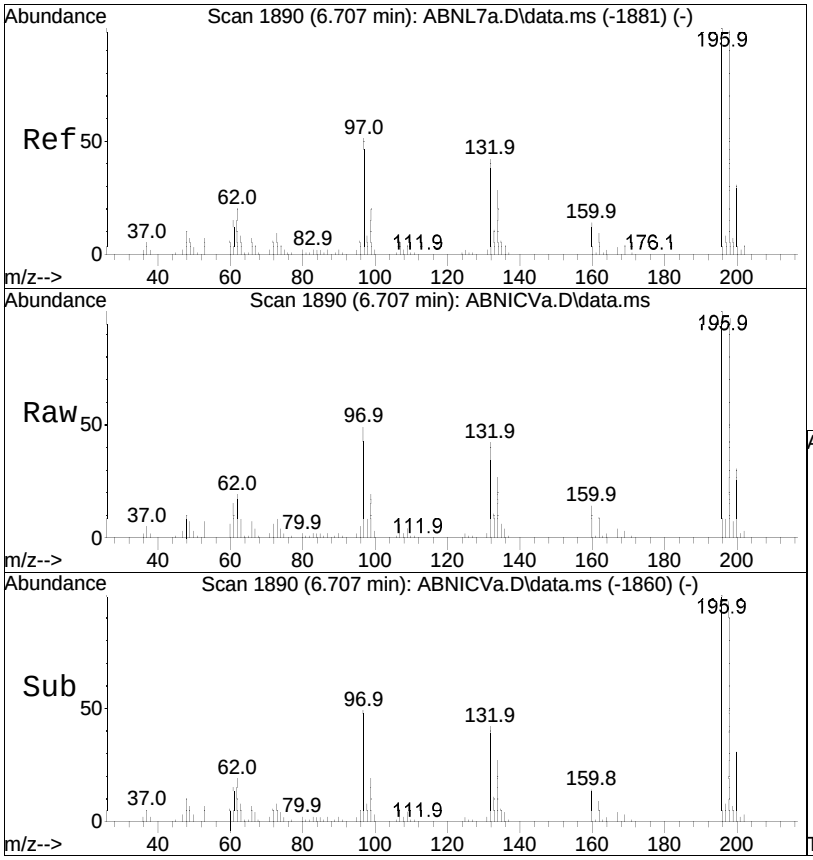


#43
Hexachlorocyclopentadiene
Concen: 53.34 ug/ml
RT: 6.579 min Scan# 1845
Delta R.T. -0.015 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:237 Resp: 254788

Ion	Ratio	Lower	Upper
237	100		
235	63.7	47.8	71.6
272	12.5	10.4	15.6

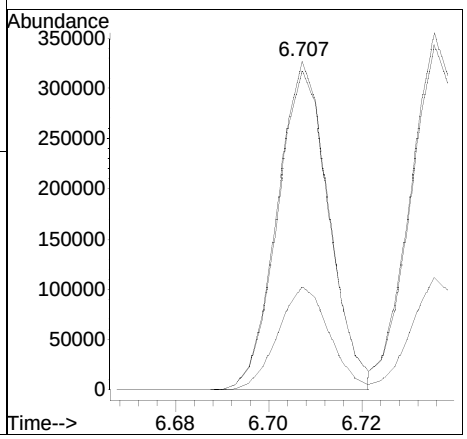


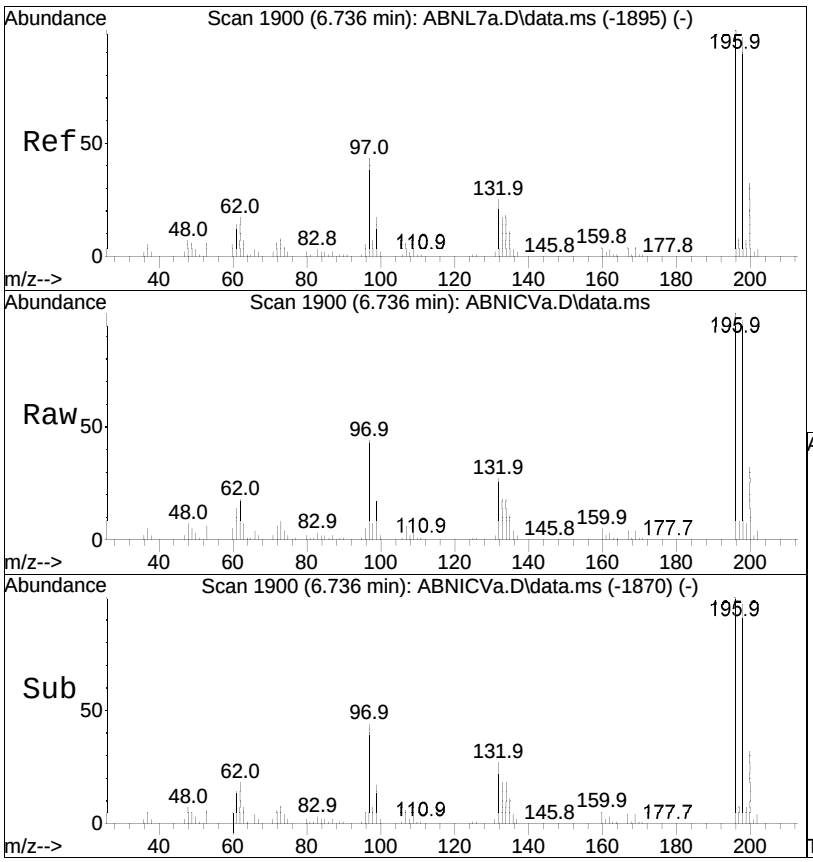


#44
2,4,6-Trichlorophenol
Concen: 54.25 ug/ml
RT: 6.707 min Scan# 1890
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:196 Resp: 251403

Ion	Ratio	Lower	Upper
196	100		
198	97.3	81.5	122.3
200	31.3	26.2	39.2

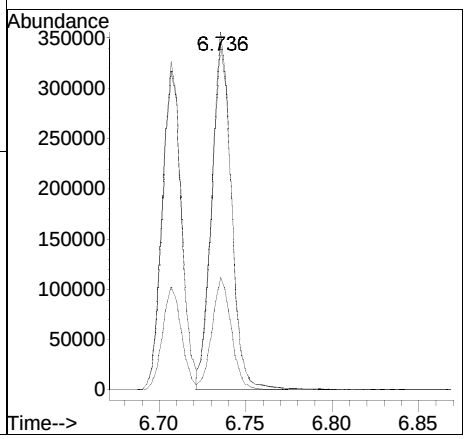


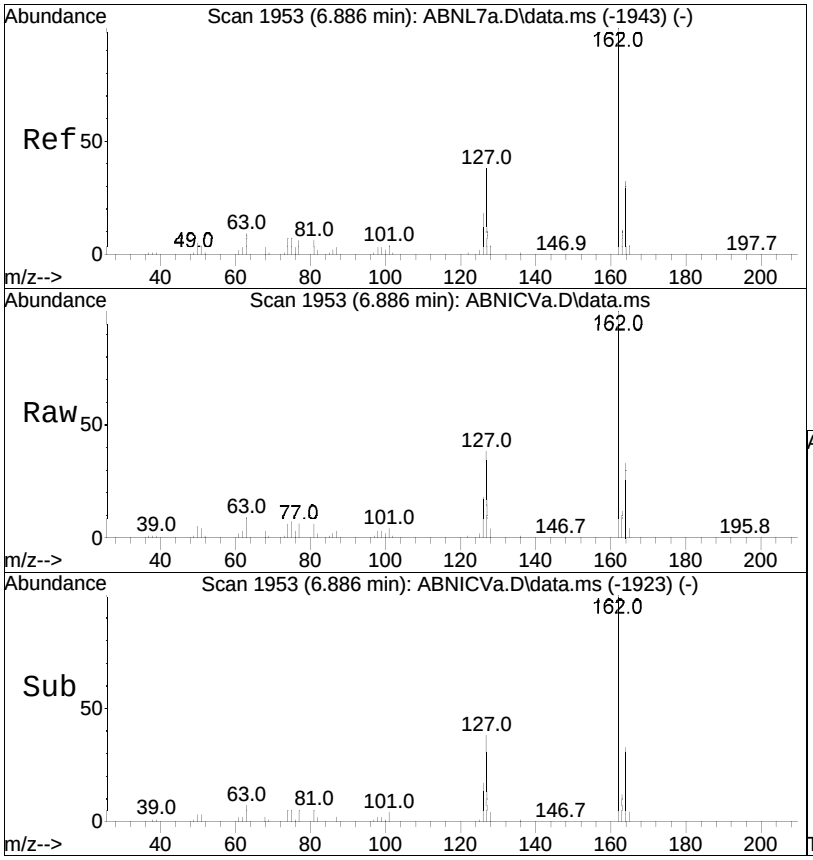


#45
2,4,5-Trichlorophenol
Concen: 55.11 ug/ml
RT: 6.736 min Scan# 1900
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:196 Resp: 280730

Ion	Ratio	Lower	Upper
196	100		
200	31.1	25.5	38.3
198	96.4	79.2	118.8

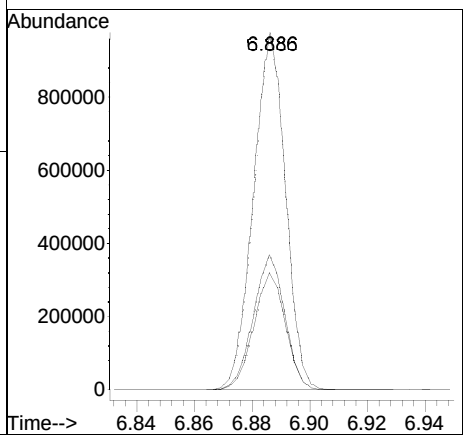


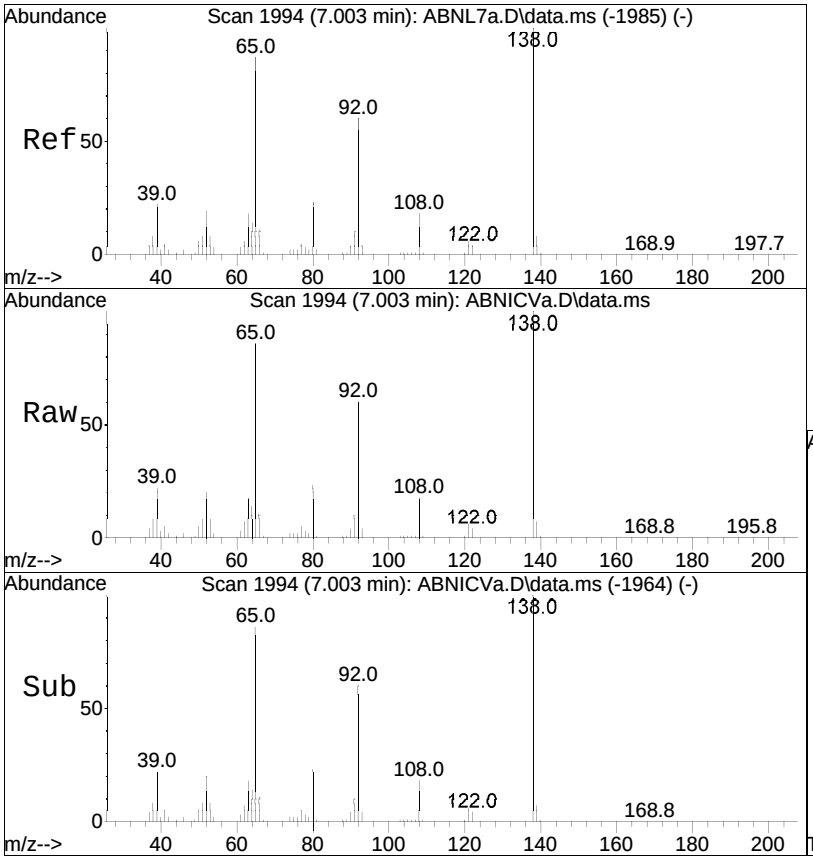


#47
2-Chloronaphthalene
Concen: 49.48 ug/ml
RT: 6.886 min Scan# 1953
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:162 Resp: 743767

Ion	Ratio	Lower	Upper
162	100		
127	37.4	33.6	50.4
164	32.7	25.8	38.8

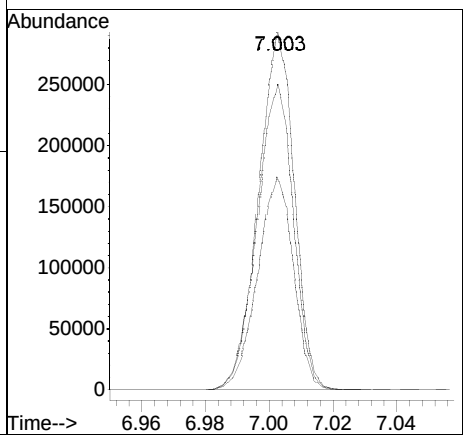


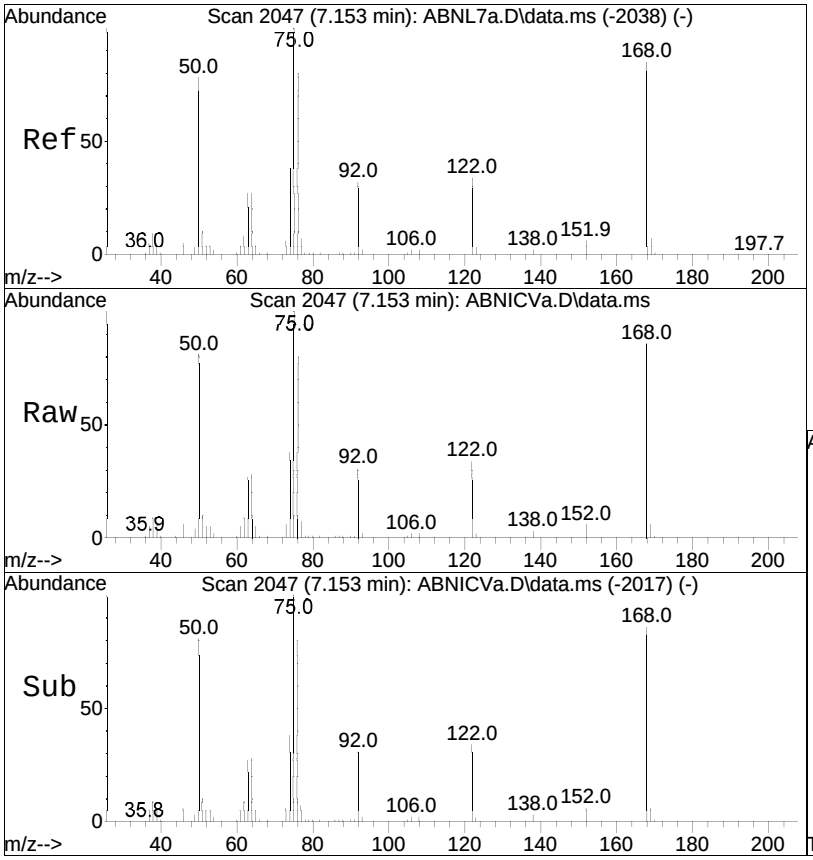


#48
2-Nitroaniline
Concen: 54.80 ug/ml
RT: 7.003 min Scan# 1994
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:138 Resp: 226086

Ion	Ratio	Lower	Upper
138	100		
92	60.2	54.2	81.2
65	87.3	82.8	124.2

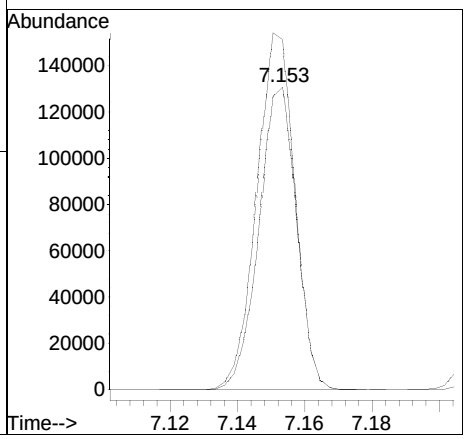


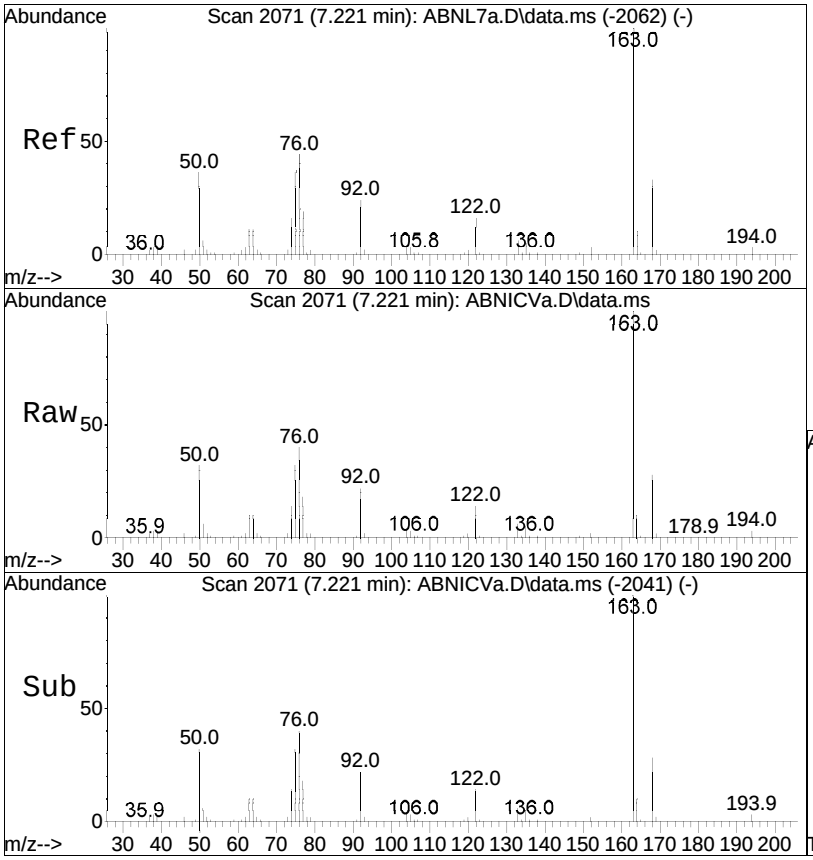


#49
1,4-Dinitrobenzene
Concen: 51.51 ug/ml
RT: 7.153 min Scan# 2047
Delta R.T. -0.015 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:168 Resp: 101313

Ion	Ratio	Lower	Upper
168	100		
75	120.1	120.1	180.1

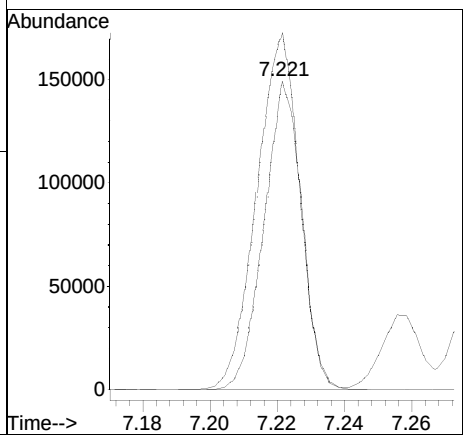


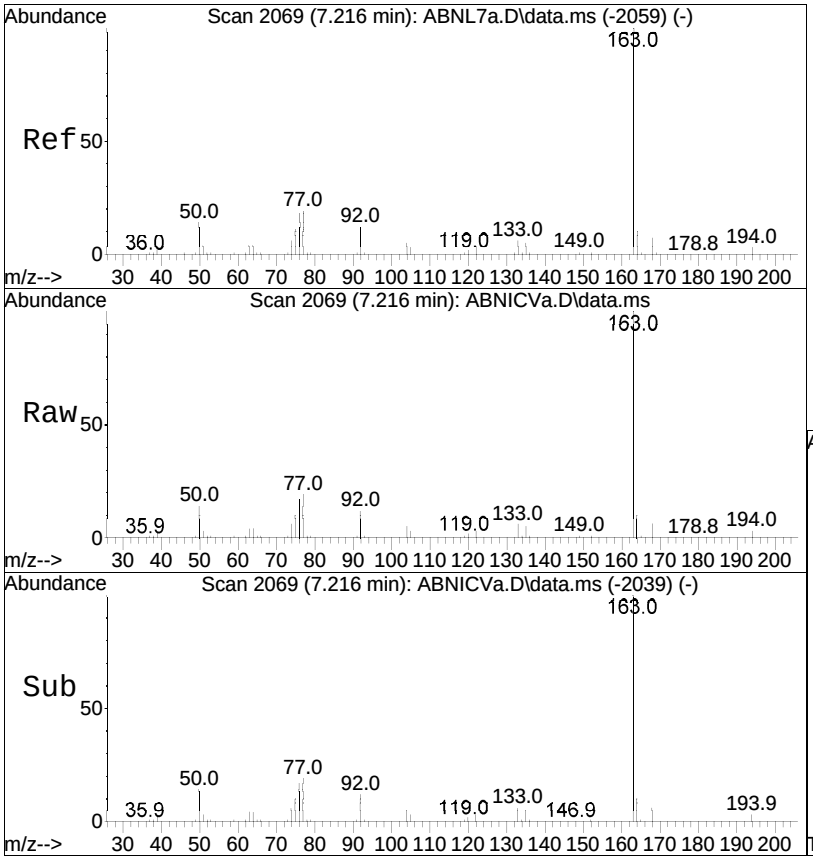


#50
1,3-Dinitrobenzene
Concen: 51.36 ug/ml
RT: 7.221 min Scan# 2071
Delta R.T. -0.015 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:168 Resp: 116269

Ion	Ratio	Lower	Upper
168	100		
75	129.7	123.2	184.8

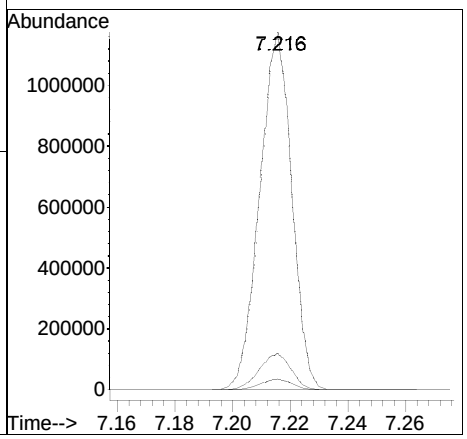


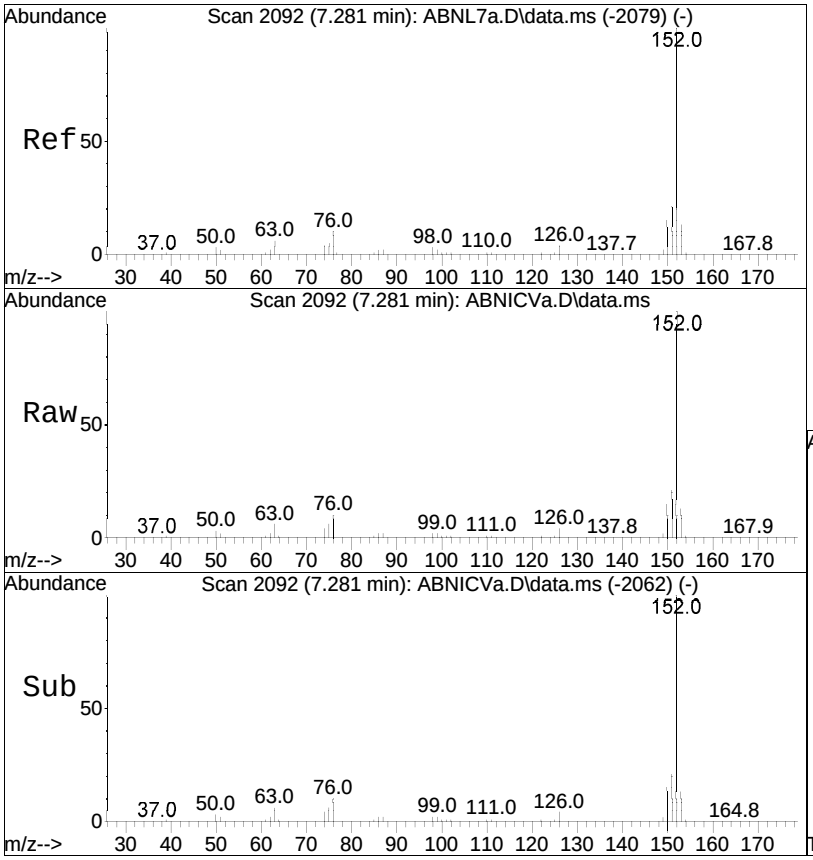


#51
Dimethyl phthalate
Concen: 50.83 ug/ml
RT: 7.216 min Scan# 2069
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:163 Resp: 895131

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.6	4.0
164	10.3	8.2	12.4

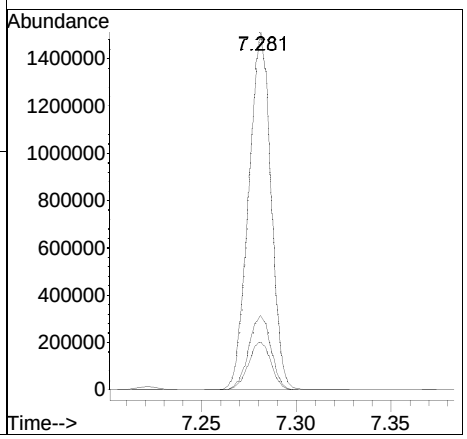


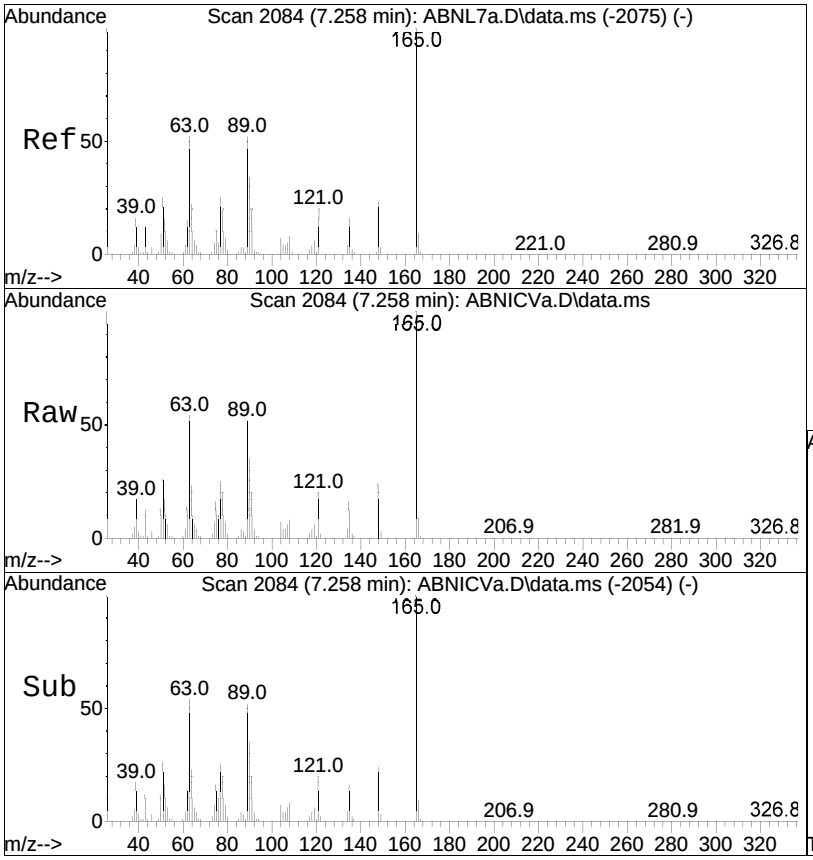


#52
Acenaphthylene
Concen: 52.14 ug/ml
RT: 7.281 min Scan# 2092
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:152 Resp: 1223033

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.4	24.6
153	13.6	11.0	16.6

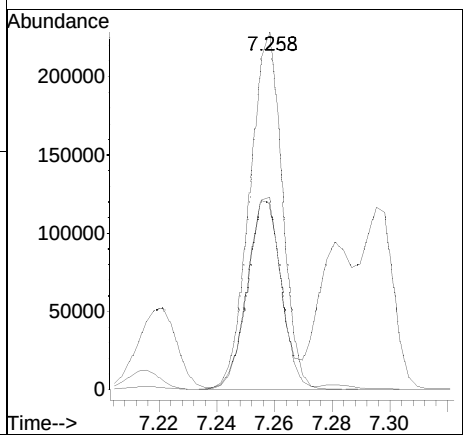


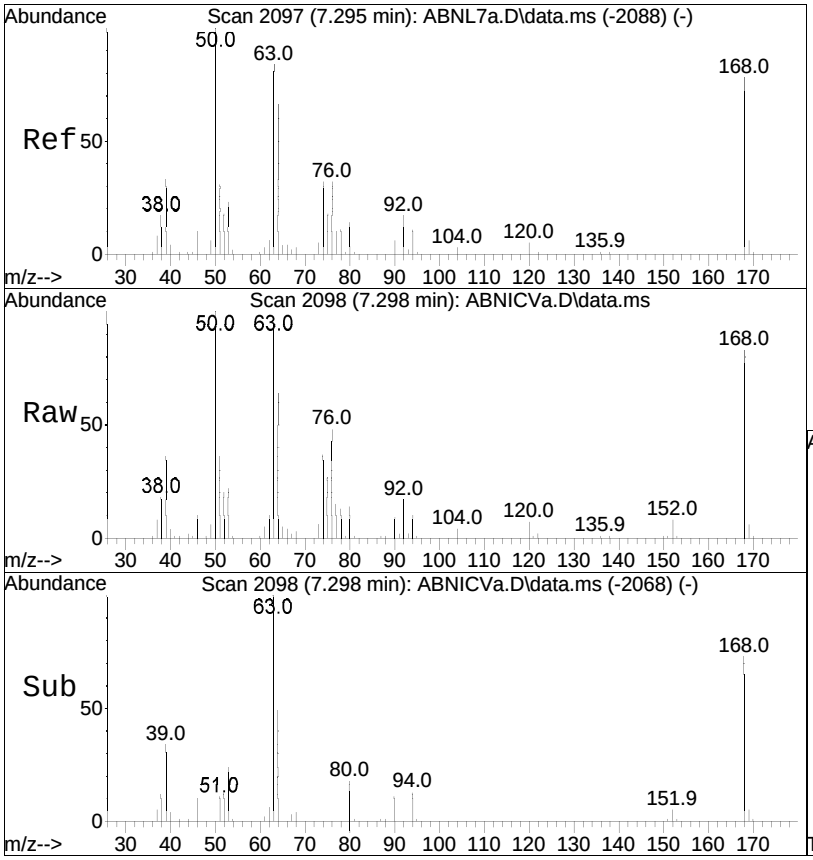


#53
2,6-Dinitrotoluene
Concen: 56.65 ug/ml
RT: 7.258 min Scan# 2084
Delta R.T. -0.015 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:165 Resp: 179534

Ion	Ratio	Lower	Upper
165	100		
89	55.0	50.4	75.6
63	57.0	56.9	85.3

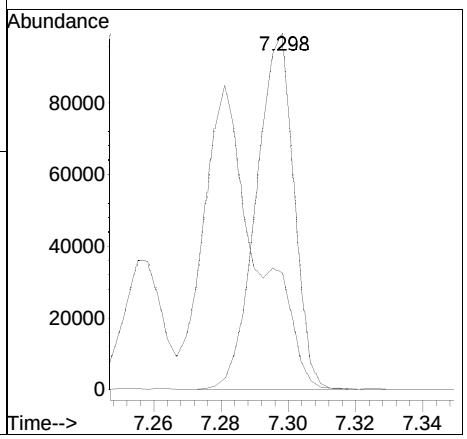


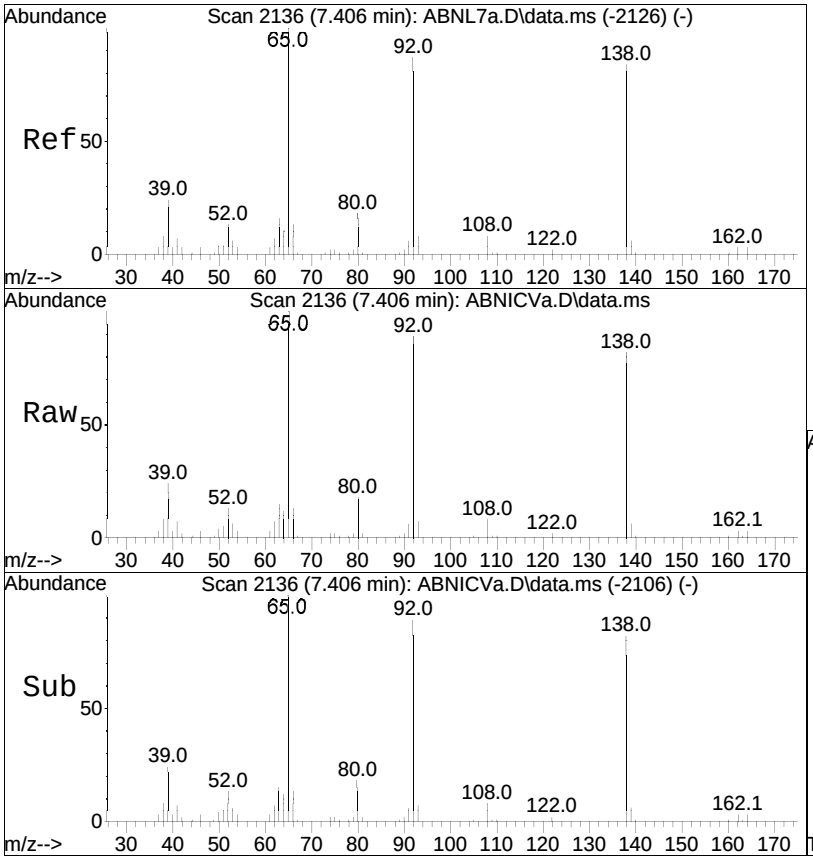


#54
1,2-Dinitrobenzene
Concen: 56.98 ug/ml
RT: 7.298 min Scan# 2098
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:168 Resp: 77331

Ion	Ratio	Lower	Upper
168	100		
75	118.7	105.0	157.6

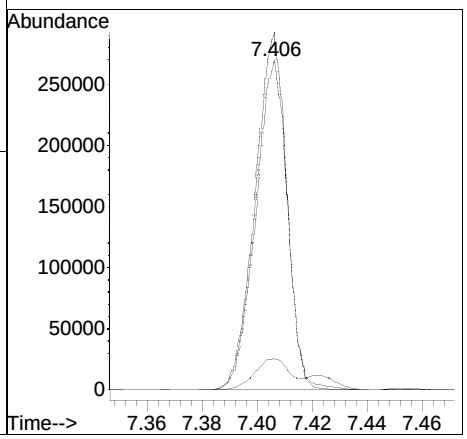


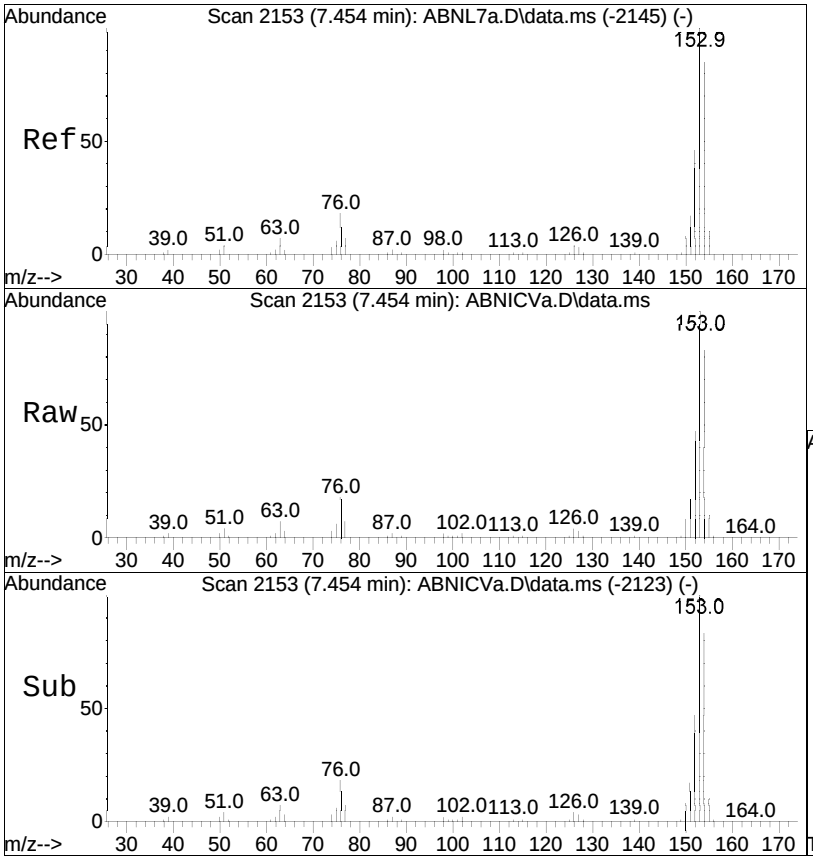


#64
3-Nitroaniline
Concen: 55.08 ug/ml
RT: 7.406 min Scan# 2136
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:138 Resp: 212398

Ion	Ratio	Lower	Upper
138	100		
92	109.3	95.4	143.2
108	10.4	8.6	12.8

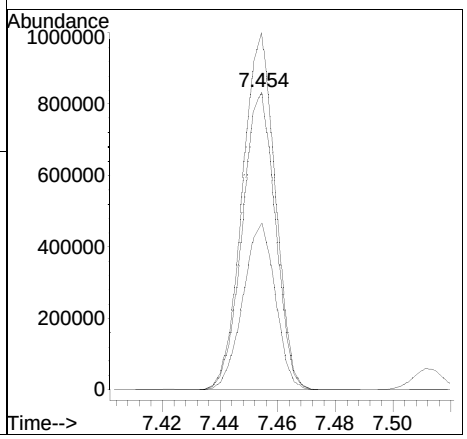


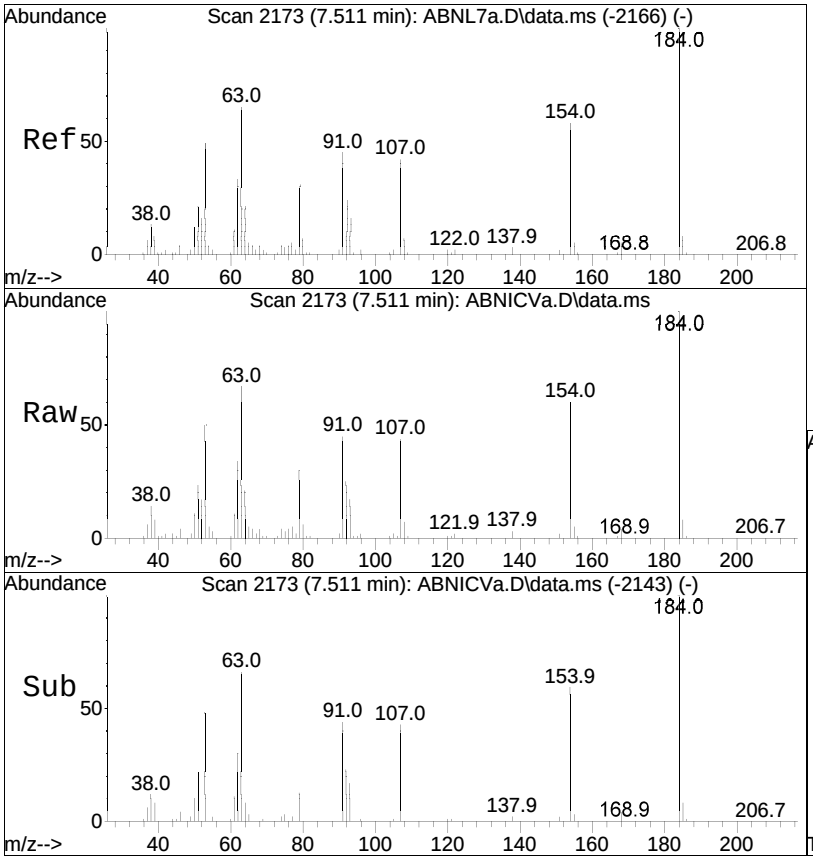


#65
Acenaphthene
Concen: 48.93 ug/ml
RT: 7.454 min Scan# 2153
Delta R.T. -0.015 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:154 Resp: 662132

Ion	Ratio	Lower	Upper
154	100		
153	119.2	91.3	136.9
152	55.3	41.0	61.4

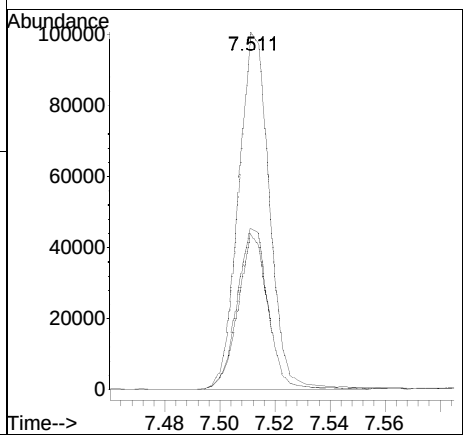


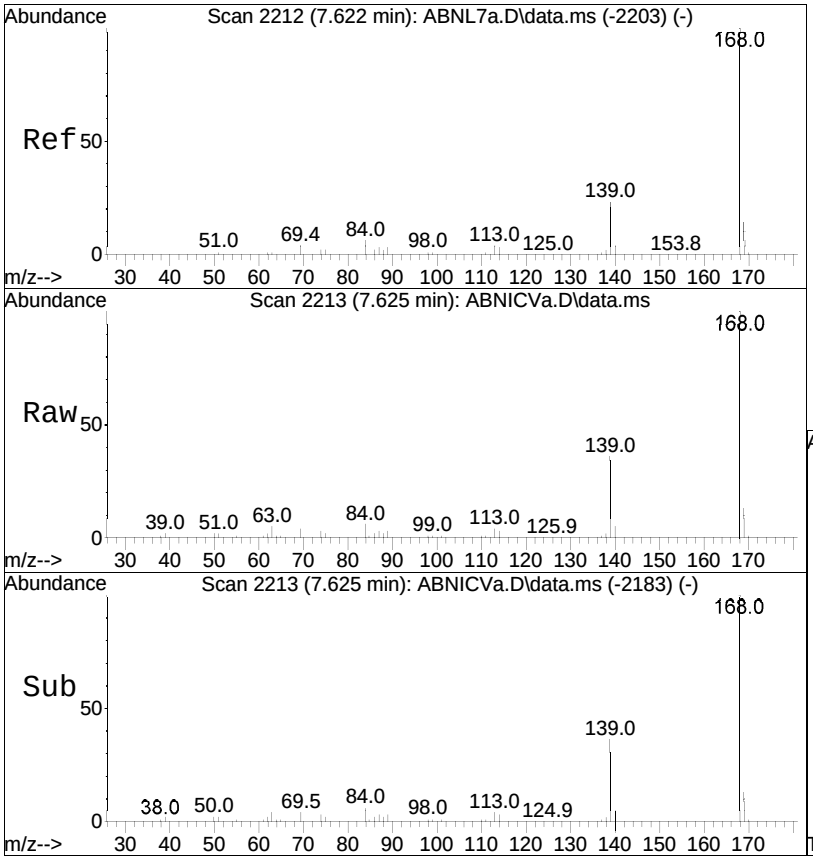


#66
2,4-Dinitrophenol
Concen: 44.70 ug/ml
RT: 7.511 min Scan# 2173
Delta R.T. -0.015 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:184 Resp: 78311

Ion	Ratio	Lower	Upper
184	100		
107	42.2	41.8	62.6
91	45.4	46.1	69.1#

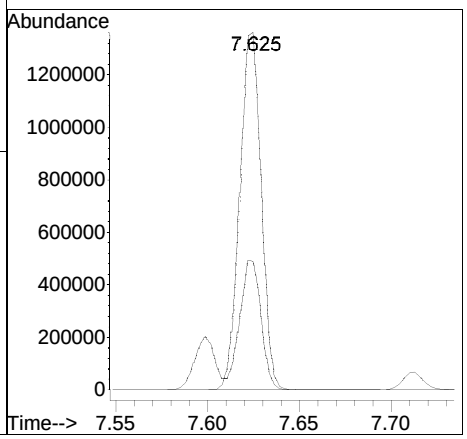


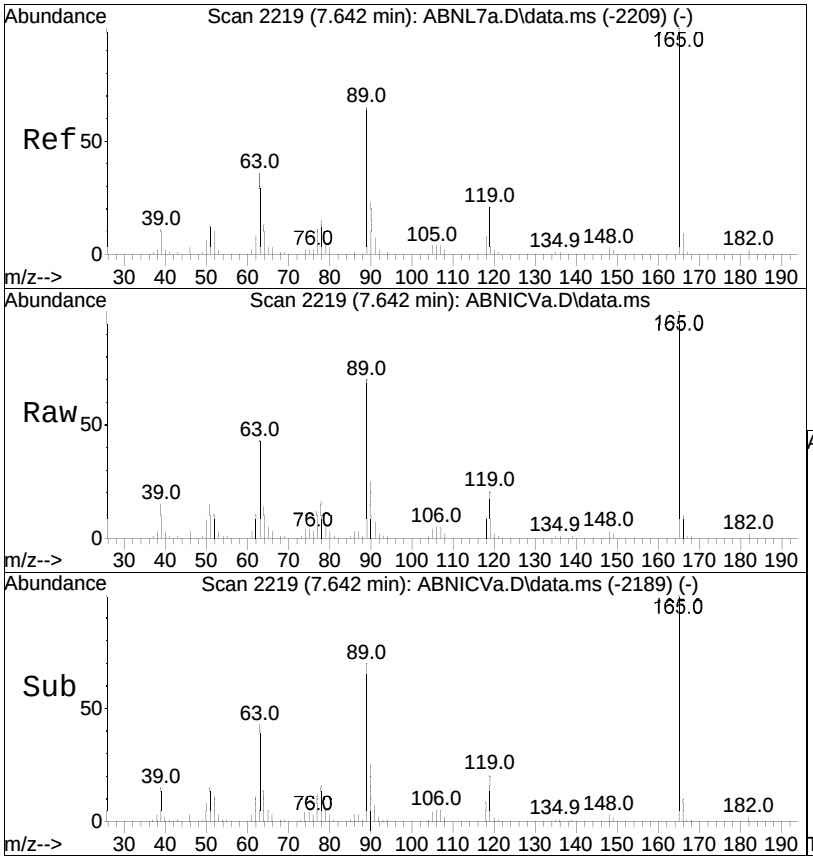


#67
Dibenzofuran
Concen: 49.35 ug/ml
RT: 7.625 min Scan# 2213
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:168 Resp: 1092552

Ion	Ratio	Lower	Upper
168	100		
139	35.8	33.2	49.8

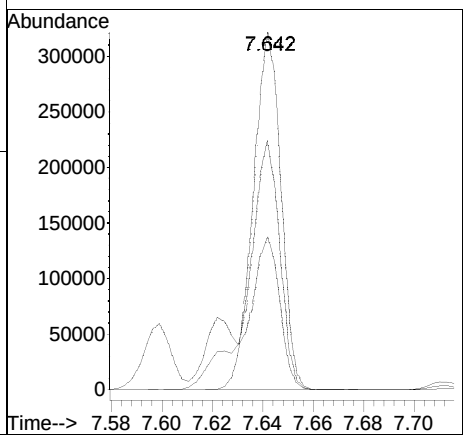


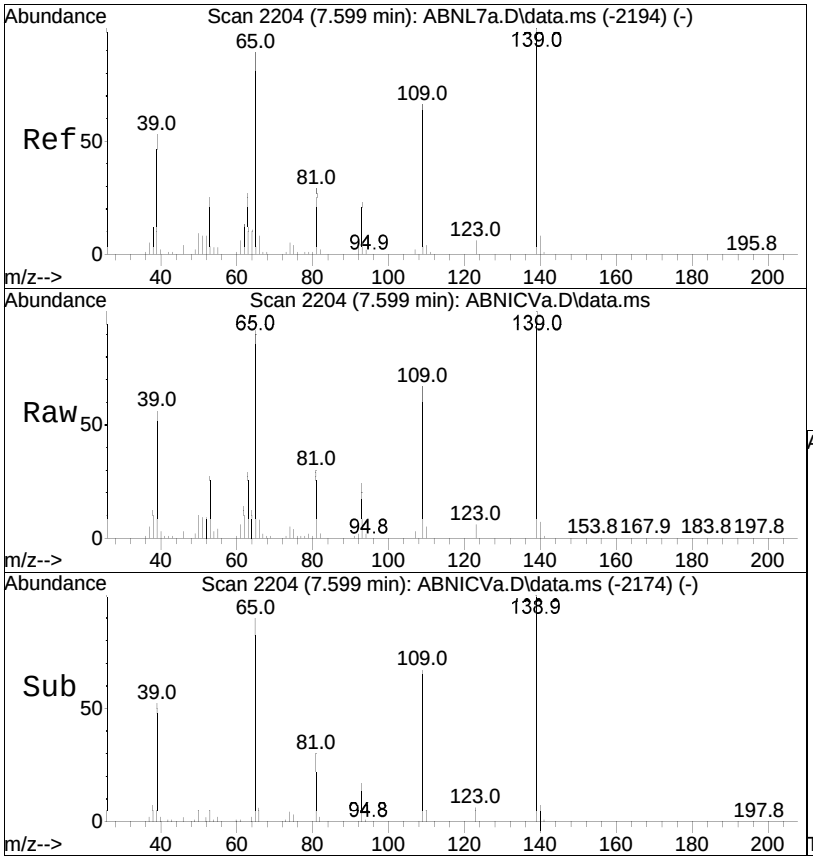


#68
2,4-Dinitrotoluene
Concen: 55.19 ug/ml
RT: 7.642 min Scan# 2219
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:165 Resp: 243897

Ion	Ratio	Lower	Upper
165	100		
89	80.3	75.7	113.5
63	41.5	62.6	94.0#

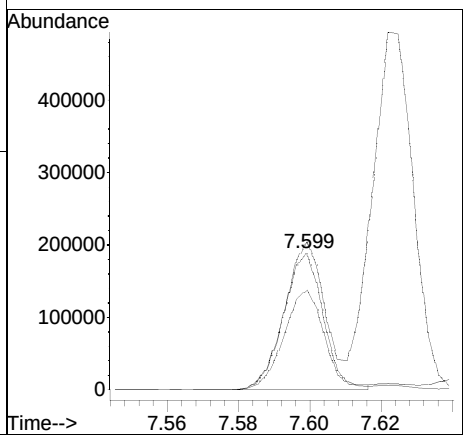


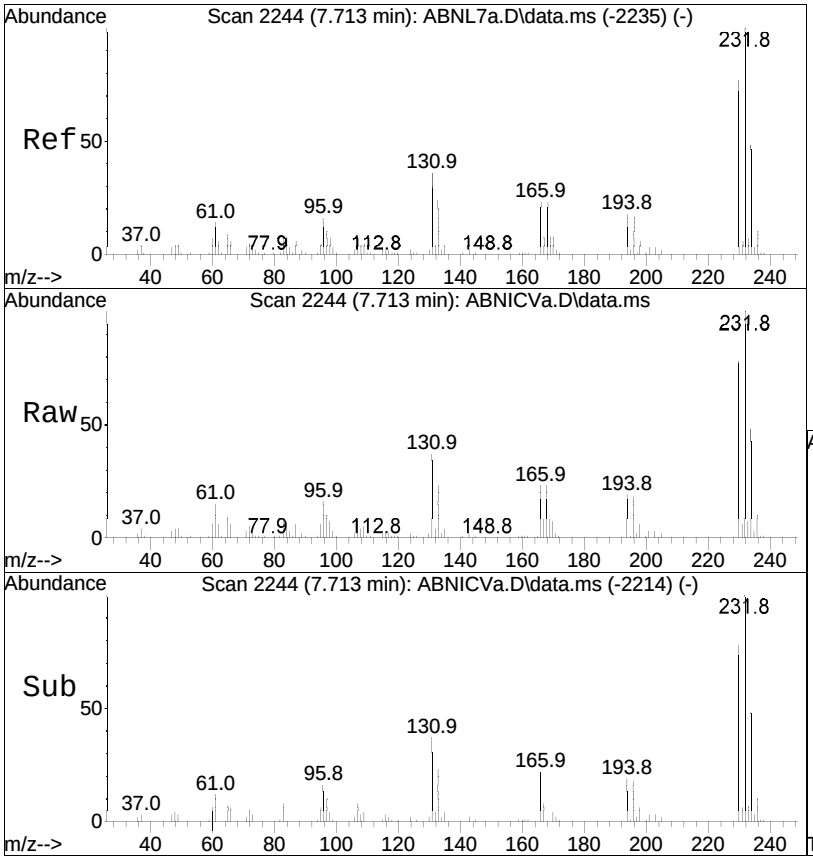


#69
4-Nitrophenol
Concen: 53.97 ug/ml
RT: 7.599 min Scan# 2204
Delta R.T. -0.015 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion: 65 Resp: 146760

Ion	Ratio	Lower	Upper
65	100		
109	73.7	55.4	83.2
139	111.5	72.9	109.3#

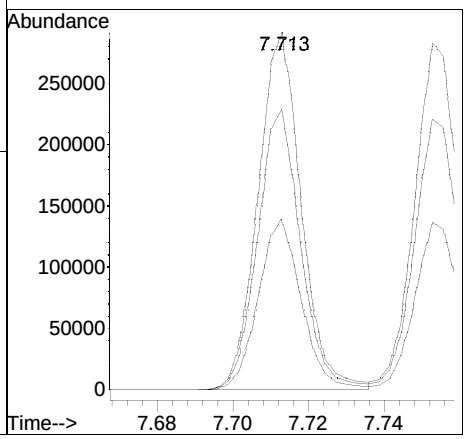


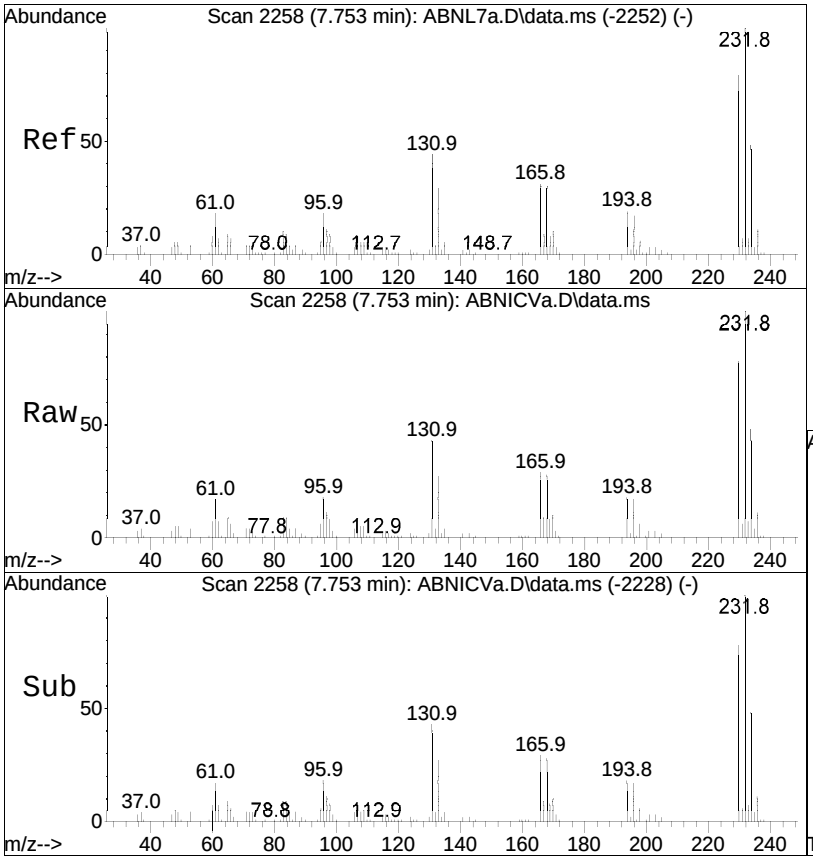


#70
2,3,5,6-Tetrachlorophenol
Concen: 55.08 ug/ml
RT: 7.713 min Scan# 2244
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:232 Resp: 231390

Ion	Ratio	Lower	Upper
232	100		
230	78.3	65.0	97.6
234	47.7	37.8	56.8

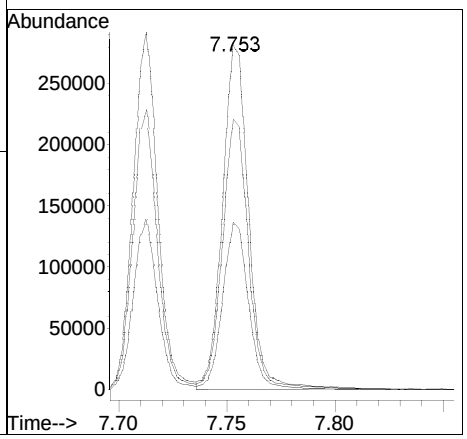


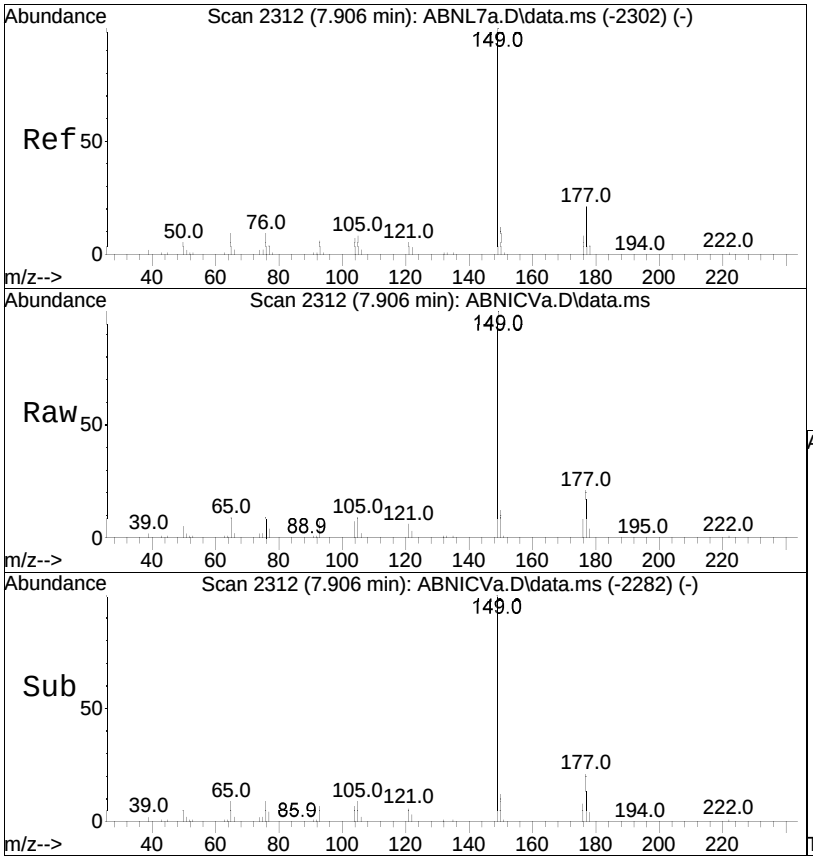


#71
2,3,4,6-Tetrachlorophenol
Concen: 55.39 ug/ml
RT: 7.753 min Scan# 2258
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:232 Resp: 234392

Ion	Ratio	Lower	Upper
232	100		
230	78.9	63.7	95.5
234	48.4	38.4	57.6

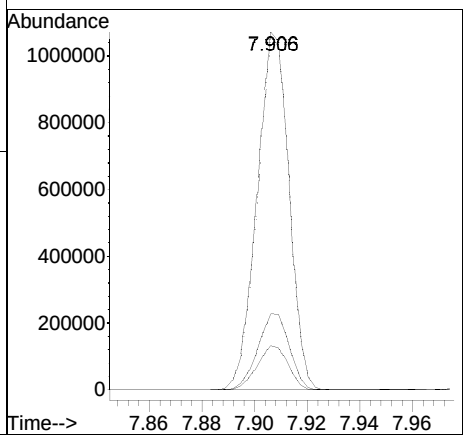


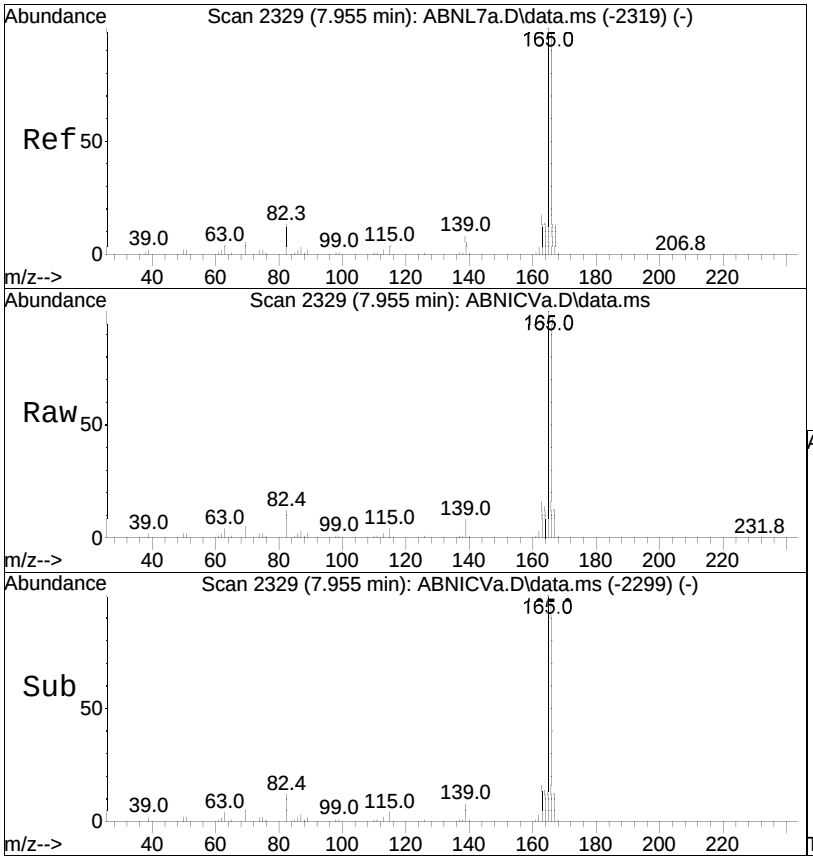


#72
Diethyl phthalate
Concen: 51.28 ug/ml
RT: 7.906 min Scan# 2312
Delta R.T. -0.015 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:149 Resp: 890507

Ion	Ratio	Lower	Upper
149	100		
177	21.3	15.5	23.3
150	12.3	9.5	14.3

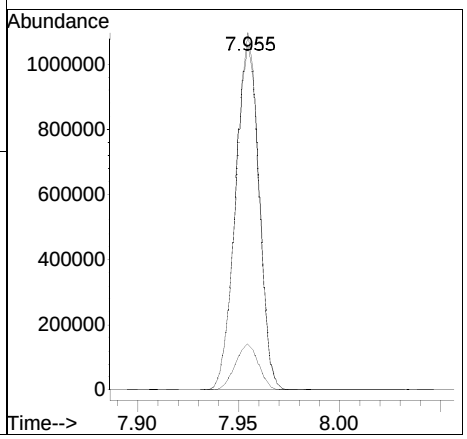


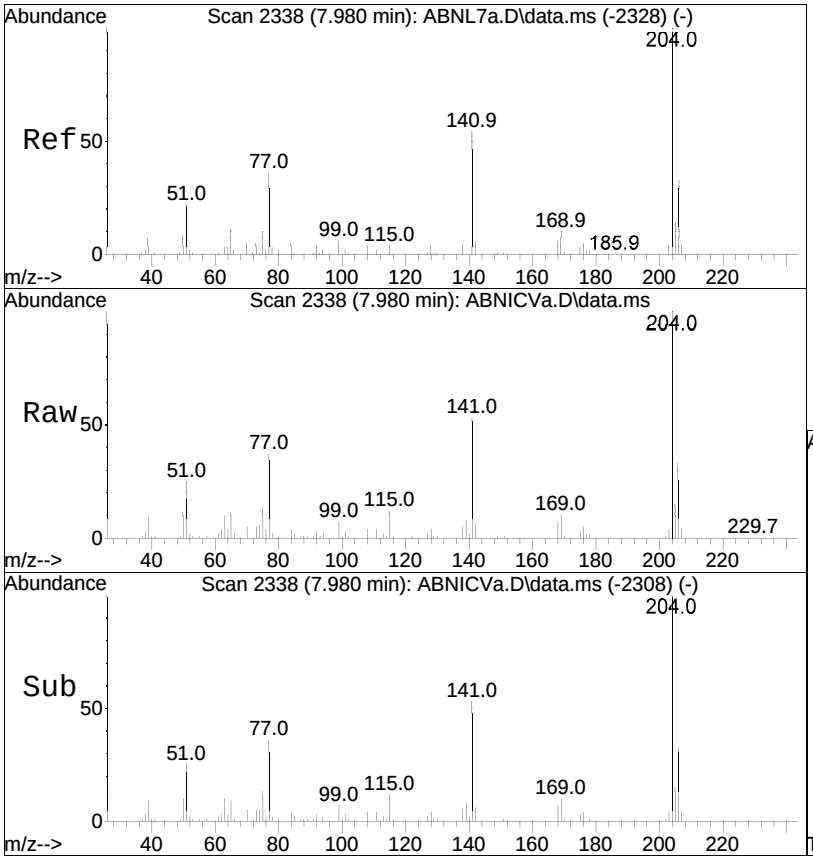


#73
Fluorene
Concen: 49.86 ug/ml
RT: 7.955 min Scan# 2329
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:166 Resp: 861517

Ion	Ratio	Lower	Upper
166	100		
165	102.4	79.3	118.9
167	13.3	10.6	16.0

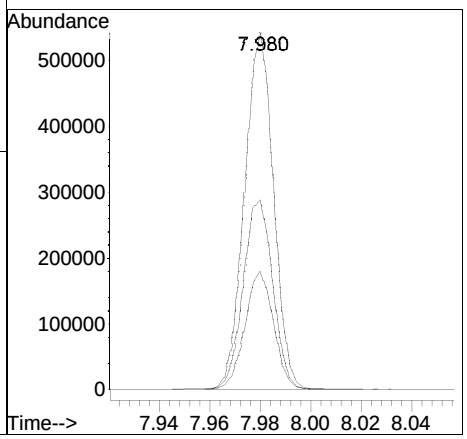


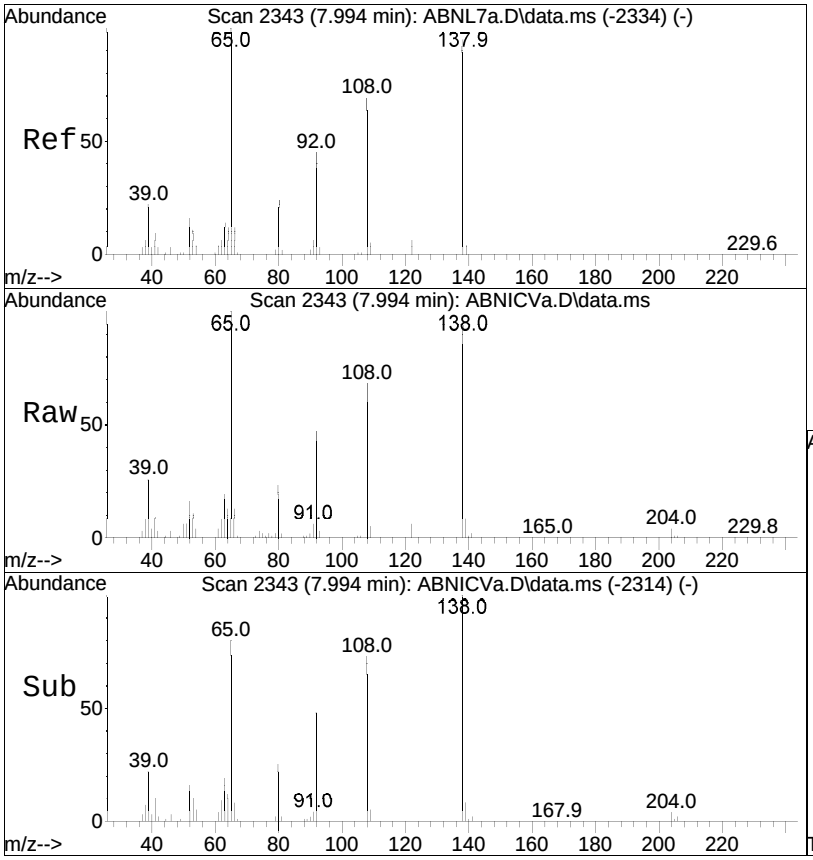


#74
4-Chlorophenyl phenyl ether
Concen: 48.97 ug/ml
RT: 7.980 min Scan# 2338
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:204 Resp: 430091

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.4
141	54.3	57.2	85.8#

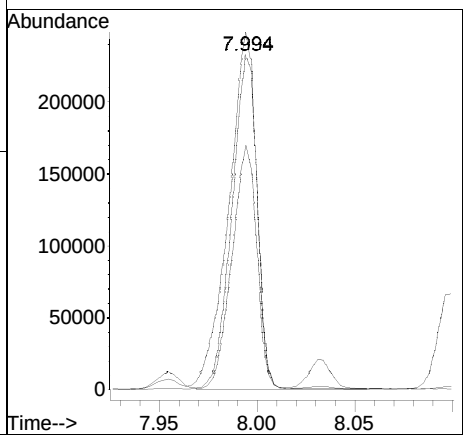


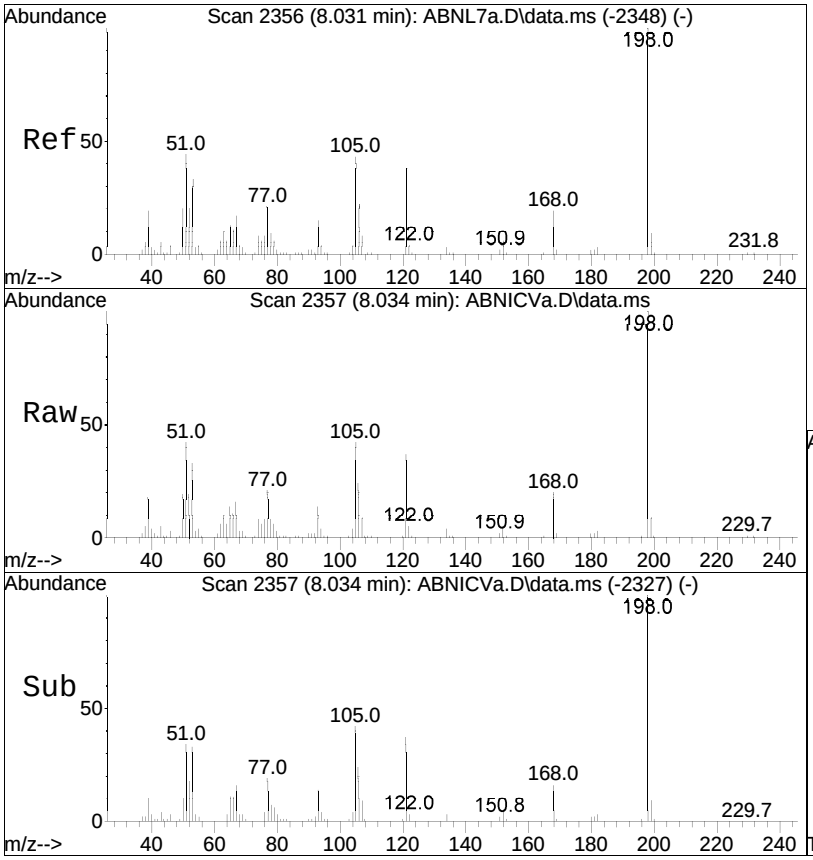


#75
4-Nitroaniline
Concen: 58.07 ug/ml
RT: 7.994 min Scan# 2343
Delta R.T. -0.017 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:138 Resp: 209183

Ion	Ratio	Lower	Upper
138	100		
108	71.5	62.7	94.1
65	116.5	107.8	161.6

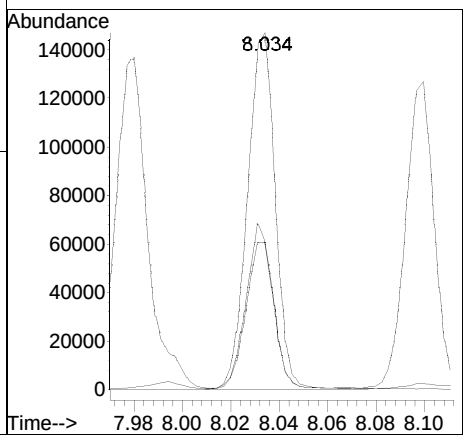


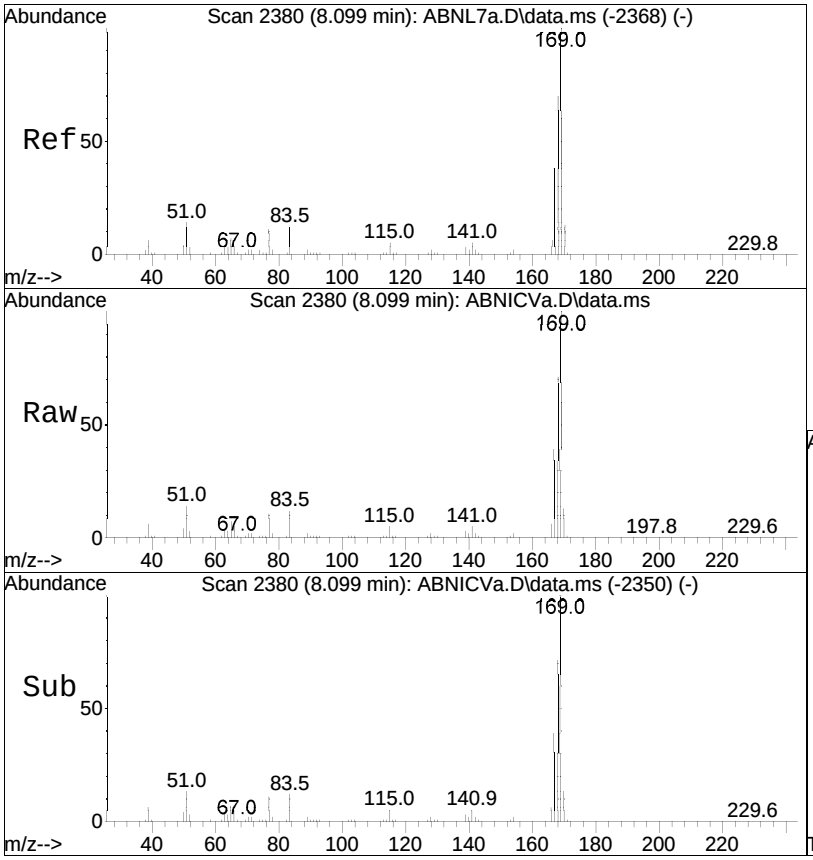


#76
4,6-Dinitro-o-cresol
Concen: 52.15 ug/ml
RT: 8.034 min Scan# 2357
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:198 Resp: 117231

Ion	Ratio	Lower	Upper
198	100		
51	44.6	59.0	88.4#
105	42.0	45.0	67.6#

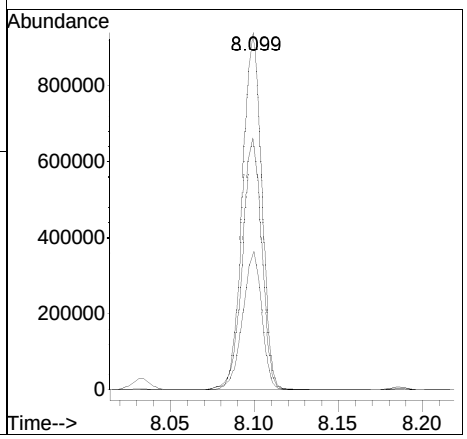


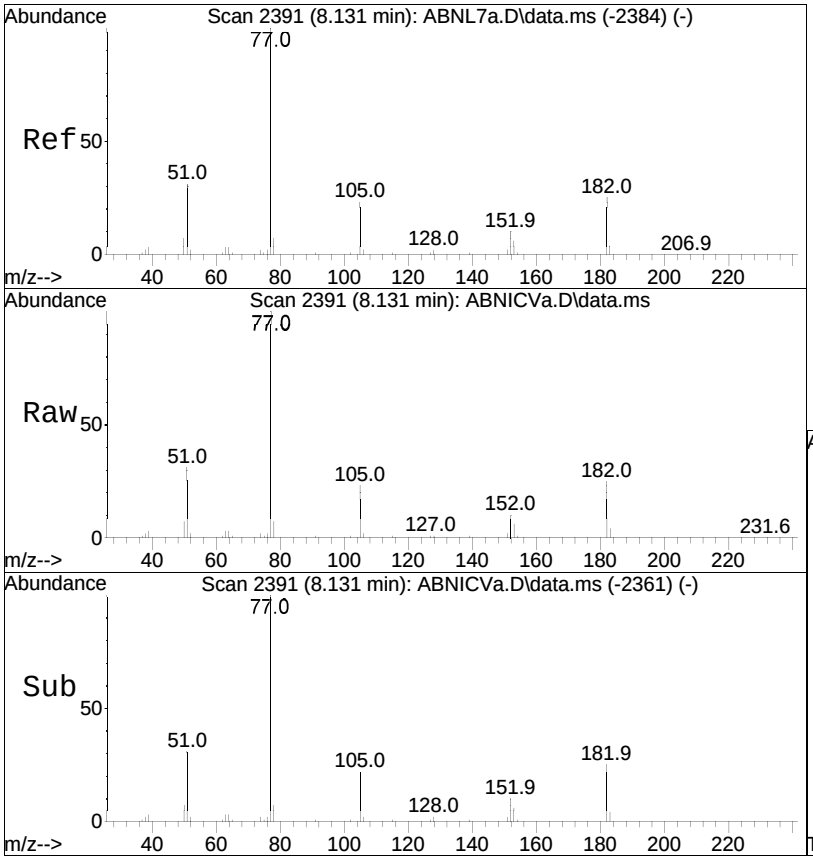


#77
NDPA/DPA
Concen: 50.49 ug/ml
RT: 8.099 min Scan# 2380
Delta R.T. -0.015 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:169 Resp: 743382

Ion	Ratio	Lower	Upper
169	100		
168	71.2	55.4	83.0
167	39.2	30.3	45.5

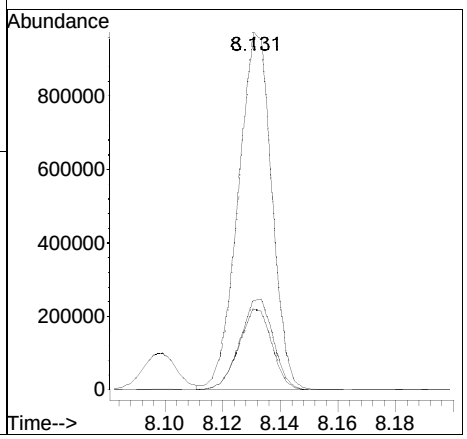


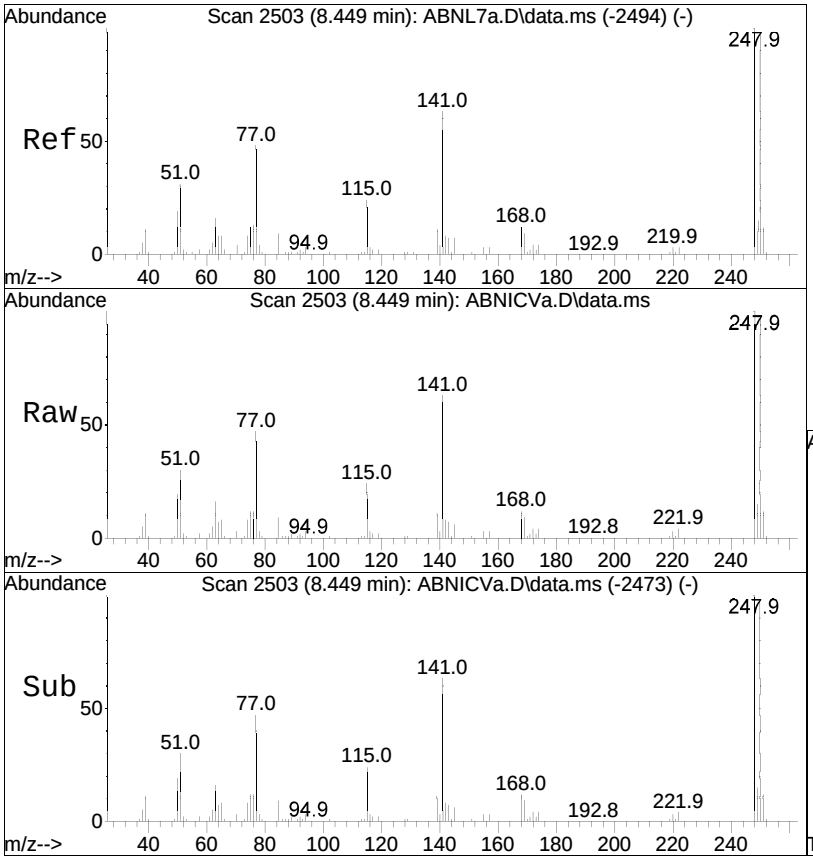


#78
Azobenzene
Concen: 50.53 ug/ml
RT: 8.131 min Scan# 2391
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion: 77 Resp: 782671

Ion	Ratio	Lower	Upper
77	100		
182	25.5	16.0	24.0#
105	22.3	15.6	23.4

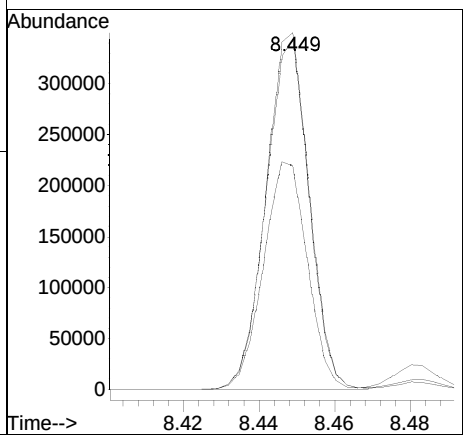


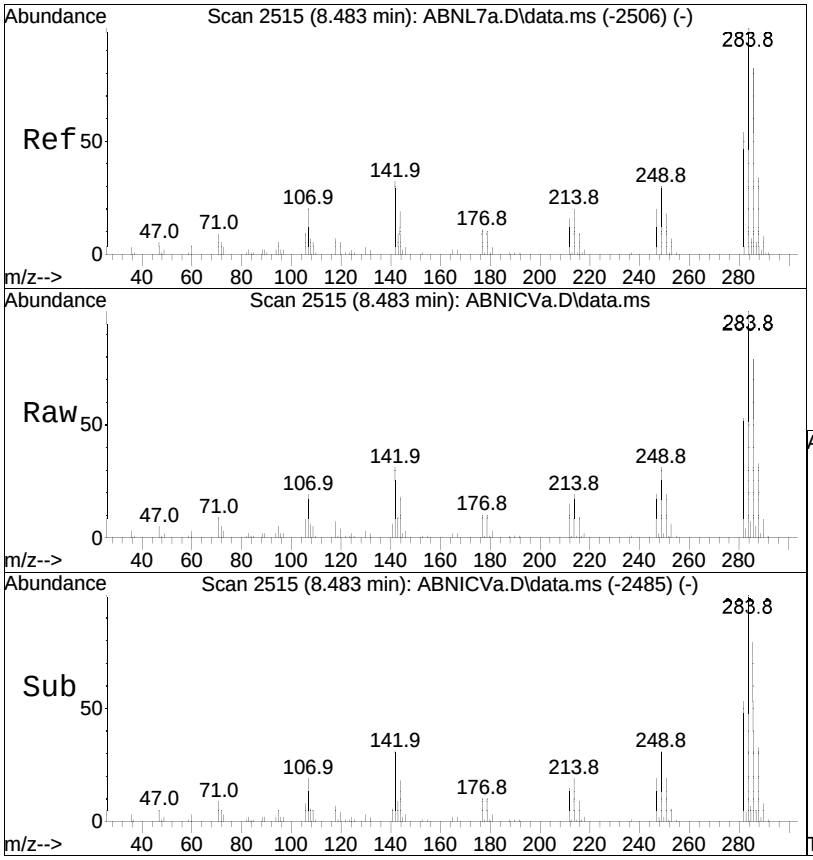


#80
4-Bromophenyl phenyl ether
Concen: 49.82 ug/ml
RT: 8.449 min Scan# 2503
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:248 Resp: 277790

Ion	Ratio	Lower	Upper
248	100		
141	65.0	76.8	115.2#
250	97.3	79.7	119.5

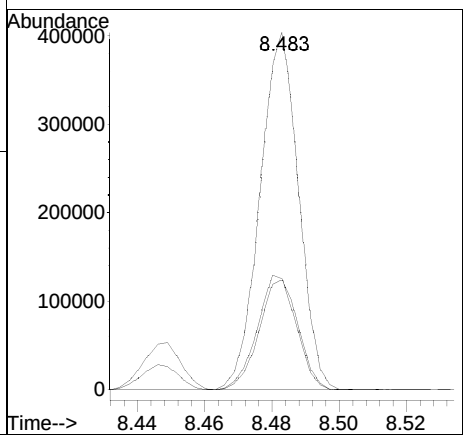


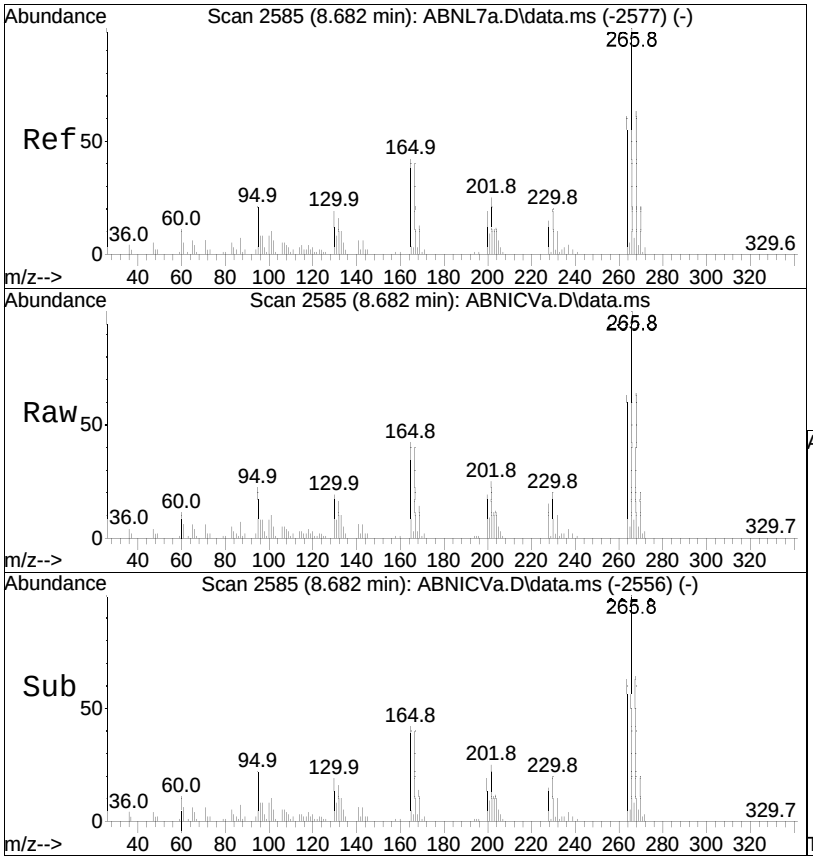


#81
Hexachlorobenzene
Concen: 49.49 ug/ml
RT: 8.483 min Scan# 2515
Delta R.T. -0.014 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:284 Resp: 319839

Ion	Ratio	Lower	Upper
284	100		
142	32.7	35.8	53.6#
249	31.6	24.7	37.1

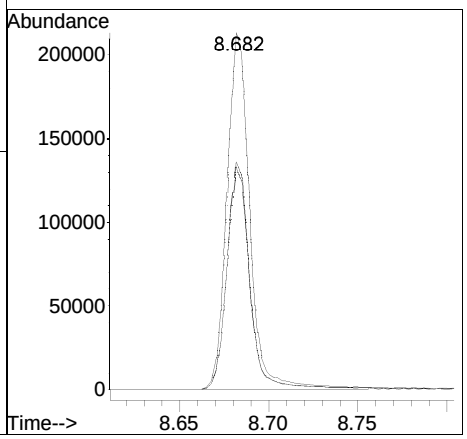


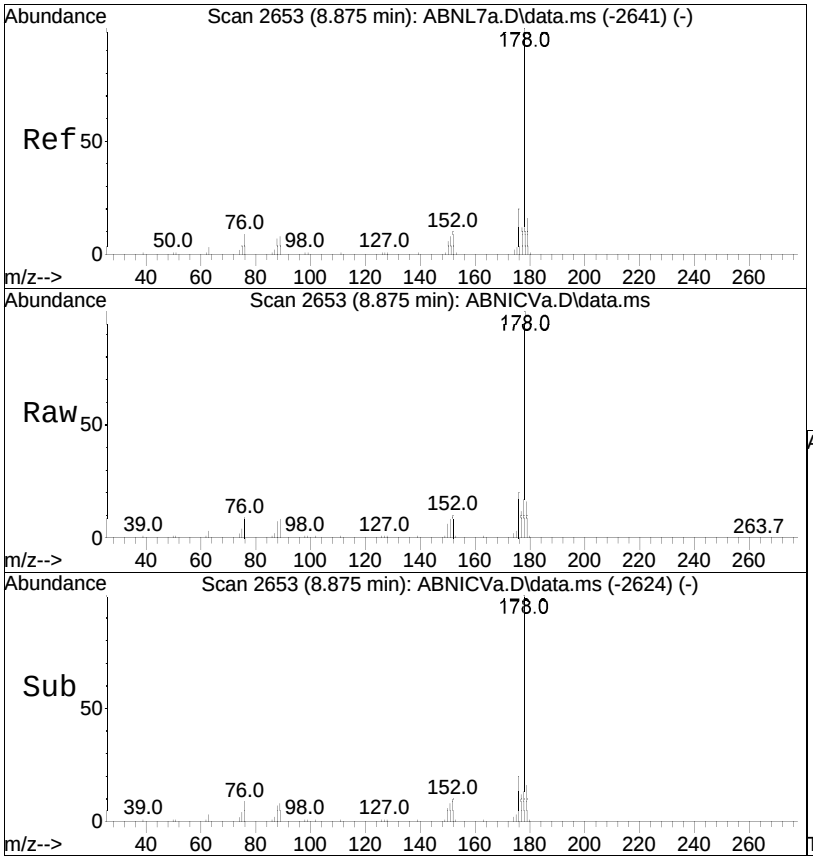


#82
Pentachlorophenol
Concen: 48.27 ug/ml
RT: 8.682 min Scan# 2585
Delta R.T. -0.017 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:266 Resp: 189482

Ion	Ratio	Lower	Upper
266	100		
264	62.8	51.8	77.6
268	63.9	49.8	74.8

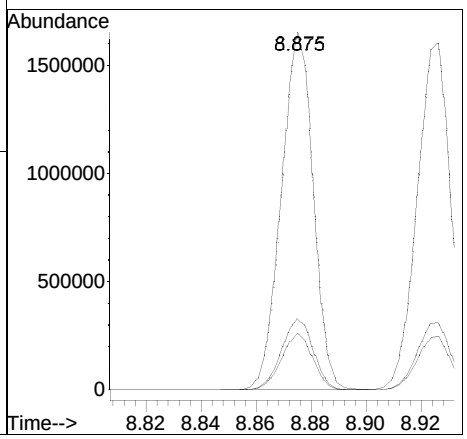


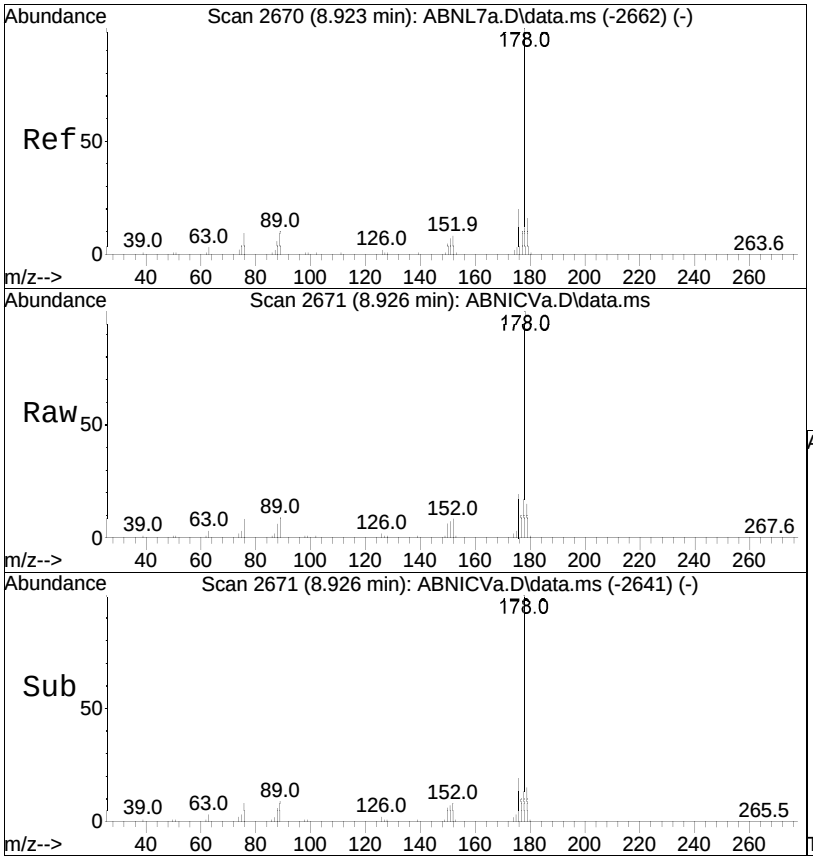


#89
Phenanthrene
Concen: 48.45 ug/ml
RT: 8.875 min Scan# 2653
Delta R.T. -0.017 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:178 Resp: 1331764

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	19.8	15.4	23.2

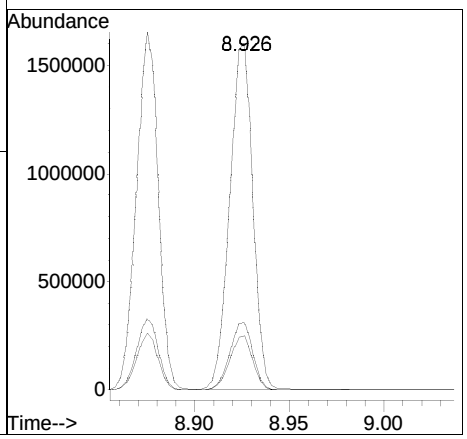


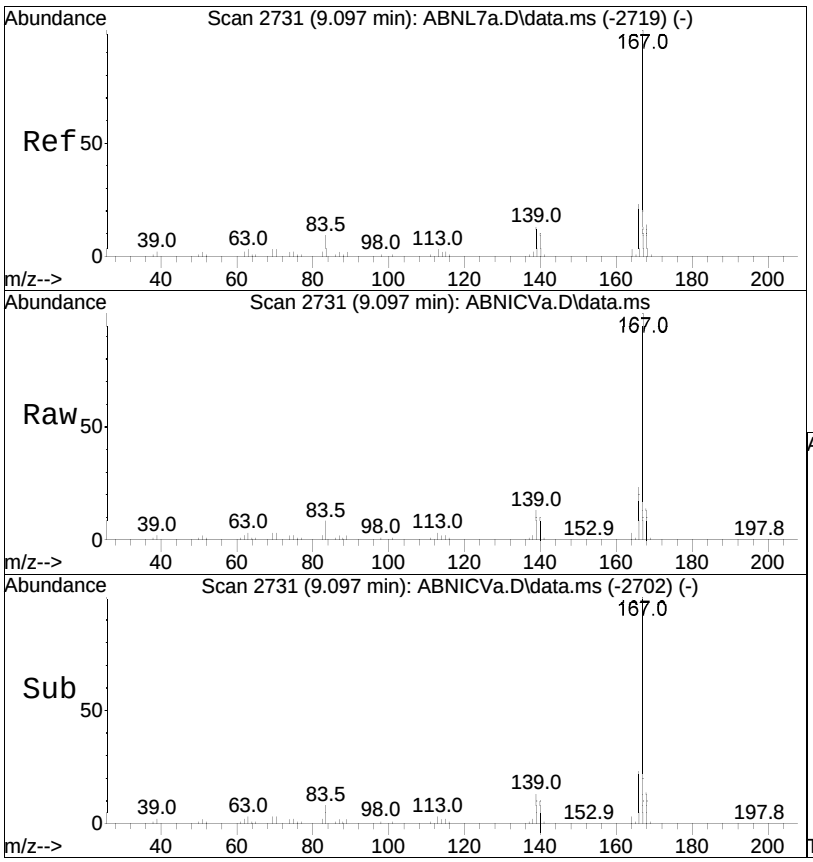


#90
Anthracene
Concen: 49.86 ug/ml
RT: 8.926 min Scan# 2671
Delta R.T. -0.015 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:178 Resp: 1360040

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	19.3	14.8	22.2

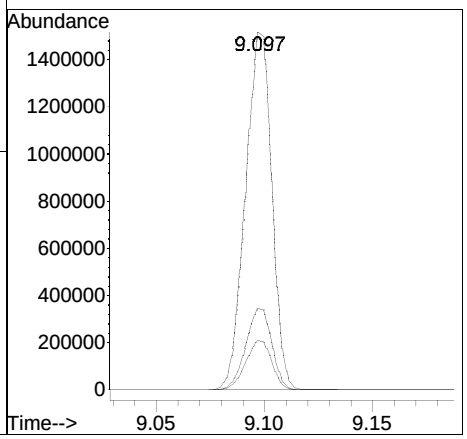


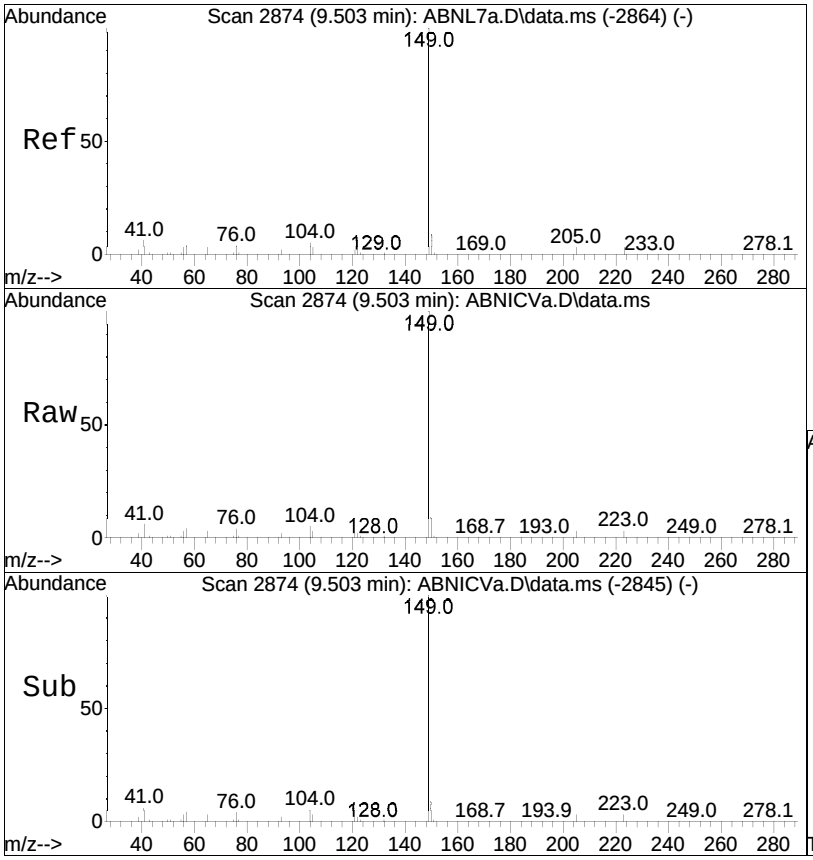


#91
Carbazole
Concen: 51.60 ug/ml
RT: 9.097 min Scan# 2731
Delta R.T. -0.017 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:167 Resp: 1275873

Ion	Ratio	Lower	Upper
167	100		
168	13.8	10.6	15.8
166	22.7	17.7	26.5

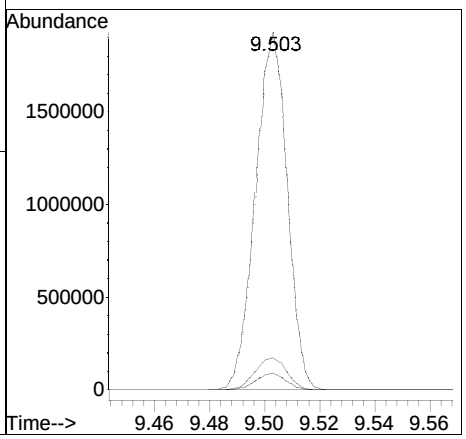


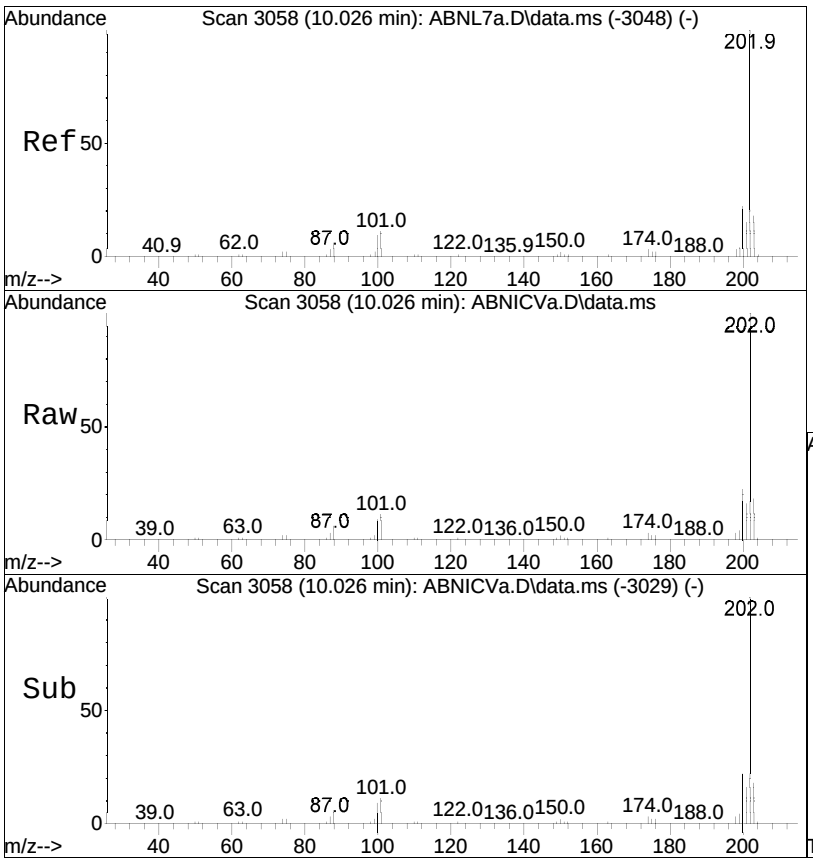


#92
Di-n-butylphthalate
Concen: 54.46 ug/ml
RT: 9.503 min Scan# 2874
Delta R.T. -0.017 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:149 Resp: 1522951

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.6	4.2	6.2

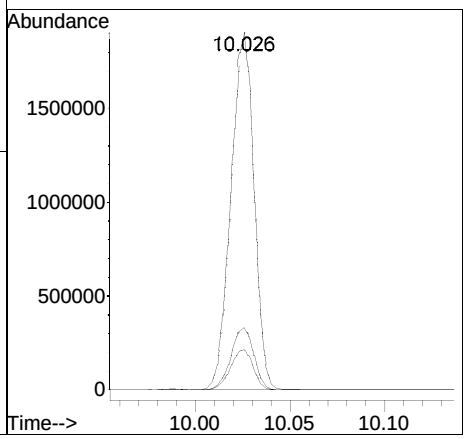


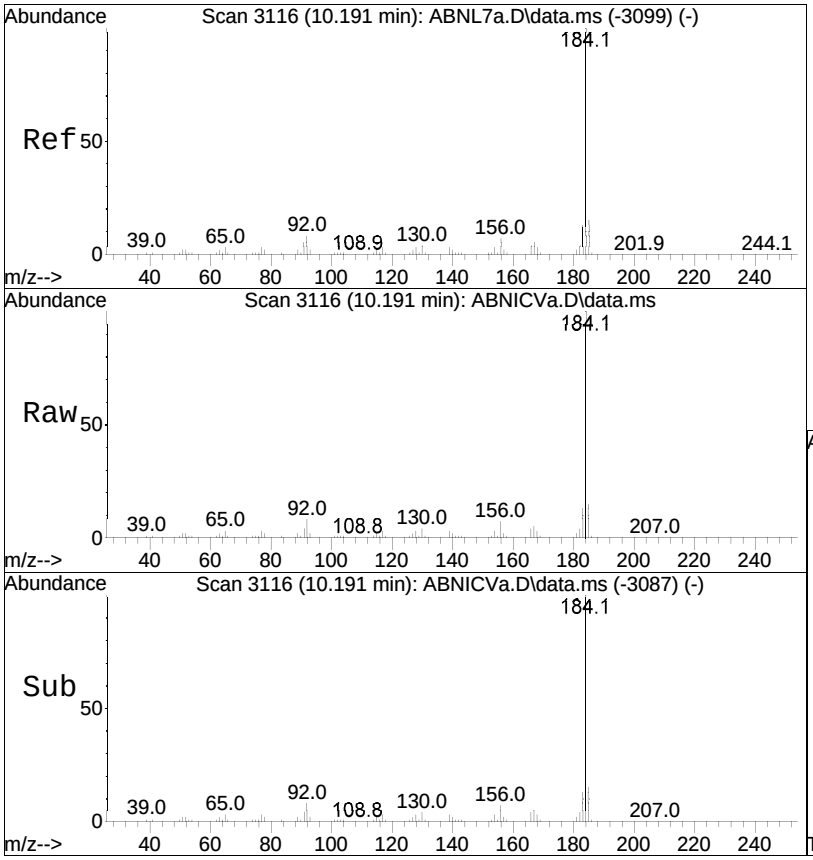


#93
Fluoranthene
Concen: 51.87 ug/ml
RT: 10.026 min Scan# 3058
Delta R.T. -0.017 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:202 Resp: 1597610

Ion	Ratio	Lower	Upper
202	100		
101	11.3	11.4	17.0#
203	17.4	13.9	20.9

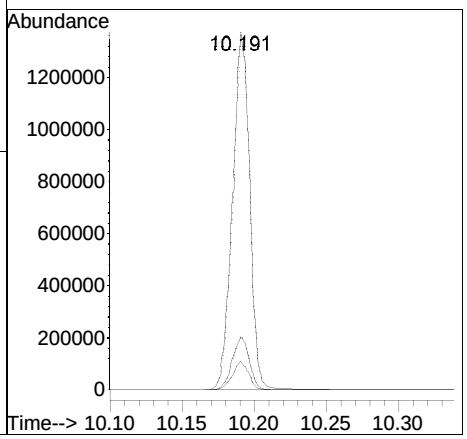


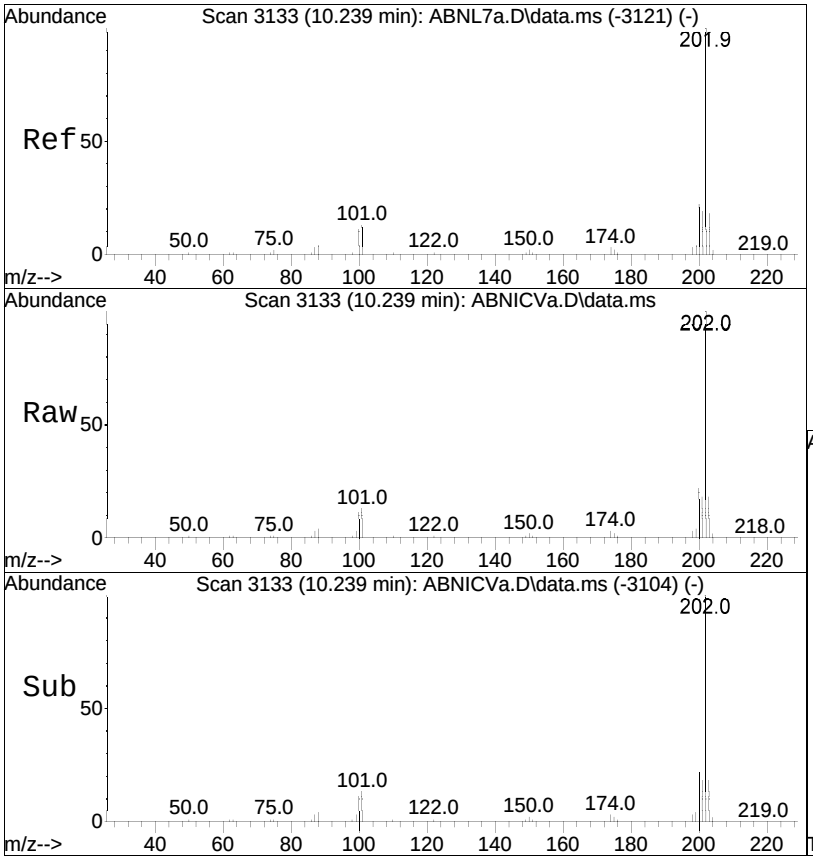


#94
Benzidine
Concen: 55.81 ug/ml
RT: 10.191 min Scan# 3116
Delta R.T. -0.017 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:184 Resp: 1116990

Ion	Ratio	Lower	Upper
184	100		
92	7.6	7.6	11.4
185	14.9	11.5	17.3

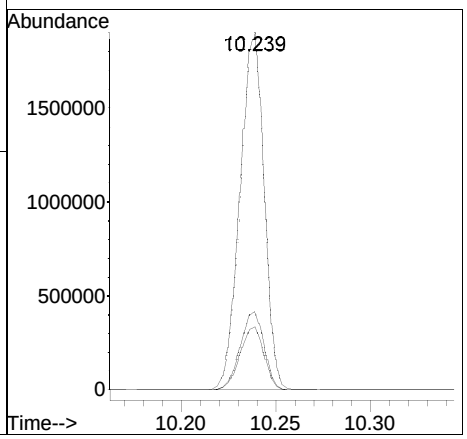


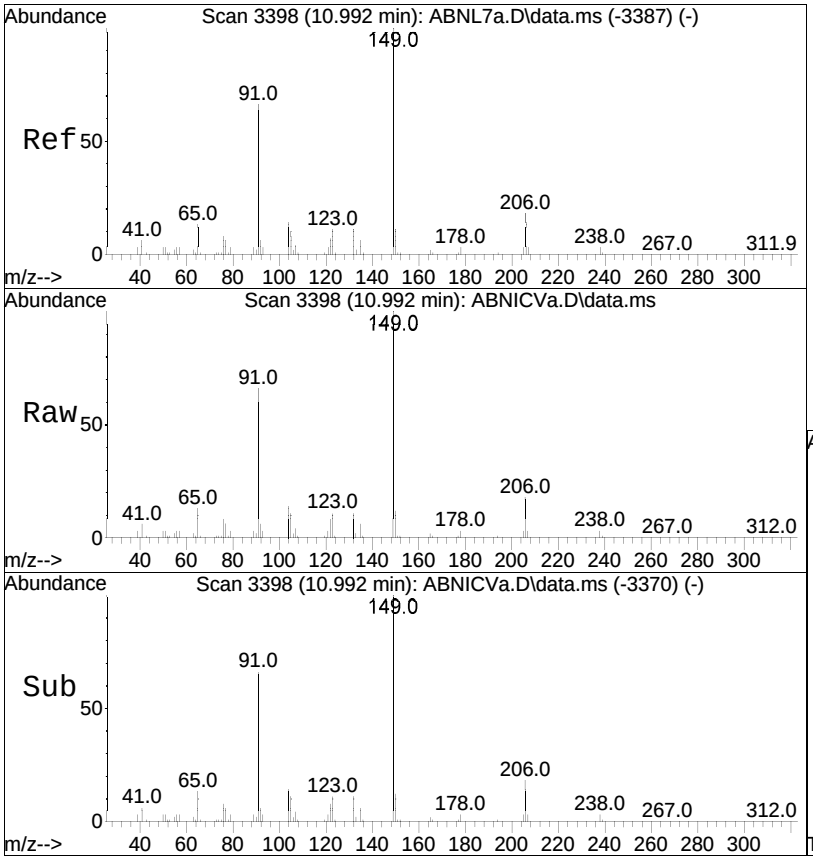


#95
Pyrene
Concen: 51.08 ug/ml
RT: 10.239 min Scan# 3133
Delta R.T. -0.017 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:202 Resp: 1661161

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.0	25.4
203	17.7	14.2	21.2

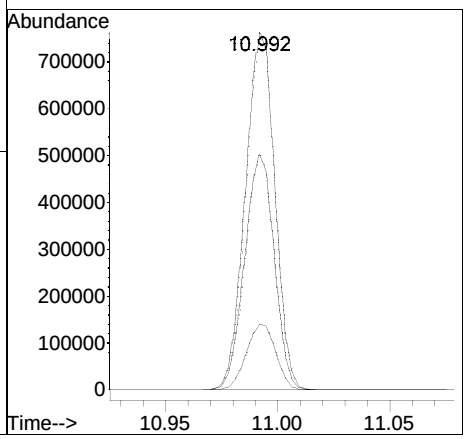


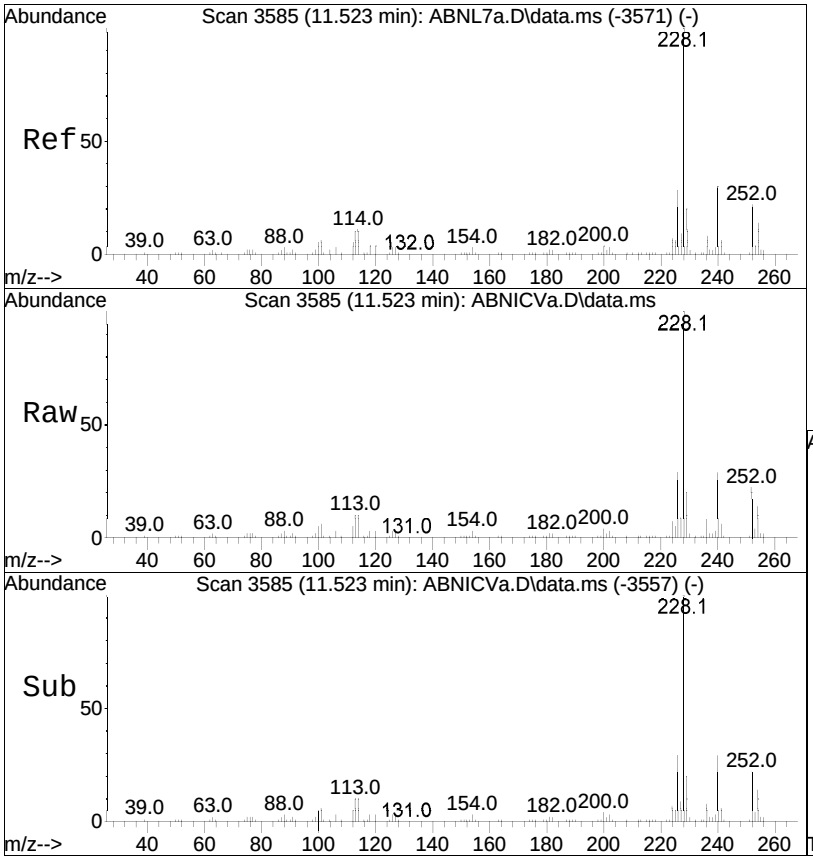


#97
Butyl benzyl phthalate
Concen: 55.50 ug/ml
RT: 10.992 min Scan# 3398
Delta R.T. -0.020 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:149 Resp: 688166

Ion	Ratio	Lower	Upper
149	100		
91	66.2	61.2	91.8
206	18.5	12.5	18.7

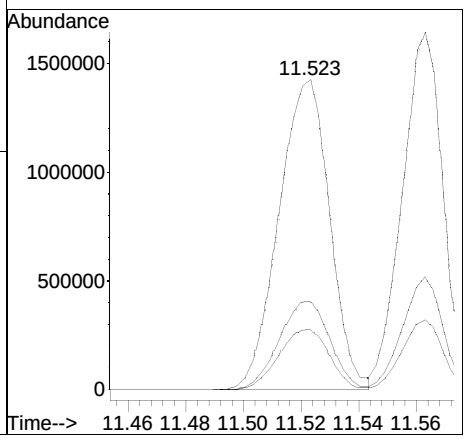


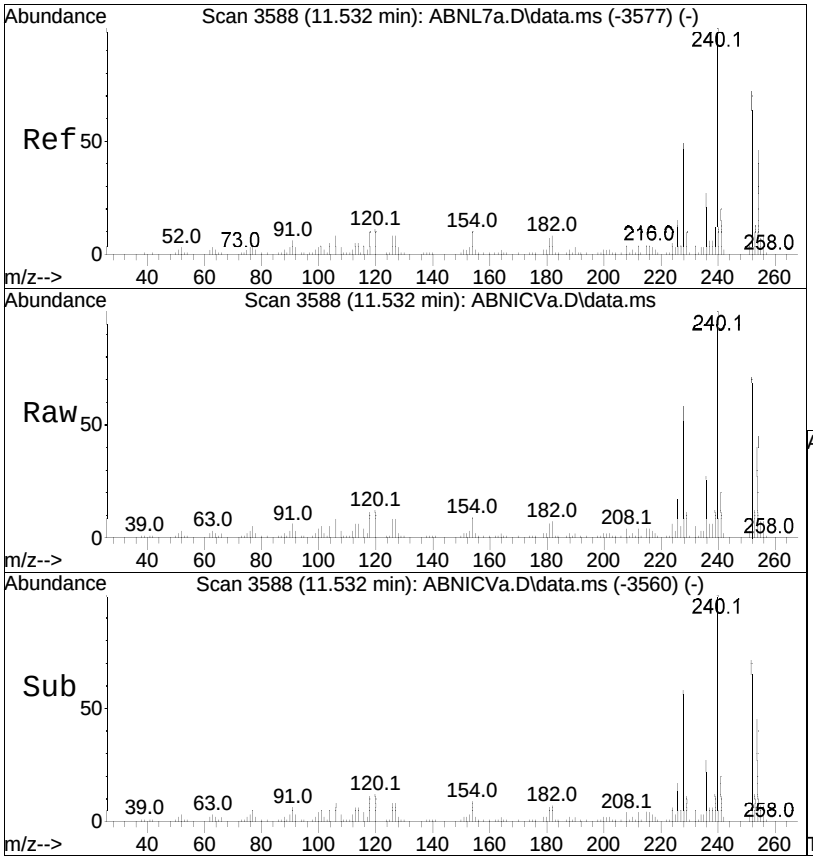


#105
Benzo(a)anthracene
Concen: 49.36 ug/ml
RT: 11.523 min Scan# 3585
Delta R.T. -0.020 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:228 Resp: 1741303

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.2	33.2
229	19.6	15.6	23.4

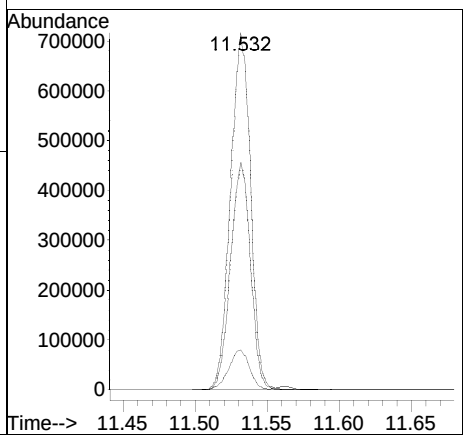


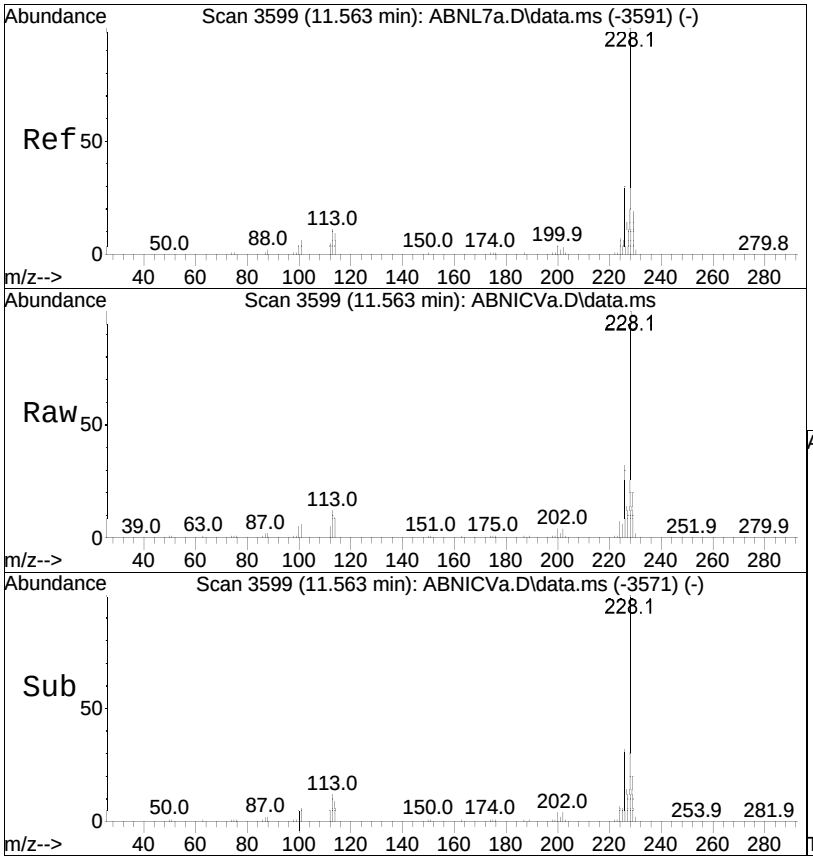


#106
3,3'-Dichlorobenzidine
Concen: 52.31 ug/ml
RT: 11.532 min Scan# 3588
Delta R.T. -0.020 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:252 Resp: 688438

Ion	Ratio	Lower	Upper
252	100		
126	11.9	13.8	20.6#
254	63.5	53.0	79.6

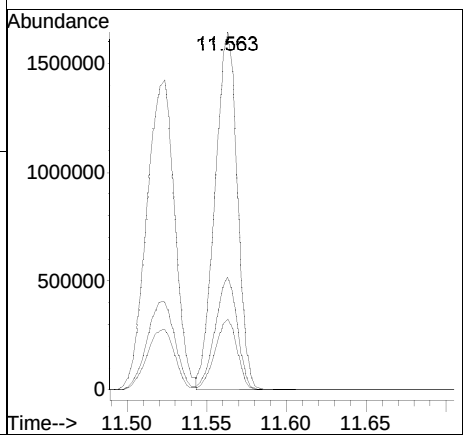


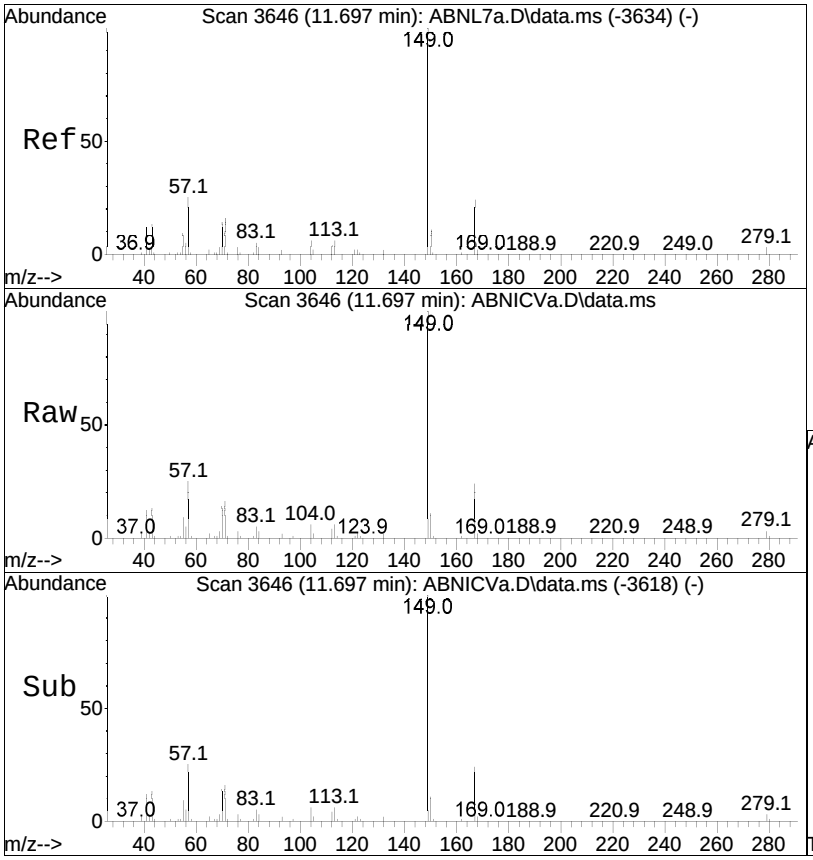


#107
Chrysene
Concen: 48.30 ug/ml
RT: 11.563 min Scan# 3599
Delta R.T. -0.020 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:228 Resp: 1603284

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.6	37.0
229	19.6	15.8	23.6

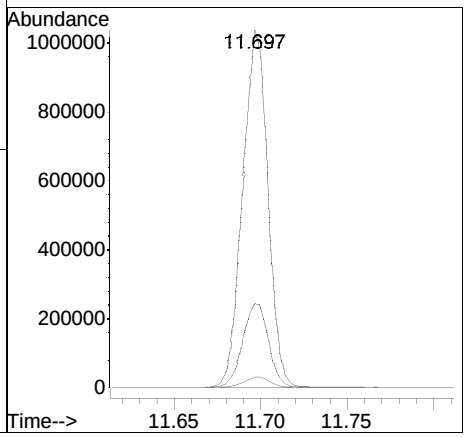


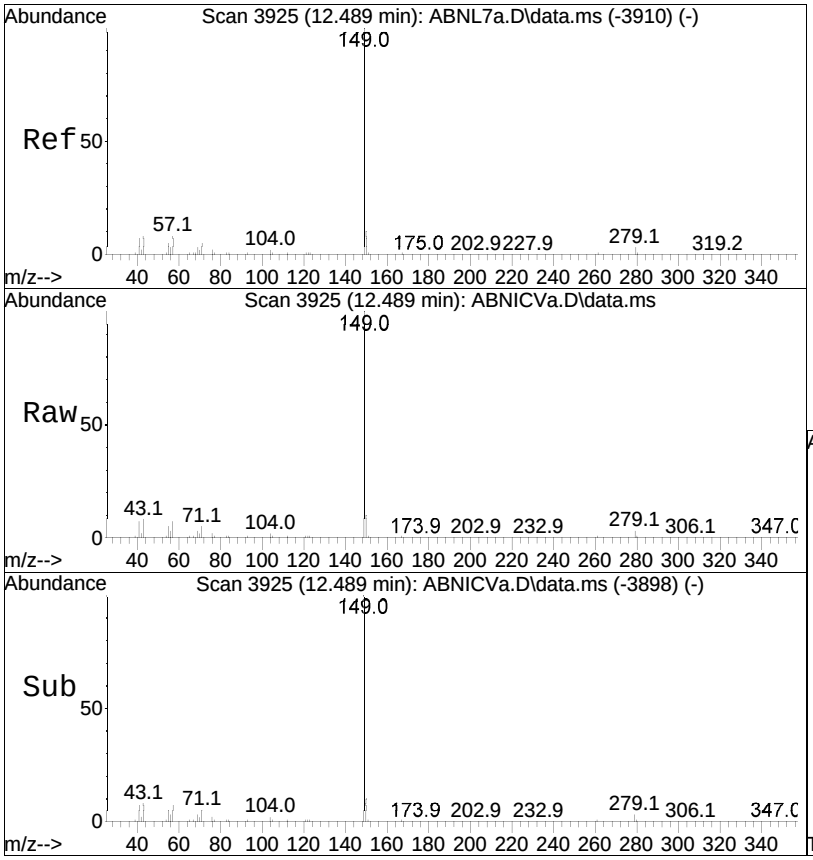


#108
Bis(2-ethylhexyl)phthalate
Concen: 54.57 ug/ml
RT: 11.697 min Scan# 3646
Delta R.T. -0.020 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:149 Resp: 1036586

Ion	Ratio	Lower	Upper
149	100		
167	24.2	19.4	29.0
279	2.8	2.3	3.5

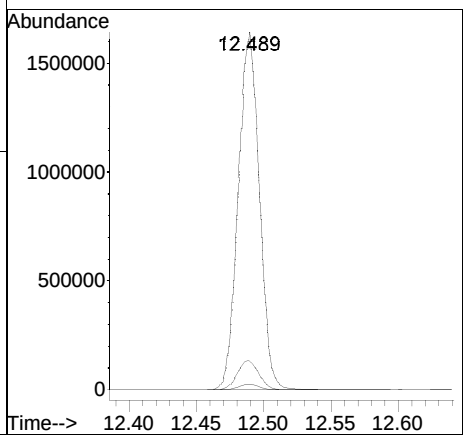


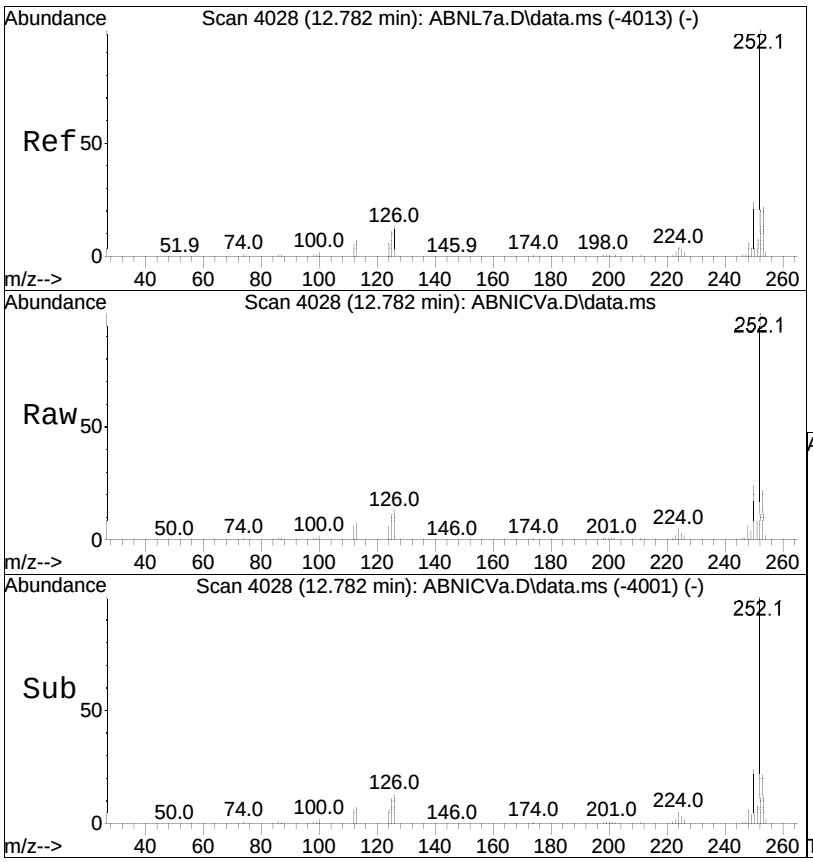


#109
Di-n-octylphthalate
Concen: 46.58 ug/ml
RT: 12.489 min Scan# 3925
Delta R.T. -0.023 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:149 Resp: 1762442

Ion	Ratio	Lower	Upper
149	100		
43	8.4	10.1	15.1#
167	1.4	1.1	1.7

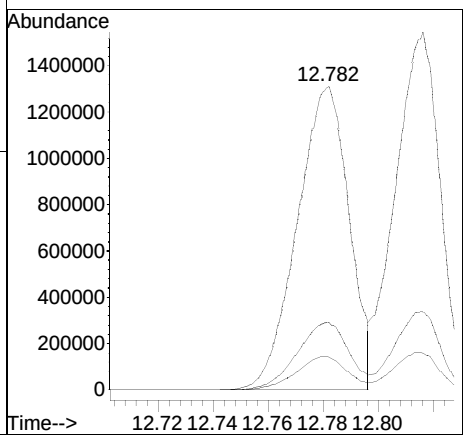


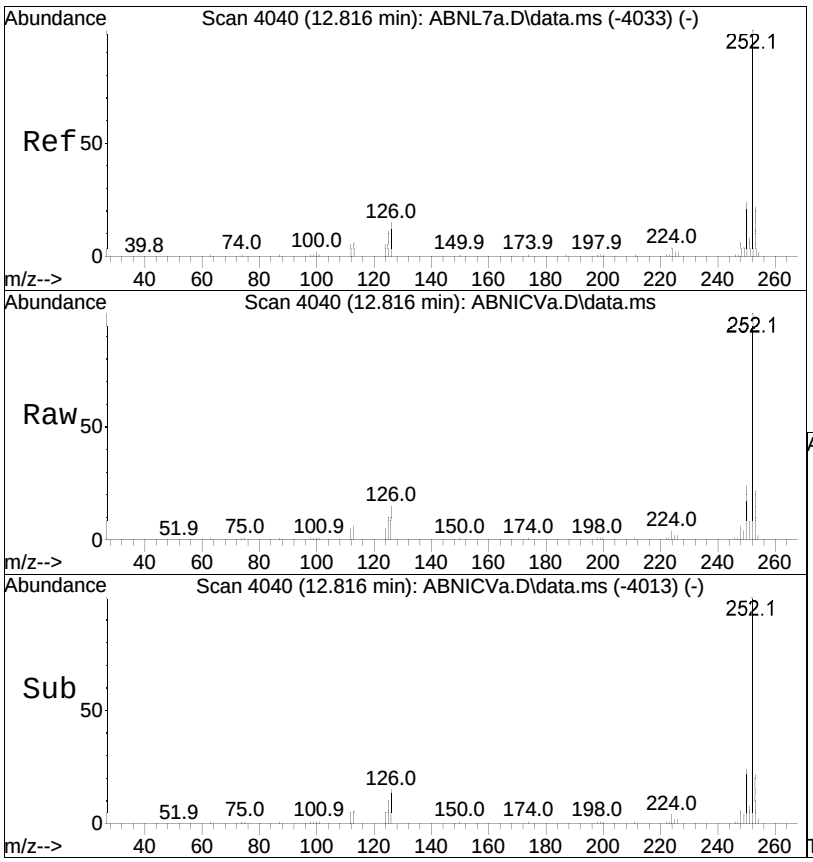


#110
Benzo(b)fluoranthene
Concen: 50.07 ug/ml
RT: 12.782 min Scan# 4028
Delta R.T. -0.023 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:252 Resp: 1717616

Ion	Ratio	Lower	Upper
252	100		
125	10.9	11.6	17.4#
253	22.3	17.4	26.0

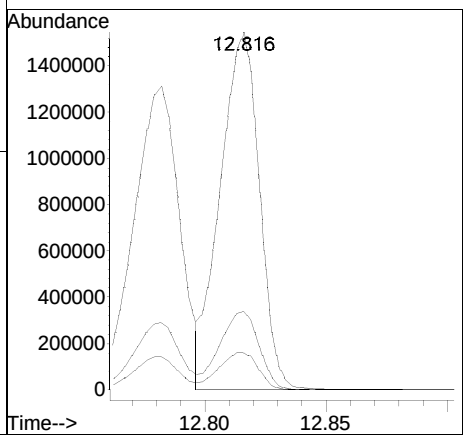


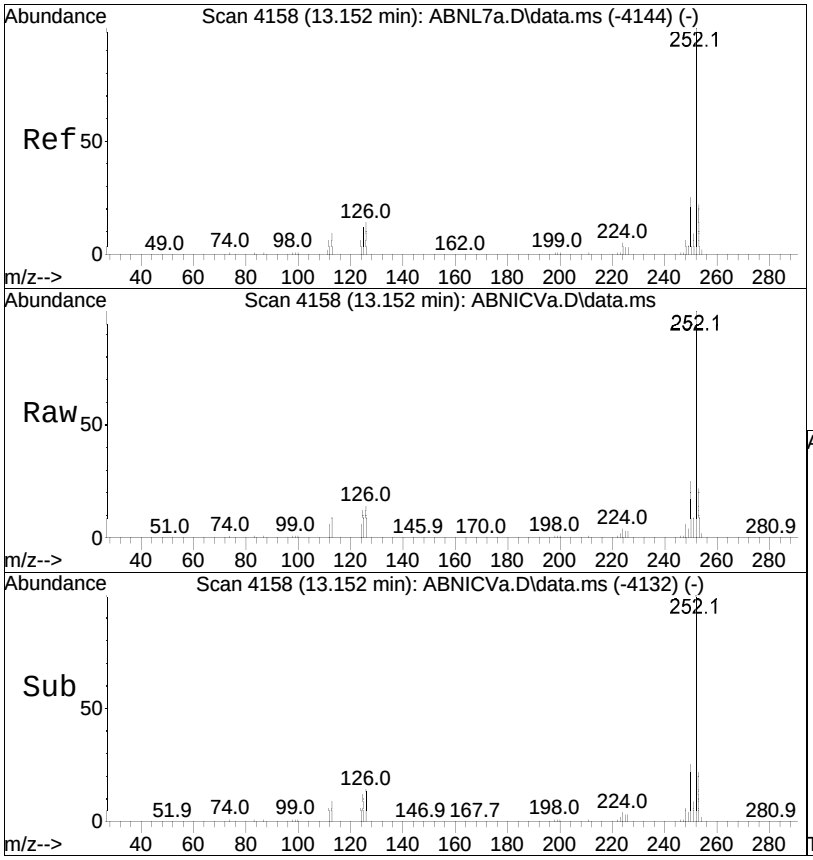


#111
Benzo(k)fluoranthene
Concen: 51.90 ug/ml
RT: 12.816 min Scan# 4040
Delta R.T. -0.023 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:252 Resp: 1738131

Ion	Ratio	Lower	Upper
252	100		
125	10.7	11.4	17.0#
253	22.1	17.2	25.8

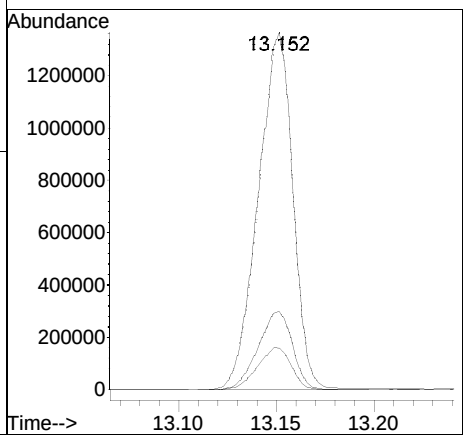


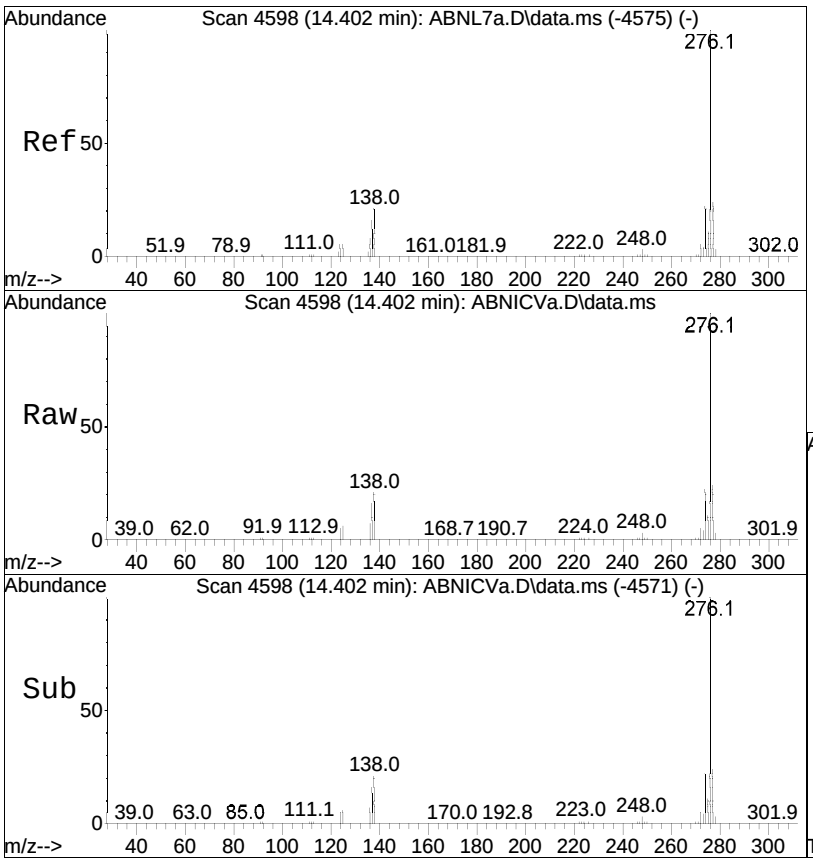


#112
Benzo(a)pyrene
Concen: 52.40 ug/ml
RT: 13.152 min Scan# 4158
Delta R.T. -0.025 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:252 Resp: 1665999

Ion	Ratio	Lower	Upper
252	100		
125	11.8	12.6	18.8#
253	22.0	16.9	25.3

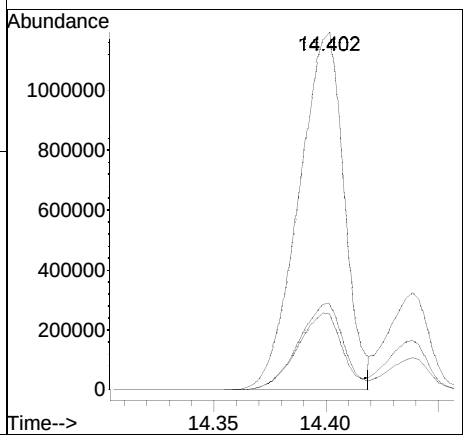


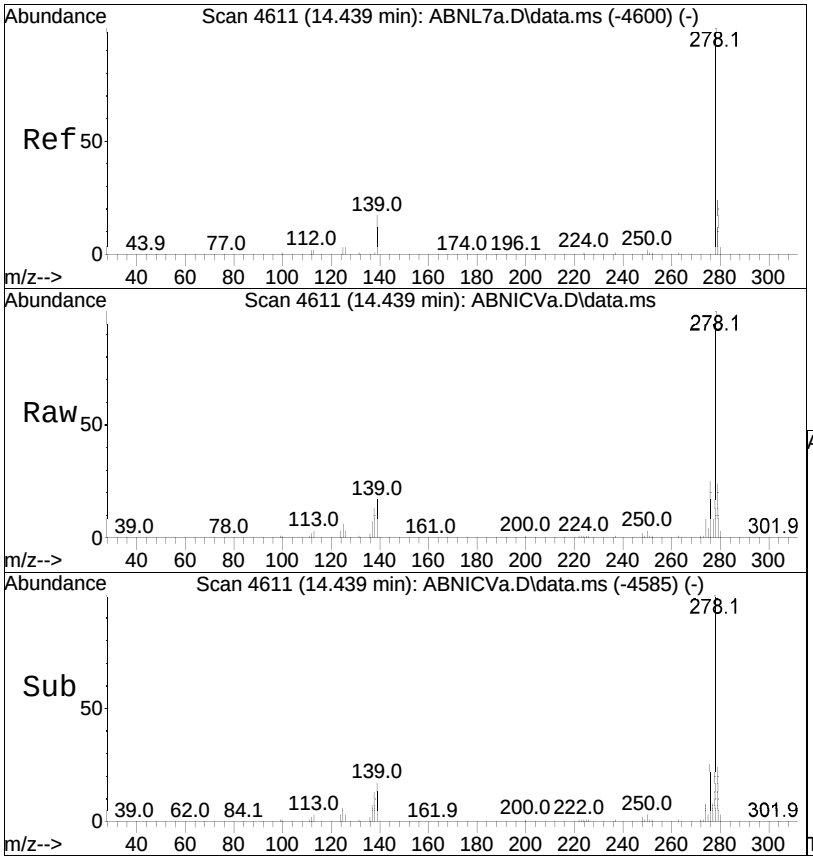


#114
Indeno(1,2,3-cd)pyrene
Concen: 52.26 ug/mL
RT: 14.402 min Scan# 4598
Delta R.T. -0.023 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:276 Resp: 1665404

Ion	Ratio	Lower	Upper
276	100		
138	21.4	21.4	32.0
277	24.3	19.2	28.8

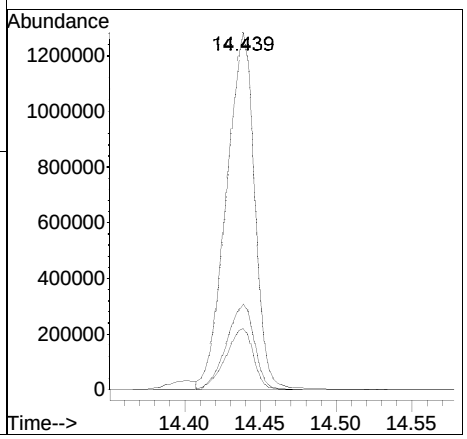


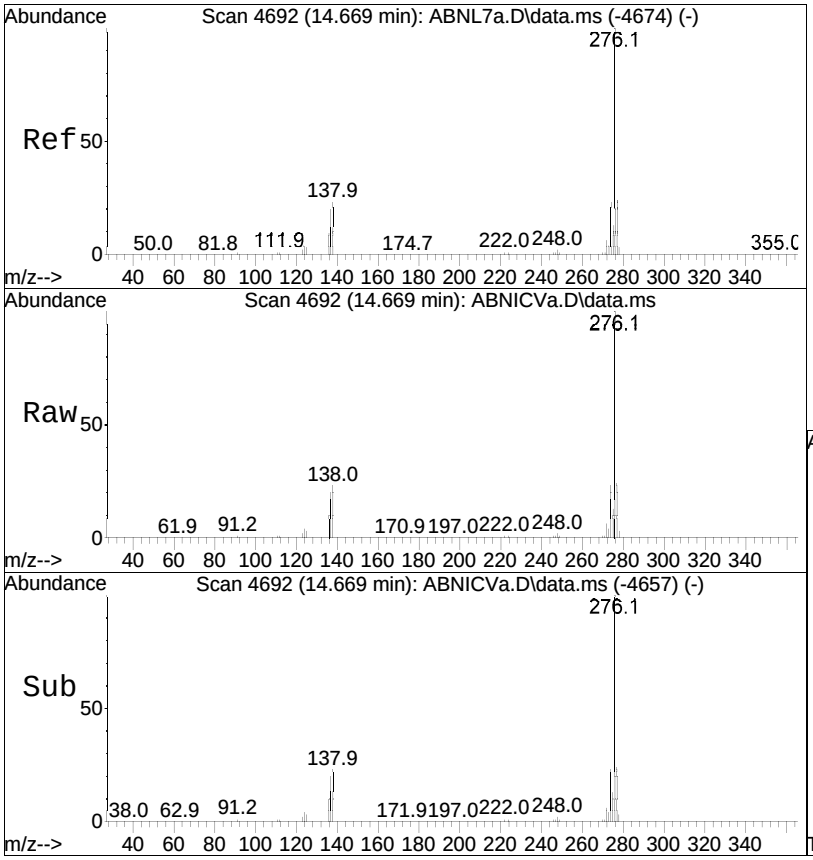


#115
Dibenzo(a,h)anthracene
Concen: 51.69 ug/ml
RT: 14.439 min Scan# 4611
Delta R.T. -0.025 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:278 Resp: 1656835

Ion	Ratio	Lower	Upper
278	100		
139	17.1	17.1	25.7#
279	24.3	19.3	28.9

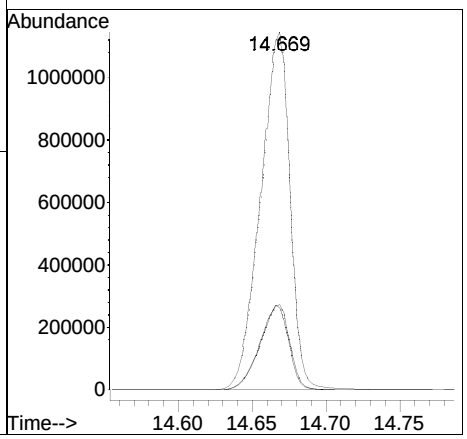




#116
Benzo(ghi)perylene
Concen: 49.57 ug/ml
RT: 14.669 min Scan# 4692
Delta R.T. -0.000 min
Lab File: ABNICVa.D
Acq: 18 Nov 2025 11:20 pm

Tgt Ion:276 Resp: 1570572

Ion	Ratio	Lower	Upper
276	100		
138	23.6	26.7	40.1#
277	24.0	19.4	29.2



Manual Integration Report

Data Path	: I:\8270\SV103\251116ical\	QMethod	: FS251116SV103.m
Data File	: ABNICVa.D	Operator	: SV103:mrg
Date Inj'd	: 11/18/2025 11:20 pm	Instrument	: SV103
Sample	: CQICV1,32,,ABNICV Lot# 120	Quant Date	: 11/19/2025 3:07 pm

There are no manual integrations or false positives in this file.

Evaluate Relative Error Report SV103

Method Path : I:\8270\SV103\251116ical\
Method File : FS251116SV103.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Wed Nov 19 15:17:01 2025

	COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
66	T 2,4-Dinitrophenol	L	ug/ml	50.0	46.811	-6.4	5.00	5.822	16.4
82	T Pentachlorophenol	L	ug/ml	50.0	48.300	-3.4	3.00	3.450	15.0
84	T Dichloran	L	ug/ml	50.0	45.963	-8.1	5.00	6.181	23.6
102	T Parathion	L	ug/ml	50.0	43.742	-12.5	5.00	6.215	24.3
109	T Di-n-octylphthalate	L	ug/ml	50.0	47.840	-4.3	3.00	3.520	17.3

Calibration Correlation Report

	COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
66	T 2,4-Dinitrophenol	Linear	0.997469	0.000000	0.156573	-0.0130711
82	T Pentachlorophenol	Linear	0.999221	0.000000	0.337719	-0.015785
84	T Dichloran	Linear	0.996505	0.000000	0.183261	-0.0167819
102	T Parathion	Linear	0.995773	0.000000	0.105265	-0.00989229
109	T Di-n-octylphthalate	Linear	0.998720	0.000000	1.48341	-0.0730588

Response Factor Report Mork

Method Path : I:\8270\Mork\251209ical\
Method File : FS251209Mork.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Thu Dec 11 12:38:17 2025
Response Via : Initial Calibration

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =ABNL3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	ISTD											
2)	t	N-Nitrosodimethylamine	0.525	0.558	0.602	0.544	0.601	0.589	0.601	0.642	0.638	0.628	0.593	6.71
3)	t	Pyridine	1.066	0.975	0.993	0.942	1.014	1.068	1.054	1.079	1.161	1.148	1.050	6.76
4)	S	2-Fluorophenol	0.940	0.874	0.964	0.921	0.919	0.974	0.968	1.027	1.043	0.981	0.961	5.26
5)	T	Aniline	1.659	1.571	1.579	1.576	1.524	1.515	1.625	1.653	1.655	1.539	1.590	3.48
6)	t	2-Chlorophenol	1.204	1.112	1.136	1.168	1.089	1.128	1.178	1.199	1.176	1.110	1.150	3.51
7)	S	Phenol-d6	1.146	1.202	1.107	1.128	1.163	1.190	1.238	1.274	1.287	1.181	1.192	5.03
8)	T	Phenol	1.289	1.181	1.178	1.204	1.212	1.229	1.280	1.296	1.306	1.228	1.240	3.92
9)	T	bis(2-Chloroethyl)ether	0.925	0.956	0.941	0.904	0.860	0.886	0.892	0.945	0.922	0.873	0.910	3.54
10)	T	1,3-Dichlorobenzene	1.564	1.477	1.514	1.442	1.423	1.429	1.430	1.431	1.396	1.316	1.442	4.62
11)	T	1,4-Dichlorobenzene	1.526	1.501	1.479	1.439	1.450	1.419	1.438	1.444	1.406	1.333	1.443	3.69
12)	T	1,2-Dichlorobenzene	1.440	1.494	1.427	1.351	1.407	1.379	1.360	1.392	1.336	1.233	1.382	5.08
13)	t	Benzyl alcohol	0.717	0.773	0.828	0.850	0.846	0.875	0.928	0.974	0.938	0.902	0.863	9.06
14)	T	bis(2-chloroisopropyl)ether	1.229	1.131	1.218	1.165	1.135	1.134	1.187	1.204	1.192	1.138	1.173	3.19
15)	T	2-Methylphenol	0.985	0.887	0.963	0.915	0.936	0.937	0.992	0.982	0.962	0.886	0.945	4.12
16)	T	Hexachloroethane	0.533	0.546	0.544	0.538	0.522	0.519	0.530	0.531	0.521	0.494	0.528	2.82
17)	T	n-Nitrosodi-n-propylamine	0.752	0.707	0.746	0.732	0.705	0.716	0.754	0.764	0.757	0.717	0.735	3.02
18)	T	3-Methylphenol/4-Methylphenol	1.008	0.950	0.949	0.983	0.975	1.011	1.040	1.059	1.042	0.993	1.001	3.83
19)	S	Nitrobenzene-d5	1.094	0.997	1.054	1.049	1.006	1.067	1.094	1.127	1.107	1.054	1.065	3.96
20)	T	Nitrobenzene	1.122	1.127	1.060	1.095	1.061	1.052	1.095	1.105	1.091	1.037	1.084	2.80
21)	T	Isophorone	1.933	1.904	1.897	1.918	1.880	1.940	1.991	2.032	1.993	1.936	1.943	2.50
22)	T	2-Nitrophenol	0.572	0.592	0.596	0.577	0.581	0.620	0.640	0.673	0.661	0.621	0.613	5.83
23)	T	2,4-Dimethylphenol	1.167	1.088	1.102	1.108	1.111	1.096	1.159	1.186	1.161	1.105	1.128	3.15
24)	T	bis(2-Chloroethoxy)methane	1.276	1.209	1.205	1.223	1.186	1.171	1.237	1.255	1.217	1.168	1.215	2.88
25)	T	2,4-Dichlorophenol	1.217	1.121	1.139	1.177	1.185	1.184	1.268	1.268	1.248	1.192	1.200	4.20
26)	T	1,2,4-Trichlorobenzene	1.461	1.529	1.497	1.455	1.459	1.409	1.471	1.472	1.455	1.388	1.459	2.72
27)	I	IS2_1,4-Dichlorobenzene-d4	ISTD											
28)	T	Benzaldehyde	0.789	0.810	0.779	0.842	0.862	0.848	0.867	0.879	0.856	0.871	0.840	4.21
29)	T	Acetophenone	1.365	1.346	1.396	1.429	1.438	1.426	1.436	1.477	1.432	1.447	1.419	2.77
30)	T	m-Toluidine	1.275	1.306	1.284	1.355	1.463	1.425	1.424	1.459	1.419	1.435	1.384	5.28
31)	T	2-Chloroaniline	1.294	1.296	1.288	1.358	1.410	1.393	1.367	1.374	1.320	1.333	1.343	3.24
32)	I	IS3_1,4-Dichlorobenzene-d4	ISTD											
33)	T	1,4-Dioxane	0.466	0.488	0.445	0.405	0.361	0.398	0.373	0.355	0.348	0.350	0.399	12.82
34)	T	n-Decane	0.820	0.821	0.806	0.844	0.806	0.857	0.793	0.773	0.776	0.762	0.806	3.83
35)	I	IS1_Naphthalene-d8	ISTD											
36)	T	Naphthalene	1.071	1.054	1.025	1.036	0.996	0.985	0.968	0.959	0.942	0.853	0.989	6.45
37)	T	Benzoic Acid				0.195	0.201	0.237	0.250	0.267	0.272	0.253	0.239	12.64
38)	T	4-Chloroaniline	0.094	0.103	0.103	0.106	0.100	0.107	0.110	0.113	0.113	0.109	0.106	5.59
39)	T	Hexachlorobutadiene	0.299	0.303	0.281	0.298	0.279	0.280	0.279	0.290	0.281	0.270	0.286	3.85
40)	T	p-Chloro-m-cresol	0.288	0.256	0.275	0.286	0.271	0.284	0.289	0.300	0.300	0.283	0.283	4.71
41)	T	2-Methylnaphthalene	0.738	0.662	0.686	0.683	0.644	0.646	0.673	0.680	0.661	0.610	0.668	5.01
42)	T	1-Methylnaphthalene	0.264	0.244	0.247	0.249	0.232	0.235	0.242	0.250	0.246	0.232	0.244	3.99
43)	T	Hexachlorocyclopentadiene		0.234	0.264	0.281	0.293	0.317	0.348	0.375	0.372	0.351	0.315	15.89
44)	T	2,4,6-Trichlorophenol	0.301	0.282	0.297	0.300	0.294	0.293	0.309	0.314	0.313	0.303	0.301	3.27
45)	T	2,4,5-Trichlorophenol	0.314	0.335	0.328	0.319	0.320	0.328	0.342	0.347	0.351	0.322	0.331	3.83

Response Factor Report Mork

Method Path : I:\8270\Mork\251209ical\
Method File : FS251209Mork.m
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Last Update : Thu Dec 11 12:38:17 2025
Response Via : Initial Calibration

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100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
46)	S	2-Fluorobiphenyl	1.059	1.034	1.000	0.998	0.975	0.951	0.955	0.975	0.934	0.867	0.975	5.50
47)	T	2-Chloronaphthalene	0.831	0.821	0.837	0.806	0.800	0.790	0.793	0.795	0.765	0.733	0.797	3.89
48)	T	2-Nitroaniline	0.202	0.201	0.203	0.204	0.219	0.223	0.232	0.243	0.240	0.227	0.220	7.39
49)	T	1,4-Dinitrobenzene	0.076	0.087	0.092	0.094	0.097	0.105	0.112	0.120	0.121	0.112	0.102	14.59
50)	T	1,3-Dinitrobenzene	0.107	0.095	0.106	0.116	0.115	0.122	0.124	0.133	0.134	0.124	0.118	10.52
51)	T	Dimethyl phthalate	1.044	0.970	0.969	0.973	0.957	0.962	0.943	0.979	0.938	0.877	0.961	4.32
52)	T	Acenaphthylene	1.342	1.289	1.305	1.298	1.250	1.249	1.249	1.254	1.206	1.095	1.254	5.38
53)	T	2,6-Dinitrotoluene	0.194	0.182	0.193	0.193	0.197	0.198	0.199	0.207	0.206	0.196	0.196	3.63
54)	T	1,2-Dinitrobenzene	0.080	0.068	0.064	0.072	0.070	0.072	0.074	0.077	0.076	0.074	0.073	6.22
55)	I	IS2_Naphthalene-d8	ISTD											
56)	T	a-Terpineol	0.200	0.189	0.204	0.203	0.214	0.207	0.217	0.207	0.207	0.211	0.206	3.87
57)	T	3-Chloroaniline	0.098	0.119	0.118	0.113	0.115	0.121	0.123	0.123	0.121	0.123	0.117	6.40
58)	T	2,6-Dichlorophenol	0.332	0.333	0.328	0.332	0.345	0.346	0.354	0.333	0.332	0.330	0.336	2.59
59)	T	1-chloro-2-nitrobenzene	0.123	0.118	0.127	0.126	0.130	0.133	0.133	0.131	0.131	0.132	0.128	3.79
60)	T	Caprolactam	0.108	0.106	0.110	0.105	0.106	0.111	0.113	0.109	0.112	0.111	0.109	2.53
61)	T	1,2,4,5-Tetrachlorobenzene	0.460	0.504	0.475	0.474	0.488	0.478	0.494	0.470	0.457	0.459	0.476	3.24
62)	T	Biphenyl	0.921	0.907	0.949	0.940	0.975	0.957	0.934	0.885	0.878	0.849	0.919	4.30
63)	I	IS1_Acenaphthene-d10	ISTD											
64)	T	3-Nitroaniline	0.304	0.283	0.308	0.287	0.309	0.318	0.312	0.328	0.325	0.310	0.308	4.70
65)	T	Acenaphthene	1.178	1.207	1.191	1.137	1.094	1.085	1.064	1.084	1.073	0.978	1.109	6.27
66)	T	2,4-Dinitrophenol				0.144	0.159	0.188	0.206	0.233	0.234	0.225	0.198	18.25
67)	T	Dibenzofuran	2.138	1.963	1.945	1.923	1.848	1.863	1.802	1.804	1.755	1.636	1.868	7.28
68)	T	2,4-Dinitrotoluene	0.418	0.395	0.401	0.419	0.427	0.443	0.441	0.457	0.449	0.428	0.428	4.73
69)	T	4-Nitrophenol	0.178	0.185	0.195	0.198	0.200	0.214	0.221	0.236	0.235	0.222	0.209	9.65
70)	T	2,3,5,6-Tetrachlorophenol	0.442	0.437	0.430	0.434	0.432	0.454	0.473	0.502	0.492	0.466	0.456	5.69
71)	T	2,3,4,6-Tetrachlorophenol	0.438	0.423	0.438	0.455	0.448	0.457	0.463	0.474	0.476	0.446	0.452	3.72
72)	T	Diethyl phthalate	1.580	1.567	1.509	1.521	1.477	1.459	1.458	1.468	1.435	1.352	1.483	4.47
73)	T	Fluorene	1.532	1.490	1.483	1.499	1.500	1.477	1.477	1.482	1.412	1.335	1.469	3.79
74)	T	4-Chlorophenyl-phenylether	0.851	0.811	0.771	0.772	0.757	0.769	0.761	0.769	0.749	0.705	0.771	4.94
75)	T	4-Nitroaniline	0.273	0.276	0.303	0.289	0.298	0.310	0.305	0.314	0.308	0.301	0.298	4.66
76)	T	4,6-Dinitro-o-cresol		0.182	0.210	0.214	0.241	0.272	0.289	0.308	0.310	0.298	0.258	18.47
77)	T	NDPA/DPA	1.443	1.328	1.245	1.285	1.292	1.256	1.223	1.243	1.206	1.150	1.267	6.25
78)	T	Azobenzene	1.175	1.165	1.115	1.120	1.084	1.097	1.080	1.091	1.054	1.015	1.100	4.36
79)	S	2,4,6-Tribromophenol	0.326	0.301	0.295	0.304	0.316	0.316	0.321	0.344	0.344	0.339	0.321	5.55
80)	T	4-Bromophenyl-phenylether	0.537	0.561	0.553	0.515	0.527	0.526	0.538	0.561	0.548	0.530	0.540	2.90
81)	T	Hexachlorobenzene	0.709	0.695	0.649	0.646	0.636	0.646	0.655	0.675	0.679	0.649	0.664	3.66
82)	T	Pentachlorophenol	0.270	0.282	0.307	0.325	0.344	0.386	0.400	0.436	0.448	0.445	0.364	18.60
83)	I	IS2_Acenaphthene-d10	ISTD											
84)	T	Dichloran	0.158	0.179	0.195	0.192	0.214	0.231	0.239	0.237	0.249	0.252	0.215	14.95
85)	T	Pentachloronitrobenzene	0.204	0.223	0.241	0.236	0.236	0.247	0.250	0.249	0.249	0.254	0.239	6.40
86)	I	IS3_Acenaphthene-d10	ISTD											
87)	T	Atrazine	0.472	0.483	0.466	0.457	0.434	0.482	0.450	0.450	0.433	0.440	0.457	4.09
88)	I	IS1_Phenanthrene-d10	ISTD											
89)	T	Phenanthrene	1.251	1.132	1.172	1.106	1.079	1.084	1.050	1.030	0.986	0.925	1.081	8.56
90)	T	Anthracene	1.234	1.144	1.160	1.106	1.117	1.096	1.066	1.042	1.003	0.908	1.088	8.30

Method Path : I:\8270\Mork\251209ical\
Method File : FS251209Mork.m
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100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

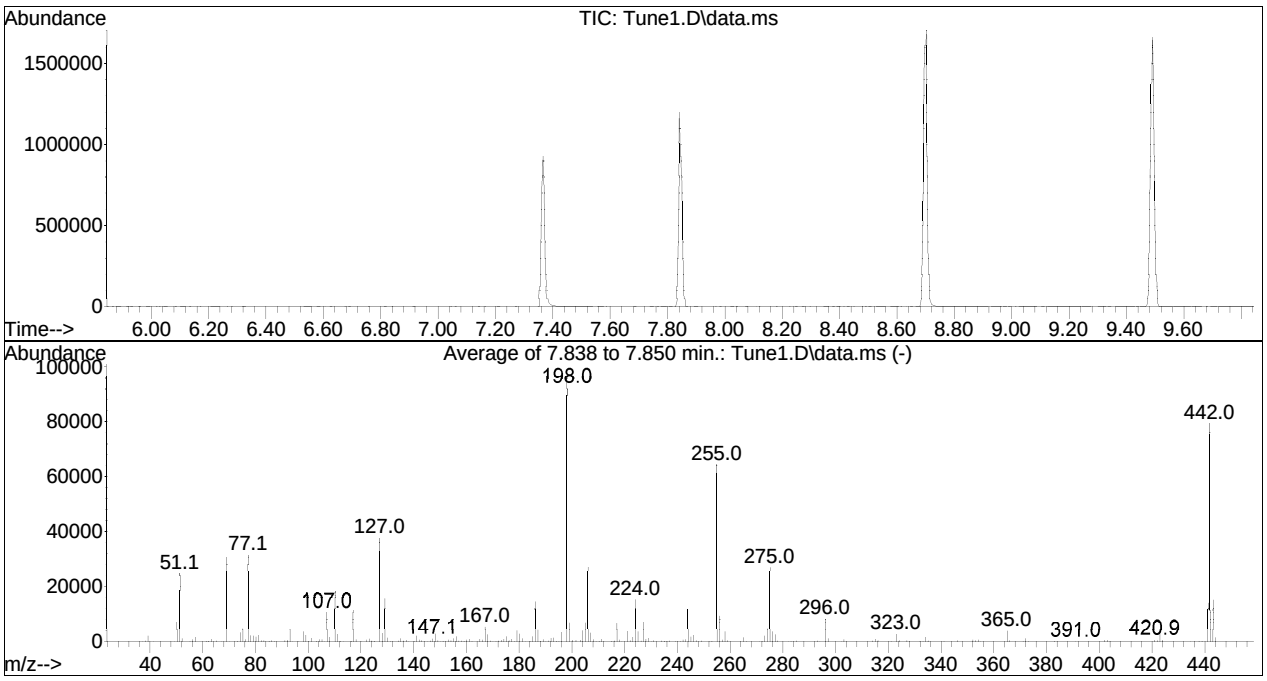
		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
91)	T	Carbazole	1.087	1.071	1.049	1.028	1.013	1.008	0.979	0.981	0.922	0.872	1.001	6.59
92)	T	Di-n-butylphthalate	1.210	1.171	1.176	1.159	1.172	1.167	1.161	1.137	1.097	1.016	1.147	4.73
93)	T	Fluoranthene	1.424	1.390	1.407	1.401	1.398	1.367	1.360	1.350	1.281	1.155	1.353	5.96
94)	T	Benzidine	0.907	0.913	0.922	0.901	0.933	0.952	0.948	0.945	0.932	0.848	0.920	3.34
95)	T	Pyrene	1.512	1.475	1.494	1.470	1.452	1.470	1.404	1.383	1.304	1.179	1.414	7.30
96)	S	4-Terphenyl-d14	1.153	1.126	1.131	1.116	1.112	1.122	1.105	1.107	1.051	0.939	1.096	5.56
97)	T	Butyl benzyl phthalate	0.534	0.505	0.518	0.524	0.551	0.569	0.574	0.590	0.572	0.543	0.548	5.11
98)	I	IS2_Phenanthrene-d10	----------ISTD----------											
99)	T	Diphenamid	0.472	0.473	0.521	0.489	0.515	0.510	0.493	0.499	0.485	0.489	0.495	3.37
100)	I	IS3_Phenanthrene-d10	----------ISTD----------											
101)	T	n-Octadecane	0.288	0.248	0.254	0.249	0.235	0.257	0.234	0.236	0.237	0.234	0.247	6.79
102)	T	Parathion	0.079	0.086	0.079	0.091	0.091	0.106	0.104	0.108	0.113	0.114	0.097	13.69
103)	T	3,3'-Dimethylbenzidine	0.816	0.819	0.875	0.897	0.910	0.976	0.918	0.892	0.867	0.849	0.882	5.47
104)	I	IS1_Chrysene-d12	----------ISTD----------											
105)	T	Benzo[a]anthracene	1.510	1.373	1.351	1.333	1.309	1.313	1.268	1.255	1.245	1.155	1.311	7.16
106)	T	3,3'-Dichlorobenzidine	0.577	0.543	0.557	0.556	0.560	0.555	0.553	0.542	0.529	0.504	0.548	3.62
107)	T	Chrysene	1.392	1.267	1.268	1.244	1.230	1.167	1.156	1.110	1.040	1.014	1.189	9.67
108)	T	bis(2-Ethylhexyl)phthalate	0.694	0.673	0.682	0.671	0.690	0.683	0.687	0.676	0.655	0.645	0.675	2.31
109)	T	Di-n-octylphthalate	1.163	1.162	1.172	1.181	1.206	1.225	1.240	1.255	1.213	1.178	1.200	2.77
110)	T	Benzo(b)fluoranthene	1.403	1.343	1.474	1.420	1.388	1.367	1.375	1.435	1.449	1.602	1.426	5.16
111)	T	Benzo(k)fluoranthene	1.470	1.414	1.290	1.284	1.346	1.403	1.309	1.256	1.192	0.975	1.294	10.75
112)	T	Benzo(a)pyrene	1.368	1.348	1.344	1.302	1.313	1.342	1.310	1.352	1.332	1.287	1.330	1.93
113)	I	IS1_Perylene-d12	----------ISTD----------											
114)	T	Indeno(1,2,3-cd)pyrene	1.201	1.170	1.168	1.182	1.179	1.181	1.217	1.291	1.339	1.273	1.220	4.91
115)	T	Dibenzo[a,h]anthracene	1.219	1.180	1.170	1.169	1.154	1.191	1.197	1.177	1.156	1.052	1.166	3.84
116)	T	Benzo(g,h,i)perylene	1.214	1.175	1.146	1.157	1.149	1.177	1.162	1.182	1.188	1.090	1.164	2.83

(#) = Out of Range

Data Path : I:\8270\Mork\251209ical\
Data File : Tune1.D
Acq On : 9 Dec 2025 5:20 pm
Operator : MORK:jg
Sample : Tune Lot# 12051
Misc : WG2152654,,
ALS Vial : 100 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\Mork\251209ical\FS251209Mork.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Thu Dec 11 12:38:17 2025



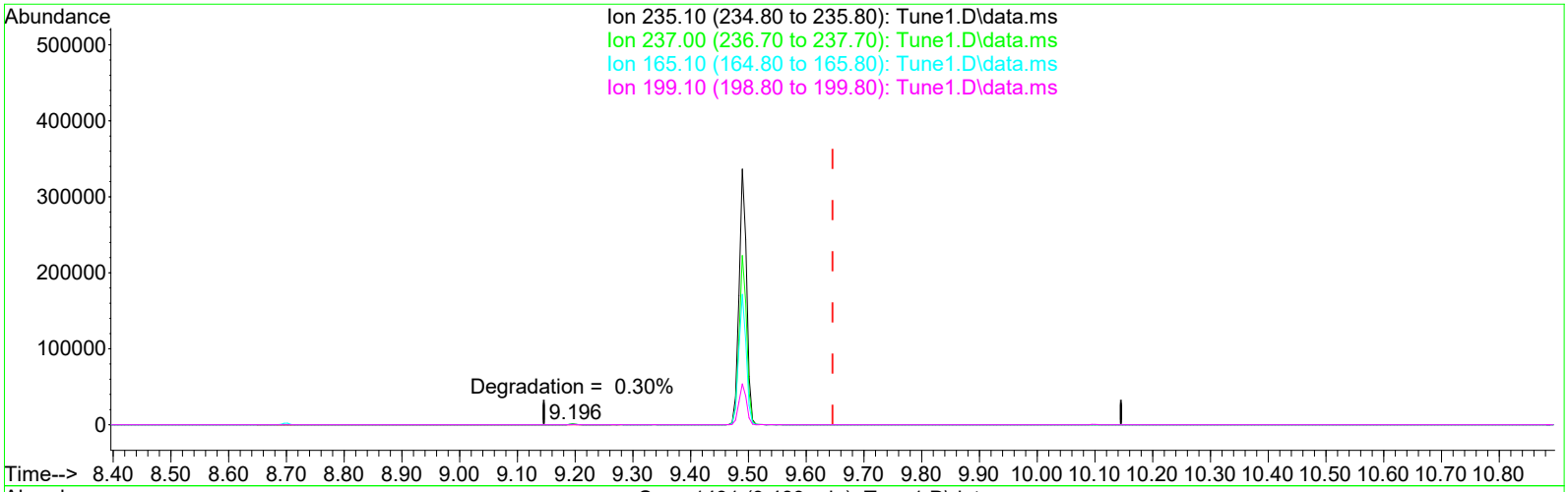
Spectrum Information: Average of 7.838 to 7.850 min.

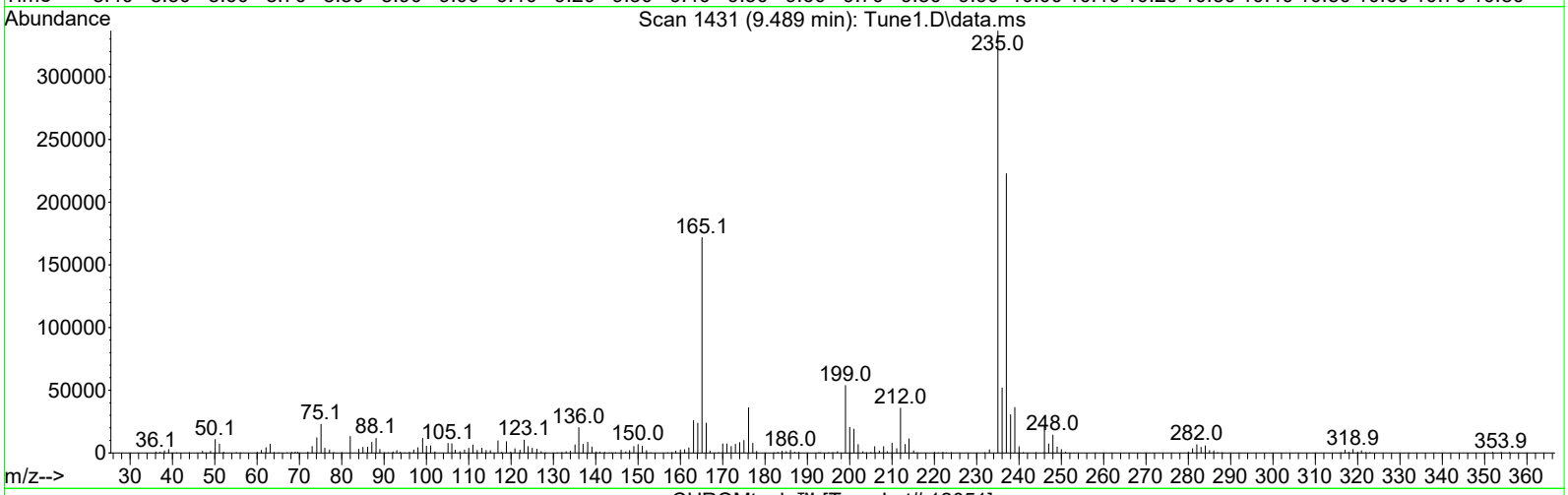
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	25.7	24658	PASS
68	69	0.00	2	0.0	0	PASS
69	69	100	100	100.0	30643	PASS
70	69	0.00	2	0.7	203	PASS
127	198	10	80	39.1	37536	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	96083	PASS
199	198	5	9	6.9	6619	PASS
275	198	10	60	27.9	26834	PASS
365	198	1	100	4.0	3814	PASS
441	442	0.01	24	17.6	13984	PASS
442	198	50	100	82.6	79379	PASS
443	442	15	24	18.9	14965	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\Mork\251209ical\
Data File : Tune1.D
Acq On : 9 Dec 2025 5:20 pm
Operator : MORK:jg
Sample : Tune Lot# 12051
Misc : WG2152654,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Dec 09 17:48:45 2025
Quant Method : I:\8270\Mork\251209ical\DftppMork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 09 17:49:22 2025
Response via : Initial Calibration





CHROMtools™ [Tune Lot# 12051]

(6) DDT (T)

9.489min (-0.157) 49.85

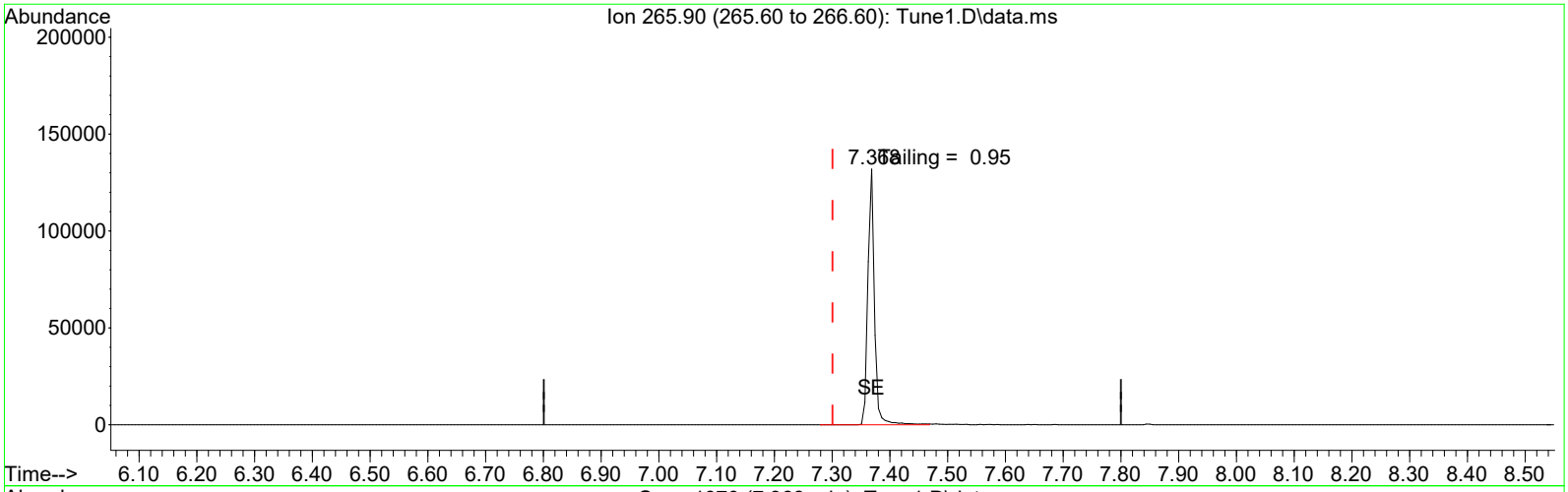
response 303864

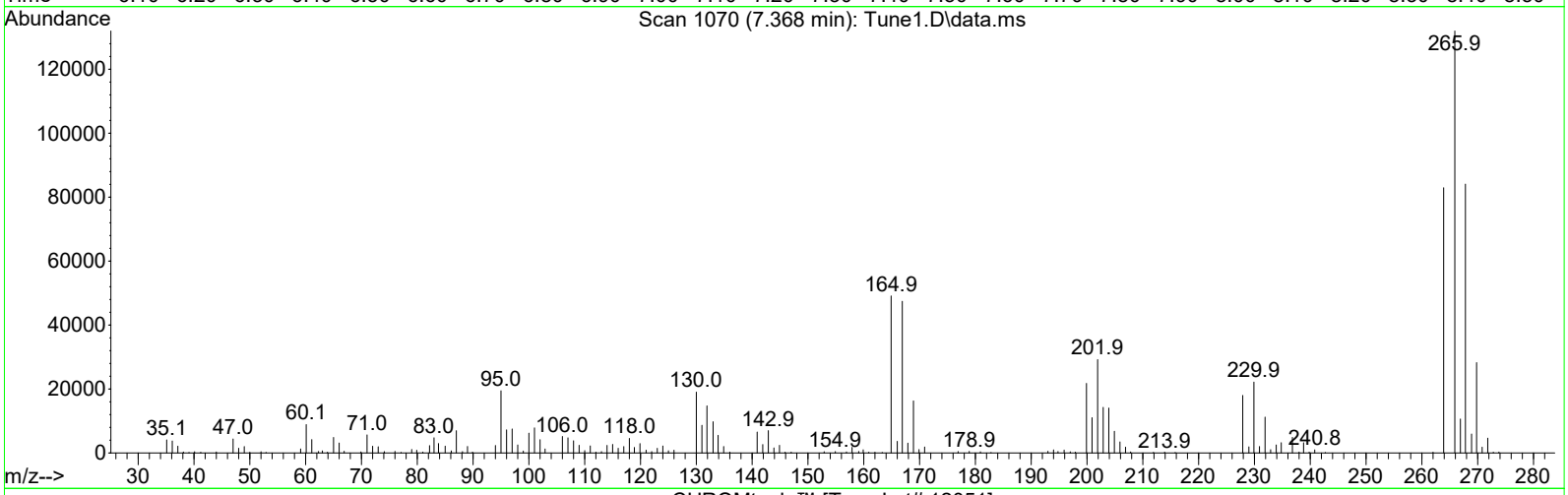
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	66.20	66.03
165.10	43.90	50.81
199.10	13.50	16.04

Quantitation Report (Qedit)

Data Path : I:\8270\Mork\251209ical\
Data File : Tune1.D
Acq On : 9 Dec 2025 5:20 pm
Operator : MORK:jg
Sample : Tune Lot# 12051
Misc : WG2152654,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Dec 09 17:48:45 2025
Quant Method : I:\8270\Mork\251209ical\DftppMork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 09 17:49:22 2025
Response via : Initial Calibration





CHROMtools™ [Tune Lot# 12051]

(1) Pentachlorophenol (T)

7.368min (+ 0.067) 49.75

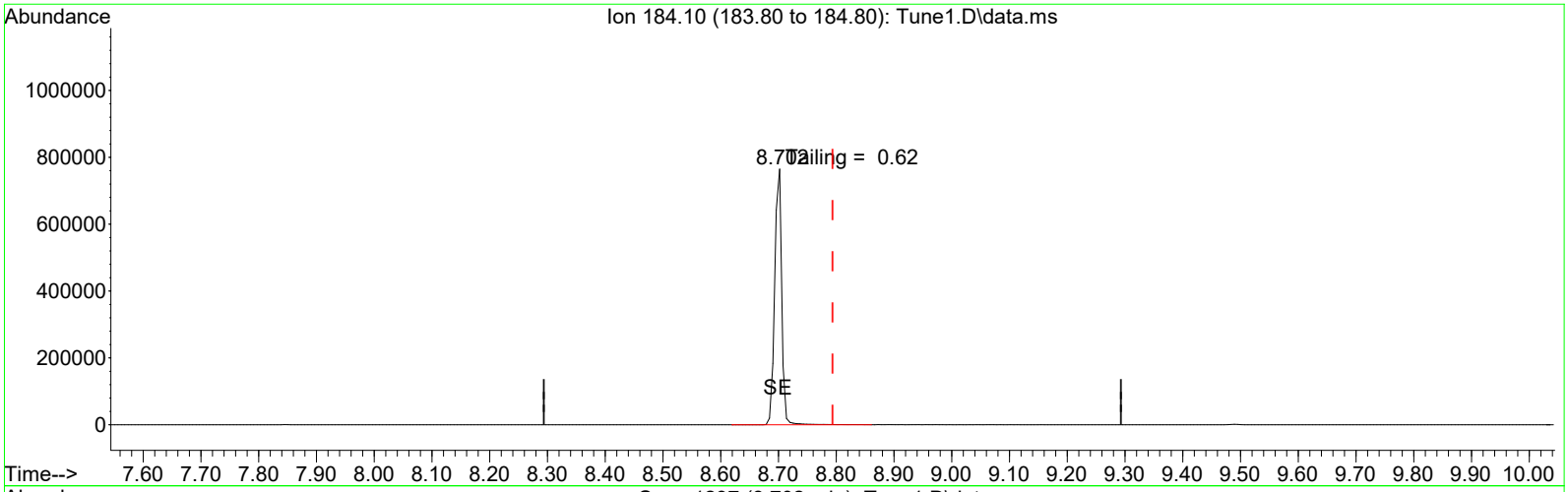
response 104499

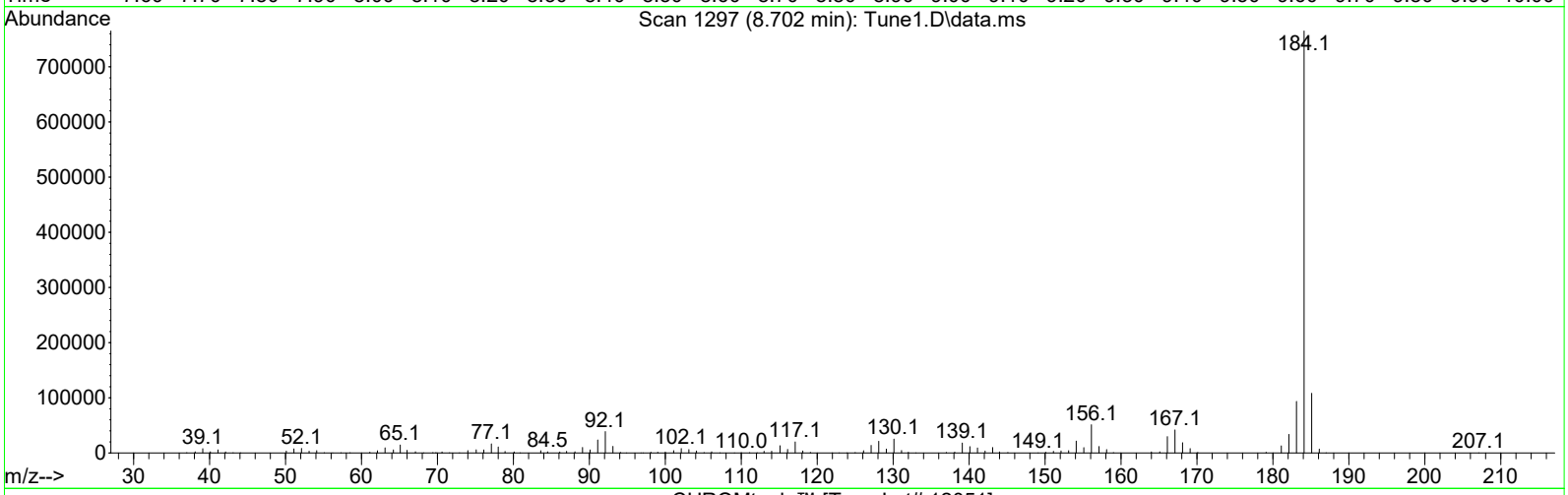
Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\Mork\251209ical\
Data File : Tune1.D
Acq On : 9 Dec 2025 5:20 pm
Operator : MORK:jg
Sample : Tune Lot# 12051
Misc : WG2152654,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Dec 09 17:48:45 2025
Quant Method : I:\8270\Mork\251209ical\DftppMork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 09 17:49:22 2025
Response via : Initial Calibration





CHROMtools™ [Tune Lot# 12051]

(3) Benzidine (T)

8.702min (-0.092) 63.67

response 648154

Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL10.D
Acq On : 9 Dec 2025 5:40 pm
Operator : MORK:jg
Sample : IL1,32,,ABNL200 Lot# 12058
Misc : WG2152654,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 10 15:08:15 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.649	152	109352	40.000	ug/ml	# 0.00
Standard Area 1 = 117810			Recovery = 92.82%			
35) IS1_Naphthalene-d8	4.730	136	383467	40.000	ug/ml	# 0.00
Standard Area 1 = 407331			Recovery = 94.14%			
63) IS1_Acenaphthene-d10	6.240	164	244223	40.000	ug/ml	0.00
Standard Area 1 = 261152			Recovery = 93.52%			
88) IS1_Phenanthrene-d10	7.515	188	557727	40.000	ug/ml	# 0.00
Standard Area 1 = 581810			Recovery = 95.86%			
104) IS1_Chrysene-d12	9.959	240	639350	40.000	ug/ml	# 0.01
Standard Area 1 = 706656			Recovery = 90.48%			
113) IS1_Perylene-d12	11.581	264	822778	40.000	ug/ml	0.01
Standard Area 1 = 833118			Recovery = 98.76%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.580	112	536511	184.430	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 368.86%#			
7) Phenol-d6	3.402	99	645941	170.186	ug/ml	0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 340.37%#			
19) Nitrobenzene-d5	4.131	82	576288	170.406	ug/ml	0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 681.62%#			
46) 2-Fluorobiphenyl	5.688	172	1663087	182.949	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 731.80%#			
79) 2,4,6-Tribromophenol	6.934	330	414243	236.622	ug/ml	0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 473.24%#			
96) 4-Terphenyl-d14	8.931	244	2619859	167.919	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 671.68%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.469	74	343125	181.809	ug/ml	99
3) Pyridine	1.487	79	627706M6	219.563	ug/ml	
5) Aniline	3.385	93	841426	176.933	ug/ml#	65
6) 2-Chlorophenol	3.485	128	606716	177.193	ug/ml	100
8) Phenol	3.414	94	671465M6	153.874	ug/ml	
9) Bis(2-chloroethyl)ether	3.461	93	477469	165.181	ug/ml	92
10) 1,3-Dichlorobenzene	3.602	146	719435	173.746	ug/ml	99
11) 1,4-Dichlorobenzene	3.667	146	728991	170.758	ug/ml	100
12) 1,2-Dichlorobenzene	3.790	146	674051	163.913	ug/ml	99
13) Benzyl alcohol	3.802	79	493022	172.524	ug/ml	96
14) Bis(2-chloroisopropyl)...	3.913	45	622101	190.093	ug/ml#	90

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL10.D
Acq On : 9 Dec 2025 5:40 pm
Operator : MORK:jg
Sample : IL1,32,,ABNL200 Lot# 12058
Misc : WG2152654,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 10 15:08:15 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	3.913	108	484645	161.118	ug/ml	98
16) Hexachloroethane	4.072	117	270326	185.280	ug/ml#	60
17) n-Nitrosodi-n-propylamine	4.037	70	391857	161.911	ug/ml#	93
18) 3-Methylphenol/4-Methy...	4.060	108	542802	167.777	ug/ml	97
20) Nitrobenzene	4.149	77	567139	164.881	ug/ml	96
21) Isophorone	4.366	82	1058504	163.121	ug/ml	98
22) 2-Nitrophenol	4.419	139	339806	201.003	ug/ml#	94
23) 2,4-Dimethylphenol	4.501	107	604333	187.110	ug/ml	96
24) Bis(2-chloroethoxy)met...	4.572	93	638601	162.340	ug/ml#	96
25) 2,4-Dichlorophenol	4.642	162	651943	190.199	ug/ml	97
26) 1,2,4-Trichlorobenzene	4.695	180	759086	187.576	ug/ml	99
36) Naphthalene	4.754	128	1635479	160.267	ug/ml	98
37) Benzoic Acid	4.689	105	484137M3	215.326	ug/ml	
38) 4-Chloroaniline	4.818	65	208289	180.031	ug/ml	96
39) Hexachlorobutadiene	4.883	225	517152	189.660	ug/ml	99
40) p-Chloro-m-cresol	5.271	107	542967	184.842	ug/ml	98
41) 2-Methylnaphthalene	5.353	142	1169246	167.295	ug/ml	94
42) 1-Methylnaphthalene	5.435	115	445356	187.366	ug/ml	87
43) Hexachlorocyclopentadiene	5.500	237	672399	243.270	ug/ml	97
44) 2,4,6-Trichlorophenol	5.612	196	580707	205.221	ug/ml	99
45) 2,4,5-Trichlorophenol	5.641	196	617570	209.375	ug/ml	99
47) 2-Chloronaphthalene	5.770	162	1405103	186.212	ug/ml	98
48) 2-Nitroaniline	5.876	138	435679	209.026	ug/ml	98
49) 1,4-Dinitrobenzene	6.005	168	215553	235.323	ug/ml	90
50) 1,3-Dinitrobenzene	6.076	168	237348	223.814	ug/ml	95
51) Dimethyl phthalate	6.070	163	1681065	186.635	ug/ml#	98
52) Acenaphthylene	6.123	152	2100279	181.018	ug/ml	97
53) 2,6-Dinitrotoluene	6.105	165	375529	208.006	ug/ml#	81
54) 1,2-Dinitrobenzene	6.146	168	141036M3	210.332	ug/ml	
64) 3-Nitroaniline	6.240	138	377967	197.486	ug/ml	98
65) Acenaphthene	6.275	154	1194720	175.927	ug/ml	94
66) 2,4-Dinitrophenol	6.334	184	274981	267.956	ug/ml#	88
67) Dibenzofuran	6.428	168	1997928	178.461	ug/ml#	74
68) 2,4-Dinitrotoluene	6.452	165	522652	210.727	ug/ml#	79
69) 4-Nitrophenol	6.428	65	270870	204.513	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	6.510	232	568519	201.915	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	6.546	232	545019	199.477	ug/ml	99
72) Diethyl phthalate	6.675	149	1650523	184.214	ug/ml	97
73) Fluorene	6.722	166	1630282	182.274	ug/ml	93
74) 4-Chlorophenyl phenyl ...	6.740	204	861425	185.664	ug/ml	97

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL10.D
Acq On : 9 Dec 2025 5:40 pm
Operator : MORK:jg
Sample : IL1,32,,ABNL200 Lot# 12058
Misc : WG2152654,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 10 15:08:15 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	6.781	138	367484	186.644	ug/ml#	81
76)	4,6-Dinitro-o-cresol	6.810	198	363972	269.913	ug/ml#	86
77)	NDPA/DPA	6.851	169	1403793	186.380	ug/ml	91
78)	Azobenzene	6.875	77	1239016M6	165.698	ug/ml	
80)	4-Bromophenyl phenyl e...	7.157	248	647490	196.138	ug/ml	97
81)	Hexachlorobenzene	7.198	284	792646	203.744	ug/ml	91
82)	Pentachlorophenol	7.374	266	543862	223.296	ug/ml	99
89)	Phenanthrene	7.539	178	2579922	167.340	ug/ml	95
90)	Anthracene	7.586	178	2531912	163.860	ug/ml	94
91)	Carbazole	7.738	167	2433033	171.728	ug/ml	95
92)	Di-n-butylphthalate	8.091	149	2832953	174.351	ug/ml	98
93)	Fluoranthene	8.567	202	3219941	167.280	ug/ml#	91
94)	Benzidine	8.714	184	2364289	213.096	ug/ml#	93
95)	Pyrene	8.755	202	3286521	163.605	ug/ml	94
97)	Butyl benzyl phthalate	9.437	149	1514399	227.379	ug/ml	93
105)	Benzo(a)anthracene	9.948	228	3692133	171.881	ug/ml	95
106)	3,3'-Dichlorobenzidine	9.965	252	1612235	203.935	ug/ml#	96
107)	Chrysene	9.995	228	3240546	162.266	ug/ml	94
108)	Bis(2-ethylhexyl)phtha...	10.100	149	2060752	202.818	ug/ml#	94
109)	Di-n-octylphthalate	10.864	149	3766051	218.247	ug/ml	95
110)	Benzo(b)fluoranthene	11.170	252	5121601	231.884	ug/ml#	91
111)	Benzo(k)fluoranthene	11.205	252	3116260M3	149.573	ug/ml	
112)	Benzo(a)pyrene	11.528	252	4115281	205.764	ug/ml#	92
114)	Indeno(1,2,3-cd)pyrene	12.762	276	5237236M6	208.210	ug/mL	
115)	Dibenzo(a,h)anthracene	12.803	278	4326647	181.578	ug/ml#	88
116)	Benzo(ghi)perylene	13.038	276	4485699	194.235	ug/ml#	84

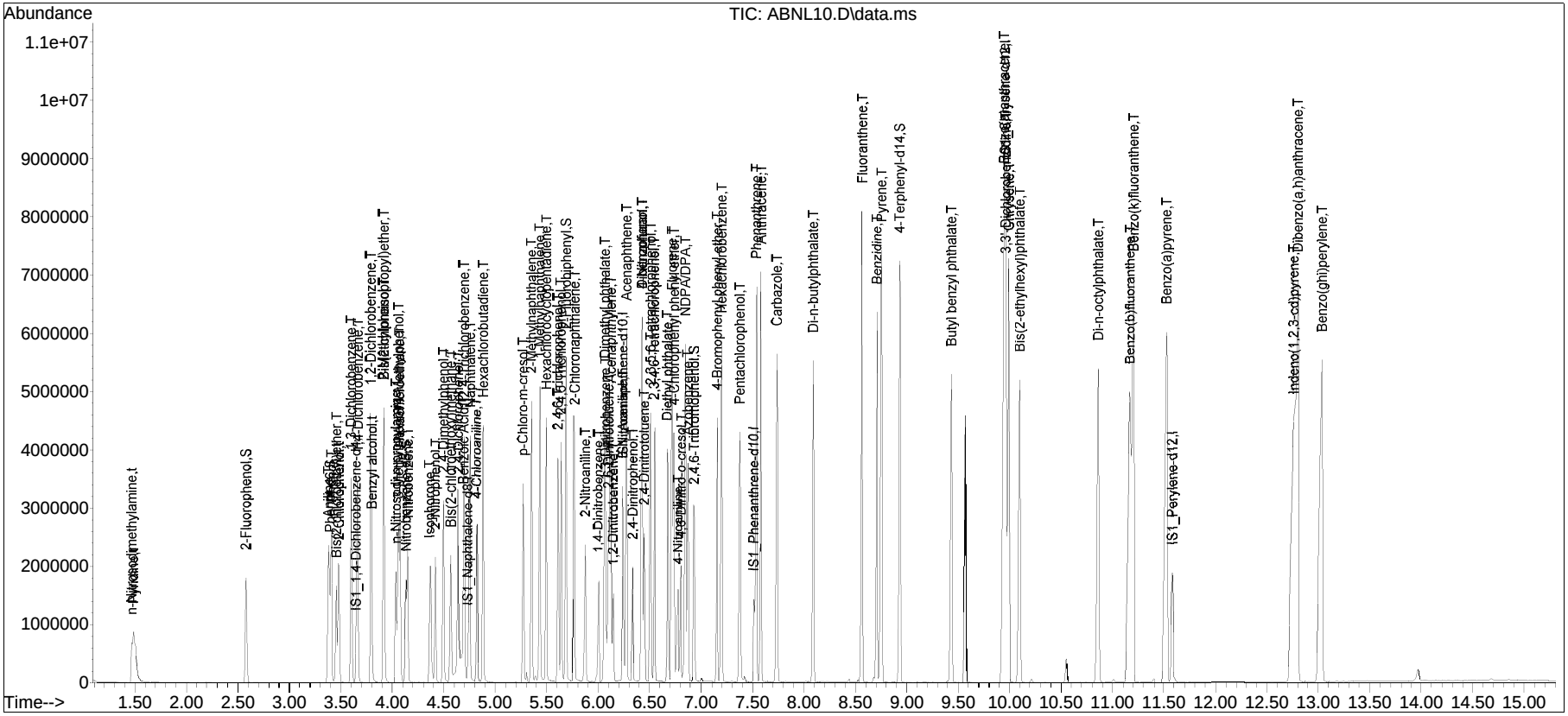
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL10.D
Acq On : 9 Dec 2025 5:40 pm
Operator : MORK:jg
Sample : IL1,32,,ABNL200 Lot# 12058
Misc : WG2152654,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 10 15:08:15 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

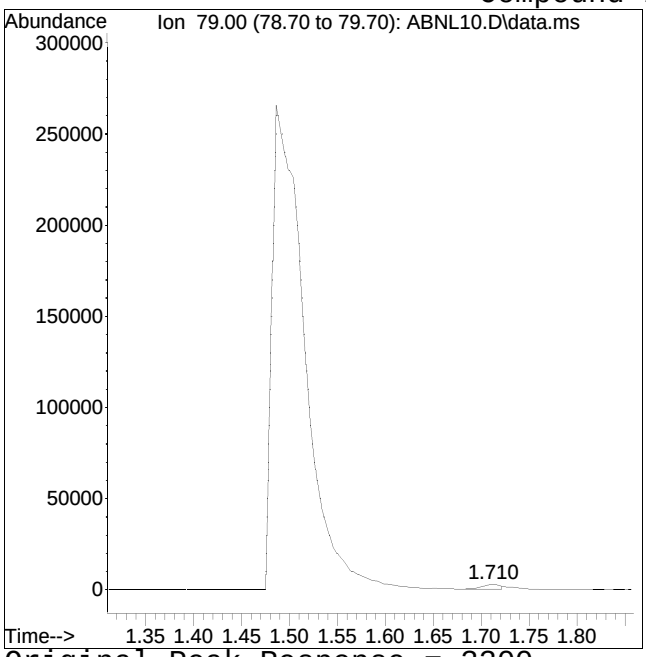
Sub List : ABNical - ABN ical sublistl\ABNL7.D•



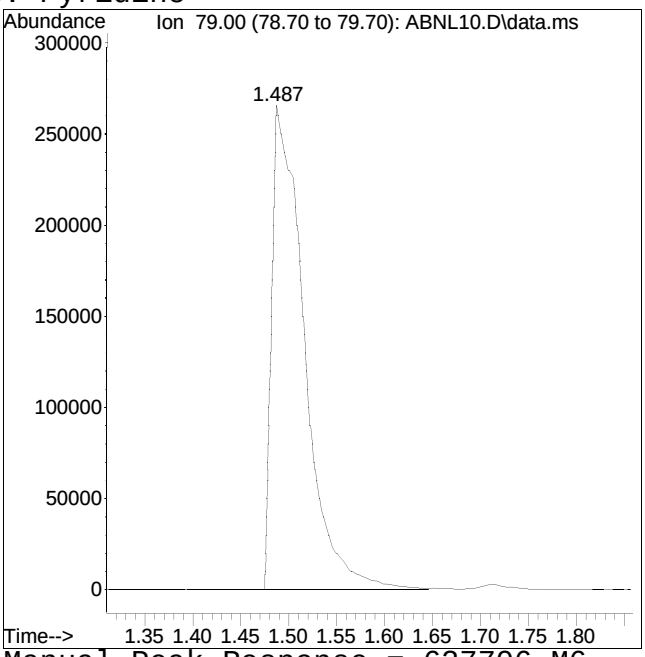
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL10.D Operator : MORK:jg
Date Inj'd : 12/9/2025 5:40 pm Instrument : Mork
Sample : IL1,32,,ABNL200 Lot# 12058Quant Date : 12/10/2025 2:44 pm

Compound #3: Pyridine



Original Peak Response = 3300



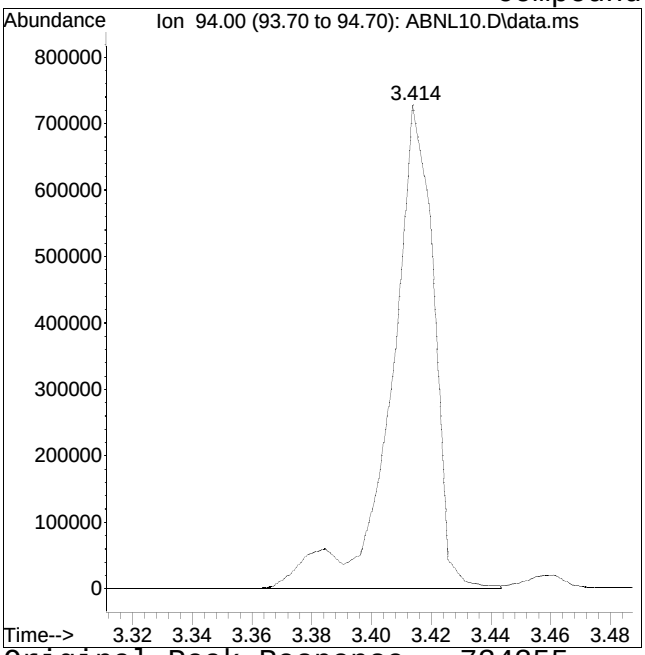
Manual Peak Response = 627706 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

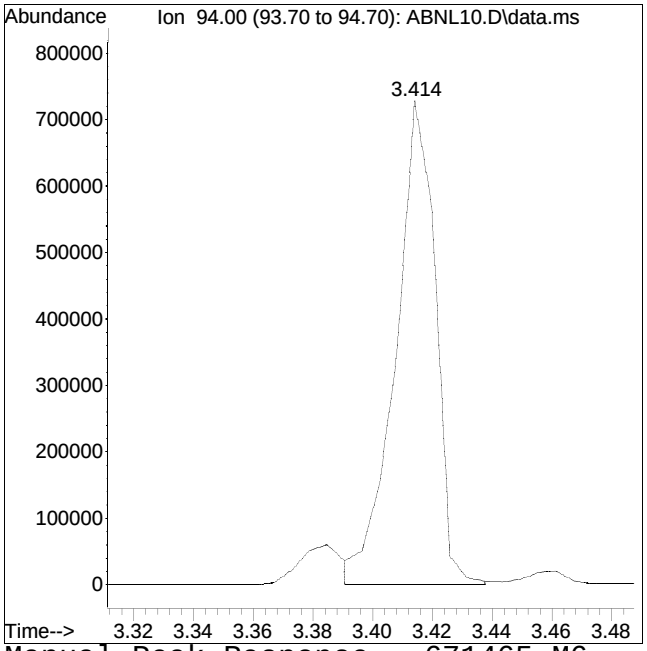
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL10.D Operator : MORK:jg
Date Inj'd : 12/9/2025 5:40 pm Instrument : Mork
Sample : IL1,32,,ABNL200 Lot# 12058 Quant Date : 12/10/2025 2:44 pm

Compound #8: Phenol



Original Peak Response = 734355



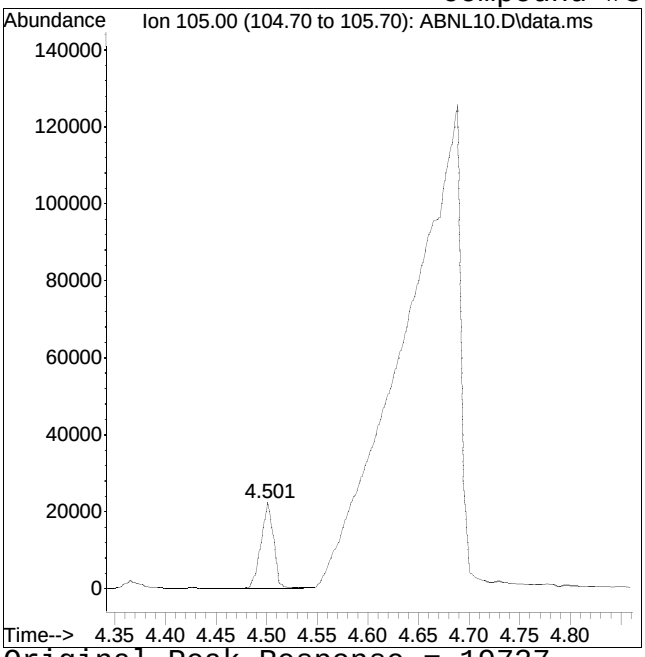
Manual Peak Response = 671465 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

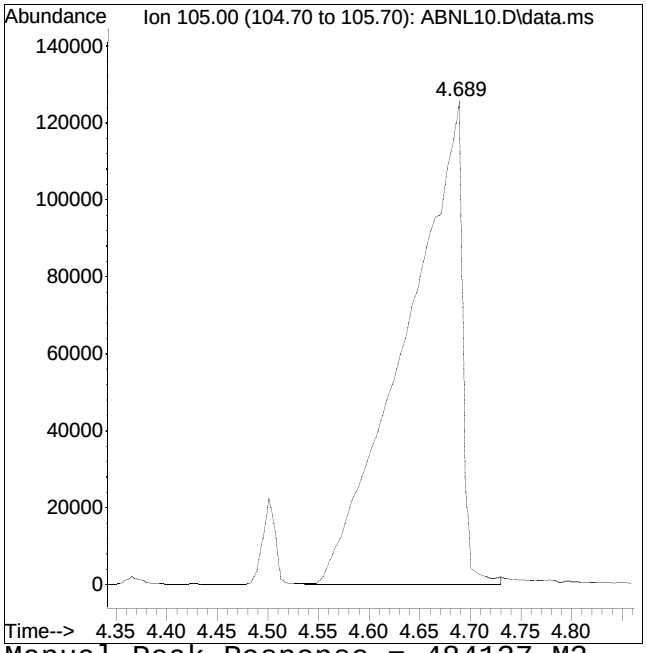
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL10.D Operator : MORK:jg
Date Inj'd : 12/9/2025 5:40 pm Instrument : Mork
Sample : IL1,32,,ABNL200 Lot# 12058 Quant Date : 12/10/2025 2:44 pm

Compound #37: Benzoic Acid



Original Peak Response = 19737



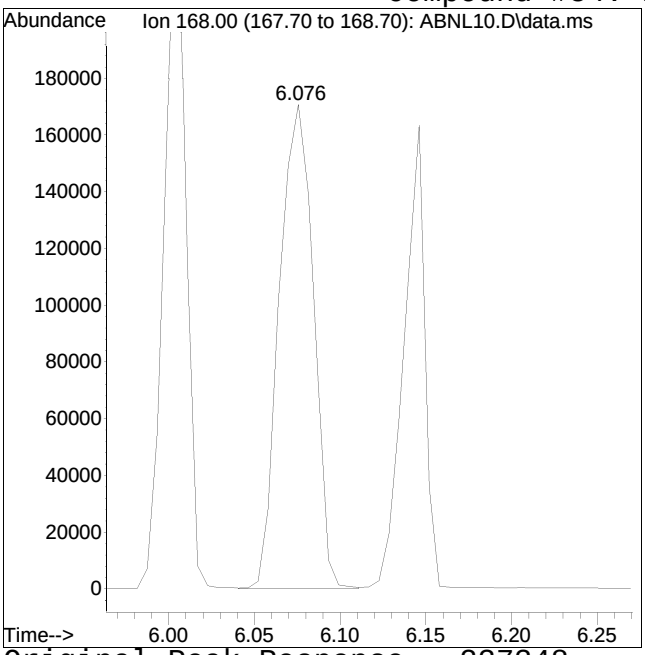
Manual Peak Response = 484137 M3

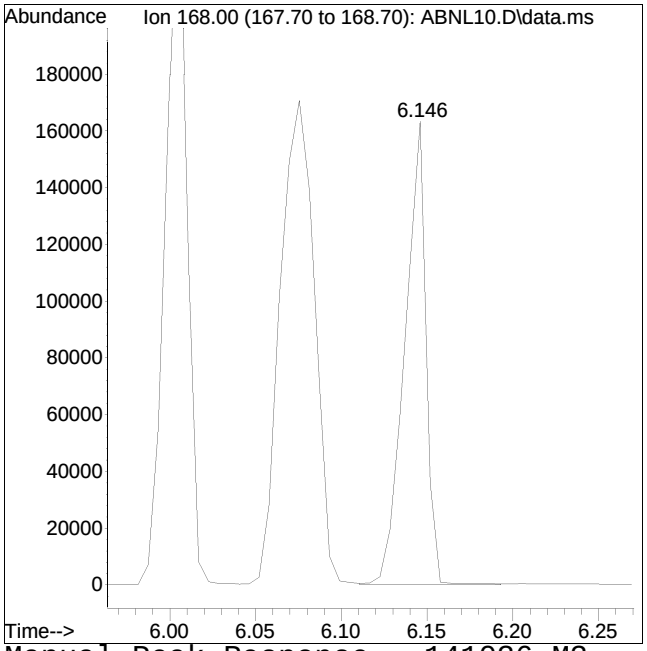
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL10.D Operator : MORK:jg
Date Inj'd : 12/9/2025 5:40 pm Instrument : Mork
Sample : IL1,32,,ABNL200 Lot# 12058 Quant Date : 12/10/2025 2:44 pm

Compound #54: 1,2-Dinitrobenzene





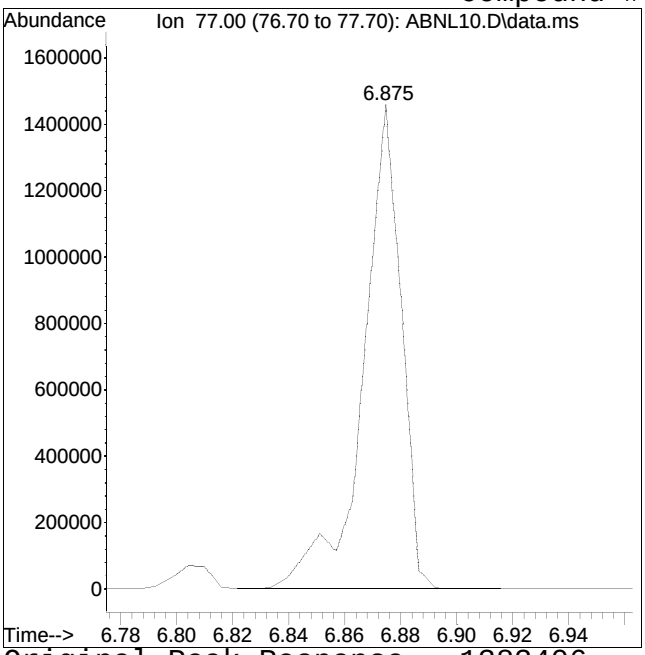
Original Peak Response = 237348 Manual Peak Response = 141036 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

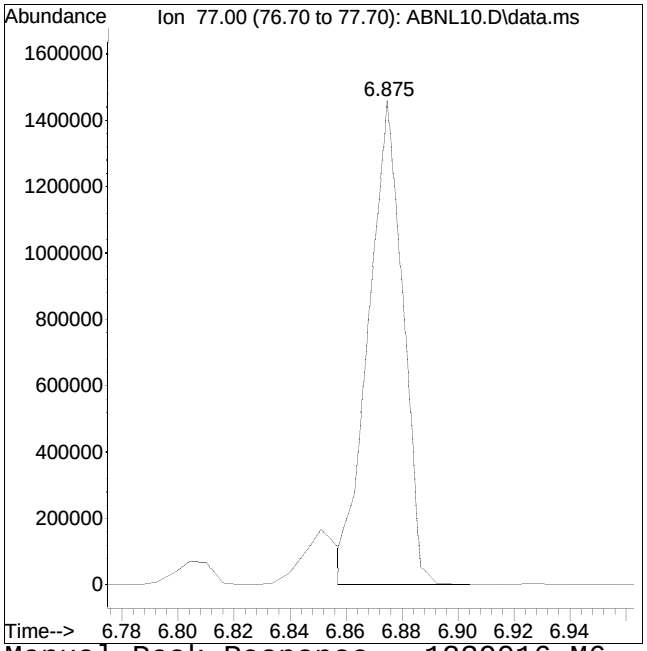
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL10.D Operator : MORK:jg
Date Inj'd : 12/9/2025 5:40 pm Instrument : Mork
Sample : IL1,32,,ABNL200 Lot# 12058 Quant Date : 12/10/2025 2:44 pm

Compound #78: Azobenzene



Original Peak Response = 1383406



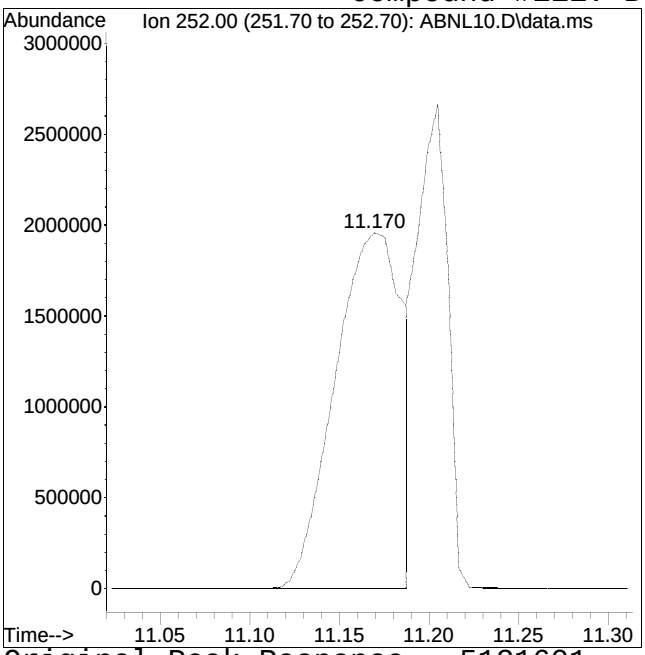
Manual Peak Response = 1239016 M6

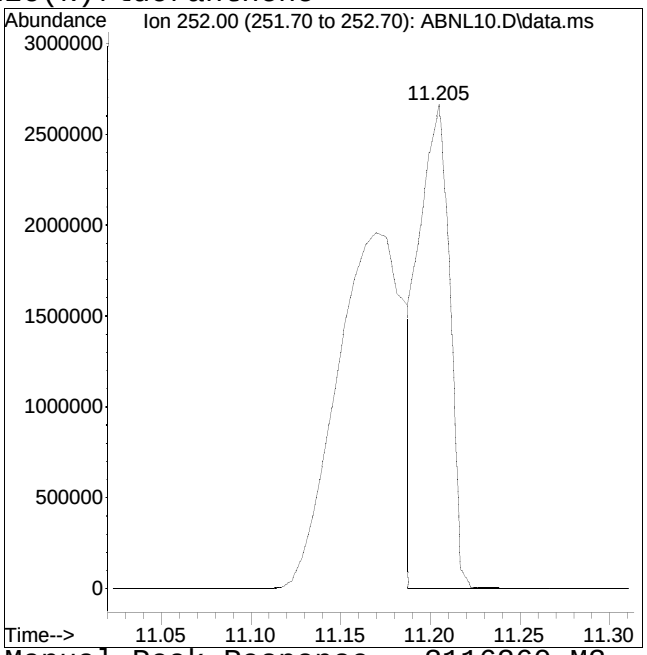
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL10.D Operator : MORK:jg
Date Inj'd : 12/9/2025 5:40 pm Instrument : Mork
Sample : IL1,32,,ABNL200 Lot# 12058 Quant Date : 12/10/2025 2:44 pm

Compound #111: Benzo(k)fluoranthene





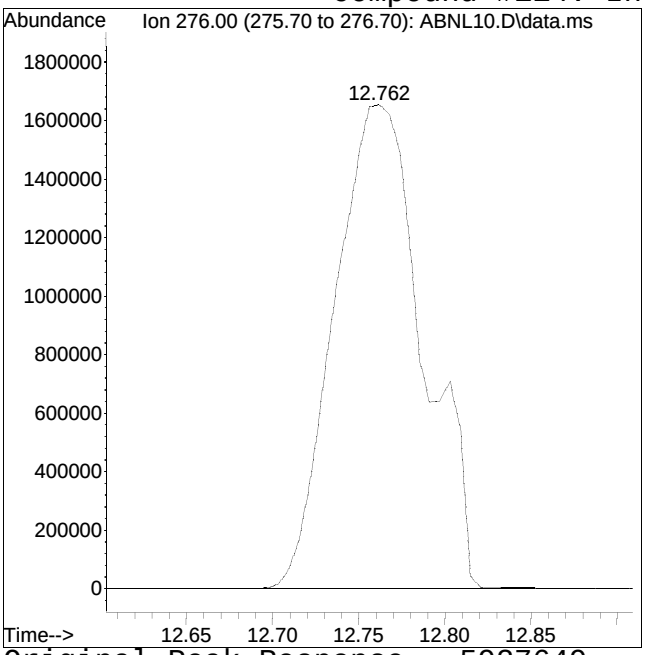
Original Peak Response = 5121601 Manual Peak Response = 3116260 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

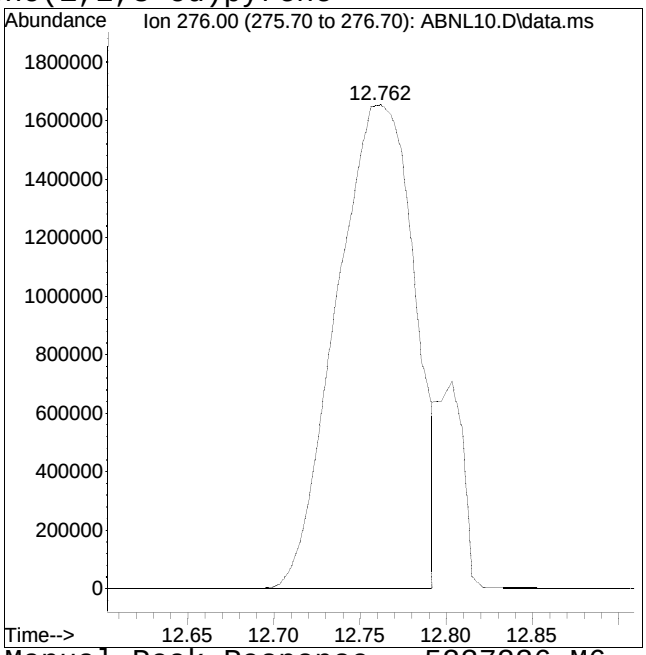
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL10.D Operator : MORK:jg
Date Inj'd : 12/9/2025 5:40 pm Instrument : Mork
Sample : IL1,32,,ABNL200 Lot# 12058 Quant Date : 12/10/2025 2:44 pm

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 5927649



Manual Peak Response = 5237236 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL9.D
Acq On : 9 Dec 2025 6:00 pm
Operator : MORK:jg
Sample : IL2,32,,ABNL150 Lot# 12127
Misc : WG2152654,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 10 15:20:57 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.649	152	104242	40.000	ug/ml	# 0.00
Standard Area 1 = 117810			Recovery = 88.48%			
35) IS1_Naphthalene-d8	4.730	136	355338	40.000	ug/ml	# 0.00
Standard Area 1 = 407331			Recovery = 87.24%			
63) IS1_Acenaphthene-d10	6.240	164	227917	40.000	ug/ml	0.00
Standard Area 1 = 261152			Recovery = 87.27%			
88) IS1_Phenanthrene-d10	7.515	188	520673	40.000	ug/ml	# 0.00
Standard Area 1 = 581810			Recovery = 89.49%			
104) IS1_Chrysene-d12	9.954	240	631932	40.000	ug/ml	# 0.00
Standard Area 1 = 706656			Recovery = 89.43%			
113) IS1_Perylene-d12	11.575	264	771583	40.000	ug/ml	0.00
Standard Area 1 = 833118			Recovery = 92.61%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.580	112	407683	147.015	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 294.03%#			
7) Phenol-d6	3.402	99	502908	138.997	ug/ml	0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 277.99%#			
19) Nitrobenzene-d5	4.131	82	432730	134.229	ug/ml	0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 536.92%#			
46) 2-Fluorobiphenyl	5.682	172	1245100	147.810	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 591.24%#			
79) 2,4,6-Tribromophenol	6.928	330	294306	180.140	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 360.28%#			
96) 4-Terphenyl-d14	8.931	244	2052922	140.946	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 563.78%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.469	74	249575	138.723	ug/ml	99
3) Pyridine	1.493	79	453811M6	166.518	ug/ml	
5) Aniline	3.379	93	646990	142.717	ug/ml#	66
6) 2-Chlorophenol	3.479	128	459841	140.881	ug/ml	99
8) Phenol	3.414	94	510368	122.690	ug/ml#	63
9) Bis(2-chloroethyl)ether	3.455	93	360228	130.730	ug/ml	98
10) 1,3-Dichlorobenzene	3.602	146	545608	138.226	ug/ml	98
11) 1,4-Dichlorobenzene	3.667	146	549657	135.063	ug/ml	99
12) 1,2-Dichlorobenzene	3.790	146	522279	133.232	ug/ml	99
13) Benzyl alcohol	3.796	79	366551	134.556	ug/ml	97
14) Bis(2-chloroisopropyl)...	3.913	45	465785	149.305	ug/ml#	89

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL9.D
Acq On : 9 Dec 2025 6:00 pm
Operator : MORK:jg
Sample : IL2,32,,ABNL150 Lot# 12127
Misc : WG2152654,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 10 15:20:57 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	3.913	108	376182	131.191	ug/ml	98
16) Hexachloroethane	4.072	117	203504	146.318	ug/ml#	61
17) n-Nitrosodi-n-propylamine	4.031	70	295921	128.265	ug/ml#	93
18) 3-Methylphenol/4-Methy...	4.054	108	407410	132.102	ug/ml	97
20) Nitrobenzene	4.143	77	426494	130.070	ug/ml	96
21) Isophorone	4.360	82	779250	125.973	ug/ml#	98
22) 2-Nitrophenol	4.419	139	258546	160.433	ug/ml#	93
23) 2,4-Dimethylphenol	4.501	107	453688	147.354	ug/ml	96
24) Bis(2-chloroethoxy)met...	4.572	93	475663	126.847	ug/ml#	96
25) 2,4-Dichlorophenol	4.636	162	488021	149.355	ug/ml	97
26) 1,2,4-Trichlorobenzene	4.695	180	568829	147.453	ug/ml	99
36) Naphthalene	4.748	128	1255250	132.744	ug/ml	99
37) Benzoic Acid	4.671	105	362220M3	173.855	ug/ml	
38) 4-Chloroaniline	4.818	65	150612	140.484	ug/ml	99
39) Hexachlorobutadiene	4.883	225	374190	148.094	ug/ml	98
40) p-Chloro-m-cresol	5.271	107	400397	147.097	ug/ml	98
41) 2-Methylnaphthalene	5.353	142	880140	135.899	ug/ml	93
42) 1-Methylnaphthalene	5.429	115	327701	148.781	ug/ml	88
43) Hexachlorocyclopentadiene	5.500	237	496115	193.700	ug/ml	98
44) 2,4,6-Trichlorophenol	5.612	196	417006	159.035	ug/ml	96
45) 2,4,5-Trichlorophenol	5.641	196	468244	171.316	ug/ml	97
47) 2-Chloronaphthalene	5.764	162	1018994	145.733	ug/ml	98
48) 2-Nitroaniline	5.876	138	319777	165.565	ug/ml	98
49) 1,4-Dinitrobenzene	5.999	168	160663	189.283	ug/ml	89
50) 1,3-Dinitrobenzene	6.070	168	178197	181.338	ug/ml	92
51) Dimethyl phthalate	6.064	163	1250327	149.802	ug/ml#	98
52) Acenaphthylene	6.117	152	1606545	149.425	ug/ml	98
53) 2,6-Dinitrotoluene	6.099	165	274720	164.214	ug/ml	97
54) 1,2-Dinitrobenzene	6.140	168	101769M3	163.786	ug/ml	
64) 3-Nitroaniline	6.234	138	277888	155.583	ug/ml	99
65) Acenaphthene	6.270	154	917237	144.730	ug/ml	95
66) 2,4-Dinitrophenol	6.328	184	199728	208.550	ug/ml#	89
67) Dibenzofuran	6.422	168	1500230	143.592	ug/ml#	76
68) 2,4-Dinitrotoluene	6.446	165	383634	165.742	ug/ml#	76
69) 4-Nitrophenol	6.422	65	200938	162.567	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	6.510	232	420150	159.896	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	6.546	232	406846	159.559	ug/ml	98
72) Diethyl phthalate	6.675	149	1226757	146.713	ug/ml	98
73) Fluorene	6.716	166	1207213	144.629	ug/ml	92
74) 4-Chlorophenyl phenyl ...	6.734	204	640044	147.819	ug/ml	96

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL9.D
Acq On : 9 Dec 2025 6:00 pm
Operator : MORK:jg
Sample : IL2,32,,ABNL150 Lot# 12127
Misc : WG2152654,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 10 15:20:57 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	6.769	138	263574	143.446	ug/ml#	80
76)	4,6-Dinitro-o-cresol	6.798	198	264670	210.315	ug/ml#	85
77)	NDPA/DPA	6.845	169	1030384	146.591	ug/ml	91
78)	Azobenzene	6.875	77	900747M6	129.078	ug/ml	
80)	4-Bromophenyl phenyl e...	7.151	248	468173	151.965	ug/ml	97
81)	Hexachlorobenzene	7.198	284	580752	159.958	ug/ml	91
82)	Pentachlorophenol	7.374	266	382746	168.388	ug/ml	100
89)	Phenanthrene	7.539	178	1924906	133.740	ug/ml	96
90)	Anthracene	7.580	178	1957977	135.734	ug/ml	95
91)	Carbazole	7.738	167	1800030	136.091	ug/ml	96
92)	Di-n-butylphthalate	8.091	149	2142048	141.212	ug/ml	98
93)	Fluoranthene	8.561	202	2501250	139.191	ug/ml#	91
94)	Benzidine	8.708	184	1819859	175.699	ug/ml#	93
95)	Pyrene	8.755	202	2547062	135.817	ug/ml	95
97)	Butyl benzyl phthalate	9.437	149	1117692	179.758	ug/ml	93
105)	Benzo(a)anthracene	9.942	228	2950745	138.979	ug/ml	96
106)	3,3'-Dichlorobenzidine	9.959	252	1254085	160.494	ug/ml#	96
107)	Chrysene	9.989	228	2464940	124.878	ug/ml	95
108)	Bis(2-ethylhexyl)phtha...	10.100	149	1551530	154.493	ug/ml#	93
109)	Di-n-octylphthalate	10.858	149	2875201	168.577	ug/ml#	95
110)	Benzo(b)fluoranthene	11.164	252	3434688	157.333	ug/ml#	92
111)	Benzo(k)fluoranthene	11.199	252	2824164M3	137.144	ug/ml	
112)	Benzo(a)pyrene	11.522	252	3155877	159.646	ug/ml#	92
114)	Indeno(1,2,3-cd)pyrene	12.756	276	3875501	164.296	ug/mL#	84
115)	Dibenzo(a,h)anthracene	12.797	278	3343518	149.629	ug/ml#	89
116)	Benzo(ghi)perylene	13.026	276	3438570	158.773	ug/ml#	84

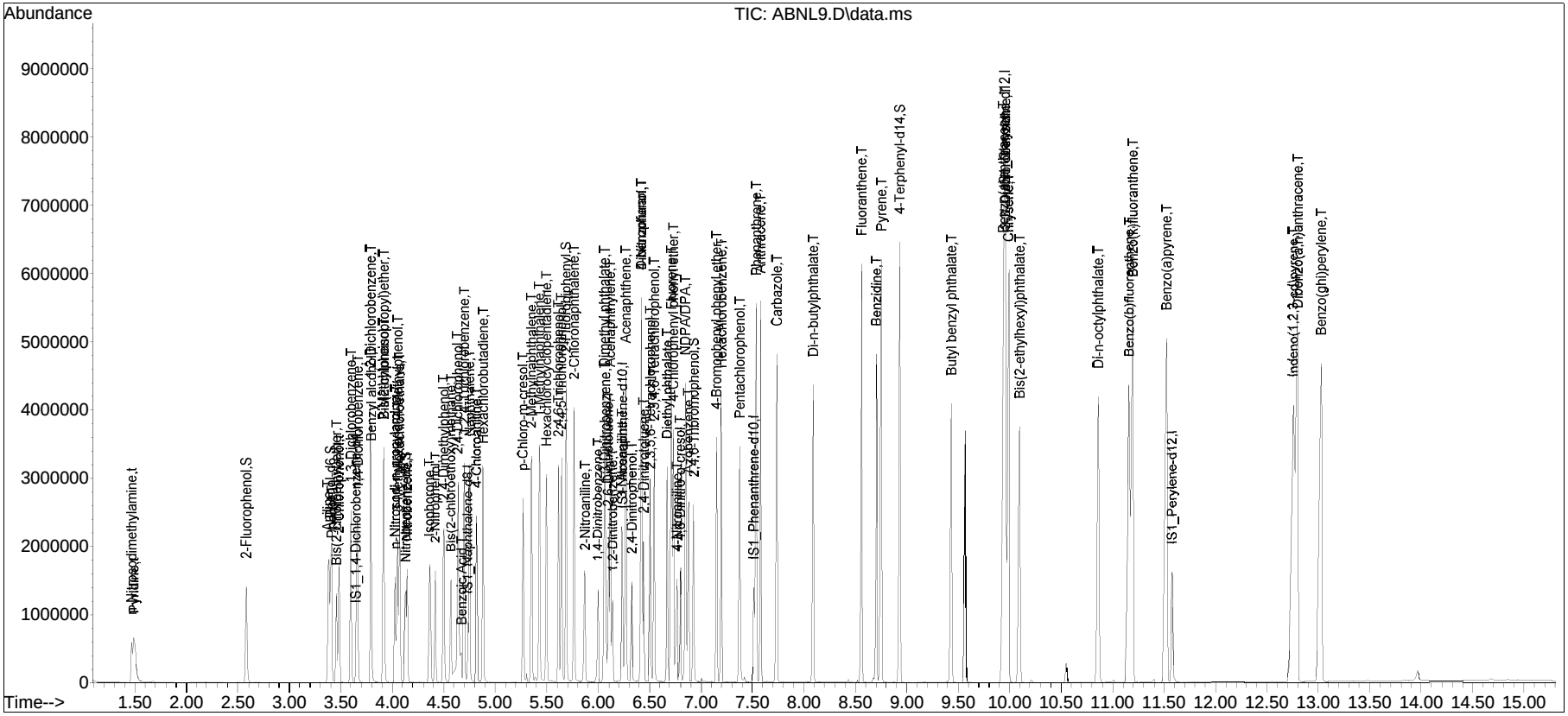
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL9.D
Acq On : 9 Dec 2025 6:00 pm
Operator : MORK:jg
Sample : IL2,32,,ABNL150 Lot# 12127
Misc : WG2152654,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 10 15:20:57 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

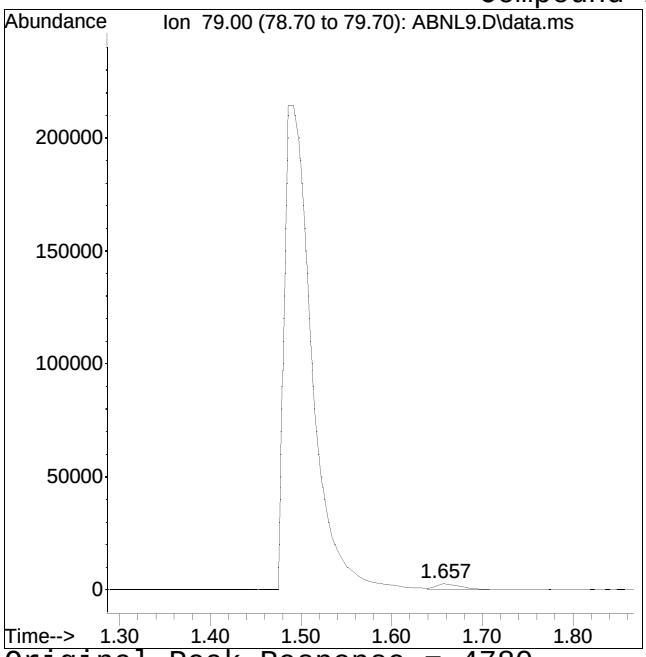
Sub List : ABNical - ABN ical sublistl\ABNL7.D•



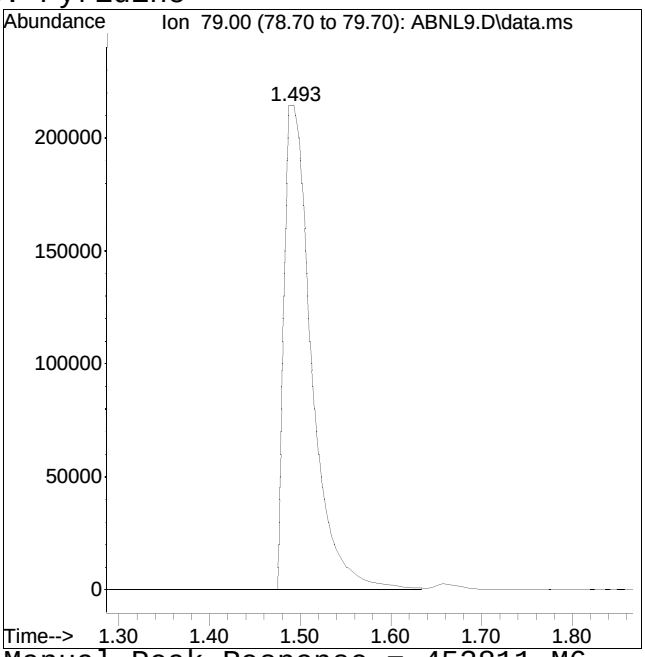
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL9.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:00 pm Instrument : Mork
Sample : IL2,32,,ABNL150 Lot# 12127 Quant Date : 12/10/2025 2:48 pm

Compound #3: Pyridine



Original Peak Response = 4780



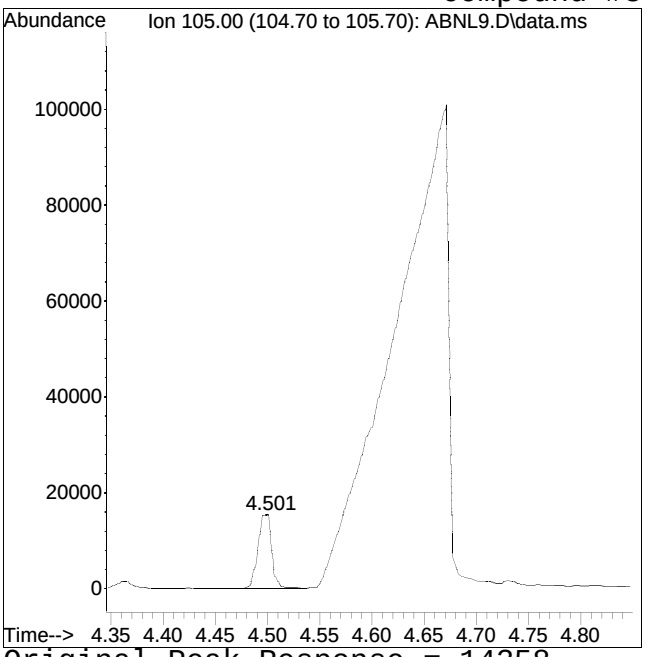
Manual Peak Response = 453811 M6

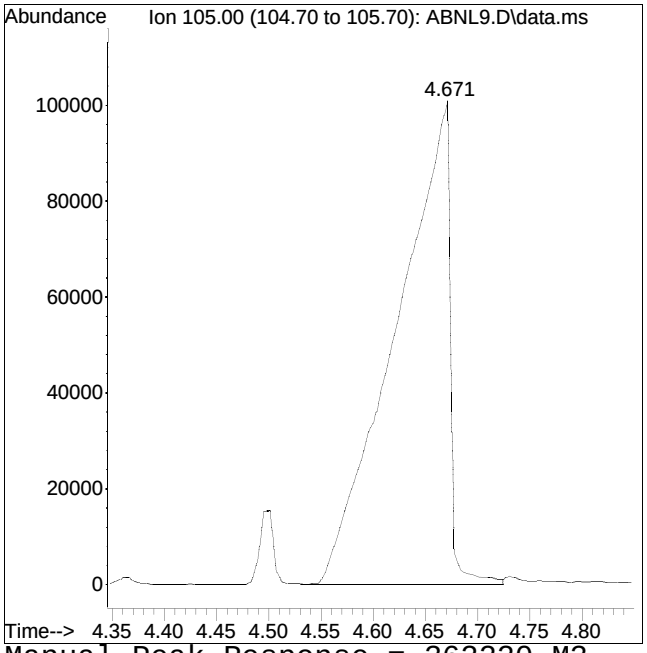
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL9.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:00 pm Instrument : Mork
Sample : IL2,32,,ABNL150 Lot# 12127 Quant Date : 12/10/2025 2:48 pm

Compound #37: Benzoic Acid





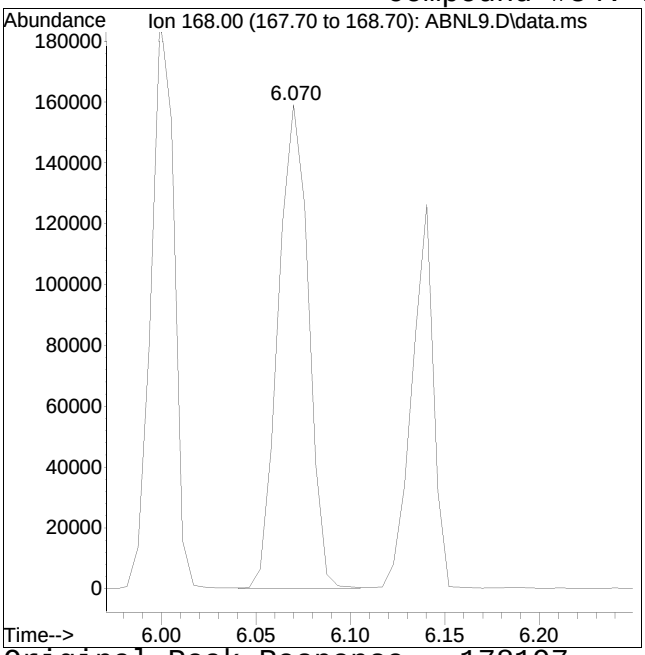
Original Peak Response = 14358 Manual Peak Response = 362220 M3

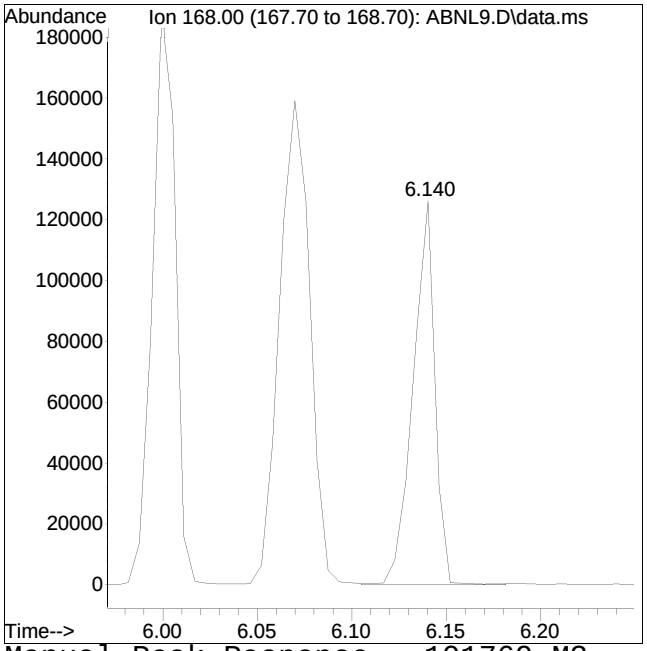
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL9.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:00 pm Instrument : Mork
Sample : IL2,32,,ABNL150 Lot# 12127 Quant Date : 12/10/2025 2:48 pm

Compound #54: 1,2-Dinitrobenzene





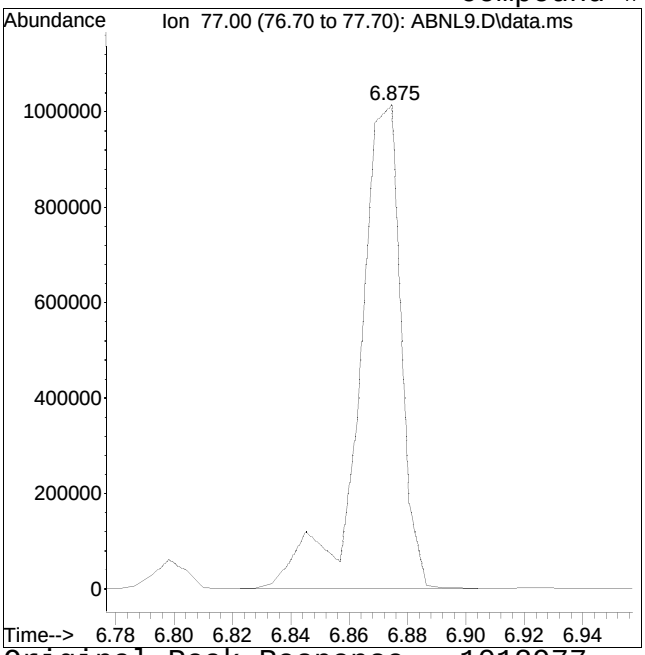
Original Peak Response = 178197 Manual Peak Response = 101769 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

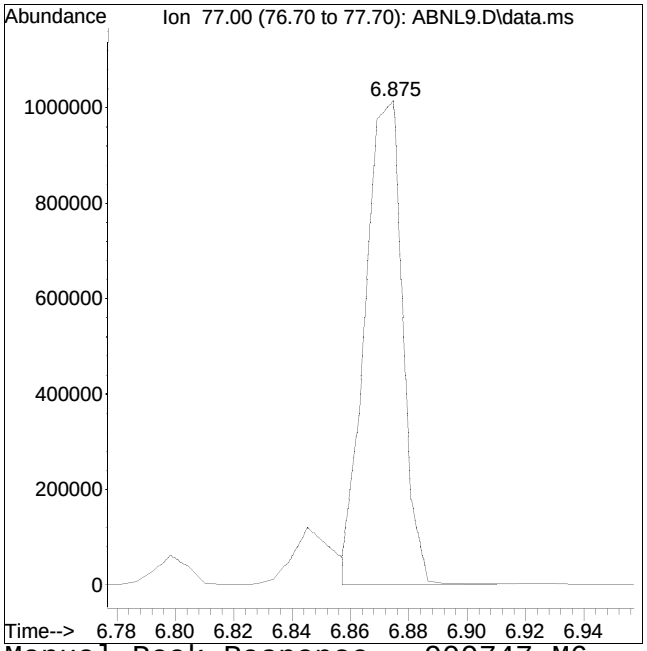
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL9.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:00 pm Instrument : Mork
Sample : IL2,32,,ABNL150 Lot# 12127 Quant Date : 12/10/2025 2:48 pm

Compound #78: Azobenzene



Original Peak Response = 1012977



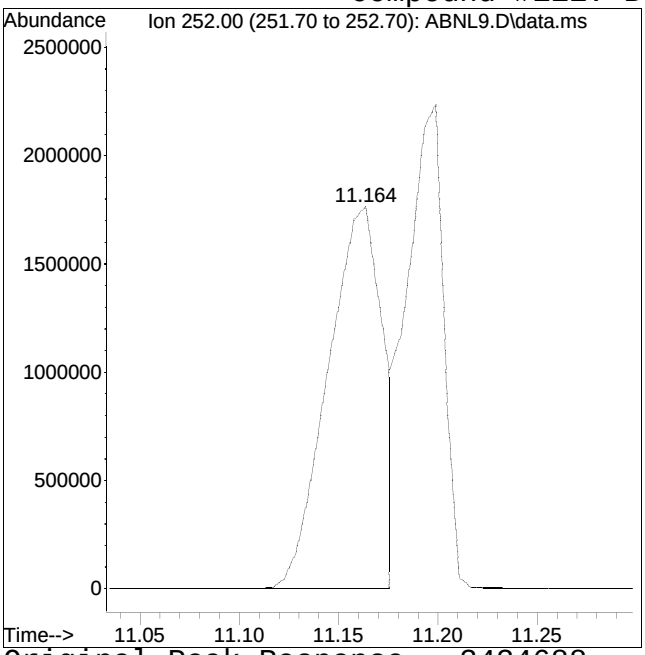
Manual Peak Response = 900747 M6

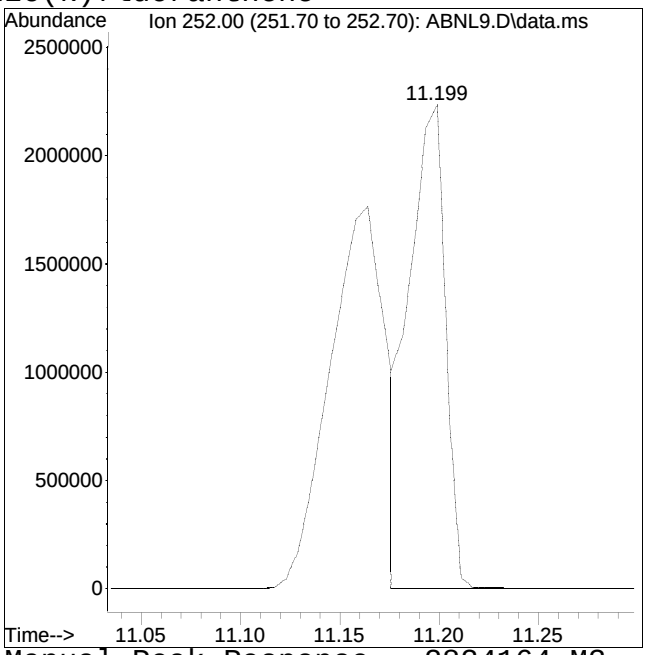
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL9.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:00 pm Instrument : Mork
Sample : IL2,32,,ABNL150 Lot# 12127 Quant Date : 12/10/2025 2:48 pm

Compound #111: Benzo(k)fluoranthene





Original Peak Response = 3434688 Manual Peak Response = 2824164 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL8.D
Acq On : 9 Dec 2025 6:20 pm
Operator : MORK:jg
Sample : IL3,32,,ABNL100 Lot# 12128
Misc : WG2152654,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 10 15:19:25 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.649	152	117954	40.000	ug/ml	# 0.00
Standard Area 1 = 117810			Recovery = 100.12%			
35) IS1_Naphthalene-d8	4.730	136	401023	40.000	ug/ml	# 0.00
Standard Area 1 = 407331			Recovery = 98.45%			
63) IS1_Acenaphthene-d10	6.240	164	258024	40.000	ug/ml	0.00
Standard Area 1 = 261152			Recovery = 98.80%			
88) IS1_Phenanthrene-d10	7.515	188	584120	40.000	ug/ml	# 0.00
Standard Area 1 = 581810			Recovery = 100.40%			
104) IS1_Chrysene-d12	9.954	240	717432	40.000	ug/ml	# 0.00
Standard Area 1 = 706656			Recovery = 101.52%			
113) IS1_Perylene-d12	11.575	264	870406	40.000	ug/ml	0.00
Standard Area 1 = 833118			Recovery = 104.48%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.580	112	302733	96.478	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 192.96%#			
7) Phenol-d6	3.396	99	375697	91.766	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 183.53%#			
19) Nitrobenzene-d5	4.125	82	332202	91.067	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 364.27%#			
46) 2-Fluorobiphenyl	5.682	172	977925	102.868	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 411.47%#			
79) 2,4,6-Tribromophenol	6.928	330	221609	119.816	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 239.63%#			
96) 4-Terphenyl-d14	8.931	244	1616204	98.910	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 395.64%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.469	74	189311	92.993	ug/ml	99
3) Pyridine	1.493	79	318196	103.184	ug/ml#	82
5) Aniline	3.379	93	487580	95.050	ug/ml#	63
6) 2-Chlorophenol	3.479	128	353578	95.733	ug/ml	98
8) Phenol	3.408	94	382159	81.190	ug/ml#	66
9) Bis(2-chloroethyl)ether	3.455	93	278580	89.347	ug/ml	98
10) 1,3-Dichlorobenzene	3.602	146	421991	94.480	ug/ml	99
11) 1,4-Dichlorobenzene	3.661	146	425840	92.474	ug/ml	99
12) 1,2-Dichlorobenzene	3.790	146	410575	92.561	ug/ml	99
13) Benzyl alcohol	3.790	79	287273	93.195	ug/ml	96
14) Bis(2-chloroisopropyl)...	3.913	45	355061	100.582	ug/ml#	89

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL8.D
Acq On : 9 Dec 2025 6:20 pm
Operator : MORK:jg
Sample : IL3,32,,ABNL100 Lot# 12128
Misc : WG2152654,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 10 15:19:25 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	3.908	108	289715	89.291	ug/ml	98
16) Hexachloroethane	4.072	117	156448	99.409	ug/ml#	59
17) n-Nitrosodi-n-propylamine	4.025	70	225232	86.276	ug/ml#	93
18) 3-Methylphenol/4-Methy...	4.049	108	312425	89.527	ug/ml	97
20) Nitrobenzene	4.143	77	325708	87.785	ug/ml	97
21) Isophorone	4.360	82	599348	85.627	ug/ml	98
22) 2-Nitrophenol	4.413	139	198493	108.851	ug/ml#	93
23) 2,4-Dimethylphenol	4.495	107	349602	100.348	ug/ml	95
24) Bis(2-chloroethoxy)met...	4.566	93	369951	87.188	ug/ml#	96
25) 2,4-Dichlorophenol	4.636	162	373849	101.113	ug/ml	97
26) 1,2,4-Trichlorobenzene	4.695	180	433931	99.408	ug/ml	99
36) Naphthalene	4.748	128	961063	90.055	ug/ml	99
37) Benzoic Acid	4.654	105	267490M3	113.761	ug/ml	
38) 4-Chloroaniline	4.818	65	113283	93.628	ug/ml	98
39) Hexachlorobutadiene	4.877	225	291194	102.117	ug/ml	99
40) p-Chloro-m-cresol	5.271	107	300359	97.775	ug/ml	99
41) 2-Methylnaphthalene	5.347	142	681744	93.273	ug/ml	93
42) 1-Methylnaphthalene	5.429	115	250954	100.957	ug/ml	91
43) Hexachlorocyclopentadiene	5.500	237	376077	130.106	ug/ml	98
44) 2,4,6-Trichlorophenol	5.611	196	315036	106.459	ug/ml	99
45) 2,4,5-Trichlorophenol	5.641	196	347795	112.751	ug/ml	99
47) 2-Chloronaphthalene	5.764	162	796566	100.944	ug/ml	98
48) 2-Nitroaniline	5.870	138	243947	111.915	ug/ml	97
49) 1,4-Dinitrobenzene	5.999	168	120791	126.097	ug/ml	88
50) 1,3-Dinitrobenzene	6.070	168	133653	120.515	ug/ml	92
51) Dimethyl phthalate	6.058	163	981085	104.154	ug/ml#	98
52) Acenaphthylene	6.117	152	1257109	103.604	ug/ml	99
53) 2,6-Dinitrotoluene	6.093	165	207215	109.752	ug/ml	97
54) 1,2-Dinitrobenzene	6.134	168	77585M3	110.640	ug/ml	
64) 3-Nitroaniline	6.234	138	211417	104.556	ug/ml#	99
65) Acenaphthene	6.270	154	699493	97.494	ug/ml	93
66) 2,4-Dinitrophenol	6.328	184	150083	138.426	ug/ml#	88
67) Dibenzofuran	6.422	168	1163982	98.409	ug/ml#	77
68) 2,4-Dinitrotoluene	6.440	165	294993	112.576	ug/ml#	78
69) 4-Nitrophenol	6.422	65	152457	108.952	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	6.505	232	323635	108.794	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	6.546	232	306044	106.021	ug/ml	98
72) Diethyl phthalate	6.669	149	947045	100.046	ug/ml	99
73) Fluorene	6.716	166	955893	101.158	ug/ml	92
74) 4-Chlorophenyl phenyl ...	6.734	204	496136	101.213	ug/ml	97

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL8.D
Acq On : 9 Dec 2025 6:20 pm
Operator : MORK:jg
Sample : IL3,32,,ABNL100 Lot# 12128
Misc : WG2152654,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 10 15:19:25 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	6.763	138	202384	97.292	ug/ml#	84
76)	4,6-Dinitro-o-cresol	6.798	198	198860	139.582	ug/ml#	85
77)	NDPA/DPA	6.845	169	801675	100.745	ug/ml	92
78)	Azobenzene	6.869	77	703719M6	89.077	ug/ml	
80)	4-Bromophenyl phenyl e...	7.151	248	361623	103.684	ug/ml	97
81)	Hexachlorobenzene	7.192	284	435597	105.979	ug/ml	92
82)	Pentachlorophenol	7.374	266	281477	109.386	ug/ml	100
89)	Phenanthrene	7.533	178	1503727	93.129	ug/ml	97
90)	Anthracene	7.580	178	1521022	93.989	ug/ml	97
91)	Carbazole	7.733	167	1432862	96.565	ug/ml	97
92)	Di-n-butylphthalate	8.091	149	1659690	97.529	ug/ml	99
93)	Fluoranthene	8.561	202	1971142	97.776	ug/ml#	91
94)	Benzidine	8.708	184	1379449	118.714	ug/ml#	94
95)	Pyrene	8.749	202	2019016	95.966	ug/ml	97
97)	Butyl benzyl phthalate	9.431	149	861883	123.560	ug/ml	92
105)	Benzo(a)anthracene	9.942	228	2250934	93.383	ug/ml	97
106)	3,3'-Dichlorobenzidine	9.954	252	971422	109.504	ug/ml#	96
107)	Chrysene	9.983	228	1991655	88.875	ug/ml	97
108)	Bis(2-ethylhexyl)phtha...	10.095	149	1211644	106.271	ug/ml#	93
109)	Di-n-octylphthalate	10.852	149	2251321	116.267	ug/ml#	94
110)	Benzo(b)fluoranthene	11.158	252	2574611	103.881	ug/ml#	92
111)	Benzo(k)fluoranthene	11.193	252	2252842	96.363	ug/ml#	92
112)	Benzo(a)pyrene	11.516	252	2424550	108.033	ug/ml#	92
114)	Indeno(1,2,3-cd)pyrene	12.750	276	2808248M4	105.535	ug/mL	
115)	Dibenzo(a,h)anthracene	12.786	278	2562252	101.647	ug/ml#	89
116)	Benzo(ghi)perylene	13.021	276	2572658	105.303	ug/ml#	85

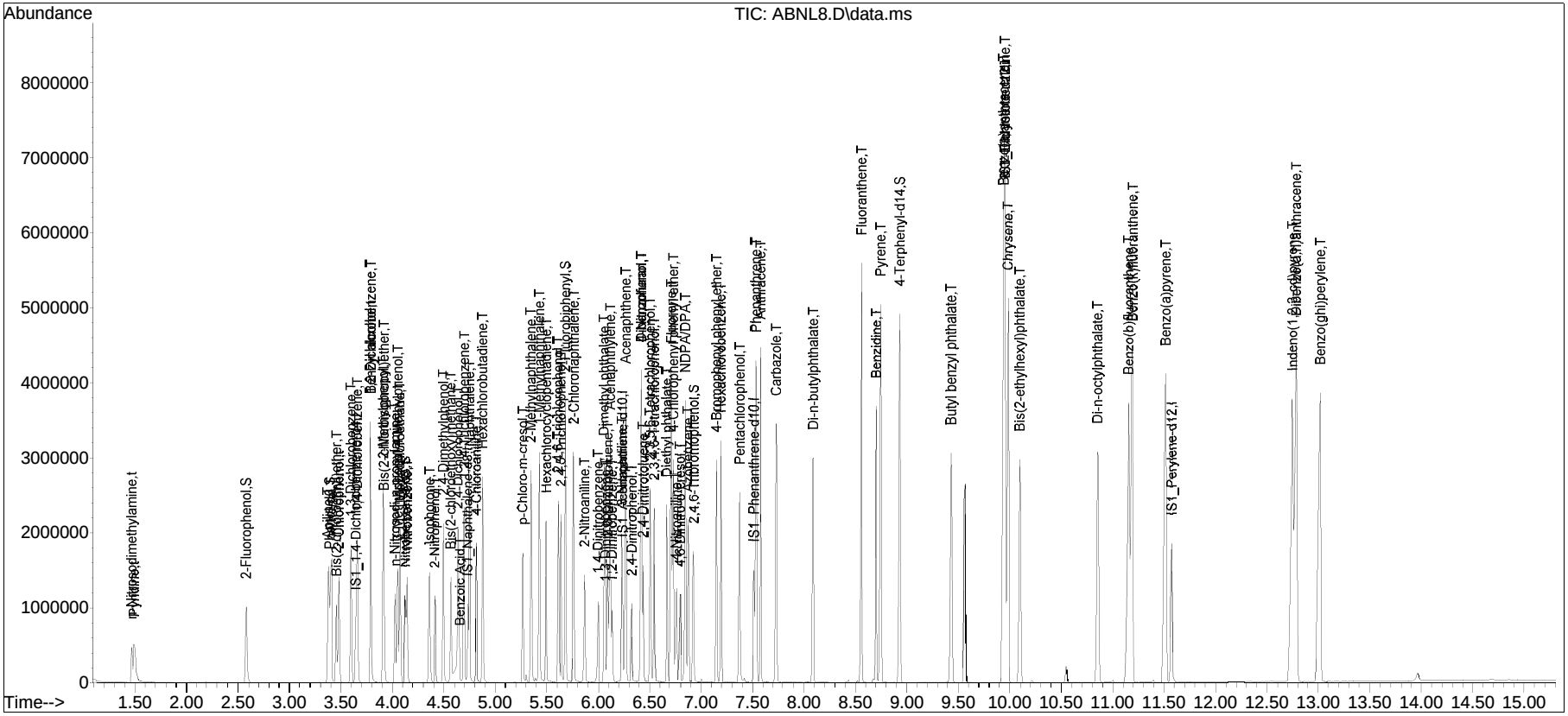
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL8.D
Acq On : 9 Dec 2025 6:20 pm
Operator : MORK:jg
Sample : IL3,32,,ABNL100 Lot# 12128
Misc : WG2152654,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 10 15:19:25 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

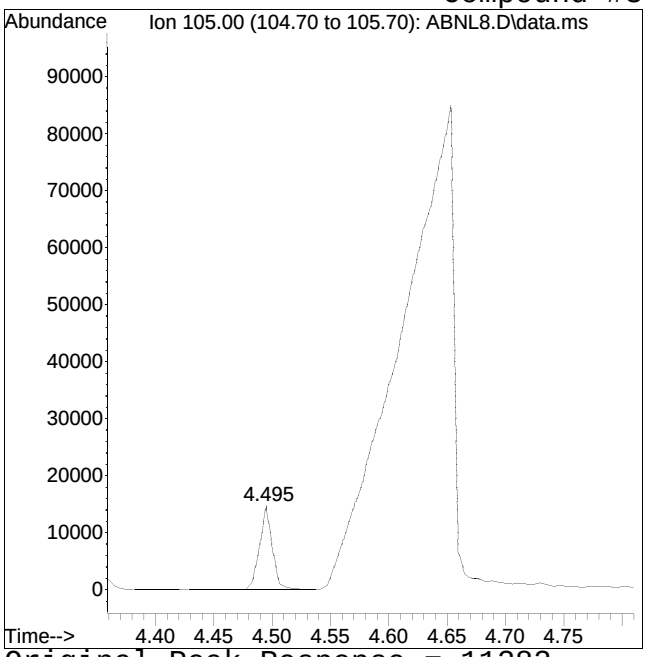
Sub List : ABNical - ABN ical sublistl\ABNL7.D•



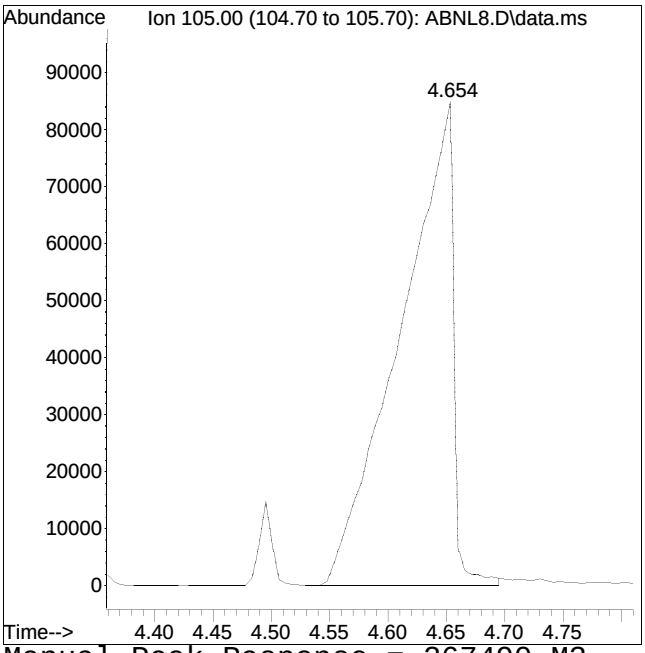
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL8.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:20 pm Instrument : Mork
Sample : IL3,32,,ABNL100 Lot# 12128Quant Date : 12/10/2025 2:47 pm

Compound #37: Benzoic Acid



Original Peak Response = 11282



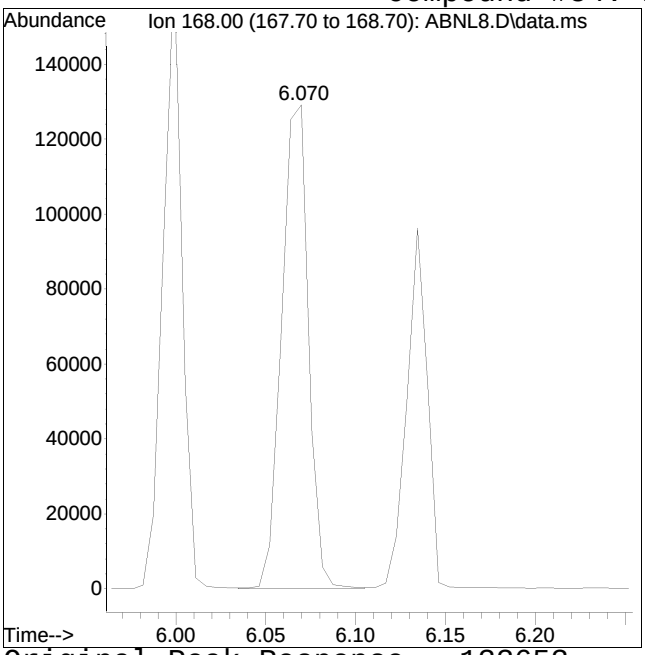
Manual Peak Response = 267490 M3

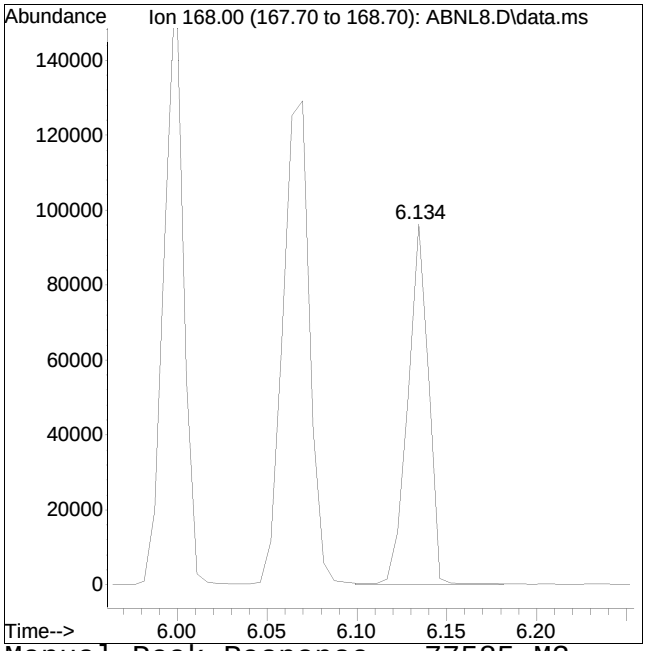
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL8.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:20 pm Instrument : Mork
Sample : IL3,32,,ABNL100 Lot# 12128 Quant Date : 12/10/2025 2:47 pm

Compound #54: 1,2-Dinitrobenzene





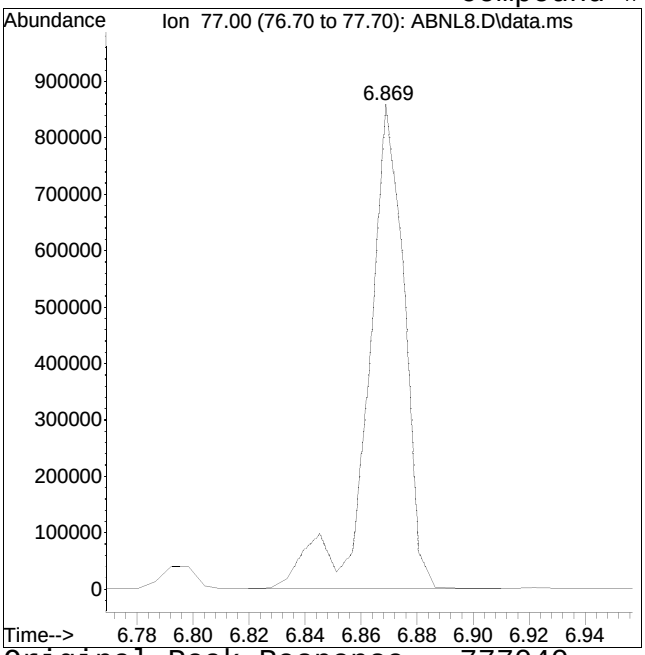
Original Peak Response = 133653 Manual Peak Response = 77585 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

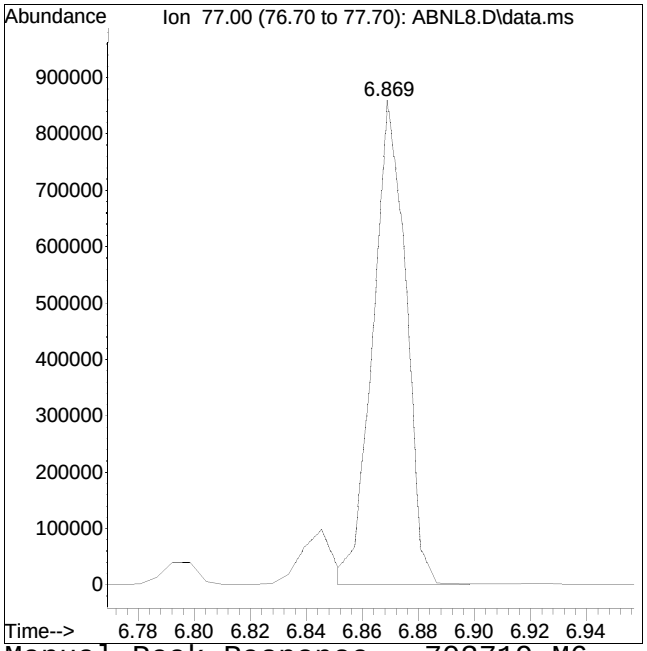
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL8.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:20 pm Instrument : Mork
Sample : IL3,32,,ABNL100 Lot# 12128 Quant Date : 12/10/2025 2:47 pm

Compound #78: Azobenzene



Original Peak Response = 777040



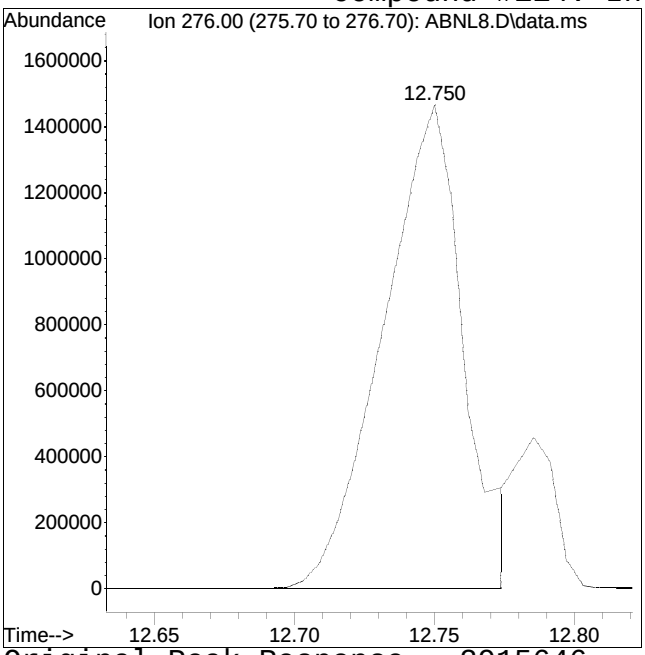
Manual Peak Response = 703719 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

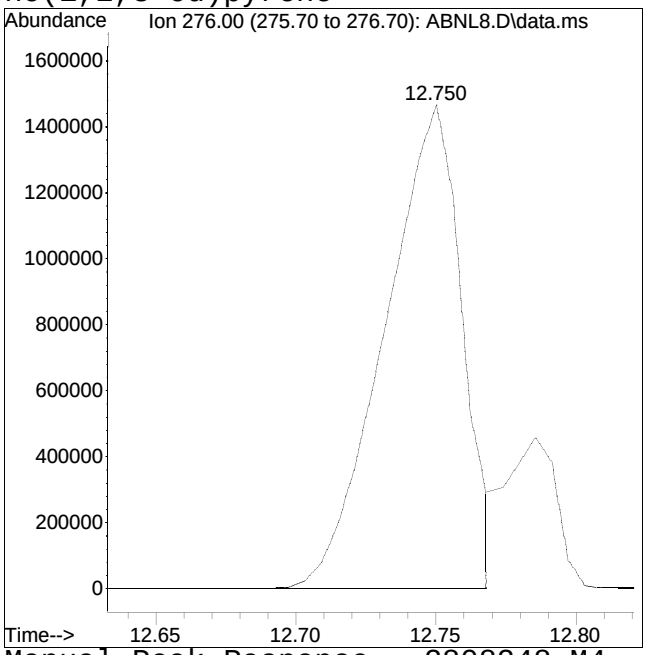
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL8.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:20 pm Instrument : Mork
Sample : IL3,32,,ABNL100 Lot# 12128 Quant Date : 12/10/2025 2:47 pm

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 2915646



Manual Peak Response = 2808248 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL7.D
Acq On : 9 Dec 2025 6:40 pm
Operator : MORK:jg
Sample : IL4,32,,ABNL50 Lot# 12129
Misc : WG2152654,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 10 14:20:10 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:15:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.649	152	117810	40.000	ug/ml	0.00
Standard Area 1 = 117810			Recovery = 100.00%			
35) IS1_Naphthalene-d8	4.730	136	407331	40.000	ug/ml	# 0.00
Standard Area 1 = 407331			Recovery = 100.00%			
63) IS1_Acenaphthene-d10	6.240	164	261152	40.000	ug/ml	0.00
Standard Area 1 = 261152			Recovery = 100.00%			
88) IS1_Phenanthrene-d10	7.509	188	581810	40.000	ug/ml	# 0.00
Standard Area 1 = 581810			Recovery = 100.00%			
104) IS1_Chrysene-d12	9.948	240	706656	40.000	ug/ml	# 0.00
Standard Area 1 = 706656			Recovery = 100.00%			
113) IS1_Perylene-d12	11.569	264	833118	40.000	ug/ml	0.00
Standard Area 1 = 833118			Recovery = 100.00%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.580	112	142610	45.504	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 91.01%			
7) Phenol-d6	3.391	99	182375	44.601	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 89.20%			
19) Nitrobenzene-d5	4.119	82	161101	44.217	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 176.87%#			
46) 2-Fluorobiphenyl	5.682	172	486167	50.348	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 201.39%#			
79) 2,4,6-Tribromophenol	6.922	330	104776	55.970	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 111.94%#			
96) 4-Terphenyl-d14	8.925	244	803733	49.383	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 197.53%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.463	74	88566	43.559	ug/ml	99
3) Pyridine	1.493	79	155192	50.387	ug/ml#	82
5) Aniline	3.379	93	239247	46.697	ug/ml#	65
6) 2-Chlorophenol	3.473	128	173453	47.021	ug/ml	98
8) Phenol	3.402	94	188509M6	40.098	ug/ml	
9) Bis(2-chloroethyl)ether	3.449	93	131297M6	42.161	ug/ml	
10) 1,3-Dichlorobenzene	3.596	146	210546	47.197	ug/ml	98
11) 1,4-Dichlorobenzene	3.661	146	211693	46.027	ug/ml	99
12) 1,2-Dichlorobenzene	3.790	146	200215	45.192	ug/ml	98
13) Benzyl alcohol	3.790	79	136600	44.369	ug/ml	97
14) Bis(2-chloroisopropyl)...	3.908	45	174767	49.569	ug/ml#	90

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL7.D
Acq On : 9 Dec 2025 6:40 pm
Operator : MORK:jg
Sample : IL4,32,,ABNL50 Lot# 12129
Misc : WG2152654,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 10 14:20:10 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:15:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	3.908	108	146051	45.068	ug/ml	98
16) Hexachloroethane	4.072	117	77992	49.618	ug/ml#	61
17) n-Nitrosodi-n-propylamine	4.019	70	111001	42.572	ug/ml	93
18) 3-Methylphenol/4-Methy...	4.049	108	153155	43.941	ug/ml	97
20) Nitrobenzene	4.137	77	161225	43.507	ug/ml	97
21) Isophorone	4.354	82	293256	41.948	ug/ml	98
22) 2-Nitrophenol	4.413	139	94281	51.766	ug/ml#	93
23) 2,4-Dimethylphenol	4.489	107	170732	49.066	ug/ml	96
24) Bis(2-chloroethoxy)met...	4.560	93	182133	42.976	ug/ml#	97
25) 2,4-Dichlorophenol	4.630	162	186752	50.572	ug/ml	97
26) 1,2,4-Trichlorobenzene	4.689	180	216582	49.677	ug/ml	99
36) Naphthalene	4.748	128	492897	45.471	ug/ml	100
37) Benzoic Acid	4.619	105	127255M3	53.282	ug/ml	
38) 4-Chloroaniline	4.812	65	56109	45.656	ug/ml	96
39) Hexachlorobutadiene	4.877	225	142105	49.062	ug/ml	99
40) p-Chloro-m-cresol	5.265	107	147367	47.229	ug/ml	100
41) 2-Methylnaphthalene	5.347	142	342447	46.127	ug/ml	94
42) 1-Methylnaphthalene	5.429	115	123040	48.731	ug/ml	94
43) Hexachlorocyclopentadiene	5.494	237	177090	60.316	ug/ml	98
44) 2,4,6-Trichlorophenol	5.606	196	157323	52.340	ug/ml	99
45) 2,4,5-Trichlorophenol	5.635	196	173901	55.504	ug/ml	99
47) 2-Chloronaphthalene	5.758	162	403688	50.365	ug/ml	98
48) 2-Nitroaniline	5.864	138	118214	53.393	ug/ml	97
49) 1,4-Dinitrobenzene	5.993	168	56831	58.408	ug/ml	89
50) 1,3-Dinitrobenzene	6.058	168	63374	56.259	ug/ml	92
51) Dimethyl phthalate	6.052	163	479938	50.162	ug/ml#	98
52) Acenaphthylene	6.111	152	635981	51.602	ug/ml	99
53) 2,6-Dinitrotoluene	6.087	165	101089	52.713	ug/ml	93
54) 1,2-Dinitrobenzene	6.129	168	37918	53.236	ug/ml	98
64) 3-Nitroaniline	6.223	138	101931M3	49.806	ug/ml	
65) Acenaphthene	6.264	154	347491	47.852	ug/ml	93
66) 2,4-Dinitrophenol	6.322	184	67267	61.299	ug/ml#	90
67) Dibenzofuran	6.416	168	588157	49.130	ug/ml#	79
68) 2,4-Dinitrotoluene	6.434	165	143917	54.264	ug/ml#	78
69) 4-Nitrophenol	6.411	65	72098	50.907	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	6.505	232	154352	51.266	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	6.540	232	150998	51.683	ug/ml	98
72) Diethyl phthalate	6.663	149	476112	49.694	ug/ml	100
73) Fluorene	6.710	166	482201	50.418	ug/ml	93
74) 4-Chlorophenyl phenyl ...	6.734	204	248276	50.042	ug/ml	96

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL7.D
Acq On : 9 Dec 2025 6:40 pm
Operator : MORK:jg
Sample : IL4,32,,ABNL50 Lot# 12129
Misc : WG2152654,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 10 14:20:10 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:15:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	6.751	138	99455	47.238	ug/ml#	84
76)	4,6-Dinitro-o-cresol	6.787	198	94194	65.324	ug/ml#	84
77)	NDPA/DPA	6.840	169	399324	49.581	ug/ml	91
78)	Azobenzene	6.863	77	352508	44.086	ug/ml#	94
80)	4-Bromophenyl phenyl e...	7.145	248	175589	49.741	ug/ml	97
81)	Hexachlorobenzene	7.192	284	213853	51.406	ug/ml	92
82)	Pentachlorophenol	7.368	266	130504	50.108	ug/ml	100
89)	Phenanthrene	7.533	178	763874	47.496	ug/ml	98
90)	Anthracene	7.574	178	775105	48.087	ug/ml	98
91)	Carbazole	7.733	167	711870	48.165	ug/ml	98
92)	Di-n-butylphthalate	8.085	149	844589	49.828	ug/ml	99
93)	Fluoranthene	8.555	202	989108	49.258	ug/ml#	92
94)	Benzidine	8.702	184	689089	59.538	ug/ml#	94
95)	Pyrene	8.743	202	1020851	48.715	ug/ml	99
97)	Butyl benzyl phthalate	9.431	149	417785	60.132	ug/ml	90
105)	Benzo(a)anthracene	9.936	228	1120466M3	47.193	ug/ml	
106)	3,3'-Dichlorobenzidine	9.942	252	488415	55.896	ug/ml#	96
107)	Chrysene	9.971	228	1020994	46.255	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	10.095	149	607096	54.059	ug/ml#	91
109)	Di-n-octylphthalate	10.853	149	1095578	57.443	ug/ml#	93
110)	Benzo(b)fluoranthene	11.146	252	1214948M3	49.768	ug/ml	
111)	Benzo(k)fluoranthene	11.176	252	1155894	50.196	ug/ml#	94
112)	Benzo(a)pyrene	11.505	252	1156887	52.335	ug/ml#	92
114)	Indeno(1,2,3-cd)pyrene	12.733	276	1267278M3	49.756	ug/mL	
115)	Dibenzo(a,h)anthracene	12.768	278	1246106	51.647	ug/ml#	90
116)	Benzo(ghi)perylene	13.003	276	1209734	51.733	ug/ml#	86

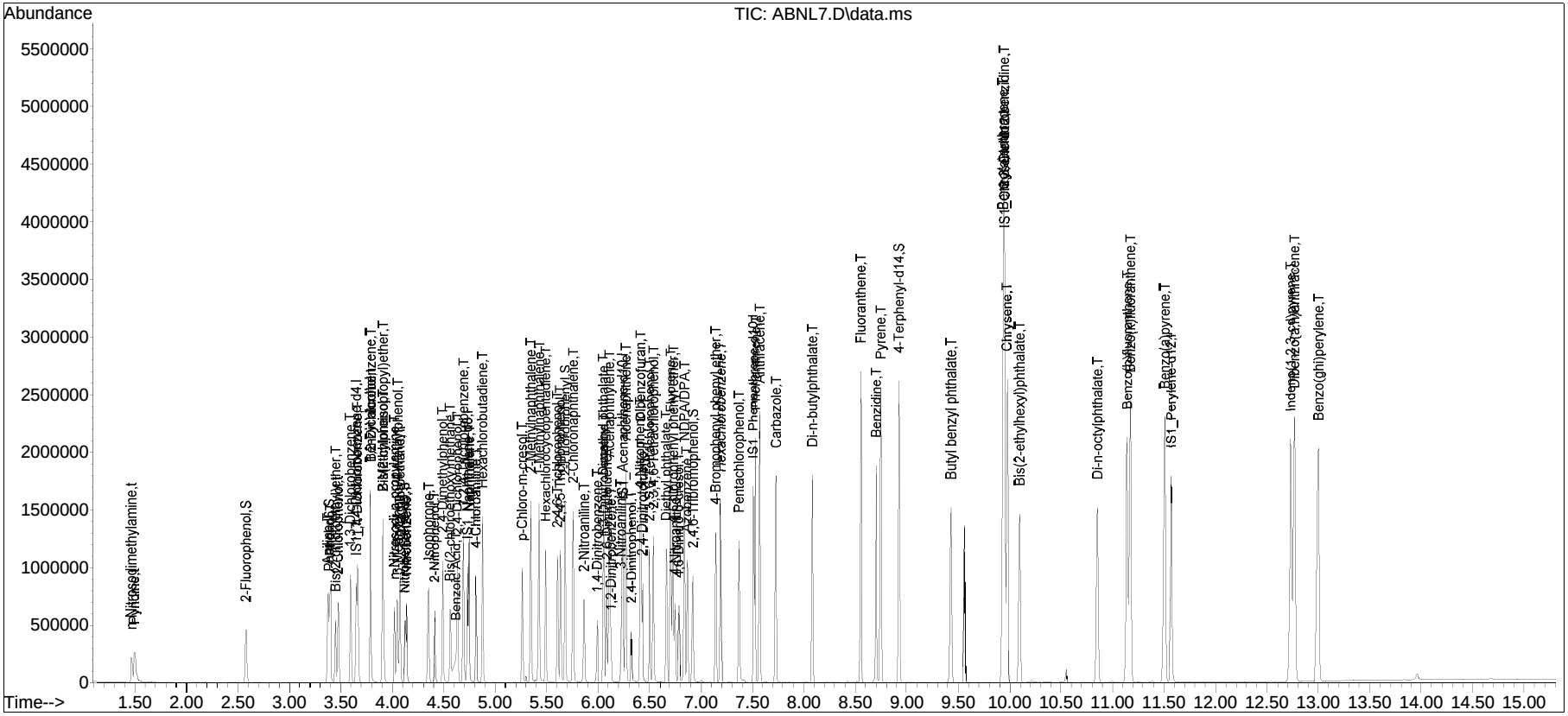
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL7.D
Acq On : 9 Dec 2025 6:40 pm
Operator : MORK:jg
Sample : IL4,32,,ABNL50 Lot# 12129
Misc : WG2152654,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 10 14:20:10 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:15:05 2025
Response via : Initial Calibration

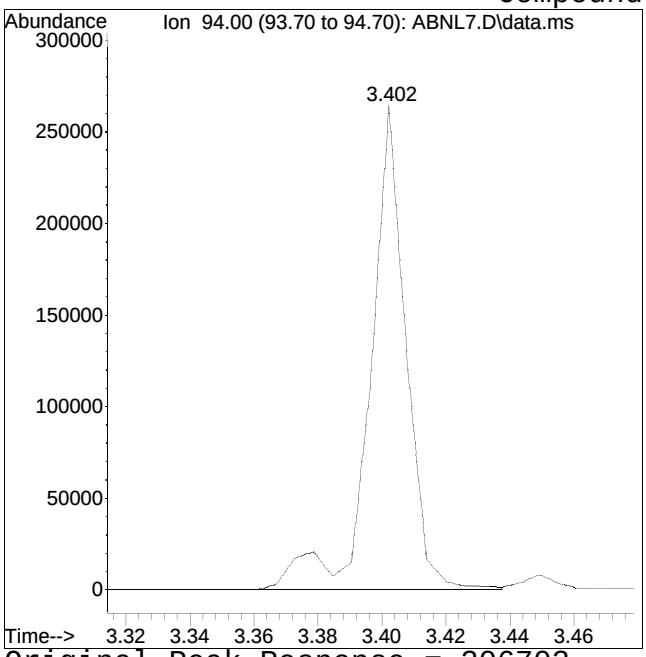
Sub List : ABNical - ABN ical sublistl\ABNL7.D•



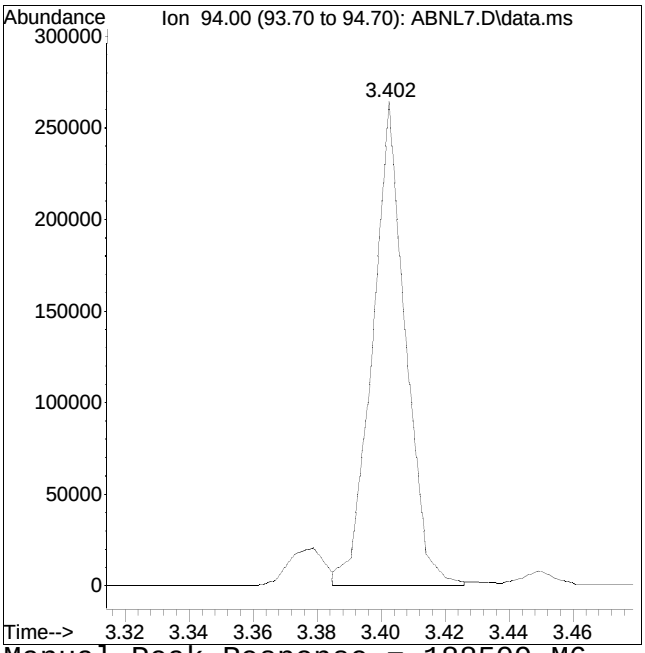
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL7.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:40 pm Instrument : Mork
Sample : IL4,32,,ABNL50 Lot# 12129 Quant Date : 12/10/2025 2:20 pm

Compound #8: Phenol



Original Peak Response = 206703



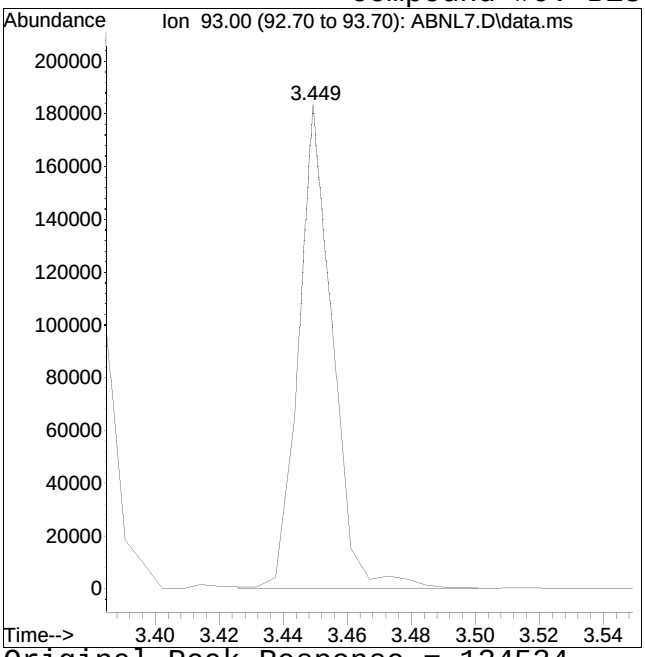
Manual Peak Response = 188509 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

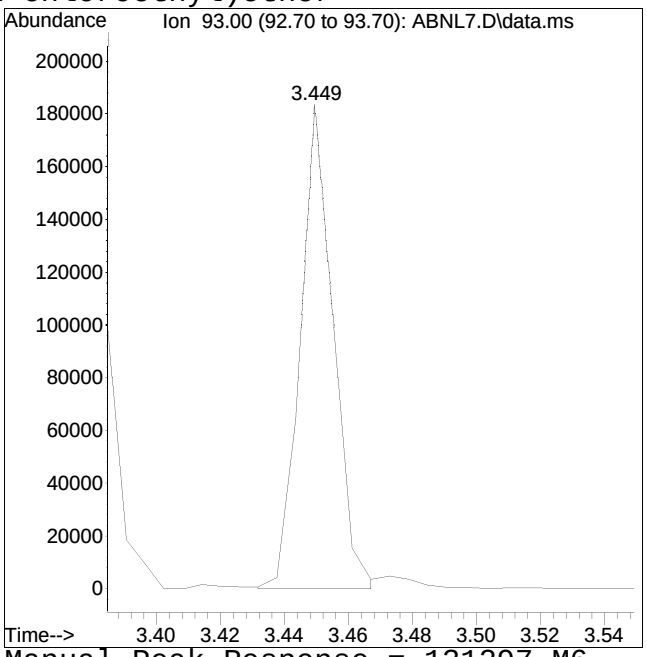
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL7.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:40 pm Instrument : Mork
Sample : IL4,32,,ABNL50 Lot# 12129 Quant Date : 12/10/2025 2:20 pm

Compound #9: Bis(2-chloroethyl)ether



Original Peak Response = 134534



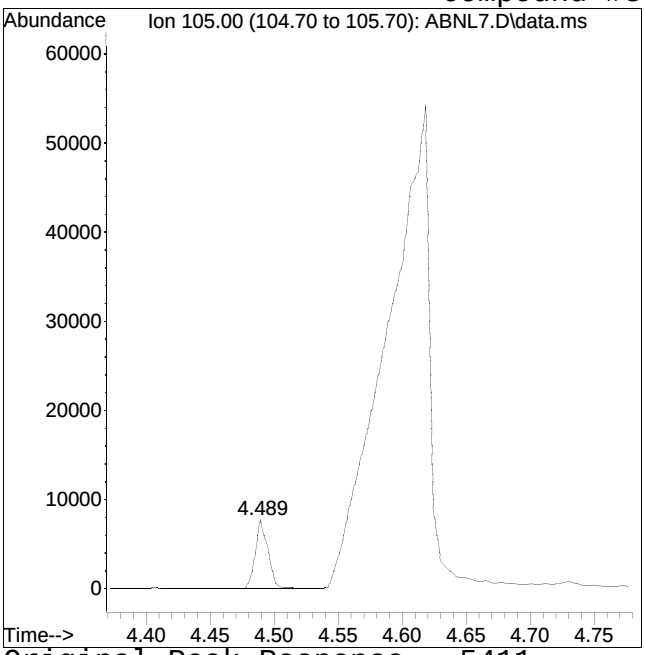
Manual Peak Response = 131297 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

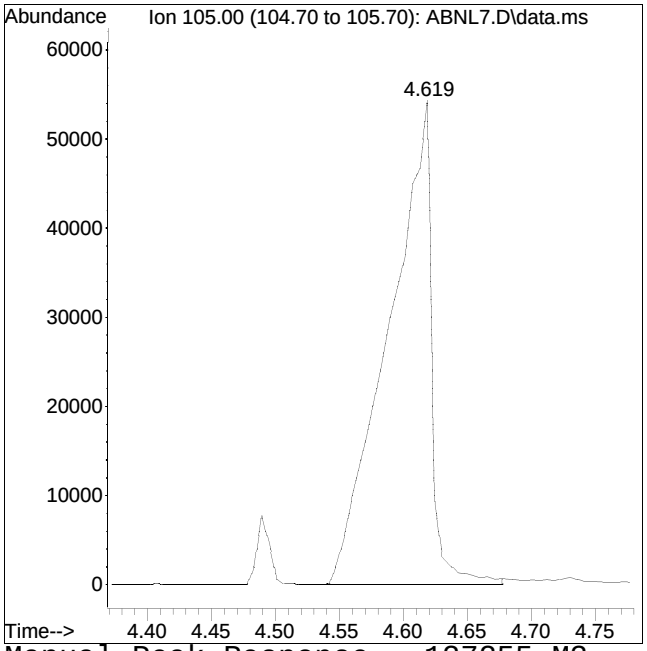
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL7.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:40 pm Instrument : Mork
Sample : IL4,32,,ABNL50 Lot# 12129 Quant Date : 12/10/2025 2:20 pm

Compound #37: Benzoic Acid



Original Peak Response = 5411



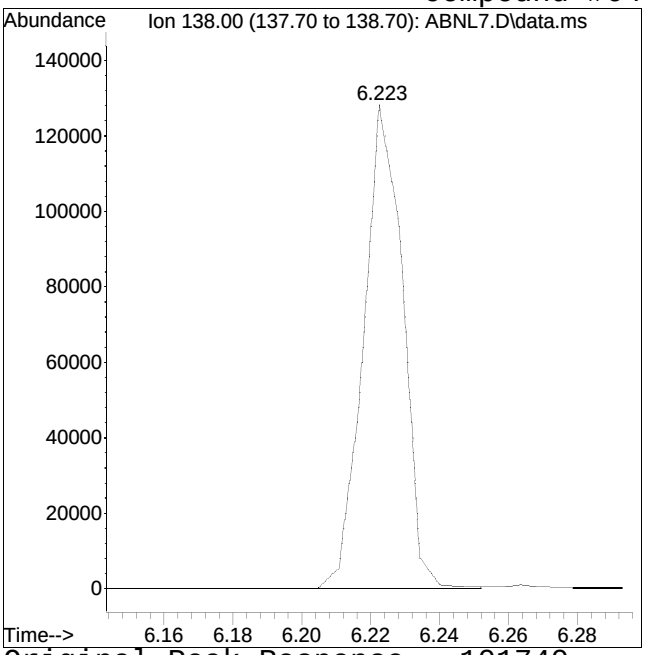
Manual Peak Response = 127255 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

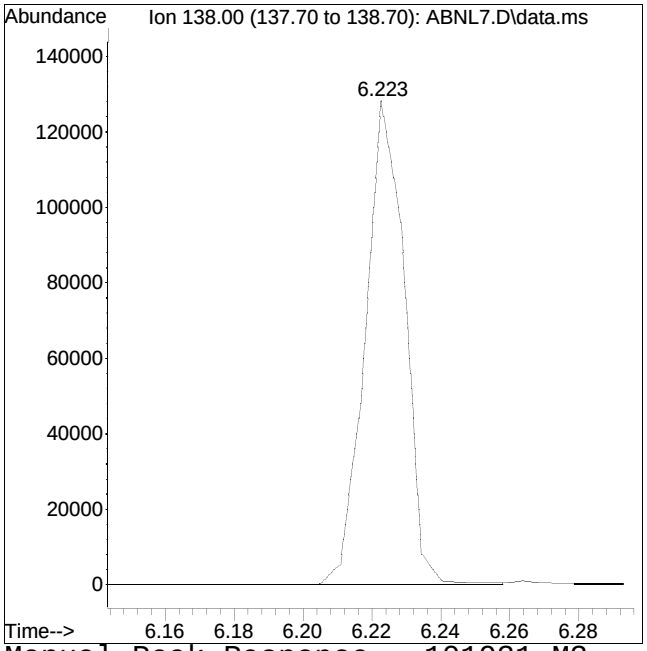
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL7.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:40 pm Instrument : Mork
Sample : IL4,32,,ABNL50 Lot# 12129 Quant Date : 12/10/2025 2:20 pm

Compound #64: 3-Nitroaniline



Original Peak Response = 101740



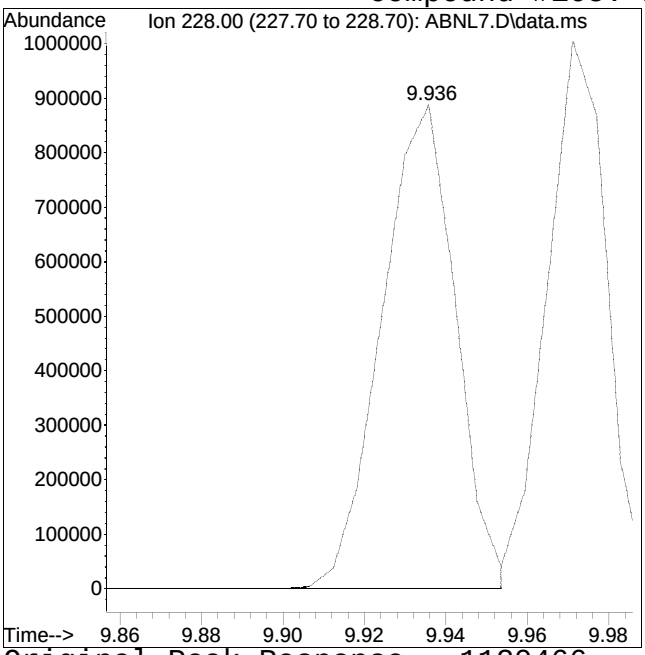
Manual Peak Response = 101931 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

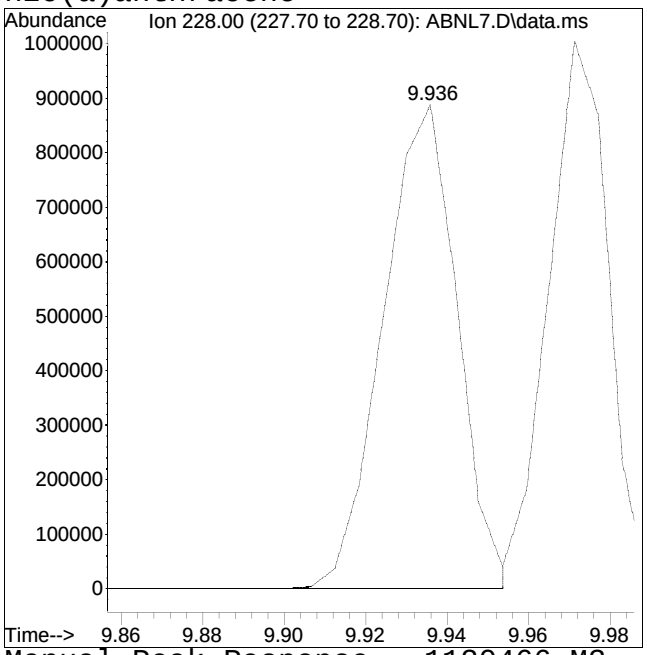
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL7.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:40 pm Instrument : Mork
Sample : IL4,32,,ABNL50 Lot# 12129 Quant Date : 12/10/2025 2:20 pm

Compound #105: Benzo(a)anthracene



Original Peak Response = 1120466



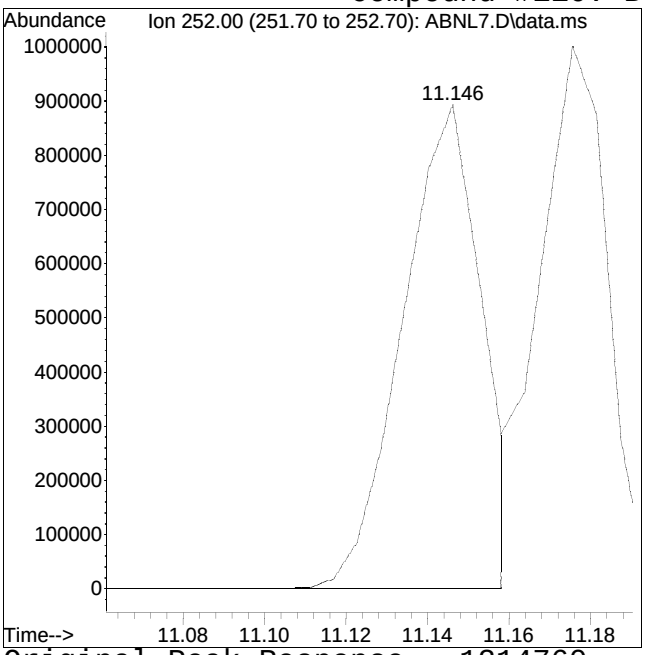
Manual Peak Response = 1120466 M3

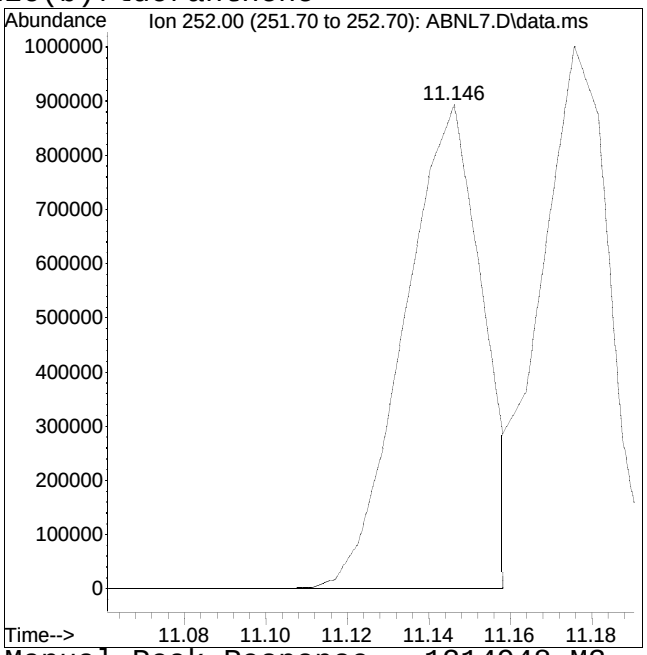
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL7.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:40 pm Instrument : Mork
Sample : IL4,32,,ABNL50 Lot# 12129 Quant Date : 12/10/2025 2:20 pm

Compound #110: Benzo(b)fluoranthene



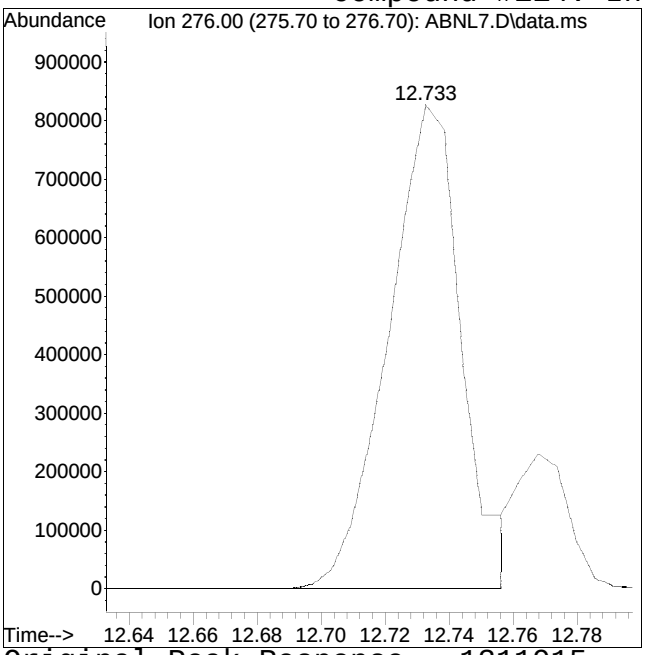


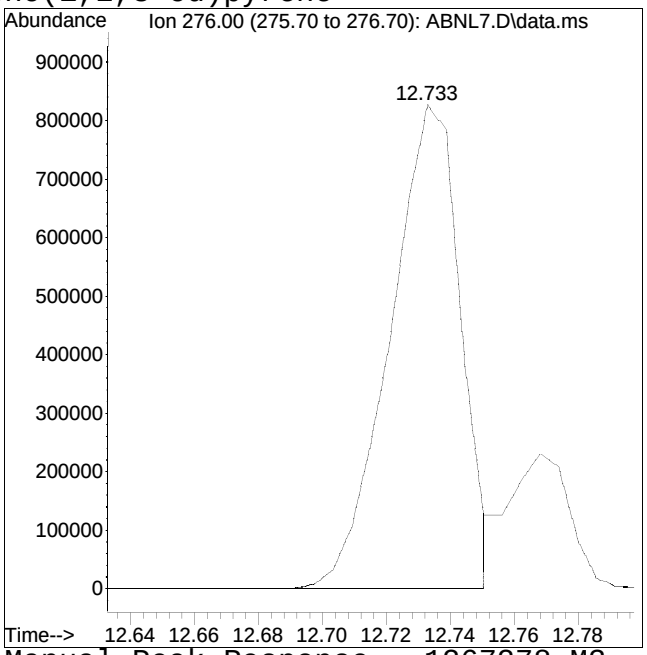
Original Peak Response = 1214760 Manual Peak Response = 1214948 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL7.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:40 pm Instrument : Mork
Sample : IL4,32,,ABNL50 Lot# 12129 Quant Date : 12/10/2025 2:20 pm

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 1311915 Manual Peak Response = 1267278 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL6.D
Acq On : 9 Dec 2025 7:00 pm
Operator : MORK:jg
Sample : IL5,32,,ABNL25 Lot# 12130
Misc : WG2152654,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 10 15:17:18 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.649	152	119783	40.000	ug/ml	0.00
Standard Area 1 = 117810			Recovery = 101.67%			
35) IS1_Naphthalene-d8	4.730	136	405437	40.000	ug/ml	# 0.00
Standard Area 1 = 407331			Recovery = 99.54%			
63) IS1_Acenaphthene-d10	6.234	164	255804	40.000	ug/ml	0.00
Standard Area 1 = 261152			Recovery = 97.95%			
88) IS1_Phenanthrene-d10	7.509	188	564687	40.000	ug/ml	# 0.00
Standard Area 1 = 581810			Recovery = 97.06%			
104) IS1_Chrysene-d12	9.942	240	699483	40.000	ug/ml	# 0.00
Standard Area 1 = 706656			Recovery = 98.98%			
113) IS1_Perylene-d12	11.569	264	854067	40.000	ug/ml	0.00
Standard Area 1 = 833118			Recovery = 102.51%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.574	112	72891	22.875	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 45.75%			
7) Phenol-d6	3.391	99	89074	21.425	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 42.85%			
19) Nitrobenzene-d5	4.119	82	79907	21.571	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.28%			
46) 2-Fluorobiphenyl	5.676	172	240907	25.065	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.26%			
79) 2,4,6-Tribromophenol	6.922	330	50503	27.542	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 55.08%			
96) 4-Terphenyl-d14	8.925	244	396073	25.073	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.29%			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.469	74	44127	21.345	ug/ml	98
3) Pyridine	1.493	79	79921	25.521	ug/ml#	80
5) Aniline	3.379	93	113405	21.770	ug/ml#	67
6) 2-Chlorophenol	3.473	128	84448	22.516	ug/ml	97
8) Phenol	3.402	94	91983M6	19.243	ug/ml	
9) Bis(2-chloroethyl)ether	3.449	93	66351	20.955	ug/ml	97
10) 1,3-Dichlorobenzene	3.596	146	106971	23.584	ug/ml	98
11) 1,4-Dichlorobenzene	3.661	146	106224	22.715	ug/ml	98
12) 1,2-Dichlorobenzene	3.790	146	103259	22.923	ug/ml	98
13) Benzyl alcohol	3.784	79	65491	20.922	ug/ml	99
14) Bis(2-chloroisopropyl)...	3.908	45	84922	23.690	ug/ml#	89

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL6.D
Acq On : 9 Dec 2025 7:00 pm
Operator : MORK:jg
Sample : IL5,32,,ABNL25 Lot# 12130
Misc : WG2152654,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 10 15:17:18 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	3.908	108	70136	21.286	ug/ml	97
16) Hexachloroethane	4.072	117	38890	24.334	ug/ml#	62
17) n-Nitrosodi-n-propylamine	4.019	70	53572	20.208	ug/ml#	92
18) 3-Methylphenol/4-Methy...	4.043	108	75689	21.358	ug/ml	98
20) Nitrobenzene	4.137	77	78754	20.902	ug/ml	97
21) Isophorone	4.348	82	145200	20.427	ug/ml	97
22) 2-Nitrophenol	4.413	139	46400	25.057	ug/ml#	93
23) 2,4-Dimethylphenol	4.489	107	82025	23.185	ug/ml	97
24) Bis(2-chloroethoxy)met...	4.560	93	87661	20.344	ug/ml#	97
25) 2,4-Dichlorophenol	4.630	162	88658	23.613	ug/ml	97
26) 1,2,4-Trichlorobenzene	4.689	180	105483	23.796	ug/ml	98
36) Naphthalene	4.742	128	249680	23.141	ug/ml	99
37) Benzoic Acid	4.589	105	60087M3	25.276	ug/ml	
38) 4-Chloroaniline	4.812	65	27238	22.267	ug/ml	92
39) Hexachlorobutadiene	4.877	225	70861	24.579	ug/ml	99
40) p-Chloro-m-cresol	5.265	107	72062	23.203	ug/ml	98
41) 2-Methylnaphthalene	5.347	142	163638	22.145	ug/ml	93
42) 1-Methylnaphthalene	5.429	115	59557	23.698	ug/ml	94
43) Hexachlorocyclopentadiene	5.494	237	80371	27.502	ug/ml	99
44) 2,4,6-Trichlorophenol	5.606	196	74152	24.785	ug/ml	99
45) 2,4,5-Trichlorophenol	5.635	196	82999	26.614	ug/ml	99
47) 2-Chloronaphthalene	5.758	162	200200	25.094	ug/ml	98
48) 2-Nitroaniline	5.864	138	56613	25.689	ug/ml	96
49) 1,4-Dinitrobenzene	5.993	168	26711	27.581	ug/ml	89
50) 1,3-Dinitrobenzene	6.058	168	30904	27.563	ug/ml	88
51) Dimethyl phthalate	6.046	163	243747	25.595	ug/ml#	97
52) Acenaphthylene	6.111	152	316464	25.797	ug/ml	99
53) 2,6-Dinitrotoluene	6.087	165	50221	26.310	ug/ml	92
54) 1,2-Dinitrobenzene	6.123	168	18284	25.790	ug/ml	94
64) 3-Nitroaniline	6.223	138	50867	25.375	ug/ml	100
65) Acenaphthene	6.264	154	173532	24.396	ug/ml	94
66) 2,4-Dinitrophenol	6.317	184	30093	27.997	ug/ml#	89
67) Dibenzofuran	6.417	168	297880	25.403	ug/ml#	81
68) 2,4-Dinitrotoluene	6.434	165	70800	27.253	ug/ml#	76
69) 4-Nitrophenol	6.411	65	34253	24.691	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	6.505	232	72653	24.635	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	6.540	232	73121	25.551	ug/ml	98
72) Diethyl phthalate	6.663	149	233317	24.861	ug/ml	99
73) Fluorene	6.710	166	236150	25.208	ug/ml	91
74) 4-Chlorophenyl phenyl ...	6.728	204	122905	25.291	ug/ml	96

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL6.D
Acq On : 9 Dec 2025 7:00 pm
Operator : MORK:jg
Sample : IL5,32,,ABNL25 Lot# 12130
Misc : WG2152654,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 10 15:17:18 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	6.746	138	49527	24.016	ug/ml#	85
76)	4,6-Dinitro-o-cresol	6.781	198	43559	30.840	ug/ml#	85
77)	NDPA/DPA	6.834	169	200775	25.450	ug/ml	93
78)	Azobenzene	6.863	77	175326	22.385	ug/ml#	94
80)	4-Bromophenyl phenyl e...	7.145	248	84050	24.308	ug/ml	99
81)	Hexachlorobenzene	7.186	284	103250	25.338	ug/ml	92
82)	Pentachlorophenol	7.368	266	61658	24.169	ug/ml	98
89)	Phenanthrene	7.527	178	382580	24.509	ug/ml	99
90)	Anthracene	7.574	178	386865	24.728	ug/ml	99
91)	Carbazole	7.727	167	355703	24.797	ug/ml	98
92)	Di-n-butylphthalate	8.085	149	411917	25.039	ug/ml	99
93)	Fluoranthene	8.555	202	482587	24.762	ug/ml#	91
94)	Benzidine	8.696	184	336149	29.924	ug/ml#	94
95)	Pyrene	8.743	202	518917	25.514	ug/ml	99
97)	Butyl benzyl phthalate	9.431	149	200830	29.782	ug/ml	90
105)	Benzo(a)anthracene	9.930	228	574130	24.430	ug/ml	99
106)	3,3'-Dichlorobenzidine	9.942	252	242456	28.032	ug/ml#	96
107)	Chrysene	9.971	228	509969	23.341	ug/ml	99
108)	Bis(2-ethylhexyl)phtha...	10.089	149	298685	26.869	ug/ml#	91
109)	Di-n-octylphthalate	10.847	149	535728	28.377	ug/ml#	93
110)	Benzo(b)fluoranthene	11.140	252	597672	24.734	ug/ml#	92
111)	Benzo(k)fluoranthene	11.170	252	613288	26.906	ug/ml#	93
112)	Benzo(a)pyrene	11.499	252	586819	26.819	ug/ml#	92
114)	Indeno(1,2,3-cd)pyrene	12.727	276	630335M6	24.141	ug/mL	
115)	Dibenzo(a,h)anthracene	12.762	278	635707	25.702	ug/ml#	89
116)	Benzo(ghi)perylene	12.991	276	628296	26.209	ug/ml#	86

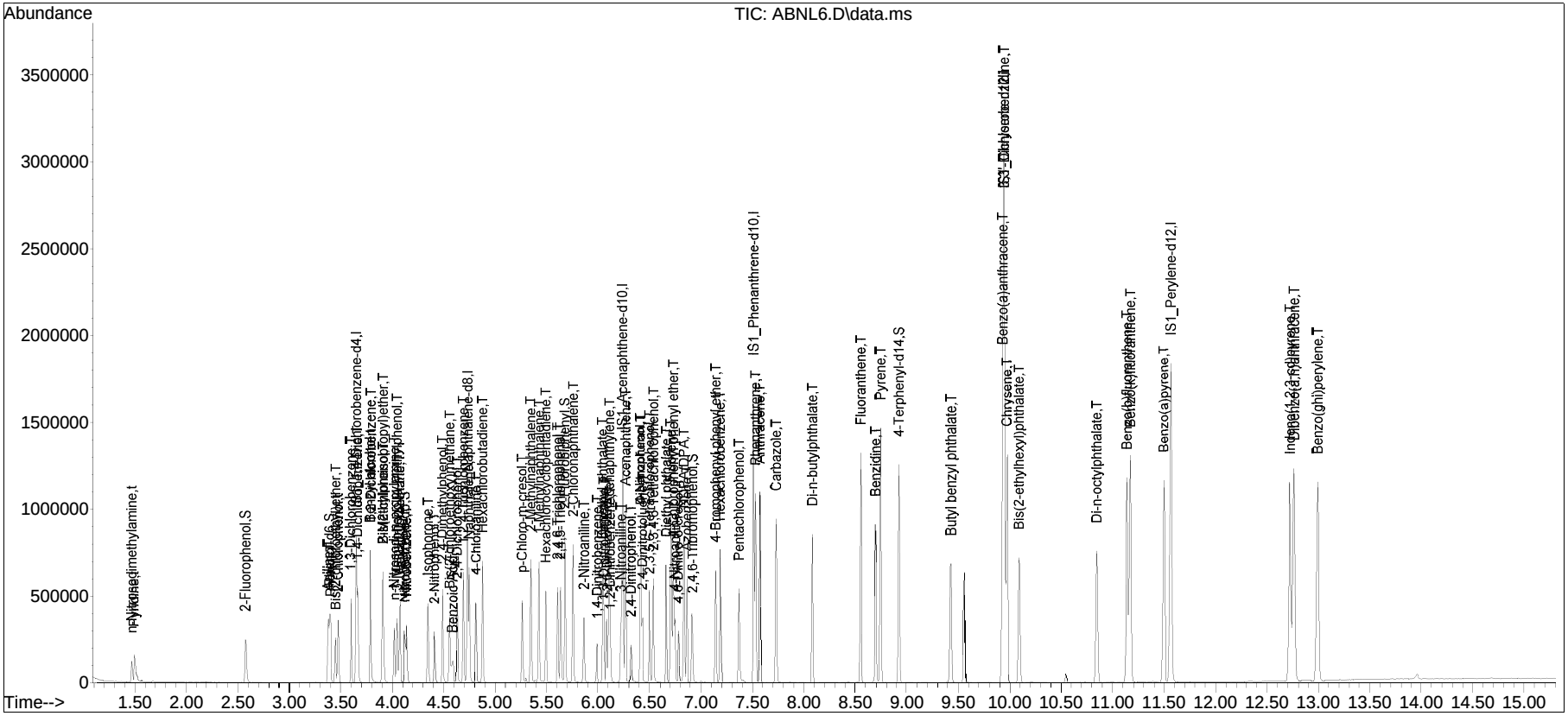
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL6.D
Acq On : 9 Dec 2025 7:00 pm
Operator : MORK:jg
Sample : IL5,32,,ABNL25 Lot# 12130
Misc : WG2152654,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 10 15:17:18 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

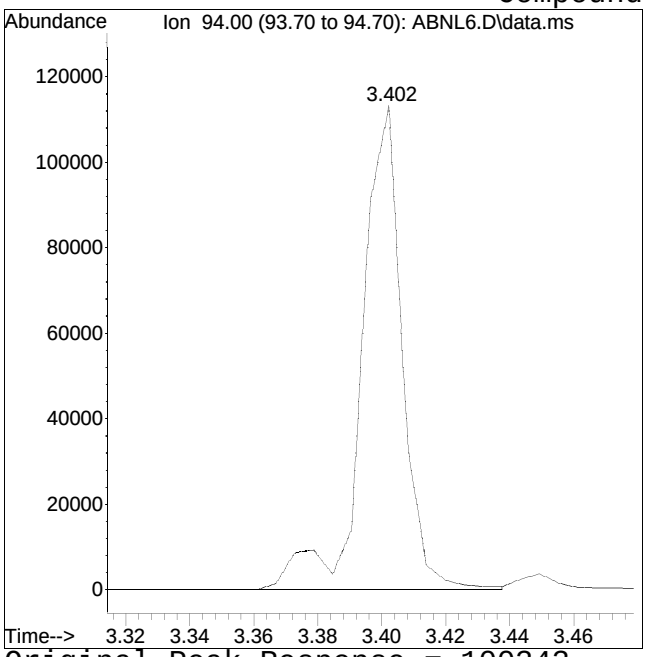
Sub List : ABNical - ABN ical sublistl\ABNL7.D•



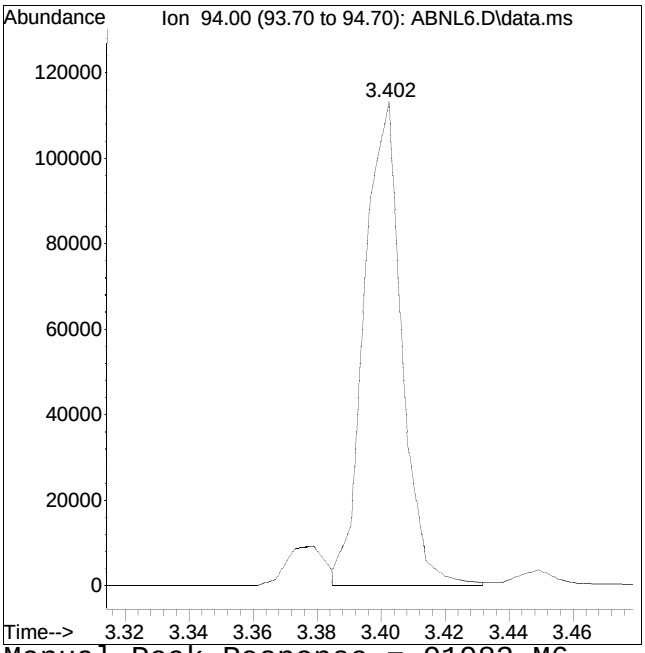
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL6.D Operator : MORK:jg
Date Inj'd : 12/9/2025 7:00 pm Instrument : Mork
Sample : IL5,32,,ABNL25 Lot# 12130 Quant Date : 12/10/2025 2:47 pm

Compound #8: Phenol



Original Peak Response = 100343



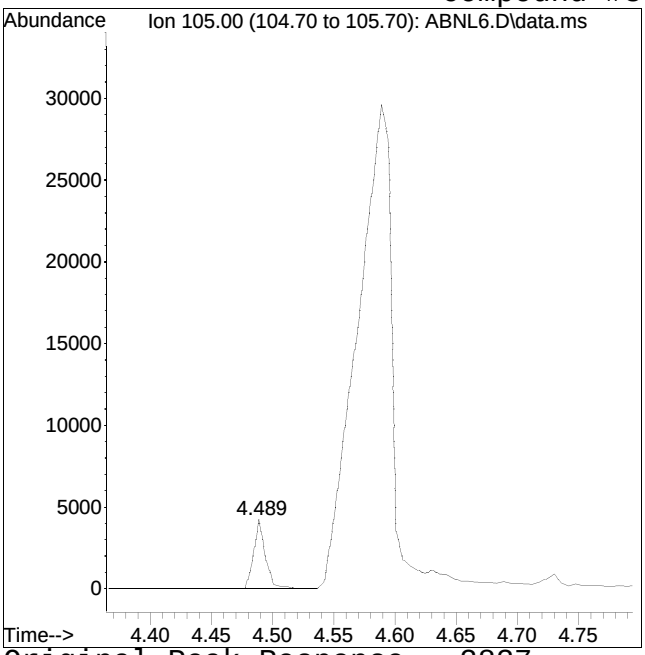
Manual Peak Response = 91983 M6

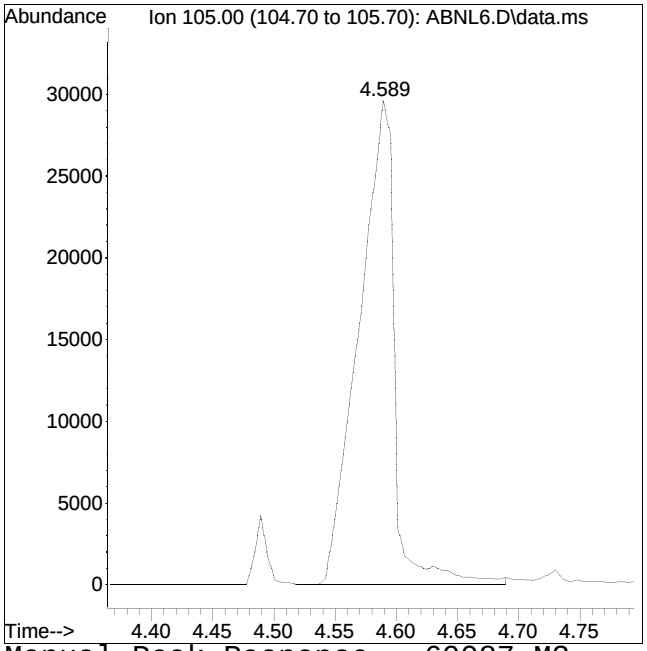
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL6.D Operator : MORK:jg
Date Inj'd : 12/9/2025 7:00 pm Instrument : Mork
Sample : IL5,32,,ABNL25 Lot# 12130 Quant Date : 12/10/2025 2:47 pm

Compound #37: Benzoic Acid





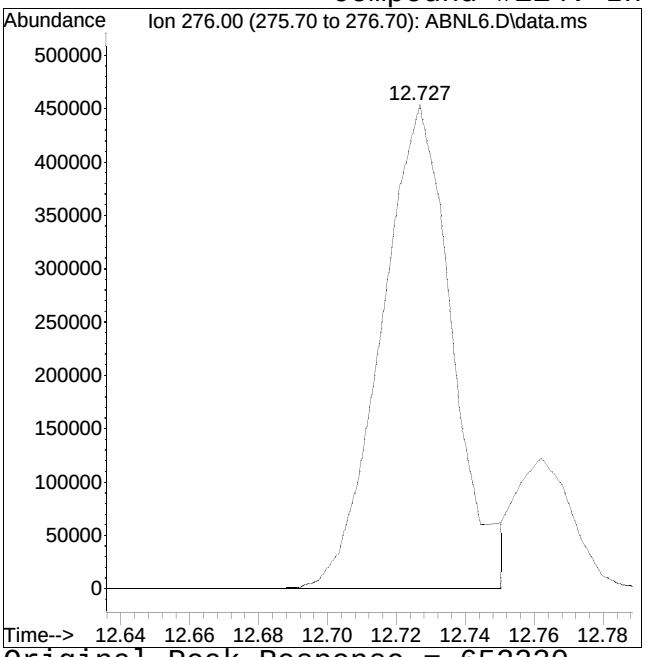
Original Peak Response = 2837 Manual Peak Response = 60087 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

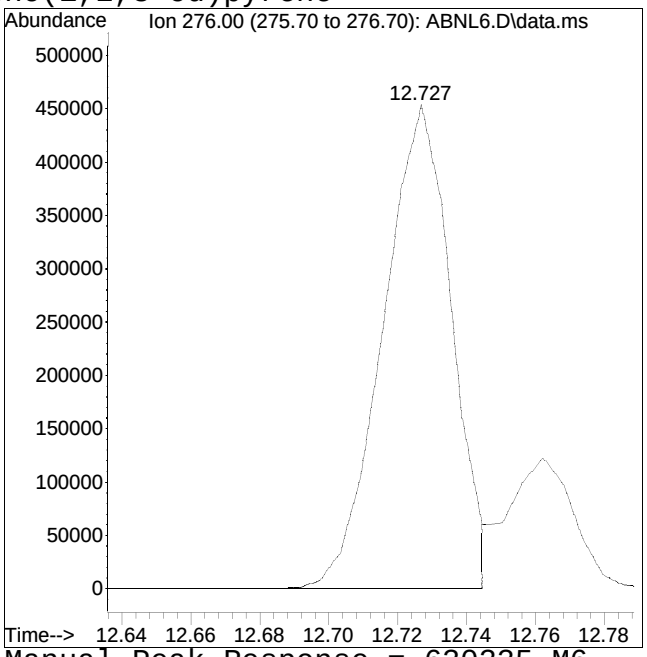
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL6.D Operator : MORK:jg
Date Inj'd : 12/9/2025 7:00 pm Instrument : Mork
Sample : IL5,32,,ABNL25 Lot# 12130 Quant Date : 12/10/2025 2:47 pm

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 652230



Manual Peak Response = 630335 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL5.D
Acq On : 9 Dec 2025 7:20 pm
Operator : MORK:jg
Sample : IL6,32,,ABNL10 Lot# 12131
Misc : WG2152654,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 10 15:14:56 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.649	152	119578	40.000	ug/ml	0.00
Standard Area 1 = 117810			Recovery = 101.50%			
35) IS1_Naphthalene-d8	4.724	136	402788	40.000	ug/ml	# 0.00
Standard Area 1 = 407331			Recovery = 98.88%			
63) IS1_Acenaphthene-d10	6.234	164	252574	40.000	ug/ml	0.00
Standard Area 1 = 261152			Recovery = 96.72%			
88) IS1_Phenanthrene-d10	7.509	188	558586	40.000	ug/ml	# 0.00
Standard Area 1 = 581810			Recovery = 96.01%			
104) IS1_Chrysene-d12	9.942	240	674042	40.000	ug/ml	# 0.00
Standard Area 1 = 706656			Recovery = 95.38%			
113) IS1_Perylene-d12	11.569	264	827781	40.000	ug/ml	0.00
Standard Area 1 = 833118			Recovery = 99.36%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.580	112	27486	8.641	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 17.28%			
7) Phenol-d6	3.391	99	34760	8.375	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 16.75%			
19) Nitrobenzene-d5	4.119	82	30062	8.129	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 32.52%			
46) 2-Fluorobiphenyl	5.676	172	98200	10.284	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 41.14%			
79) 2,4,6-Tribromophenol	6.916	330	19942	11.015	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 22.03%			
96) 4-Terphenyl-d14	8.925	244	155238	9.935	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 39.74%			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.475	74	17979	8.712	ug/ml#	98
3) Pyridine	1.505	79	30313	9.696	ug/ml#	80
5) Aniline	3.379	93	45550	8.759	ug/ml#	67
6) 2-Chlorophenol	3.473	128	32546	8.692	ug/ml	98
8) Phenol	3.402	94	36232M6	7.593	ug/ml	
9) Bis(2-chloroethyl)ether	3.449	93	25719	8.137	ug/ml	97
10) 1,3-Dichlorobenzene	3.596	146	42539	9.395	ug/ml	98
11) 1,4-Dichlorobenzene	3.661	146	43340	9.284	ug/ml	99
12) 1,2-Dichlorobenzene	3.790	146	42053	9.352	ug/ml	97
13) Benzyl alcohol	3.784	79	25282	8.090	ug/ml	97
14) Bis(2-chloroisopropyl)...	3.908	45	33919	9.478	ug/ml#	87

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL5.D
Acq On : 9 Dec 2025 7:20 pm
Operator : MORK:jg
Sample : IL6,32,,ABNL10 Lot# 12131
Misc : WG2152654,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 10 15:14:56 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	3.908	108	27970	8.503	ug/ml	98
16) Hexachloroethane	4.072	117	15608	9.783	ug/ml#	61
17) n-Nitrosodi-n-propylamine	4.019	70	21090	7.969	ug/ml	93
18) 3-Methylphenol/4-Methy...	4.043	108	29140	8.237	ug/ml	98
20) Nitrobenzene	4.137	77	31710	8.430	ug/ml	94
21) Isophorone	4.348	82	56215	7.922	ug/ml	98
22) 2-Nitrophenol	4.413	139	17371	9.397	ug/ml#	93
23) 2,4-Dimethylphenol	4.489	107	33215	9.404	ug/ml	96
24) Bis(2-chloroethoxy)met...	4.560	93	35442	8.239	ug/ml	98
25) 2,4-Dichlorophenol	4.630	162	35439	9.455	ug/ml	97
26) 1,2,4-Trichlorobenzene	4.689	180	43607	9.854	ug/ml	98
36) Naphthalene	4.742	128	100328	9.360	ug/ml	99
37) Benzoic Acid	4.566	105	20278M3	8.586	ug/ml	
38) 4-Chloroaniline	4.813	65	10070	8.286	ug/ml	79
39) Hexachlorobutadiene	4.877	225	28089	9.807	ug/ml	99
40) p-Chloro-m-cresol	5.265	107	27324	8.856	ug/ml	99
41) 2-Methylnaphthalene	5.347	142	64848	8.833	ug/ml	93
42) 1-Methylnaphthalene	5.429	115	23316	9.339	ug/ml	94
43) Hexachlorocyclopentadiene	5.494	237	29465	10.149	ug/ml	98
44) 2,4,6-Trichlorophenol	5.606	196	29566	9.947	ug/ml	98
45) 2,4,5-Trichlorophenol	5.635	196	32193	10.391	ug/ml	97
47) 2-Chloronaphthalene	5.758	162	80537	10.161	ug/ml	97
48) 2-Nitroaniline	5.864	138	22029	10.062	ug/ml	94
49) 1,4-Dinitrobenzene	5.988	168	9749	10.133	ug/ml	89
50) 1,3-Dinitrobenzene	6.058	168	11605	10.418	ug/ml	94
51) Dimethyl phthalate	6.046	163	96407	10.190	ug/ml#	97
52) Acenaphthylene	6.111	152	125902	10.331	ug/ml	99
53) 2,6-Dinitrotoluene	6.082	165	19822	10.453	ug/ml	91
54) 1,2-Dinitrobenzene	6.117	168	7073	10.042	ug/ml	97
64) 3-Nitroaniline	6.217	138	19505	9.854	ug/ml#	91
65) Acenaphthene	6.264	154	69091	9.838	ug/ml	93
66) 2,4-Dinitrophenol	6.317	184	10011	9.433	ug/ml#	88
67) Dibenzofuran	6.417	168	116685	10.078	ug/ml#	80
68) 2,4-Dinitrotoluene	6.428	165	26971	10.515	ug/ml#	77
69) 4-Nitrophenol	6.411	65	12612	9.208	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	6.499	232	27252	9.359	ug/ml	100
71) 2,3,4,6-Tetrachlorophenol	6.540	232	28271	10.005	ug/ml	100
72) Diethyl phthalate	6.657	149	93244	10.063	ug/ml	99
73) Fluorene	6.710	166	94685	10.236	ug/ml	93
74) 4-Chlorophenyl phenyl ...	6.728	204	47818	9.966	ug/ml	96

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL5.D
Acq On : 9 Dec 2025 7:20 pm
Operator : MORK:jg
Sample : IL6,32,,ABNL10 Lot# 12131
Misc : WG2152654,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 10 15:14:56 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	6.740	138	18799	9.232	ug/ml#	87
76)	4,6-Dinitro-o-cresol	6.781	198	15241	10.929	ug/ml#	84
77)	NDPA/DPA	6.834	169	81605	10.476	ug/ml	93
78)	Azobenzene	6.863	77	68475	8.855	ug/ml#	95
80)	4-Bromophenyl phenyl e...	7.145	248	33274	9.746	ug/ml	98
81)	Hexachlorobenzene	7.186	284	40162	9.982	ug/ml	92
82)	Pentachlorophenol	7.368	266	21716	8.621	ug/ml	99
89)	Phenanthrene	7.527	178	150675	9.758	ug/ml	99
90)	Anthracene	7.574	178	156017	10.082	ug/ml	100
91)	Carbazole	7.727	167	141516	9.973	ug/ml	98
92)	Di-n-butylphthalate	8.085	149	163642	10.056	ug/ml	99
93)	Fluoranthene	8.555	202	195269	10.129	ug/ml#	91
94)	Benzidine	8.696	184	130344	11.730	ug/ml#	94
95)	Pyrene	8.743	202	202791	10.080	ug/ml	99
97)	Butyl benzyl phthalate	9.425	149	76919	11.531	ug/ml	88
105)	Benzo(a)anthracene	9.930	228	220507	9.737	ug/ml	99
106)	3,3'-Dichlorobenzidine	9.942	252	94313	11.316	ug/ml#	96
107)	Chrysene	9.965	228	207186	9.841	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	10.089	149	116225	10.850	ug/ml#	92
109)	Di-n-octylphthalate	10.847	149	203144	11.167	ug/ml#	93
110)	Benzo(b)fluoranthene	11.135	252	233976	10.048	ug/ml#	92
111)	Benzo(k)fluoranthene	11.170	252	226890	10.330	ug/ml#	92
112)	Benzo(a)pyrene	11.499	252	221202	10.491	ug/ml#	92
114)	Indeno(1,2,3-cd)pyrene	12.721	276	244043	9.643	ug/mL#	82
115)	Dibenzo(a,h)anthracene	12.756	278	238746	9.959	ug/ml#	90
116)	Benzo(ghi)perylene	12.985	276	237871	10.238	ug/ml#	85

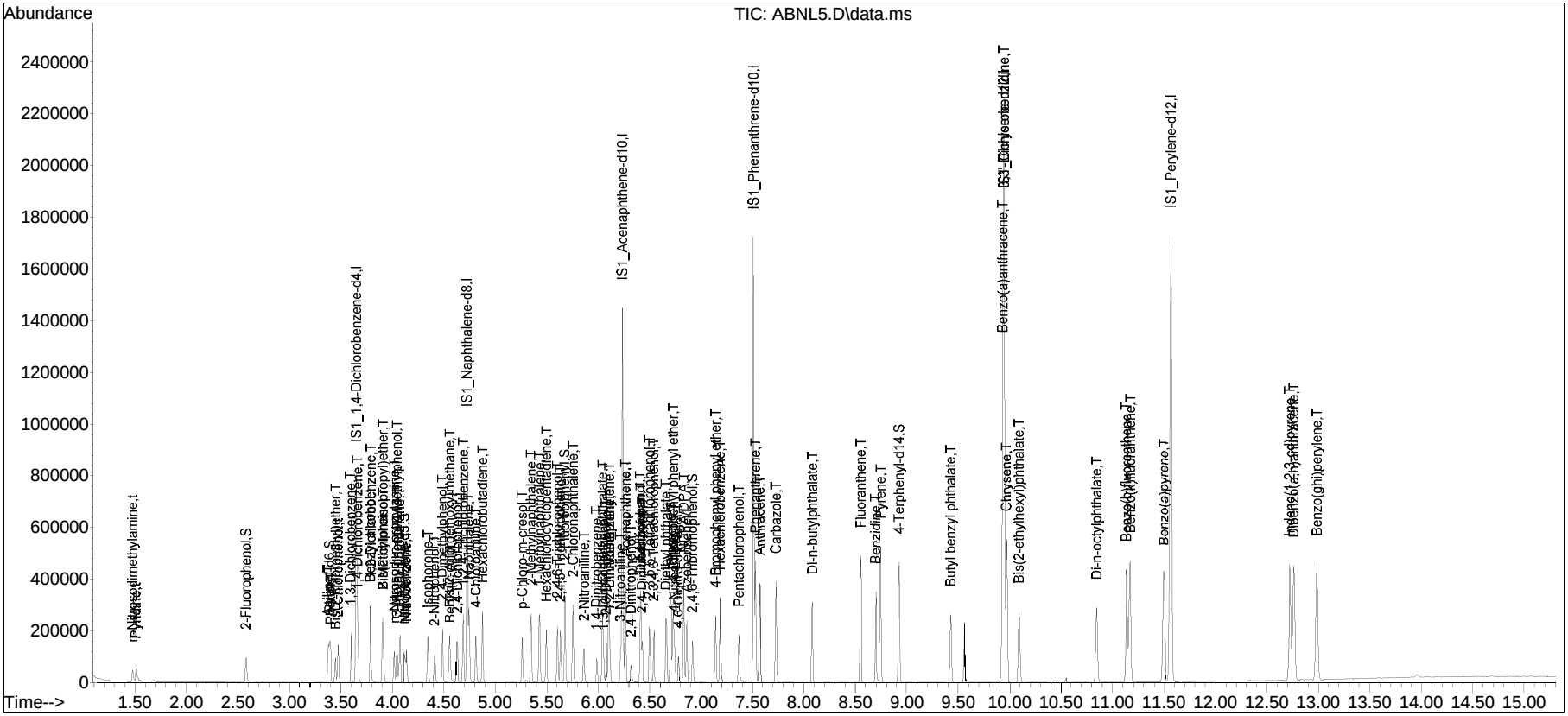
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL5.D
Acq On : 9 Dec 2025 7:20 pm
Operator : MORK:jg
Sample : IL6,32,,ABNL10 Lot# 12131
Misc : WG2152654,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 10 15:14:56 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

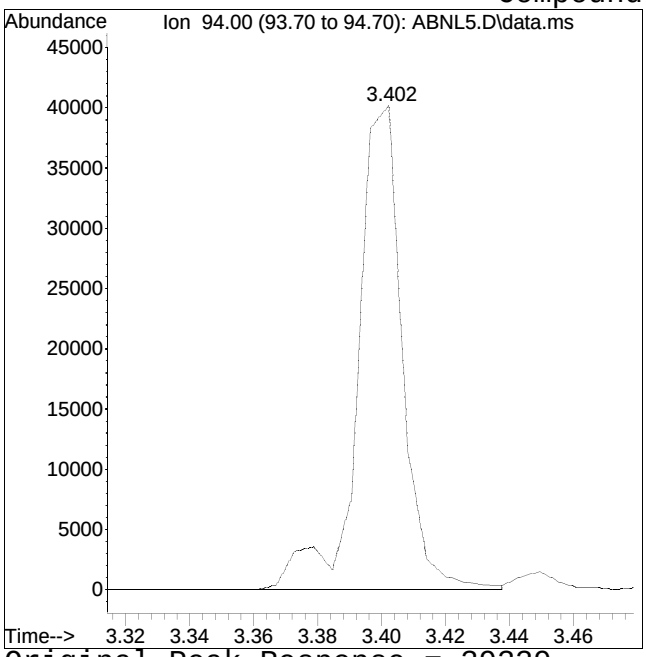
Sub List : ABNical - ABN ical sublistl\ABNL7.D•



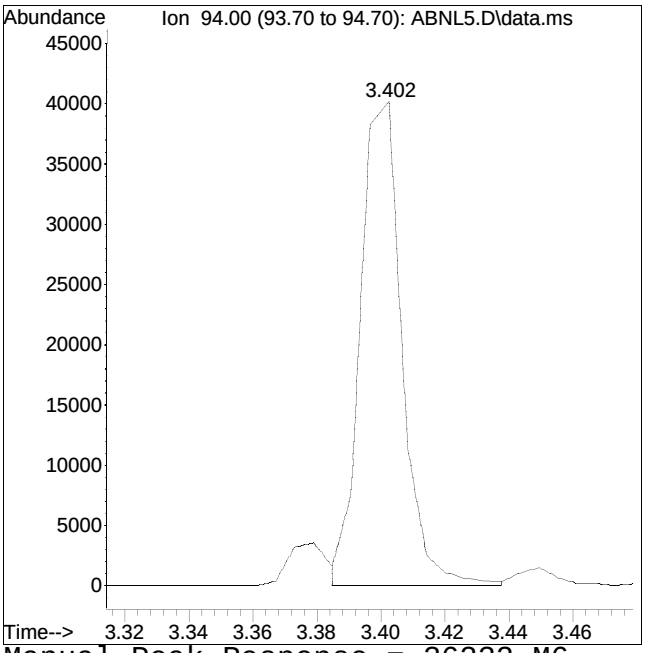
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL5.D Operator : MORK:jg
Date Inj'd : 12/9/2025 7:20 pm Instrument : Mork
Sample : IL6,32,,ABNL10 Lot# 12131 Quant Date : 12/10/2025 2:47 pm

Compound #8: Phenol



Original Peak Response = 39339



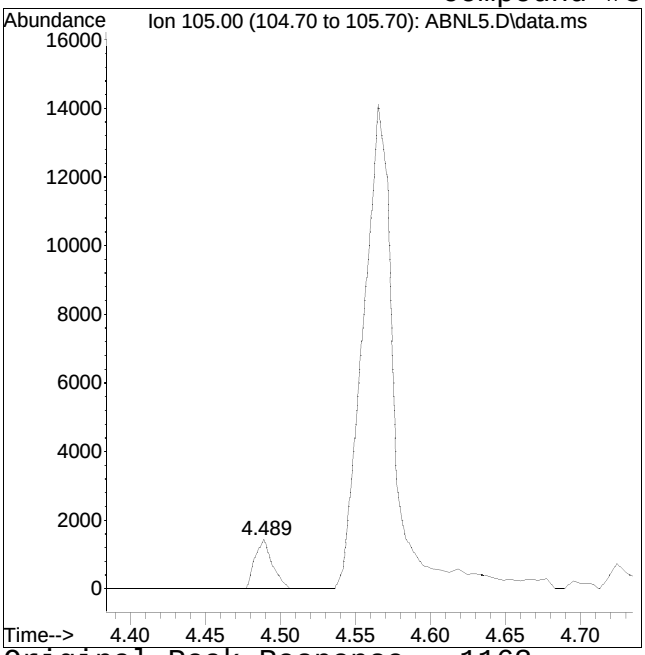
Manual Peak Response = 36232 M6

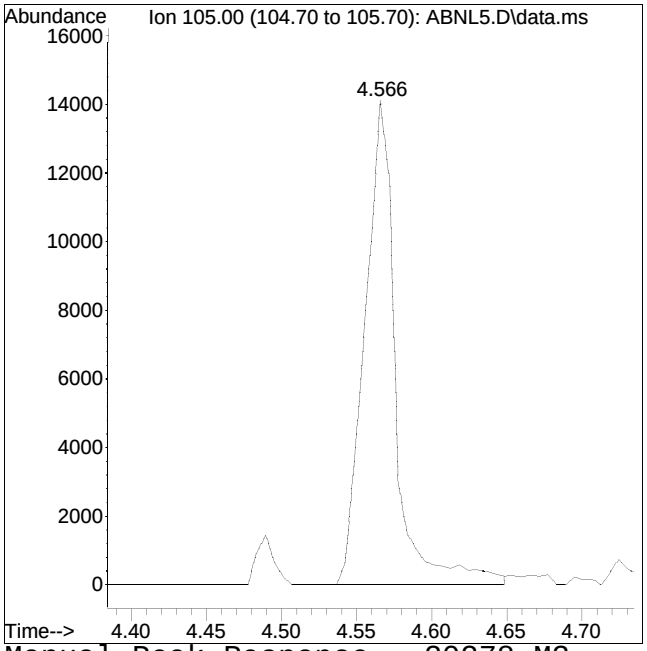
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL5.D Operator : MORK:jg
Date Inj'd : 12/9/2025 7:20 pm Instrument : Mork
Sample : IL6,32,,ABNL10 Lot# 12131 Quant Date : 12/10/2025 2:47 pm

Compound #37: Benzoic Acid





Original Peak Response = 1163 Manual Peak Response = 20278 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL4.D
Acq On : 9 Dec 2025 7:40 pm
Operator : MORK:jg
Sample : IL7,32,,ABNL5 Lot# 12132
Misc : WG2152654,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 10 15:13:29 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.649	152	103482	40.000	ug/ml	0.00
Standard Area 1 = 117810			Recovery = 87.84%			
35) IS1_Naphthalene-d8	4.724	136	349465	40.000	ug/ml	# 0.00
Standard Area 1 = 407331			Recovery = 85.79%			
63) IS1_Acenaphthene-d10	6.234	164	223131	40.000	ug/ml	0.00
Standard Area 1 = 261152			Recovery = 85.44%			
88) IS1_Phenanthrene-d10	7.509	188	496528	40.000	ug/ml	# 0.00
Standard Area 1 = 581810			Recovery = 85.34%			
104) IS1_Chrysene-d12	9.942	240	594678	40.000	ug/ml	# 0.00
Standard Area 1 = 706656			Recovery = 84.15%			
113) IS1_Perylene-d12	11.564	264	719186	40.000	ug/ml	0.00
Standard Area 1 = 833118			Recovery = 86.32%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.580	112	11910	4.326	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 8.65%#			
7) Phenol-d6	3.391	99	14596	4.064	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 8.13%#			
19) Nitrobenzene-d5	4.119	82	13563	4.238	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 16.95%#			
46) 2-Fluorobiphenyl	5.676	172	43587	5.261	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 21.04%#			
79) 2,4,6-Tribromophenol	6.916	330	8492	5.309	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 10.62%#			
96) 4-Terphenyl-d14	8.925	244	69281	4.988	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 19.95%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.475	74	7033	3.938	ug/ml#	88
3) Pyridine	1.516	79	12180	4.502	ug/ml#	80
5) Aniline	3.379	93	20383	4.529	ug/ml#	65
6) 2-Chlorophenol	3.473	128	15106	4.662	ug/ml	96
8) Phenol	3.402	94	15576M6	3.772	ug/ml	
9) Bis(2-chloroethyl)ether	3.449	93	11694	4.275	ug/ml	96
10) 1,3-Dichlorobenzene	3.596	146	18655	4.761	ug/ml	98
11) 1,4-Dichlorobenzene	3.661	146	18609	4.606	ug/ml	96
12) 1,2-Dichlorobenzene	3.790	146	17473	4.490	ug/ml	98
13) Benzyl alcohol	3.784	79	10991	4.064	ug/ml	90
14) Bis(2-chloroisopropyl)...	3.908	45	15065	4.864	ug/ml#	85

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL4.D
Acq On : 9 Dec 2025 7:40 pm
Operator : MORK:jg
Sample : IL7,32,,ABNL5 Lot# 12132
Misc : WG2152654,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 10 15:13:29 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	3.908	108	11834	4.157	ug/ml	95
16) Hexachloroethane	4.072	117	6955	5.037	ug/ml#	59
17) n-Nitrosodi-n-propylamine	4.019	70	9465	4.133	ug/ml#	92
18) 3-Methylphenol/4-Methy...	4.043	108	12714	4.153	ug/ml	98
20) Nitrobenzene	4.137	77	14161	4.350	ug/ml	95
21) Isophorone	4.348	82	24808	4.040	ug/ml	96
22) 2-Nitrophenol	4.413	139	7464	4.666	ug/ml#	94
23) 2,4-Dimethylphenol	4.489	107	14326	4.687	ug/ml	94
24) Bis(2-chloroethoxy)met...	4.560	93	15823	4.251	ug/ml	98
25) 2,4-Dichlorophenol	4.630	162	15221	4.692	ug/ml	97
26) 1,2,4-Trichlorobenzene	4.689	180	18816	4.913	ug/ml	99
36) Naphthalene	4.742	128	45277	4.869	ug/ml	98
37) Benzoic Acid	4.560	105	8528	4.162	ug/ml#	1
38) 4-Chloroaniline	4.812	65	4628	4.389	ug/ml	90
39) Hexachlorobutadiene	4.877	225	13017	5.238	ug/ml	98
40) p-Chloro-m-cresol	5.265	107	12506	4.672	ug/ml	97
41) 2-Methylnaphthalene	5.347	142	29834	4.684	ug/ml	94
42) 1-Methylnaphthalene	5.429	115	10895	5.030	ug/ml	91
43) Hexachlorocyclopentadiene	5.494	237	12291	4.879	ug/ml	97
44) 2,4,6-Trichlorophenol	5.606	196	13103	5.081	ug/ml	99
45) 2,4,5-Trichlorophenol	5.641	196	13952	5.190	ug/ml	96
47) 2-Chloronaphthalene	5.758	162	35216	5.121	ug/ml	97
48) 2-Nitroaniline	5.864	138	8924	4.698	ug/ml	98
49) 1,4-Dinitrobenzene	5.988	168	4123	4.939	ug/ml	88
50) 1,3-Dinitrobenzene	6.052	168	5058	5.234	ug/ml	89
51) Dimethyl phthalate	6.046	163	42495	5.177	ug/ml#	97
52) Acenaphthylene	6.111	152	56684	5.361	ug/ml	98
53) 2,6-Dinitrotoluene	6.082	165	8422	5.119	ug/ml	94
54) 1,2-Dinitrobenzene	6.117	168	3138	5.135	ug/ml	90
64) 3-Nitroaniline	6.217	138	8002	4.576	ug/ml#	73
65) Acenaphthene	6.264	154	31701	5.109	ug/ml	95
66) 2,4-Dinitrophenol	6.317	184	4014	4.281	ug/ml#	84
67) Dibenzofuran	6.417	168	53641	5.244	ug/ml#	84
68) 2,4-Dinitrotoluene	6.428	165	11693	5.160	ug/ml	94
69) 4-Nitrophenol	6.411	65	5532	4.572	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	6.499	232	12091	4.700	ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	6.540	232	12680	5.080	ug/ml	100
72) Diethyl phthalate	6.657	149	42417	5.182	ug/ml	99
73) Fluorene	6.710	166	41805	5.116	ug/ml	91
74) 4-Chlorophenyl phenyl ...	6.728	204	21540	5.081	ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL4.D
Acq On : 9 Dec 2025 7:40 pm
Operator : MORK:jg
Sample : IL7,32,,ABNL5 Lot# 12132
Misc : WG2152654,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 10 15:13:29 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	6.740	138	8067	4.485	ug/ml#	80
76)	4,6-Dinitro-o-cresol	6.781	198	5975	4.850	ug/ml#	86
77)	NDPA/DPA	6.834	169	35829	5.207	ug/ml	95
78)	Azobenzene	6.863	77	31247	4.574	ug/ml	95
80)	4-Bromophenyl phenyl e...	7.145	248	14365	4.763	ug/ml	99
81)	Hexachlorobenzene	7.186	284	18013	5.068	ug/ml#	92
82)	Pentachlorophenol	7.368	266	9077	4.079	ug/ml	97
89)	Phenanthrene	7.527	178	68630	5.000	ug/ml	99
90)	Anthracene	7.568	178	68669	4.992	ug/ml	99
91)	Carbazole	7.727	167	63809	5.059	ug/ml	98
92)	Di-n-butylphthalate	8.085	149	71940	4.973	ug/ml	98
93)	Fluoranthene	8.555	202	86980	5.076	ug/ml#	89
94)	Benzidine	8.696	184	55931	5.662	ug/ml#	94
95)	Pyrene	8.743	202	91236	5.102	ug/ml	98
97)	Butyl benzyl phthalate	9.425	149	32534	5.487	ug/ml	88
105)	Benzo(a)anthracene	9.930	228	99068	4.958	ug/ml	99
106)	3,3'-Dichlorobenzidine	9.942	252	41330	5.621	ug/ml#	96
107)	Chrysene	9.965	228	92508	4.980	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	10.089	149	49897	5.280	ug/ml#	92
109)	Di-n-octylphthalate	10.847	149	87756	5.468	ug/ml#	92
110)	Benzo(b)fluoranthene	11.135	252	105566	5.139	ug/ml#	92
111)	Benzo(k)fluoranthene	11.164	252	95457	4.926	ug/ml#	92
112)	Benzo(a)pyrene	11.493	252	96769	5.202	ug/ml#	91
114)	Indeno(1,2,3-cd)pyrene	12.721	276	106246	4.832	ug/mL#	82
115)	Dibenzo(a,h)anthracene	12.756	278	105073	5.045	ug/ml#	89
116)	Benzo(ghi)perylene	12.985	276	103997	5.152	ug/ml#	85

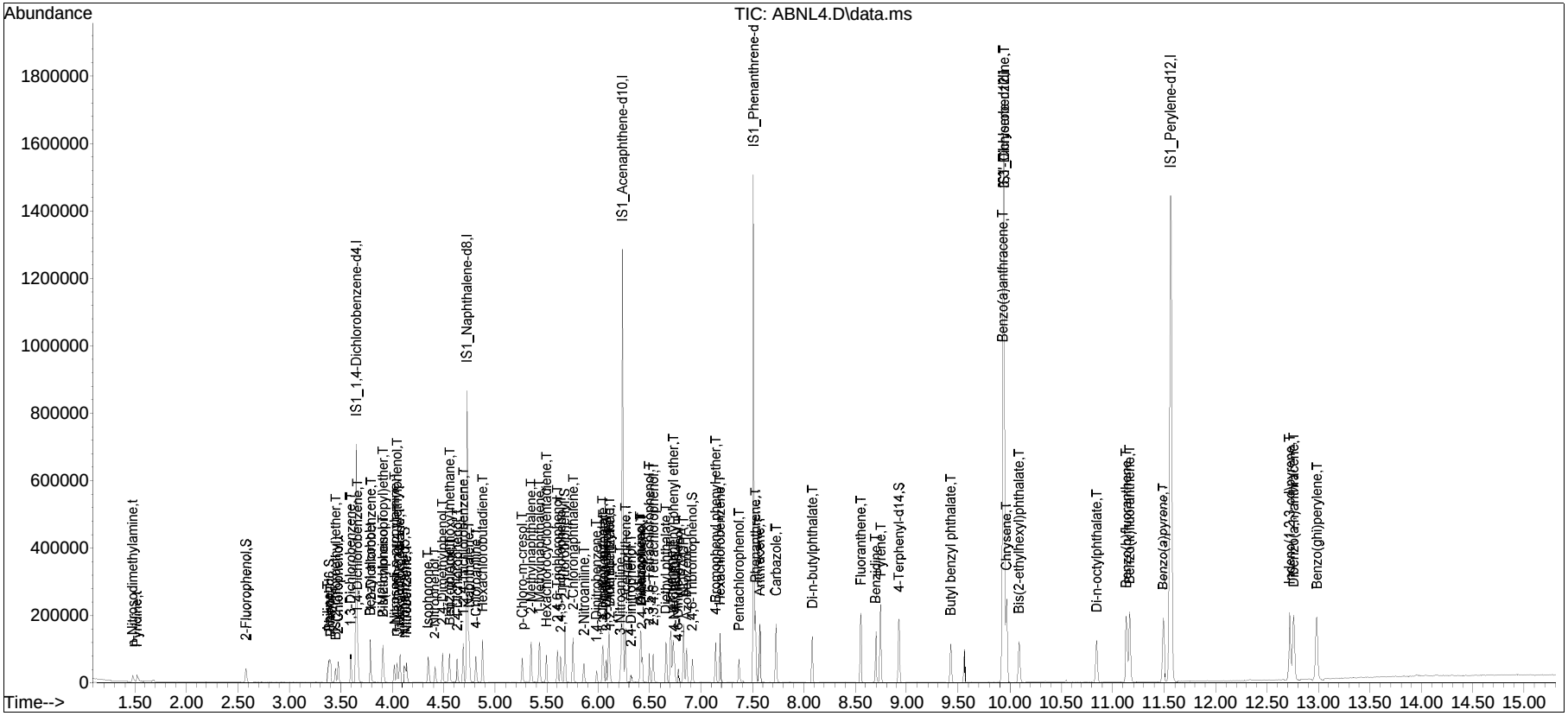
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL4.D
Acq On : 9 Dec 2025 7:40 pm
Operator : MORK:jg
Sample : IL7,32,,ABNL5 Lot# 12132
Misc : WG2152654,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 10 15:13:29 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

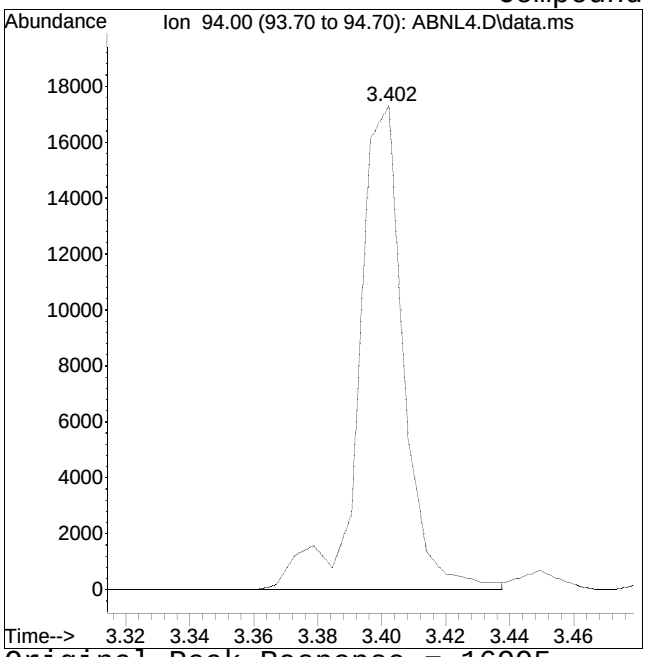
Sub List : ABNical - ABN ical sublistl\ABNL7.D•



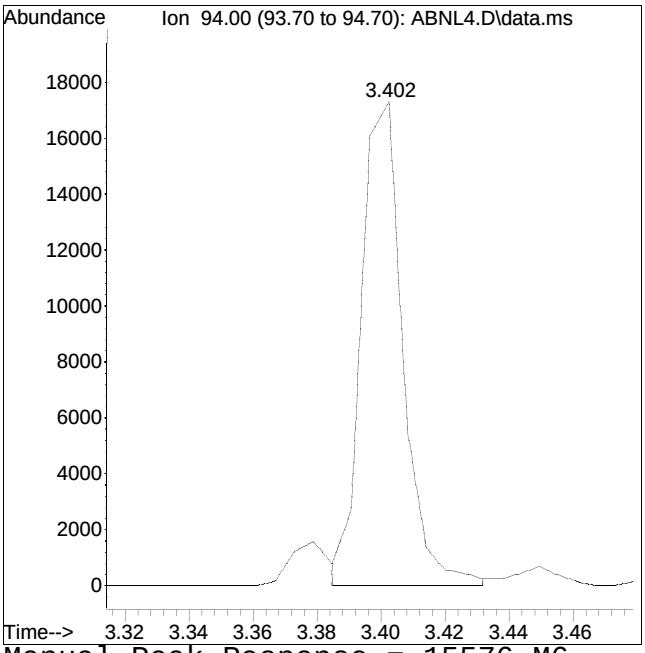
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL4.D Operator : MORK:jg
Date Inj'd : 12/9/2025 7:40 pm Instrument : Mork
Sample : IL7,32,,ABNL5 Lot# 12132 Quant Date : 12/10/2025 2:47 pm

Compound #8: Phenol



Original Peak Response = 16995



Manual Peak Response = 15576 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL3.D
Acq On : 9 Dec 2025 8:00 pm
Operator : MORK:jg
Sample : IL8,32,,ABNL3 Lot# 12133
Misc : WG2152654,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 11 12:37:19 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	3.649	152	114750	40.000 ug/ml	0.00
Standard Area 1 = 117810			Recovery =	97.40%	
35) IS1_Naphthalene-d8	4.724	136	388926	40.000 ug/ml	# 0.00
Standard Area 1 = 407331			Recovery =	95.48%	
63) IS1_Acenaphthene-d10	6.234	164	245671	40.000 ug/ml	0.00
Standard Area 1 = 261152			Recovery =	94.07%	
88) IS1_Phenanthrene-d10	7.509	188	539266	40.000 ug/ml	# 0.00
Standard Area 1 = 581810			Recovery =	92.69%	
104) IS1_Chrysene-d12	9.942	240	645613	40.000 ug/ml	# 0.00
Standard Area 1 = 706656			Recovery =	91.36%	
113) IS1_Perylene-d12	11.569	264	799733	40.000 ug/ml	0.00
Standard Area 1 = 833118			Recovery =	95.99%	
System Monitoring Compounds					
4) 2-Fluorophenol	2.580	112	8298	2.718 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery =	5.44%#	
7) Phenol-d6	3.391	99	9526	2.392 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery =	4.78%#	
19) Nitrobenzene-d5	4.125	82	9069	2.556 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	10.22%#	
46) 2-Fluorobiphenyl	5.676	172	29180	3.165 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	12.66%#	
79) 2,4,6-Tribromophenol	6.916	330	5427	3.082 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery =	6.16%#	
96) 4-Terphenyl-d14	8.925	244	45727	3.031 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	12.12%#	
Target Compounds					Qvalue
2) n-Nitrosodimethylamine	1.481	74	5183	2.617 ug/ml#	96
3) Pyridine	1.522	79	8549	2.850 ug/ml#	81
5) Aniline	3.379	93	13590	2.723 ug/ml#	63
6) 2-Chlorophenol	3.479	128	9777	2.721 ug/ml	96
8) Phenol	3.402	94	10135M6	2.213 ug/ml	
9) Bis(2-chloroethyl)ether	3.449	93	8096	2.669 ug/ml	97
10) 1,3-Dichlorobenzene	3.602	146	13028	2.998 ug/ml	95
11) 1,4-Dichlorobenzene	3.661	146	12731	2.842 ug/ml	91
12) 1,2-Dichlorobenzene	3.790	146	12280	2.846 ug/ml	98
13) Benzyl alcohol	3.790	79	7126	2.376 ug/ml	94
14) Bis(2-chloroisopropyl)...	3.908	45	10479	3.051 ug/ml#	89

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL3.D
Acq On : 9 Dec 2025 8:00 pm
Operator : MORK:jg
Sample : IL8,32,,ABNL3 Lot# 12133
Misc : WG2152654,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 11 12:37:19 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	3.908	108	8291	2.627	ug/ml	98
16) Hexachloroethane	4.072	117	4679	3.056	ug/ml#	59
17) n-Nitrosodi-n-propylamine	4.019	70	6424	2.529	ug/ml#	86
18) 3-Methylphenol/4-Methy...	4.043	108	8164	2.405	ug/ml	96
20) Nitrobenzene	4.137	77	9126	2.528	ug/ml	91
21) Isophorone	4.348	82	16329	2.398	ug/ml#	97
22) 2-Nitrophenol	4.413	139	5127	2.890	ug/ml#	90
23) 2,4-Dimethylphenol	4.489	107	9485	2.799	ug/ml	93
24) Bis(2-chloroethoxy)met...	4.560	93	10370	2.512	ug/ml#	97
25) 2,4-Dichlorophenol	4.630	162	9802	2.725	ug/ml	96
26) 1,2,4-Trichlorobenzene	4.689	180	12884	3.034	ug/ml	97
36) Naphthalene	4.742	128	29896	2.889	ug/ml	99
37) Benzoic Acid	4.554	105	5022	2.202	ug/ml#	1
38) 4-Chloroaniline	4.812	65	2994	2.551	ug/ml	88
39) Hexachlorobutadiene	4.877	225	8192	2.962	ug/ml	97
40) p-Chloro-m-cresol	5.265	107	8008	2.688	ug/ml	99
41) 2-Methylnaphthalene	5.347	142	19999	2.821	ug/ml	96
42) 1-Methylnaphthalene	5.429	115	7209	2.990	ug/ml	92
43) Hexachlorocyclopentadiene	5.494	237	7715	2.752	ug/ml	98
44) 2,4,6-Trichlorophenol	5.606	196	8669	3.021	ug/ml	98
45) 2,4,5-Trichlorophenol	5.635	196	9581	3.203	ug/ml	98
47) 2-Chloronaphthalene	5.758	162	24419	3.191	ug/ml	96
48) 2-Nitroaniline	5.864	138	5909	2.795	ug/ml	100
49) 1,4-Dinitrobenzene	5.988	168	2683	2.888	ug/ml	87
50) 1,3-Dinitrobenzene	6.052	168	3089	2.872	ug/ml	96
51) Dimethyl phthalate	6.046	163	28273	3.095	ug/ml#	98
52) Acenaphthylene	6.111	152	38057	3.234	ug/ml	98
53) 2,6-Dinitrotoluene	6.082	165	5620	3.069	ug/ml	90
54) 1,2-Dinitrobenzene	6.117	168	1874M3	2.756	ug/ml	
64) 3-Nitroaniline	6.217	138	5673	2.947	ug/ml#	68
65) Acenaphthene	6.264	154	21946	3.213	ug/ml	97
66) 2,4-Dinitrophenol	6.322	184	2317	2.245	ug/ml#	78
67) Dibenzofuran	6.411	168	35839	3.182	ug/ml#	85
68) 2,4-Dinitrotoluene	6.428	165	7386	2.960	ug/ml	93
69) 4-Nitrophenol	6.411	65	3600	2.702	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	6.499	232	7932	2.801	ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	6.540	232	8065	2.934	ug/ml	95
72) Diethyl phthalate	6.657	149	27803	3.085	ug/ml	99
73) Fluorene	6.704	166	27331	3.038	ug/ml	90
74) 4-Chlorophenyl phenyl ...	6.728	204	14197	3.042	ug/ml	98

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL3.D
Acq On : 9 Dec 2025 8:00 pm
Operator : MORK:jg
Sample : IL8,32,,ABNL3 Lot# 12133
Misc : WG2152654,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 11 12:37:19 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
75)	4-Nitroaniline	6.740	138	5584	2.819	ug/ml	#	86
76)	4,6-Dinitro-o-cresol	6.781	198	3869	2.852	ug/ml	#	91
77)	NDPA/DPA	6.834	169	22941	3.028	ug/ml		91
78)	Azobenzene	6.863	77	20553	2.732	ug/ml	#	93
80)	4-Bromophenyl phenyl e...	7.145	248	10188	3.068	ug/ml		97
81)	Hexachlorobenzene	7.186	284	11954	3.055	ug/ml		93
82)	Pentachlorophenol	7.368	266	5654	2.308	ug/ml		96
89)	Phenanthrene	7.527	178	47385	3.179	ug/ml		99
90)	Anthracene	7.568	178	46913	3.140	ug/ml		99
91)	Carbazole	7.727	167	42421	3.097	ug/ml		99
92)	Di-n-butylphthalate	8.085	149	47555	3.027	ug/ml		98
93)	Fluoranthene	8.555	202	56910	3.058	ug/ml	#	90
94)	Benzidine	8.696	184	37291	3.476	ug/ml	#	94
95)	Pyrene	8.743	202	60405	3.110	ug/ml		98
97)	Butyl benzyl phthalate	9.425	149	20944	3.252	ug/ml		90
105)	Benzo(a)anthracene	9.930	228	65422	3.016	ug/ml		99
106)	3,3'-Dichlorobenzidine	9.936	252	26964	3.378	ug/ml		97
107)	Chrysene	9.965	228	61401	3.045	ug/ml		98
108)	Bis(2-ethylhexyl)phtha...	10.089	149	33004	3.217	ug/ml	#	91
109)	Di-n-octylphthalate	10.847	149	56741	3.256	ug/ml	#	93
110)	Benzo(b)fluoranthene	11.135	252	71367	3.200	ug/ml	#	91
111)	Benzo(k)fluoranthene	11.164	252	62471	2.969	ug/ml	#	92
112)	Benzo(a)pyrene	11.493	252	65074	3.222	ug/ml	#	92
114)	Indeno(1,2,3-cd)pyrene	12.721	276	70032M6	2.864	ug/mL		
115)	Dibenzo(a,h)anthracene	12.756	278	70181	3.030	ug/ml	#	89
116)	Benzo(ghi)perylene	12.980	276	68731	3.062	ug/ml	#	86

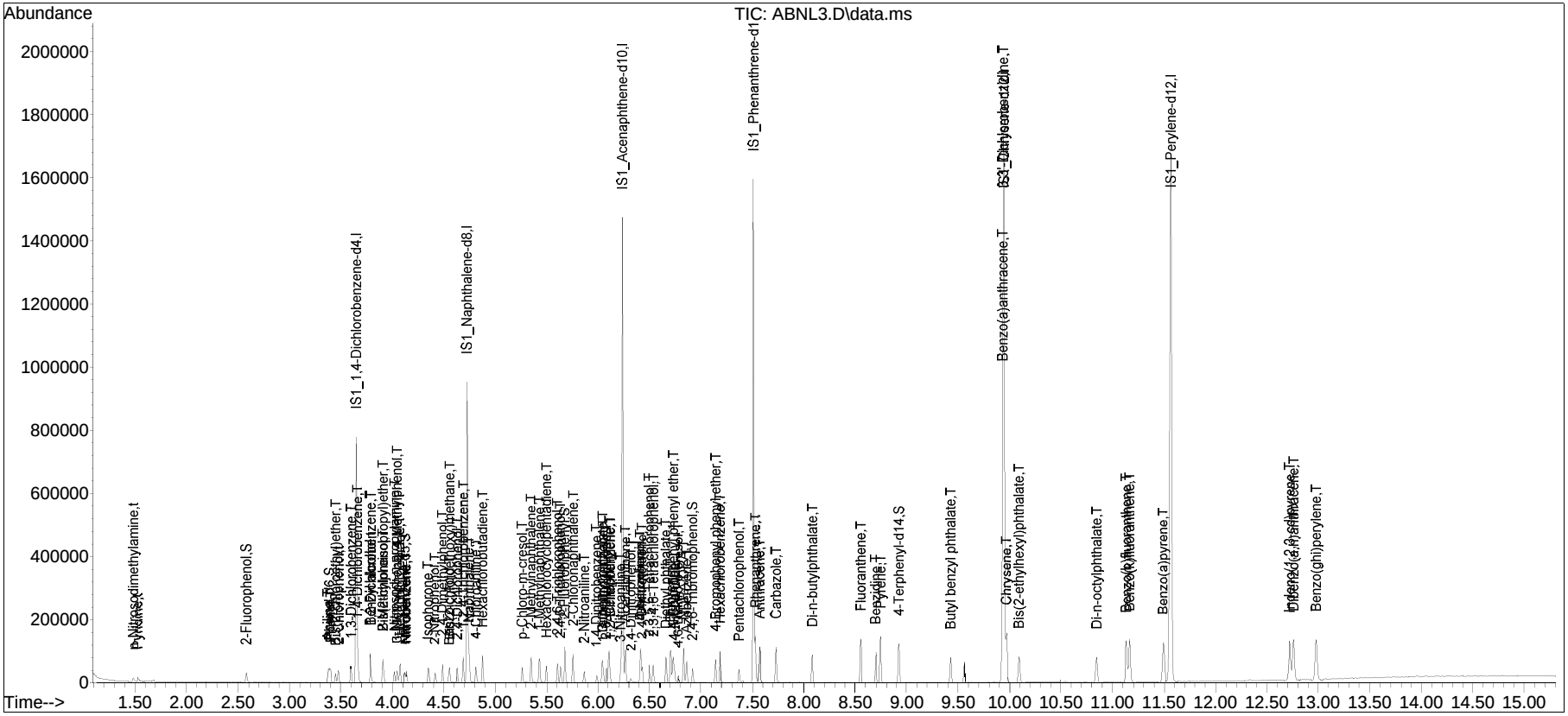
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL3.D
Acq On : 9 Dec 2025 8:00 pm
Operator : MORK:jg
Sample : IL8,32,,ABNL3 Lot# 12133
Misc : WG2152654,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 11 12:37:19 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

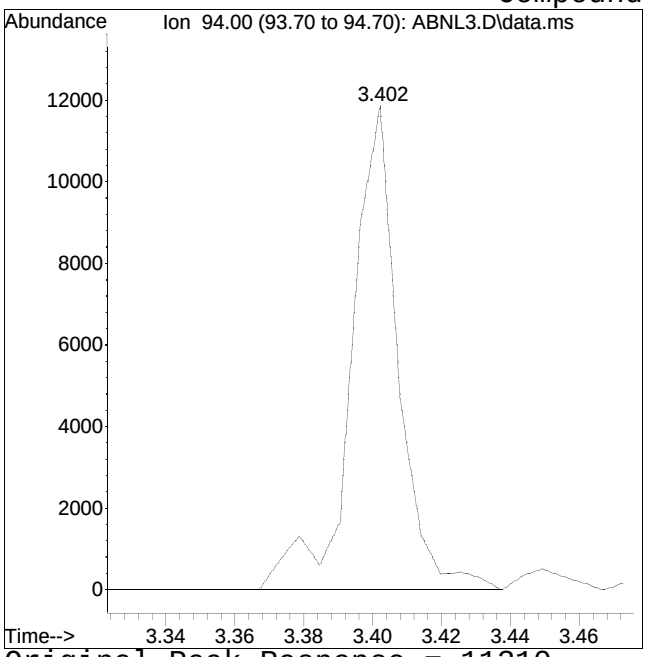
Sub List : ABNical - ABN ical sublistl\ABNL7.D•



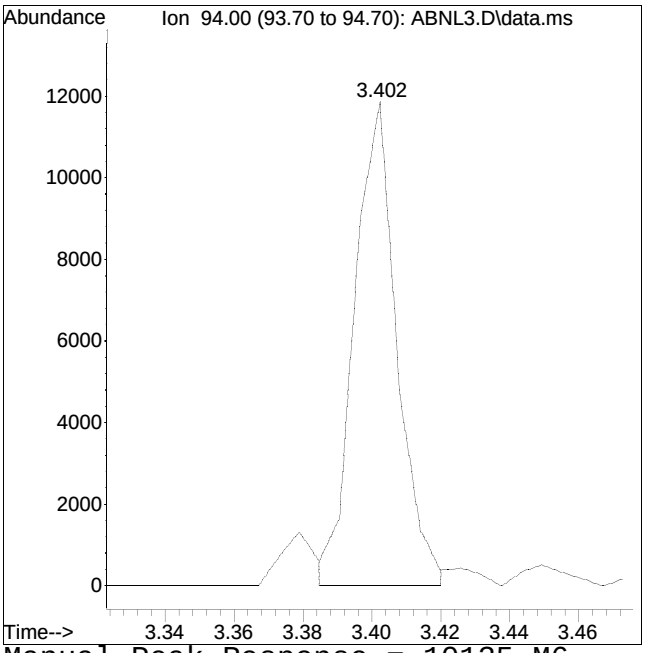
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL3.D Operator : MORK:jg
Date Inj'd : 12/9/2025 8:00 pm Instrument : Mork
Sample : IL8,32,,ABNL3 Lot# 12133 Quant Date : 12/10/2025 2:45 pm

Compound #8: Phenol



Original Peak Response = 11310



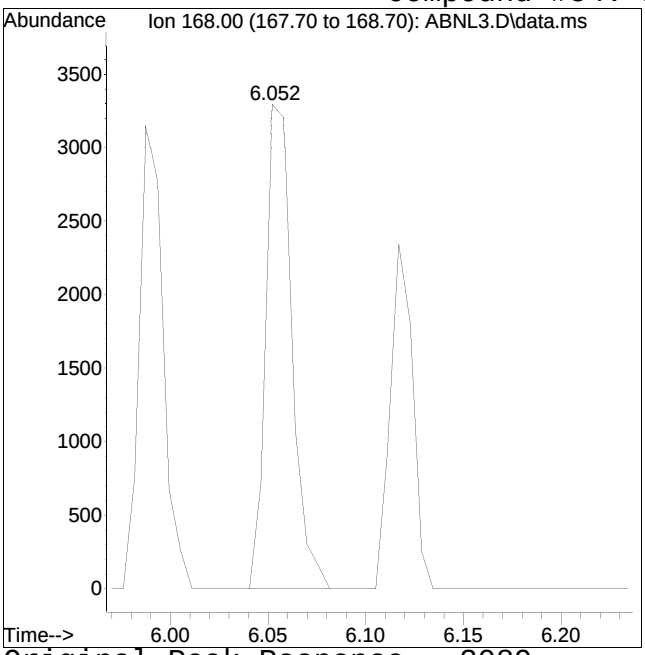
Manual Peak Response = 10135 M6

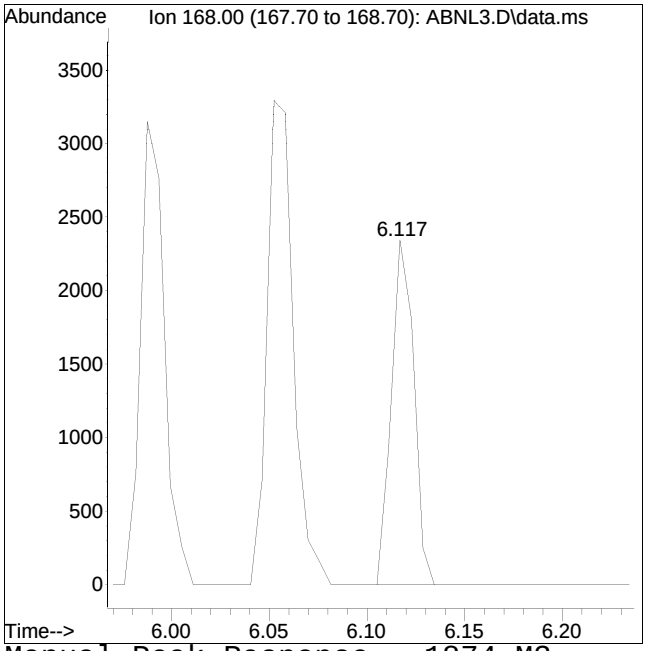
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL3.D Operator : MORK:jg
Date Inj'd : 12/9/2025 8:00 pm Instrument : Mork
Sample : IL8,32,,ABNL3 Lot# 12133 Quant Date : 12/10/2025 2:45 pm

Compound #54: 1,2-Dinitrobenzene





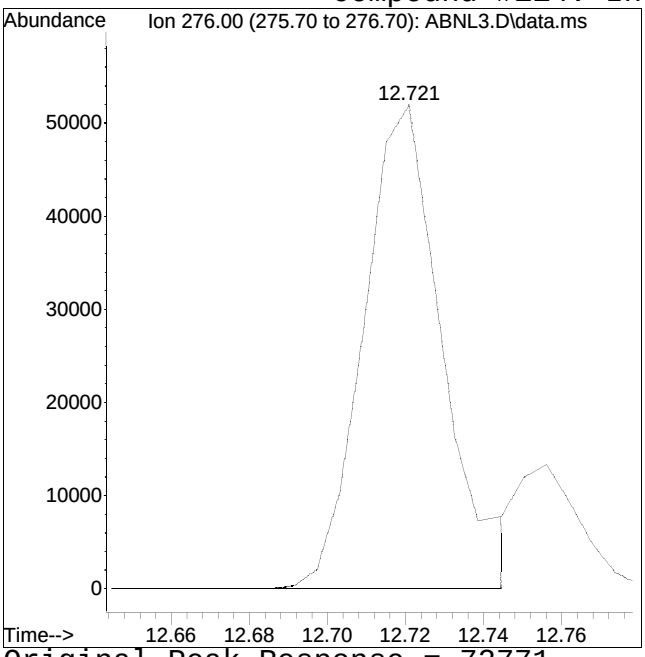
Original Peak Response = 3089 Manual Peak Response = 1874 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

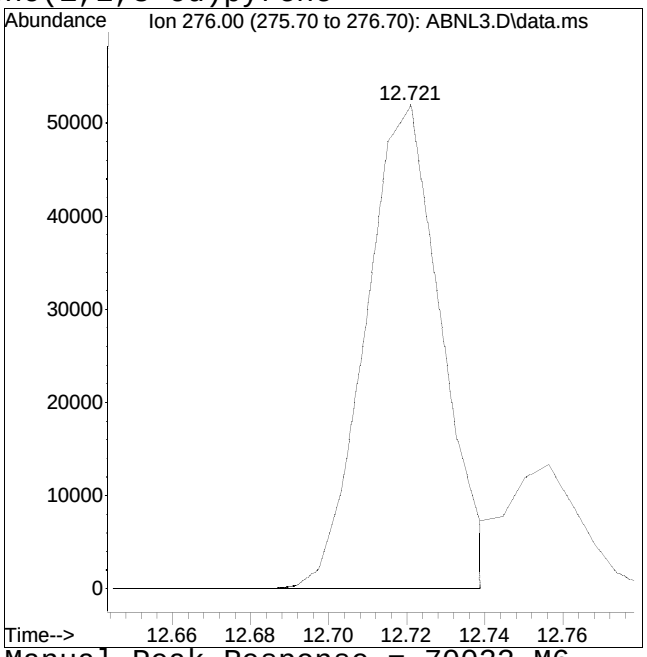
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL3.D Operator : MORK:jg
Date Inj'd : 12/9/2025 8:00 pm Instrument : Mork
Sample : IL8,32,,ABNL3 Lot# 12133 Quant Date : 12/10/2025 2:45 pm

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 72771



Manual Peak Response = 70032 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL2.D
Acq On : 9 Dec 2025 8:20 pm
Operator : MORK:jg
Sample : IL9,32,,ABNL2 Lot# 12134
Misc : WG2152654,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 10 15:10:45 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.649	152	96588	40.000	ug/ml	0.00
Standard Area 1 = 117810			Recovery = 81.99%			
35) IS1_Naphthalene-d8	4.724	136	328099	40.000	ug/ml	# 0.00
Standard Area 1 = 407331			Recovery = 80.55%			
63) IS1_Acenaphthene-d10	6.234	164	205254	40.000	ug/ml	0.00
Standard Area 1 = 261152			Recovery = 78.60%			
88) IS1_Phenanthrene-d10	7.509	188	466981	40.000	ug/ml	# 0.00
Standard Area 1 = 581810			Recovery = 80.26%			
104) IS1_Chrysene-d12	9.936	240	552522	40.000	ug/ml	#-0.01
Standard Area 1 = 706656			Recovery = 78.19%			
113) IS1_Perylene-d12	11.563	264	682729	40.000	ug/ml	0.00
Standard Area 1 = 833118			Recovery = 81.95%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.580	112	4221	1.643	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 3.29%#			
7) Phenol-d6	3.390	99	5806	1.732	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 3.46%#			
19) Nitrobenzene-d5	4.119	82	4813	1.611	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 6.44%#			
46) 2-Fluorobiphenyl	5.676	172	16961	2.181	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 8.72%#			
79) 2,4,6-Tribromophenol	6.916	330	3084	2.096	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 4.19%#			
96) 4-Terphenyl-d14	8.919	244	26293	2.013	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 8.05%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.475	74	2693	1.615	ug/ml#	94
3) Pyridine	1.528	79	4707	1.864	ug/ml#	83
5) Aniline	3.379	93	7586	1.806	ug/ml#	62
6) 2-Chlorophenol	3.473	128	5371	1.776	ug/ml	95
8) Phenol	3.402	94	5702M6	1.479	ug/ml	
9) Bis(2-chloroethyl)ether	3.449	93	4616	1.808	ug/ml	93
10) 1,3-Dichlorobenzene	3.596	146	7134	1.951	ug/ml	95
11) 1,4-Dichlorobenzene	3.661	146	7249M3	1.922	ug/ml	
12) 1,2-Dichlorobenzene	3.790	146	7213	1.986	ug/ml	94
13) Benzyl alcohol	3.790	79	3732	1.479	ug/ml	100
14) Bis(2-chloroisopropyl)...	3.908	45	5463	1.890	ug/ml#	81

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL2.D
Acq On : 9 Dec 2025 8:20 pm
Operator : MORK:jg
Sample : IL9,32,,ABNL2 Lot# 12134
Misc : WG2152654,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 10 15:10:45 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	3.908	108	4286	1.613	ug/ml	90
16) Hexachloroethane	4.072	117	2638	2.047	ug/ml#	54
17) n-Nitrosodi-n-propylamine	4.019	70	3415	1.598	ug/ml#	85
18) 3-Methylphenol/4-Methy...	4.043	108	4586	1.605	ug/ml#	93
20) Nitrobenzene	4.137	77	5441	1.791	ug/ml#	87
21) Isophorone	4.348	82	9197	1.605	ug/ml#	97
22) 2-Nitrophenol	4.413	139	2859	1.915	ug/ml#	96
23) 2,4-Dimethylphenol	4.489	107	5256	1.842	ug/ml	94
24) Bis(2-chloroethoxy)met...	4.560	93	5841	1.681	ug/ml#	92
25) 2,4-Dichlorophenol	4.630	162	5413	1.788	ug/ml	93
26) 1,2,4-Trichlorobenzene	4.689	180	7383	2.065	ug/ml	99
36) Naphthalene	4.742	128	17287	1.980	ug/ml	97
37) Benzoic Acid	4.548	105	2583	1.343	ug/ml#	1
38) 4-Chloroaniline	4.812	65	1694	1.711	ug/ml	93
39) Hexachlorobutadiene	4.877	225	4974	2.132	ug/ml	99
40) p-Chloro-m-cresol	5.265	107	4196	1.669	ug/ml	95
41) 2-Methylnaphthalene	5.347	142	10859	1.816	ug/ml	89
42) 1-Methylnaphthalene	5.423	115	3997	1.965	ug/ml	97
43) Hexachlorocyclopentadiene	5.494	237	3834	1.621	ug/ml#	92
44) 2,4,6-Trichlorophenol	5.606	196	4634	1.914	ug/ml	98
45) 2,4,5-Trichlorophenol	5.641	196	5489	2.175	ug/ml	95
47) 2-Chloronaphthalene	5.758	162	13473	2.087	ug/ml	97
48) 2-Nitroaniline	5.864	138	3300	1.850	ug/ml	98
49) 1,4-Dinitrobenzene	5.987	168	1434	1.830	ug/ml	86
50) 1,3-Dinitrobenzene	6.058	168	1562	1.721	ug/ml	97
51) Dimethyl phthalate	6.046	163	15915	2.065	ug/ml#	95
52) Acenaphthylene	6.111	152	21150	2.130	ug/ml	99
53) 2,6-Dinitrotoluene	6.081	165	2982	1.930	ug/ml	94
54) 1,2-Dinitrobenzene	6.117	168	1119	1.950	ug/ml	81
64) 3-Nitroaniline	6.217	138	2904	1.805	ug/ml#	47
65) Acenaphthene	6.264	154	12385	2.170	ug/ml	97
66) 2,4-Dinitrophenol	6.322	184	897	1.040	ug/ml#	65
67) Dibenzofuran	6.411	168	20143	2.141	ug/ml#	88
68) 2,4-Dinitrotoluene	6.428	165	4053	1.944	ug/ml	95
69) 4-Nitrophenol	6.411	65	1901	1.708	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	6.499	232	4482	1.894	ug/ml	91
71) 2,3,4,6-Tetrachlorophenol	6.540	232	4337	1.889	ug/ml	96
72) Diethyl phthalate	6.657	149	16078	2.135	ug/ml	98
73) Fluorene	6.704	166	15293	2.034	ug/ml	88
74) 4-Chlorophenyl phenyl ...	6.728	204	8322	2.134	ug/ml	97

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL2.D
Acq On : 9 Dec 2025 8:20 pm
Operator : MORK:jg
Sample : IL9,32,,ABNL2 Lot# 12134
Misc : WG2152654,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 10 15:10:45 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	6.740	138	2834	1.713	ug/ml#	81
76)	4,6-Dinitro-o-cresol	6.781	198	1868	1.648	ug/ml#	90
77)	NDPA/DPA	6.834	169	13625	2.152	ug/ml	94
78)	Azobenzene	6.863	77	11959	1.903	ug/ml#	96
80)	4-Bromophenyl phenyl e...	7.145	248	5760	2.076	ug/ml	97
81)	Hexachlorobenzene	7.186	284	7129	2.180	ug/ml	90
82)	Pentachlorophenol	7.368	266	2895	1.414	ug/ml	96
89)	Phenanthrene	7.527	178	26431	2.048	ug/ml	100
90)	Anthracene	7.568	178	26717	2.065	ug/ml	99
91)	Carbazole	7.727	167	25002	2.108	ug/ml	98
92)	Di-n-butylphthalate	8.085	149	27344	2.010	ug/ml	99
93)	Fluoranthene	8.555	202	32452	2.014	ug/ml#	89
94)	Benzidine	8.696	184	21319	2.295	ug/ml#	93
95)	Pyrene	8.743	202	34435	2.047	ug/ml	99
97)	Butyl benzyl phthalate	9.425	149	11796	2.115	ug/ml	90
105)	Benzo(a)anthracene	9.930	228	37939	2.044	ug/ml	99
106)	3,3'-Dichlorobenzidine	9.942	252	14995	2.195	ug/ml	99
107)	Chrysene	9.965	228	35010	2.029	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	10.089	149	18581	2.116	ug/ml#	92
109)	Di-n-octylphthalate	10.847	149	32096	2.152	ug/ml#	92
110)	Benzo(b)fluoranthene	11.134	252	37113	1.944	ug/ml#	92
111)	Benzo(k)fluoranthene	11.164	252	39065	2.170	ug/ml#	91
112)	Benzo(a)pyrene	11.493	252	37236	2.154	ug/ml#	92
114)	Indeno(1,2,3-cd)pyrene	12.715	276	39945	1.914	ug/mL#	83
115)	Dibenzo(a,h)anthracene	12.756	278	40270	2.037	ug/ml#	90
116)	Benzo(ghi)perylene	12.979	276	40110	2.093	ug/ml#	85

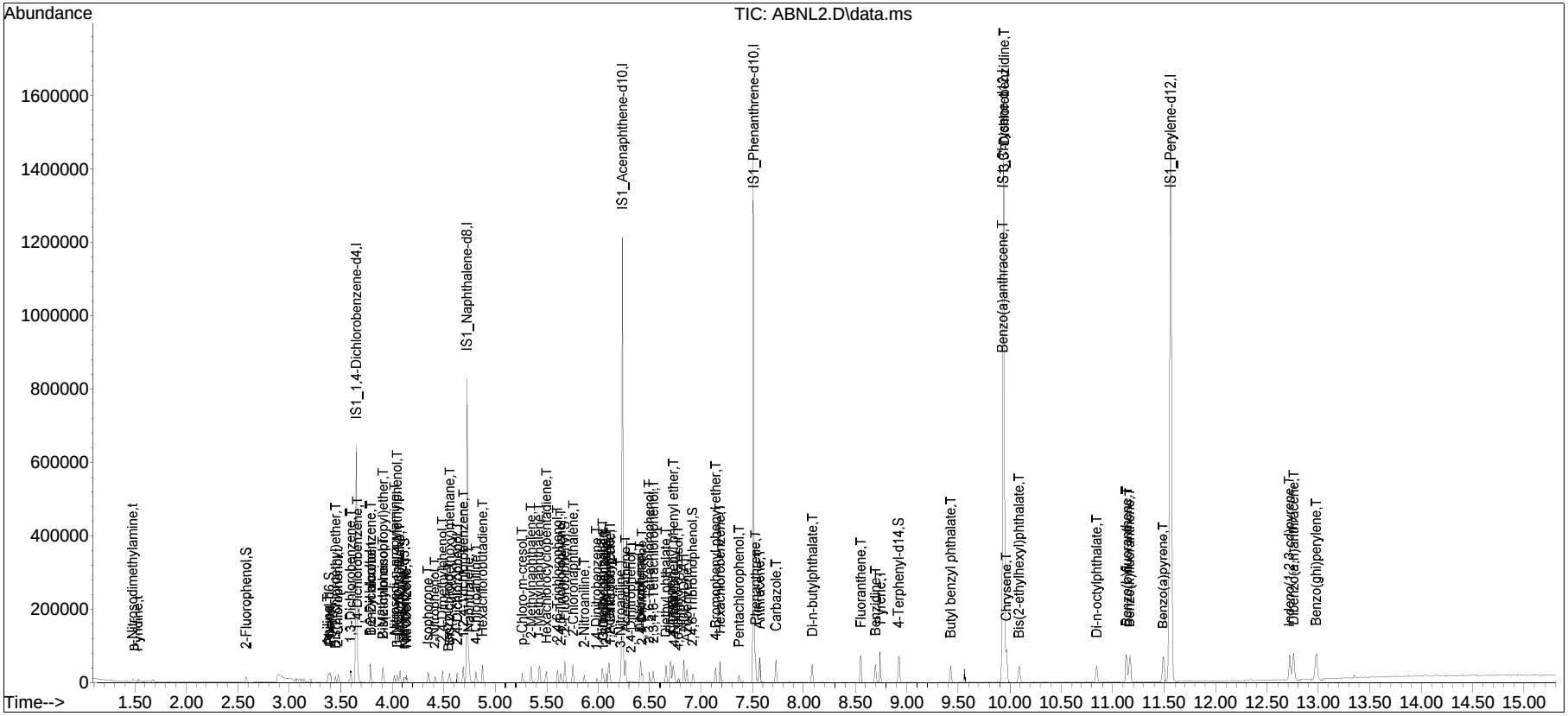
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL2.D
Acq On : 9 Dec 2025 8:20 pm
Operator : MORK:jg
Sample : IL9,32,,ABNL2 Lot# 12134
Misc : WG2152654,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 10 15:10:45 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

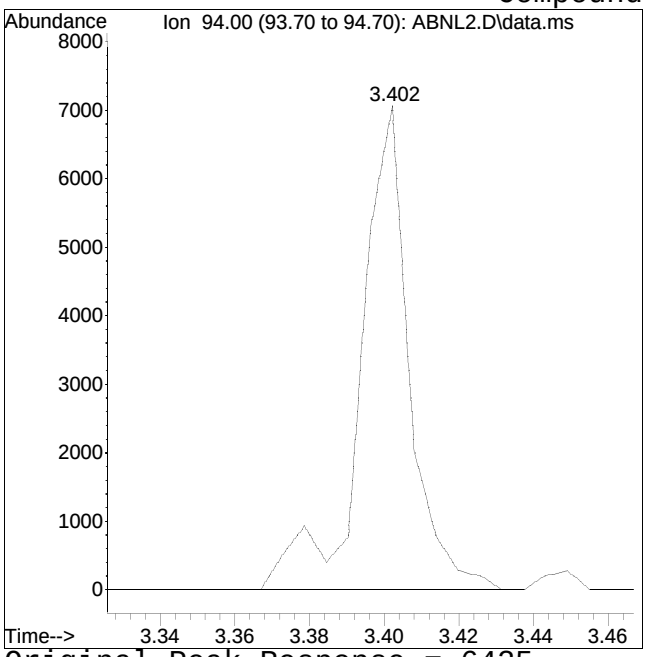
Sub List : ABNical - ABN ical sublistl\ABNL7.D•



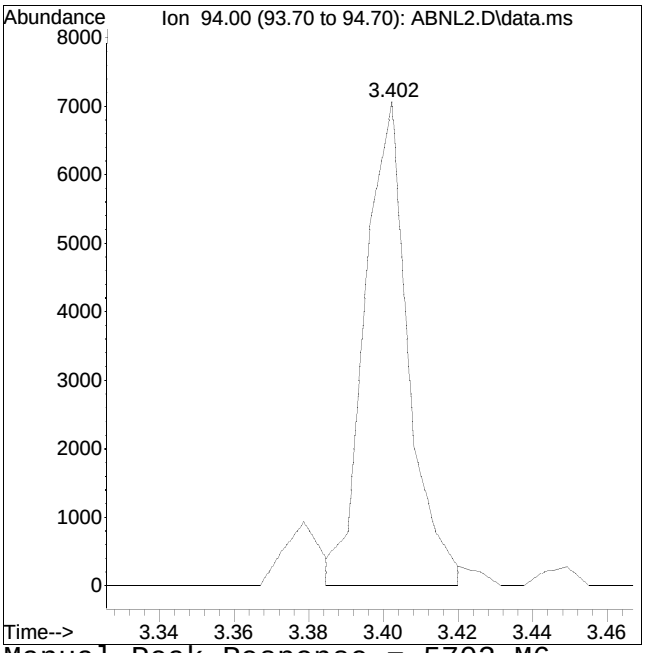
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL2.D Operator : MORK:jg
Date Inj'd : 12/9/2025 8:20 pm Instrument : Mork
Sample : IL9,32,,ABNL2 Lot# 12134 Quant Date : 12/10/2025 2:45 pm

Compound #8: Phenol



Original Peak Response = 6425



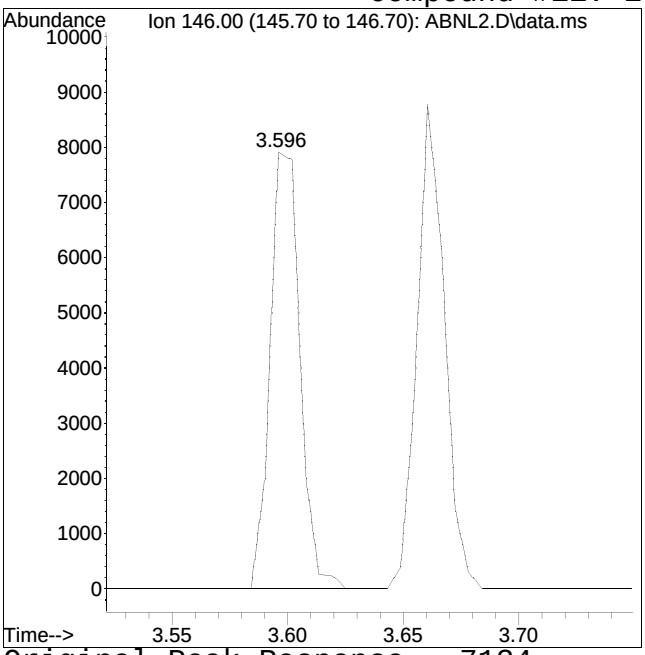
Manual Peak Response = 5702 M6

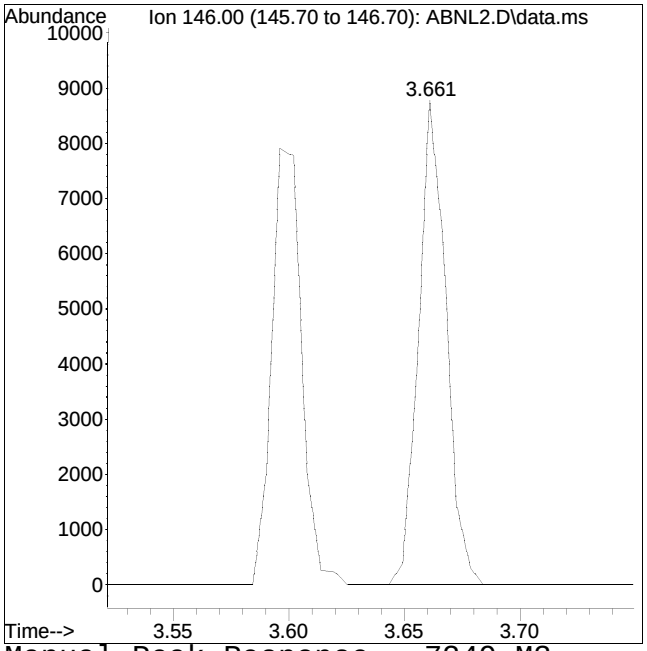
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL2.D Operator : MORK:jg
Date Inj'd : 12/9/2025 8:20 pm Instrument : Mork
Sample : IL9,32,,ABNL2 Lot# 12134 Quant Date : 12/10/2025 2:45 pm

Compound #11: 1,4-Dichlorobenzene





Original Peak Response = 7134 Manual Peak Response = 7249 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL1.D
Acq On : 9 Dec 2025 8:40 pm
Operator : MORK:jg
Sample : IL10,32,,ABNL1 Lot# 12135
Misc : WG2152654,,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 10 15:34:20 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 15:24:20 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	3.649	152	97061	40.000 ug/ml	0.00
Standard Area 1 = 117810			Recovery = 82.39%		
35) IS1_Naphthalene-d8	4.724	136	324368	40.000 ug/ml	# 0.00
Standard Area 1 = 407331			Recovery = 79.63%		
63) IS1_Acenaphthene-d10	6.234	164	204066	40.000 ug/ml	0.00
Standard Area 1 = 261152			Recovery = 78.14%		
88) IS1_Phenanthrene-d10	7.509	188	461346	40.000 ug/ml	# 0.00
Standard Area 1 = 581810			Recovery = 79.29%		
104) IS1_Chrysene-d12	9.936	240	559878	40.000 ug/ml	#-0.01
Standard Area 1 = 706656			Recovery = 79.23%		
113) IS1_Perylene-d12	11.563	264	683975	40.000 ug/ml	0.00
Standard Area 1 = 833118			Recovery = 82.10%		
System Monitoring Compounds					
4) 2-Fluorophenol	2.580	112	2281	0.978 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 1.96%#		
7) Phenol-d6	3.390	99	2781	0.962 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 1.92%#		
19) Nitrobenzene-d5	4.125	82	2655	1.028 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 4.11%#		
46) 2-Fluorobiphenyl	5.676	172	8584	1.086 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 4.34%#		
79) 2,4,6-Tribromophenol	6.922	330	1662	1.016 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 2.03%#		
96) 4-Terphenyl-d14	8.925	244	13302	1.052 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 4.21%#		
Target Compounds					Qvalue
2) n-Nitrosodimethylamine	1.481	74	1273	0.885 ug/ml#	74
3) Pyridine	1.546	79	2587	1.015 ug/ml#	72
5) Aniline	3.379	93	4026	1.044 ug/ml#	61
6) 2-Chlorophenol	3.479	128	2922	1.047 ug/ml	93
8) Phenol	3.402	94	3129	1.040 ug/ml#	60
9) Bis(2-chloroethyl)ether	3.449	93	2244	1.016 ug/ml	98
10) 1,3-Dichlorobenzene	3.596	146	3794	1.084 ug/ml	94
11) 1,4-Dichlorobenzene	3.661	146	3702M3	1.057 ug/ml	
12) 1,2-Dichlorobenzene	3.790	146	3494	1.042 ug/ml	98
13) Benzyl alcohol	3.790	79	1739	0.831 ug/ml	90
14) Bis(2-chloroisopropyl)...	3.907	45	2982	1.048 ug/ml#	88

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL1.D
Acq On : 9 Dec 2025 8:40 pm
Operator : MORK:jg
Sample : IL10,32,,ABNL1 Lot# 12135
Misc : WG2152654,,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 10 15:34:20 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 15:24:20 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	3.907	108	2391	1.043	ug/ml	95
16) Hexachloroethane	4.072	117	1293	1.010	ug/ml#	45
17) n-Nitrosodi-n-propylamine	4.019	70	1824	1.023	ug/ml#	61
18) 3-Methylphenol/4-Methy...	4.043	108	2445	1.007	ug/ml#	97
20) Nitrobenzene	4.137	77	2723	1.035	ug/ml#	89
21) Isophorone	4.354	82	4690	0.995	ug/ml#	92
22) 2-Nitrophenol	4.413	139	1389	0.933	ug/ml#	84
23) 2,4-Dimethylphenol	4.489	107	2831	1.034	ug/ml	91
24) Bis(2-chloroethoxy)met...	4.560	93	3097	1.051	ug/ml#	92
25) 2,4-Dichlorophenol	4.630	162	2952	1.014	ug/ml#	94
26) 1,2,4-Trichlorobenzene	4.689	180	3545	1.001	ug/ml	99
36) Naphthalene	4.742	128	8685	1.083	ug/ml	98
37) Benzoic Acid	4.548	105	1246	0.642	ug/ml#	1
38) 4-Chloroaniline	4.812	65	765	0.891	ug/ml#	69
39) Hexachlorobutadiene	4.877	225	2427	1.046	ug/ml	98
40) p-Chloro-m-cresol	5.265	107	2333	1.016	ug/ml	93
41) 2-Methylnaphthalene	5.347	142	5982	1.104	ug/ml	98
42) 1-Methylnaphthalene	5.429	115	2139	1.081	ug/ml	89
43) Hexachlorocyclopentadiene	5.494	237	1571	0.640	ug/ml#	92
44) 2,4,6-Trichlorophenol	5.606	196	2444	1.003	ug/ml	96
45) 2,4,5-Trichlorophenol	5.641	196	2546	0.950	ug/ml	97
47) 2-Chloronaphthalene	5.758	162	6736	1.042	ug/ml	98
48) 2-Nitroaniline	5.864	138	1641	0.922	ug/ml	97
49) 1,4-Dinitrobenzene	5.987	168	615	0.746	ug/ml	80
50) 1,3-Dinitrobenzene	6.058	168	865	0.907	ug/ml	90
51) Dimethyl phthalate	6.046	163	8470	1.087	ug/ml#	96
52) Acenaphthylene	6.111	152	10881	1.070	ug/ml	96
53) 2,6-Dinitrotoluene	6.081	165	1571	0.987	ug/ml	89
54) 1,2-Dinitrobenzene	6.117	168	645	1.093	ug/ml	82
64) 3-Nitroaniline	6.222	138	1553	0.987	ug/ml#	1
65) Acenaphthene	6.264	154	6012	1.062	ug/ml	93
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	6.416	168	10908	1.145	ug/ml	90
68) 2,4-Dinitrotoluene	6.434	165	2132	0.977	ug/ml	87
69) 4-Nitrophenol	6.416	65	910	0.855	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	6.504	232	2253	0.968	ug/ml	91
71) 2,3,4,6-Tetrachlorophenol	6.540	232	2234	0.969	ug/ml	92
72) Diethyl phthalate	6.657	149	8063	1.066	ug/ml	96
73) Fluorene	6.710	166	7815	1.043	ug/ml#	80
74) 4-Chlorophenyl phenyl ...	6.728	204	4341	1.103	ug/ml	95

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL1.D
Acq On : 9 Dec 2025 8:40 pm
Operator : MORK:jg
Sample : IL10,32,,ABNL1 Lot# 12135
Misc : WG2152654,,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 10 15:34:20 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 15:24:20 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	6.739	138	1395	0.918	ug/ml#	90
76)	4,6-Dinitro-o-cresol	6.787	198	857	0.650	ug/ml#	38
77)	NDPA/DPA	6.834	169	7364	1.139	ug/ml	96
78)	Azobenzene	6.863	77	5994	1.068	ug/ml#	92
80)	4-Bromophenyl phenyl e...	7.145	248	2740	0.995	ug/ml	94
81)	Hexachlorobenzene	7.186	284	3618	1.068	ug/ml	96
82)	Pentachlorophenol	7.368	266	1378	0.741	ug/ml	91
89)	Phenanthrene	7.527	178	14427	1.157	ug/ml	98
90)	Anthracene	7.568	178	14234	1.135	ug/ml	99
91)	Carbazole	7.727	167	12537	1.086	ug/ml	98
92)	Di-n-butylphthalate	8.085	149	13954	1.055	ug/ml	98
93)	Fluoranthene	8.549	202	16425	1.052	ug/ml#	90
94)	Benzidine	8.696	184	10464	0.986	ug/ml#	87
95)	Pyrene	8.743	202	17438	1.069	ug/ml	99
97)	Butyl benzyl phthalate	9.425	149	6154	0.974	ug/ml	90
105)	Benzo(a)anthracene	9.930	228	21137	1.152	ug/ml	96
106)	3,3'-Dichlorobenzidine	9.942	252	8083	1.055	ug/ml	93
107)	Chrysene	9.965	228	19481	1.171	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	10.089	149	9717	1.028	ug/ml#	92
109)	Di-n-octylphthalate	10.847	149	16285	0.970	ug/ml#	94
110)	Benzo(b)fluoranthene	11.134	252	19631	0.984	ug/ml#	90
111)	Benzo(k)fluoranthene	11.164	252	20579	1.136	ug/ml#	88
112)	Benzo(a)pyrene	11.493	252	19151	1.029	ug/ml#	91
114)	Indeno(1,2,3-cd)pyrene	12.721	276	20541	0.981	ug/mL#	85
115)	Dibenzo(a,h)anthracene	12.756	278	20850	1.045	ug/ml#	92
116)	Benzo(ghi)perylene	12.979	276	20765	1.043	ug/ml#	86

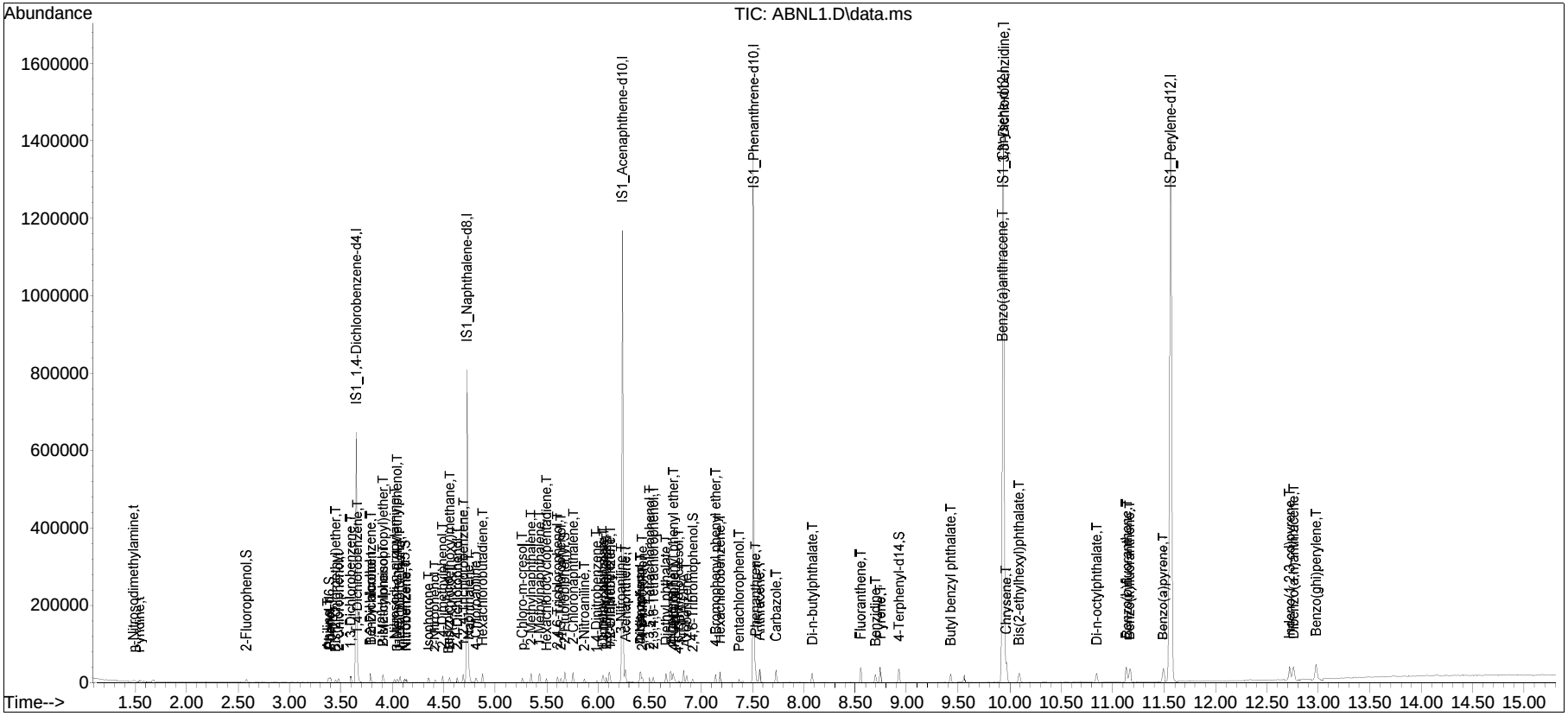
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL1.D
Acq On : 9 Dec 2025 8:40 pm
Operator : MORK:jg
Sample : IL10,32,,ABNL1 Lot# 12135
Misc : WG2152654,,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 10 15:34:20 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 15:24:20 2025
Response via : Initial Calibration

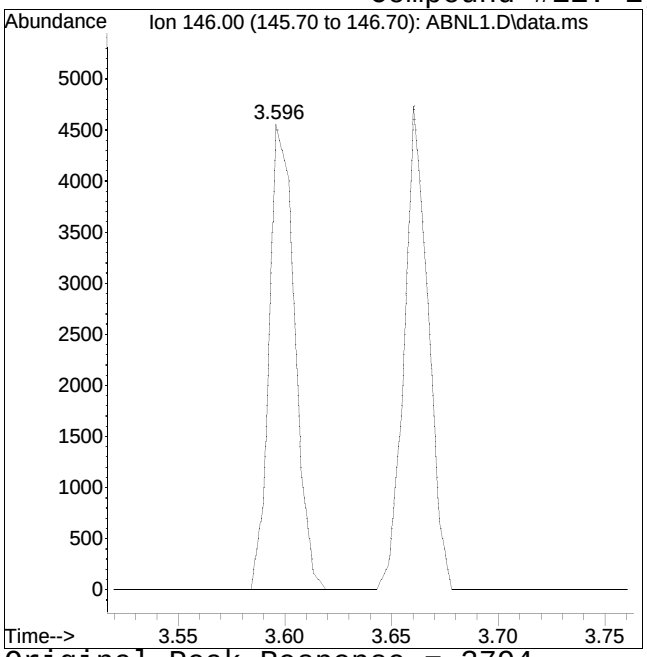
Sub List : ABNical - ABN ical sublistl\ABNL7.D•

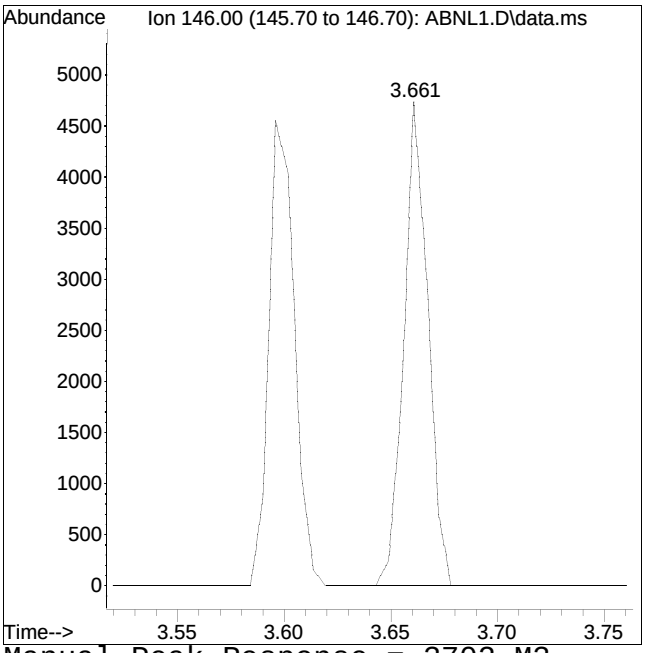


Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL1.D Operator : MORK:jg
Date Inj'd : 12/9/2025 8:40 pm Instrument : Mork
Sample : IL10,32,,ABNL1 Lot# 12135 Quant Date : 12/10/2025 3:33 pm

Compound #11: 1,4-Dichlorobenzene





Original Peak Response = 3794 Manual Peak Response = 3702 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L10.D
Acq On : 9 Dec 2025 9:00 pm
Operator : MORK:jg
Sample : IL11,32,,AP9L200 Lot# 12103
Misc : WG2152654,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 10 15:45:14 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.649	152	112251	40.000	ug/ml	0.00
Standard Area 1 = 115486			Recovery	= 97.20%		
55) IS2_Naphthalene-d8	4.724	136	385260	40.000	ug/ml	# 0.00
Standard Area 1 = 377197			Recovery	= 102.14%		
83) IS2_Acenaphthene-d10	6.234	164	244927	40.000	ug/ml	0.00
Standard Area 1 = 241476			Recovery	= 101.43%		
98) IS2_Phenanthrene-d10	7.509	188	557013	40.000	ug/ml	# 0.00
Standard Area 1 = 560507			Recovery	= 99.38%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.279	105	488723	175.044	ug/ml	97
29) Acetophenone	4.002	105	812087	164.040	ug/ml#	89
30) m-Toluidine	4.078	106	805326	173.424	ug/ml	99
31) 2-Chloroaniline	4.389	127	748060	170.988	ug/ml	97
56) a-Terpineol	4.795	59	406132	199.497	ug/ml	89
57) 3-Chloroaniline	4.807	65	236225	184.914	ug/ml	89
58) 2,6-Dichlorophenol	4.830	162	634971	203.553	ug/ml	94
59) 1-chloro-2-nitrobenzene	5.047	111	253611	189.479	ug/ml	95
60) Caprolactam	5.124	55	214447	202.609	ug/ml#	89
61) 1,2,4,5-Tetrachloroben...	5.500	216	884999	193.848	ug/ml	99
62) Biphenyl	5.764	154	1635296	179.852	ug/ml	97
84) Dichloran	7.257	206	308277	263.617	ug/ml	87
85) Pentachloronitrobenzene	7.380	237	310595	234.356	ug/ml#	90
99) Diphenamid	8.332	167	1362519	198.207	ug/ml#	72

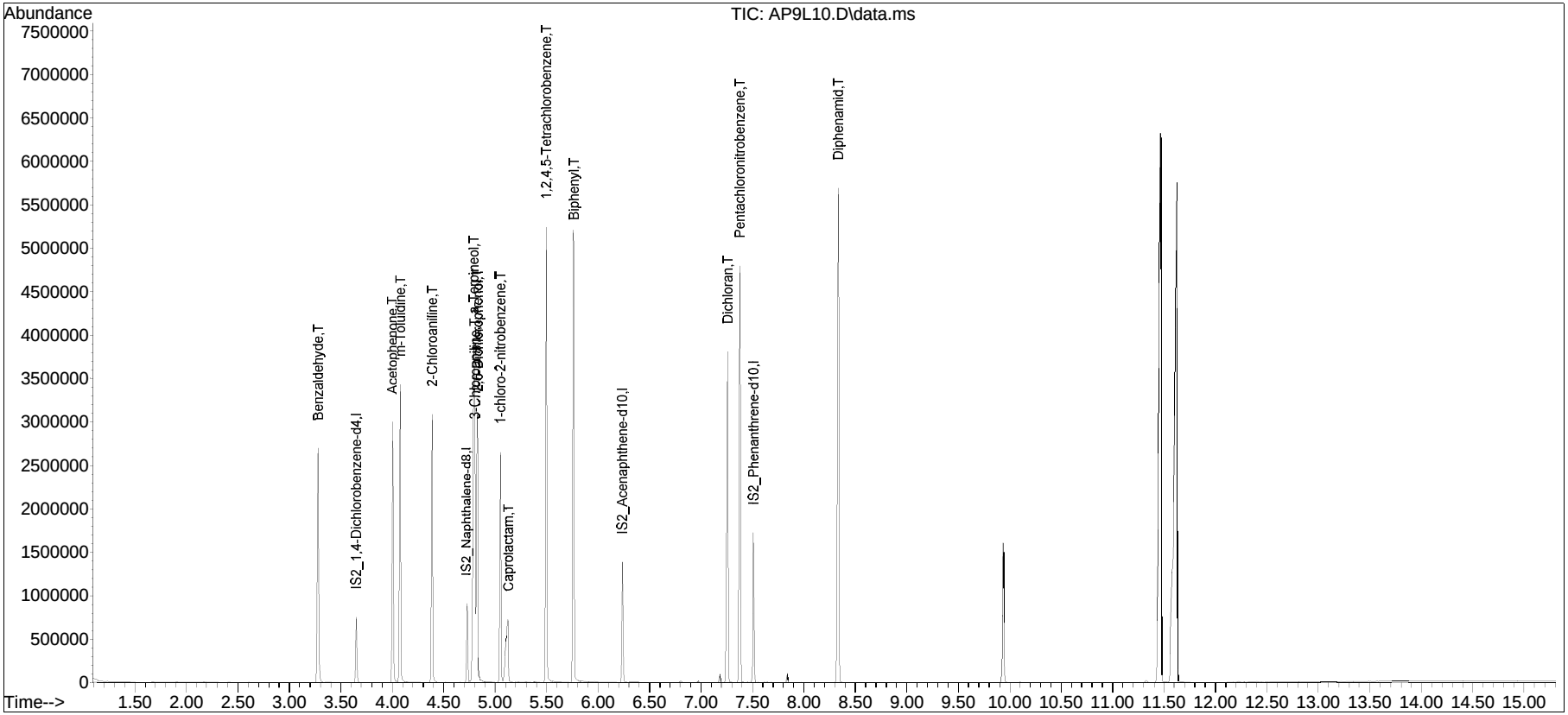
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L10.D
Acq On : 9 Dec 2025 9:00 pm
Operator : MORK:jg
Sample : IL11,32,,AP9L200 Lot# 12103
Misc : WG2152654,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 10 15:45:14 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistl\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: AP9L10.D	Operator	: MORK:jg
Date Inj'd	: 12/9/2025 9:00 pm	Instrument	: Mork
Sample	: IL11,32,,AP9L200 Lot# 1210	Quant Date	: 12/10/2025 2:57 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L9.D
Acq On : 9 Dec 2025 9:20 pm
Operator : MORK:jg
Sample : IL12,32,,AP9L150 Lot# 12104
Misc : WG2152654,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 10 16:09:13 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.649	152	113482	40.000	ug/ml	0.00
Standard Area 1 = 115486			Recovery = 98.26%			
55) IS2_Naphthalene-d8	4.724	136	380456	40.000	ug/ml	# 0.00
Standard Area 1 = 377197			Recovery = 100.86%			
83) IS2_Acenaphthene-d10	6.234	164	244447	40.000	ug/ml	0.00
Standard Area 1 = 241476			Recovery = 101.23%			
98) IS2_Phenanthrene-d10	7.509	188	547628	40.000	ug/ml	# 0.00
Standard Area 1 = 560507			Recovery = 97.70%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.279	105	364444	129.116	ug/ml	97
29) Acetophenone	4.002	105	609591	121.800	ug/ml#	88
30) m-Toluidine	4.072	106	603830	128.622	ug/ml	99
31) 2-Chloroaniline	4.384	127	561713	127.001	ug/ml	99
56) a-Terpineol	4.789	59	295782	147.127	ug/ml	89
57) 3-Chloroaniline	4.801	65	173157	137.256	ug/ml	92
58) 2,6-Dichlorophenol	4.824	162	473234	153.620	ug/ml#	93
59) 1-chloro-2-nitrobenzene	5.047	111	186252	140.910	ug/ml	94
60) Caprolactam	5.112	55	159495	152.593	ug/ml#	88
61) 1,2,4,5-Tetrachloroben...	5.500	216	652218	144.664	ug/ml	99
62) Biphenyl	5.758	154	1252379	139.478	ug/ml	97
84) Dichloran	7.257	206	228403	195.697	ug/ml	86
85) Pentachloronitrobenzene	7.380	237	228525	172.770	ug/ml#	90
99) Diphenamid	8.332	167	996795	147.490	ug/ml#	72

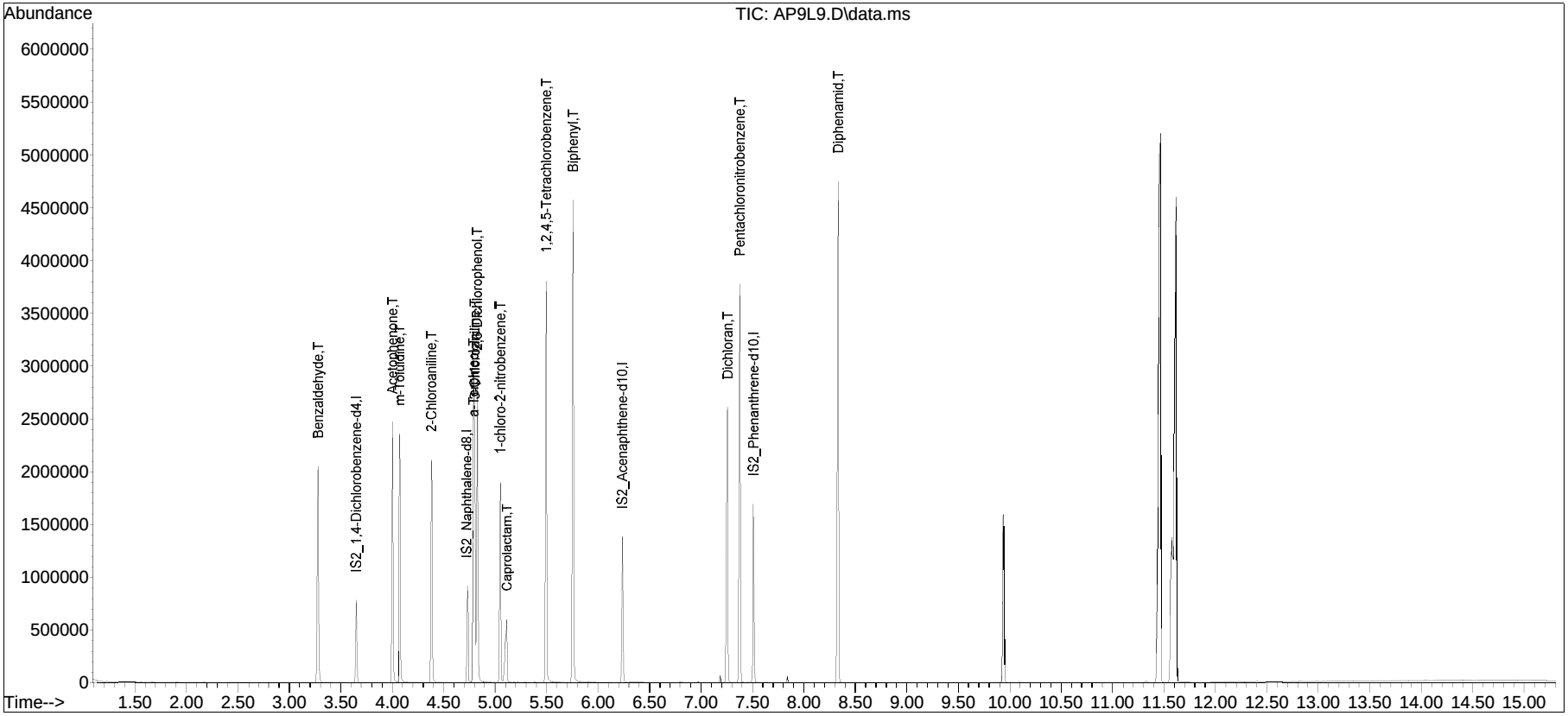
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L9.D
Acq On : 9 Dec 2025 9:20 pm
Operator : MORK:jg
Sample : IL12,32,,AP9L150 Lot# 12104
Misc : WG2152654,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 10 16:09:13 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistl\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: AP9L9.D	Operator	: MORK:jg
Date Inj'd	: 12/9/2025 9:20 pm	Instrument	: Mork
Sample	: IL12,32,,AP9L150 Lot# 1210	Quant Date	: 12/10/2025 2:59 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L8.D
Acq On : 9 Dec 2025 9:40 pm
Operator : MORK:jg
Sample : IL13,32,,AP9L100 Lot# 12105
Misc : WG2152654,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 10 16:08:37 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.649	152	108158	40.000	ug/ml	0.00
Standard Area 1 = 115486			Recovery =	93.65%		
55) IS2_Naphthalene-d8	4.724	136	367462	40.000	ug/ml	# 0.00
Standard Area 1 = 377197			Recovery =	97.42%		
83) IS2_Acenaphthene-d10	6.234	164	234119	40.000	ug/ml	0.00
Standard Area 1 = 241476			Recovery =	96.95%		
98) IS2_Phenanthrene-d10	7.509	188	513349	40.000	ug/ml	# 0.00
Standard Area 1 = 560507			Recovery =	91.59%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.279	105	237576	88.312	ug/ml	96
29) Acetophenone	4.002	105	399363	83.723	ug/ml#	88
30) m-Toluidine	4.072	106	394542	88.179	ug/ml	99
31) 2-Chloroaniline	4.384	127	371594	88.152	ug/ml	99
56) a-Terpineol	4.789	59	190041	97.872	ug/ml	87
57) 3-Chloroaniline	4.801	65	112737	92.523	ug/ml	94
58) 2,6-Dichlorophenol	4.824	162	305553	102.695	ug/ml	95
59) 1-chloro-2-nitrobenzene	5.042	111	120721	94.562	ug/ml	94
60) Caprolactam	5.100	55	100317	99.370	ug/ml#	89
61) 1,2,4,5-Tetrachloroben...	5.500	216	432027	99.213	ug/ml	99
62) Biphenyl	5.758	154	812551	93.694	ug/ml	99
84) Dichloran	7.251	206	138937	124.294	ug/ml	86
85) Pentachloronitrobenzene	7.380	237	145452	114.816	ug/ml#	88
99) Diphenamid	8.326	167	640578	101.112	ug/ml#	71

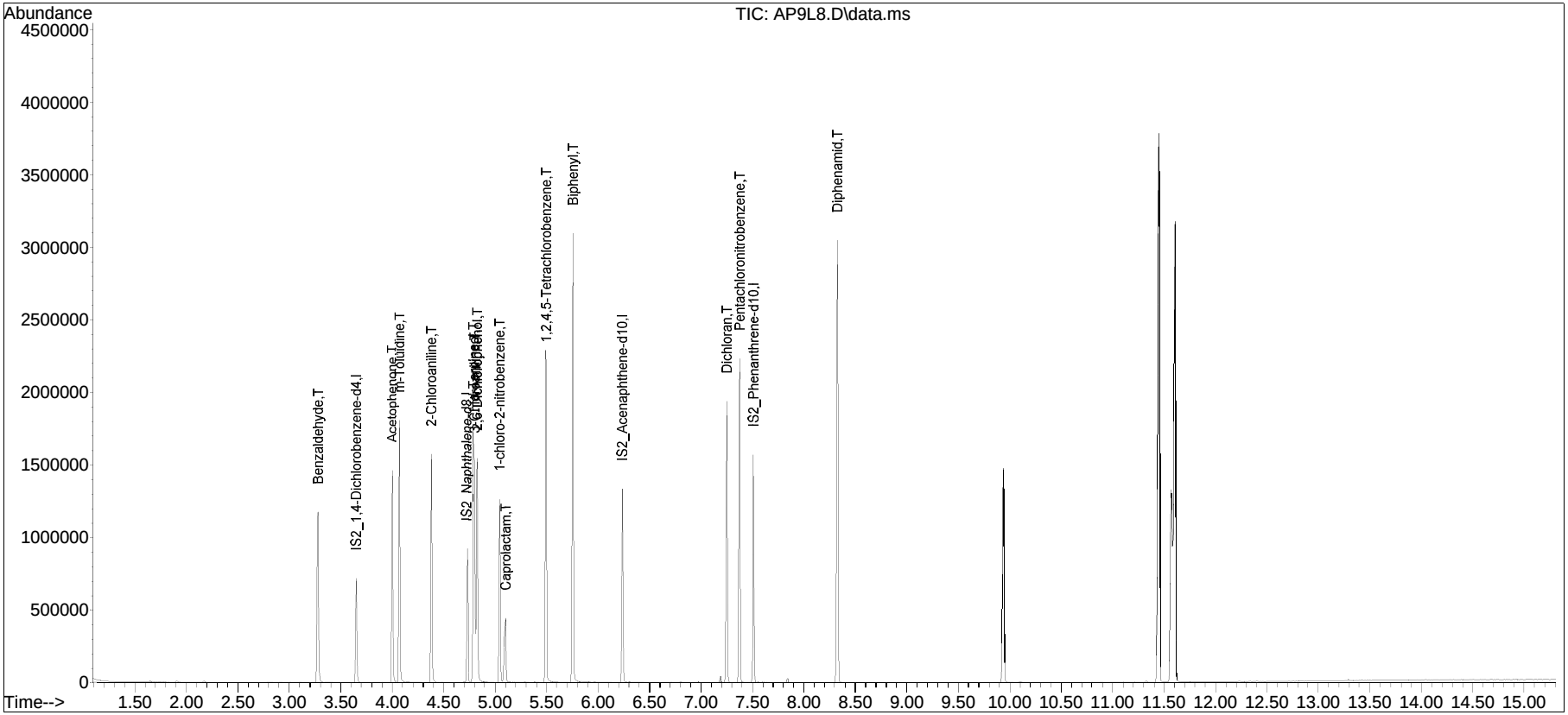
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L8.D
Acq On : 9 Dec 2025 9:40 pm
Operator : MORK:jg
Sample : IL13,32,,AP9L100 Lot# 12105
Misc : WG2152654,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 10 16:08:37 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistl\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: AP9L8.D	Operator	: MORK:jg
Date Inj'd	: 12/9/2025 9:40 pm	Instrument	: Mork
Sample	: IL13,32,,AP9L100 Lot# 1210	Quant Date	: 12/10/2025 2:59 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L7.D
Acq On : 9 Dec 2025 10:00 pm
Operator : MORK:jg
Sample : IL14,32,,AP9L50 Lot# 12106
Misc : WG2152654,,
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 10 14:34:56 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:35:02 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
27) IS2_1,4-Dichlorobenzen...	3.649	152	115486	40.000 ug/ml	0.00
Standard Area 1 = 115486			Recovery	= 100.00%	
55) IS2_Naphthalene-d8	4.724	136	377197	40.000 ug/ml	# 0.00
Standard Area 1 = 377197			Recovery	= 100.00%	
83) IS2_Acenaphthene-d10	6.234	164	241476	40.000 ug/ml	0.00
Standard Area 1 = 241476			Recovery	= 100.00%	
98) IS2_Phenanthrene-d10	7.509	188	560507	40.000 ug/ml	# 0.00
Standard Area 1 = 560507			Recovery	= 100.00%	
System Monitoring Compounds					
Target Compounds					Qvalue
28) Benzaldehyde	3.279	105	125185	43.581 ug/ml	95
29) Acetophenone	4.002	105	207282	40.698 ug/ml#	88
30) m-Toluidine	4.072	106	205555	43.026 ug/ml	99
31) 2-Chloroaniline	4.384	127	197281	43.830 ug/ml	100
56) a-Terpineol	4.783	59	102542	51.447 ug/ml	89
57) 3-Chloroaniline	4.795	65	57853	46.255 ug/ml	99
58) 2,6-Dichlorophenol	4.818	162	166683	54.576 ug/ml#	93
59) 1-chloro-2-nitrobenzene	5.042	111	62896	47.996 ug/ml	95
60) Caprolactam	5.089	55	53405	51.535 ug/ml#	90
61) 1,2,4,5-Tetrachloroben...	5.494	216	232727	52.066 ug/ml	100
62) Biphenyl	5.758	154	440176	49.446 ug/ml	99
84) Dichloran	7.251	206	72006	62.454 ug/ml	86
85) Pentachloronitrobenzene	7.374	237	75589	57.850 ug/ml#	89
99) Diphenamid	8.326	167	345521	49.950 ug/ml#	70

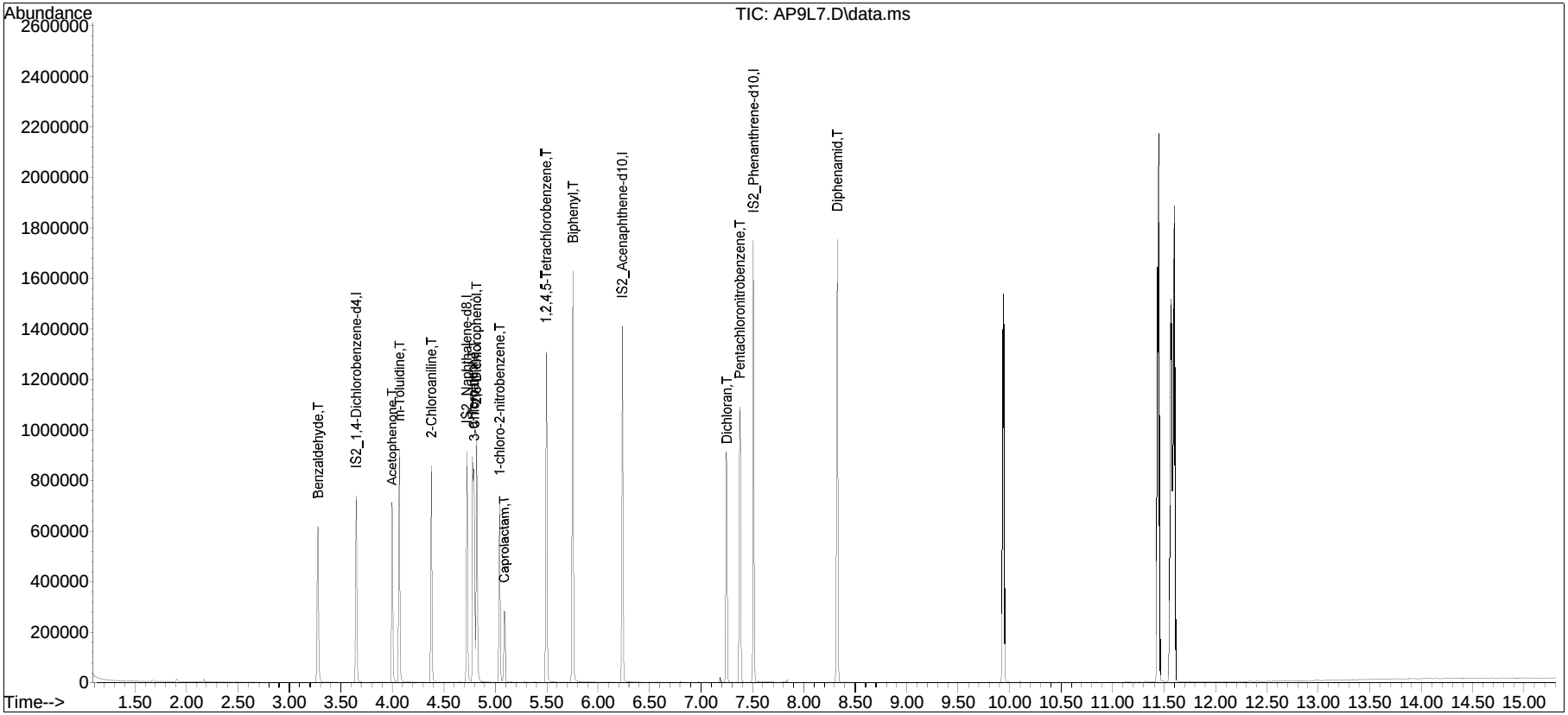
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L7.D
Acq On : 9 Dec 2025 10:00 pm
Operator : MORK:jg
Sample : IL14,32,,AP9L50 Lot# 12106
Misc : WG2152654,,
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 10 14:34:56 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:35:02 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistl\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: AP9L7.D	Operator	: MORK:jg
Date Inj'd	: 12/9/2025 10:00 pm	Instrument	: Mork
Sample	: IL14,32,,AP9L50 Lot# 12106	Quant Date	: 12/10/2025 2:35 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L6.D
Acq On : 9 Dec 2025 10:20 pm
Operator : MORK:jg
Sample : IL15,32,,AP9L25 Lot# 12107
Misc : WG2152654,,
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 10 16:07:29 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.649	152	113519	40.000	ug/ml	0.00
Standard Area 1 = 115486			Recovery =	98.30%		
55) IS2_Naphthalene-d8	4.724	136	374951	40.000	ug/ml	# 0.00
Standard Area 1 = 377197			Recovery =	99.40%		
83) IS2_Acenaphthene-d10	6.234	164	237931	40.000	ug/ml	0.00
Standard Area 1 = 241476			Recovery =	98.53%		
98) IS2_Phenanthrene-d10	7.509	188	542296	40.000	ug/ml	# 0.00
Standard Area 1 = 560507			Recovery =	96.75%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.279	105	60157	21.306	ug/ml	95
29) Acetophenone	4.002	105	101175	20.209	ug/ml#	87
30) m-Toluidine	4.072	106	101138	21.536	ug/ml	99
31) 2-Chloroaniline	4.383	127	98824	22.336	ug/ml	99
56) a-Terpineol	4.783	59	48503	24.480	ug/ml	87
57) 3-Chloroaniline	4.795	65	28293	22.756	ug/ml	98
58) 2,6-Dichlorophenol	4.818	162	81187	26.742	ug/ml#	92
59) 1-chloro-2-nitrobenzene	5.042	111	31149	23.912	ug/ml	93
60) Caprolactam	5.083	55	26019	25.259	ug/ml#	90
61) 1,2,4,5-Tetrachloroben...	5.494	216	111950	25.195	ug/ml	100
62) Biphenyl	5.758	154	224317	25.349	ug/ml	98
84) Dichloran	7.245	206	34285	30.180	ug/ml	84
85) Pentachloronitrobenzene	7.374	237	36741	28.538	ug/ml#	88
99) Diphenamid	8.326	167	172805	25.820	ug/ml#	69

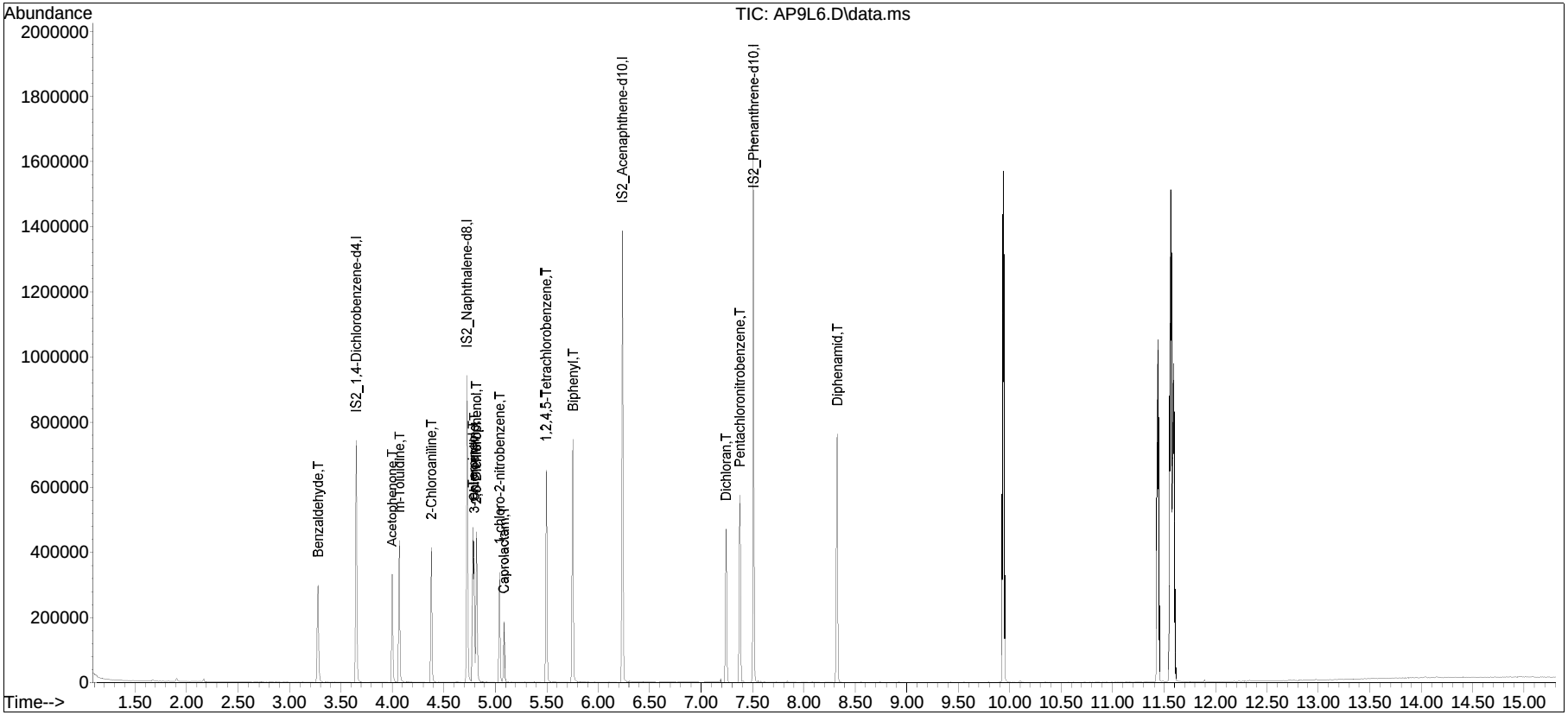
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L6.D
Acq On : 9 Dec 2025 10:20 pm
Operator : MORK:jg
Sample : IL15,32,,AP9L25 Lot# 12107
Misc : WG2152654,,
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 10 16:07:29 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistl\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: AP9L6.D	Operator	: MORK:jg
Date Inj'd	: 12/9/2025 10:20 pm	Instrument	: Mork
Sample	: IL15,32,,AP9L25 Lot# 12107	Quant Date	: 12/10/2025 2:59 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L5.D
Acq On : 9 Dec 2025 10:40 pm
Operator : MORK:jg
Sample : IL16,32,,AP9L10 Lot# 12108
Misc : WG2152654,,
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 10 16:06:50 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.649	152	101072	40.000	ug/ml	0.00
Standard Area 1 = 115486			Recovery =	87.52%		
55) IS2_Naphthalene-d8	4.724	136	344400	40.000	ug/ml	# 0.00
Standard Area 1 = 377197			Recovery =	91.31%		
83) IS2_Acenaphthene-d10	6.234	164	220518	40.000	ug/ml	0.00
Standard Area 1 = 241476			Recovery =	91.32%		
98) IS2_Phenanthrene-d10	7.509	188	490403	40.000	ug/ml	# 0.00
Standard Area 1 = 560507			Recovery =	87.49%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.279	105	21778	8.663	ug/ml	94
29) Acetophenone	4.002	105	36348	8.154	ug/ml#	87
30) m-Toluidine	4.072	106	36964	8.840	ug/ml	98
31) 2-Chloroaniline	4.383	127	35627	9.044	ug/ml	99
56) a-Terpineol	4.783	59	18447	10.136	ug/ml	87
57) 3-Chloroaniline	4.795	65	9924	8.690	ug/ml	89
58) 2,6-Dichlorophenol	4.818	162	29727	10.660	ug/ml	98
59) 1-chloro-2-nitrobenzene	5.042	111	11187	9.350	ug/ml	94
60) Caprolactam	5.077	55	9088	9.605	ug/ml#	90
61) 1,2,4,5-Tetrachloroben...	5.494	216	41996	10.290	ug/ml	100
62) Biphenyl	5.758	154	83920	10.325	ug/ml	98
84) Dichloran	7.245	206	11816	11.223	ug/ml	85
85) Pentachloronitrobenzene	7.374	237	13007	10.901	ug/ml#	89
99) Diphenamid	8.326	167	63096	10.425	ug/ml#	69

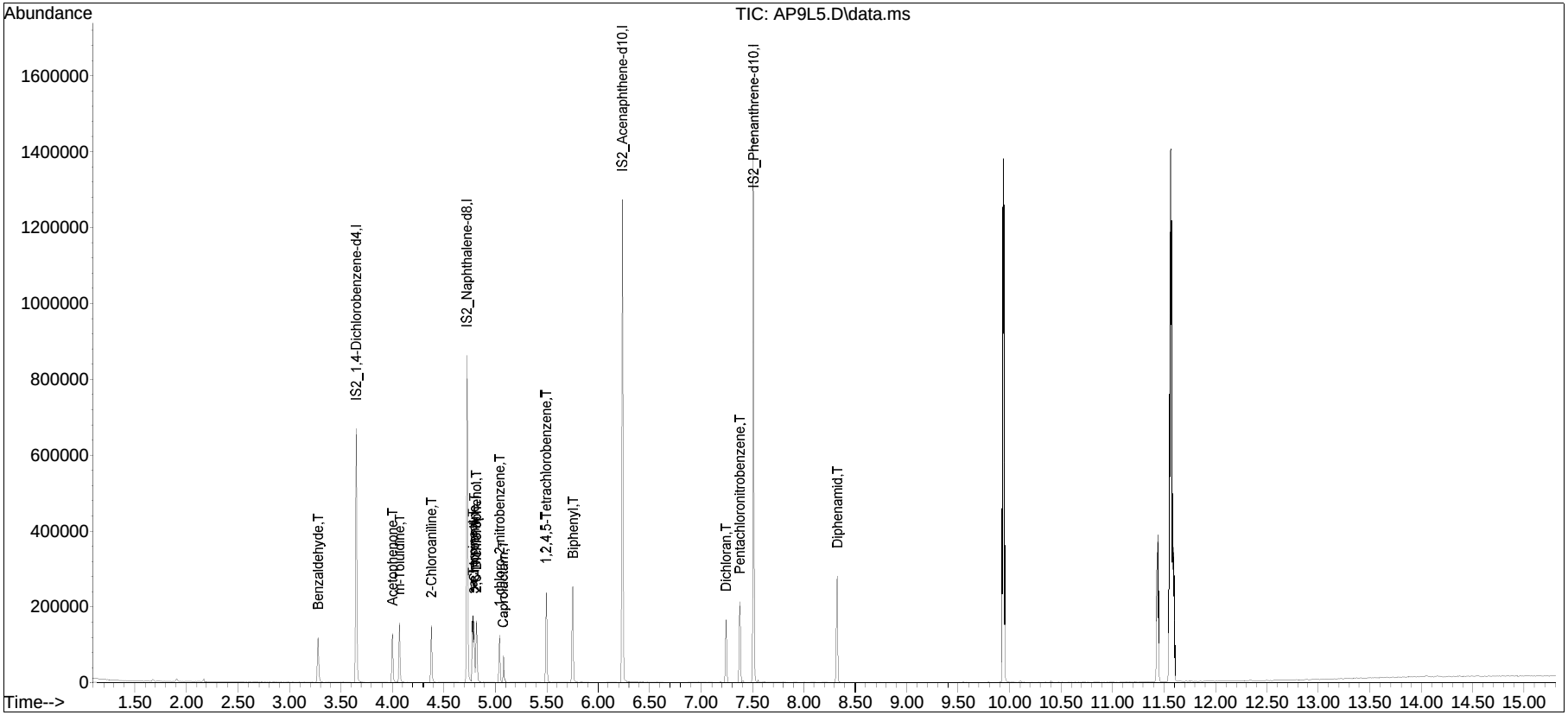
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L5.D
Acq On : 9 Dec 2025 10:40 pm
Operator : MORK:jg
Sample : IL16,32,,AP9L10 Lot# 12108
Misc : WG2152654,,
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 10 16:06:50 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistl\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: AP9L5.D	Operator	: MORK:jg
Date Inj'd	: 12/9/2025 10:40 pm	Instrument	: Mork
Sample	: IL16,32,,AP9L10 Lot# 12108	Quant Date	: 12/10/2025 2:58 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L4.D
Acq On : 9 Dec 2025 11:00 pm
Operator : MORK:jg
Sample : IL17,32,,AP9L5 Lot# 12109
Misc : WG2152654,,
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 10 15:47:11 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.649	152	120615	40.000	ug/ml	0.00
Standard Area 1 = 115486			Recovery	= 104.44%		
55) IS2_Naphthalene-d8	4.724	136	406815	40.000	ug/ml	# 0.00
Standard Area 1 = 377197			Recovery	= 107.85%		
83) IS2_Acenaphthene-d10	6.234	164	257042	40.000	ug/ml	0.00
Standard Area 1 = 241476			Recovery	= 106.45%		
98) IS2_Phenanthrene-d10	7.509	188	573034	40.000	ug/ml	# 0.00
Standard Area 1 = 560507			Recovery	= 102.23%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.279	105	12700	4.233	ug/ml	96
29) Acetophenone	4.002	105	21545	4.050	ug/ml#	86
30) m-Toluidine	4.072	106	20436	4.096	ug/ml	99
31) 2-Chloroaniline	4.383	127	20468	4.354	ug/ml	99
56) a-Terpineol	4.783	59	10304	4.793	ug/ml	87
57) 3-Chloroaniline	4.795	65	5726	4.245	ug/ml	96
58) 2,6-Dichlorophenol	4.818	162	16859	5.118	ug/ml	98
59) 1-chloro-2-nitrobenzene	5.042	111	6417	4.540	ug/ml	94
60) Caprolactam	5.077	55	5351	4.788	ug/ml#	91
61) 1,2,4,5-Tetrachloroben...	5.494	216	24124	5.004	ug/ml	100
62) Biphenyl	5.758	154	47803	4.979	ug/ml	98
84) Dichloran	7.245	206	6180	5.036	ug/ml	84
85) Pentachloronitrobenzene	7.374	237	7588	5.456	ug/ml#	87
99) Diphenamid	8.326	167	35047	4.956	ug/ml#	69

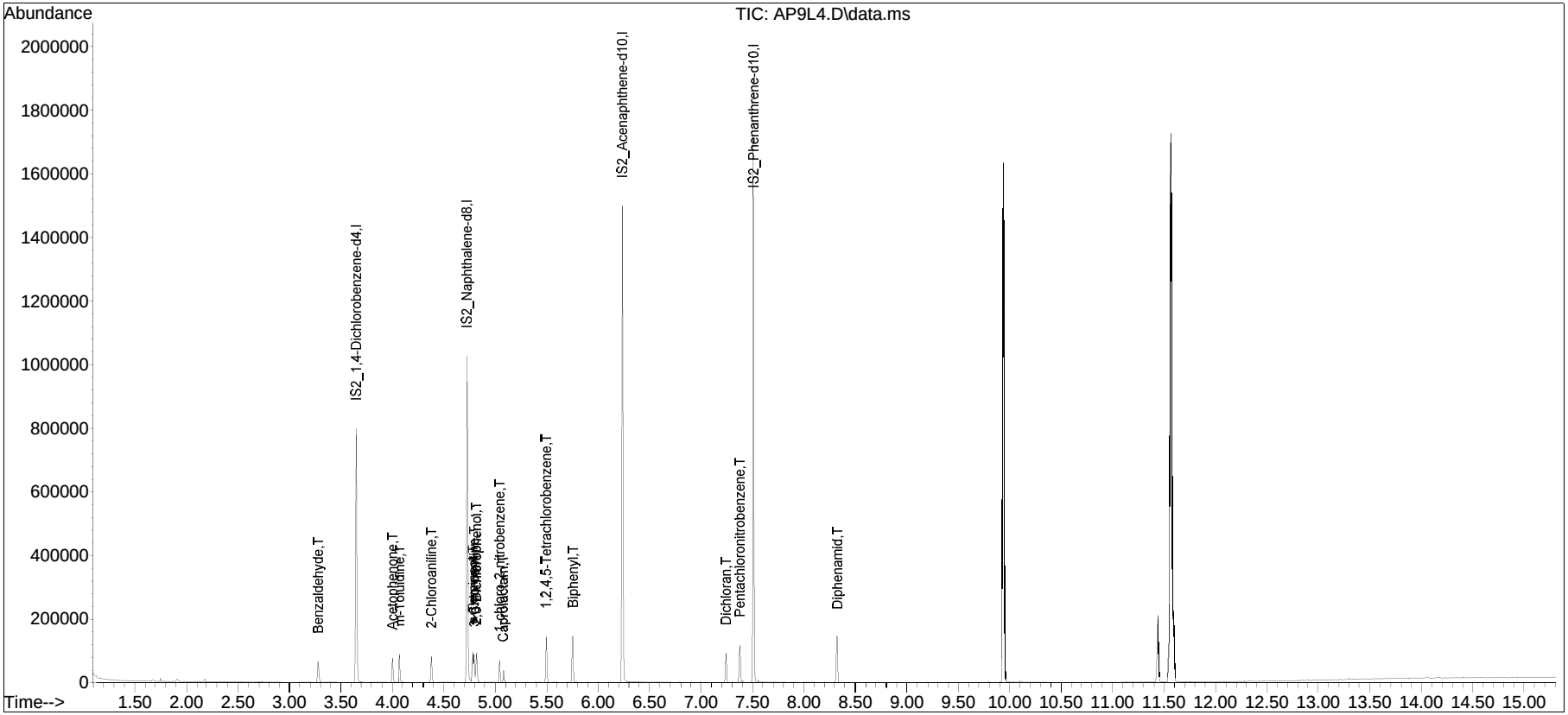
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L4.D
Acq On : 9 Dec 2025 11:00 pm
Operator : MORK:jg
Sample : IL17,32,,AP9L5 Lot# 12109
Misc : WG2152654,,
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 10 15:47:11 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistl\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: AP9L4.D	Operator	: MORK:jg
Date Inj'd	: 12/9/2025 11:00 pm	Instrument	: Mork
Sample	: IL17,32,,AP9L5 Lot# 12109	Quant Date	: 12/10/2025 2:58 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L3.D
Acq On : 9 Dec 2025 11:20 pm
Operator : MORK:jg
Sample : IL18,32,,AP9L3 Lot# 12110
Misc : WG2152654,,
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 10 15:46:34 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.649	152	108033	40.000	ug/ml	0.00
Standard Area 1 = 115486			Recovery =	93.55%		
55) IS2_Naphthalene-d8	4.724	136	352477	40.000	ug/ml	# 0.00
Standard Area 1 = 377197			Recovery =	93.45%		
83) IS2_Acenaphthene-d10	6.234	164	224131	40.000	ug/ml	0.00
Standard Area 1 = 241476			Recovery =	92.82%		
98) IS2_Phenanthrene-d10	7.509	188	510047	40.000	ug/ml	# 0.00
Standard Area 1 = 560507			Recovery =	91.00%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.279	105	6310	2.348	ug/ml	97
29) Acetophenone	4.001	105	11312	2.374	ug/ml#	85
30) m-Toluidine	4.072	106	10400	2.327	ug/ml	97
31) 2-Chloroaniline	4.383	127	10435	2.478	ug/ml	98
56) a-Terpineol	4.783	59	5391	2.894	ug/ml#	83
57) 3-Chloroaniline	4.795	65	3121	2.670	ug/ml	96
58) 2,6-Dichlorophenol	4.818	162	8670	3.038	ug/ml	98
59) 1-chloro-2-nitrobenzene	5.041	111	3370	2.752	ug/ml	93
60) Caprolactam	5.077	55	2896	2.991	ug/ml#	85
61) 1,2,4,5-Tetrachloroben...	5.494	216	12544	3.003	ug/ml	97
62) Biphenyl	5.758	154	25076	3.014	ug/ml	99
84) Dichloran	7.245	206	3274	3.059	ug/ml	87
85) Pentachloronitrobenzene	7.374	237	4050	3.339	ug/ml#	86
99) Diphenamid	8.320	167	19931	3.166	ug/ml#	68

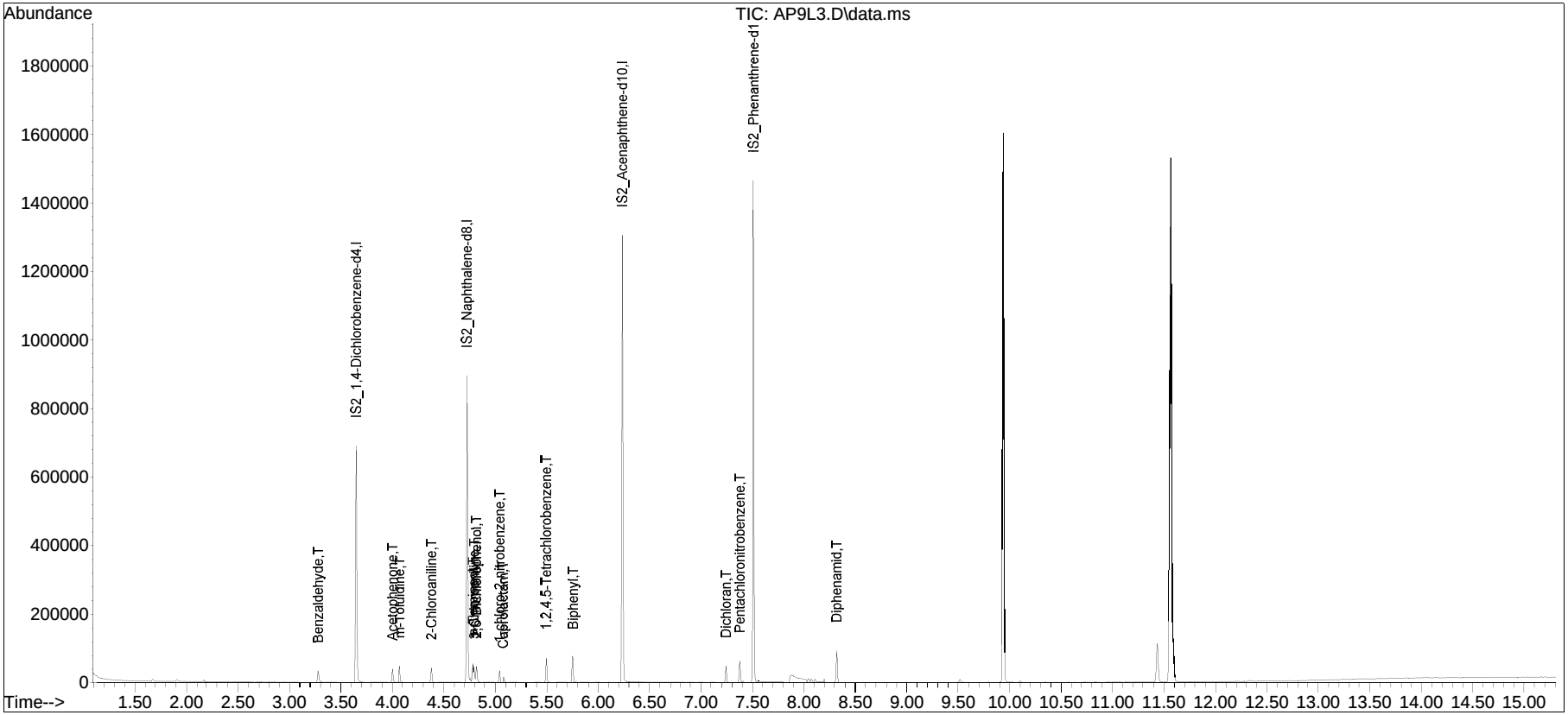
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L3.D
Acq On : 9 Dec 2025 11:20 pm
Operator : MORK:jg
Sample : IL18,32,,AP9L3 Lot# 12110
Misc : WG2152654,,
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 10 15:46:34 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistl\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: AP9L3.D	Operator	: MORK:jg
Date Inj'd	: 12/9/2025 11:20 pm	Instrument	: Mork
Sample	: IL18,32,,AP9L3 Lot# 12110	Quant Date	: 12/10/2025 2:58 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L2.D
Acq On : 9 Dec 2025 11:40 pm
Operator : MORK:jg
Sample : IL19,32,,AP9L2 Lot# 12111
Misc : WG2152654,,
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 10 15:45:56 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.649	152	104770	40.000	ug/ml	0.00
Standard Area 1 = 115486			Recovery =	90.72%		
55) IS2_Naphthalene-d8	4.724	136	348966	40.000	ug/ml	# 0.00
Standard Area 1 = 377197			Recovery =	92.52%		
83) IS2_Acenaphthene-d10	6.234	164	230217	40.000	ug/ml	0.00
Standard Area 1 = 241476			Recovery =	95.34%		
98) IS2_Phenanthrene-d10	7.509	188	516741	40.000	ug/ml	# 0.00
Standard Area 1 = 560507			Recovery =	92.19%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.279	105	4243	1.628	ug/ml	99
29) Acetophenone	4.001	105	7052	1.526	ug/ml#	86
30) m-Toluidine	4.072	106	6840	1.578	ug/ml	99
31) 2-Chloroaniline	4.383	127	6788	1.662	ug/ml	99
56) a-Terpineol	4.783	59	3295	1.787	ug/ml#	79
57) 3-Chloroaniline	4.795	65	2082	1.799	ug/ml	85
58) 2,6-Dichlorophenol	4.818	162	5811	2.057	ug/ml	94
59) 1-chloro-2-nitrobenzene	5.041	111	2060	1.699	ug/ml	91
60) Caprolactam	5.077	55	1858	1.938	ug/ml#	86
61) 1,2,4,5-Tetrachloroben...	5.494	216	8791	2.126	ug/ml	95
62) Biphenyl	5.758	154	15822	1.921	ug/ml	98
84) Dichloran	7.245	206	2056	1.870	ug/ml#	80
85) Pentachloronitrobenzene	7.374	237	2572	2.065	ug/ml#	83
99) Diphenamid	8.320	167	12216	1.916	ug/ml#	68

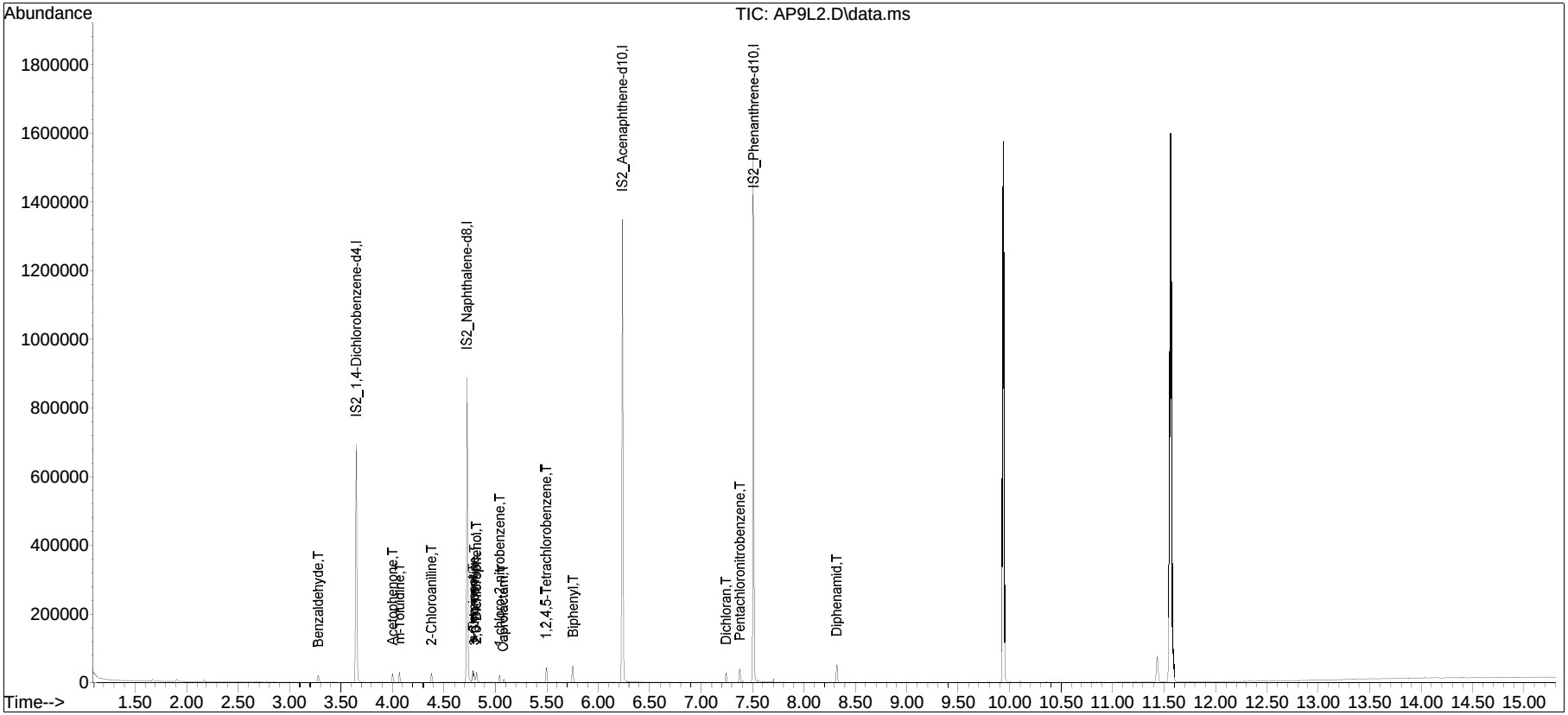
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L2.D
Acq On : 9 Dec 2025 11:40 pm
Operator : MORK:jg
Sample : IL19,32,,AP9L2 Lot# 12111
Misc : WG2152654,,
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 10 15:45:56 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistl\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: AP9L2.D	Operator	: MORK:jg
Date Inj'd	: 12/9/2025 11:40 pm	Instrument	: Mork
Sample	: IL19,32,,AP9L2 Lot# 12111	Quant Date	: 12/10/2025 2:58 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L1.D
Acq On : 10 Dec 2025 12:00 am
Operator : MORK:jg
Sample : IL20,32,,AP9L1 Lot# 12112
Misc : WG2152654,,
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 10 15:44:31 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.649	152	105201	40.000	ug/ml	0.00
Standard Area 1 = 115486			Recovery =	91.09%		
55) IS2_Naphthalene-d8	4.724	136	357741	40.000	ug/ml	# 0.00
Standard Area 1 = 377197			Recovery =	94.84%		
83) IS2_Acenaphthene-d10	6.234	164	230556	40.000	ug/ml	0.00
Standard Area 1 = 241476			Recovery =	95.48%		
98) IS2_Phenanthrene-d10	7.509	188	512887	40.000	ug/ml	# 0.00
Standard Area 1 = 560507			Recovery =	91.50%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.285	105	2075	0.793	ug/ml	99
29) Acetophenone	4.002	105	3590	0.774	ug/ml#	74
30) m-Toluidine	4.072	106	3352	0.770	ug/ml#	93
31) 2-Chloroaniline	4.384	127	3404	0.830	ug/ml	98
56) a-Terpineol	4.783	59	1790	0.947	ug/ml	99
57) 3-Chloroaniline	4.795	65	879	0.741	ug/ml	81
58) 2,6-Dichlorophenol	4.818	162	2966	1.024	ug/ml	93
59) 1-chloro-2-nitrobenzene	5.042	111	1100	0.885	ug/ml	92
60) Caprolactam	5.083	55	968	0.985	ug/ml#	49
61) 1,2,4,5-Tetrachloroben...	5.494	216	4116	0.971	ug/ml	97
62) Biphenyl	5.758	154	8240	0.976	ug/ml	98
84) Dichloran	7.245	206	913	0.829	ug/ml#	76
85) Pentachloronitrobenzene	7.374	237	1175	0.942	ug/ml#	87
99) Diphenamid	8.320	167	6047	0.955	ug/ml#	69

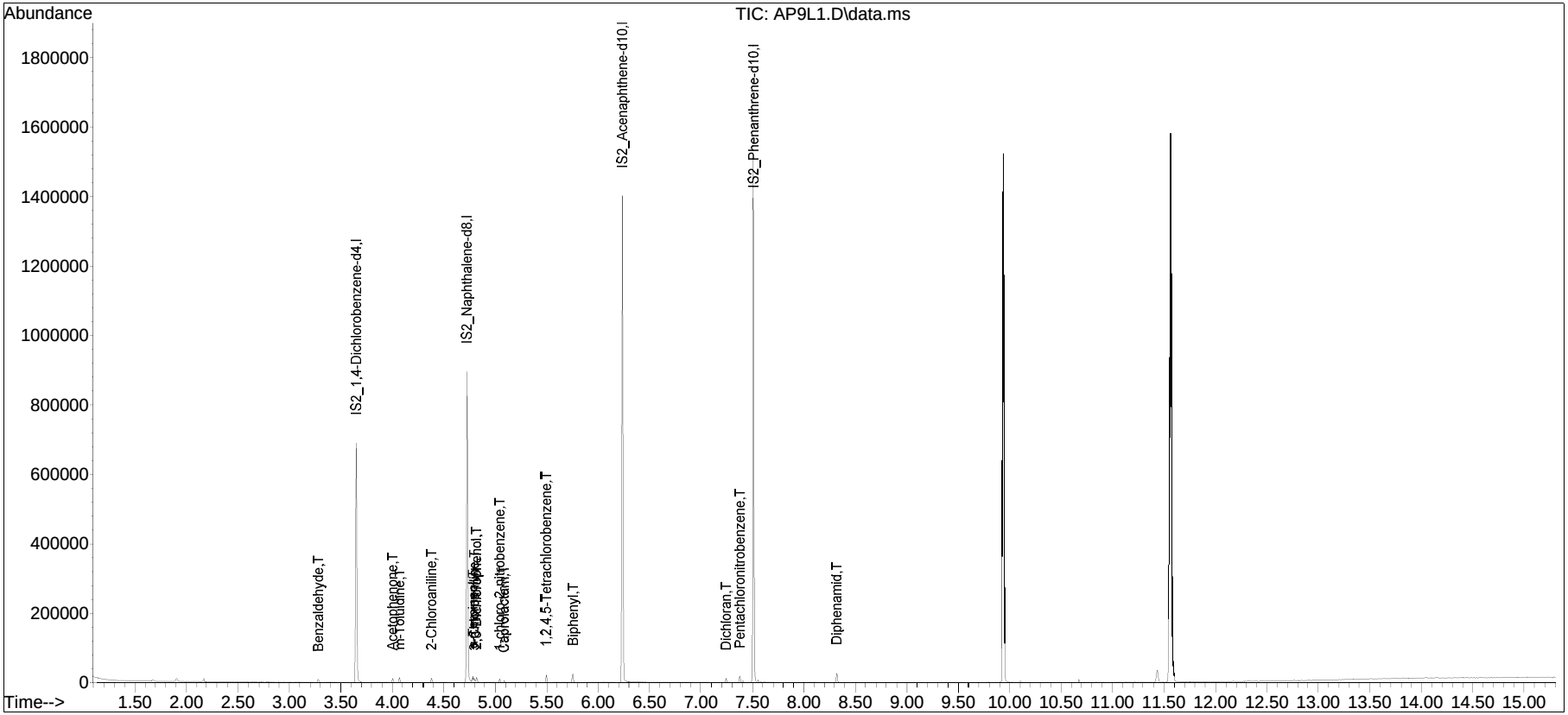
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L1.D
Acq On : 10 Dec 2025 12:00 am
Operator : MORK:jg
Sample : IL20,32,,AP9L1 Lot# 12112
Misc : WG2152654,,
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 10 15:44:31 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistl\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: AP9L1.D	Operator	: MORK:jg
Date Inj'd	: 12/10/2025 12:00 am	Instrument	: Mork
Sample	: IL20,32,,AP9L1 Lot# 12112	Quant Date	: 12/10/2025 2:57 pm

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\8270\Mork\251209ical\
Data File : ABNICV.D
Acq On : 10 Dec 2025 12:20 am
Operator : MORK:jg
Sample : CQICV1,32,,ABNICV Lot# 12049
Misc : WG2152654,,
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 11 12:54:09 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Dec 11 12:54:46 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	IS1_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
2	t	n-Nitrosodimethylamine	0.593	0.609	-2.7	90	0.00
3	t	Pyridine	1.050	1.106	-5.3	93	0.00
4	S	2-Fluorophenol	0.961	0.971	-1.0	89	0.00
5	T	Aniline	1.590	1.485	6.6	81	0.00
6	t	2-Chlorophenol	1.150	1.113	3.2	84	0.00
7	S	Phenol-d6	1.192	1.186	0.5	85	0.00
8	T	Phenol	1.240	1.238	0.2	86	0.00
9	T	Bis(2-chloroethyl)ether	0.910	0.859	5.6	86	0.00
10	T	1,3-Dichlorobenzene	1.442	1.393	3.4	87	0.00
11	T	1,4-Dichlorobenzene	1.443	1.447	-0.3	90	0.00
12	T	1,2-Dichlorobenzene	1.382	1.353	2.1	89	0.00
13	t	Benzyl alcohol	0.863	0.875	-1.4	84	0.00
14	T	Bis(2-chloroisopropyl)ether	1.173	1.098	6.4	82	0.00
15	T	2-Methylphenol	0.945	0.928	1.8	83	0.00
16	T	Hexachloroethane	0.528	0.505	4.4	85	0.00
17	T	n-Nitrosodi-n-propylamine	0.735	0.710	3.4	84	0.00
18	T	3-Methylphenol/4-Methylphen	1.001	1.007	-0.6	86	0.00
19	S	Nitrobenzene-d5	1.065	1.027	3.6	84	0.00
20	T	Nitrobenzene	1.084	1.039	4.2	84	0.00
21	T	Isophorone	1.943	1.861	4.2	83	0.00
22	T	2-Nitrophenol	0.613	0.610	0.5	85	0.00
23	T	2,4-Dimethylphenol	1.128	1.108	1.8	85	0.00
24	T	Bis(2-chloroethoxy)methane	1.215	1.171	3.6	84	0.00
25	T	2,4-Dichlorophenol	1.200	1.217	-1.4	85	0.00
26	T	1,2,4-Trichlorobenzene	1.459	1.446	0.9	88	0.00
35	I	IS1_Naphthalene-d8	1.000	1.000	0.0	87	0.00
36	T	Naphthalene	0.989	0.975	1.4	88	0.00
37	T	Benzoic Acid	0.239	0.234	2.1	82	0.00
38	T	4-Chloroaniline	0.106	0.106	0.0	83	0.00
39	T	Hexachlorobutadiene	0.286	0.278	2.8	87	0.00
40	T	p-Chloro-m-cresol	0.283	0.284	-0.4	85	0.00
41	T	2-Methylnaphthalene	0.668	0.666	0.3	86	0.00
42	T	1-Methylnaphthalene	0.244	0.238	2.5	86	0.00
43	T	Hexachlorocyclopentadiene	0.315	0.342	-8.6	85	0.00
44	T	2,4,6-Trichlorophenol	0.301	0.304	-1.0	86	0.00
45	T	2,4,5-Trichlorophenol	0.331	0.343	-3.6	87	0.00
46	S	2-Fluorobiphenyl	0.975	0.970	0.5	88	0.00

Data Path : I:\8270\Mork\251209ical\
Data File : ABNICV.D
Acq On : 10 Dec 2025 12:20 am
Operator : MORK:jg
Sample : CQICV1,32,,ABNICV Lot# 12049
Misc : WG2152654,,
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 11 12:54:09 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Dec 11 12:54:46 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47	T	2-Chloronaphthalene	0.797	0.803	-0.8	88	0.00
48	T	2-Nitroaniline	0.220	0.232	-5.5	87	0.00
49	T	1,4-Dinitrobenzene	0.102	0.112	-9.8	88	0.00
50	T	1,3-Dinitrobenzene	0.118	0.122	-3.4	85	0.00
51	T	Dimethyl phthalate	0.961	0.946	1.6	87	0.00
52	T	Acenaphthylene	1.254	1.286	-2.6	90	0.00
53	T	2,6-Dinitrotoluene	0.196	0.199	-1.5	87	0.00
54	T	1,2-Dinitrobenzene	0.073	0.076	-4.1	89	0.00
63	I	IS1_Acenaphthene-d10	1.000	1.000	0.0	86	0.00
64	T	3-Nitroaniline	0.308	0.321	-4.2	89	0.00
65	T	Acenaphthene	1.109	1.096	1.2	89	0.00
66	T	2,4-Dinitrophenol	0.198	0.201	-1.5	84	0.00
67	T	Dibenzofuran	1.868	1.864	0.2	89	0.00
68	T	2,4-Dinitrotoluene	0.428	0.448	-4.7	88	0.00
69	T	4-Nitrophenol	0.209	0.220	-5.3	86	0.00
70	T	2,3,5,6-Tetrachlorophenol	0.456	0.474	-3.9	86	0.00
71	T	2,3,4,6-Tetrachlorophenol	0.452	0.474	-4.9	89	0.00
72	T	Diethyl phthalate	1.483	1.493	-0.7	88	0.00
73	T	Fluorene	1.469	1.493	-1.6	87	0.00
74	T	4-Chlorophenyl phenyl ether	0.771	0.759	1.6	86	0.00
75	T	4-Nitroaniline	0.298	0.323	-8.4	91	0.00
76	T	4,6-Dinitro-o-cresol	0.258	0.292	-13.2	87	0.00
77	T	NDPA/DPA	1.267	1.283	-1.3	91	0.00
78	T	Azobenzene	1.100	1.069	2.8	85	0.00
79	S	2,4,6-Tribromophenol	0.321	0.336	-4.7	90	0.00
80	T	4-Bromophenyl phenyl ether	0.540	0.542	-0.4	87	0.00
81	T	Hexachlorobenzene	0.664	0.681	-2.6	90	0.00
82	T	Pentachlorophenol	0.364	0.417	-14.6	90	0.00
88	I	IS1_Phenanthrene-d10	1.000	1.000	0.0	91	0.00
89	T	Phenanthrene	1.081	1.031	4.6	89	0.00
90	T	Anthracene	1.088	1.059	2.7	90	0.00
91	T	Carbazole	1.001	0.981	2.0	91	0.00
92	T	Di-n-butylphthalate	1.147	1.115	2.8	87	0.00
93	T	Fluoranthene	1.353	1.326	2.0	89	0.00
94	T	Benzidine	0.920	0.900	2.2	86	0.00
95	T	Pyrene	1.414	1.378	2.5	89	0.00
96	S	4-Terphenyl-d14	1.096	1.093	0.3	90	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\Mork\251209ical\
Data File : ABNICV.D
Acq On : 10 Dec 2025 12:20 am
Operator : MORK:jg
Sample : CQICV1,32,,ABNICV Lot# 12049
Misc : WG2152654,,
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 11 12:54:09 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Dec 11 12:54:46 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
97	T	Butyl benzyl phthalate	0.548	0.551	-0.5	87	0.00
104	I	IS1_Chrysene-d12	1.000	1.000	0.0	91	0.00
105	T	Benzo(a)anthracene	1.311	1.251	4.6	90	0.00
106	T	3,3'-Dichlorobenzidine	0.548	0.528	3.6	87	0.00
107	T	Chrysene	1.189	1.167	1.9	92	0.00
108	T	Bis(2-ethylhexyl)phthalate	0.675	0.683	-1.2	91	0.00
109	T	Di-n-octylphthalate	1.200	1.218	-1.5	90	0.00
110	T	Benzo(b)fluoranthene	1.426	1.381	3.2	92	0.00
111	T	Benzo(k)fluoranthene	1.294	1.307	-1.0	91	0.00
112	T	Benzo(a)pyrene	1.330	1.358	-2.1	95	0.00
113	I	IS1_Perylene-d12	1.000	1.000	0.0	95	0.00
114	T	Indeno(1,2,3-cd)pyrene	1.220	1.219	0.1	95	0.00
115	T	Dibenzo(a,h)anthracene	1.166	1.203	-3.2	96	0.00
116	T	Benzo(ghi)perylene	1.164	1.140	2.1	93	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNICV.D
Acq On : 10 Dec 2025 12:20 am
Operator : MORK:jg
Sample : CQICV1,32,,ABNICV Lot# 12049
Misc : WG2152654,,
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 11 12:54:09 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Dec 11 12:54:46 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.649	152	104908	40.000	ug/ml	0.00
Standard Area 1 = 117810			Recovery = 89.05%			
35) IS1_Naphthalene-d8	4.730	136	354314	40.000	ug/ml	# 0.00
Standard Area 1 = 407331			Recovery = 86.98%			
63) IS1_Acenaphthene-d10	6.240	164	225386	40.000	ug/ml	0.00
Standard Area 1 = 261152			Recovery = 86.30%			
88) IS1_Phenanthrene-d10	7.509	188	528400	40.000	ug/ml	# 0.00
Standard Area 1 = 581810			Recovery = 90.82%			
104) IS1_Chrysene-d12	9.942	240	646021	40.000	ug/ml	# 0.00
Standard Area 1 = 706656			Recovery = 91.42%			
113) IS1_Perylene-d12	11.569	264	793921	40.000	ug/ml	0.00
Standard Area 1 = 833118			Recovery = 95.30%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.574	112	127342	50.518	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 101.04%			
7) Phenol-d6	3.391	99	155472	49.746	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 99.49%			
19) Nitrobenzene-d5	4.119	82	134723	48.244	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 192.98%#			
46) 2-Fluorobiphenyl	5.676	172	429663	49.758	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 199.03%#			
79) 2,4,6-Tribromophenol	6.922	330	94571	52.366	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 104.73%			
96) 4-Terphenyl-d14	8.925	244	721824	49.843	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 199.37%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.469	74	79840	51.349	ug/ml	97
3) Pyridine	1.493	79	145035	52.671	ug/ml#	80
5) Aniline	3.379	93	194681	46.698	ug/ml#	67
6) 2-Chlorophenol	3.473	128	145929	48.384	ug/ml	98
8) Phenol	3.402	94	162332M6	49.906	ug/ml	
9) Bis(2-chloroethyl)ether	3.449	93	112683	47.198	ug/ml	99
10) 1,3-Dichlorobenzene	3.596	146	182733	48.314	ug/ml	98
11) 1,4-Dichlorobenzene	3.661	146	189815	50.141	ug/ml	99
12) 1,2-Dichlorobenzene	3.790	146	177414	48.955	ug/ml	98
13) Benzyl alcohol	3.784	79	114758	50.709	ug/ml	96
14) Bis(2-chloroisopropyl)...	3.908	45	143989	46.798	ug/ml#	88

Data Path : I:\8270\Mork\251209ical\
Data File : ABNICV.D
Acq On : 10 Dec 2025 12:20 am
Operator : MORK:jg
Sample : CQICV1,32,,ABNICV Lot# 12049
Misc : WG2152654,,
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 11 12:54:09 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Dec 11 12:54:46 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	3.908	108	121709	49.125	ug/ml	97
16) Hexachloroethane	4.072	117	66203	47.833	ug/ml#	59
17) n-Nitrosodi-n-propylamine	4.019	70	93129	48.316	ug/ml#	93
18) 3-Methylphenol/4-Methy...	4.043	108	132101	50.323	ug/ml	96
20) Nitrobenzene	4.137	77	136196	47.887	ug/ml	97
21) Isophorone	4.348	82	244096	47.911	ug/ml	99
22) 2-Nitrophenol	4.413	139	79932	49.683	ug/ml#	91
23) 2,4-Dimethylphenol	4.489	107	145315	49.110	ug/ml	94
24) Bis(2-chloroethoxy)met...	4.560	93	153515	48.189	ug/ml#	97
25) 2,4-Dichlorophenol	4.630	162	159646	50.728	ug/ml	97
26) 1,2,4-Trichlorobenzene	4.689	180	189676	49.553	ug/ml	99
36) Naphthalene	4.742	128	431659	49.276	ug/ml	100
37) Benzoic Acid	4.613	105	103759M3	48.959	ug/ml	
38) 4-Chloroaniline	4.812	65	46830	49.945	ug/ml	95
39) Hexachlorobutadiene	4.877	225	123007	48.555	ug/ml	99
40) p-Chloro-m-cresol	5.265	107	125688	50.091	ug/ml	99
41) 2-Methylnaphthalene	5.347	142	294986	49.847	ug/ml	94
42) 1-Methylnaphthalene	5.429	115	105441	48.771	ug/ml	93
43) Hexachlorocyclopentadiene	5.494	237	151356	54.240	ug/ml	99
44) 2,4,6-Trichlorophenol	5.606	196	134853	50.641	ug/ml	100
45) 2,4,5-Trichlorophenol	5.635	196	151853	51.861	ug/ml	99
47) 2-Chloronaphthalene	5.758	162	355843	50.405	ug/ml	98
48) 2-Nitroaniline	5.864	138	102673	52.801	ug/ml	96
49) 1,4-Dinitrobenzene	5.993	168	49755	55.235	ug/ml	85
50) 1,3-Dinitrobenzene	6.058	168	54098	51.930	ug/ml	89
51) Dimethyl phthalate	6.052	163	418989	49.209	ug/ml#	98
52) Acenaphthylene	6.111	152	569457	51.281	ug/ml	99
53) 2,6-Dinitrotoluene	6.087	165	88219	50.729	ug/ml	91
54) 1,2-Dinitrobenzene	6.123	168	33676	52.222	ug/ml	98
64) 3-Nitroaniline	6.223	138	90382	52.014	ug/ml#	98
65) Acenaphthene	6.264	154	308889	49.418	ug/ml	94
66) 2,4-Dinitrophenol	6.322	184	56671	50.712	ug/ml#	88
67) Dibenzofuran	6.417	168	525142	49.898	ug/ml#	80
68) 2,4-Dinitrotoluene	6.434	165	126252	52.376	ug/ml#	76
69) 4-Nitrophenol	6.411	65	61954	52.724	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	6.505	232	133490	51.953	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	6.540	232	133671	52.516	ug/ml	98
72) Diethyl phthalate	6.663	149	420703	50.358	ug/ml	100
73) Fluorene	6.710	166	420492	50.810	ug/ml	92
74) 4-Chlorophenyl phenyl ...	6.728	204	213881	49.203	ug/ml	98

Data Path : I:\8270\Mork\251209ical\
Data File : ABNICV.D
Acq On : 10 Dec 2025 12:20 am
Operator : MORK:jg
Sample : CQICV1,32,,ABNICV Lot# 12049
Misc : WG2152654,,
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 11 12:54:09 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Dec 11 12:54:46 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	6.751	138	90996	54.245	ug/ml#	87
76)	4,6-Dinitro-o-cresol	6.787	198	82269	56.528	ug/ml#	82
77)	NDPA/DPA	6.840	169	361488	50.634	ug/ml	94
78)	Azobenzene	6.863	77	301095	48.594	ug/ml#	93
80)	4-Bromophenyl phenyl e...	7.145	248	152782	50.254	ug/ml	97
81)	Hexachlorobenzene	7.192	284	191814	51.273	ug/ml	92
82)	Pentachlorophenol	7.368	266	117610	57.289	ug/ml	99
89)	Phenanthrene	7.527	178	681234	47.687	ug/ml	99
90)	Anthracene	7.574	178	699344	48.676	ug/ml	99
91)	Carbazole	7.727	167	647692	48.979	ug/ml	98
92)	Di-n-butylphthalate	8.085	149	736436	48.622	ug/ml	99
93)	Fluoranthene	8.555	202	876097	49.004	ug/ml#	91
94)	Benzidine	8.702	184	594744	48.930	ug/ml#	94
95)	Pyrene	8.743	202	909974	48.710	ug/ml	99
97)	Butyl benzyl phthalate	9.431	149	363792	50.246	ug/ml	89
105)	Benzo(a)anthracene	9.936	228	1009883	47.686	ug/ml	99
106)	3,3'-Dichlorobenzidine	9.942	252	426342	48.211	ug/ml#	96
107)	Chrysene	9.971	228	941994	49.064	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	10.095	149	551453	50.549	ug/ml#	92
109)	Di-n-octylphthalate	10.853	149	983395	50.760	ug/ml#	92
110)	Benzo(b)fluoranthene	11.140	252	1115177	48.428	ug/ml#	93
111)	Benzo(k)fluoranthene	11.176	252	1055160	50.492	ug/ml#	93
112)	Benzo(a)pyrene	11.505	252	1096584M6	51.061	ug/ml	
114)	Indeno(1,2,3-cd)pyrene	12.733	276	1209847	49.960	ug/mL#	84
115)	Dibenzo(a,h)anthracene	12.768	278	1194052	51.578	ug/ml#	90
116)	Benzo(ghi)perylene	12.997	276	1131037	48.951	ug/ml#	86

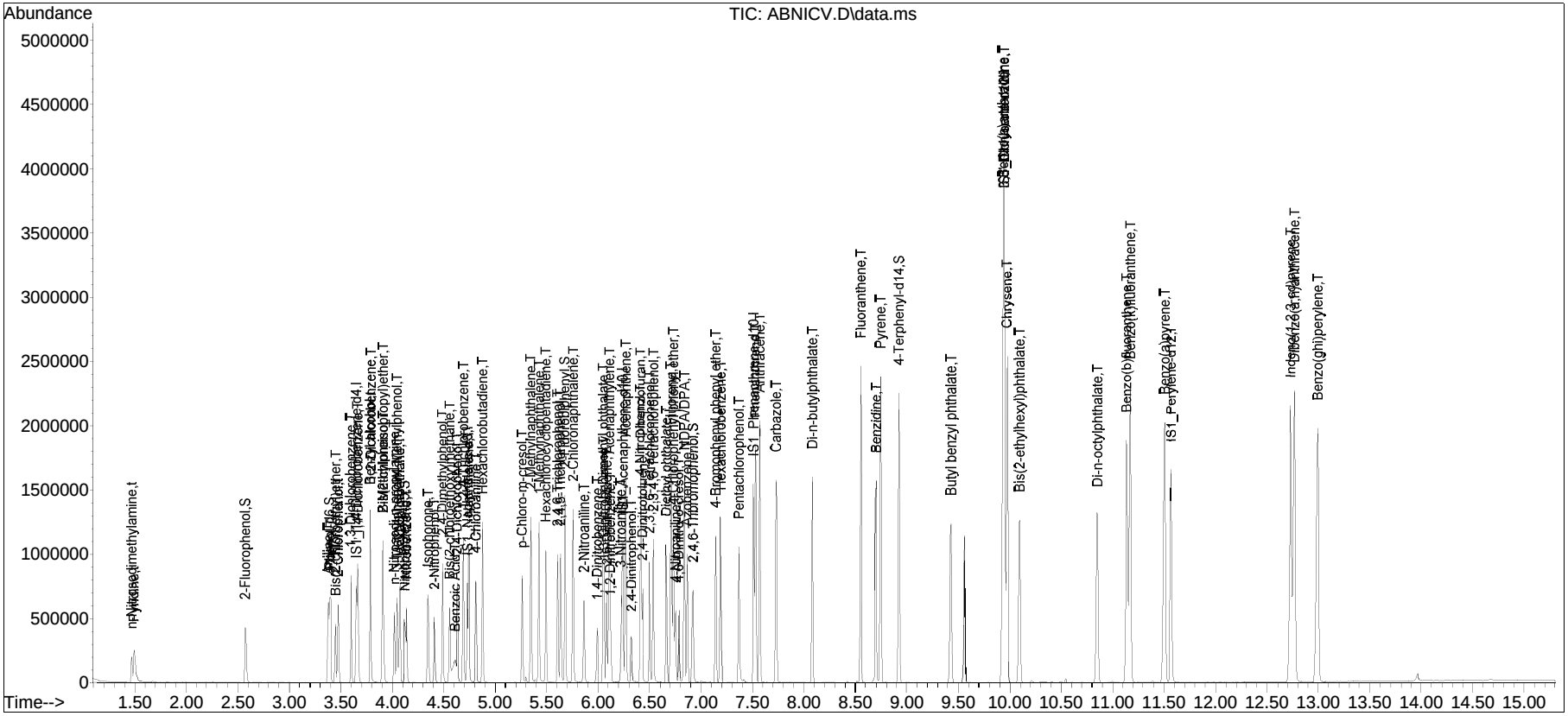
(#) = qualifier out of range (m) = manual integration (+) = signals summed

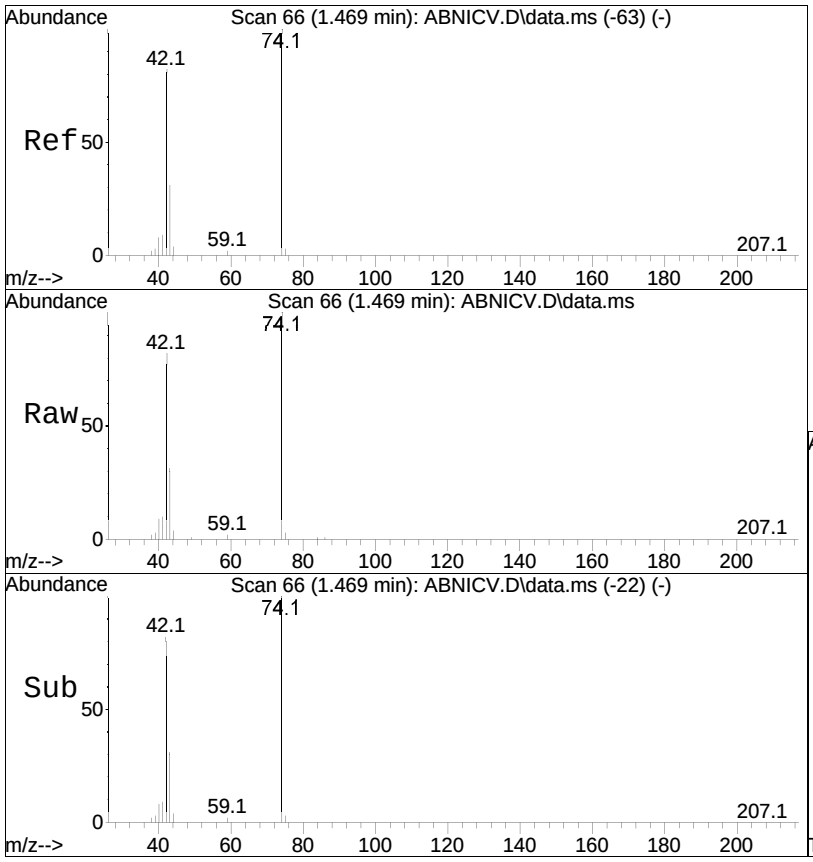
Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNICV.D
Acq On : 10 Dec 2025 12:20 am
Operator : MORK:jg
Sample : CQICV1,32,,ABNICV Lot# 12049
Misc : WG2152654,,
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 11 12:54:09 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Dec 11 12:54:46 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublistl\ABNL7.D•

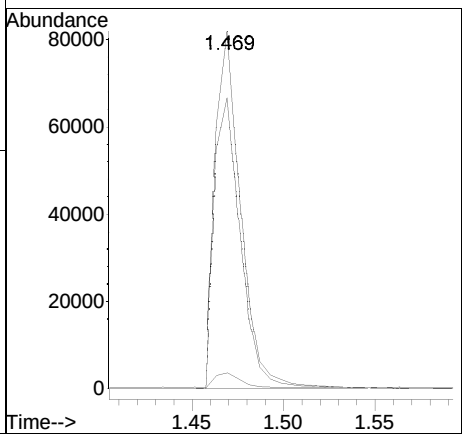


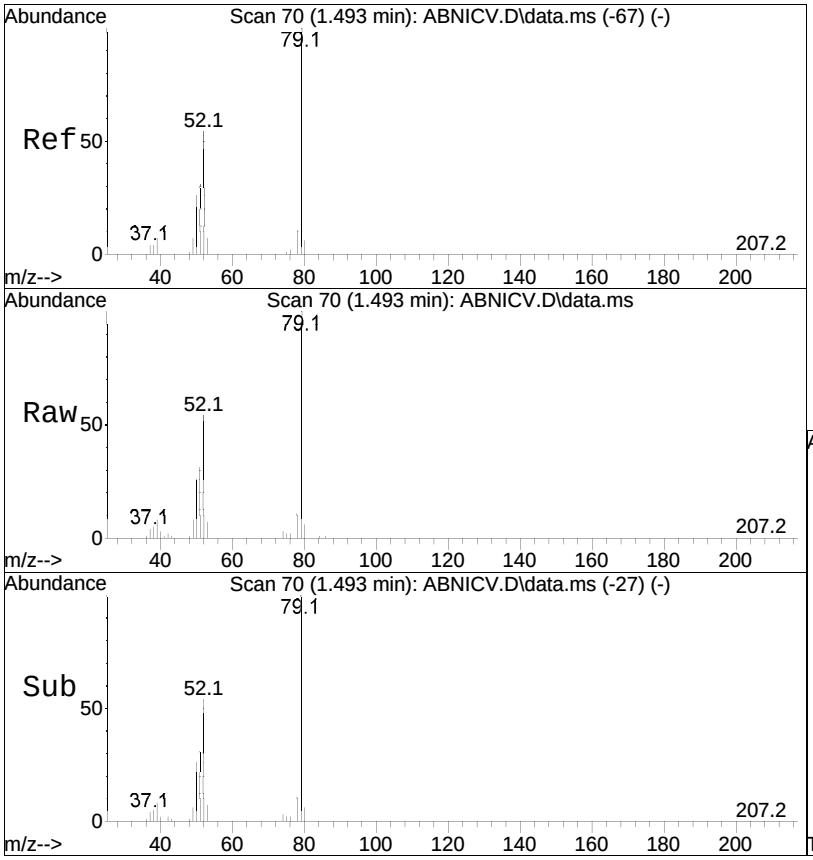


#2
n-Nitrosodimethylamine
Concen: 51.35 ug/ml
RT: 1.469 min Scan# 66
Delta R.T. 0.006 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 74 Resp: 79840

Ion	Ratio	Lower	Upper
74	100		
42	83.8	69.4	104.2
44	4.0	3.5	5.3

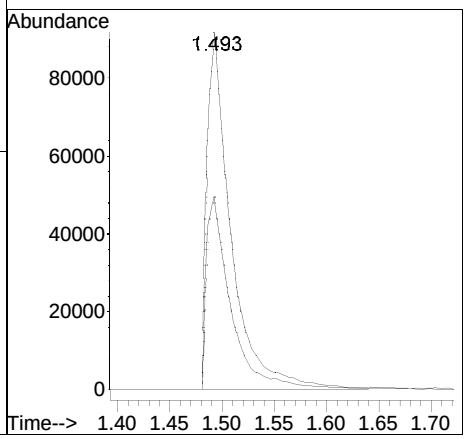


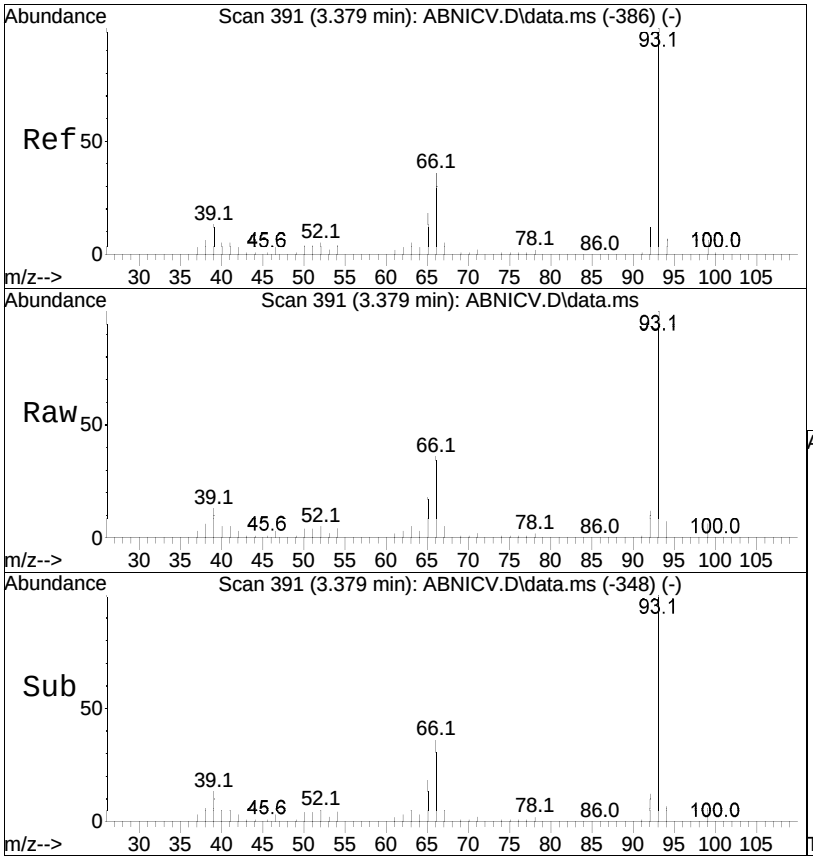


#3
Pyridine
Concen: 52.67 ug/ml
RT: 1.493 min Scan# 70
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 79 Resp: 145035

Ion	Ratio	Lower	Upper
79	100		
52	54.6	56.6	85.0#

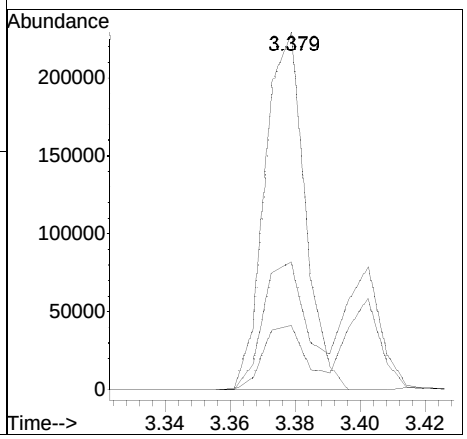


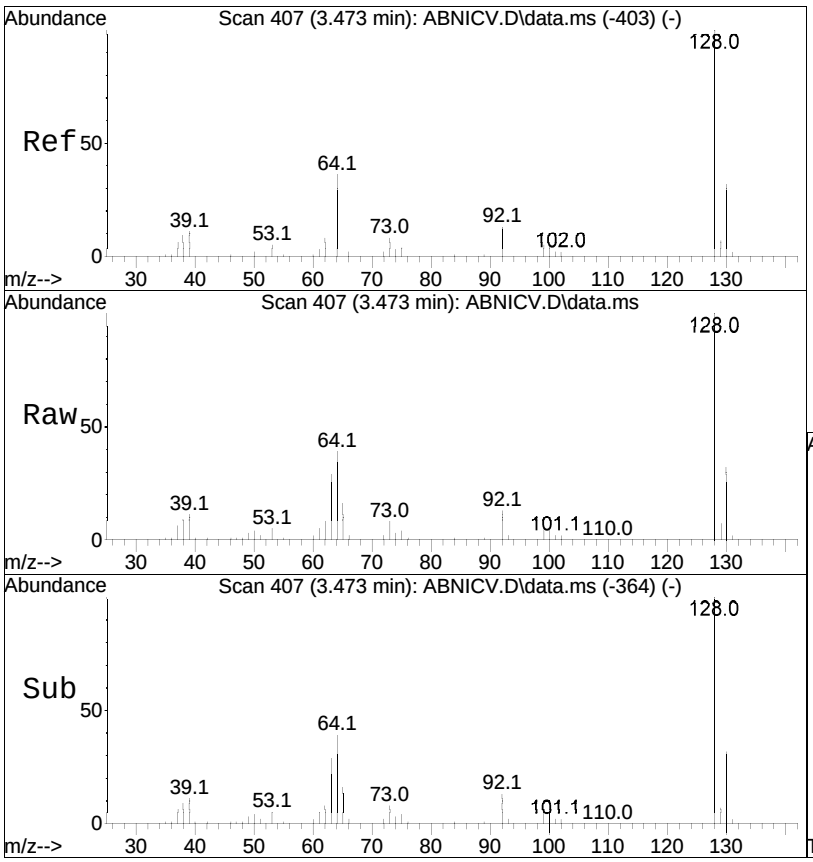


#5
Aniline
Concen: 46.70 ug/ml
RT: 3.379 min Scan# 391
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 93 Resp: 194681

Ion	Ratio	Lower	Upper
93	100		
66	41.2	53.5	80.3#
65	20.3	34.4	51.6#

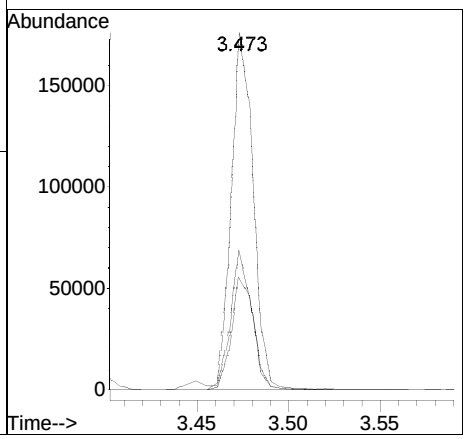


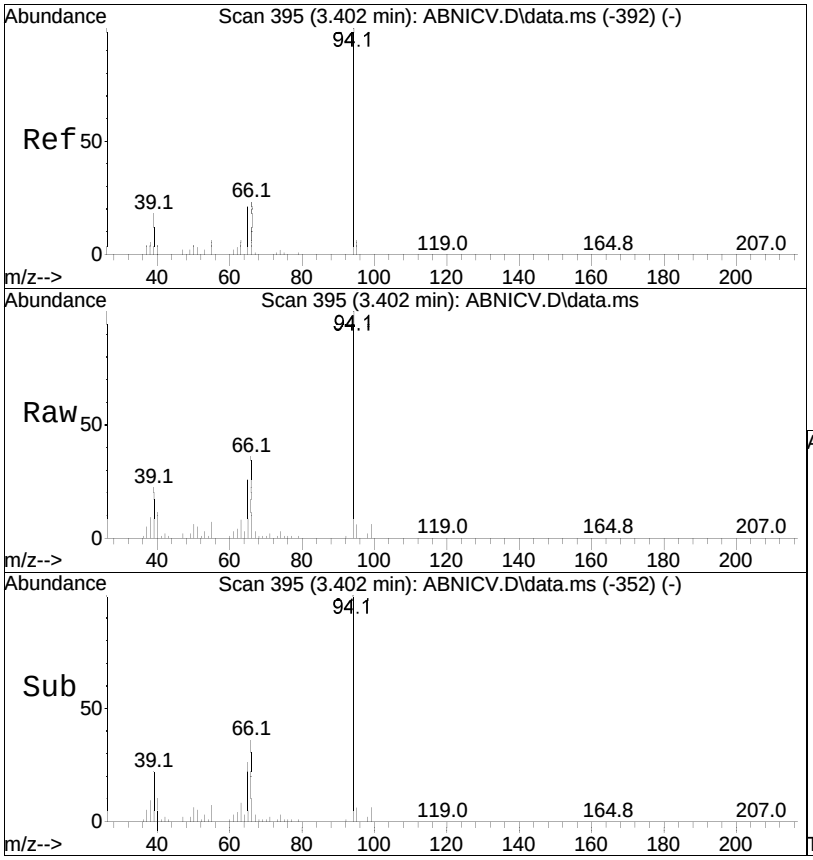


#6
2-Chlorophenol
Concen: 48.38 ug/ml
RT: 3.473 min Scan# 407
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:128 Resp: 145929

Ion	Ratio	Lower	Upper
128	100		
64	39.3	33.5	50.3
130	32.6	25.9	38.9

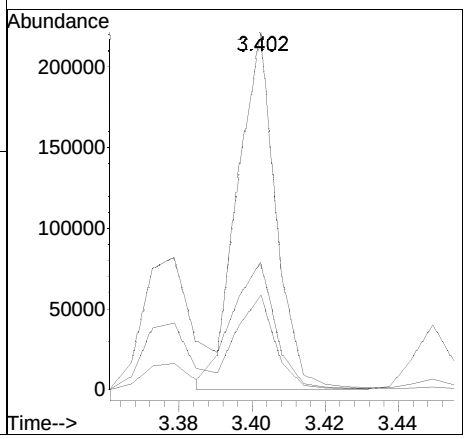


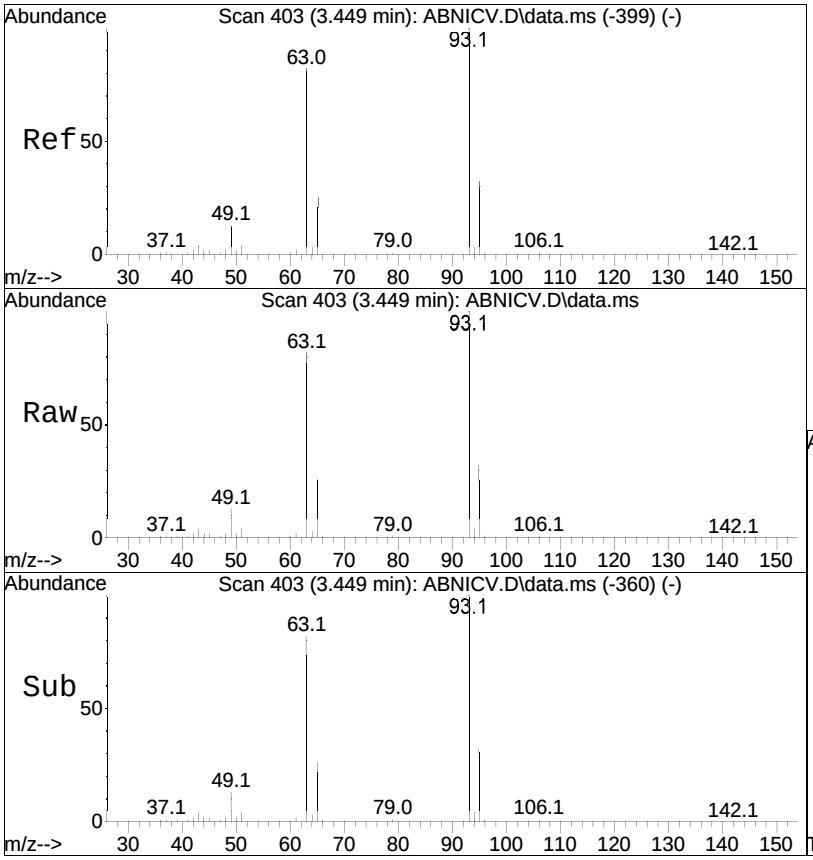


#8
Phenol
Concen: 49.91 ug/ml M6
RT: 3.402 min Scan# 395
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 94 Resp: 162332

Ion	Ratio	Lower	Upper
94	100		
65	25.9	38.8	58.2#
66	36.0	60.3	90.5#

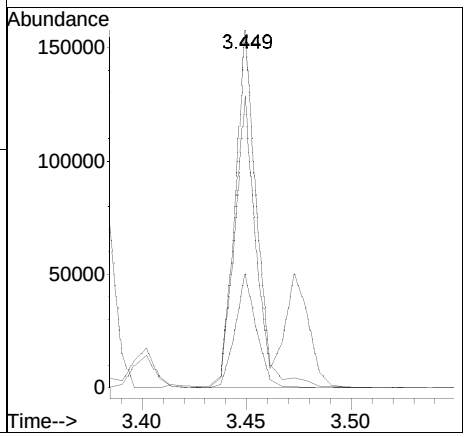


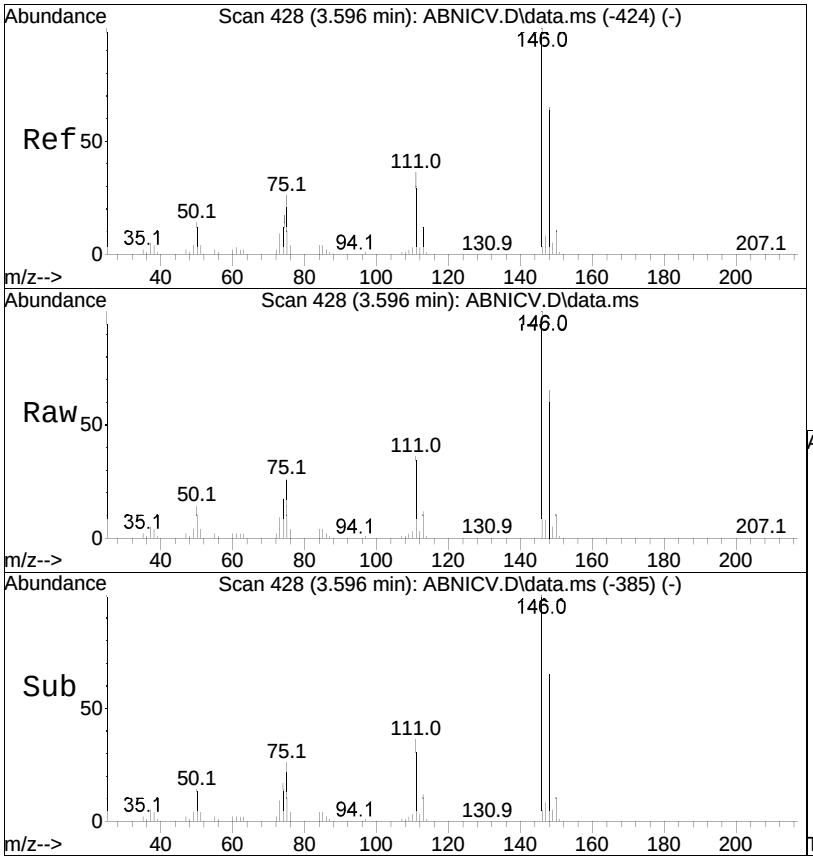


#9
Bis(2-chloroethyl)ether
Concen: 47.20 ug/ml
RT: 3.449 min Scan# 403
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 93 Resp: 112683

Ion	Ratio	Lower	Upper
93	100		
63	78.5	63.0	94.6
95	31.8	26.3	39.5

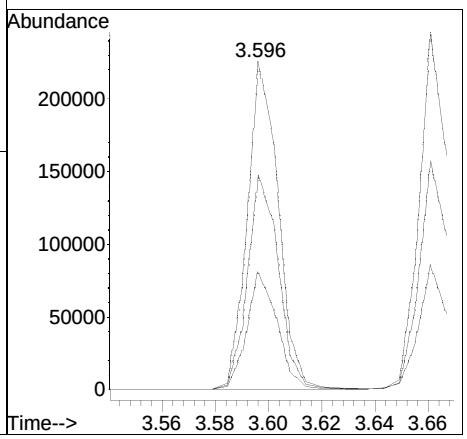


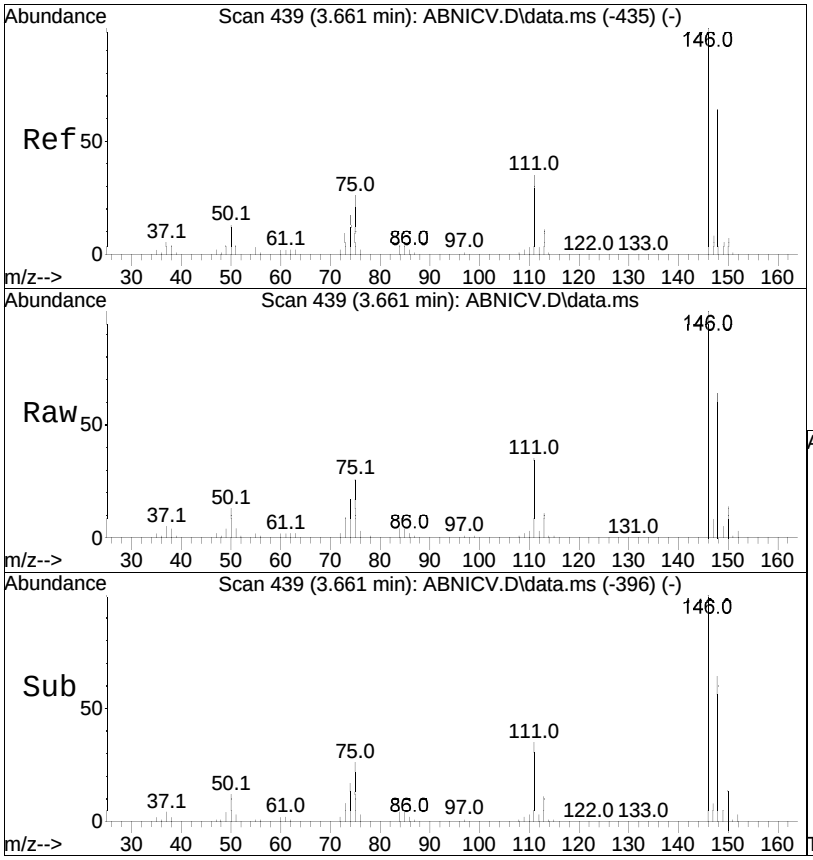


#10
1,3-Dichlorobenzene
Concen: 48.31 ug/ml
RT: 3.596 min Scan# 428
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:146 Resp: 182733

Ion	Ratio	Lower	Upper
146	100		
111	35.1	30.0	45.0
148	65.4	52.6	78.8

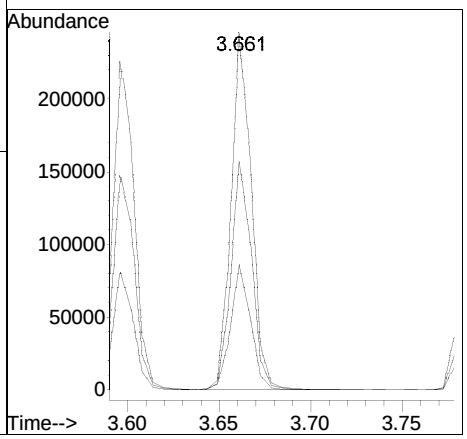


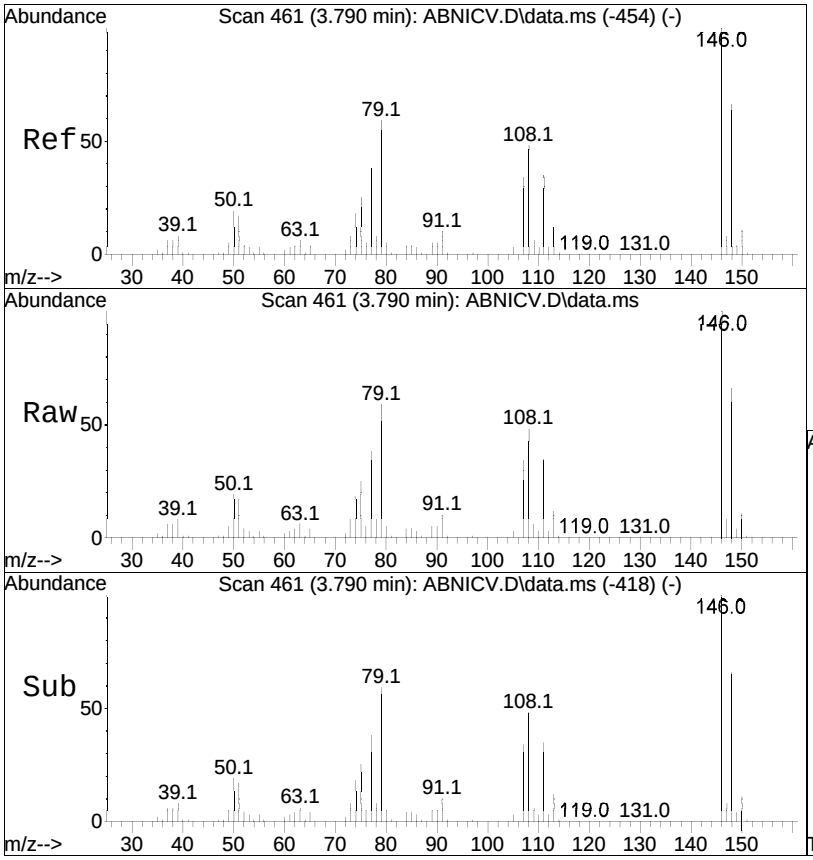


#11
1,4-Dichlorobenzene
Concen: 50.14 ug/ml
RT: 3.661 min Scan# 439
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:146 Resp: 189815

Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.3	78.5
111	34.8	29.2	43.8

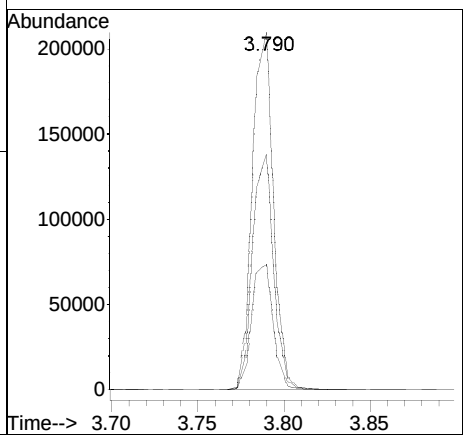


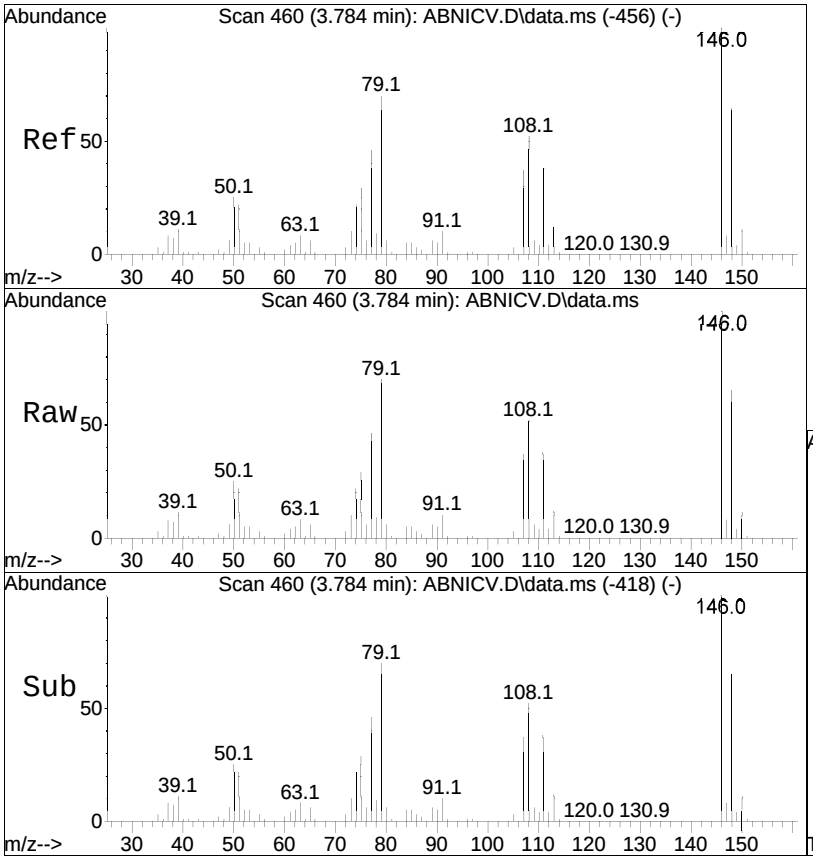


#12
1,2-Dichlorobenzene
Concen: 48.95 ug/ml
RT: 3.790 min Scan# 461
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:146 Resp: 177414

Ion	Ratio	Lower	Upper
146	100		
111	36.2	30.3	45.5
148	65.8	51.8	77.8

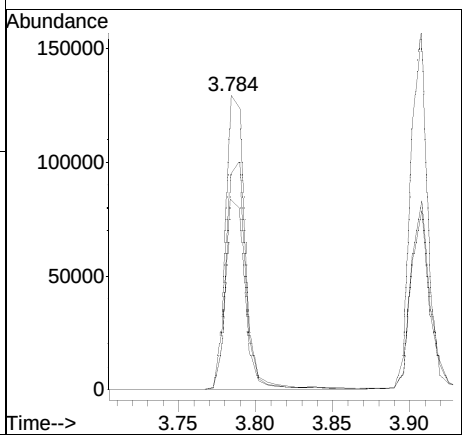


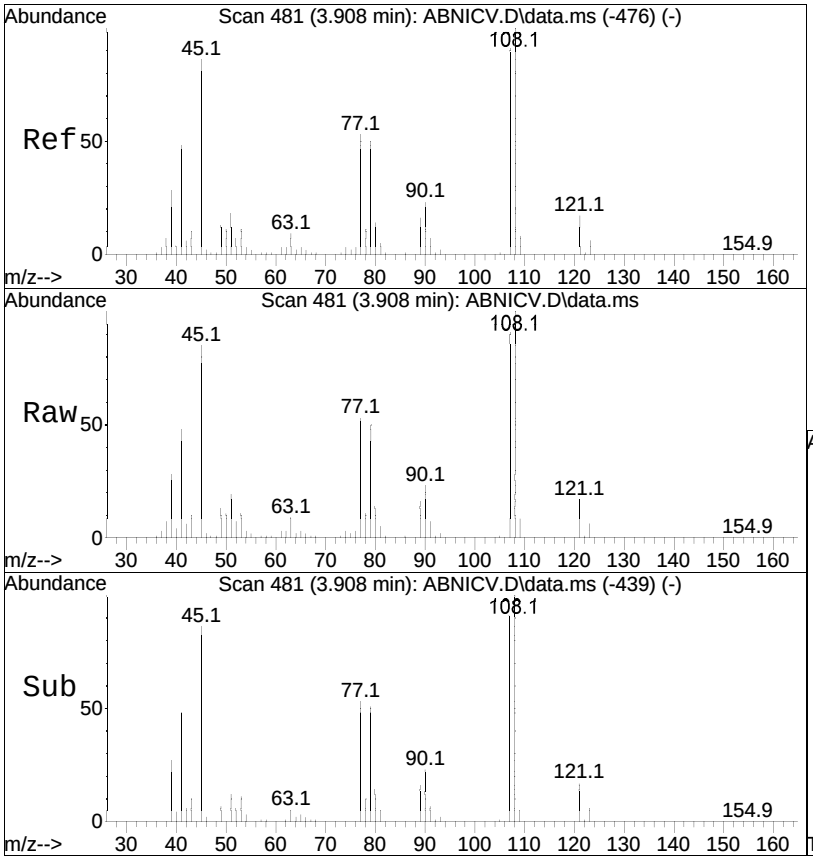


#13
Benzyl alcohol
Concen: 50.71 ug/ml
RT: 3.784 min Scan# 460
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 79 Resp: 114758

Ion	Ratio	Lower	Upper
79	100		
77	65.6	54.6	81.8
108	77.1	65.1	97.7

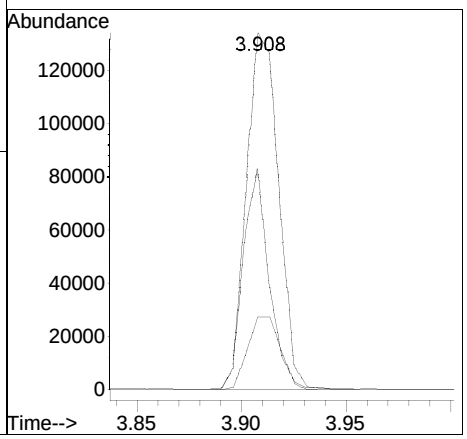


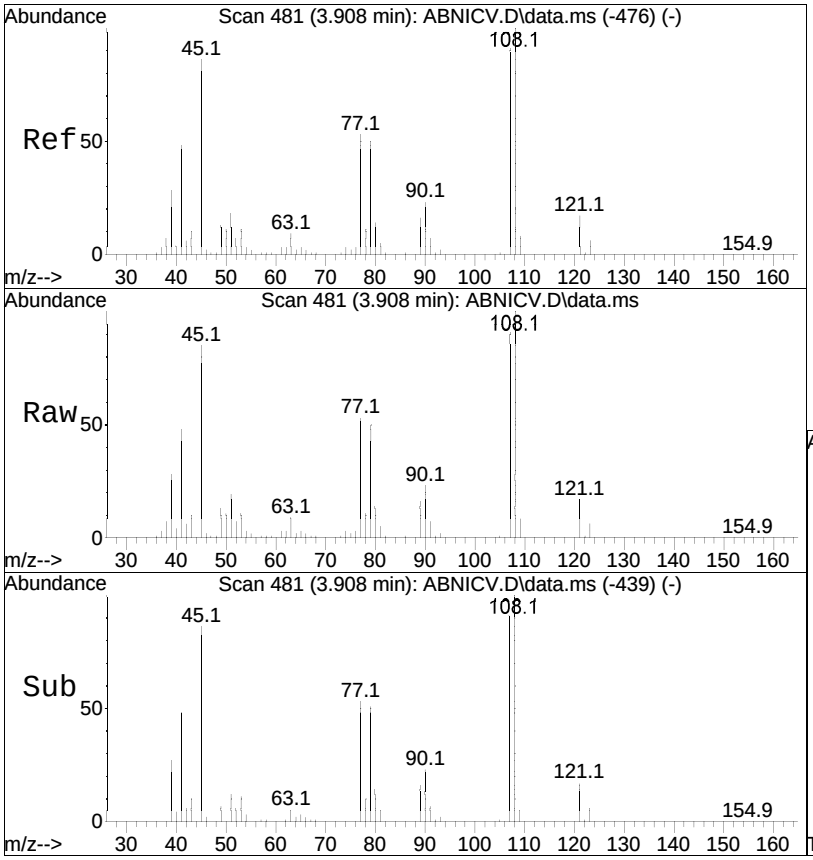


#14
Bis(2-chloroisopropyl)ether
Concen: 46.80 ug/ml
RT: 3.908 min Scan# 481
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 45 Resp: 143989

Ion	Ratio	Lower	Upper
45	100		
121	20.8	16.0	24.0
77	50.2	32.1	48.1#

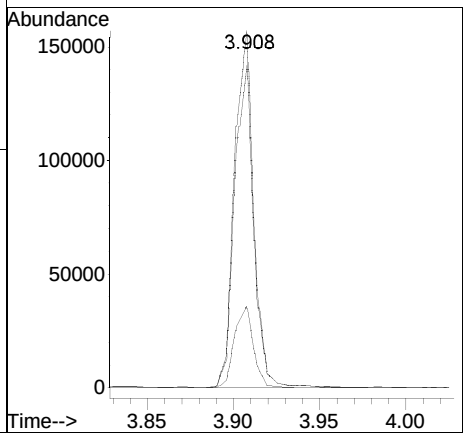


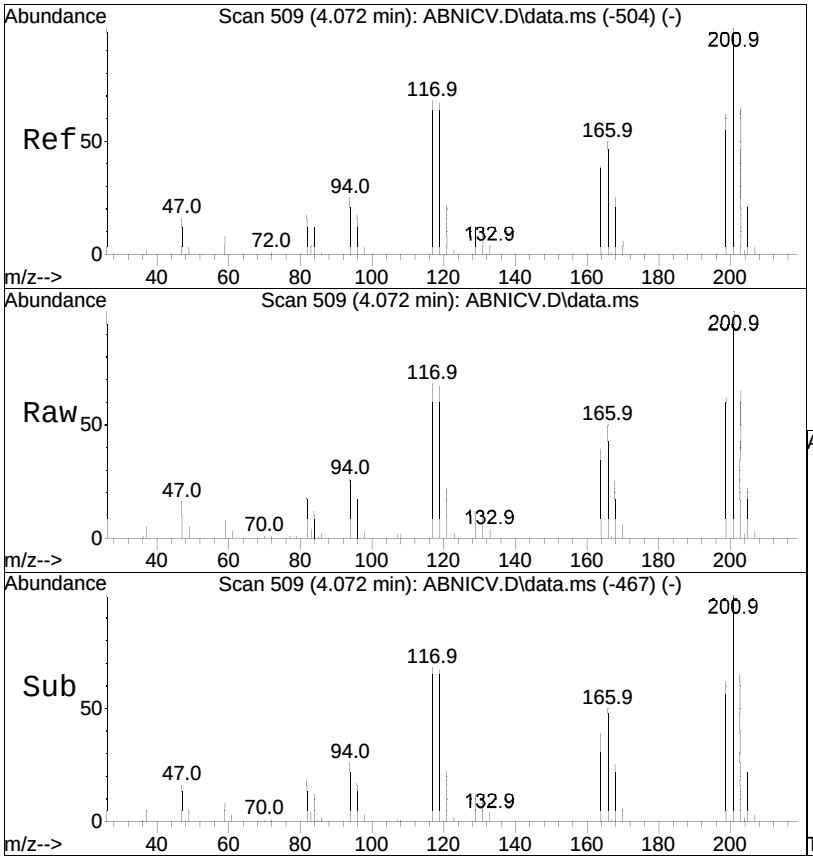


#15
2-Methylphenol
Concen: 49.13 ug/ml
RT: 3.908 min Scan# 481
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:108 Resp: 121709

Ion	Ratio	Lower	Upper
108	100		
107	91.6	70.3	105.5
90	23.0	18.7	28.1

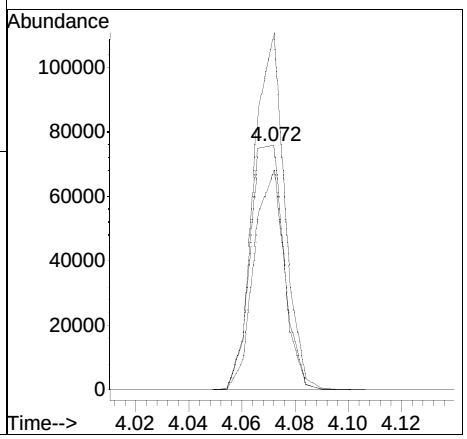


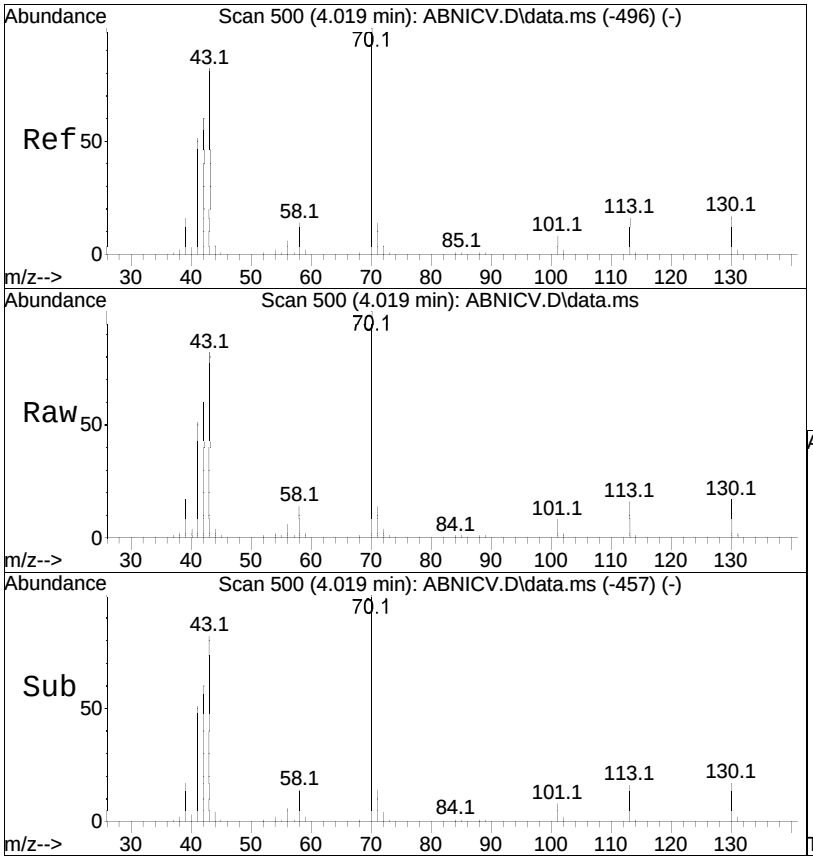


#16
Hexachloroethane
Concen: 47.83 ug/ml
RT: 4.072 min Scan# 509
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:117 Resp: 66203

Ion	Ratio	Lower	Upper
117	100		
201	133.9	73.4	110.0#
199	82.9	45.9	68.9#

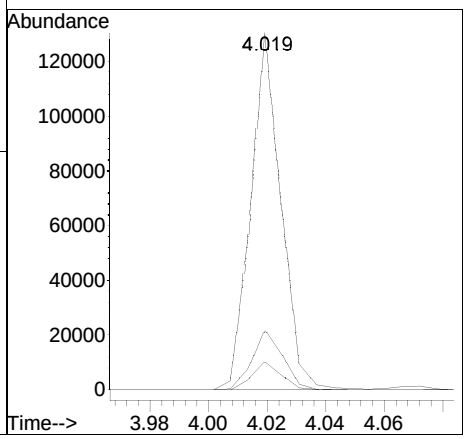


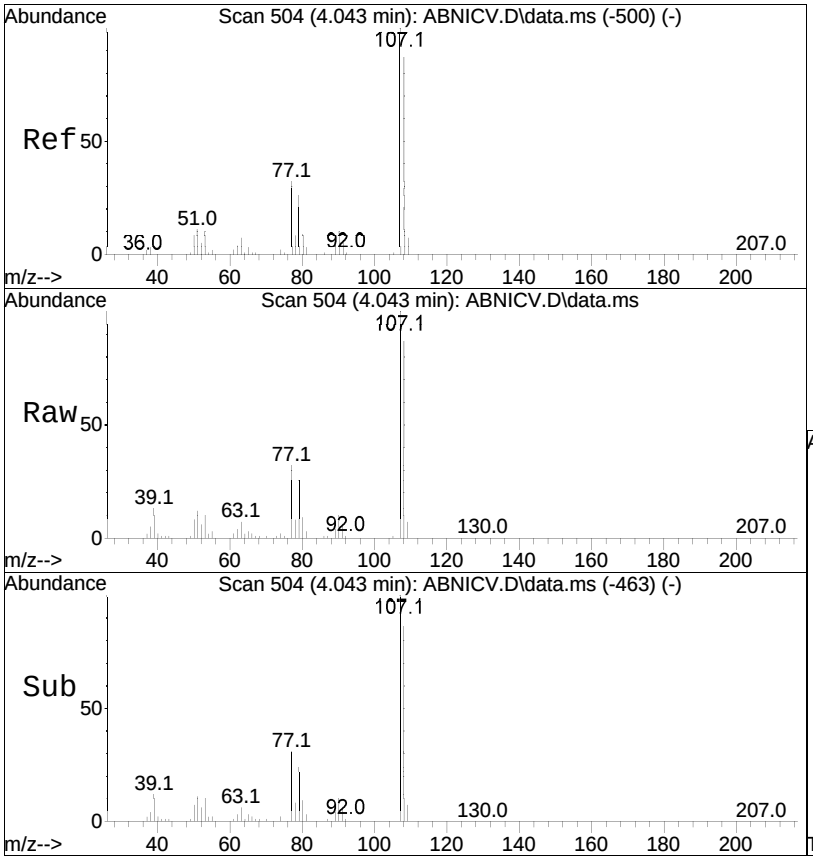


#17
n-Nitrosodi-n-propylamine
Concen: 48.32 ug/ml
RT: 4.019 min Scan# 500
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 70 Resp: 93129

Ion	Ratio	Lower	Upper
70	100		
130	17.1	17.1	25.7#
101	7.6	7.0	10.4

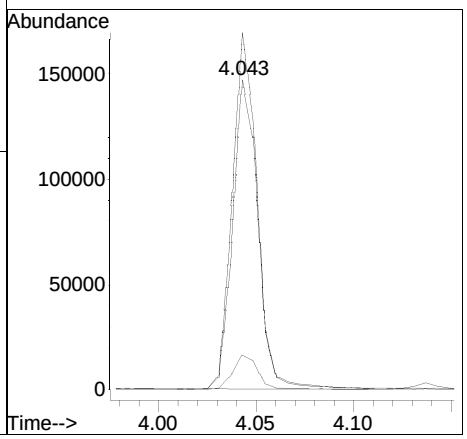


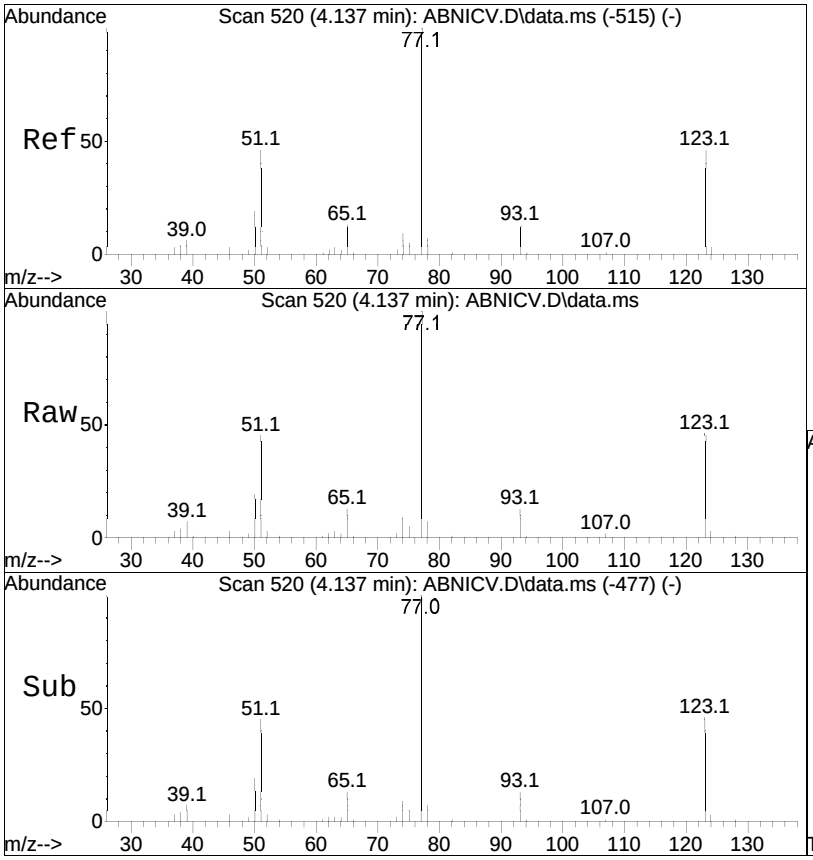


#18
3-Methylphenol/4-Methylphenol
Concen: 50.32 ug/ml
RT: 4.043 min Scan# 504
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:108 Resp: 132101

Ion	Ratio	Lower	Upper
108	100		
107	114.8	88.2	132.2
90	11.1	8.5	12.7

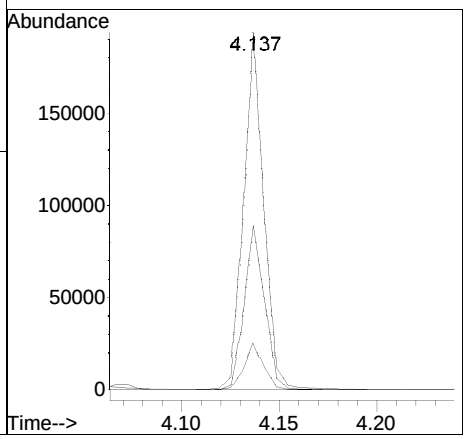


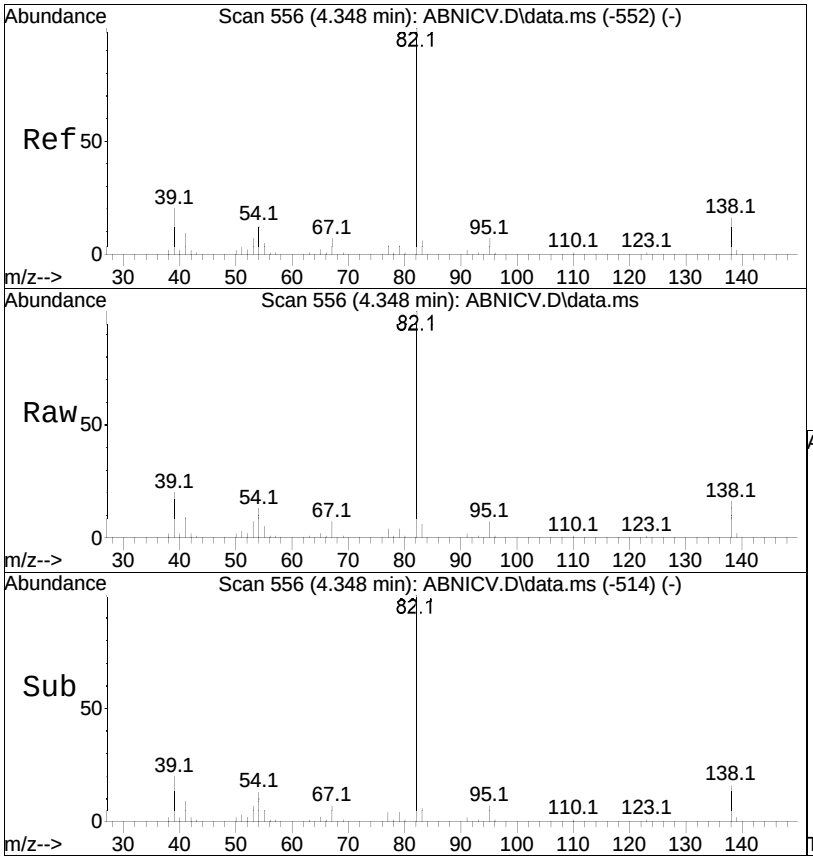


#20
Nitrobenzene
Concen: 47.89 ug/ml
RT: 4.137 min Scan# 520
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 77 Resp: 136196

Ion	Ratio	Lower	Upper
77	100		
123	47.1	39.5	59.3
65	13.0	11.0	16.6

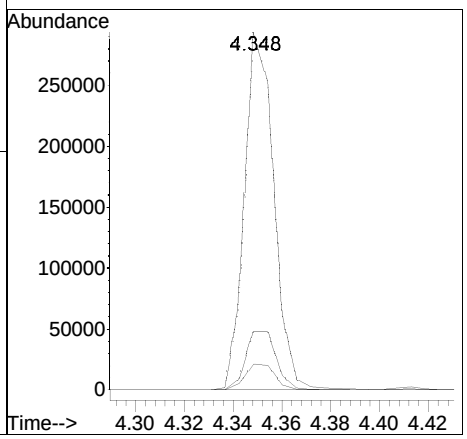


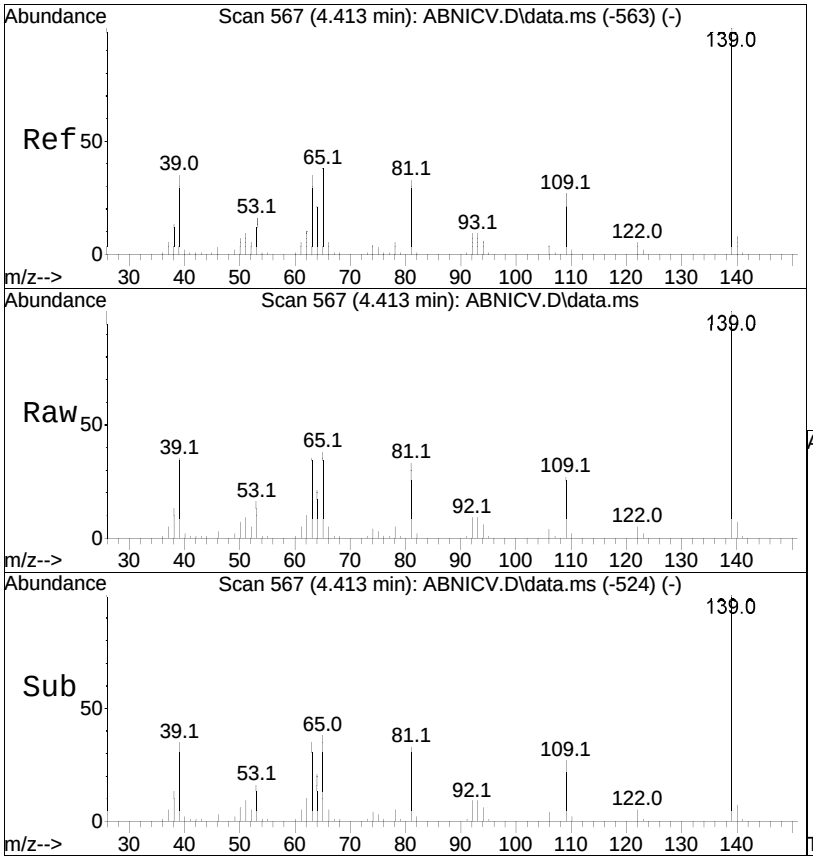


#21
Isophorone
Concen: 47.91 ug/ml
RT: 4.348 min Scan# 556
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 82 Resp: 244096

Ion	Ratio	Lower	Upper
82	100		
138	17.3	13.9	20.9
95	7.6	5.1	7.7

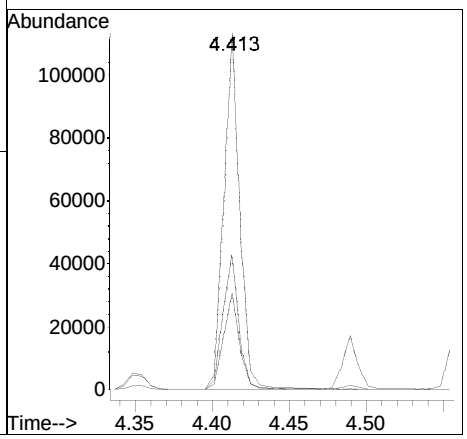


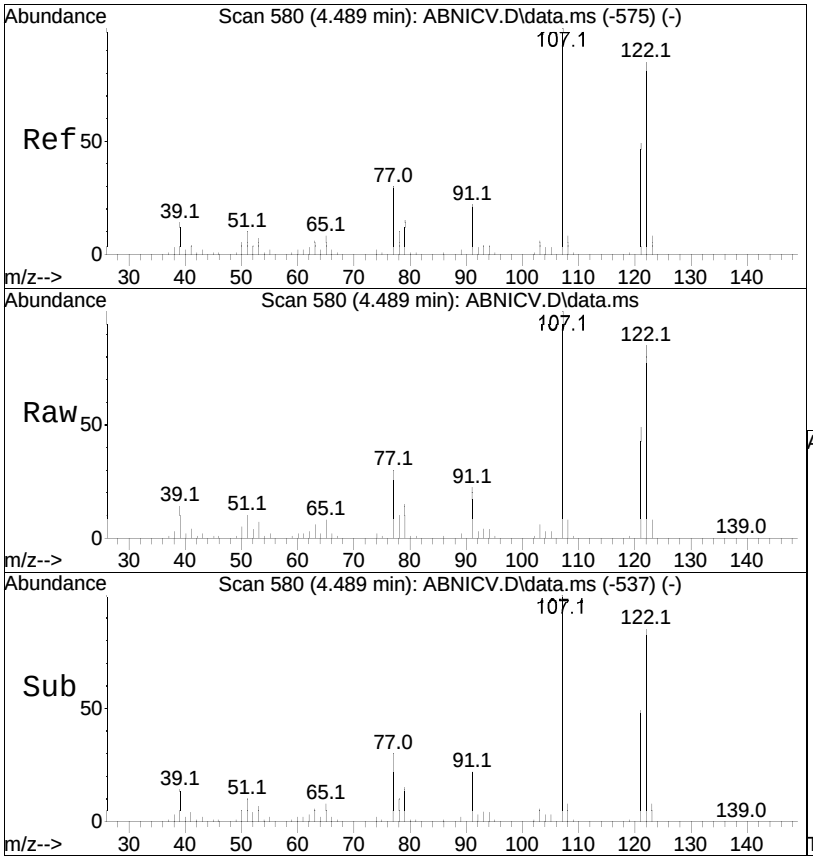


#22
2-Nitrophenol
Concen: 49.68 ug/ml
RT: 4.413 min Scan# 567
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:139 Resp: 79932

Ion	Ratio	Lower	Upper
139	100		
109	27.9	17.2	25.8#
65	38.3	33.8	50.6

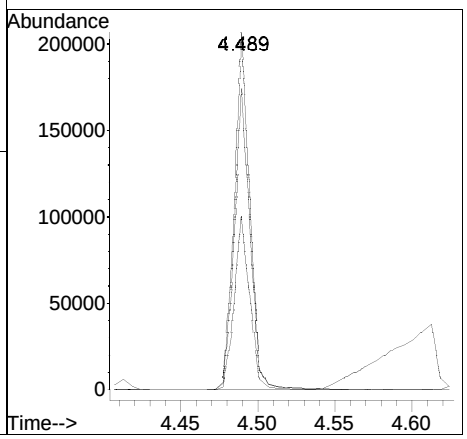


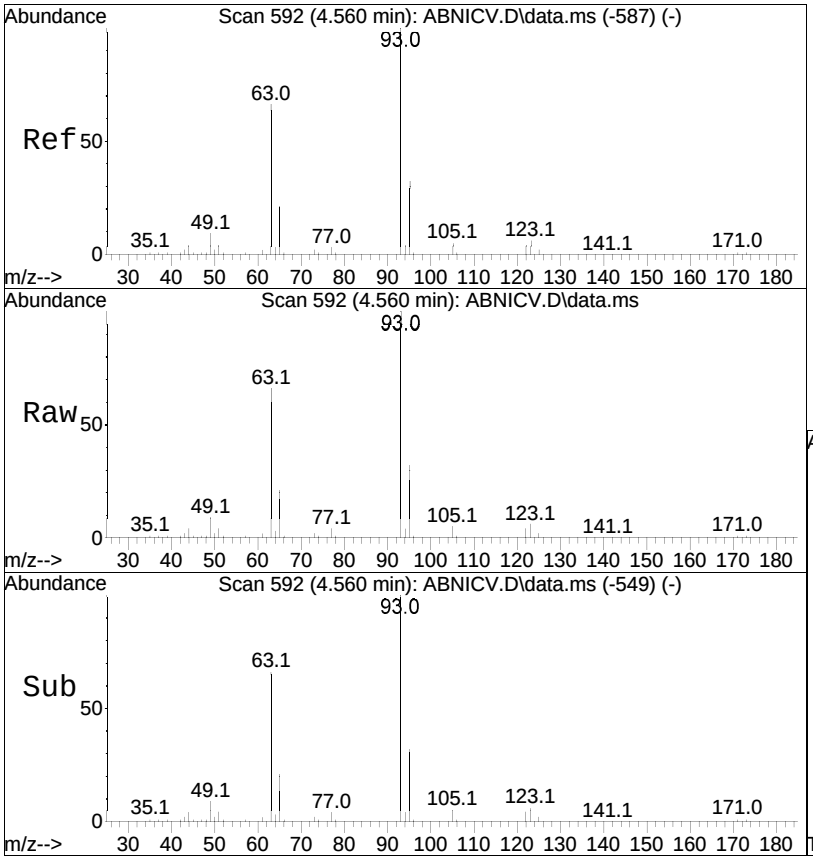


#23
2,4-Dimethylphenol
Concen: 49.11 ug/ml
RT: 4.489 min Scan# 580
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:107 Resp: 145315

Ion	Ratio	Lower	Upper
107	100		
121	48.7	41.2	61.8
122	83.9	72.5	108.7

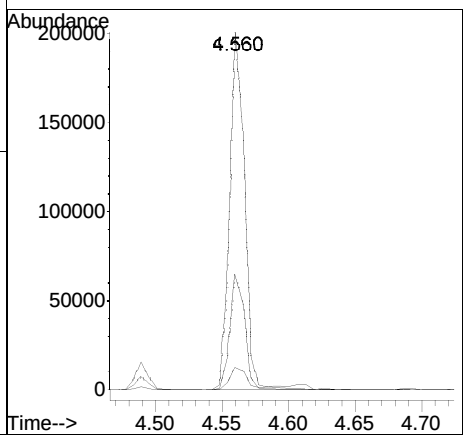


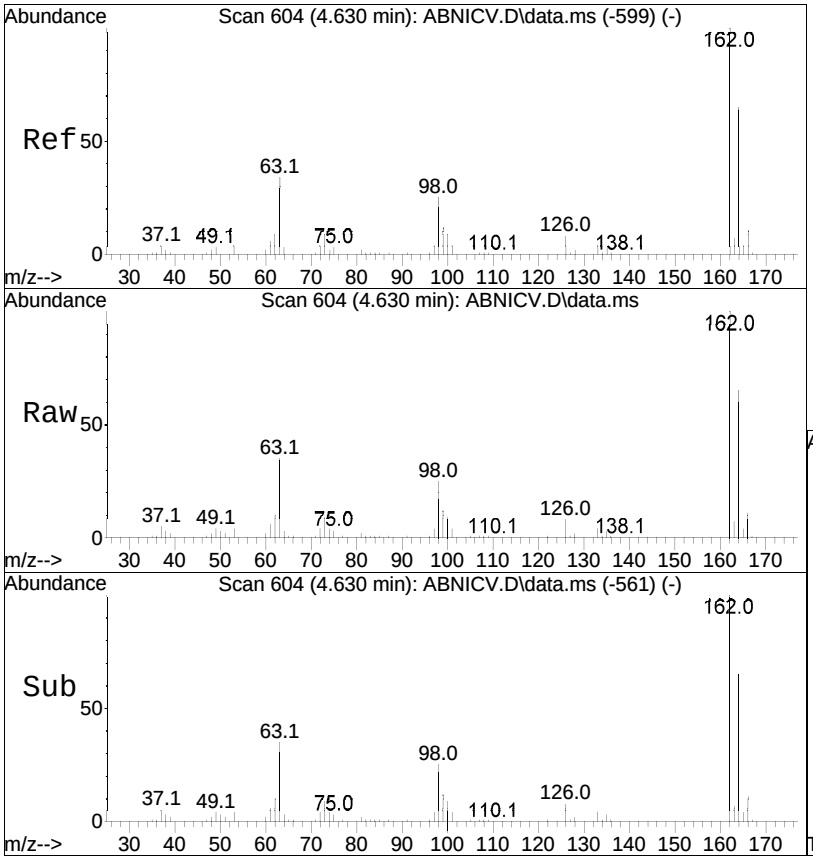


#24
Bis(2-chloroethoxy)methane
Concen: 48.19 ug/ml
RT: 4.560 min Scan# 592
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 93 Resp: 153515

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.8	40.2
123	7.7	8.7	13.1#

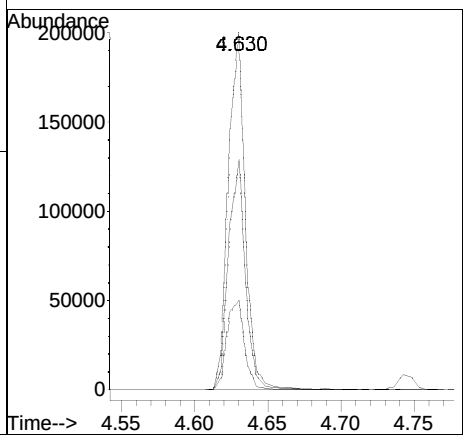


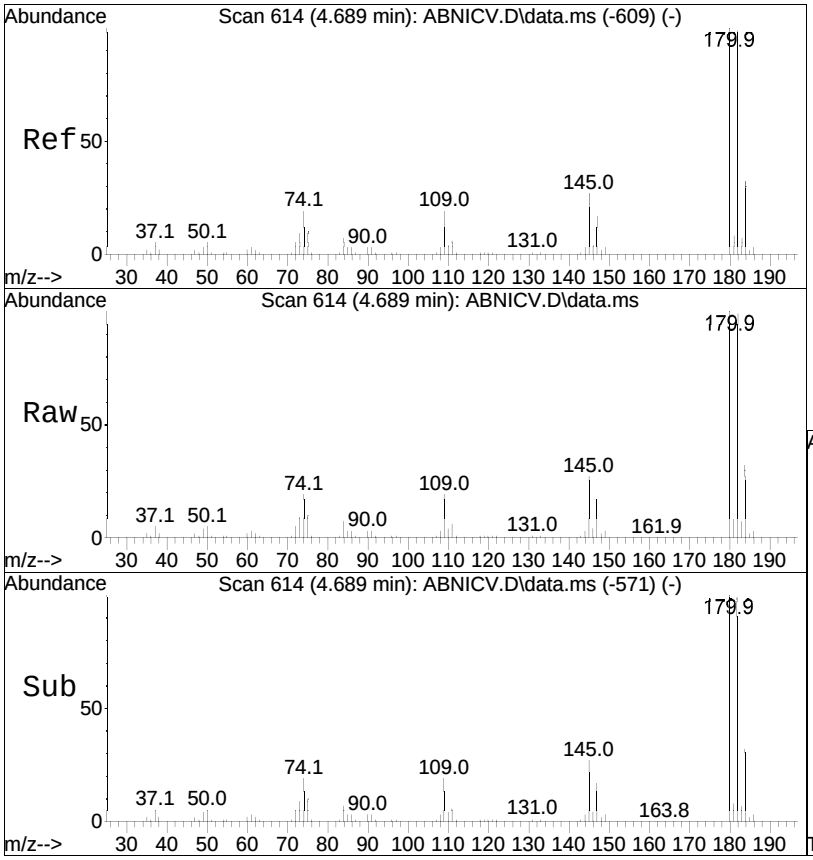


#25
2,4-Dichlorophenol
Concen: 50.73 ug/ml
RT: 4.630 min Scan# 604
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:162 Resp: 159646

Ion	Ratio	Lower	Upper
162	100		
164	64.3	51.8	77.8
98	26.7	25.0	37.4

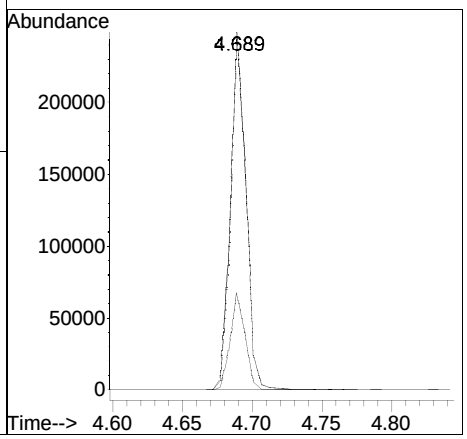


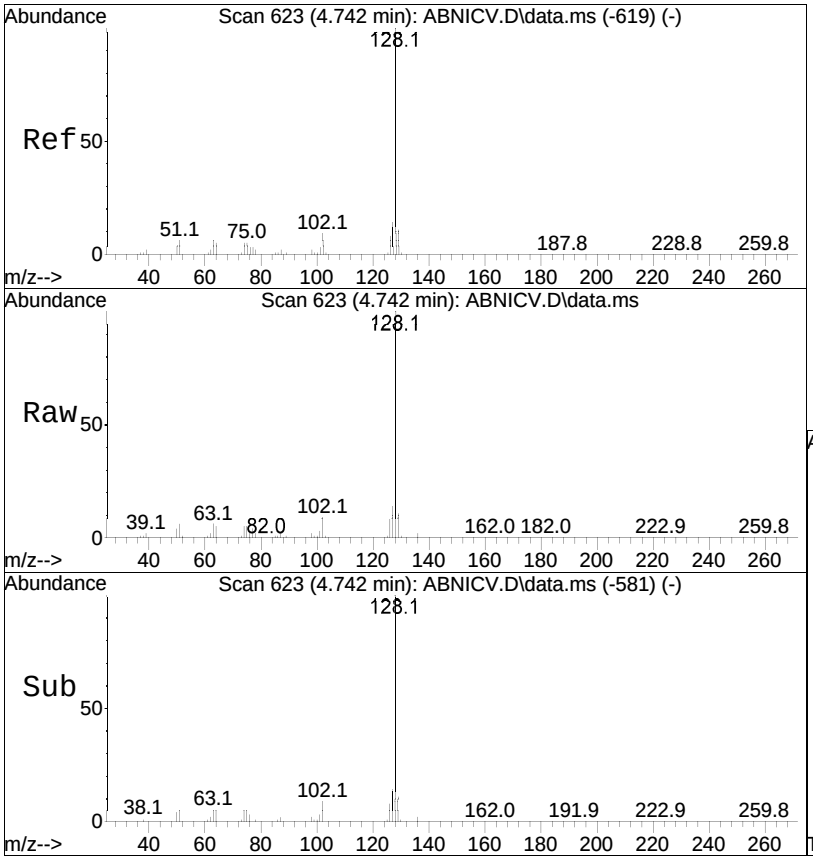


#26
1,2,4-Trichlorobenzene
Concen: 49.55 ug/ml
RT: 4.689 min Scan# 614
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:180 Resp: 189676

Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.5	116.3
145	26.5	22.2	33.2

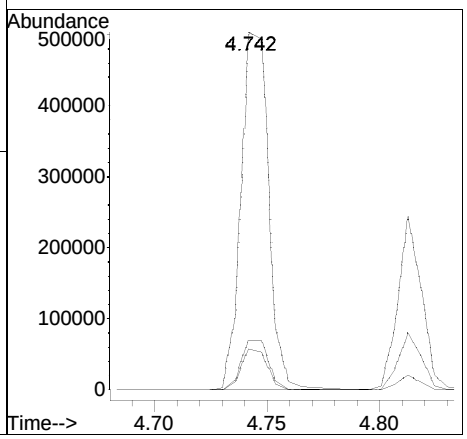


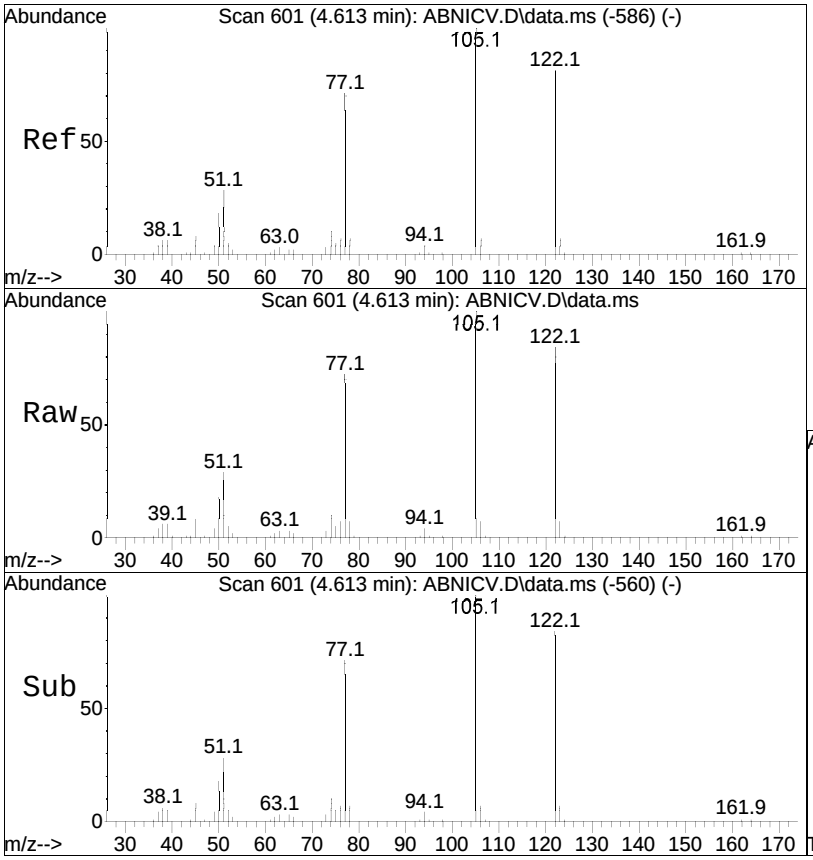


#36
Naphthalene
Concen: 49.28 ug/ml
RT: 4.742 min Scan# 623
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:128 Resp: 431659

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	14.1	11.3	16.9

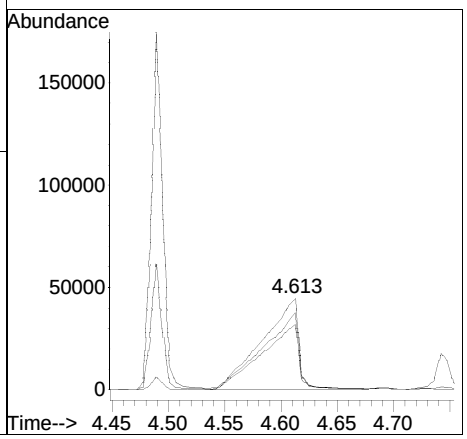


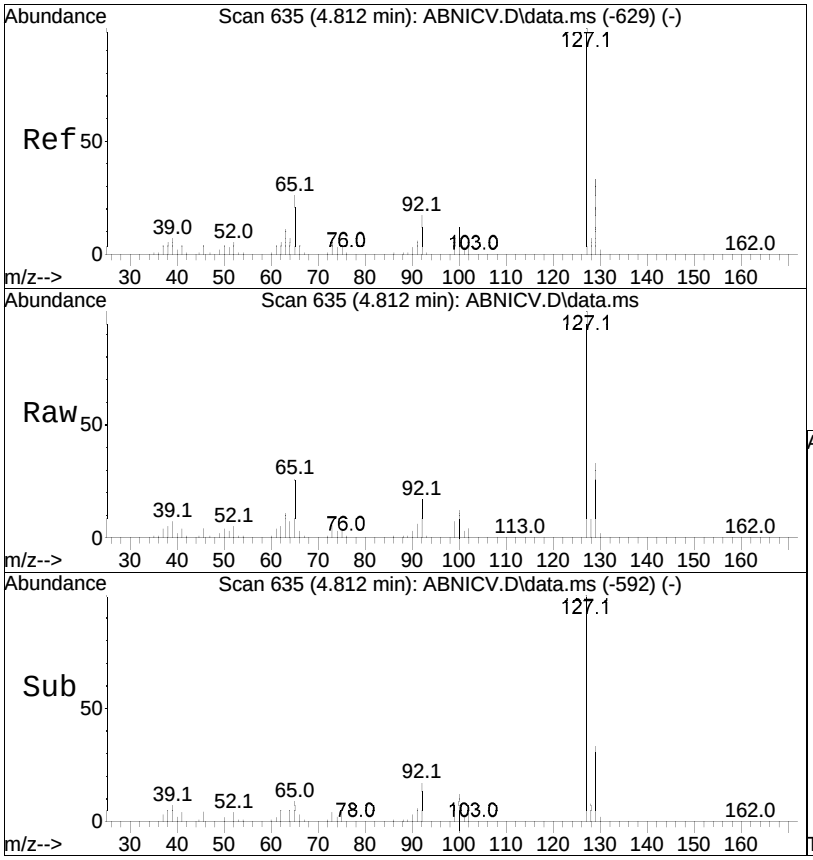


#37
Benzoic Acid
Concen: 48.96 ug/ml M3
RT: 4.613 min Scan# 601
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:105 Resp: 103759

Ion	Ratio	Lower	Upper
105	100		
122	117.5	2158.8	3238.2#
77	41.6	747.4	1121.0#

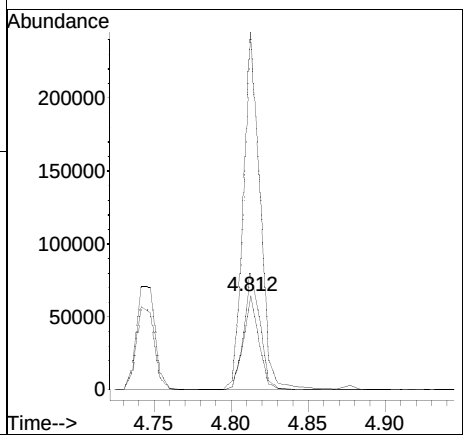


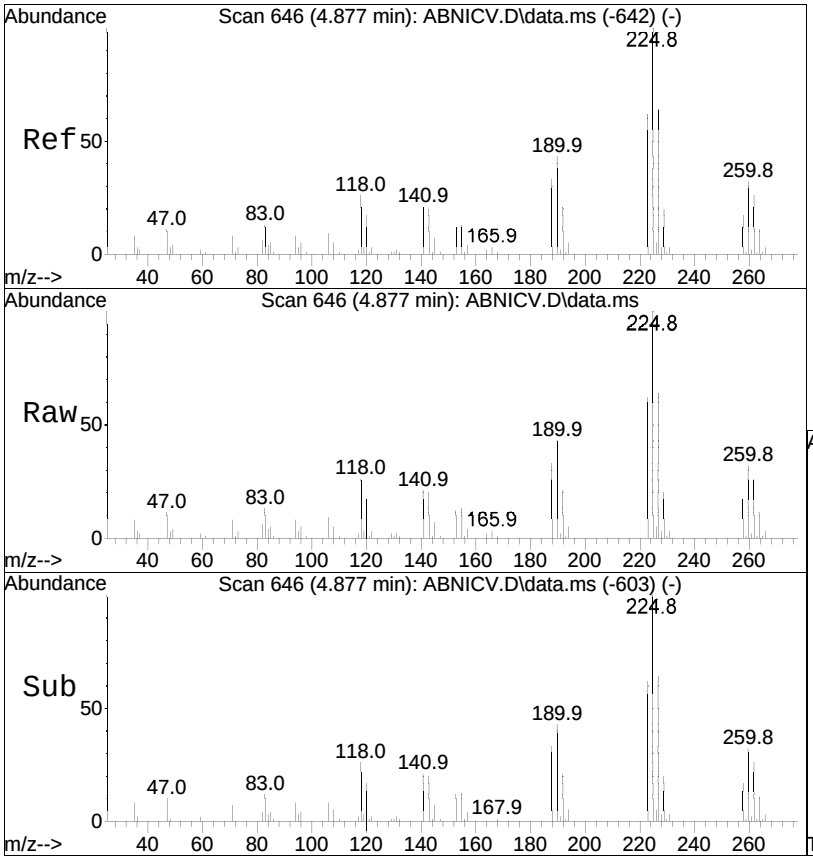


#38
4-Chloroaniline
Concen: 49.94 ug/ml
RT: 4.812 min Scan# 635
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 65 Resp: 46830

Ion	Ratio	Lower	Upper
65	100		
127	389.7	302.2	453.2
129	127.1	97.8	146.8

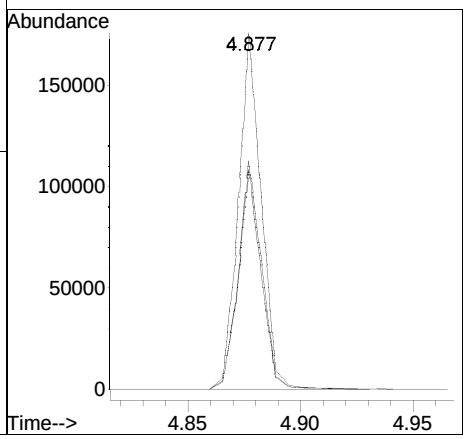


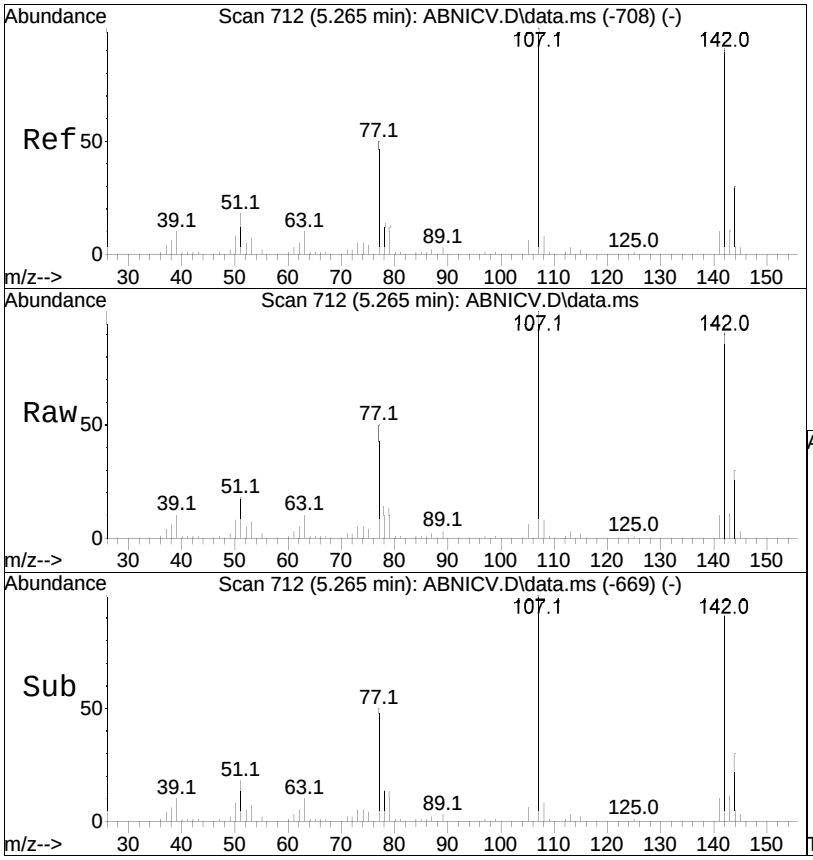


#39
Hexachlorobutadiene
Concen: 48.56 ug/ml
RT: 4.877 min Scan# 646
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:225 Resp: 123007

Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.0	75.0
227	65.4	51.8	77.6

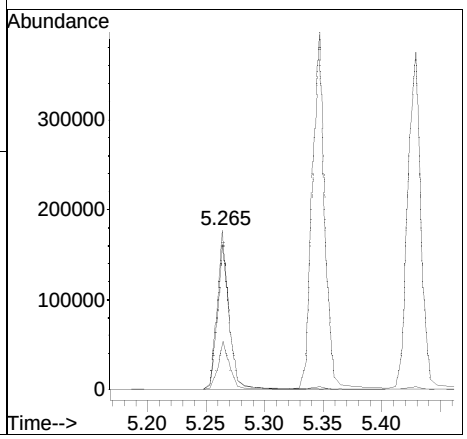


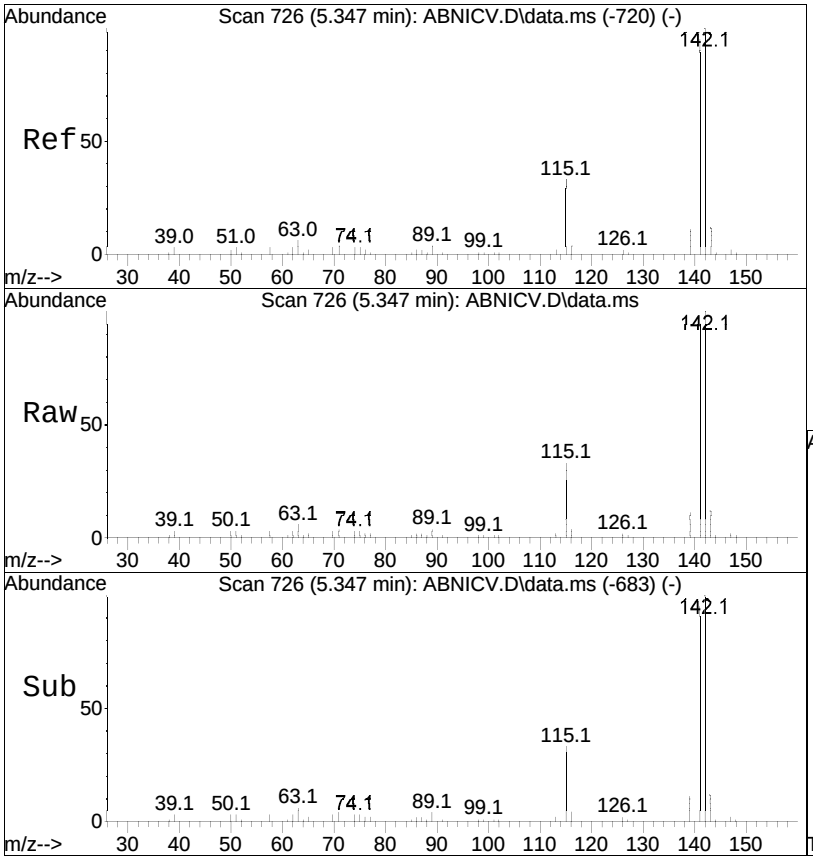


#40
p-Chloro-m-cresol
Concen: 50.09 ug/ml
RT: 5.265 min Scan# 712
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:107 Resp: 125688

Ion	Ratio	Lower	Upper
107	100		
144	29.5	23.3	34.9
142	89.8	72.7	109.1

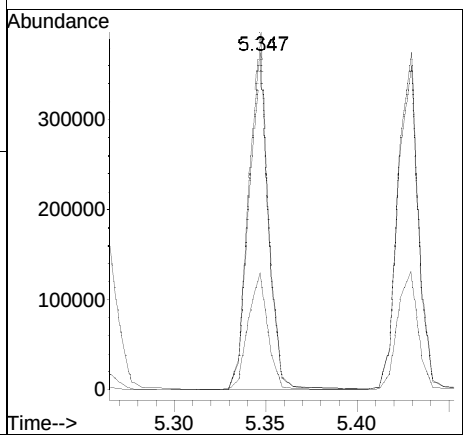


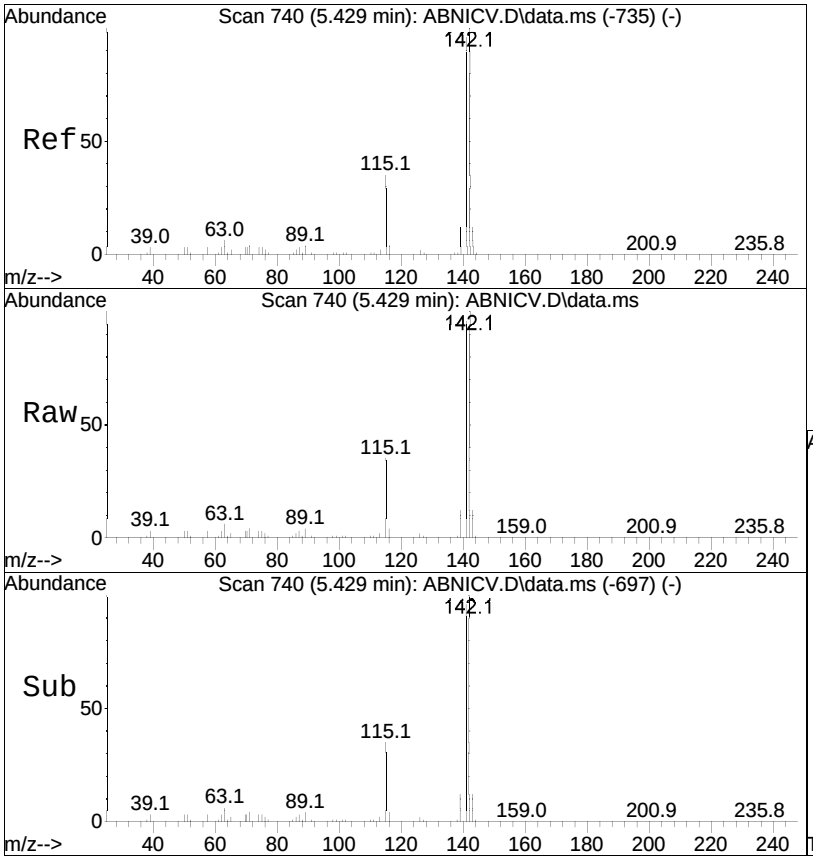


#41
2-Methylnaphthalene
Concen: 49.85 ug/ml
RT: 5.347 min Scan# 726
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:142 Resp: 294986

Ion	Ratio	Lower	Upper
142	100		
141	93.4	69.5	104.3
115	33.1	25.4	38.2

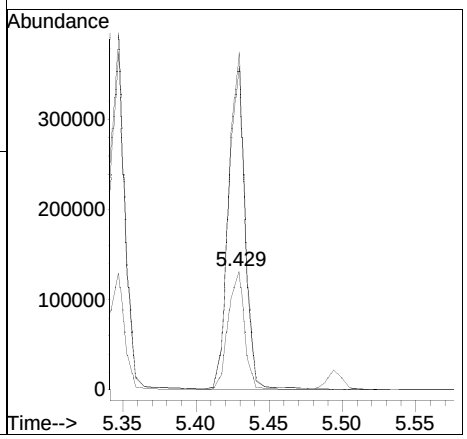


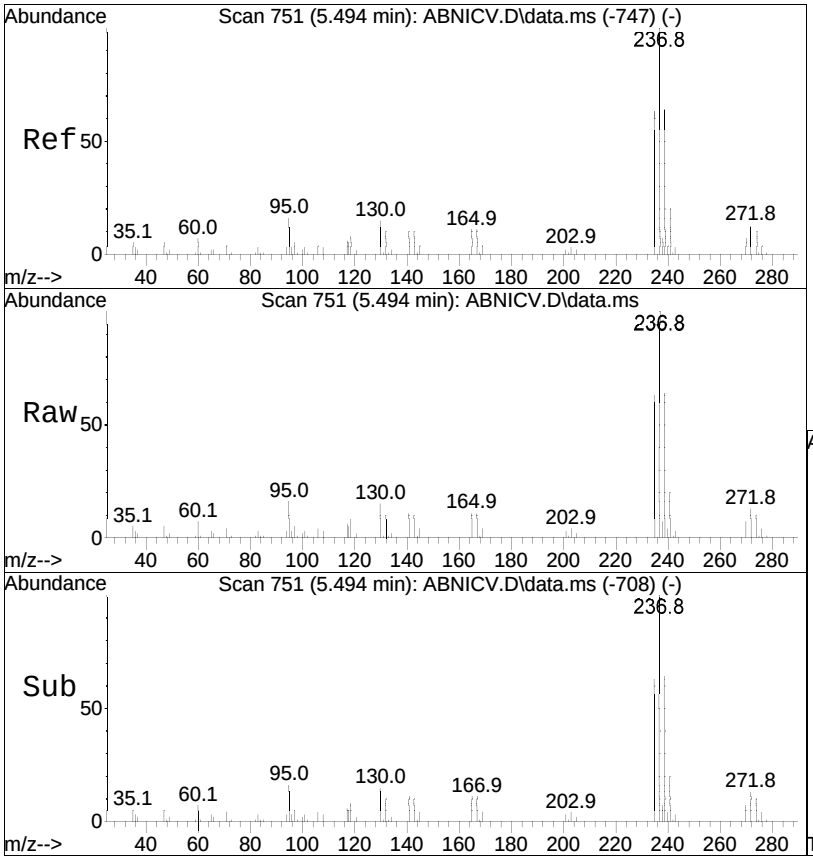


#42
1-Methylnaphthalene
Concen: 48.77 ug/ml
RT: 5.429 min Scan# 740
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:115 Resp: 105441

Ion	Ratio	Lower	Upper
115	100		
141	268.4	218.1	327.1
142	283.1	245.3	367.9

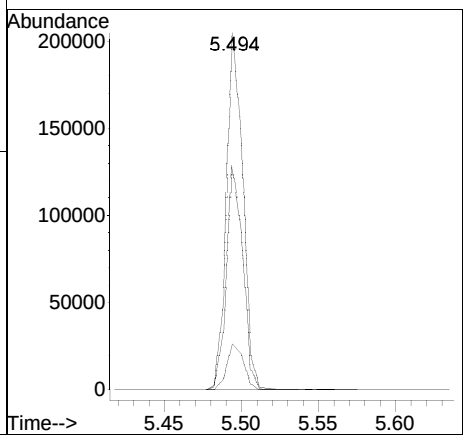


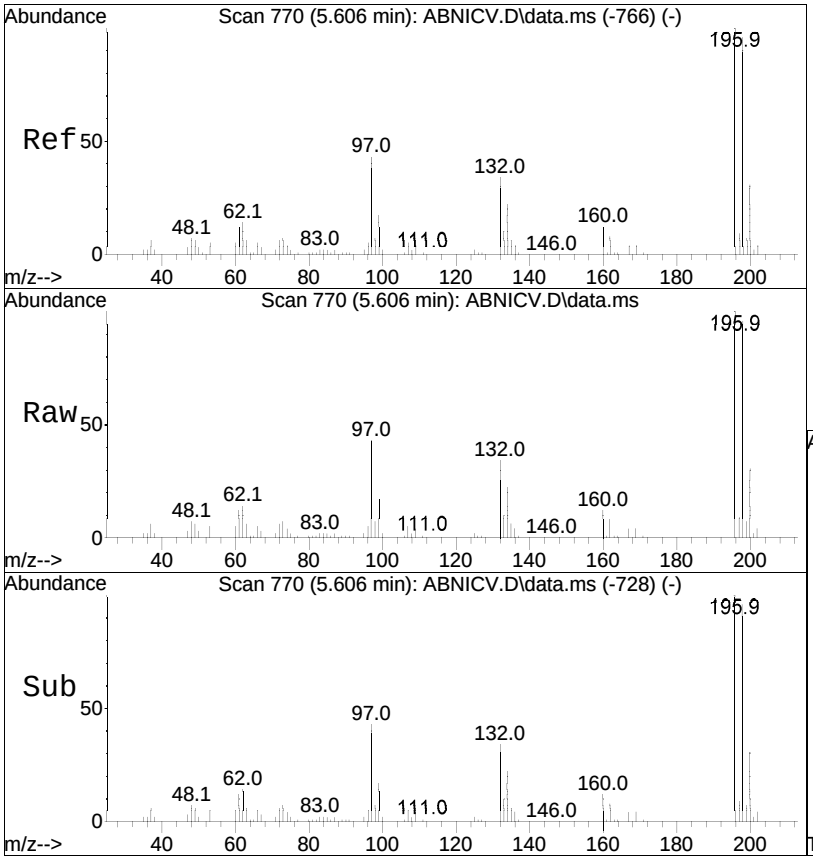


#43
Hexachlorocyclopentadiene
Concen: 54.24 ug/ml
RT: 5.494 min Scan# 751
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:237 Resp: 151356

Ion	Ratio	Lower	Upper
237	100		
235	62.5	49.9	74.9
272	13.3	11.4	17.2

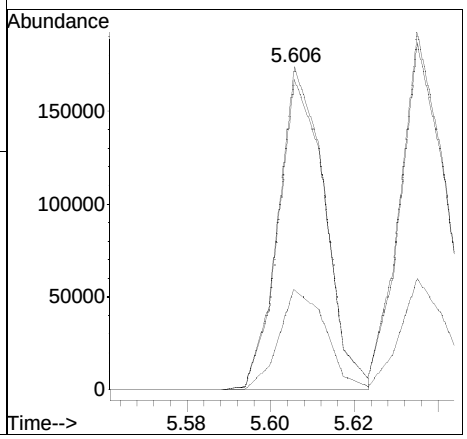


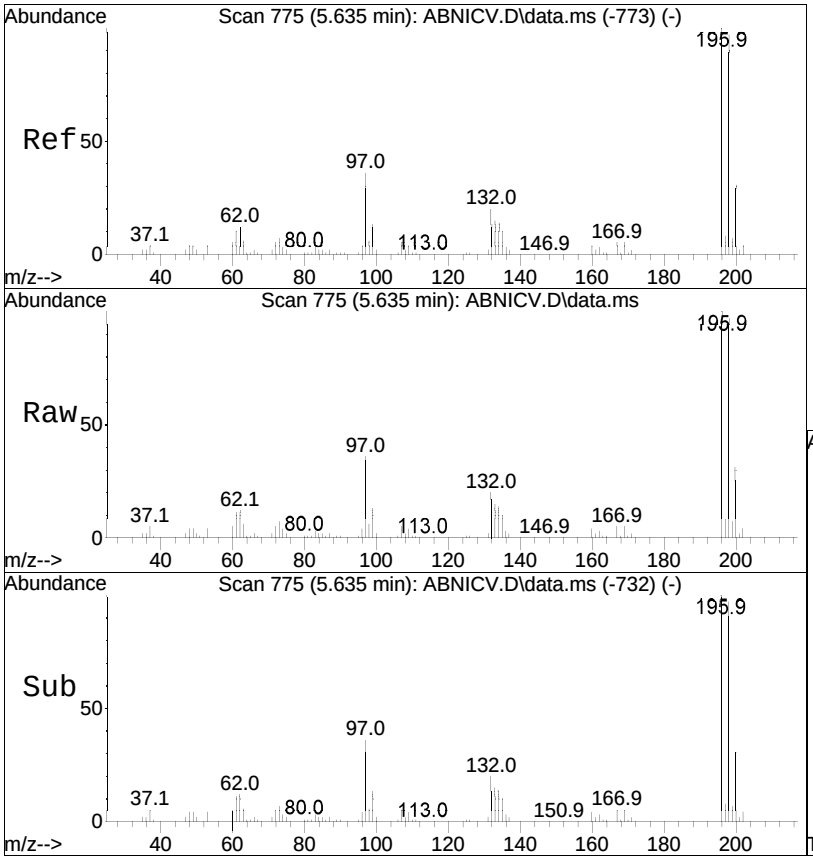


#44
2,4,6-Trichlorophenol
Concen: 50.64 ug/ml
RT: 5.606 min Scan# 770
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:196 Resp: 134853

Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.0	115.6
200	31.3	25.0	37.6

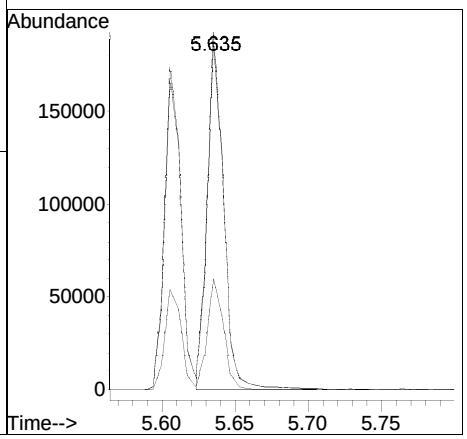


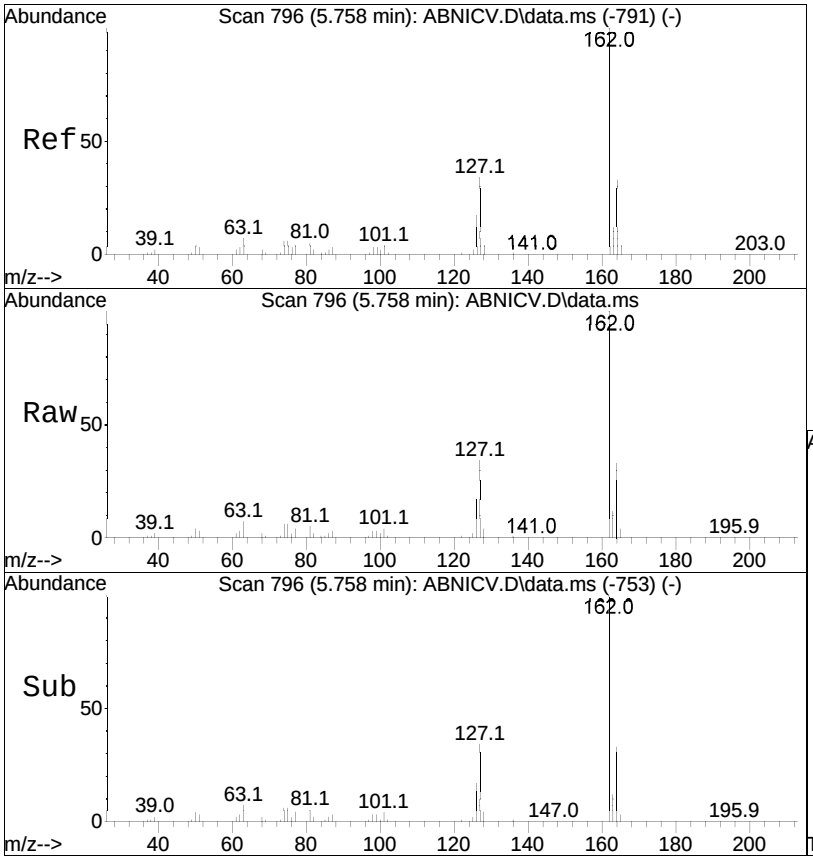


#45
2,4,5-Trichlorophenol
Concen: 51.86 ug/ml
RT: 5.635 min Scan# 775
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:196 Resp: 151853

Ion	Ratio	Lower	Upper
196	100		
200	30.6	24.9	37.3
198	97.5	78.5	117.7

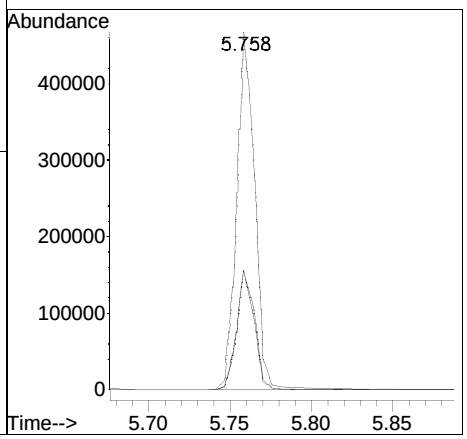


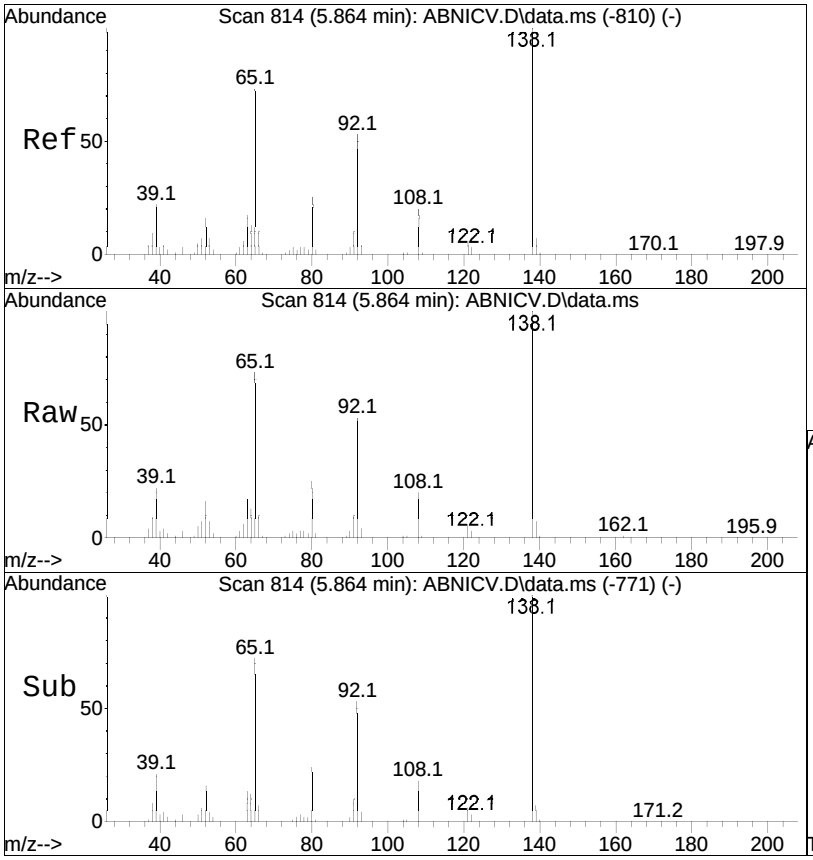


#47
2-Chloronaphthalene
Concen: 50.40 ug/ml
RT: 5.758 min Scan# 796
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:162 Resp: 355843

Ion	Ratio	Lower	Upper
162	100		
127	32.6	28.0	42.0
164	33.5	26.6	39.8

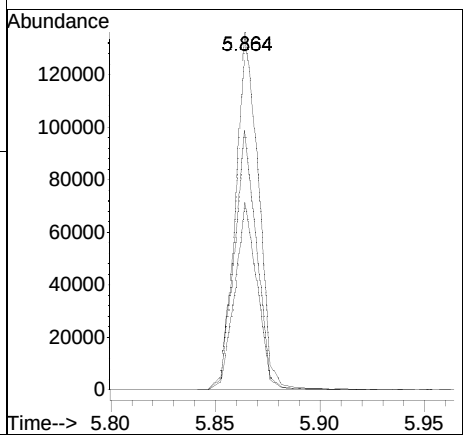


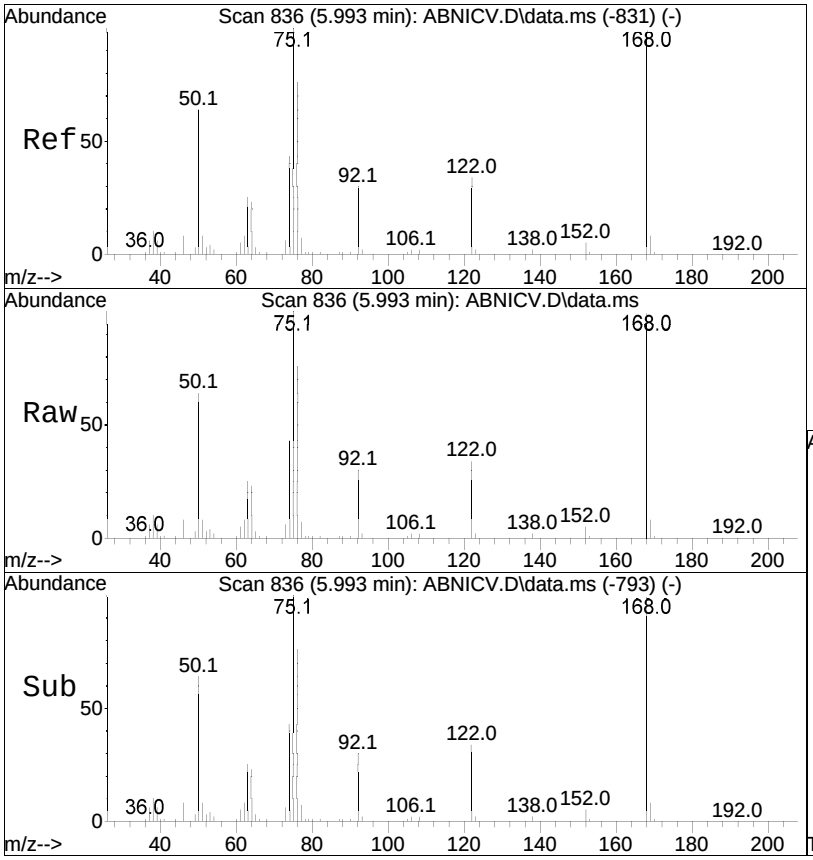


#48
2-Nitroaniline
Concen: 52.80 ug/ml
RT: 5.864 min Scan# 814
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:138 Resp: 102673

Ion	Ratio	Lower	Upper
138	100		
92	51.6	41.7	62.5
65	71.1	61.5	92.3

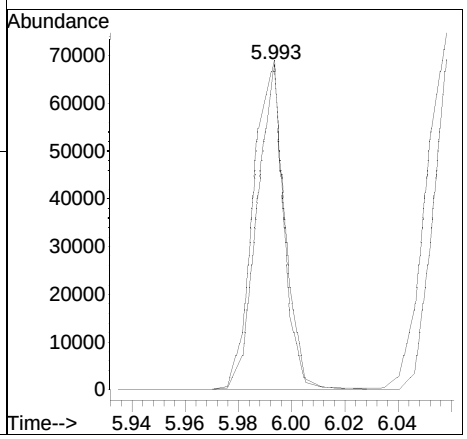


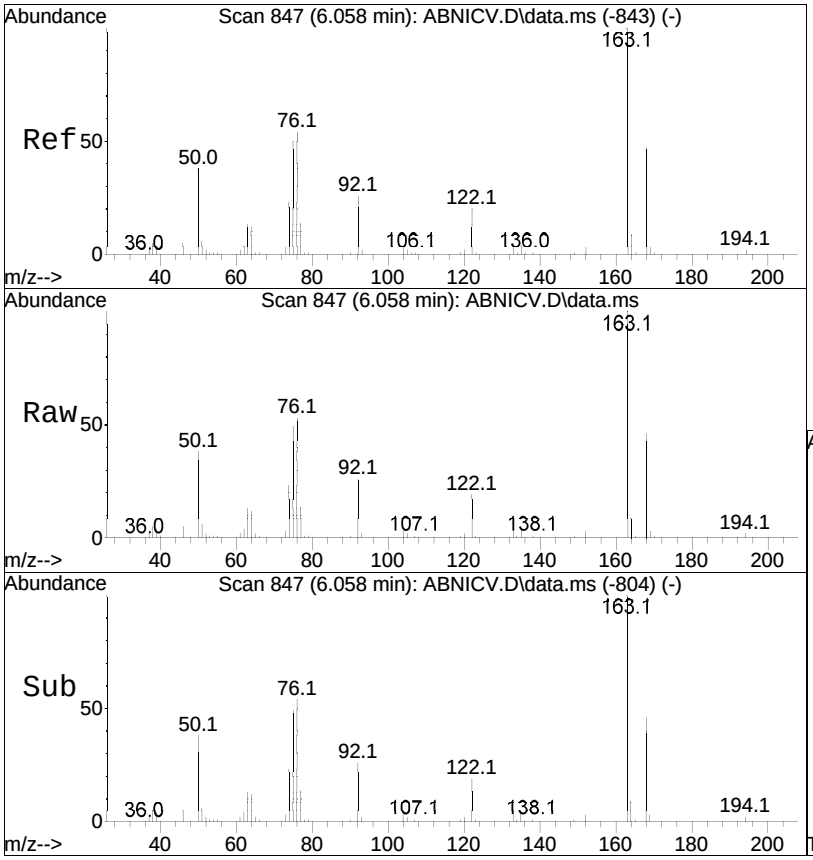


#49
1,4-Dinitrobenzene
Concen: 55.24 ug/ml
RT: 5.993 min Scan# 836
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:168 Resp: 49755

Ion	Ratio	Lower	Upper
168	100		
75	109.7	102.0	153.0

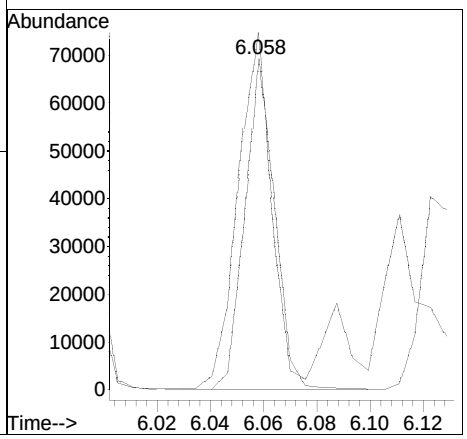


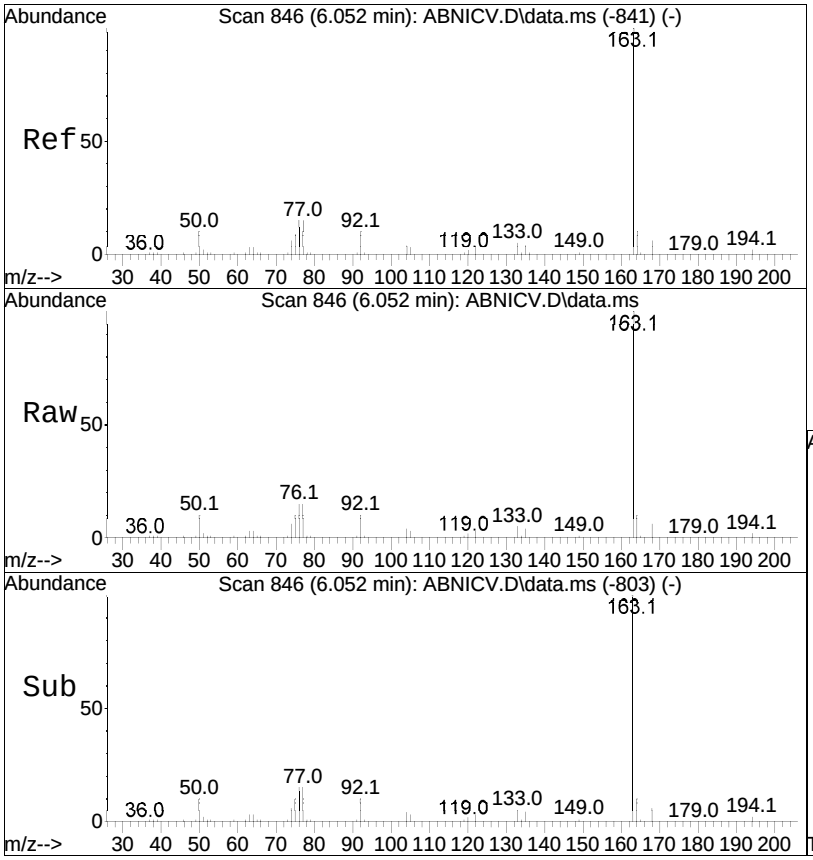


#50
1,3-Dinitrobenzene
Concen: 51.93 ug/ml
RT: 6.058 min Scan# 847
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:168 Resp: 54098

Ion	Ratio	Lower	Upper
168	100		
75	121.4	107.1	160.7

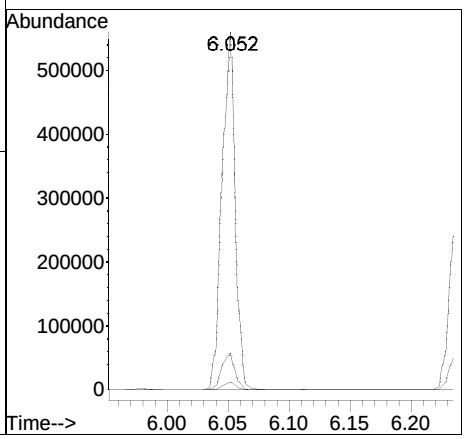


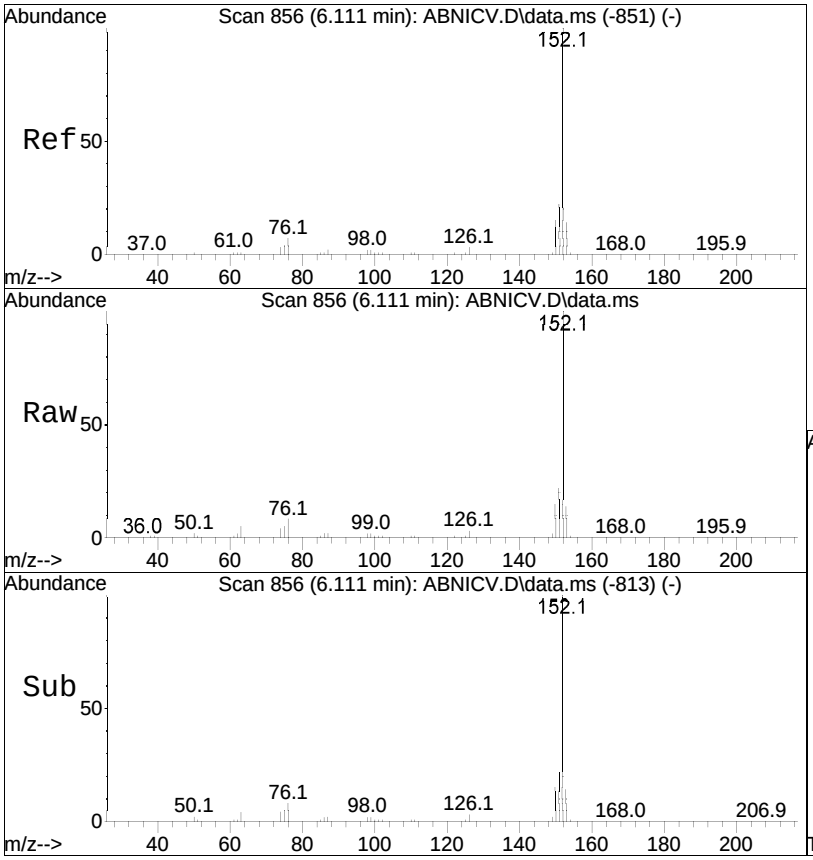


#51
Dimethyl phthalate
Concen: 49.21 ug/ml
RT: 6.052 min Scan# 846
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:163 Resp: 418989

Ion	Ratio	Lower	Upper
163	100		
194	2.1	3.4	5.2#
164	10.3	8.4	12.6

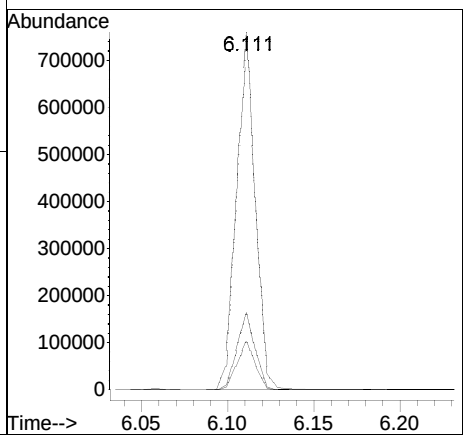


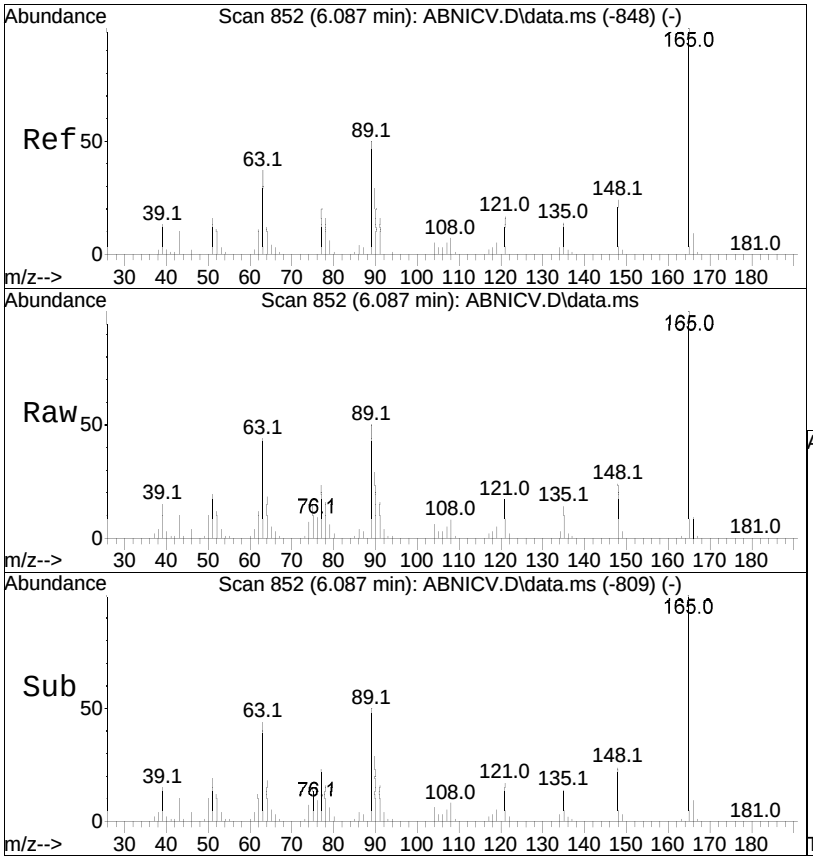


#52
Acenaphthylene
Concen: 51.28 ug/ml
RT: 6.111 min Scan# 856
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:152 Resp: 569457

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.7	25.1
153	13.5	11.1	16.7

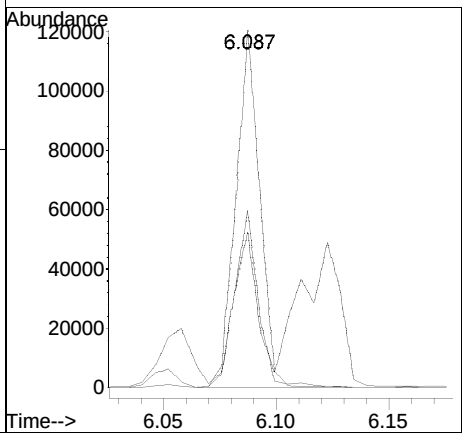


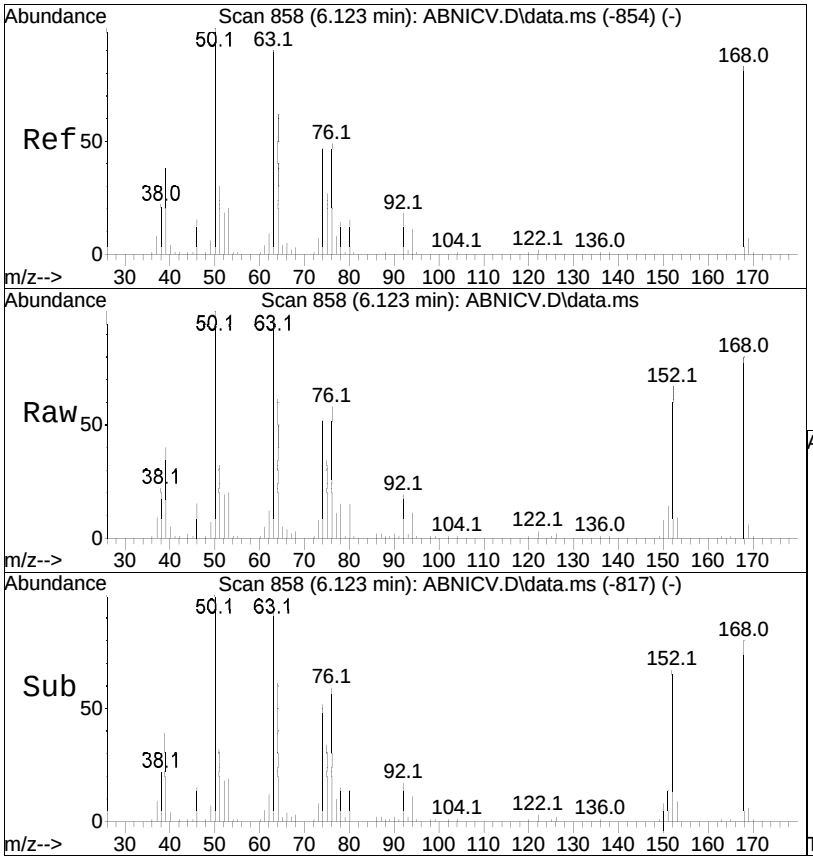


#53
2,6-Dinitrotoluene
Concen: 50.73 ug/ml
RT: 6.087 min Scan# 852
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:165 Resp: 88219

Ion	Ratio	Lower	Upper
165	100		
89	49.4	43.1	64.7
63	44.6	42.7	64.1

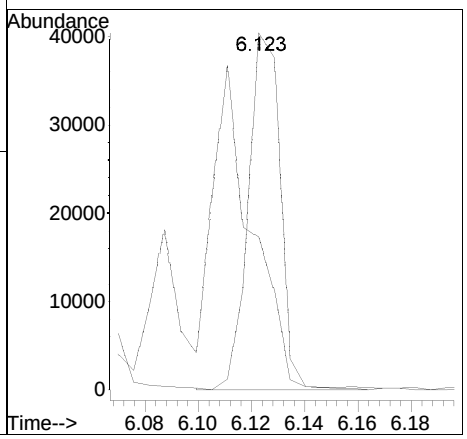


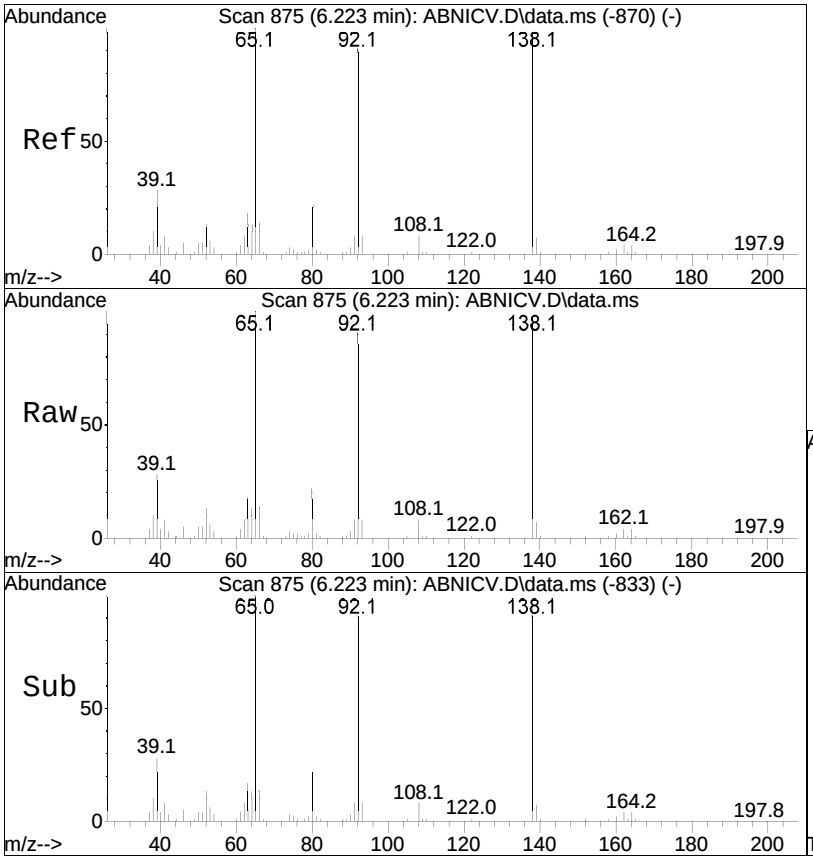


#54
1,2-Dinitrobenzene
Concen: 52.22 ug/ml
RT: 6.123 min Scan# 858
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:168 Resp: 33676

Ion	Ratio	Lower	Upper
168	100		
75	113.3	92.2	138.2

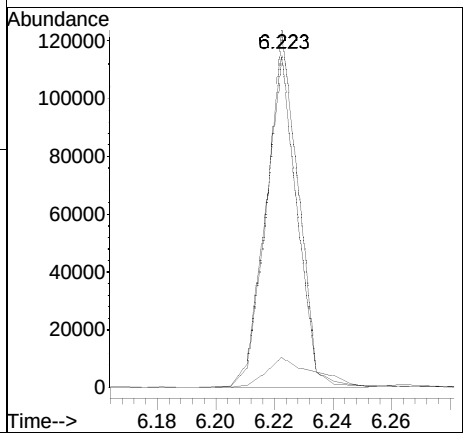


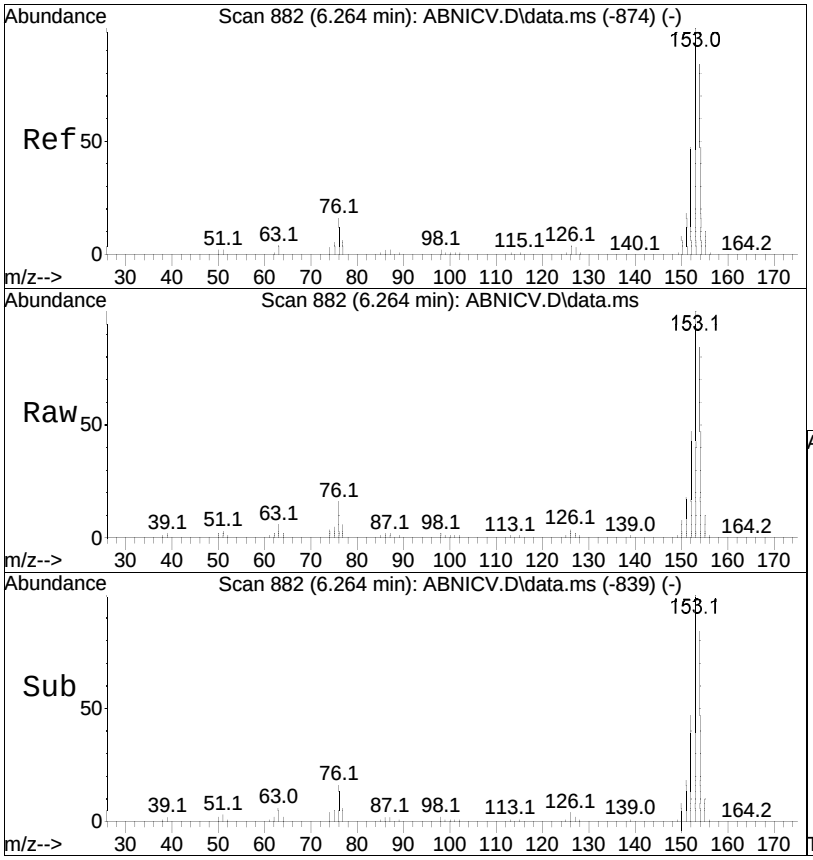


#64
3-Nitroaniline
Concen: 52.01 ug/ml
RT: 6.223 min Scan# 875
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:138 Resp: 90382

Ion	Ratio	Lower	Upper
138	100		
92	95.4	77.5	116.3
108	13.2	7.0	10.4#

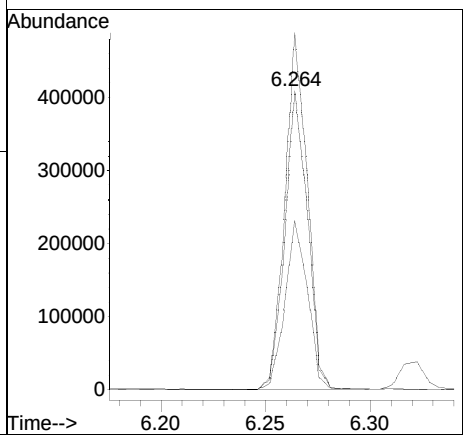


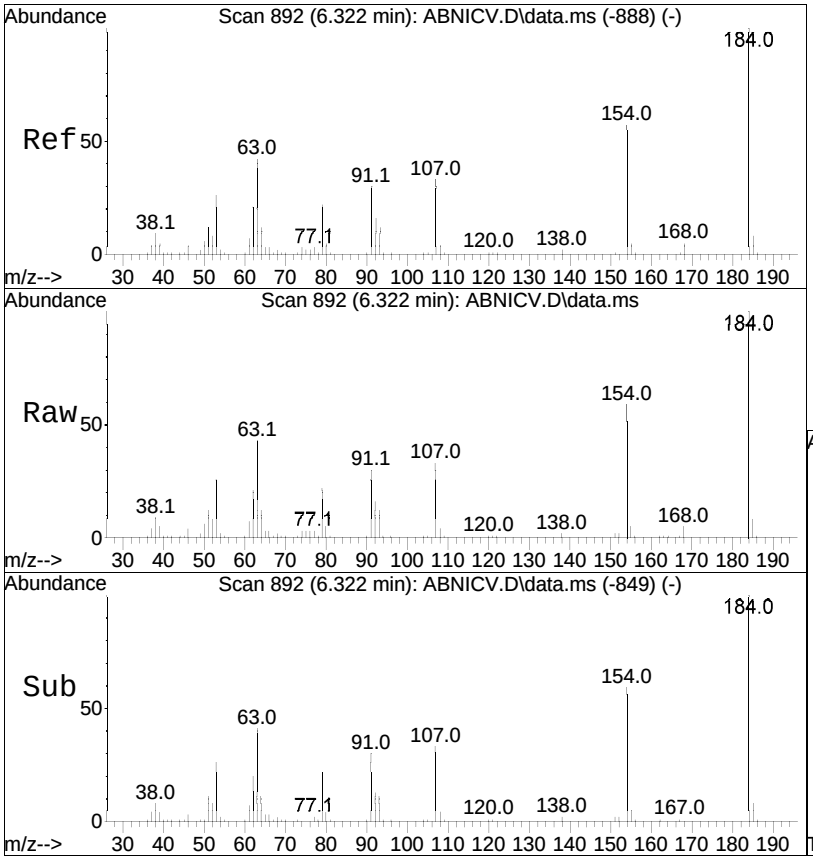


#65
Acenaphthene
Concen: 49.42 ug/ml
RT: 6.264 min Scan# 882
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:154 Resp: 308889

Ion	Ratio	Lower	Upper
154	100		
153	118.4	89.4	134.0
152	56.5	42.2	63.2

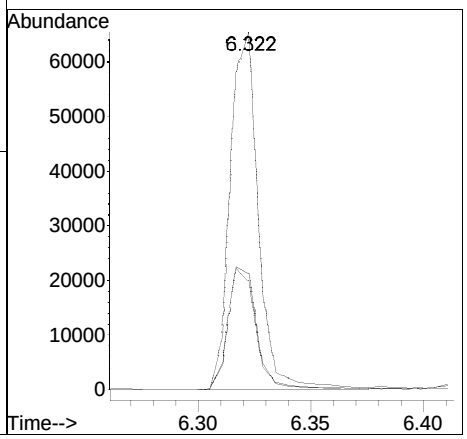


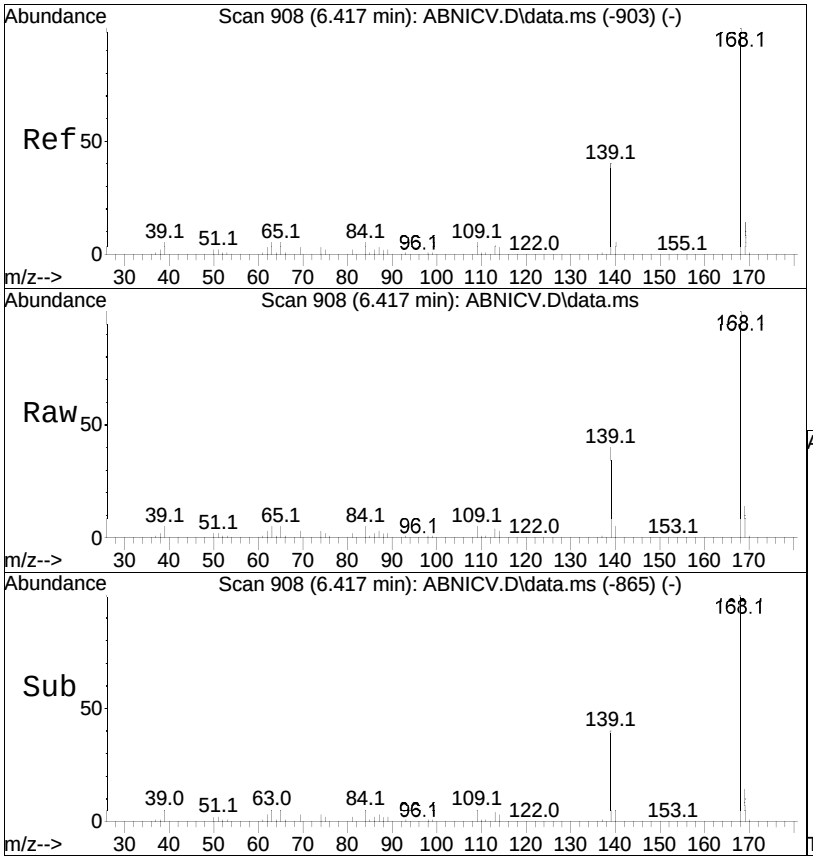


#66
2,4-Dinitrophenol
Concen: 50.71 ug/ml
RT: 6.322 min Scan# 892
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:184 Resp: 56671

Ion	Ratio	Lower	Upper
184	100		
107	35.8	31.4	47.2
91	35.2	37.2	55.8#

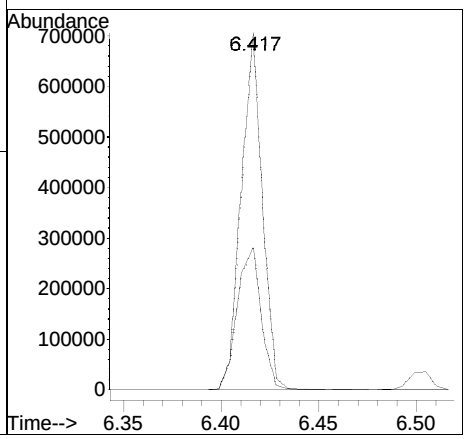


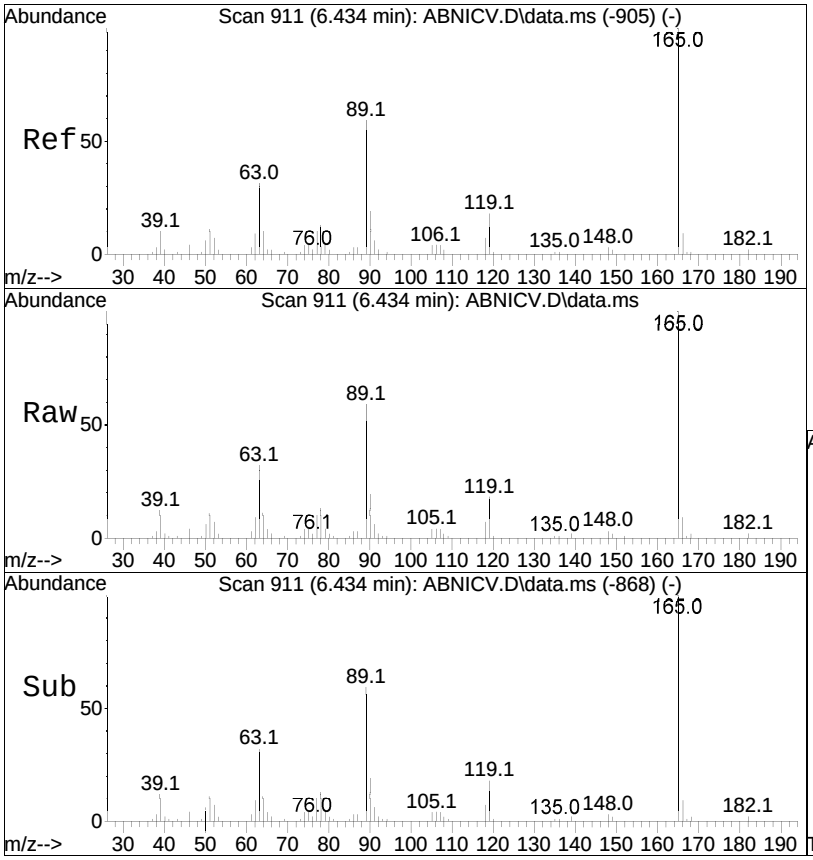


#67
Dibenzofuran
Concen: 49.90 ug/ml
RT: 6.417 min Scan# 908
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:168 Resp: 525142

Ion	Ratio	Lower	Upper
168	100		
139	46.3	28.0	42.0#

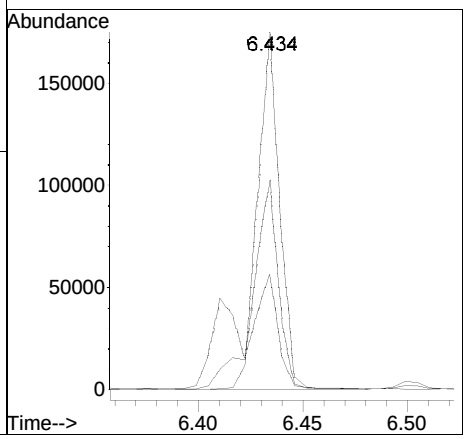


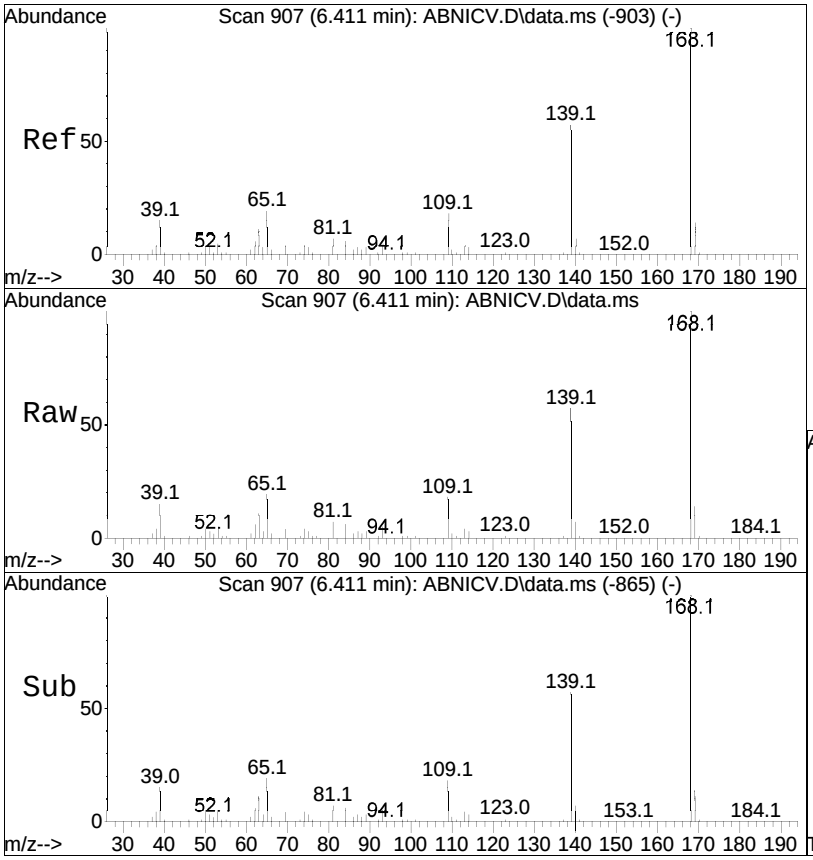


#68
2,4-Dinitrotoluene
Concen: 52.38 ug/ml
RT: 6.434 min Scan# 911
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:165 Resp: 126252

Ion	Ratio	Lower	Upper
165	100		
89	68.4	63.0	94.6
63	31.8	50.3	75.5#

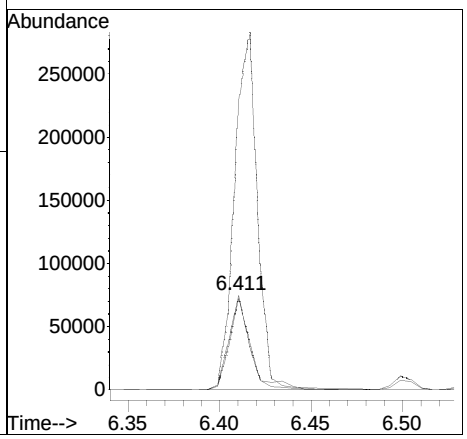


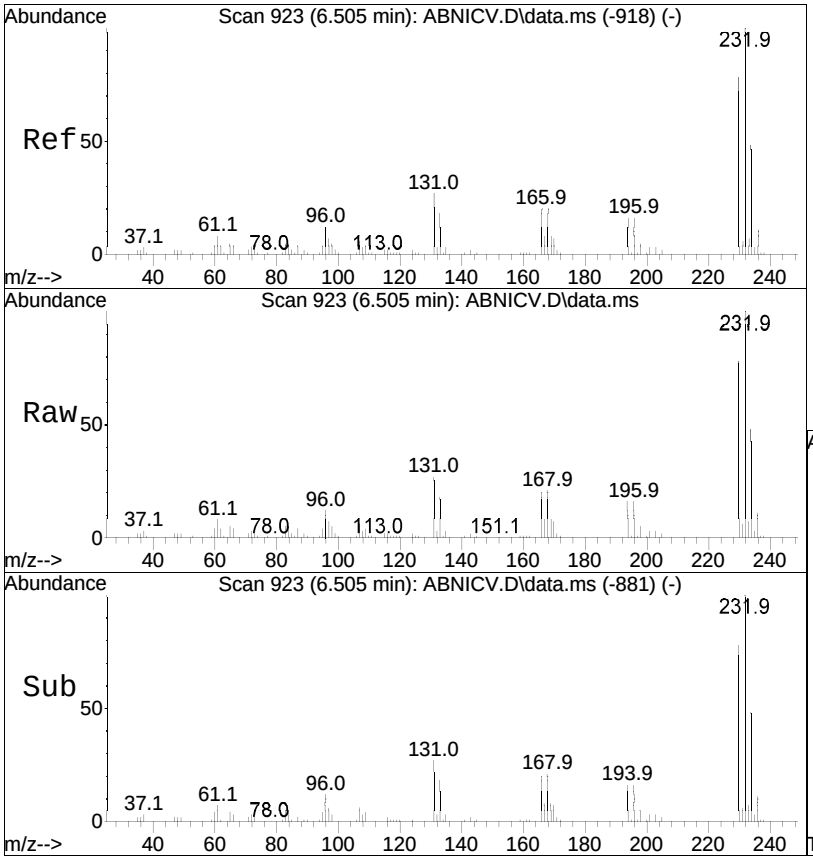


#69
4-Nitrophenol
Concen: 52.72 ug/ml
RT: 6.411 min Scan# 907
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 65 Resp: 61954

Ion	Ratio	Lower	Upper
65	100		
109	91.7	55.3	82.9#
139	392.8	95.1	142.7#

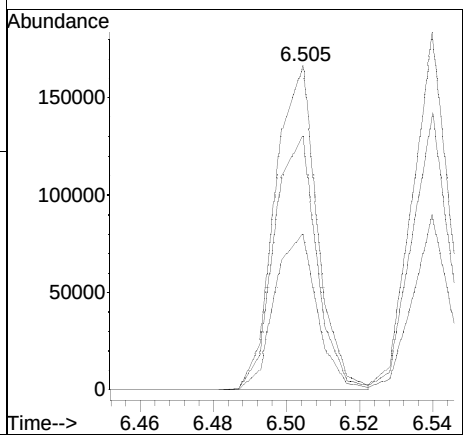


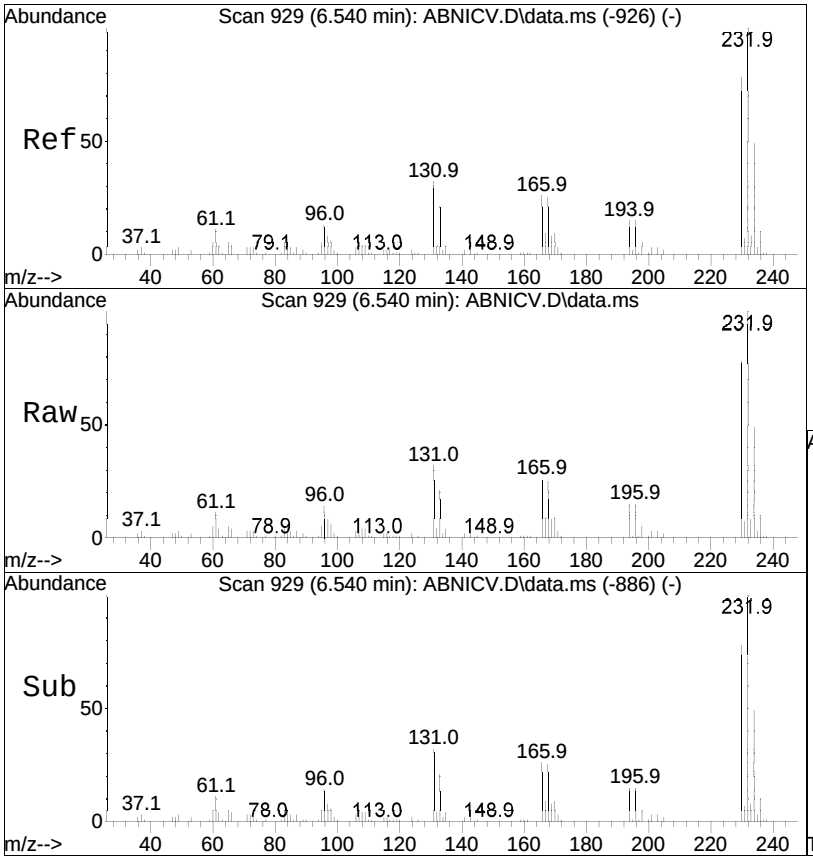


#70
2,3,5,6-Tetrachlorophenol
Concen: 51.95 ug/ml
RT: 6.505 min Scan# 923
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:232 Resp: 133490

Ion	Ratio	Lower	Upper
232	100		
230	79.1	64.4	96.6
234	48.5	38.9	58.3

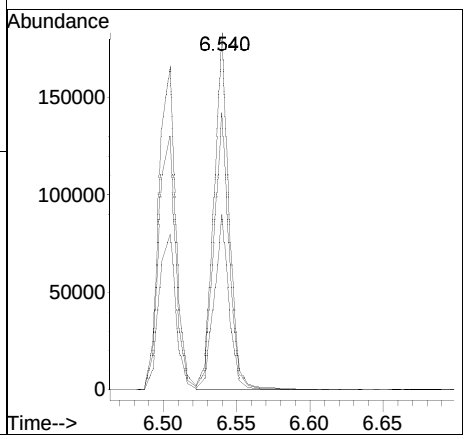


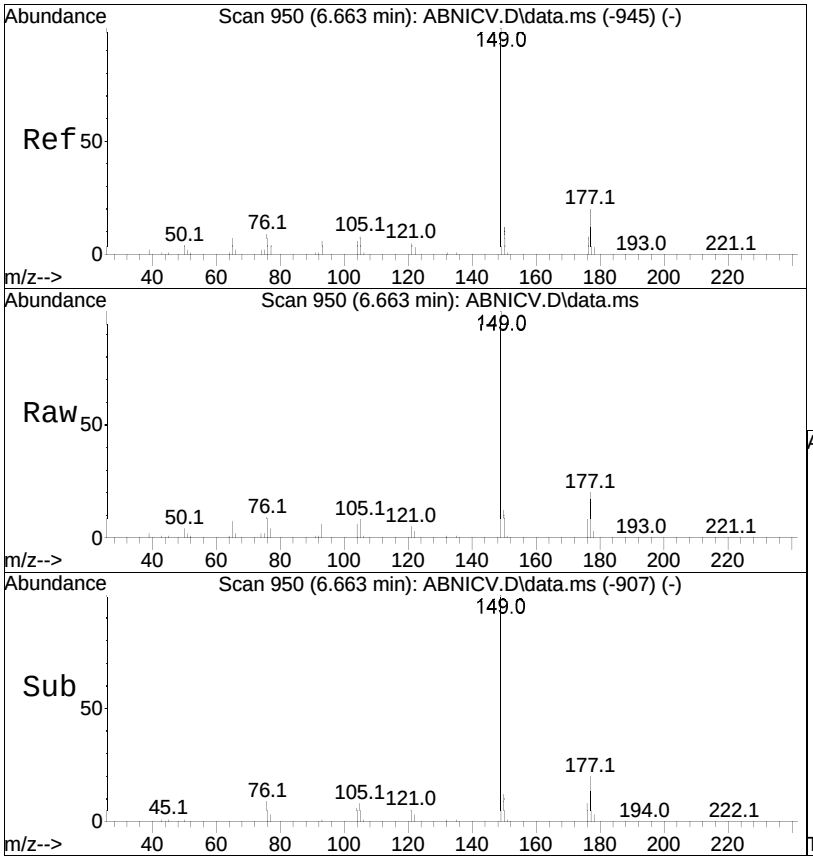


#71
2,3,4,6-Tetrachlorophenol
Concen: 52.52 ug/ml
RT: 6.540 min Scan# 929
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:232 Resp: 133671

Ion	Ratio	Lower	Upper
232	100		
230	78.2	64.2	96.4
234	48.0	38.4	57.6

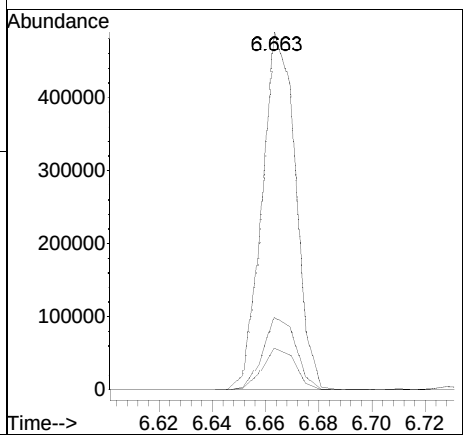


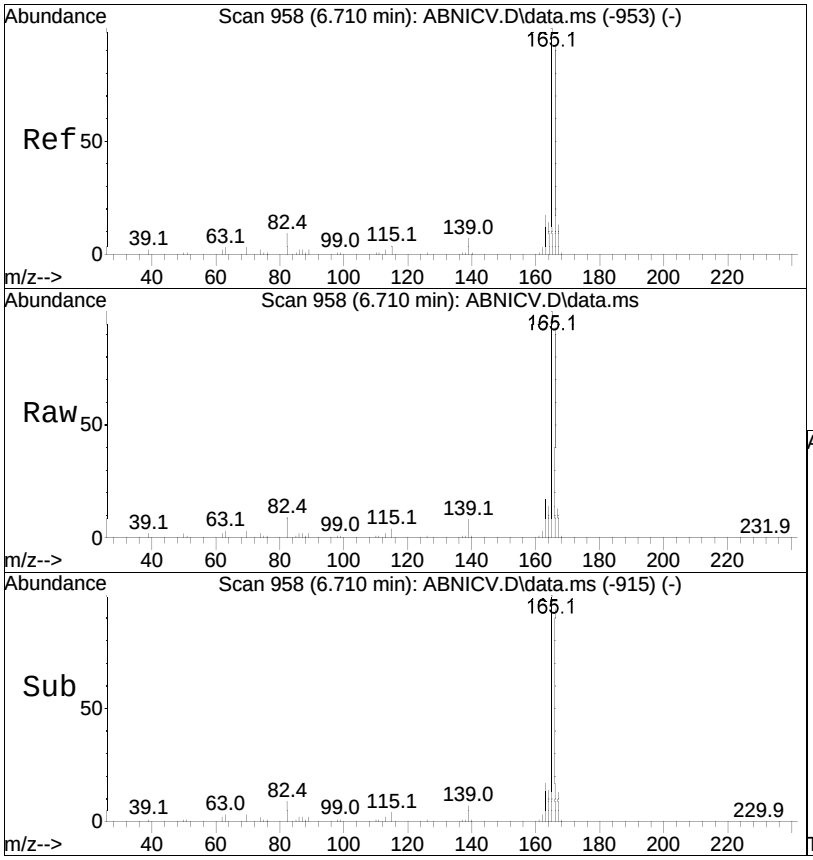


#72
Diethyl phthalate
Concen: 50.36 ug/ml
RT: 6.663 min Scan# 950
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:149 Resp: 420703

Ion	Ratio	Lower	Upper
149	100		
177	20.3	16.2	24.2
150	11.7	9.4	14.0

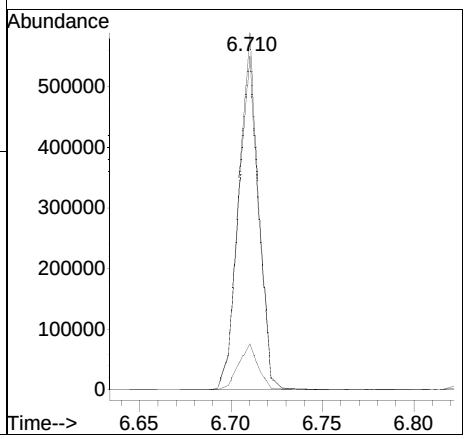


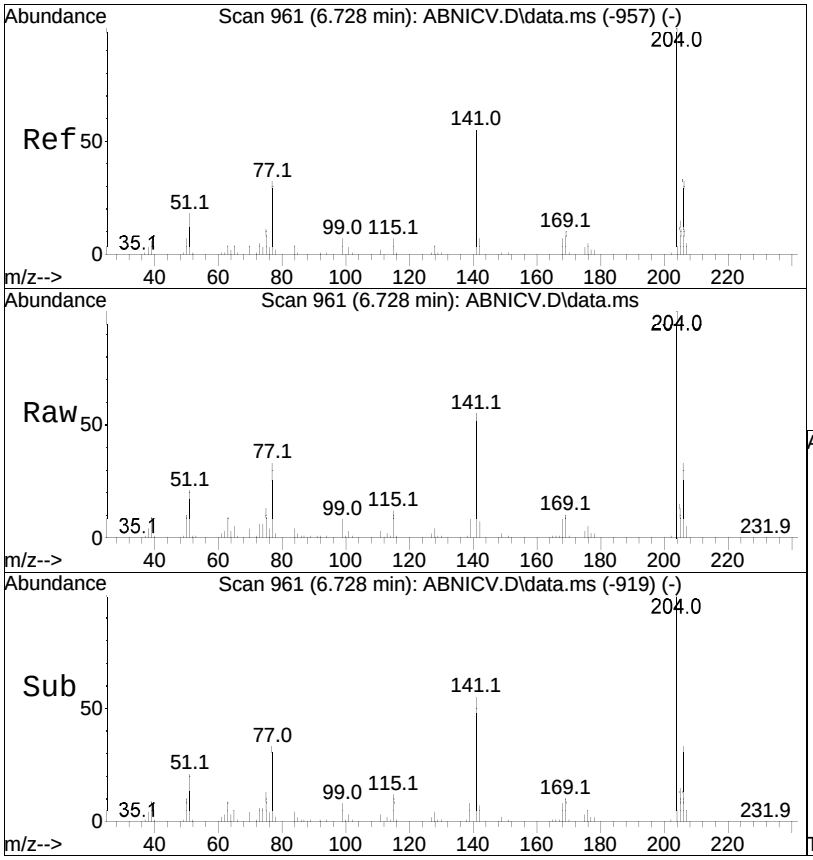


#73
Fluorene
Concen: 50.81 ug/ml
RT: 6.710 min Scan# 958
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:166 Resp: 420492

Ion	Ratio	Lower	Upper
166	100		
165	105.3	77.2	115.8
167	13.6	10.9	16.3

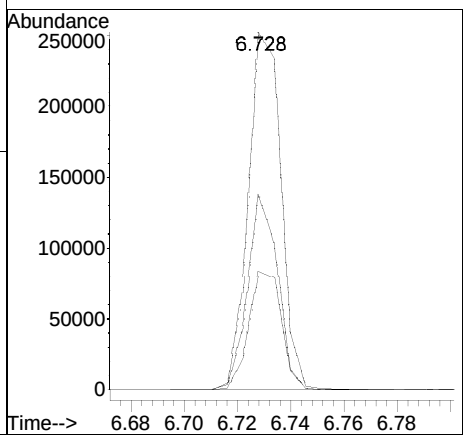


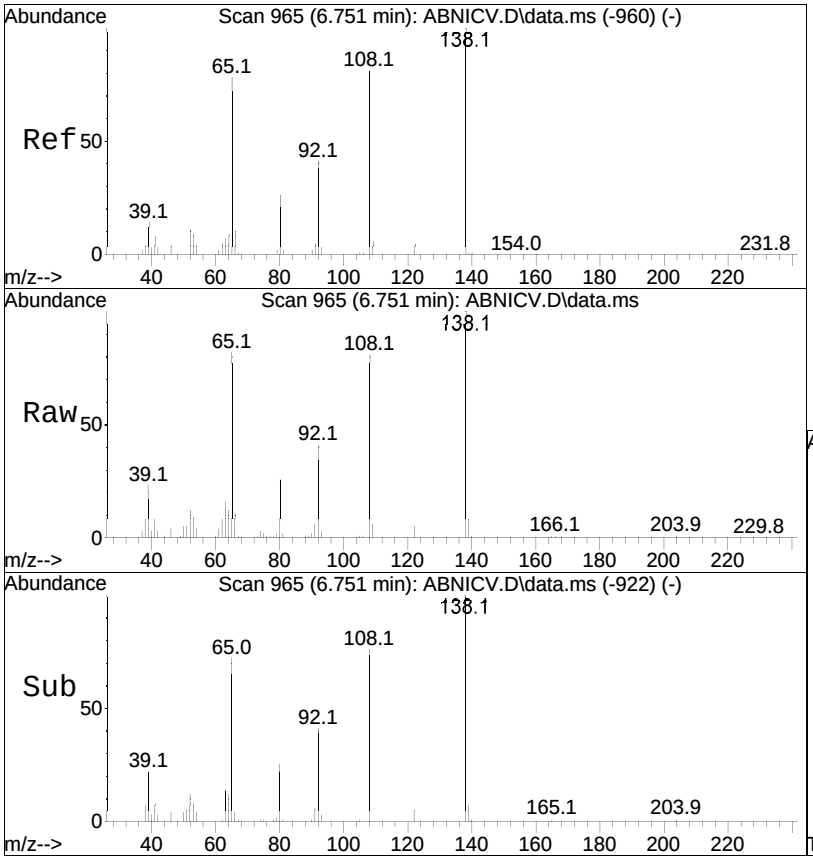


#74
4-Chlorophenyl phenyl ether
Concen: 49.20 ug/ml
RT: 6.728 min Scan# 961
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:204 Resp: 213881

Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.0	40.6
141	50.5	42.2	63.2

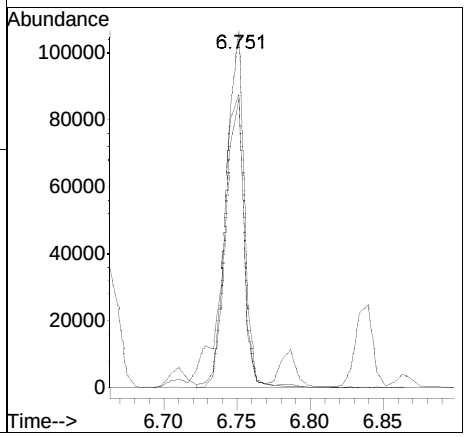


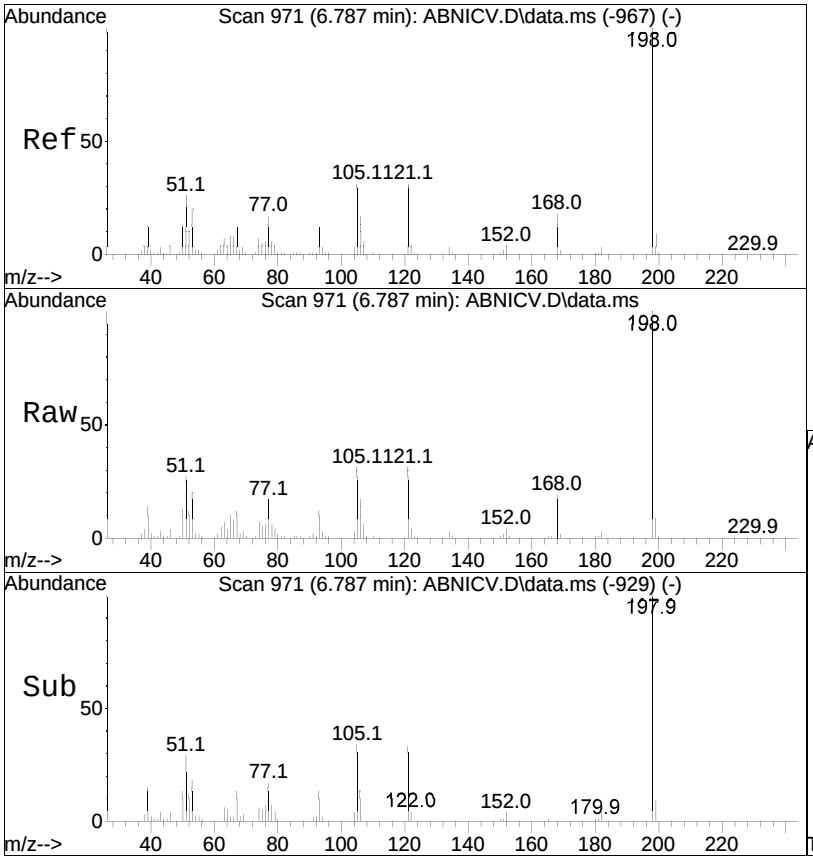


#75
4-Nitroaniline
Concen: 54.25 ug/ml
RT: 6.751 min Scan# 965
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:138 Resp: 90996

Ion	Ratio	Lower	Upper
138	100		
108	81.1	46.7	70.1#
65	98.4	81.2	121.8

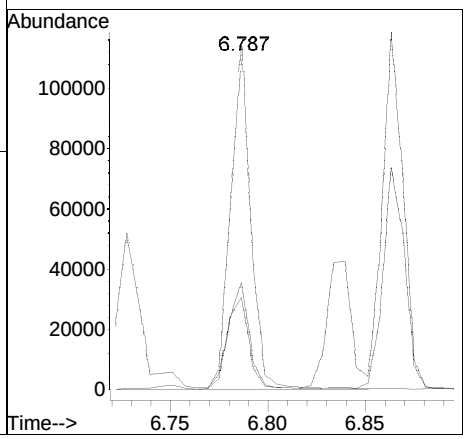


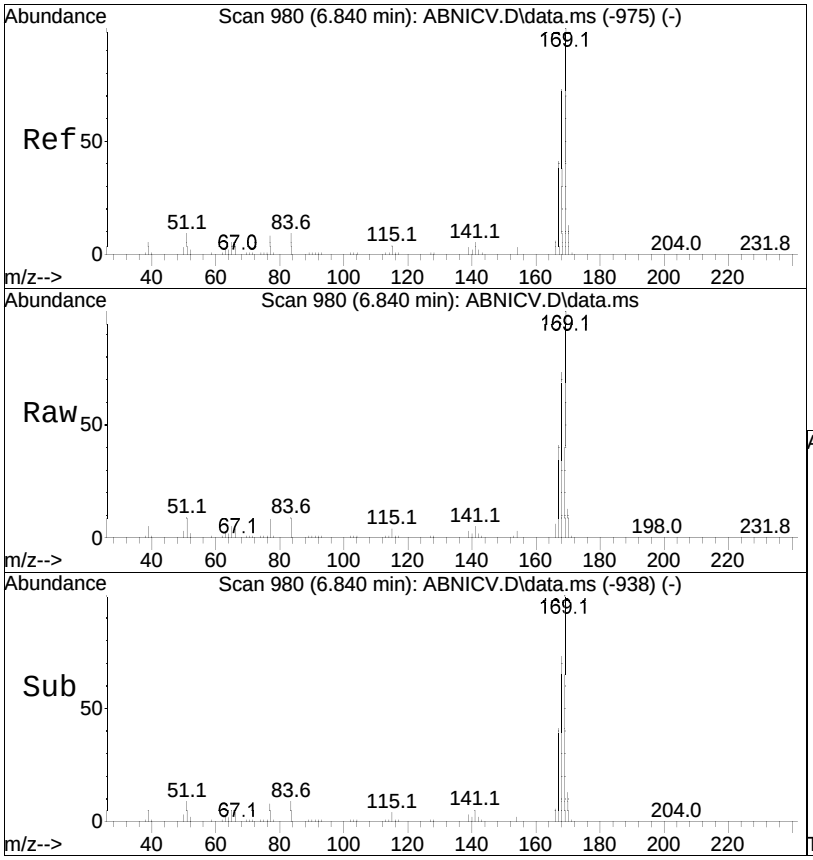


#76
4,6-Dinitro-o-cresol
Concen: 56.53 ug/ml
RT: 6.787 min Scan# 971
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:198 Resp: 82269

Ion	Ratio	Lower	Upper
198	100		
51	29.1	35.0	52.6#
105	32.5	32.3	48.5

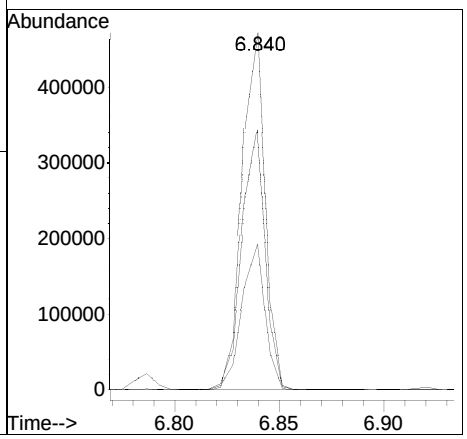


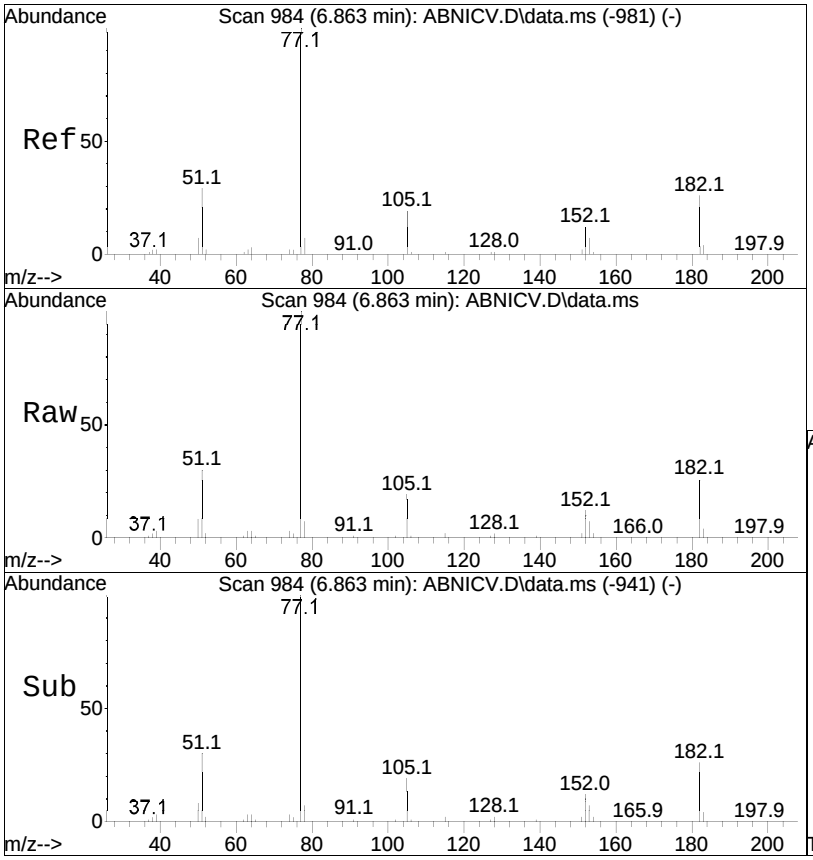


#77
NDPA/DPA
Concen: 50.63 ug/ml
RT: 6.840 min Scan# 980
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:169 Resp: 361488

Ion	Ratio	Lower	Upper
169	100		
168	73.7	54.6	82.0
167	41.8	30.7	46.1

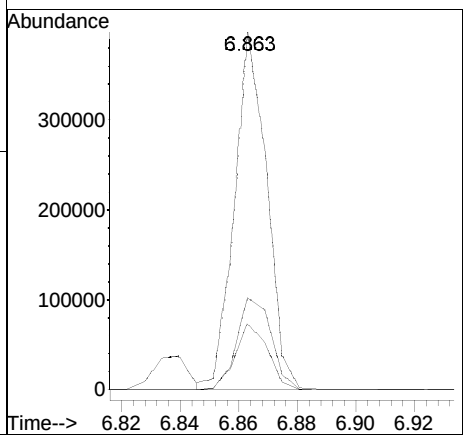


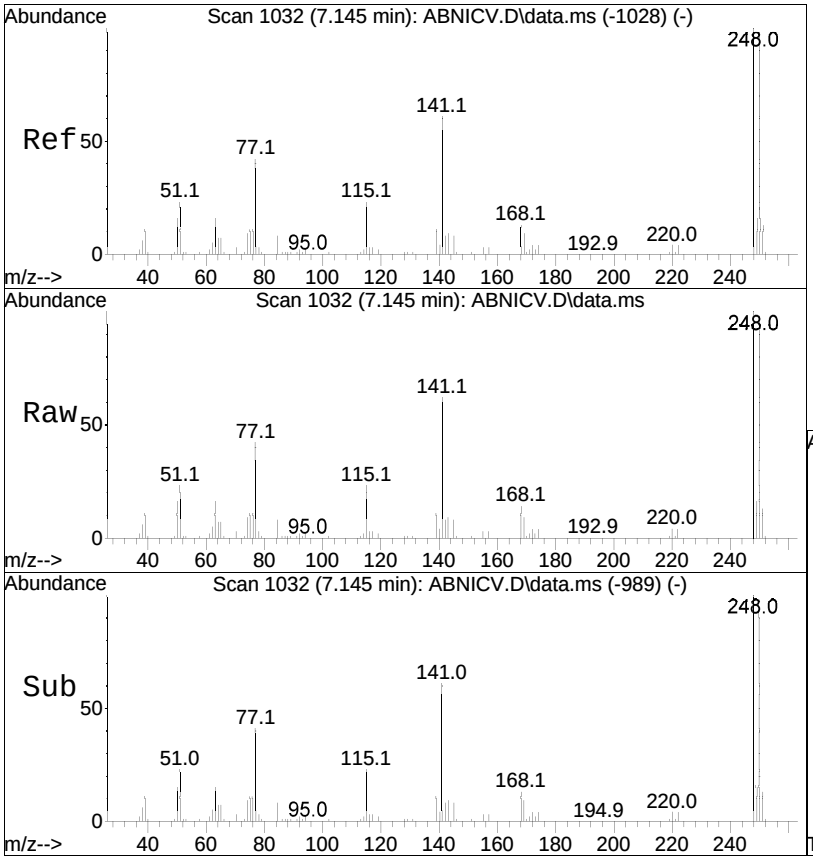


#78
Azobenzene
Concen: 48.59 ug/ml
RT: 6.863 min Scan# 984
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 77 Resp: 301095

Ion	Ratio	Lower	Upper
77	100		
182	27.8	19.8	29.8
105	19.2	12.1	18.1#

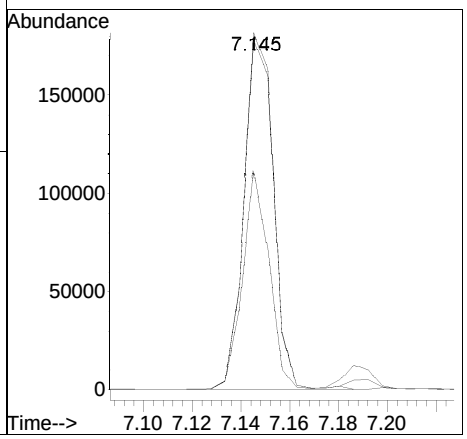


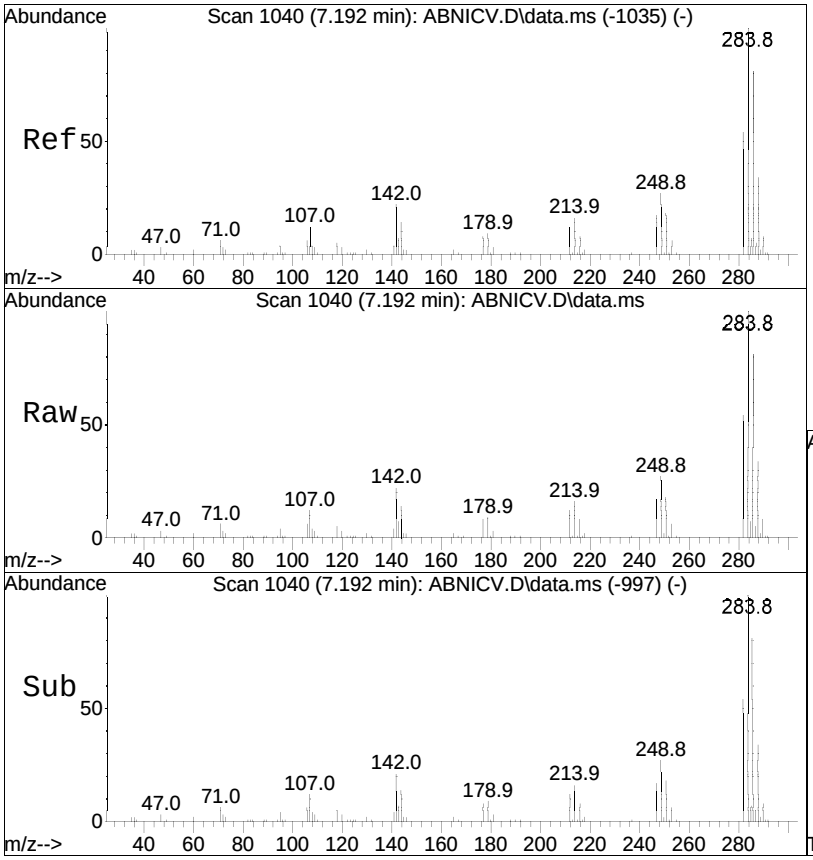


#80
4-Bromophenyl phenyl ether
Concen: 50.25 ug/ml
RT: 7.145 min Scan# 1032
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:248 Resp: 152782

Ion	Ratio	Lower	Upper
248	100		
141	55.1	46.6	70.0
250	97.7	79.4	119.2

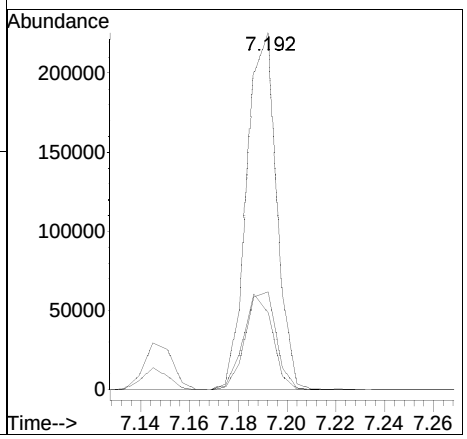


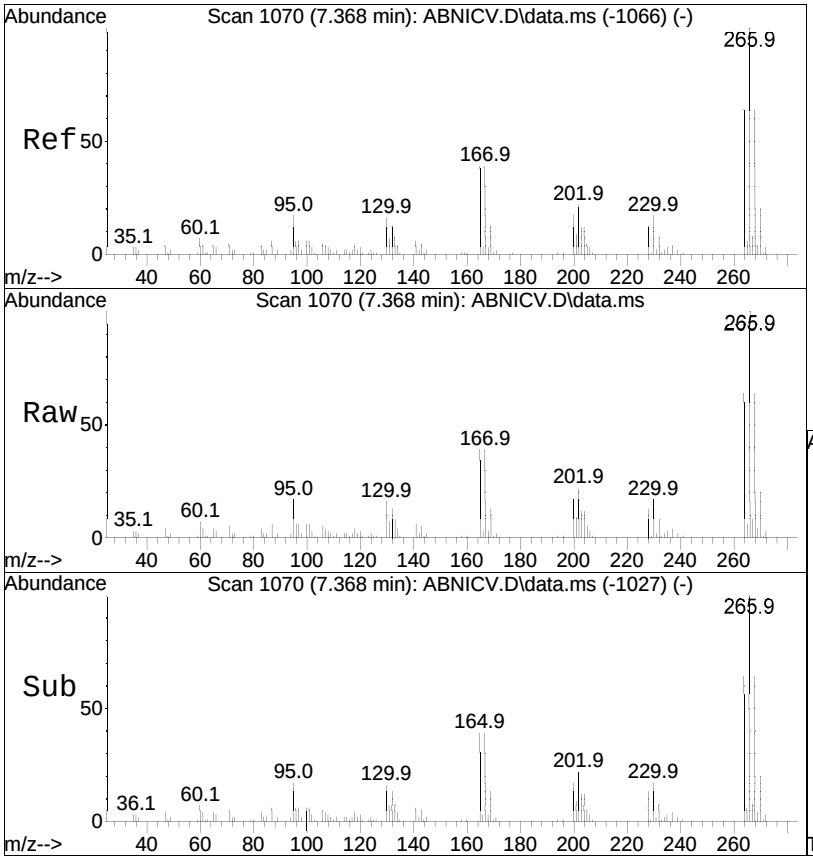


#81
Hexachlorobenzene
Concen: 51.27 ug/ml
RT: 7.192 min Scan# 1040
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:284 Resp: 191814

Ion	Ratio	Lower	Upper
284	100		
142	26.4	26.0	39.0
249	28.4	20.6	30.8

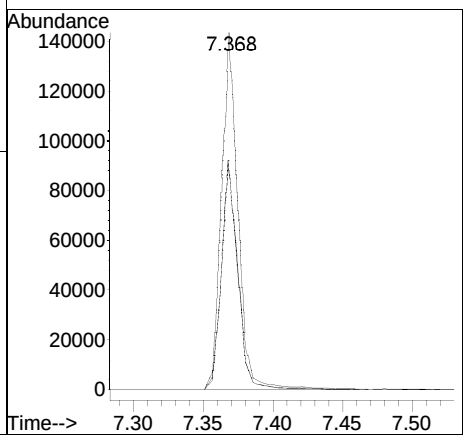


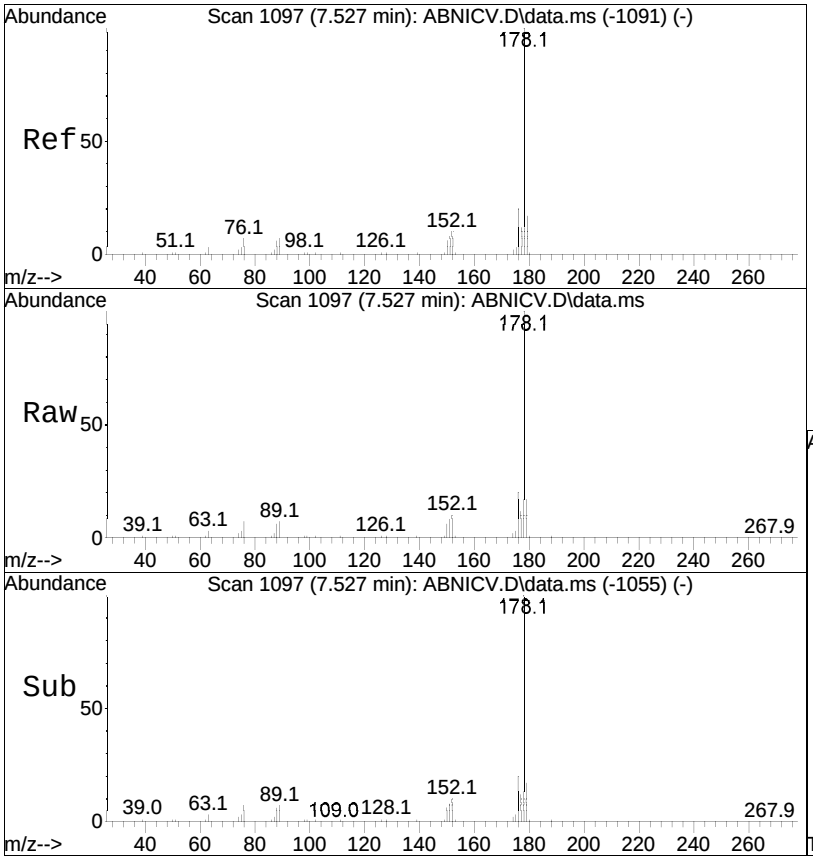


#82
Pentachlorophenol
Concen: 57.29 ug/ml
RT: 7.368 min Scan# 1070
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:266 Resp: 117610

Ion	Ratio	Lower	Upper
266	100		
264	63.4	51.2	76.8
268	63.6	51.5	77.3

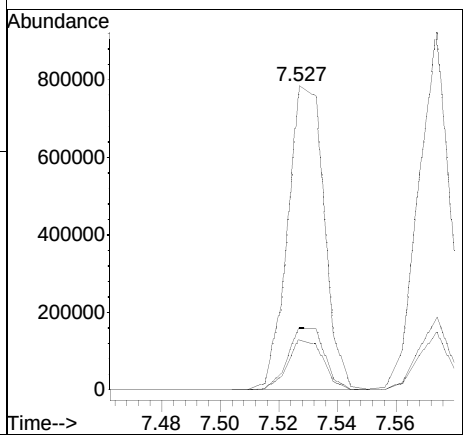


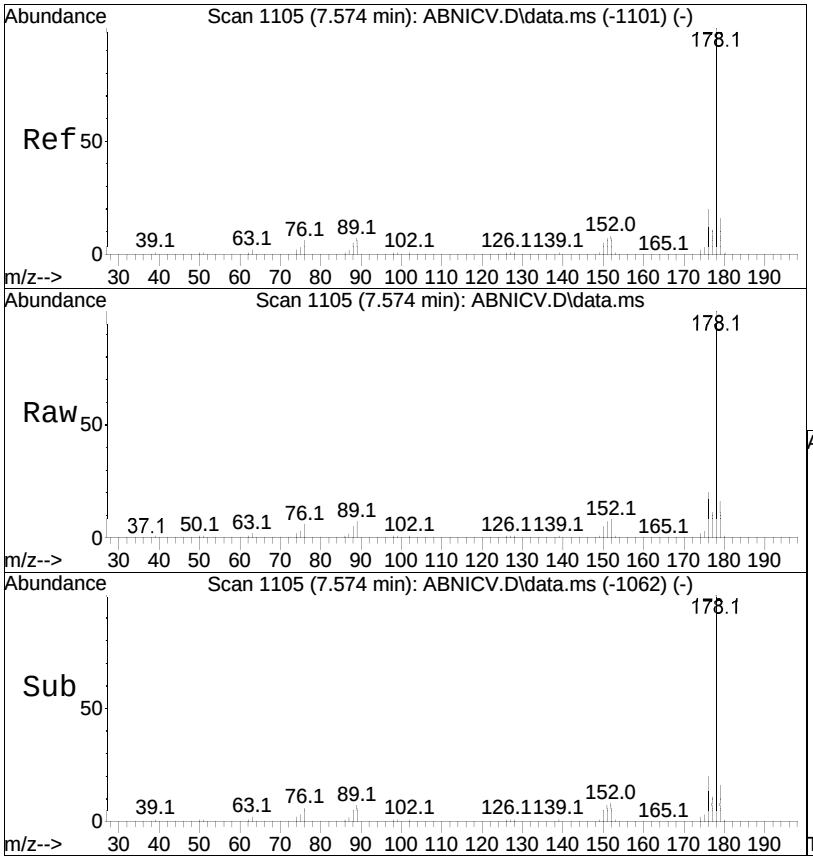


#89
Phenanthrene
Concen: 47.69 ug/ml
RT: 7.527 min Scan# 1097
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:178 Resp: 681234

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.7	19.1
176	20.5	15.8	23.6

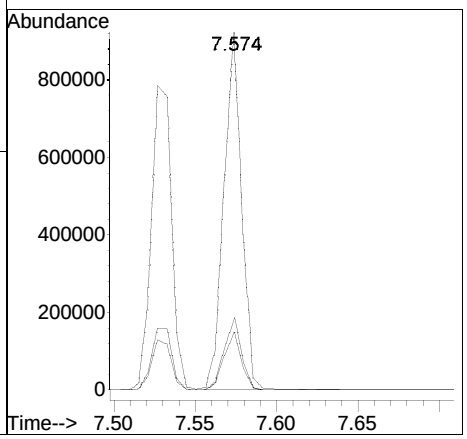


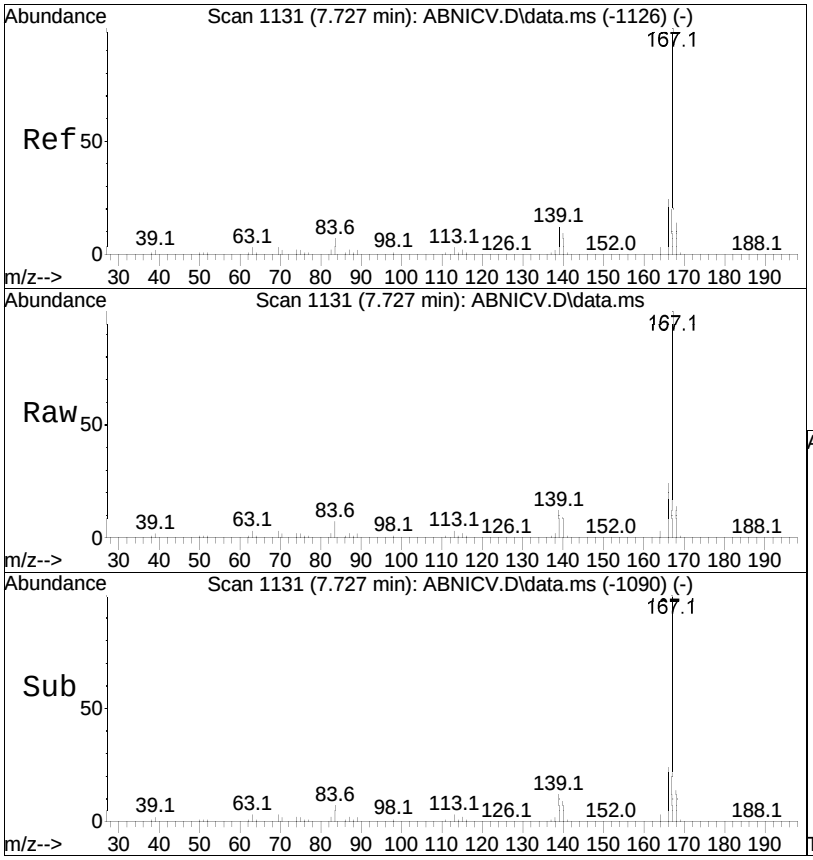


#90
Anthracene
Concen: 48.68 ug/ml
RT: 7.574 min Scan# 1105
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:178 Resp: 699344

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.5	18.7
176	19.9	15.4	23.0

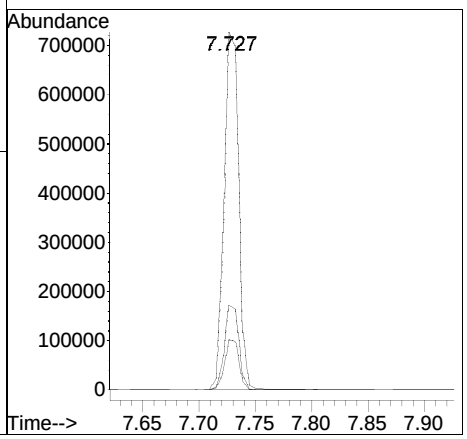


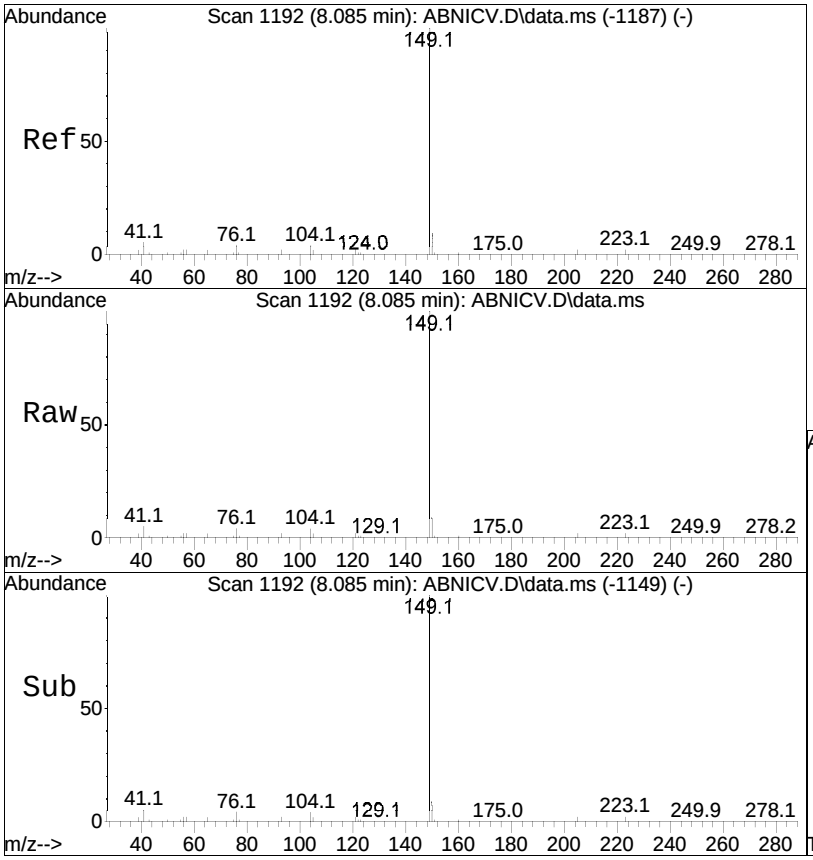


#91
Carbazole
Concen: 48.98 ug/ml
RT: 7.727 min Scan# 1131
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:167 Resp: 647692

Ion	Ratio	Lower	Upper
167	100		
168	14.0	11.3	16.9
166	23.5	17.8	26.8

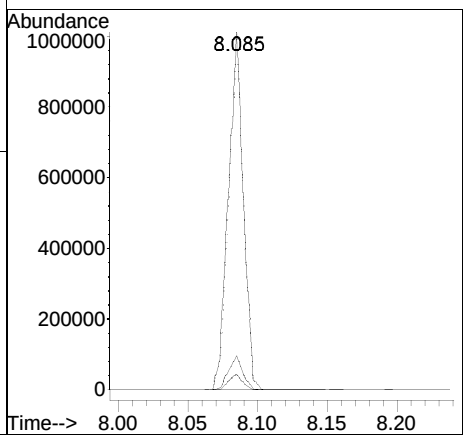


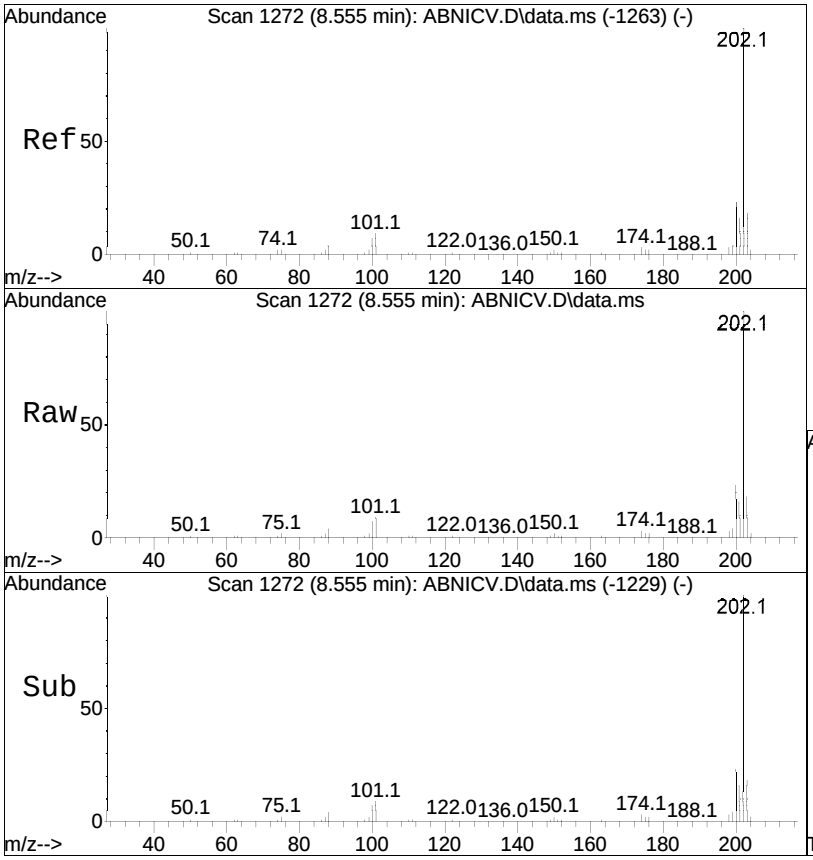


#92
Di-n-butylphthalate
Concen: 48.62 ug/ml
RT: 8.085 min Scan# 1192
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:149 Resp: 736436

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.3	3.8	5.8

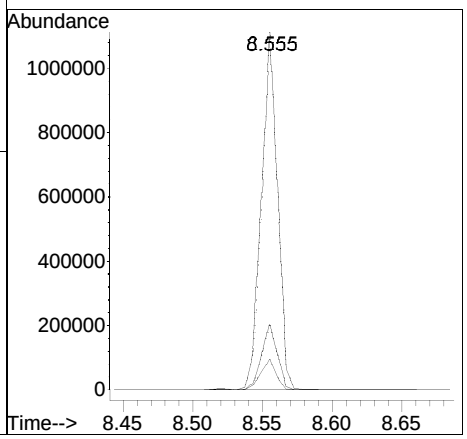


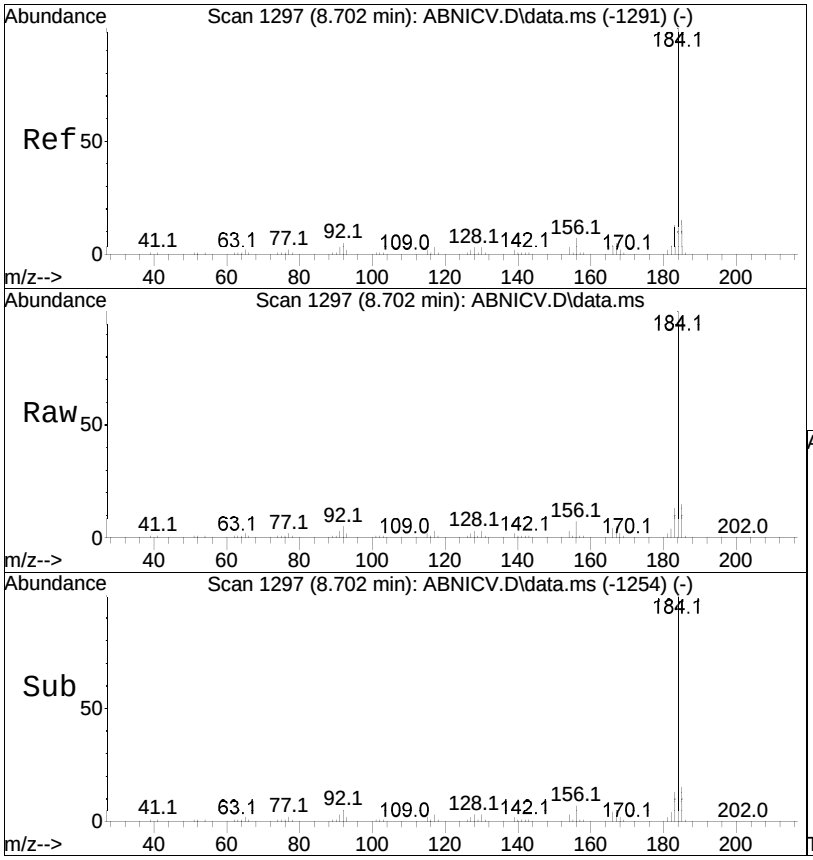


#93
Fluoranthene
Concen: 49.00 ug/ml
RT: 8.555 min Scan# 1272
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:202 Resp: 876097

Ion	Ratio	Lower	Upper
202	100		
101	8.3	12.6	19.0#
203	18.2	14.4	21.6

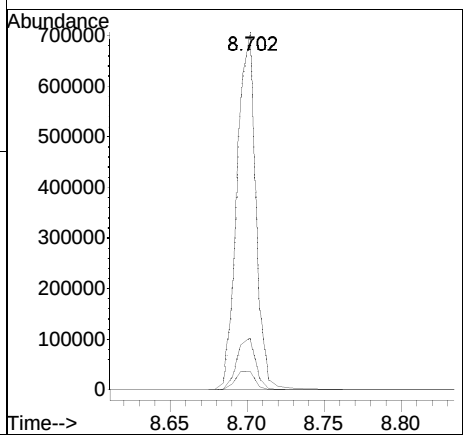


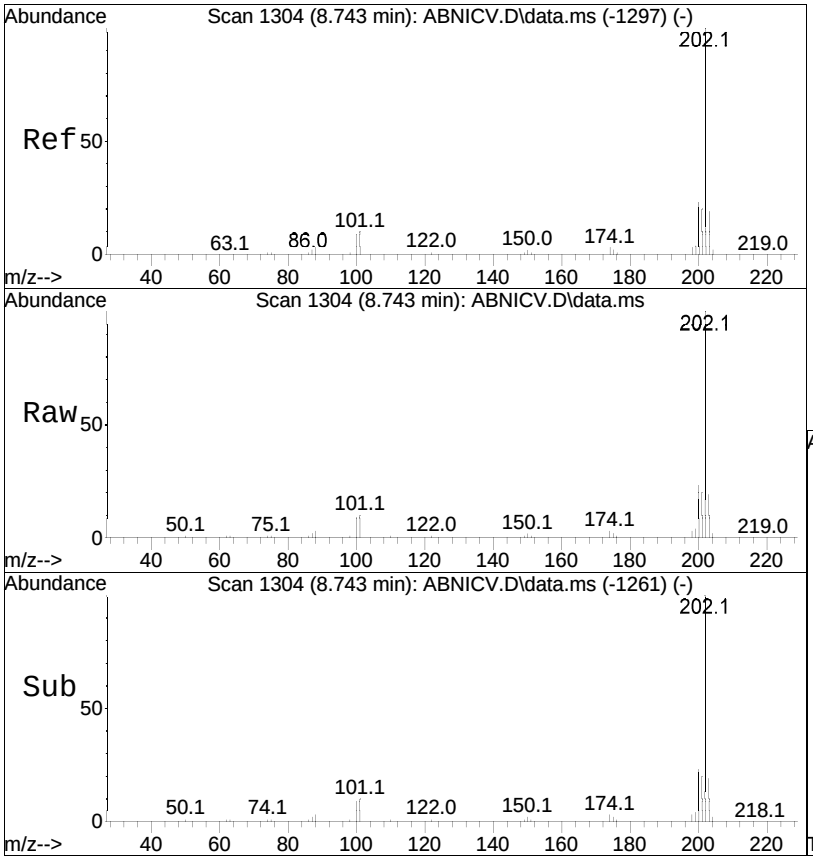


#94
Benzidine
Concen: 48.93 ug/ml
RT: 8.702 min Scan# 1297
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:184 Resp: 594744

Ion	Ratio	Lower	Upper
184	100		
92	5.6	8.4	12.6#
185	14.6	11.5	17.3

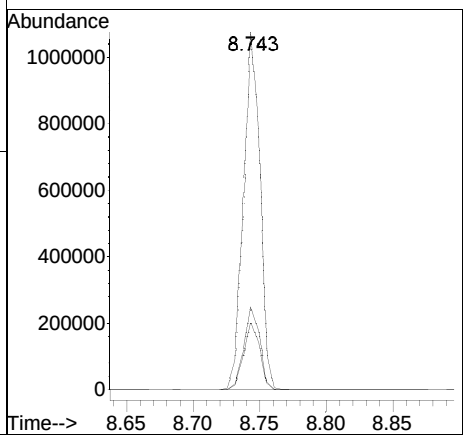


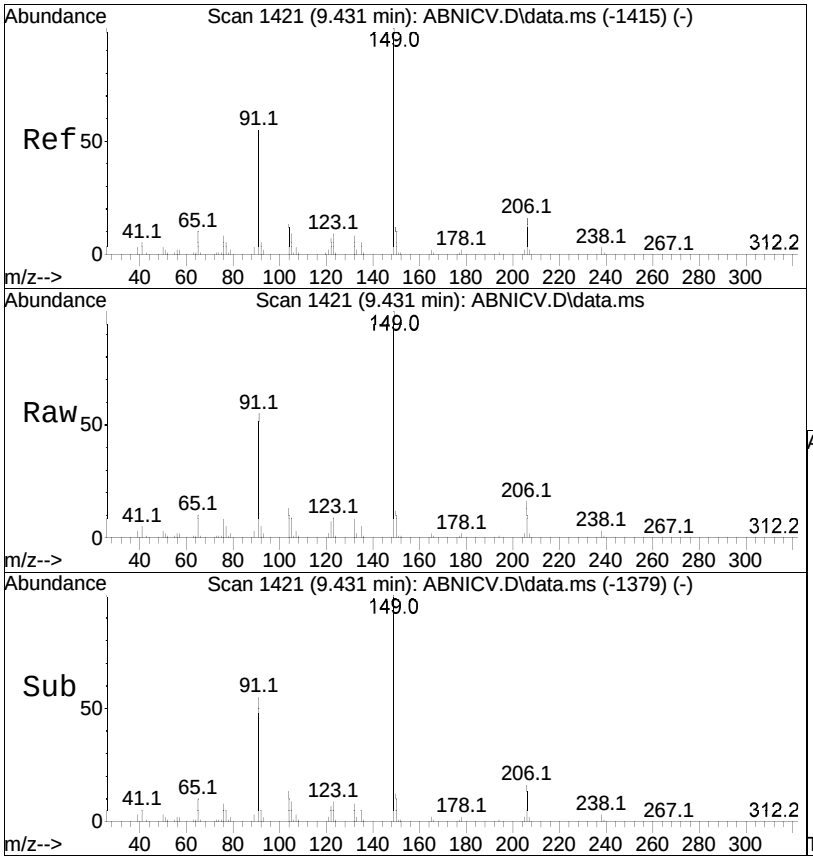


#95
Pyrene
Concen: 48.71 ug/ml
RT: 8.743 min Scan# 1304
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:202 Resp: 909974

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.2	25.8
203	18.5	15.0	22.6

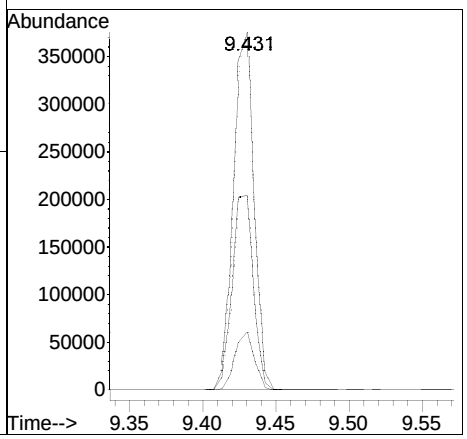


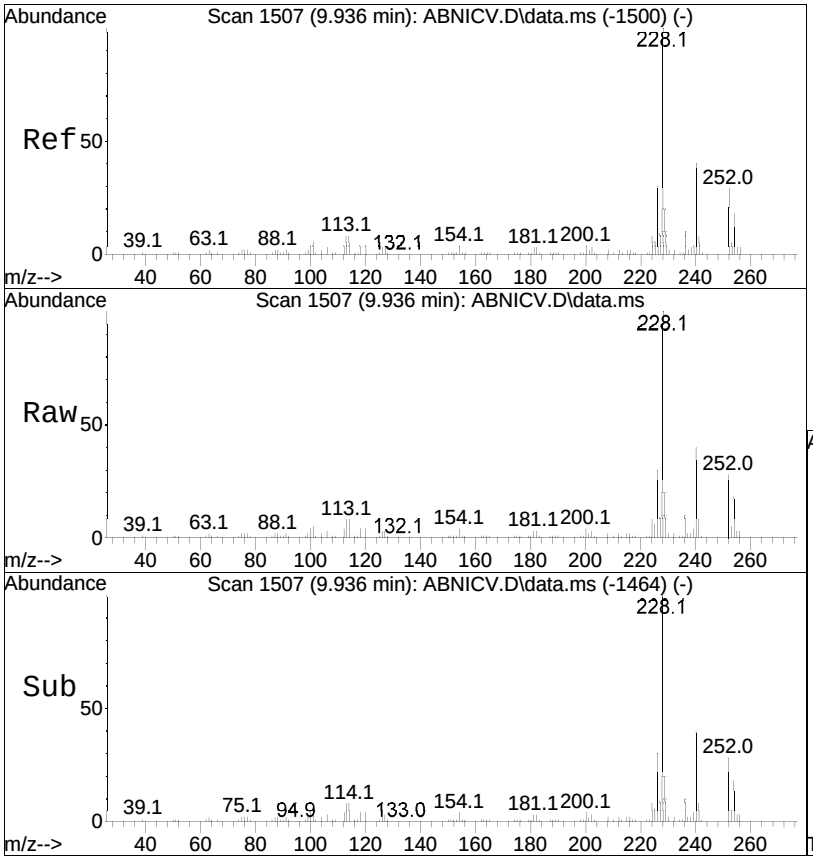


#97
Butyl benzyl phthalate
Concen: 50.25 ug/ml
RT: 9.431 min Scan# 1421
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:149 Resp: 363792

Ion	Ratio	Lower	Upper
149	100		
91	56.0	53.4	80.2
206	15.5	13.3	19.9

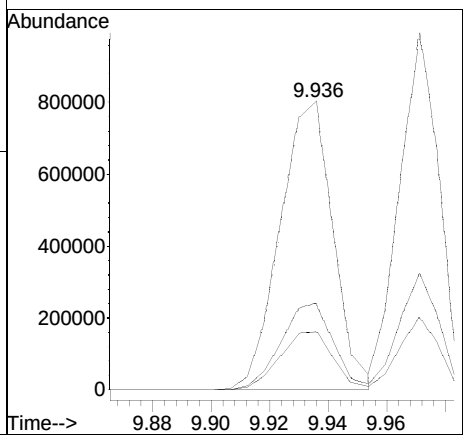


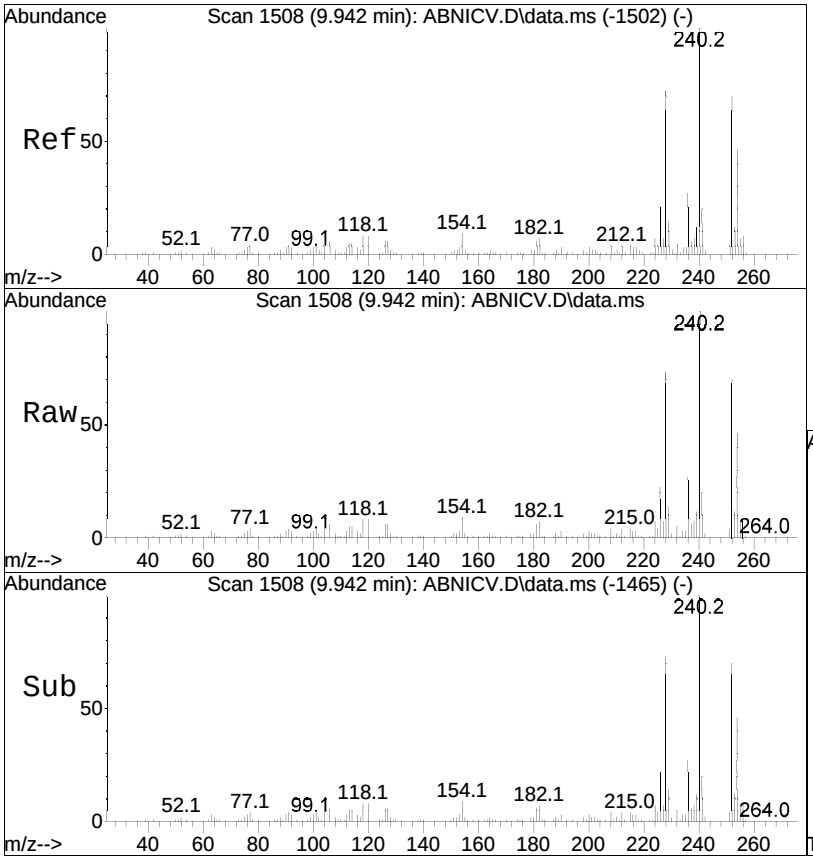


#105
Benzo(a)anthracene
Concen: 47.69 ug/ml
RT: 9.936 min Scan# 1507
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:228 Resp: 1009883

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.9	34.3
229	20.4	16.1	24.1

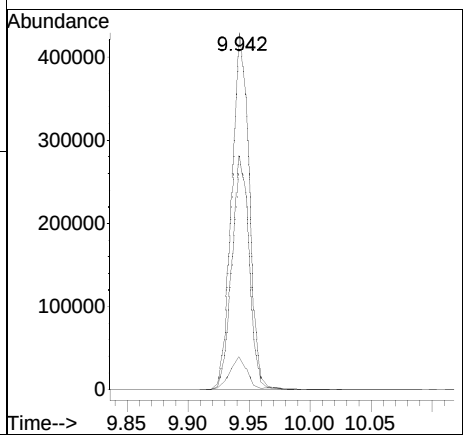


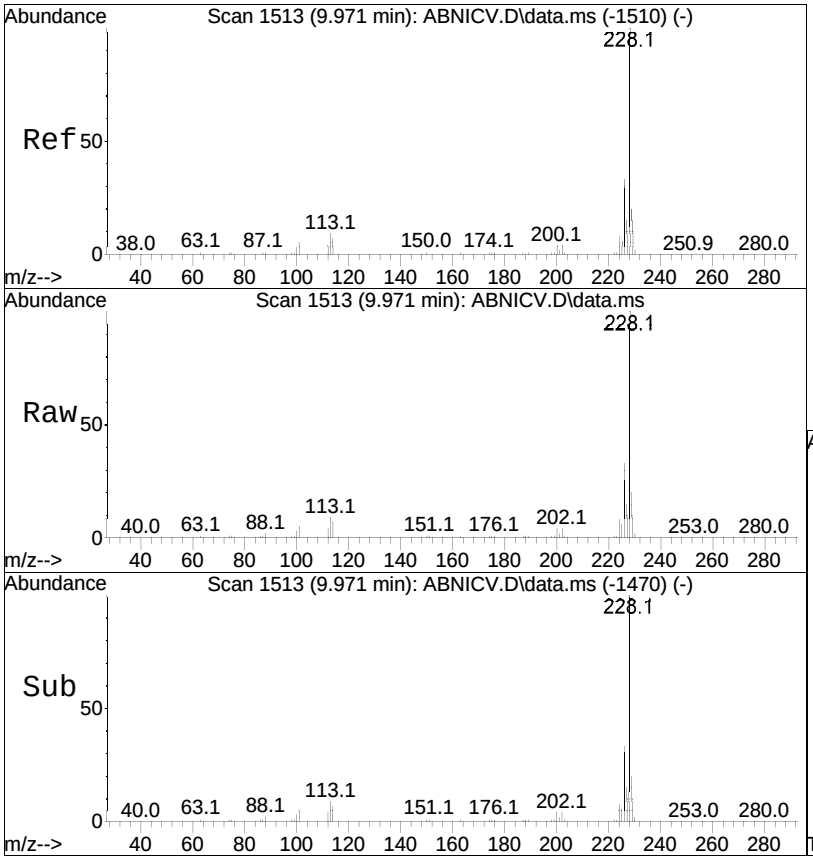


#106
3,3'-Dichlorobenzidine
Concen: 48.21 ug/ml
RT: 9.942 min Scan# 1508
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:252 Resp: 426342

Ion	Ratio	Lower	Upper
252	100		
126	10.0	13.4	20.0#
254	64.8	52.8	79.2

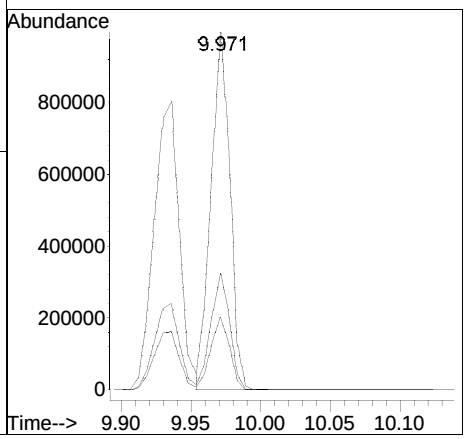


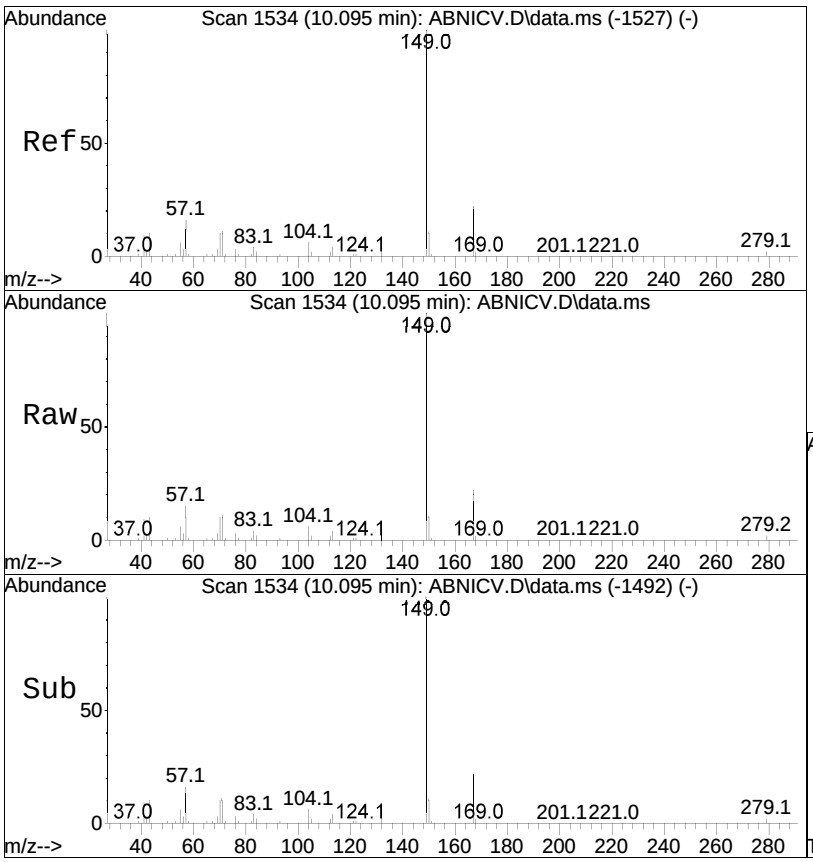


#107
Chrysene
Concen: 49.06 ug/ml
RT: 9.971 min Scan# 1513
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:228 Resp: 941994

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.9	37.3
229	20.2	16.6	24.8

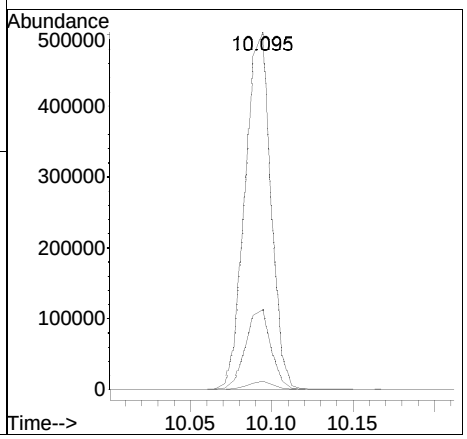


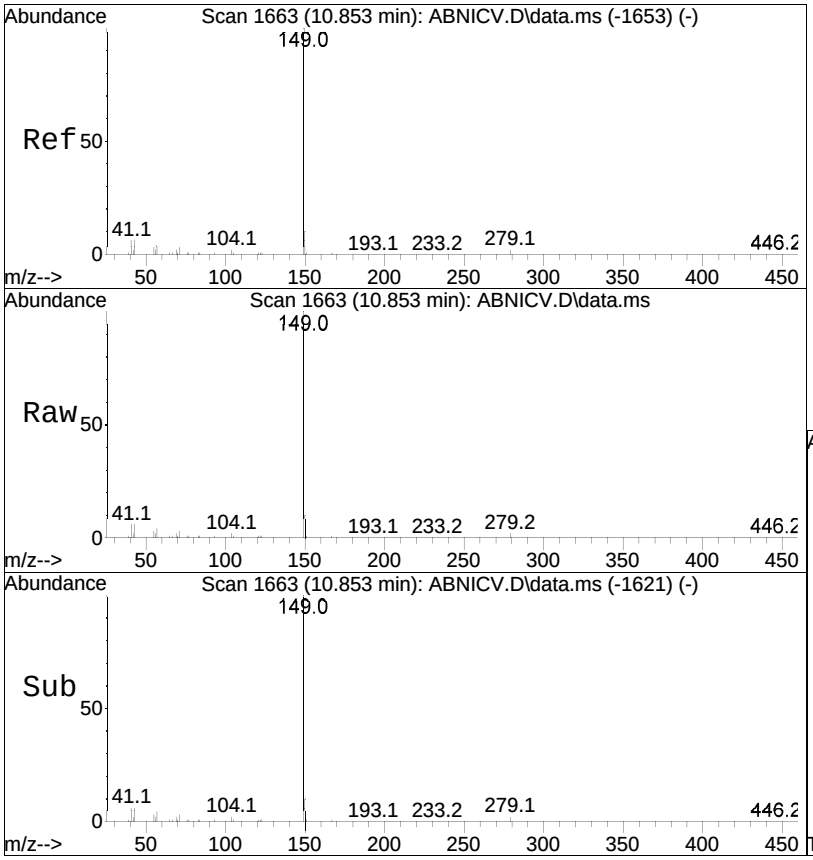


#108
Bis(2-ethylhexyl)phthalate
Concen: 50.55 ug/ml
RT: 10.095 min Scan# 1534
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:149 Resp: 551453

Ion	Ratio	Lower	Upper
149	100		
167	22.2	21.2	31.8
279	2.1	3.8	5.6#

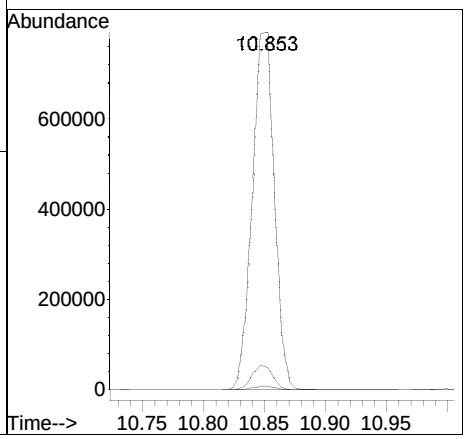


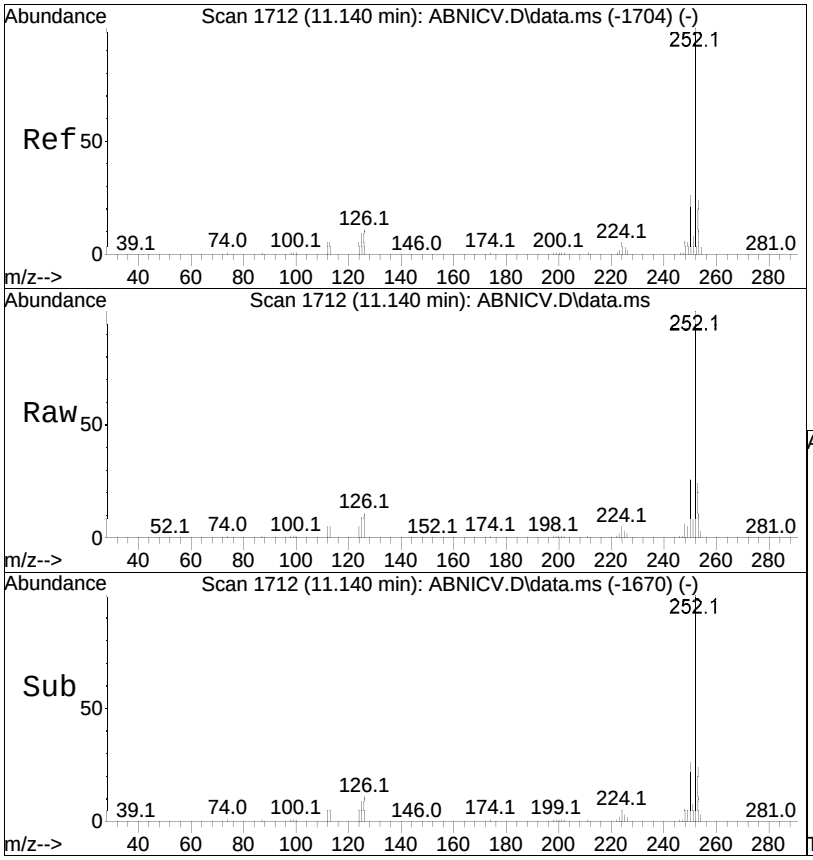


#109
Di-n-octylphthalate
Concen: 50.76 ug/ml
RT: 10.853 min Scan# 1663
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:149 Resp: 983395

Ion	Ratio	Lower	Upper
149	100		
43	6.7	8.0	12.0#
167	1.3	1.0	1.6

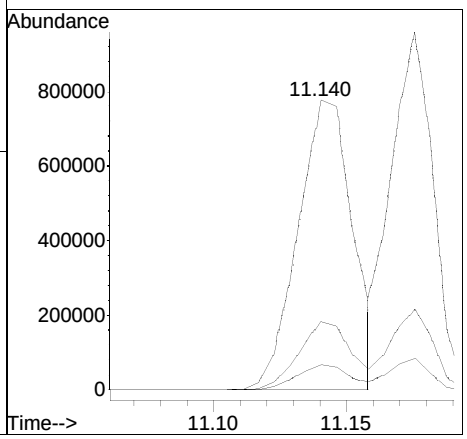


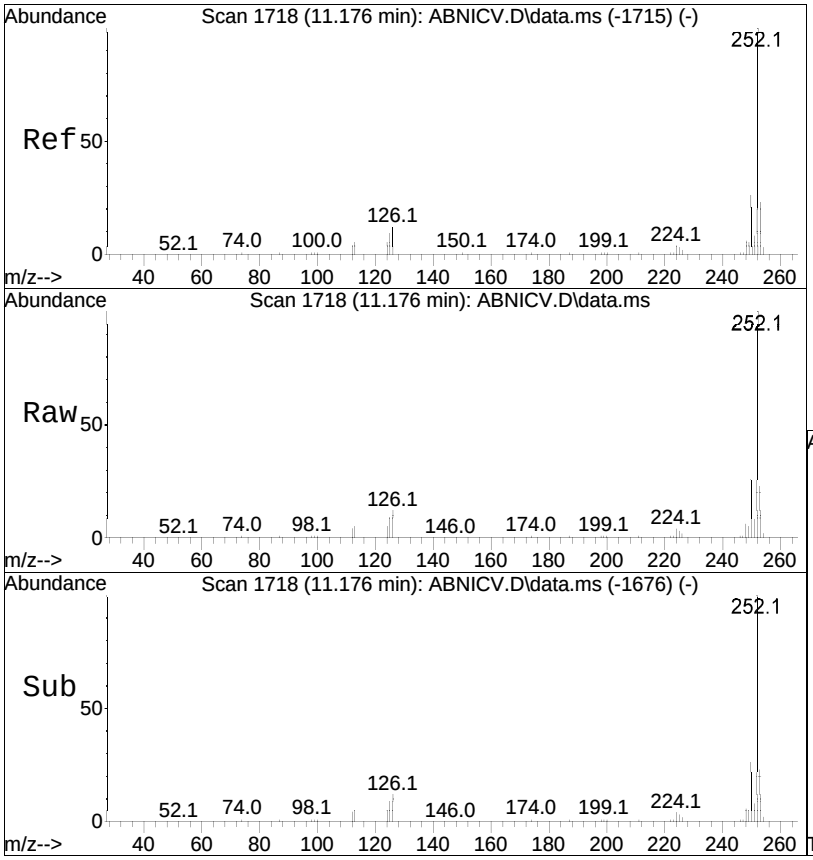


#110
Benzo(b)fluoranthene
Concen: 48.43 ug/ml
RT: 11.140 min Scan# 1712
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:252 Resp: 1115177

Ion	Ratio	Lower	Upper
252	100		
125	8.6	12.6	18.8#
253	22.8	18.2	27.2

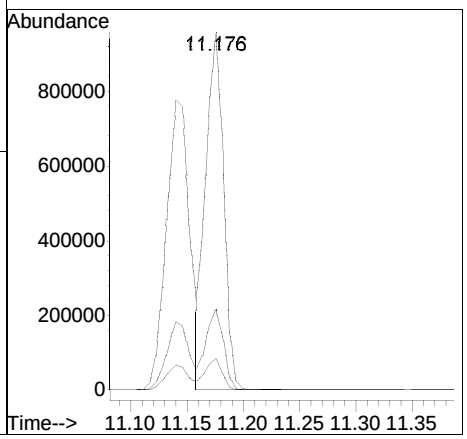


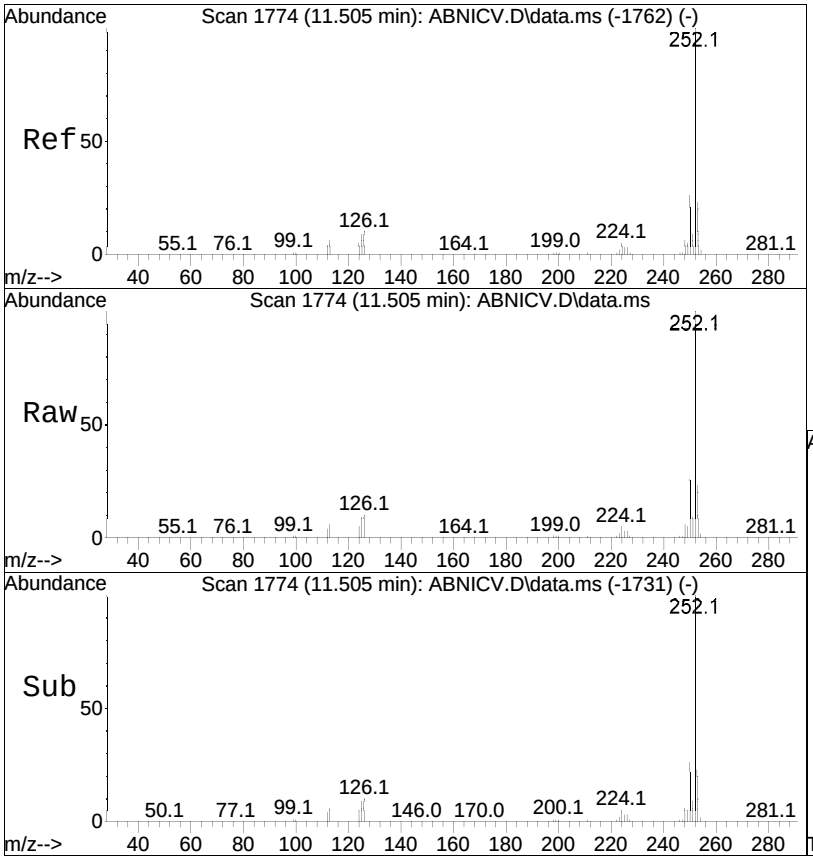


#111
Benzo(k)fluoranthene
Concen: 50.49 ug/ml
RT: 11.176 min Scan# 1718
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:252 Resp: 1055160

Ion	Ratio	Lower	Upper
252	100		
125	8.2	12.1	18.1#
253	22.4	18.1	27.1

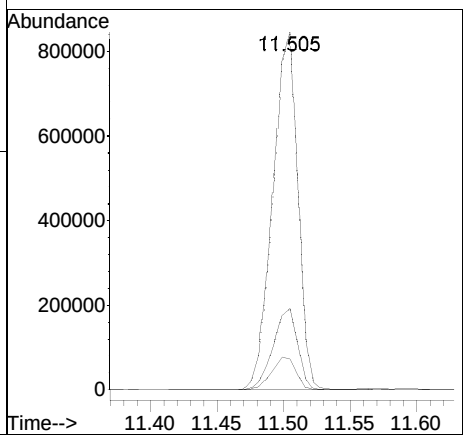


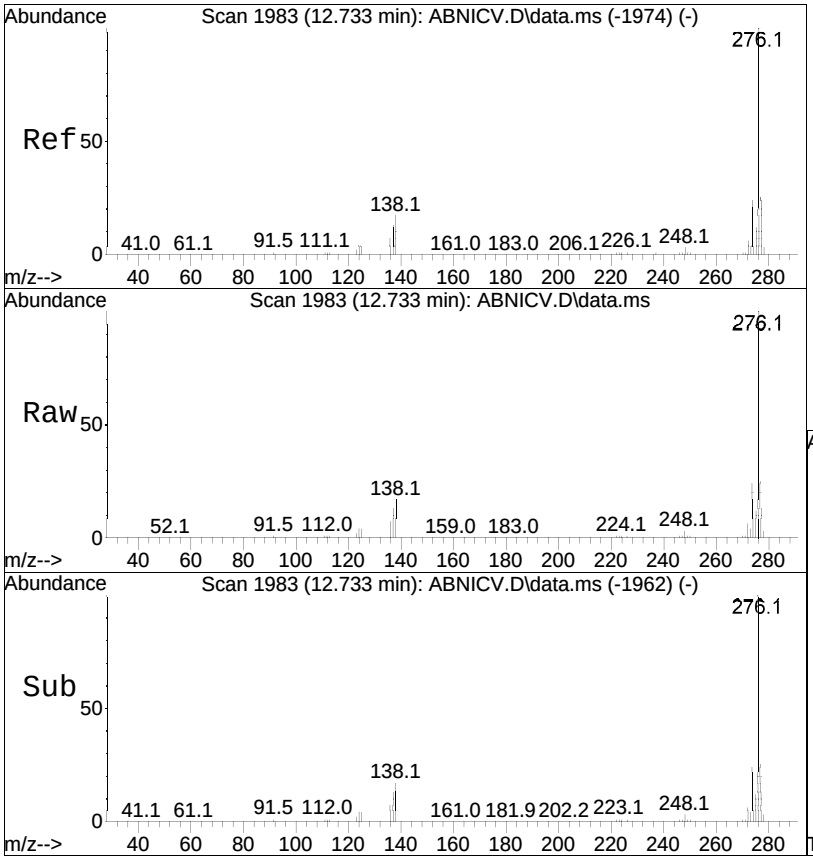


#112
Benzo(a)pyrene
Concen: 51.06 ug/ml M6
RT: 11.505 min Scan# 1774
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:252 Resp: 1096584

Ion	Ratio	Lower	Upper
252	100		
125	0.1	13.3	19.9#
253	0.1	18.2	27.4#

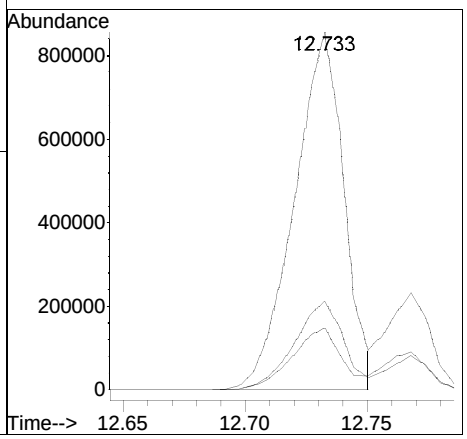


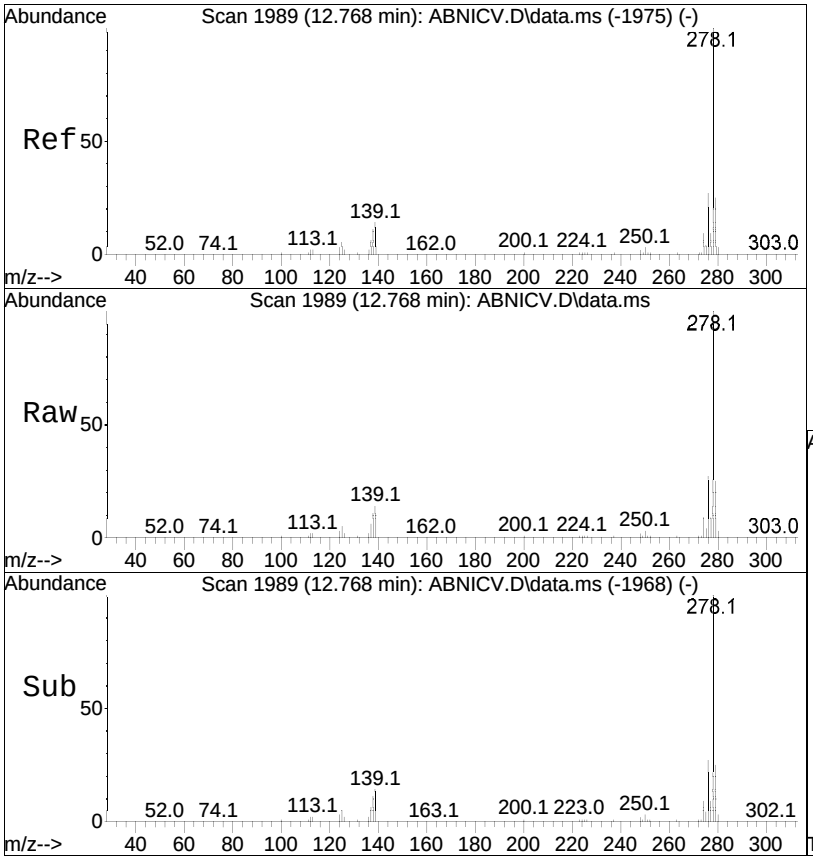


#114
Indeno(1,2,3-cd)pyrene
Concen: 49.96 ug/mL
RT: 12.733 min Scan# 1983
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:276 Resp: 1209847

Ion	Ratio	Lower	Upper
276	100		
138	17.9	26.7	40.1#
277	24.9	20.4	30.6

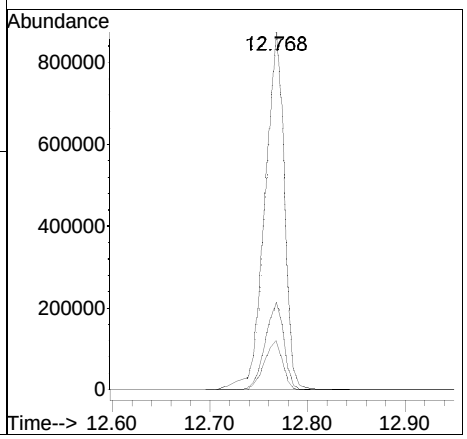


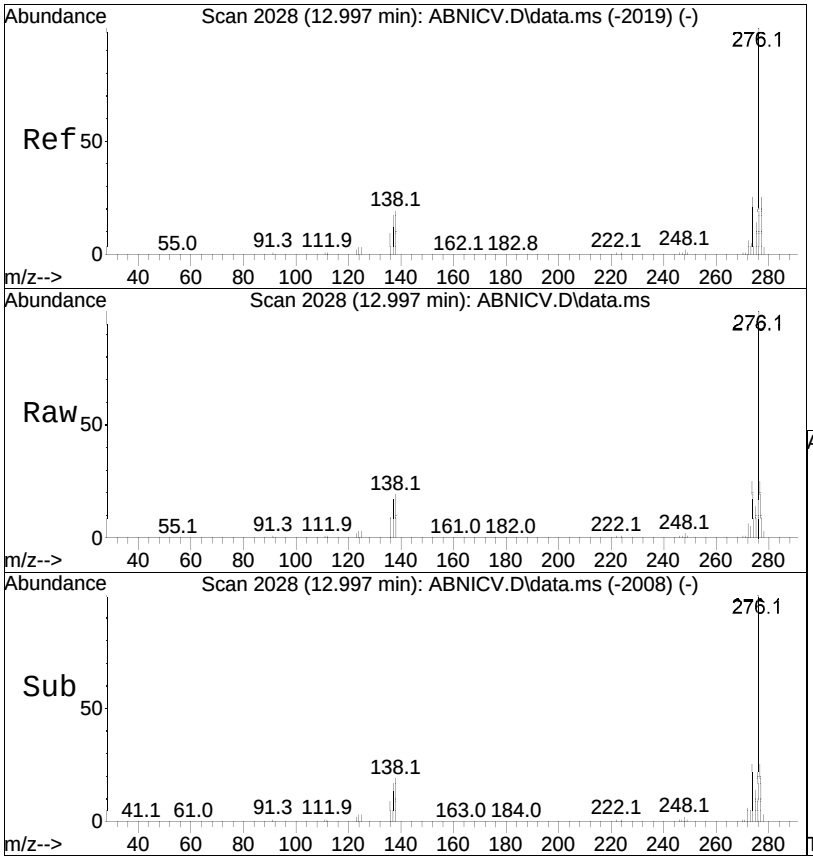


#115
Dibenzo(a,h)anthracene
Concen: 51.58 ug/ml
RT: 12.768 min Scan# 1989
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:278 Resp: 1194052

Ion	Ratio	Lower	Upper
278	100		
139	13.3	18.2	27.4#
279	24.1	19.3	28.9

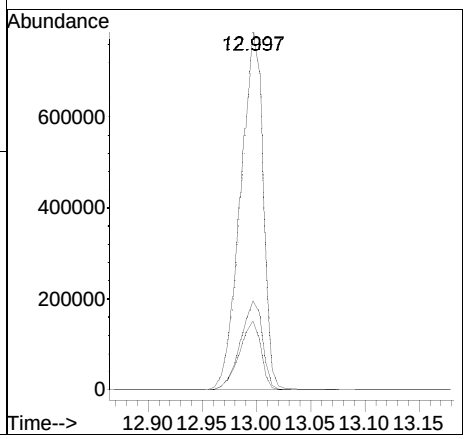




#116
Benzo(ghi)perylene
Concen: 48.95 ug/ml
RT: 12.997 min Scan# 2028
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:276 Resp: 1131037

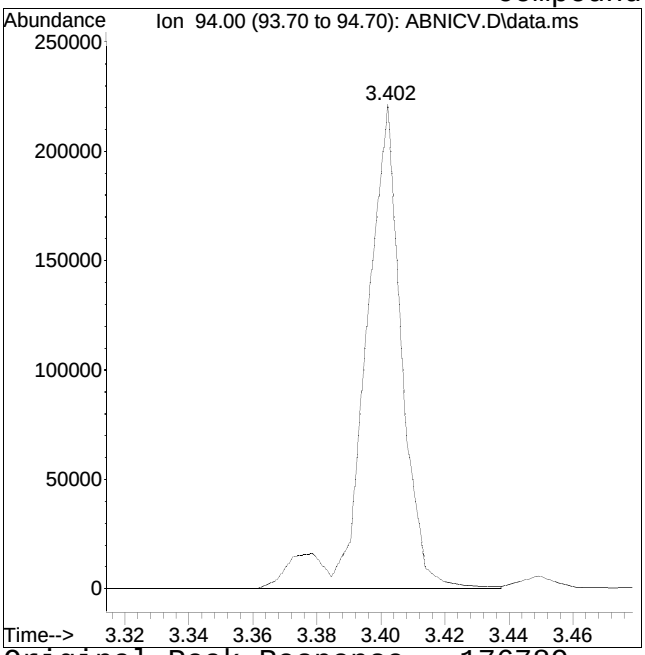
Ion	Ratio	Lower	Upper
276	100		
138	18.7	26.1	39.1#
277	24.5	19.4	29.0



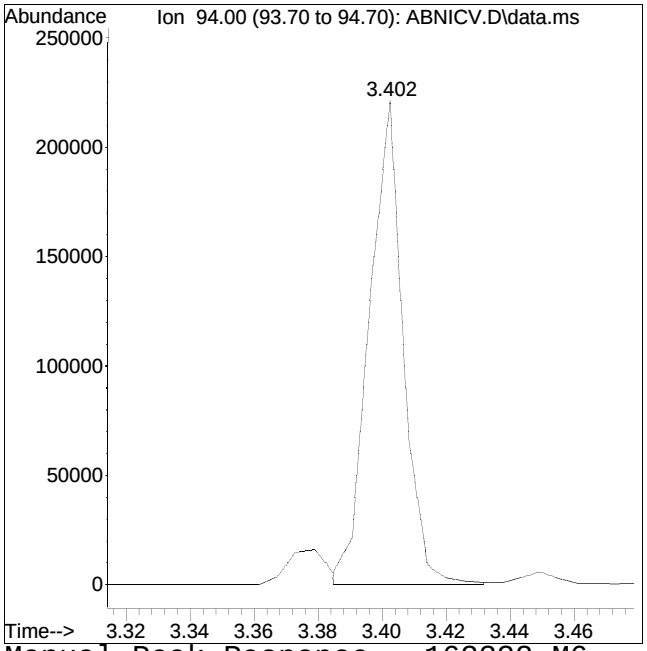
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNICV.D Operator : MORK:jg
Date Inj'd : 12/10/2025 12:20 am Instrument : Mork
Sample : CQICV1,32,,ABNICV Lot# 120 Quant Date : 12/11/2025 12:54 pm

Compound #8: Phenol



Original Peak Response = 176789



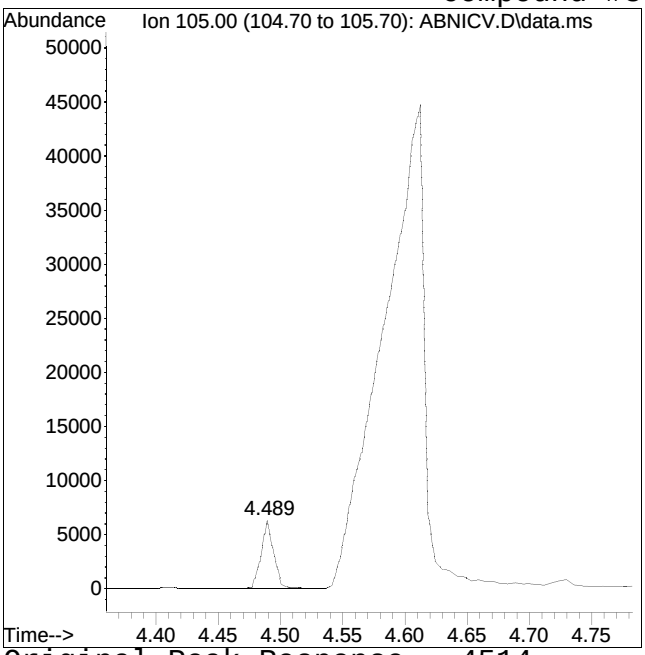
Manual Peak Response = 162332 M6

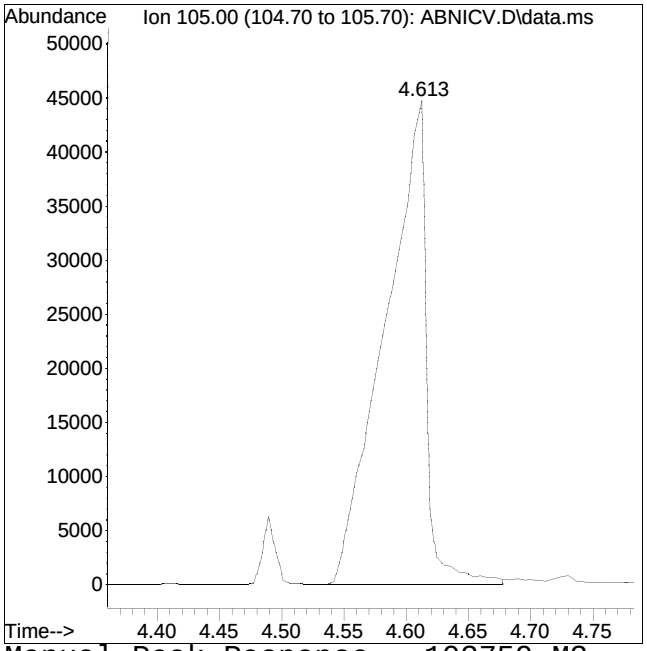
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNICV.D Operator : MORK:jg
Date Inj'd : 12/10/2025 12:20 am Instrument : Mork
Sample : CQICV1,32,,ABNICV Lot# 120 Quant Date : 12/11/2025 12:54 pm

Compound #37: Benzoic Acid





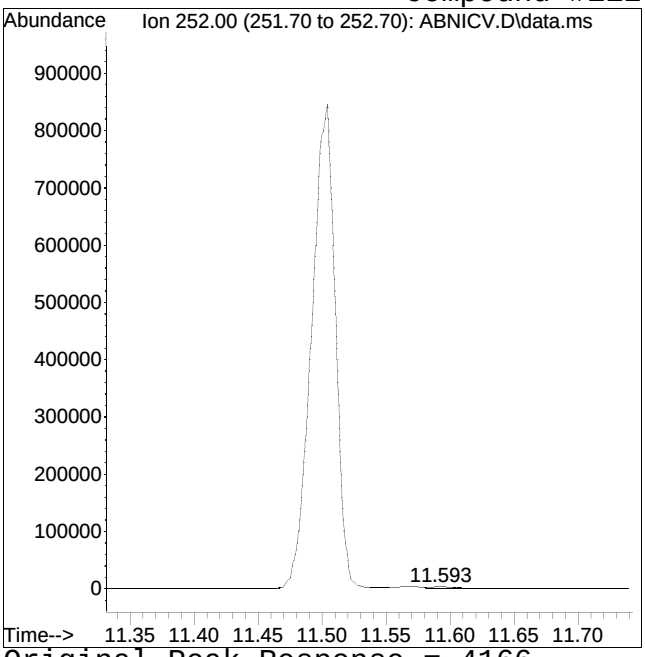
Original Peak Response = 4514 Manual Peak Response = 103759 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

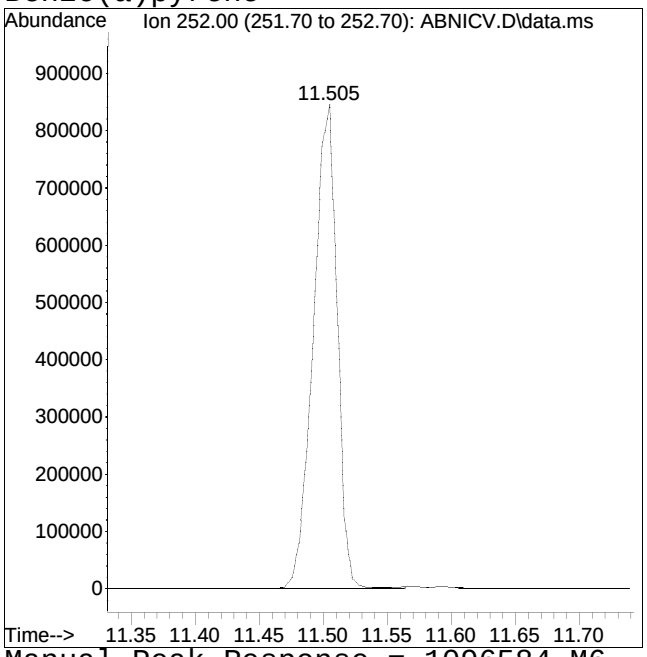
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNICV.D Operator : MORK:jg
Date Inj'd : 12/10/2025 12:20 am Instrument : Mork
Sample : CQICV1,32,,ABNICV Lot# 120 Quant Date : 12/11/2025 12:54 pm

Compound #112: Benzo(a)pyrene



Original Peak Response = 4166



Manual Peak Response = 1096584 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : I:\8270\Mork\251209ical\
Data File : AP9ICV.D
Acq On : 10 Dec 2025 12:40 am
Operator : MORK:jg
Sample : CQICV2,32,,AP9ICV Lot# 12055
Misc : WG2152654,,
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 11 12:54:35 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Dec 11 12:55:10 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
27	I	IS2_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
28	T	Benzaldehyde	0.840	0.825	1.8	100	0.00
29	T	Acetophenone	1.419	1.434	-1.1	105	0.00
30	T	m-Toluidine	1.384	1.405	-1.5	104	0.00
31	T	2-Chloroaniline	1.343	1.343	0.0	104	0.00
55	I	IS2_Naphthalene-d8	1.000	1.000	0.0	107	0.00
56	T	a-Terpineol	0.206	0.205	0.5	101	0.00
57	T	3-Chloroaniline	0.117	0.118	-0.9	103	0.00
58	T	2,6-Dichlorophenol	0.336	0.343	-2.1	104	0.00
59	T	1-chloro-2-nitrobenzene	0.128	0.132	-3.1	106	0.00
60	T	Caprolactam	0.109	0.107	1.8	102	0.00
61	T	1,2,4,5-Tetrachlorobenzene	0.476	0.477	-0.2	104	0.00
62	T	Biphenyl	0.919	0.930	-1.2	107	0.00
83	I	IS2_Acenaphthene-d10	1.000	1.000	0.0	108	0.00
84	T	Dichloran	0.215	0.236	-9.8	107	0.00
85	T	Pentachloronitrobenzene	0.239	0.252	-5.4	108	0.00
98	I	IS2_Phenanthrene-d10	1.000	1.000	0.0	104	0.00
99	T	Diphenamid	0.495	0.504	-1.8	106	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9ICV.D
Acq On : 10 Dec 2025 12:40 am
Operator : MORK:jg
Sample : CQICV2,32,,AP9ICV Lot# 12055
Misc : WG2152654,,
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 11 12:54:35 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Dec 11 12:55:10 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.649	152	121687	40.000	ug/ml	0.00
Standard Area 1 = 115486			Recovery = 105.37%			
55) IS2_Naphthalene-d8	4.724	136	404739	40.000	ug/ml	# 0.00
Standard Area 1 = 377197			Recovery = 107.30%			
83) IS2_Acenaphthene-d10	6.234	164	259908	40.000	ug/ml	0.00
Standard Area 1 = 241476			Recovery = 107.63%			
98) IS2_Phenanthrene-d10	7.509	188	583859	40.000	ug/ml	# 0.00
Standard Area 1 = 560507			Recovery = 104.17%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.279	105	125524	49.104	ug/ml	96
29) Acetophenone	4.002	105	218125	50.518	ug/ml#	87
30) m-Toluidine	4.072	106	213655	50.729	ug/ml	99
31) 2-Chloroaniline	4.384	127	204231	49.980	ug/ml	99
56) a-Terpineol	4.783	59	103954	49.890	ug/ml	87
57) 3-Chloroaniline	4.795	65	59775	50.333	ug/ml	97
58) 2,6-Dichlorophenol	4.818	162	173456	50.969	ug/ml#	92
59) 1-chloro-2-nitrobenzene	5.042	111	66851	51.432	ug/ml	92
60) Caprolactam	5.089	55	54319	49.175	ug/ml#	89
61) 1,2,4,5-Tetrachloroben...	5.494	216	241362	50.124	ug/ml	99
62) Biphenyl	5.758	154	470611	50.590	ug/ml	99
84) Dichloran	7.251	206	76695	55.006	ug/ml	86
85) Pentachloronitrobenzene	7.380	237	81860	52.729	ug/ml#	88
99) Diphenamid	8.326	167	367514	50.905	ug/ml#	70

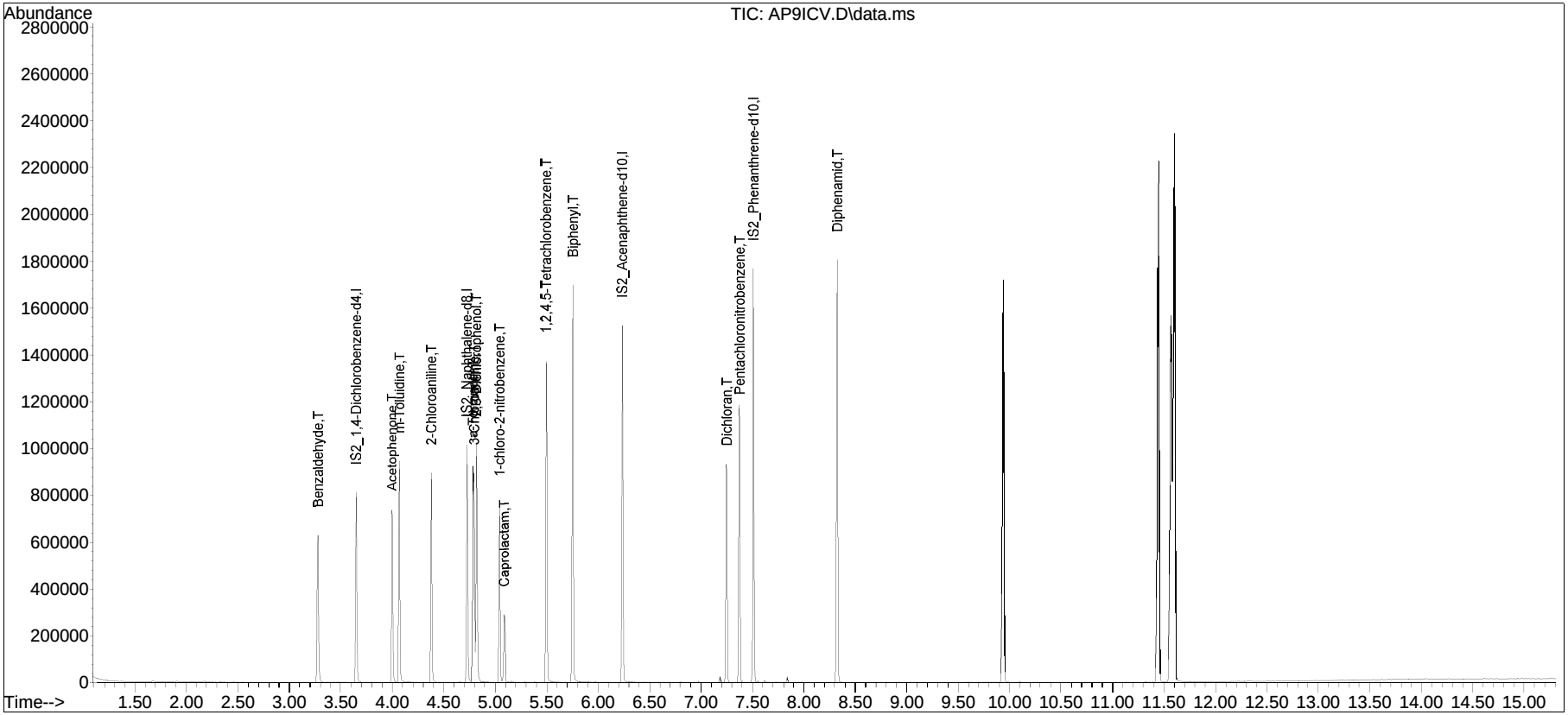
(#) = qualifier out of range (m) = manual integration (+) = signals summed

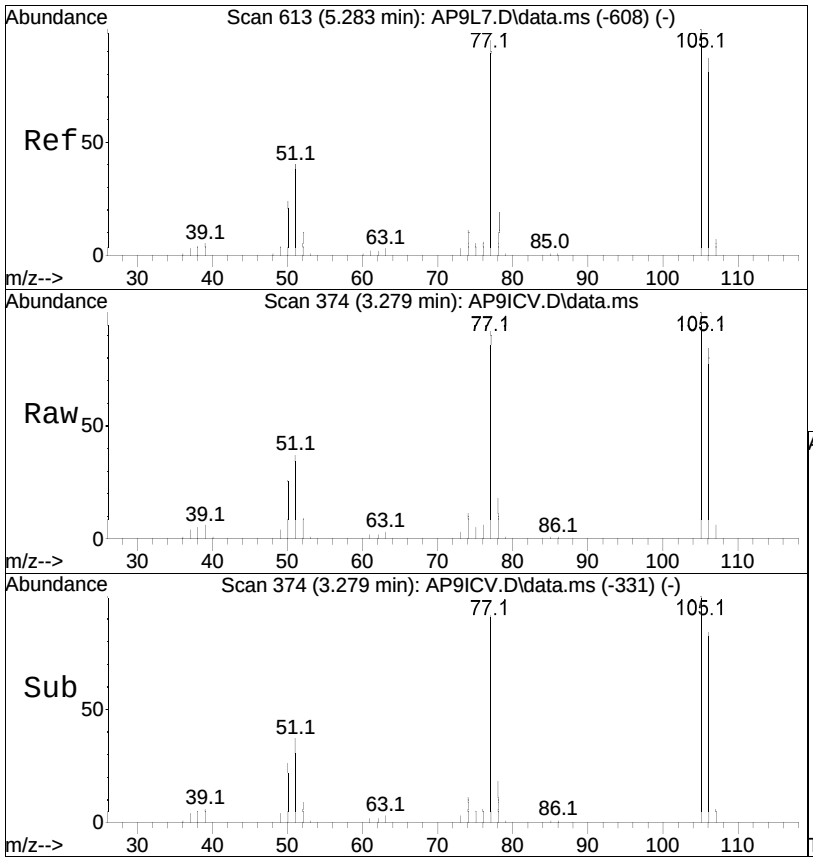
Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9ICV.D
Acq On : 10 Dec 2025 12:40 am
Operator : MORK:jg
Sample : CQICV2,32,,AP9ICV Lot# 12055
Misc : WG2152654,,
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 11 12:54:35 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Dec 11 12:55:10 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistl\AP9L7.D•

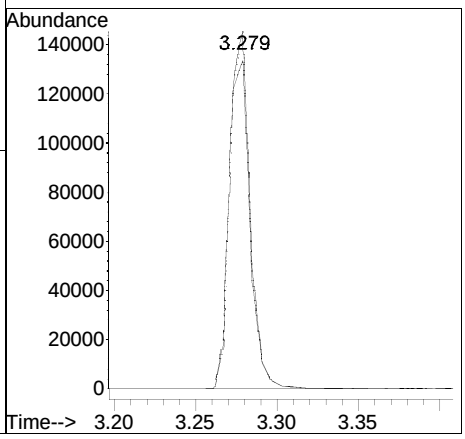


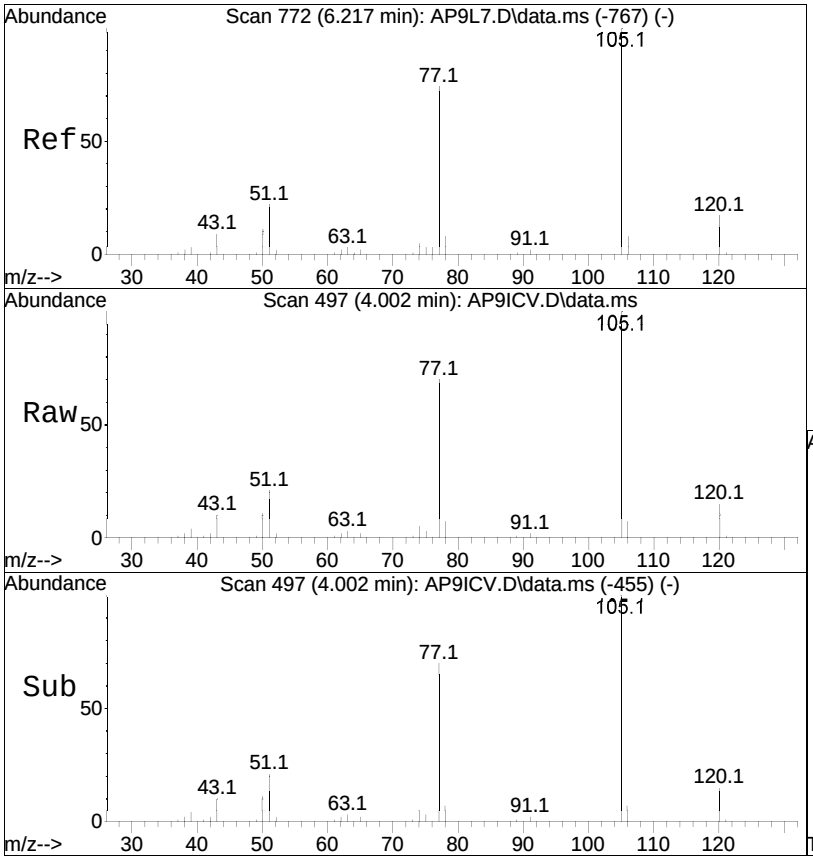


#28
Benzaldehyde
Concen: 49.10 ug/ml
RT: 3.279 min Scan# 374
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion:105 Resp: 125524

Ion	Ratio	Lower	Upper
105	100		
77	95.1	79.3	118.9

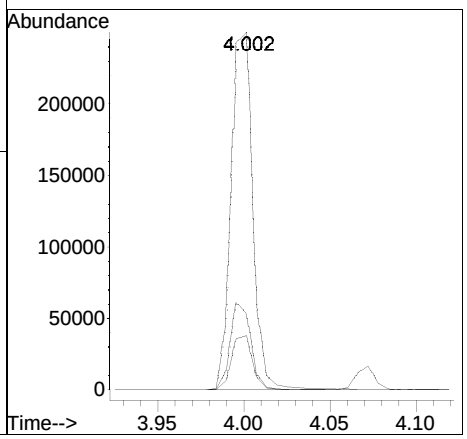


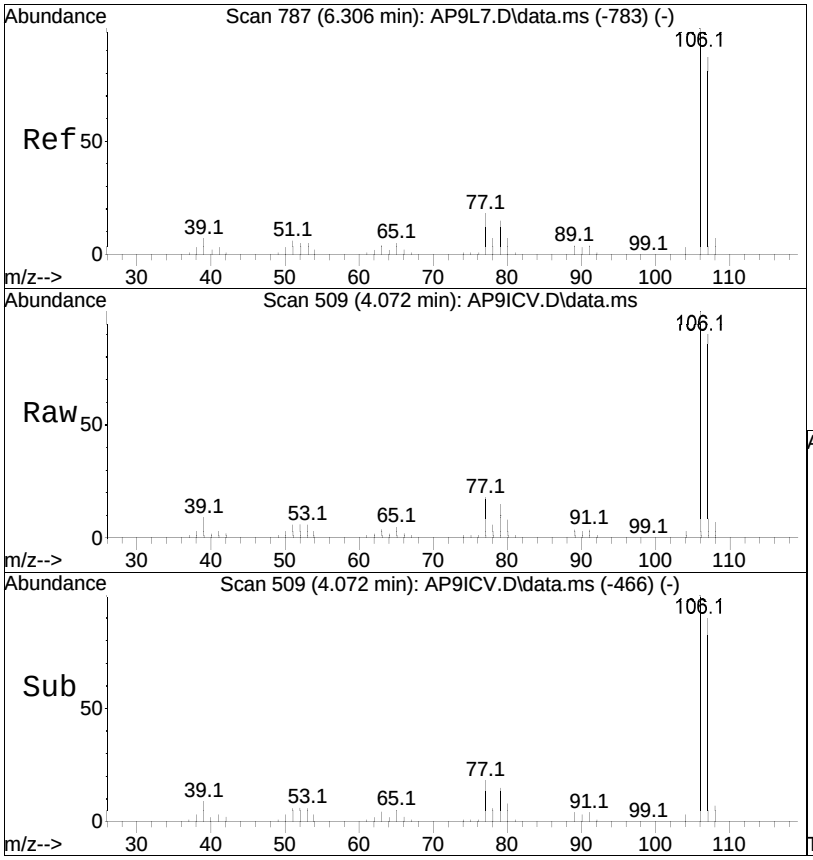


#29
Acetophenone
Concen: 50.52 ug/ml
RT: 4.002 min Scan# 497
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion:105 Resp: 218125

Ion	Ratio	Lower	Upper
105	100		
120	14.9	17.4	26.2#
51	23.4	23.8	35.6#

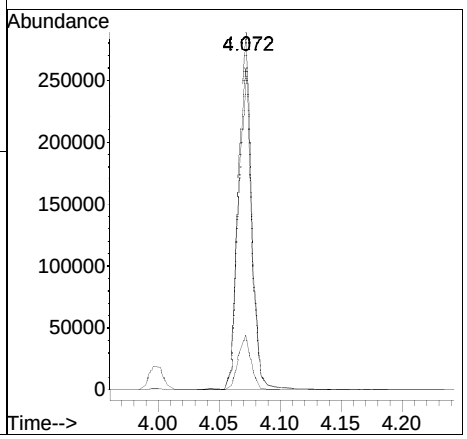


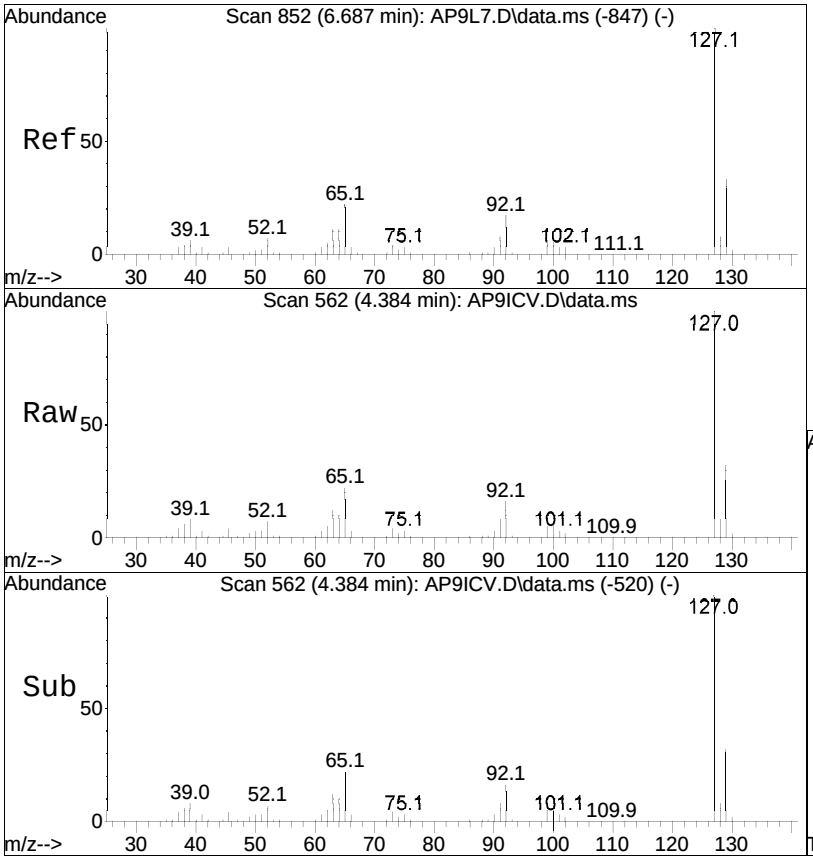


#30
m-Toluidine
Concen: 50.73 ug/ml
RT: 4.072 min Scan# 509
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion:106 Resp: 213655

Ion	Ratio	Lower	Upper
106	100		
107	91.5	72.5	108.7
79	15.2	11.4	17.2

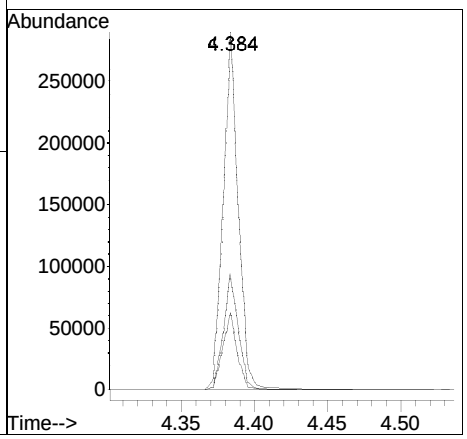


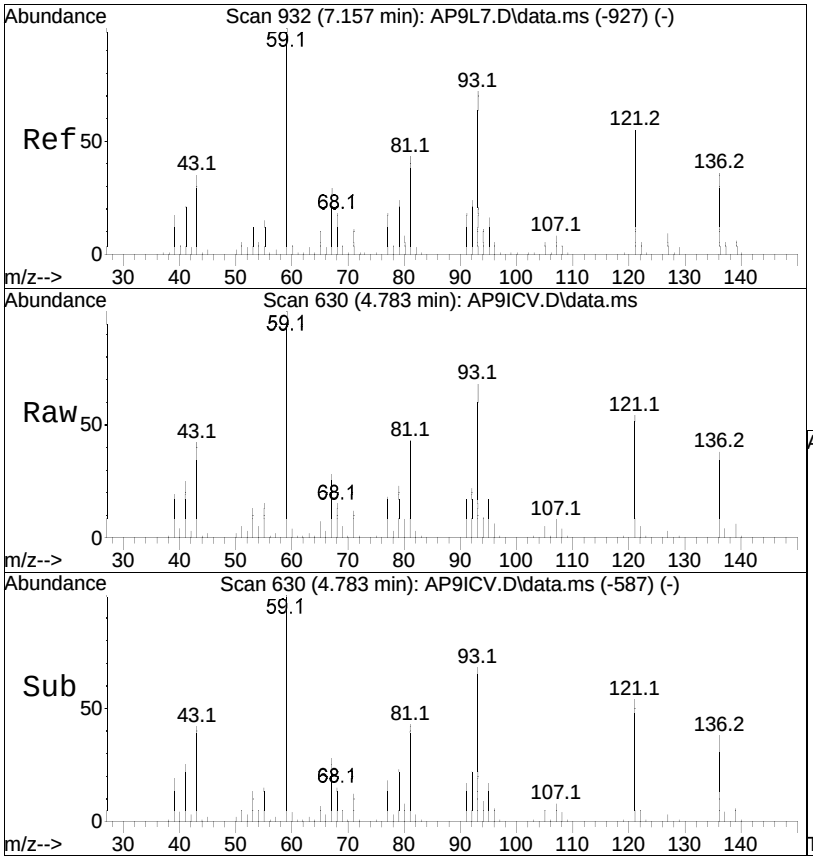


#31
2-Chloroaniline
Concen: 49.98 ug/ml
RT: 4.384 min Scan# 562
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion:127 Resp: 204231

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.5	38.3
65	21.1	17.3	25.9

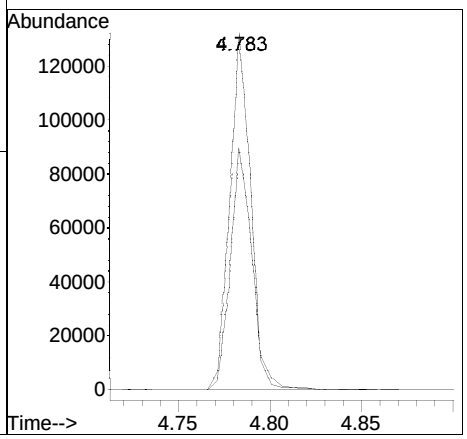


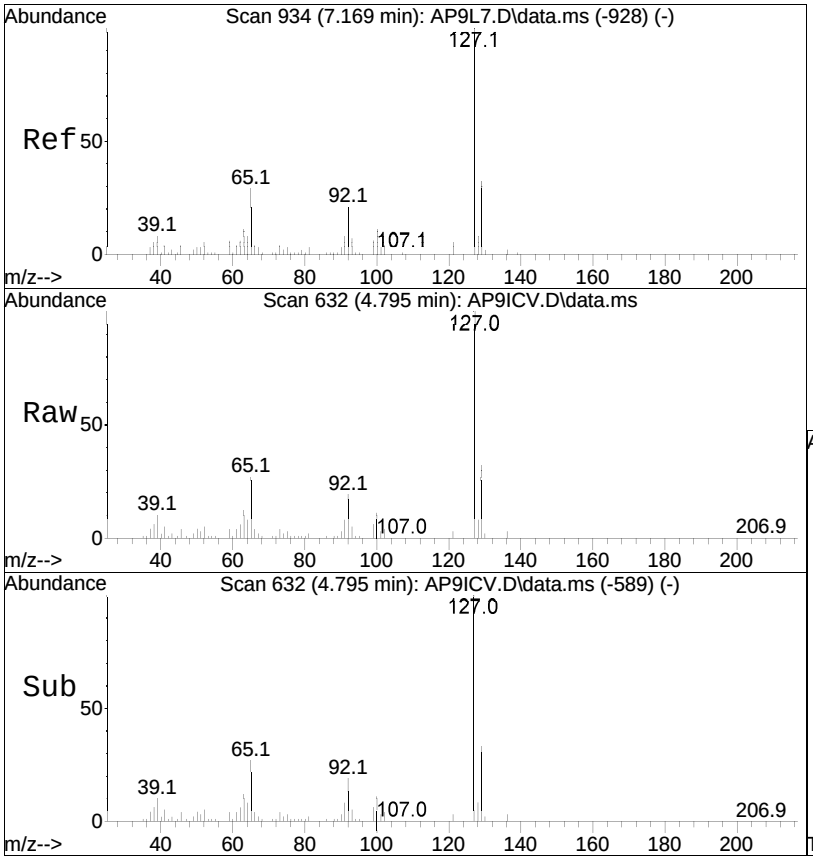


#56
a-Terpineol
Concen: 49.89 ug/ml
RT: 4.783 min Scan# 630
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion: 59 Resp: 103954

Ion	Ratio	Lower	Upper
59	100		
93	71.7	49.3	73.9

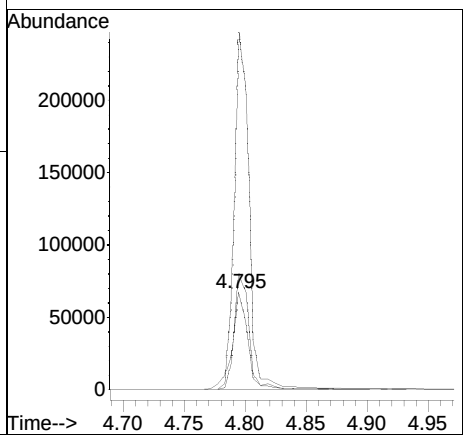


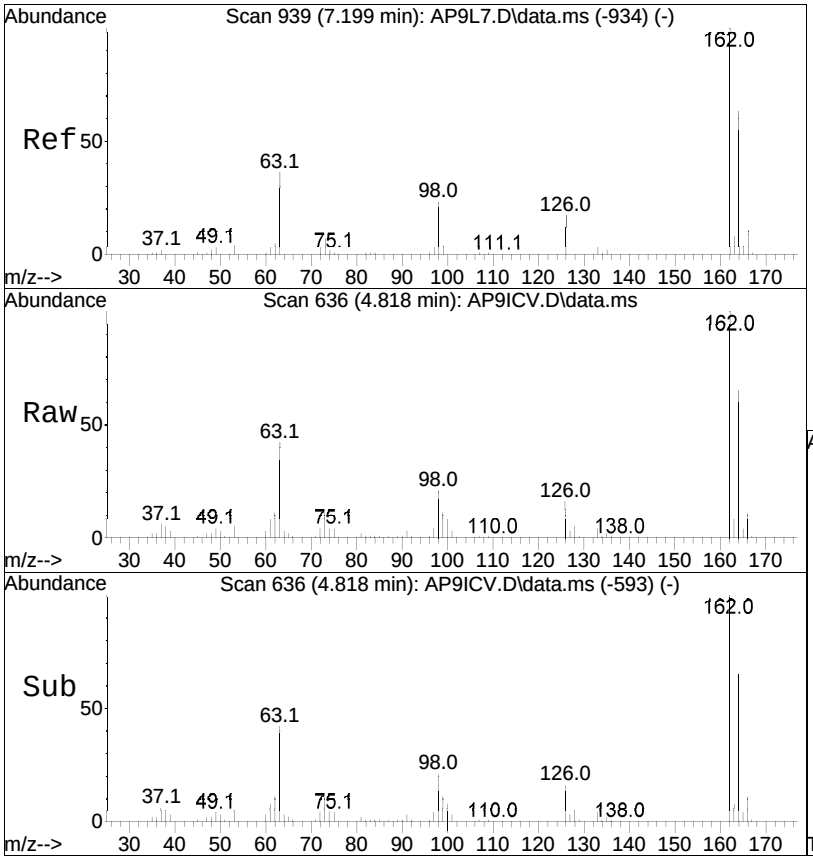


#57
3-Chloroaniline
Concen: 50.33 ug/ml
RT: 4.795 min Scan# 632
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion: 65 Resp: 59775

Ion	Ratio	Lower	Upper
65	100		
127	344.1	269.3	403.9
129	111.1	88.2	132.4

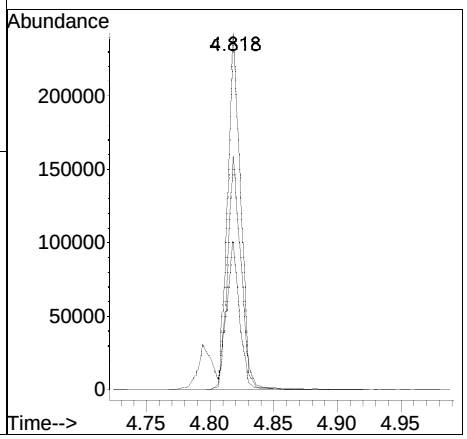


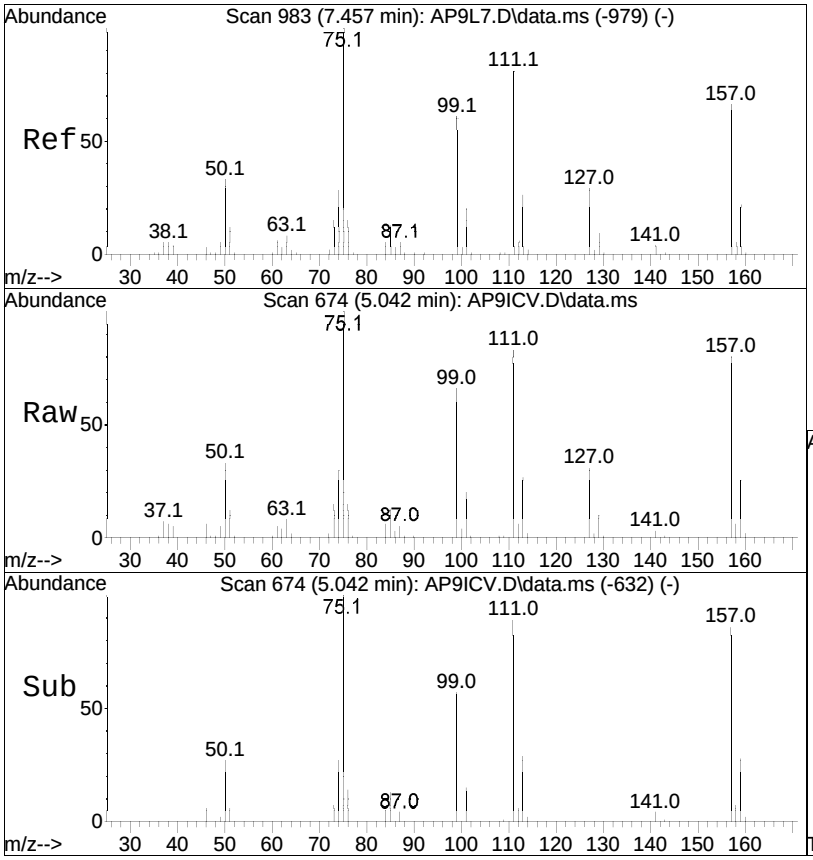


#58
2,6-Dichlorophenol
Concen: 50.97 ug/ml
RT: 4.818 min Scan# 636
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion:162 Resp: 173456

Ion	Ratio	Lower	Upper
162	100		
164	65.4	51.8	77.6
63	39.6	41.7	62.5#

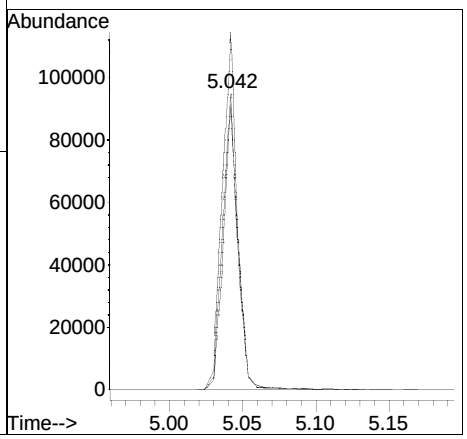


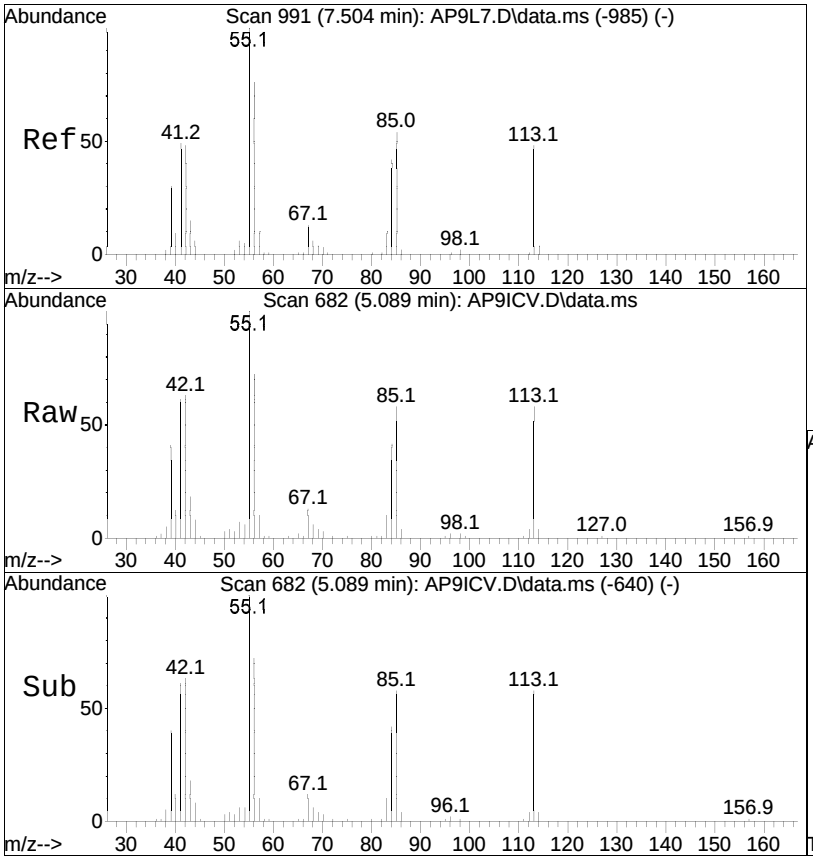


#59
1-chloro-2-nitrobenzene
Concen: 51.43 ug/ml
RT: 5.042 min Scan# 674
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion:111 Resp: 66851

Ion	Ratio	Lower	Upper
111	100		
157	94.8	67.6	101.4
75	121.3	102.5	153.7

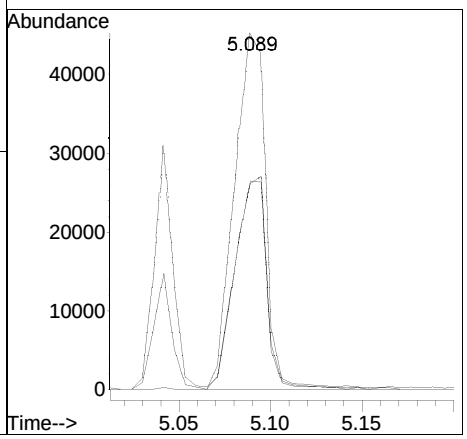


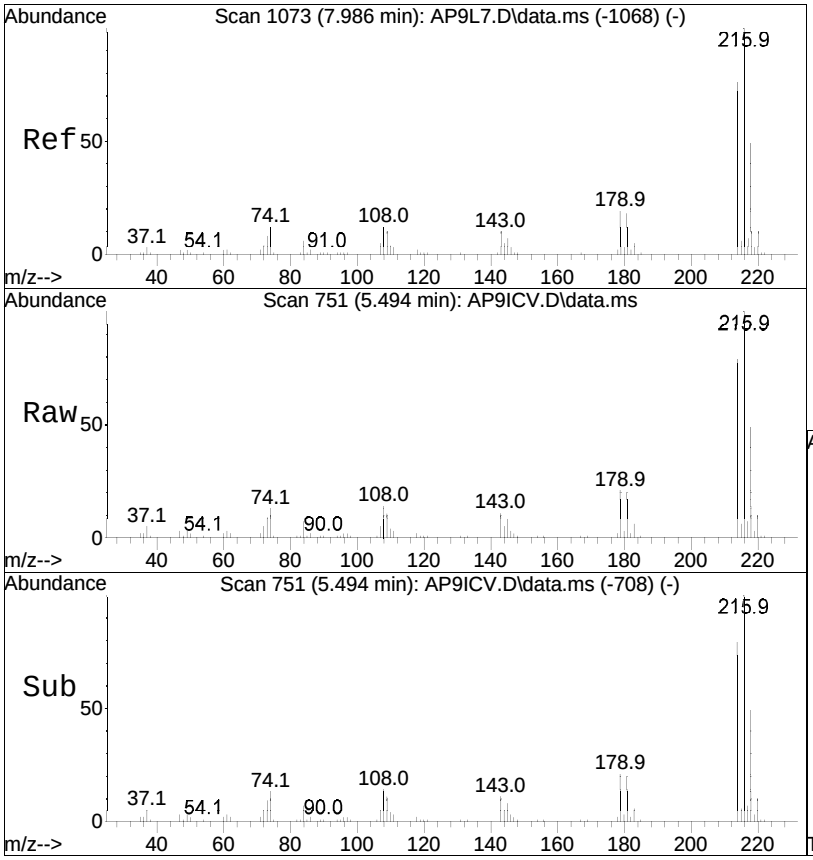


#60
Caprolactam
Concen: 49.18 ug/ml
RT: 5.089 min Scan# 682
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion: 55 Resp: 54319

Ion	Ratio	Lower	Upper
55	100		
85	59.5	36.6	54.8#
113	60.2	50.2	75.2

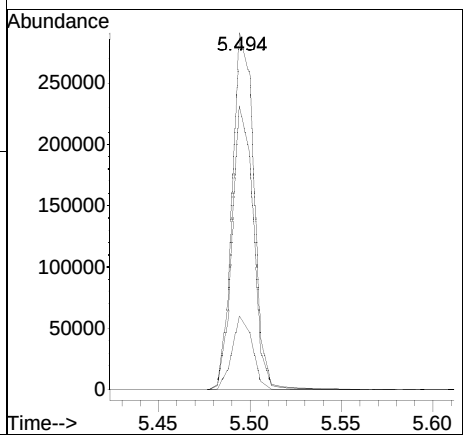


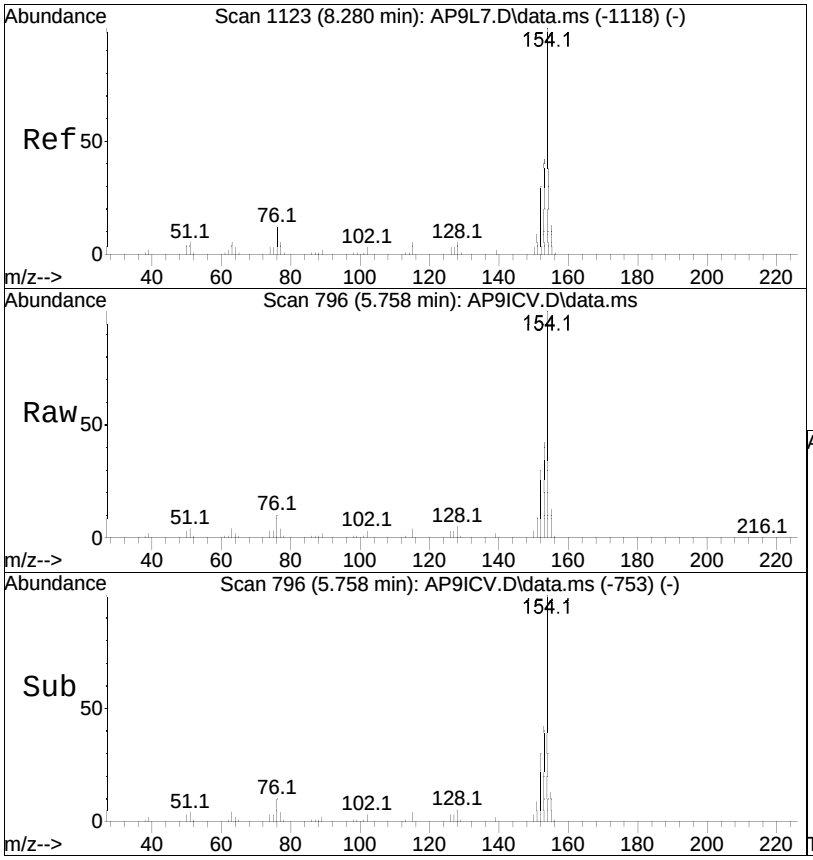


#61
1,2,4,5-Tetrachlorobenzene
Concen: 50.12 ug/ml
RT: 5.494 min Scan# 751
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion:216 Resp: 241362

Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.0	94.4
179	19.8	15.3	22.9

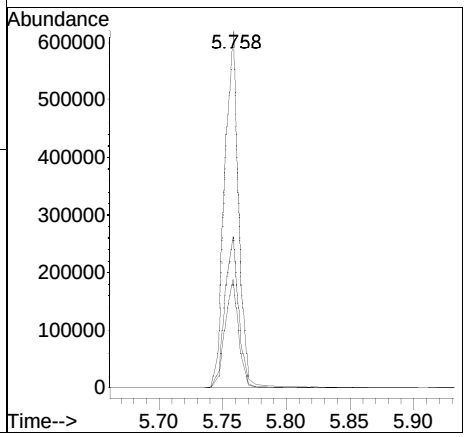


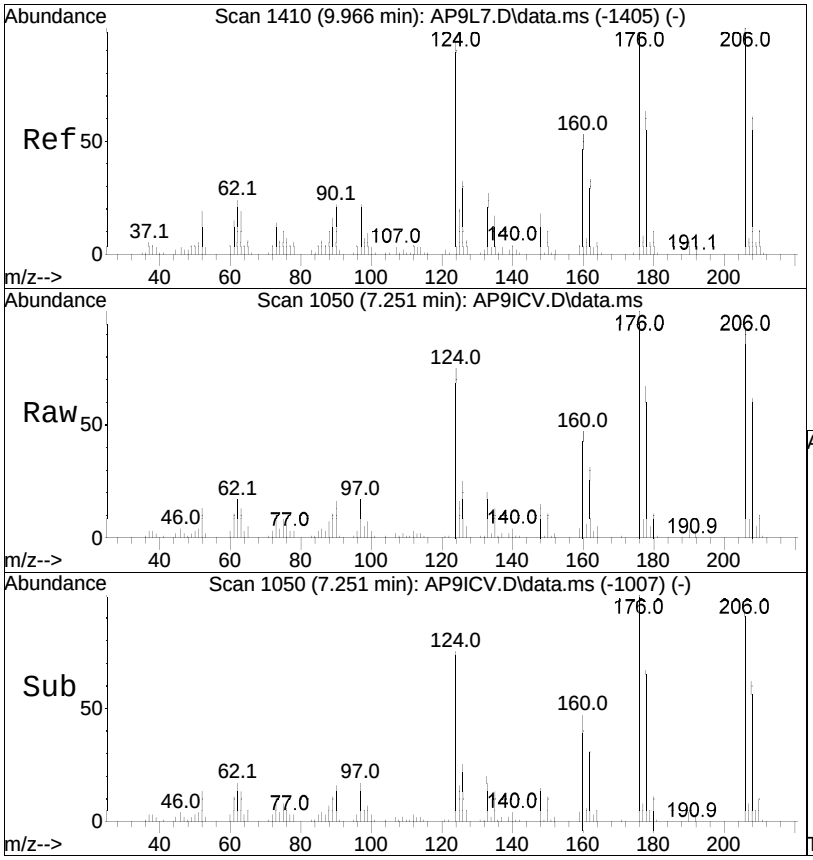


#62
Biphenyl
Concen: 50.59 ug/ml
RT: 5.758 min Scan# 796
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion:154 Resp: 470611

Ion	Ratio	Lower	Upper
154	100		
153	42.0	33.8	50.8
152	29.9	23.0	34.6

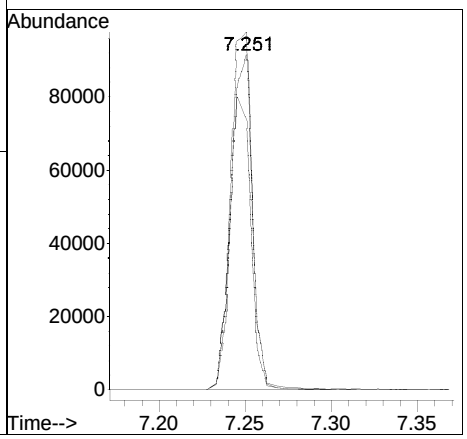


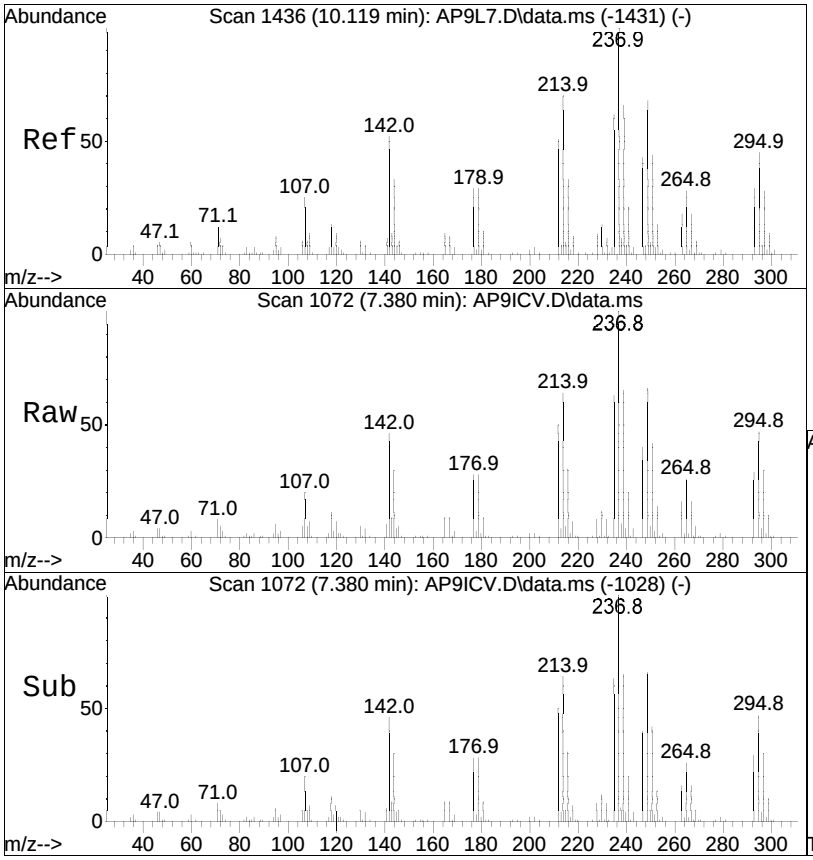


#84
Dichloran
Concen: 55.01 ug/ml
RT: 7.251 min Scan# 1050
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion:206 Resp: 76695

Ion	Ratio	Lower	Upper
206	100		
176	112.4	82.7	124.1
124	88.6	86.2	129.4

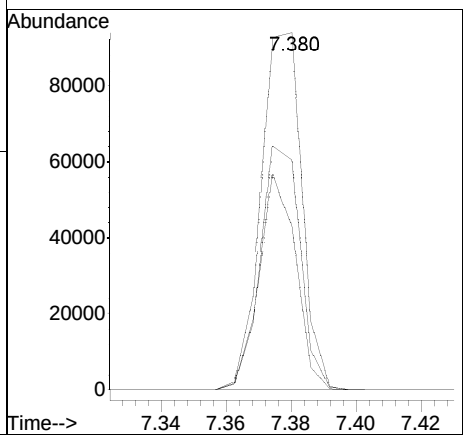


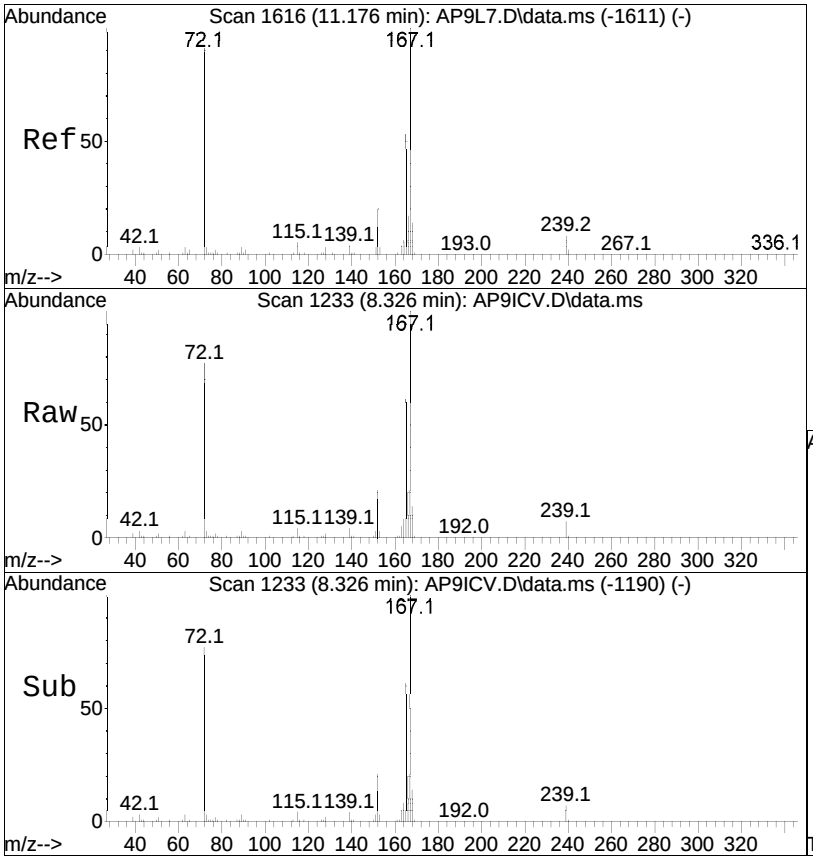


#85
Pentachloronitrobenzene
Concen: 52.73 ug/ml
RT: 7.380 min Scan# 1072
Delta R.T. 0.006 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion:237 Resp: 81860

Ion	Ratio	Lower	Upper
237	100		
142	54.4	57.4	86.2#
214	66.7	55.0	82.6

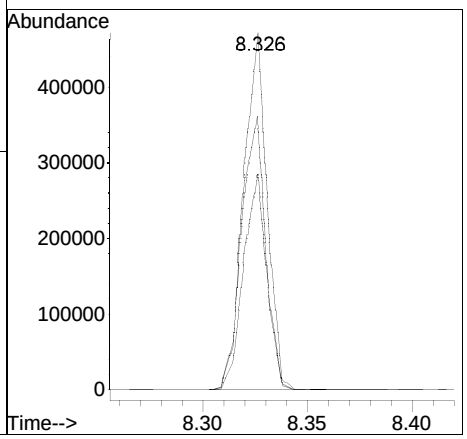




#99
Diphenamid
Concen: 50.91 ug/ml
RT: 8.326 min Scan# 1233
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion:167 Resp: 367514

Ion	Ratio	Lower	Upper
167	100		
72	77.9	95.0	142.6#
165	60.7	40.4	60.6#



Manual Integration Report

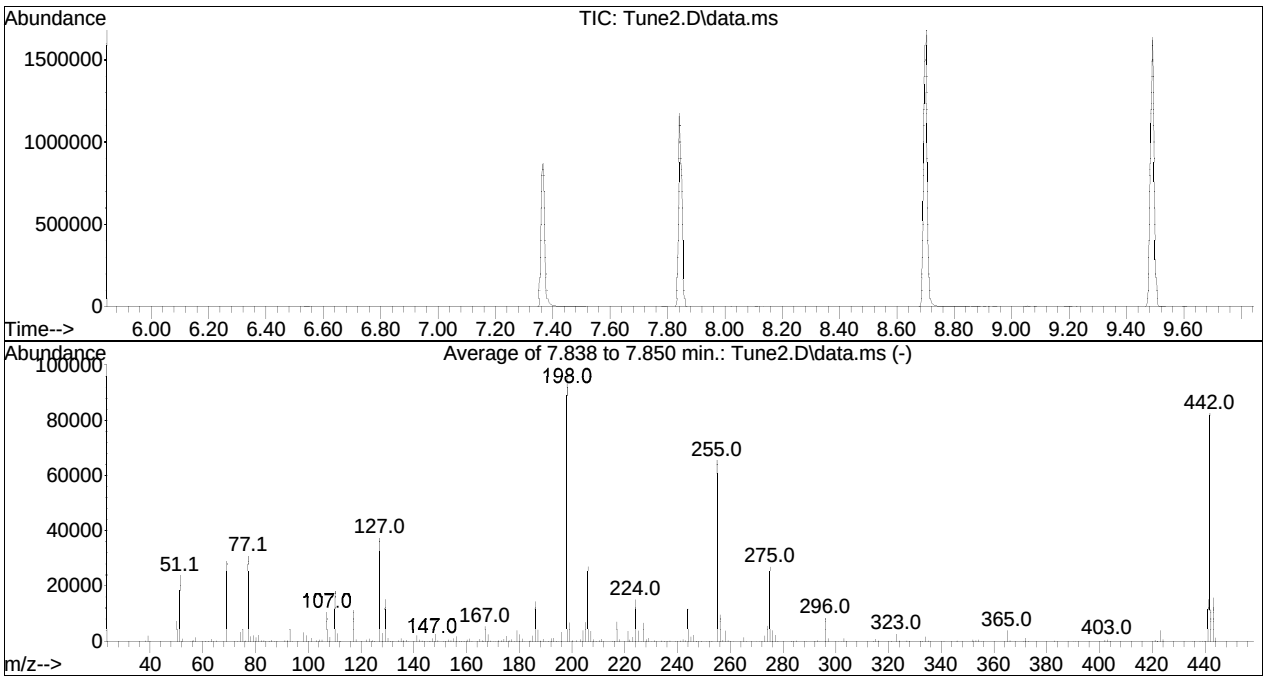
Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: AP9ICV.D	Operator	: MORK:jg
Date Inj'd	: 12/10/2025 12:40 am	Instrument	: Mork
Sample	: CQICV2,32,,AP9ICV Lot# 120	Quant Date	: 12/11/2025 12:55 pm

There are no manual integrations or false positives in this file.

Data Path : I:\8270\Mork\251209ical\
Data File : Tune2.D
Acq On : 10 Dec 2025 1:00 am
Operator : MORK:jg
Sample : Tune Lot#12051
Misc : WG2152654,,
ALS Vial : 100 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\Mork\251209ical\FS251209Mork.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Thu Dec 11 12:38:17 2025



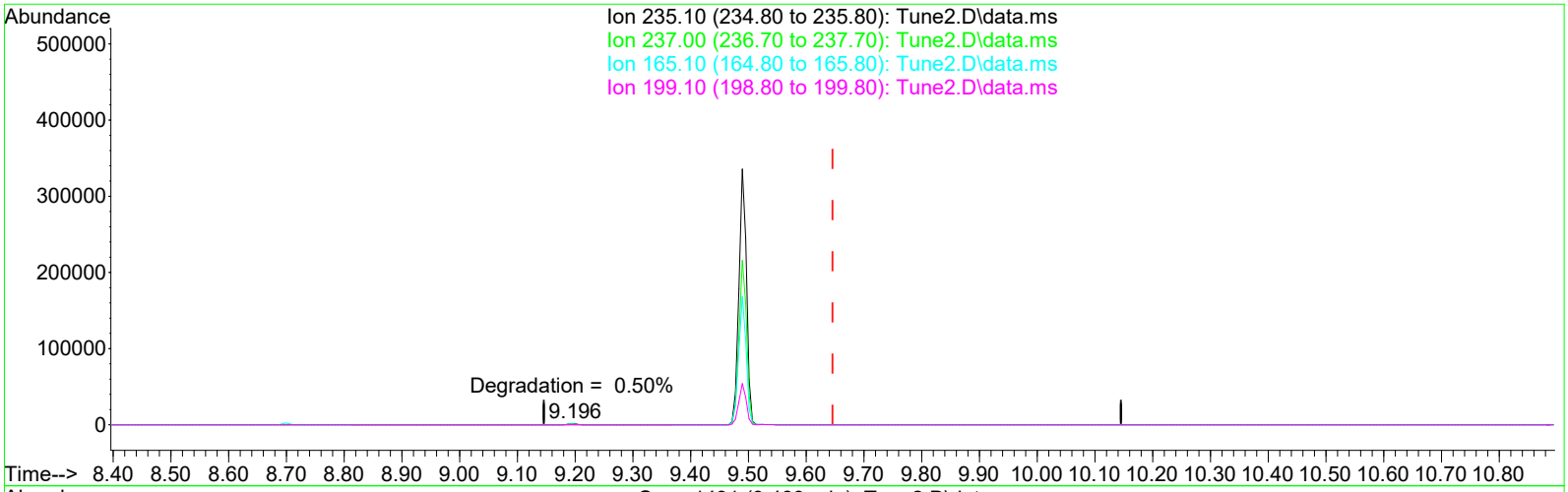
Spectrum Information: Average of 7.838 to 7.850 min.

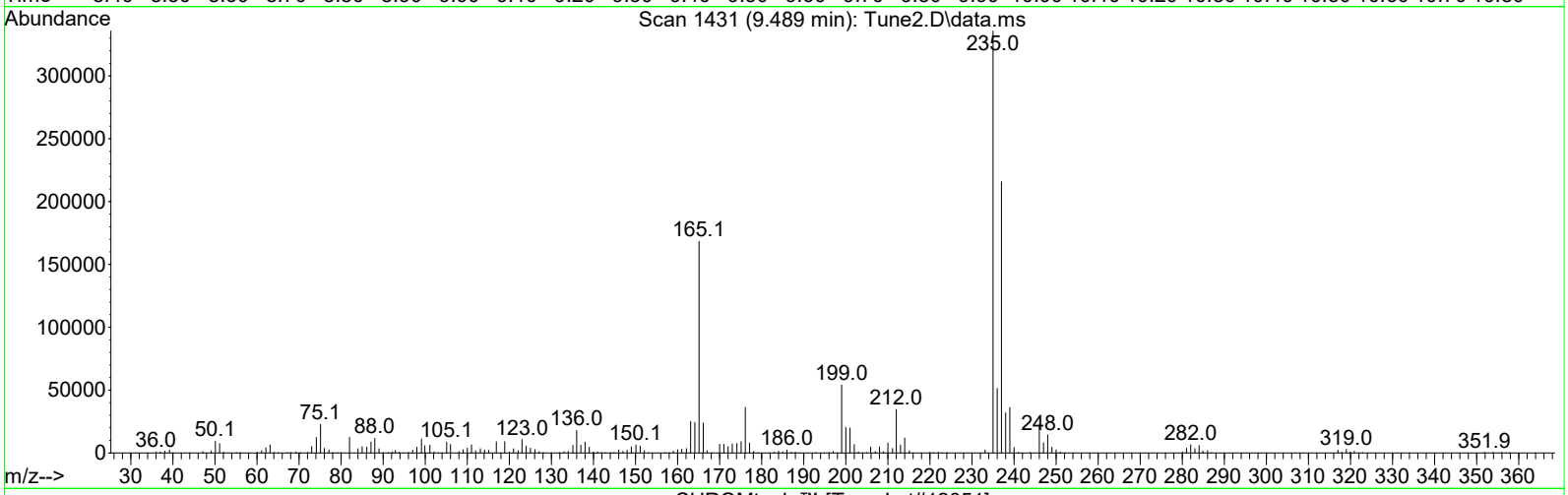
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	24.9	23721	PASS
68	69	0.00	2	0.0	0	PASS
69	69	100	100	100.0	28840	PASS
70	69	0.00	2	0.0	0	PASS
127	198	10	80	39.0	37232	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	95453	PASS
199	198	5	9	6.8	6496	PASS
275	198	10	60	28.2	26959	PASS
365	198	1	100	4.1	3897	PASS
441	442	0.01	24	18.4	15124	PASS
442	198	50	100	86.3	82355	PASS
443	442	15	24	19.1	15706	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\Mork\251209ical\
Data File : Tune2.D
Acq On : 10 Dec 2025 1:00 am
Operator : MORK:jg
Sample : Tune Lot#12051
Misc : WG2152654,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Dec 10 09:25:02 2025
Quant Method : I:\8270\Mork\251209ical\DftppMork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 09 17:49:22 2025
Response via : Initial Calibration





CHROMtools™ [Tune Lot#12051]

(6) DDT (T)

9.489min (-0.157) 50.44

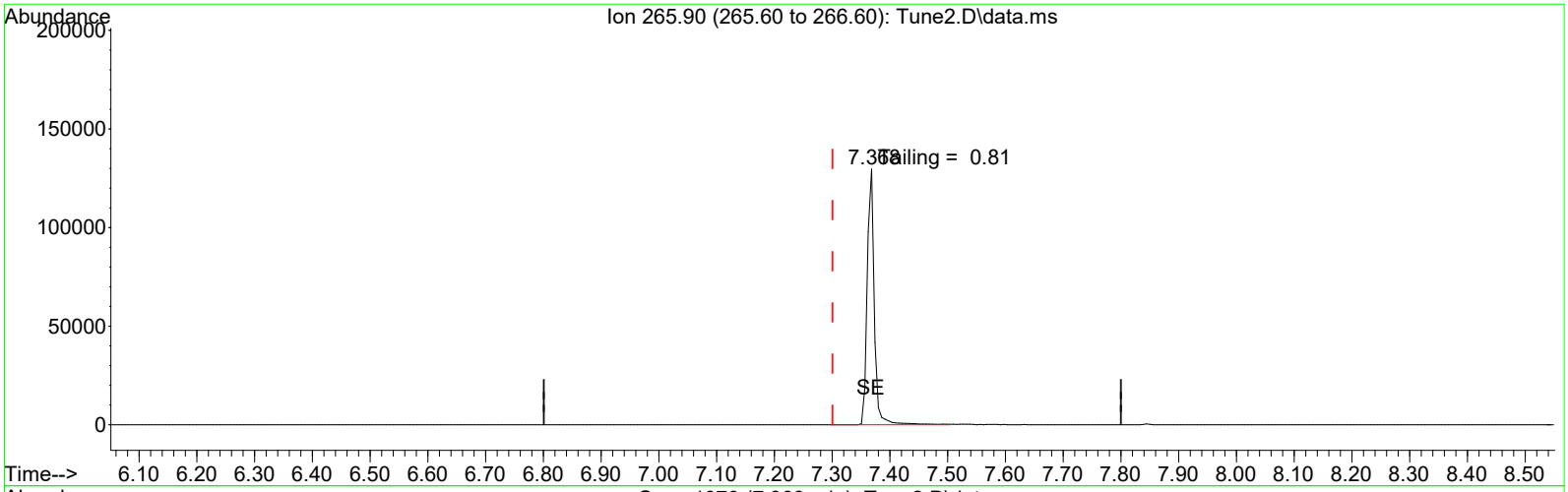
response 307494

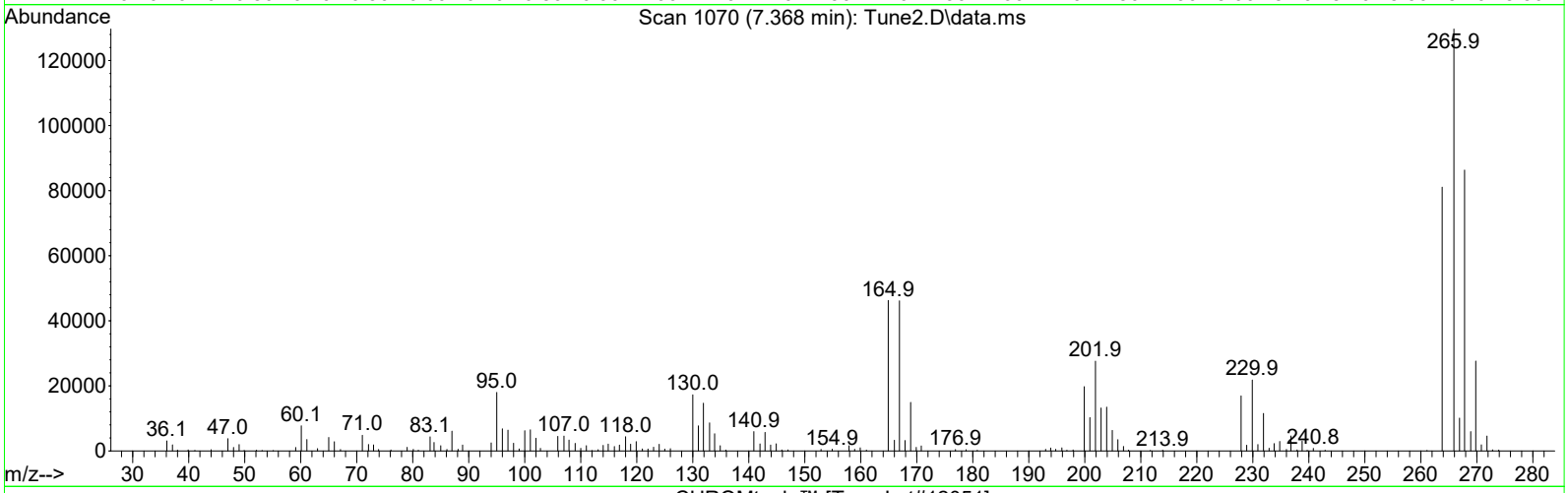
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	66.20	64.66
165.10	43.90	49.40
199.10	13.50	15.81

Quantitation Report (Qedit)

Data Path : I:\8270\Mork\251209ical\
Data File : Tune2.D
Acq On : 10 Dec 2025 1:00 am
Operator : MORK:jg
Sample : Tune Lot#12051
Misc : WG2152654,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Dec 10 09:25:02 2025
Quant Method : I:\8270\Mork\251209ical\DftppMork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 09 17:49:22 2025
Response via : Initial Calibration





CHROMtools™ [Tune Lot#12051]

(1) Pentachlorophenol (T)

7.368min (+ 0.067) 52.77

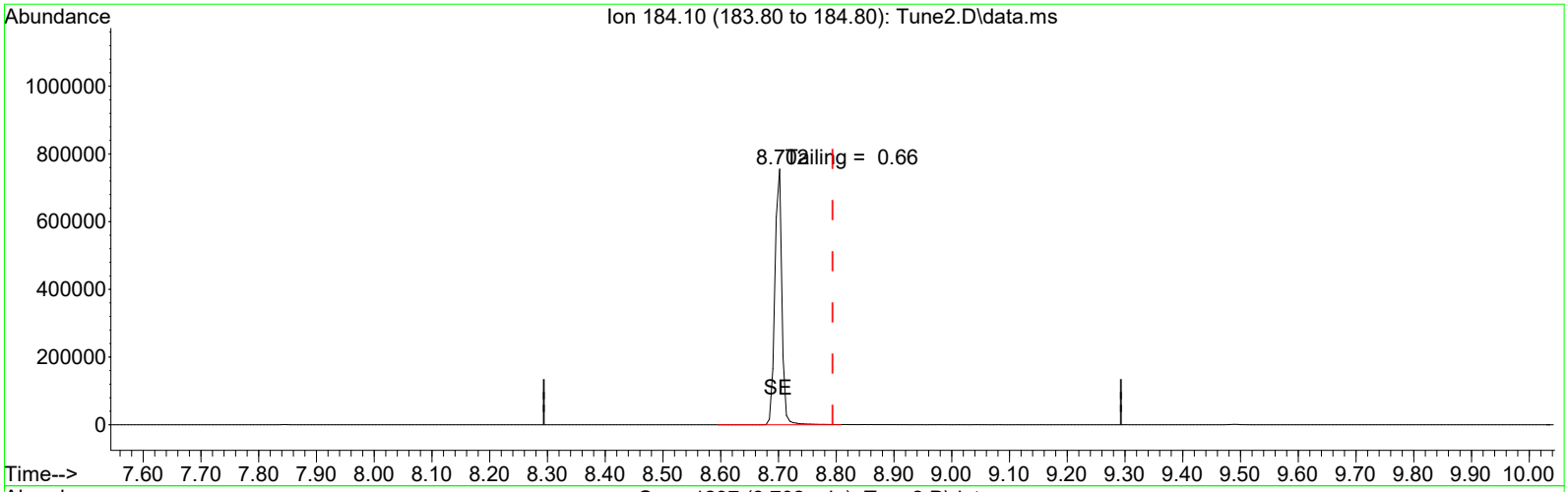
response 110827

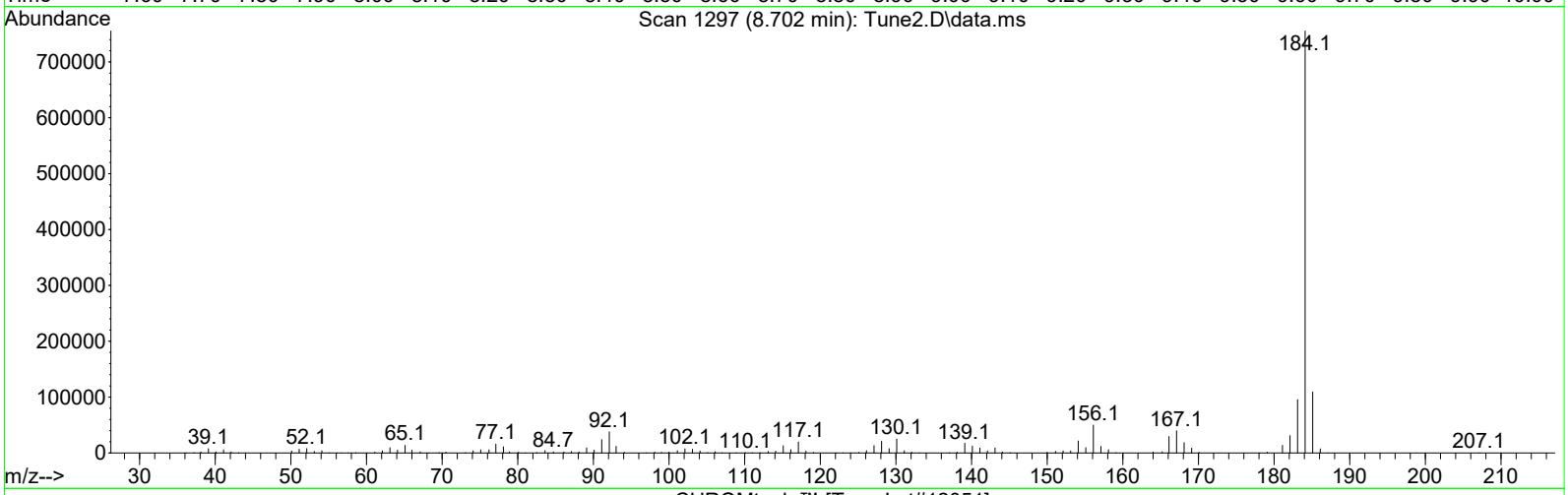
Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\Mork\251209ical\
Data File : Tune2.D
Acq On : 10 Dec 2025 1:00 am
Operator : MORK:jg
Sample : Tune Lot#12051
Misc : WG2152654,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Dec 10 09:25:02 2025
Quant Method : I:\8270\Mork\251209ical\DftppMork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 09 17:49:22 2025
Response via : Initial Calibration





CHROMtools™ [Tune Lot#12051]

(3) Benzidine (T)

8.702min (-0.092) 62.98

response 641189

Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL10.D
Acq On : 10 Dec 2025 1:20 am
Operator : MORK:jg
Sample : IL21,32,,ADPL200 Lot# 12113
Misc : WG2152654,,
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 10 15:37:44 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.649	152	132915	40.000	ug/ml	0.00
Standard Area 1 = 111251			Recovery = 119.47%			
86) IS3_Acenaphthene-d10	6.234	164	289921	40.000	ug/ml	0.00
Standard Area 1 = 239298			Recovery = 121.15%			
100) IS3_Phenanthrene-d10	7.509	188	611389	40.000	ug/ml	# 0.00
Standard Area 1 = 535365			Recovery = 114.20%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.275	88	232686	165.061	ug/ml	97
34) n-Decane	3.555	57	506081	159.359	ug/ml	96
87) Atrazine	7.339	200	637132	207.423	ug/ml#	90
101) n-Octadecane	7.509	57	714434	153.236	ug/ml	97
102) Parathion	8.226	109	347392	233.892	ug/ml#	94
103) 3,3'-Dimethylbenzidine	9.395	212	2594244	213.884	ug/ml	97

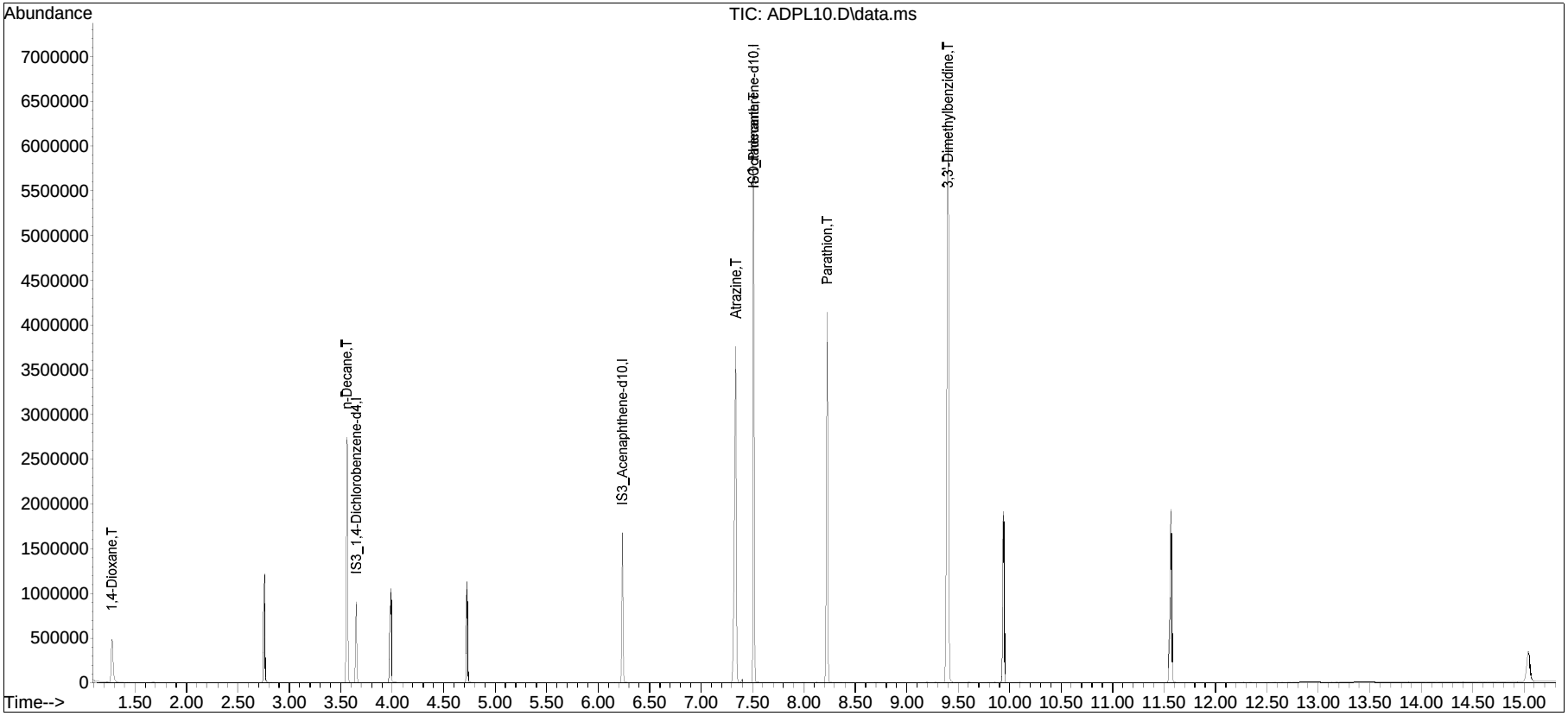
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL10.D
Acq On : 10 Dec 2025 1:20 am
Operator : MORK:jg
Sample : IL21,32,,ADPL200 Lot# 12113
Misc : WG2152654,,
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 10 15:37:44 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistl\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: ADPL10.D	Operator	: MORK:jg
Date Inj'd	: 12/10/2025 1:20 am	Instrument	: Mork
Sample	: IL21,32,,ADPL200 Lot# 1211	Quant Date	: 12/10/2025 2:52 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL9.D
Acq On : 10 Dec 2025 1:40 am
Operator : MORK:jg
Sample : IL22,32,,ADPL150 Lot# 12114
Misc : WG2152654,,
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 10 15:42:46 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
	Internal Standards							
32)	IS3_1,4-Dichlorobenzen...	3.649	152	124723	40.000	ug/ml		0.00
	Standard Area 1 = 111251			Recovery	= 112.11%			
86)	IS3_Acenaphthene-d10	6.234	164	278979	40.000	ug/ml		0.00
	Standard Area 1 = 239298			Recovery	= 116.58%			
100)	IS3_Phenanthrene-d10	7.509	188	586003	40.000	ug/ml	#	0.00
	Standard Area 1 = 535365			Recovery	= 109.46%			
	System Monitoring Compounds							
	Target Compounds							Qvalue
33)	1,4-Dioxane	1.275	88	162872	123.125	ug/ml		96
34)	n-Decane	3.555	57	362908	121.781	ug/ml		96
87)	Atrazine	7.333	200	453369	153.387	ug/ml	#	91
101)	n-Octadecane	7.509	57	520856	116.556	ug/ml		97
102)	Parathion	8.226	109	248112	174.286	ug/ml	#	94
103)	3,3'-Dimethylbenzidine	9.395	212	1905623	163.916	ug/ml		98

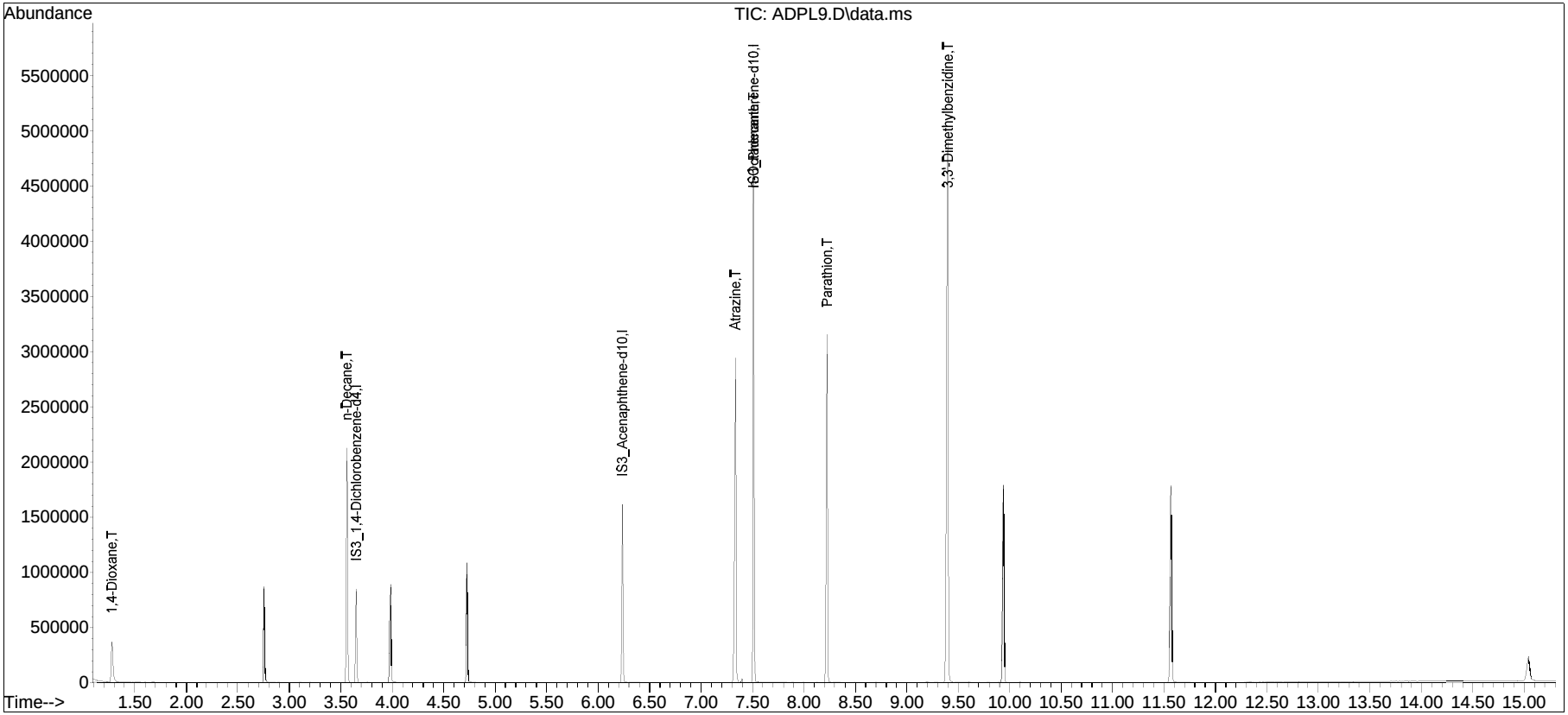
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL9.D
Acq On : 10 Dec 2025 1:40 am
Operator : MORK:jg
Sample : IL22,32,,ADPL150 Lot# 12114
Misc : WG2152654,,
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 10 15:42:46 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistl\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: ADPL9.D	Operator	: MORK:jg
Date Inj'd	: 12/10/2025 1:40 am	Instrument	: Mork
Sample	: IL22,32,,ADPL150 Lot# 1211	Quant Date	: 12/10/2025 2:54 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL8.D
Acq On : 10 Dec 2025 2:00 am
Operator : MORK:jg
Sample : IL23,32,,ADPL100 Lot# 12115
Misc : WG2152654,,
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 10 15:42:12 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.649	152	114756	40.000	ug/ml	0.00
Standard Area 1 = 111251			Recovery = 103.15%			
86) IS3_Acenaphthene-d10	6.234	164	244531	40.000	ug/ml	0.00
Standard Area 1 = 239298			Recovery = 102.19%			
100) IS3_Phenanthrene-d10	7.509	188	540665	40.000	ug/ml	# 0.00
Standard Area 1 = 535365			Recovery = 100.99%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.275	88	101878	83.705	ug/ml	96
34) n-Decane	3.555	57	221859	80.916	ug/ml	97
87) Atrazine	7.327	200	274995	106.145	ug/ml#	90
101) n-Octadecane	7.509	57	319143	77.406	ug/ml	97
102) Parathion	8.220	109	146140	111.264	ug/ml	94
103) 3,3'-Dimethylbenzidine	9.389	212	1206123	112.447	ug/ml	98

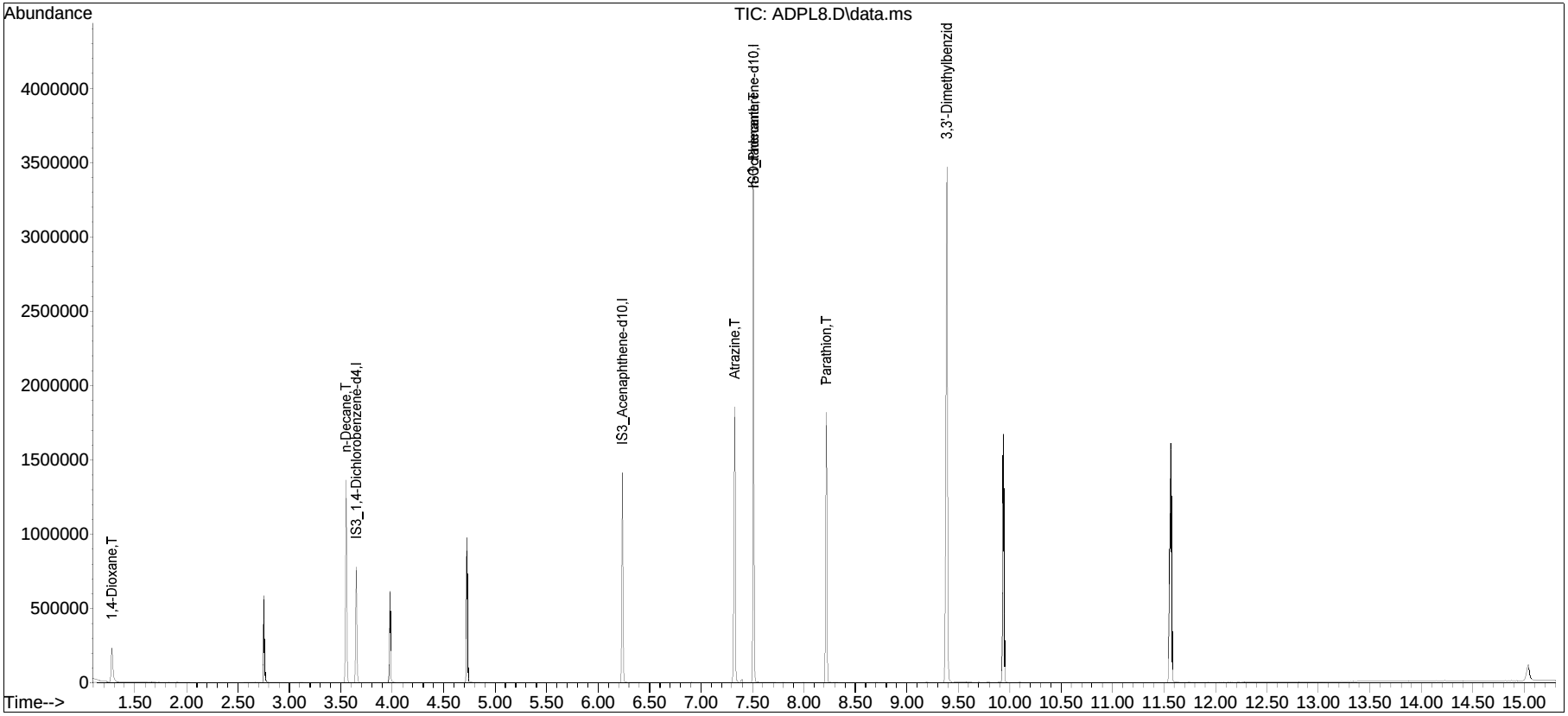
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL8.D
Acq On : 10 Dec 2025 2:00 am
Operator : MORK:jg
Sample : IL23,32,,ADPL100 Lot# 12115
Misc : WG2152654,,
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 10 15:42:12 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistl\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: ADPL8.D	Operator	: MORK:jg
Date Inj'd	: 12/10/2025 2:00 am	Instrument	: Mork
Sample	: IL23,32,,ADPL100 Lot# 1211	Quant Date	: 12/10/2025 2:54 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL7.D
Acq On : 10 Dec 2025 2:20 am
Operator : MORK:jg
Sample : IL24,32,,ADPL50 Lot# 12116
Misc : WG2152654,,
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 10 14:31:57 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:32:24 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.649	152	111251	40.000	ug/ml	0.00
Standard Area 1 = 111251			Recovery = 100.00%			
86) IS3_Acenaphthene-d10	6.234	164	239298	40.000	ug/ml	0.00
Standard Area 1 = 239298			Recovery = 100.00%			
100) IS3_Phenanthrene-d10	7.509	188	535365	40.000	ug/ml	# 0.00
Standard Area 1 = 535365			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.275	88	51812	43.911	ug/ml	96
34) n-Decane	3.555	57	110309	41.499	ug/ml	97
87) Atrazine	7.327	200	134586	53.085	ug/ml#	90
101) n-Octadecane	7.509	57	156635	38.367	ug/ml	96
102) Parathion	8.220	109	69266	53.258	ug/ml	94
103) 3,3'-Dimethylbenzidine	9.384	212	614094	57.819	ug/ml	98

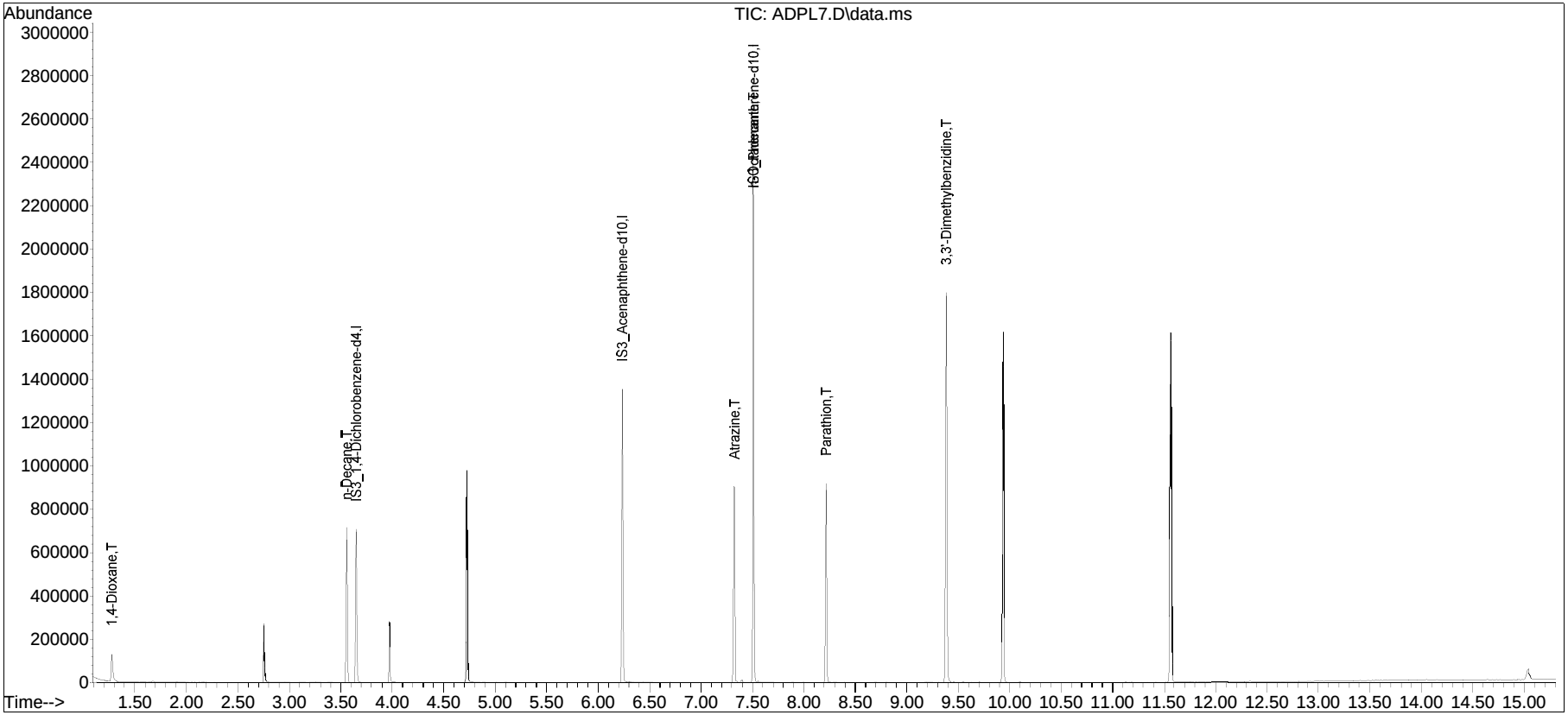
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL7.D
Acq On : 10 Dec 2025 2:20 am
Operator : MORK:jg
Sample : IL24,32,,ADPL50 Lot# 12116
Misc : WG2152654,,
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 10 14:31:57 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:32:24 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistl\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: ADPL7.D	Operator	: MORK:jg
Date Inj'd	: 12/10/2025 2:20 am	Instrument	: Mork
Sample	: IL24,32,,ADPL50 Lot# 12116	Quant Date	: 12/10/2025 2:32 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL6.D
Acq On : 10 Dec 2025 2:40 am
Operator : MORK:jg
Sample : IL25,32,,ADPL25 Lot# 12117
Misc : WG2152654,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 10 15:41:20 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.649	152	115880	40.000	ug/ml	0.00
Standard Area 1 = 111251			Recovery = 104.16%			
86) IS3_Acenaphthene-d10	6.234	164	249829	40.000	ug/ml	0.00
Standard Area 1 = 239298			Recovery = 104.40%			
100) IS3_Phenanthrene-d10	7.509	188	558618	40.000	ug/ml	# 0.00
Standard Area 1 = 535365			Recovery = 104.34%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.281	88	28834	23.461	ug/ml	95
34) n-Decane	3.555	57	62078	22.421	ug/ml	97
87) Atrazine	7.321	200	75299	28.448	ug/ml#	90
101) n-Octadecane	7.509	57	89779	21.075	ug/ml	95
102) Parathion	8.220	109	37144	27.371	ug/ml	95
103) 3,3'-Dimethylbenzidine	9.384	212	340631	30.736	ug/ml	98

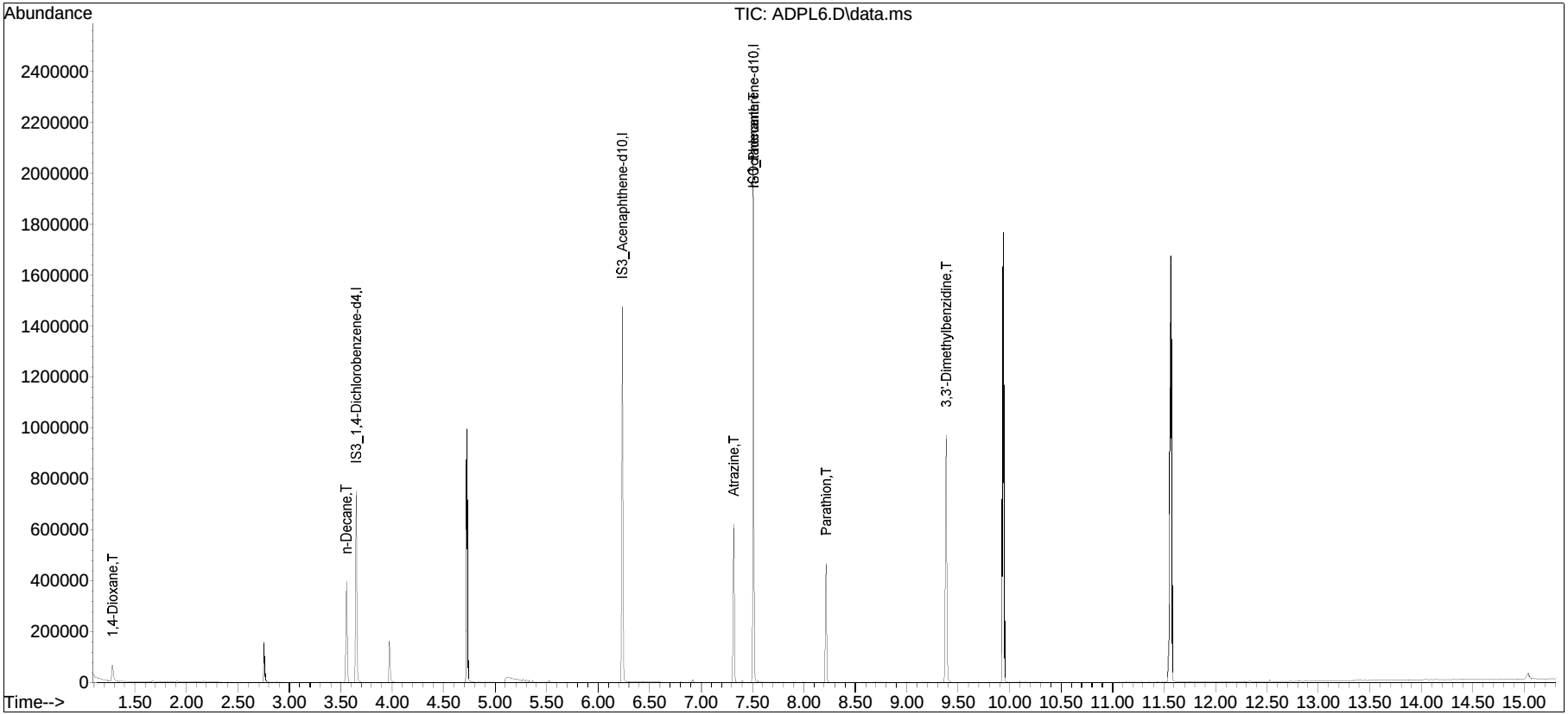
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL6.D
Acq On : 10 Dec 2025 2:40 am
Operator : MORK:jg
Sample : IL25,32,,ADPL25 Lot# 12117
Misc : WG2152654,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 10 15:41:20 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistl\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: ADPL6.D	Operator	: MORK:jg
Date Inj'd	: 12/10/2025 2:40 am	Instrument	: Mork
Sample	: IL25,32,,ADPL25 Lot# 12117	Quant Date	: 12/10/2025 2:54 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL5.D
Acq On : 10 Dec 2025 3:00 am
Operator : MORK:jg
Sample : IL26,32,,ADPL10 Lot# 12118
Misc : WG2152654,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 10 15:40:52 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.649	152	137973	40.000	ug/ml	0.00
Standard Area 1 = 111251			Recovery = 124.02%			
86) IS3_Acenaphthene-d10	6.234	164	283755	40.000	ug/ml	0.00
Standard Area 1 = 239298			Recovery = 118.58%			
100) IS3_Phenanthrene-d10	7.509	188	614625	40.000	ug/ml	# 0.00
Standard Area 1 = 535365			Recovery = 114.80%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.281	88	12468	8.520	ug/ml	93
34) n-Decane	3.555	57	27815	8.438	ug/ml	97
87) Atrazine	7.321	200	30762	10.232	ug/ml#	91
101) n-Octadecane	7.509	57	36117	7.706	ug/ml	95
102) Parathion	8.220	109	14028	9.395	ug/ml	96
103) 3,3'-Dimethylbenzidine	9.384	212	139797	11.465	ug/ml	98

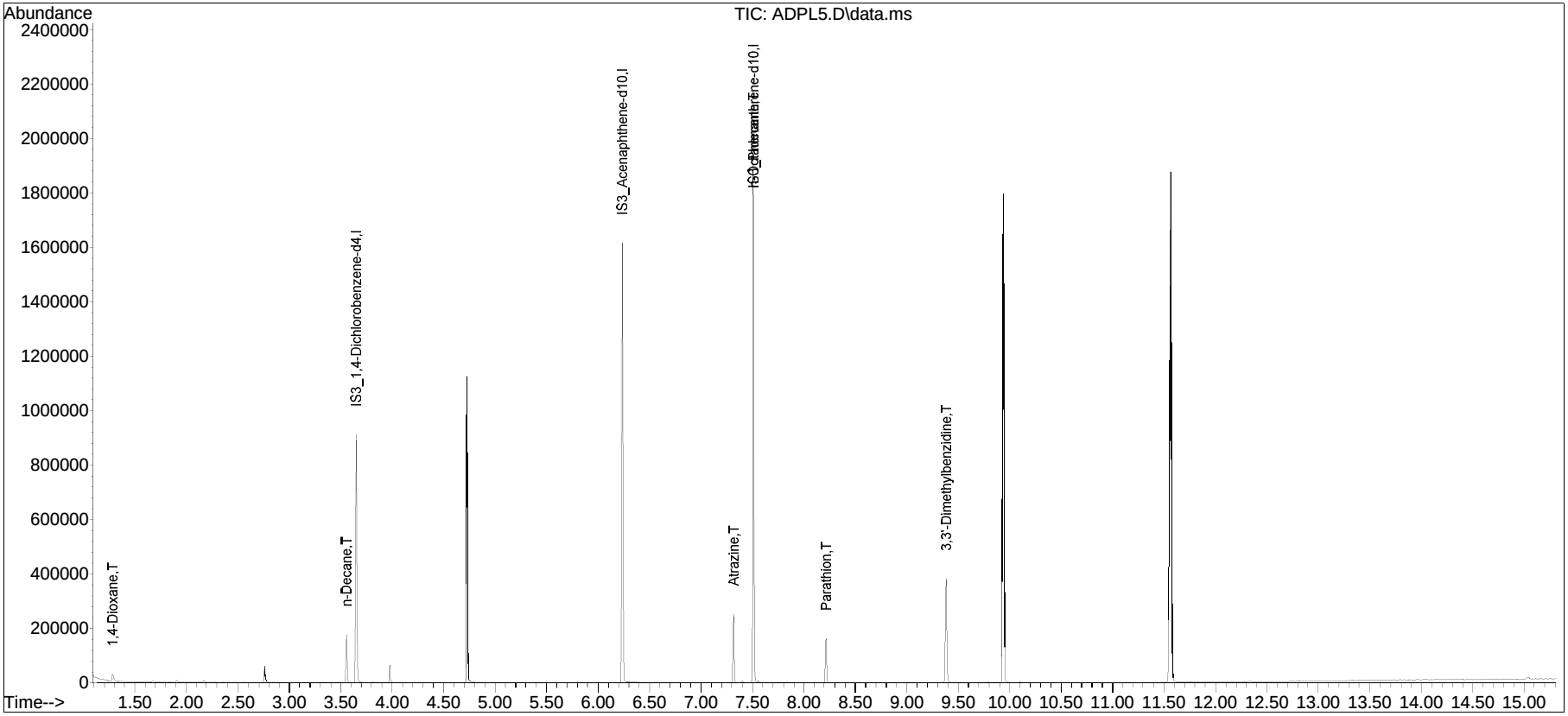
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL5.D
Acq On : 10 Dec 2025 3:00 am
Operator : MORK:jg
Sample : IL26,32,,ADPL10 Lot# 12118
Misc : WG2152654,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 10 15:40:52 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistl\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: ADPL5.D	Operator	: MORK:jg
Date Inj'd	: 12/10/2025 3:00 am	Instrument	: Mork
Sample	: IL26,32,,ADPL10 Lot# 12118	Quant Date	: 12/10/2025 2:53 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL4.D
Acq On : 10 Dec 2025 3:20 am
Operator : MORK:jg
Sample : IL27,32,,ADPL5 Lot# 12119
Misc : WG2152654,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 10 15:40:16 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.649	152	128018	40.000	ug/ml	0.00
Standard Area 1 = 111251			Recovery = 115.07%			
86) IS3_Acenaphthene-d10	6.234	164	263235	40.000	ug/ml	0.00
Standard Area 1 = 239298			Recovery = 110.00%			
100) IS3_Phenanthrene-d10	7.509	188	588853	40.000	ug/ml	# 0.00
Standard Area 1 = 535365			Recovery = 109.99%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.281	88	6477	4.770	ug/ml	94
34) n-Decane	3.555	57	13502	4.414	ug/ml	95
87) Atrazine	7.321	200	15032	5.390	ug/ml#	90
101) n-Octadecane	7.503	57	18330	4.082	ug/ml	96
102) Parathion	8.214	109	6680	4.670	ug/ml	95
103) 3,3'-Dimethylbenzidine	9.384	212	66005	5.650	ug/ml	98

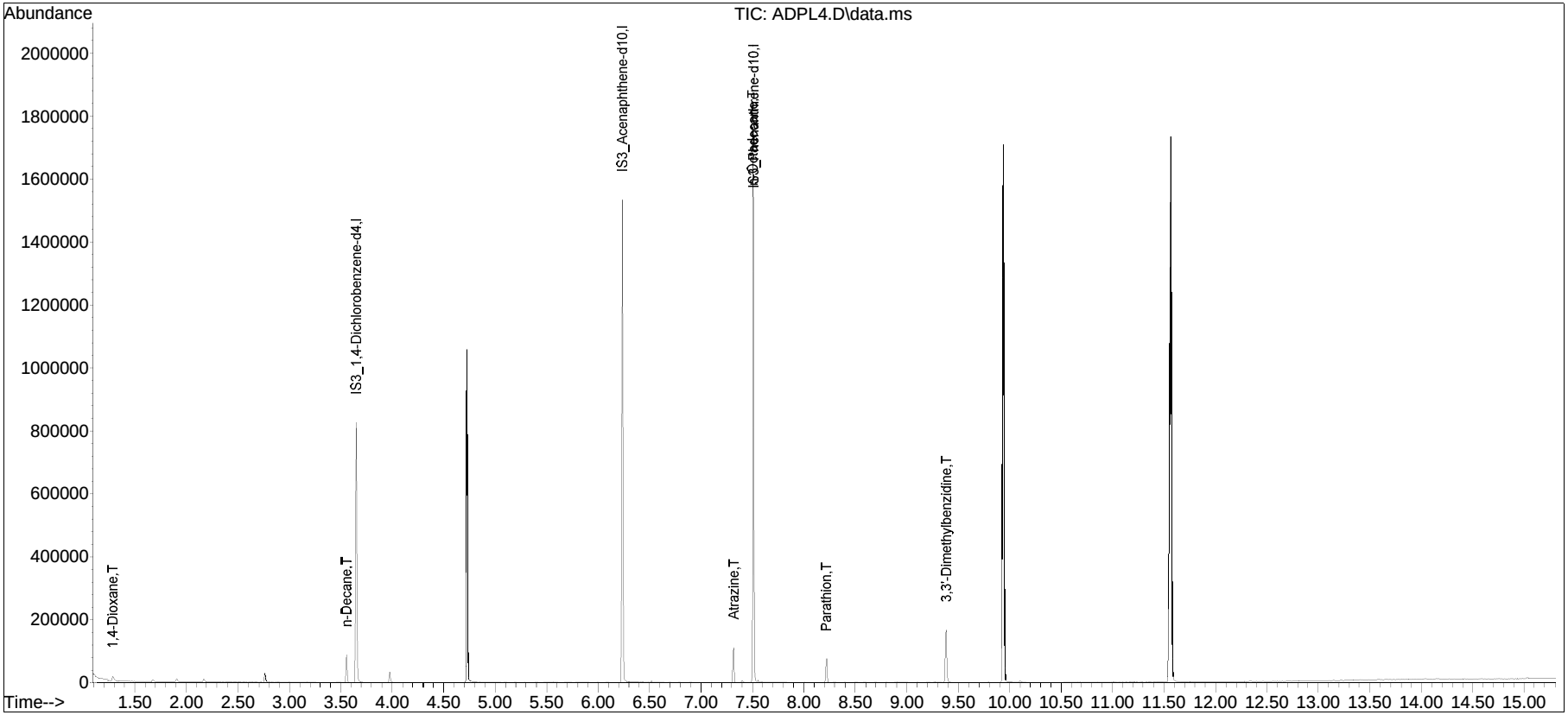
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL4.D
Acq On : 10 Dec 2025 3:20 am
Operator : MORK:jg
Sample : IL27,32,,ADPL5 Lot# 12119
Misc : WG2152654,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 10 15:40:16 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistl\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: ADPL4.D	Operator	: MORK:jg
Date Inj'd	: 12/10/2025 3:20 am	Instrument	: Mork
Sample	: IL27,32,,ADPL5 Lot# 12119	Quant Date	: 12/10/2025 2:53 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL3.D
Acq On : 10 Dec 2025 3:40 am
Operator : MORK:jg
Sample : IL28,32,,ADPL3 Lot# 12120
Misc : WG2152654,,
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 10 15:39:00 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
	Internal Standards							
32)	IS3_1,4-Dichlorobenzen...	3.649	152	115332	40.000	ug/ml		0.00
	Standard Area 1 = 111251			Recovery	= 103.67%			
86)	IS3_Acenaphthene-d10	6.234	164	234926	40.000	ug/ml		0.00
	Standard Area 1 = 239298			Recovery	= 98.17%			
100)	IS3_Phenanthrene-d10	7.509	188	521177	40.000	ug/ml	#	0.00
	Standard Area 1 = 535365			Recovery	= 97.35%			
	System Monitoring Compounds							
	Target Compounds							Qvalue
33)	1,4-Dioxane	1.281	88	3847	3.145	ug/ml	#	83
34)	n-Decane	3.555	57	6970	2.529	ug/ml		96
87)	Atrazine	7.321	200	8206	3.297	ug/ml	#	89
101)	n-Octadecane	7.509	57	9930	2.499	ug/ml		97
102)	Parathion	8.214	109	3107	2.454	ug/ml		93
103)	3,3'-Dimethylbenzidine	9.384	212	34215	3.309	ug/ml		99

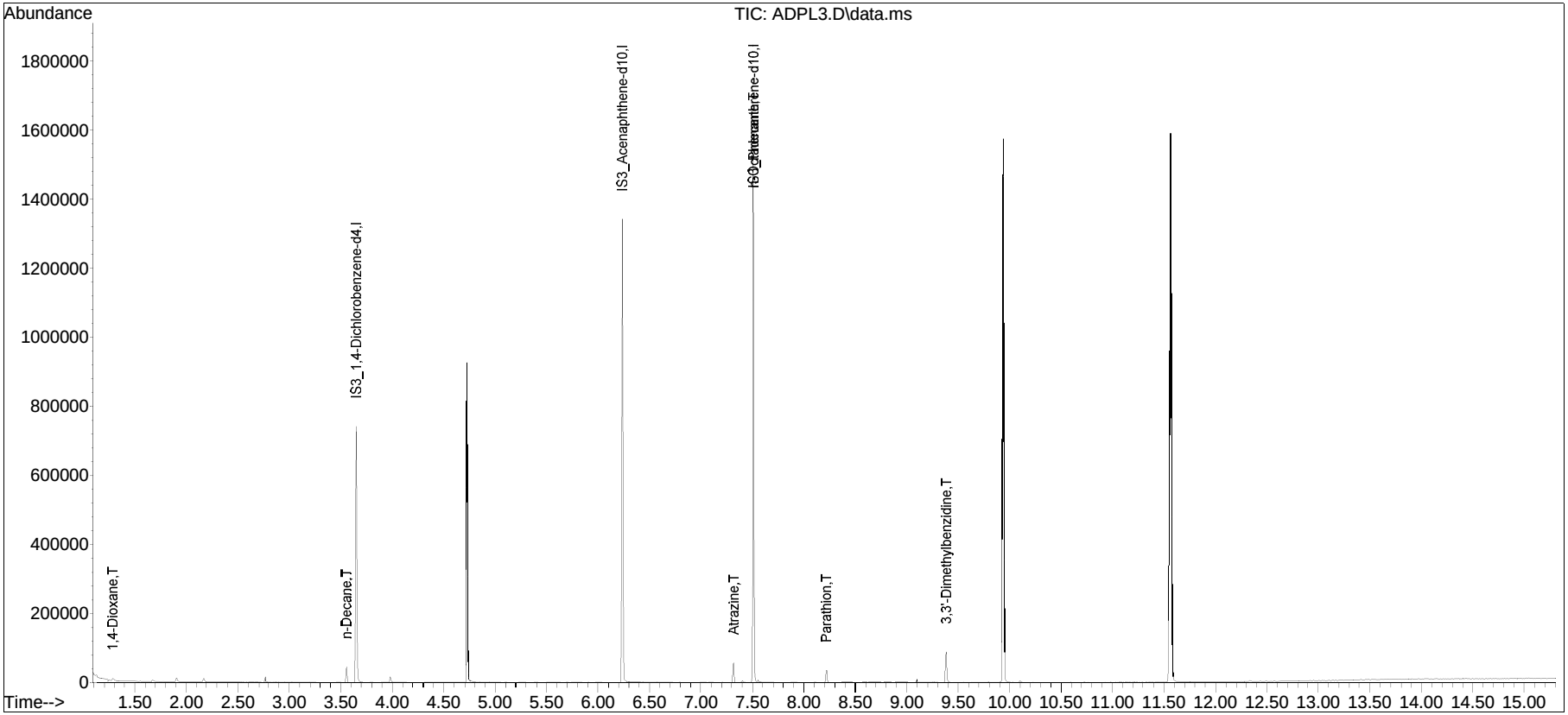
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL3.D
Acq On : 10 Dec 2025 3:40 am
Operator : MORK:jg
Sample : IL28,32,,ADPL3 Lot# 12120
Misc : WG2152654,,
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 10 15:39:00 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistl\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: ADPL3.D	Operator	: MORK:jg
Date Inj'd	: 12/10/2025 3:40 am	Instrument	: Mork
Sample	: IL28,32,,ADPL3 Lot# 12120	Quant Date	: 12/10/2025 2:53 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL2.D
Acq On : 10 Dec 2025 4:00 am
Operator : MORK:jg
Sample : IL29,32,,ADPL2 Lot# 12121
Misc : WG2152654,,
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Dec 10 15:38:25 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.649	152	120133	40.000	ug/ml	0.00
Standard Area 1 = 111251			Recovery = 107.98%			
86) IS3_Acenaphthene-d10	6.234	164	256608	40.000	ug/ml	0.00
Standard Area 1 = 239298			Recovery = 107.23%			
100) IS3_Phenanthrene-d10	7.509	188	570256	40.000	ug/ml #	0.00
Standard Area 1 = 535365			Recovery = 106.52%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.287	88	2929	2.299	ug/ml#	84
34) n-Decane	3.555	57	4930	1.718	ug/ml#	90
87) Atrazine	7.321	200	6201	2.281	ug/ml#	84
101) n-Octadecane	7.509	57	7085	1.629	ug/ml	93
102) Parathion	8.220	109	2459	1.775	ug/ml	90
103) 3,3'-Dimethylbenzidine	9.384	212	23342	2.063	ug/ml	99

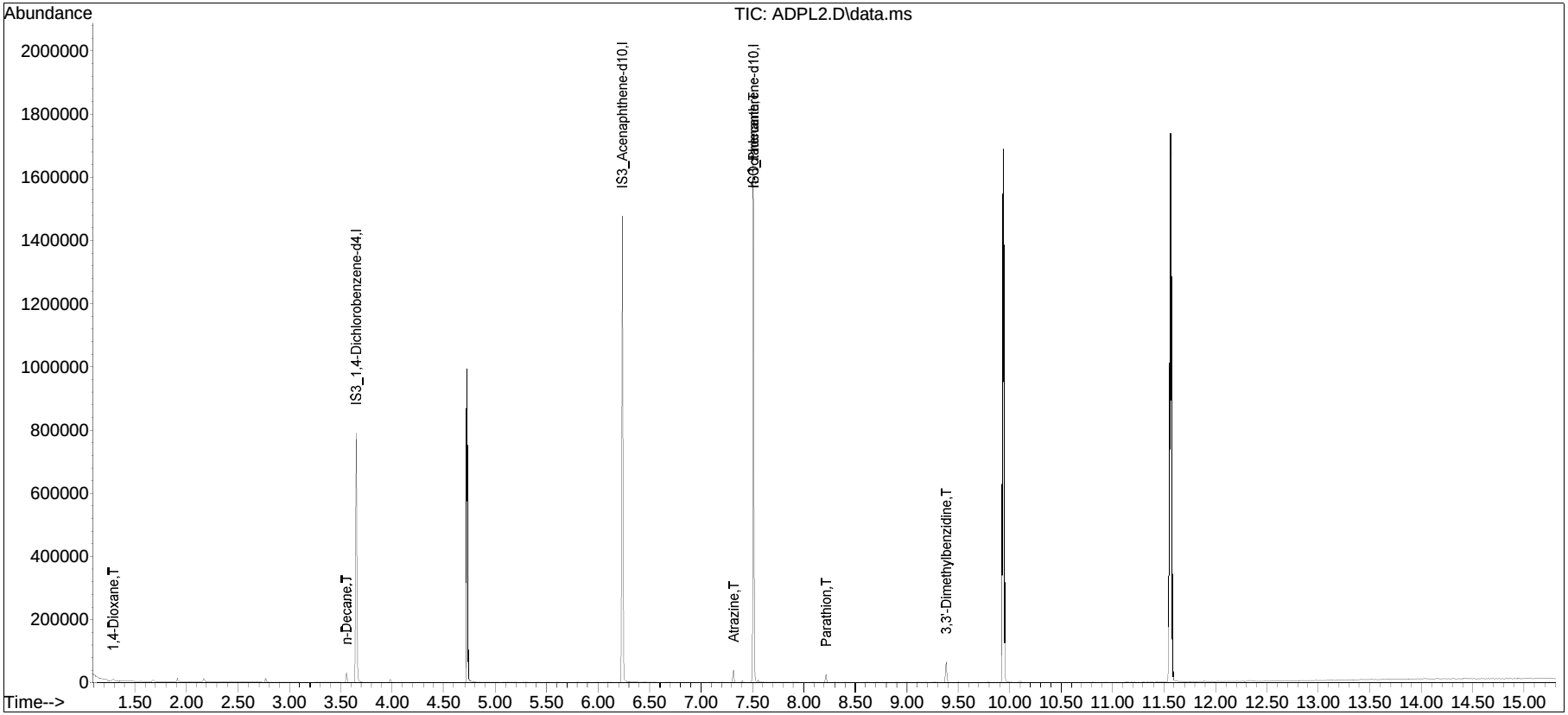
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL2.D
Acq On : 10 Dec 2025 4:00 am
Operator : MORK:jg
Sample : IL29,32,,ADPL2 Lot# 12121
Misc : WG2152654,,
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Dec 10 15:38:25 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistl\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: ADPL2.D	Operator	: MORK:jg
Date Inj'd	: 12/10/2025 4:00 am	Instrument	: Mork
Sample	: IL29,32,,ADPL2 Lot# 12121	Quant Date	: 12/10/2025 2:52 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL1.D
Acq On : 10 Dec 2025 4:20 am
Operator : MORK:jg
Sample : IL30,32,,ADPL0.5 Lot# 12122
Misc : WG2152654,,
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Dec 10 15:37:08 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
32) IS3_1,4-Dichlorobenzen...	3.649	152	127958	40.000	ug/ml		0.00
Standard Area 1 = 111251			Recovery = 115.02%				
86) IS3_Acenaphthene-d10	6.234	164	281248	40.000	ug/ml		0.00
Standard Area 1 = 239298			Recovery = 117.53%				
100) IS3_Phenanthrene-d10	7.509	188	603494	40.000	ug/ml	#	0.00
Standard Area 1 = 535365			Recovery = 112.73%				
System Monitoring Compounds							
Target Compounds							Qvalue
33) 1,4-Dioxane	1.287	88	746	0.550	ug/ml	#	31
34) n-Decane	3.555	57	1312	0.429	ug/ml		90
87) Atrazine	7.321	200	1659	0.557	ug/ml	#	82
101) n-Octadecane	7.509	57	2172	0.472	ug/ml		93
102) Parathion	8.214	109	598	0.408	ug/ml	#	74
103) 3,3'-Dimethylbenzidine	9.383	212	6152	0.514	ug/ml		95

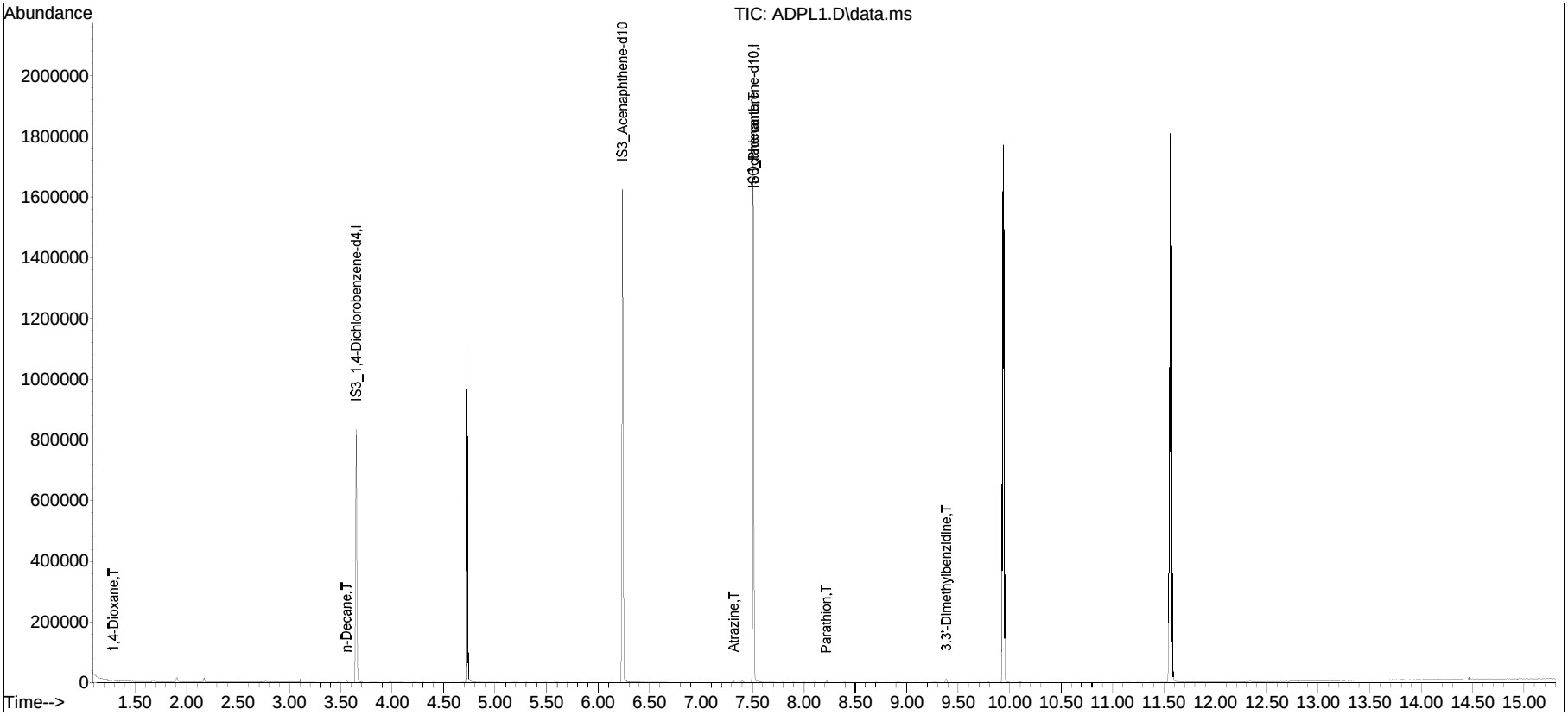
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL1.D
Acq On : 10 Dec 2025 4:20 am
Operator : MORK:jg
Sample : IL30,32,,ADPL0.5 Lot# 12122
Misc : WG2152654,,
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Dec 10 15:37:08 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistl\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: ADPL1.D	Operator	: MORK:jg
Date Inj'd	: 12/10/2025 4:20 am	Instrument	: Mork
Sample	: IL30,32,,ADPL0.5 Lot# 1212	Quant Date	: 12/10/2025 2:52 pm

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\8270\Mork\251209ical\
Data File : ADPICV.D
Acq On : 10 Dec 2025 4:41 am
Operator : MORK:jg
Sample : CQICV3,32,,ADPICV Lot# 12056
Misc : WG2152654,,
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 11 12:54:21 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Dec 11 12:54:57 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
32	I	IS3_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
33	T	1,4-Dioxane	0.399	0.377	5.5	103	0.00
34	T	n-Decane	0.806	0.810	-0.5	104	0.00
86	I	IS3_Acenaphthene-d10	1.000	1.000	0.0	99	0.00
87	T	Atrazine	0.457	0.489	-7.0	108	0.00
100	I	IS3_Phenanthrene-d10	1.000	1.000	0.0	99	0.00
101	T	n-Octadecane	0.247	0.255	-3.2	108	0.00
102	T	Parathion	0.097	0.109	-12.4	104	0.00
103	T	3,3'-Dimethylbenzidine	0.882	0.981	-11.2	106	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPICV.D
Acq On : 10 Dec 2025 4:41 am
Operator : MORK:jg
Sample : CQICV3,32,,ADPICV Lot# 12056
Misc : WG2152654,,
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 11 12:54:21 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Dec 11 12:54:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.649	152	113131	40.000	ug/ml	0.00
Standard Area 1 = 111251			Recovery = 101.69%			
86) IS3_Acenaphthene-d10	6.234	164	237789	40.000	ug/ml	0.00
Standard Area 1 = 239298			Recovery = 99.37%			
100) IS3_Phenanthrene-d10	7.509	188	529706	40.000	ug/ml	# 0.00
Standard Area 1 = 535365			Recovery = 98.94%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.281	88	53314	47.254	ug/ml	97
34) n-Decane	3.555	57	114481	50.232	ug/ml	97
87) Atrazine	7.327	200	145476	53.591	ug/ml#	89
101) n-Octadecane	7.509	57	168927	51.591	ug/ml	97
102) Parathion	8.220	109	72208	56.120	ug/ml	94
103) 3,3'-Dimethylbenzidine	9.384	212	649227	55.601	ug/ml	99

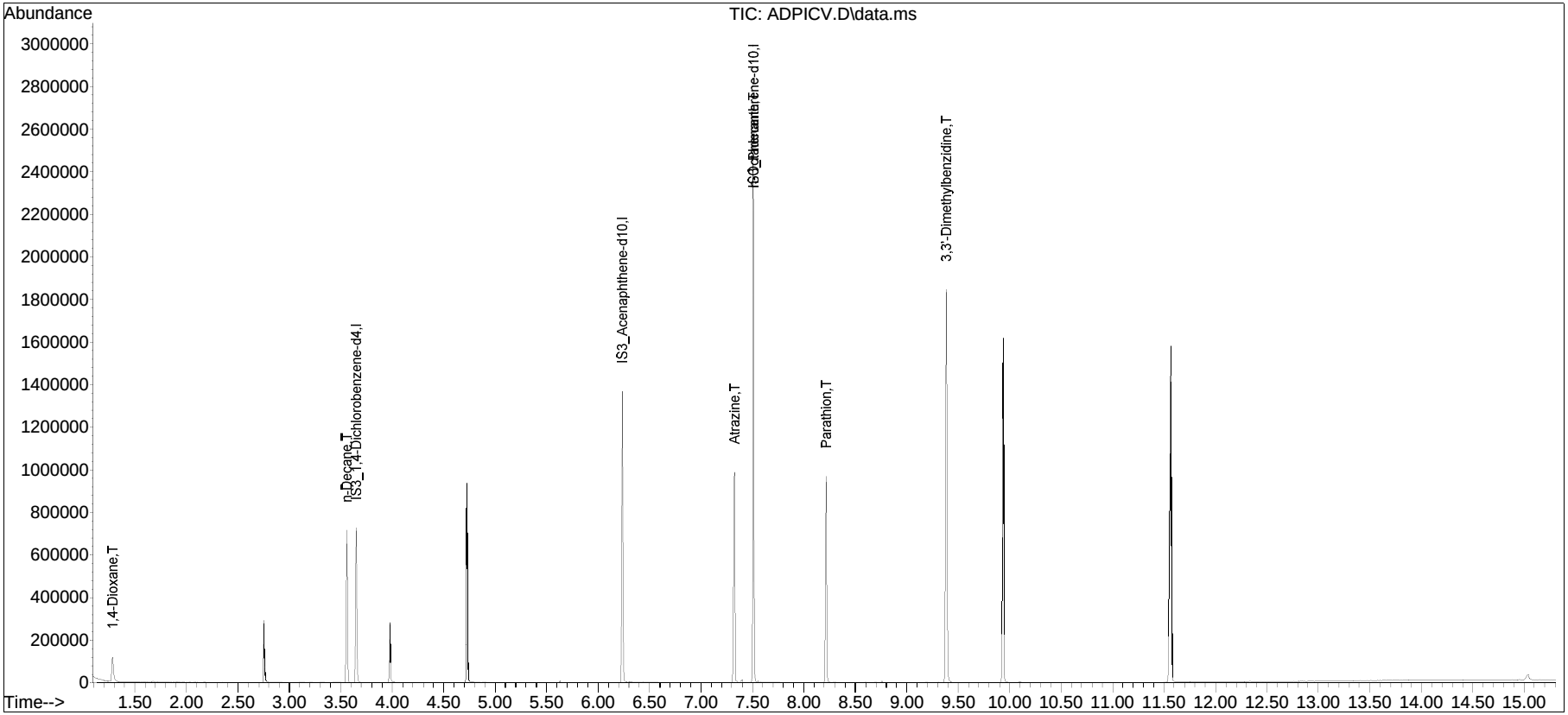
(#) = qualifier out of range (m) = manual integration (+) = signals summed

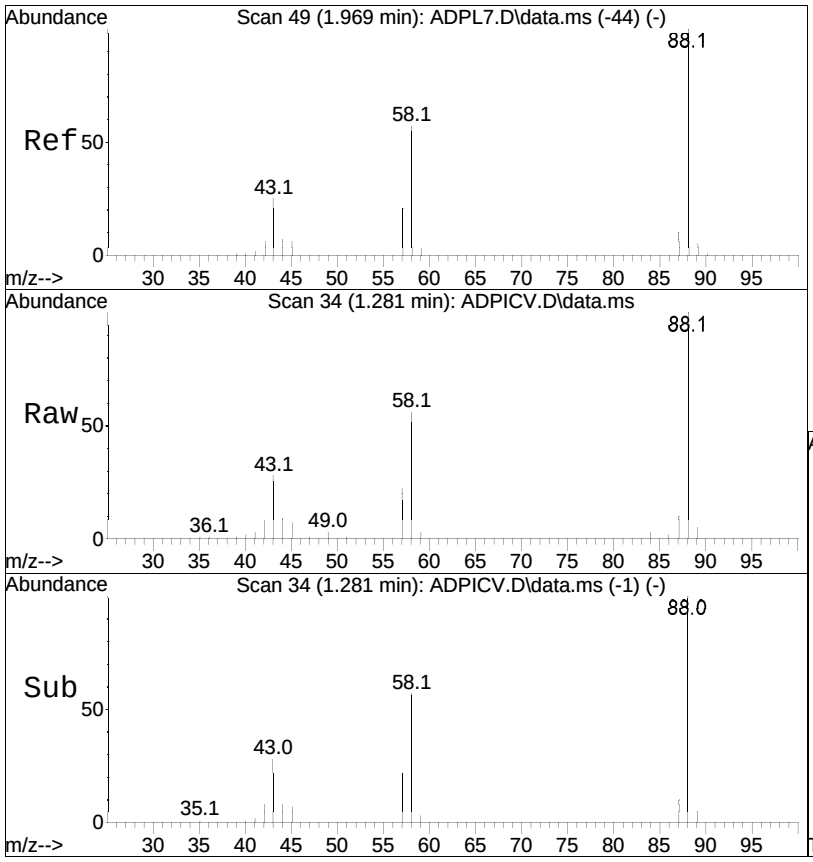
Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPICV.D
Acq On : 10 Dec 2025 4:41 am
Operator : MORK:jg
Sample : CQICV3,32,,ADPICV Lot# 12056
Misc : WG2152654,,
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 11 12:54:21 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Dec 11 12:54:57 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistl\ADPL7.D•

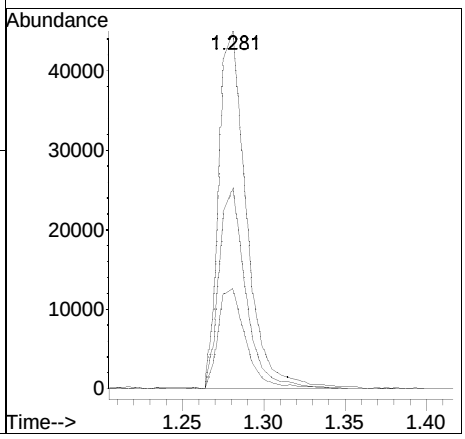


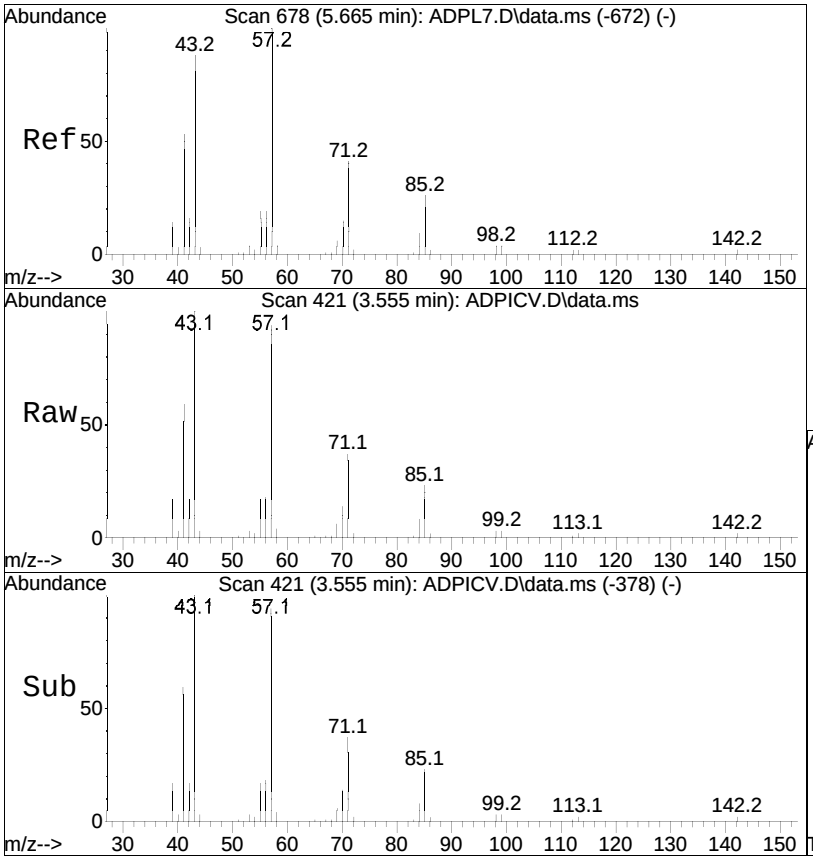


#33
1,4-Dioxane
Concen: 47.25 ug/ml
RT: 1.281 min Scan# 34
Delta R.T. 0.006 min
Lab File: ADPICV.D
Acq: 10 Dec 2025 4:41 am

Tgt Ion: 88 Resp: 53314

Ion	Ratio	Lower	Upper
88	100		
58	54.1	44.8	67.2
43	28.5	20.8	31.2

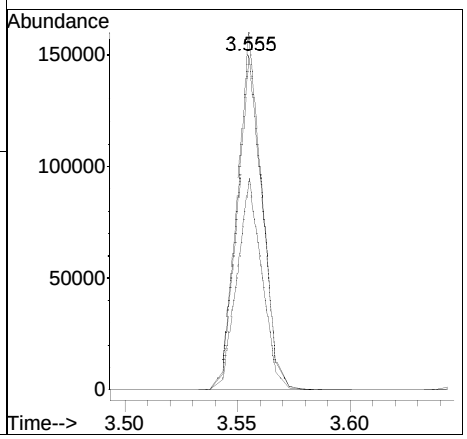


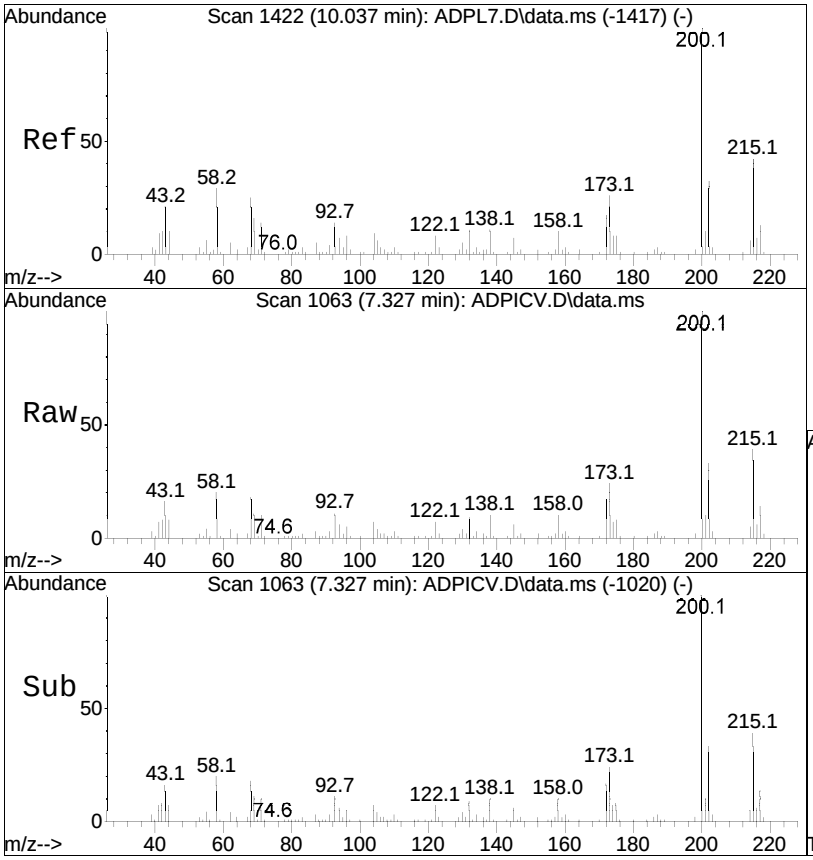


#34
n-Decane
Concen: 50.23 ug/ml
RT: 3.555 min Scan# 421
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 10 Dec 2025 4:41 am

Tgt Ion: 57 Resp: 114481

Ion	Ratio	Lower	Upper
57	100		
43	105.5	84.2	126.2
41	62.9	45.8	68.8

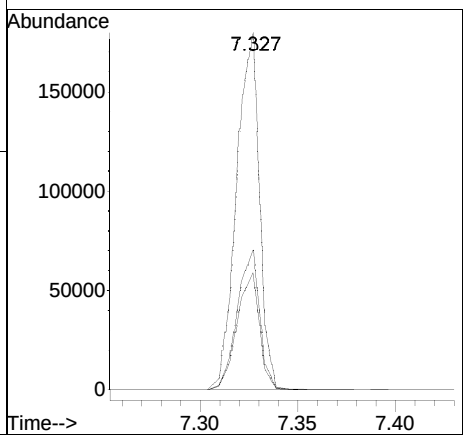


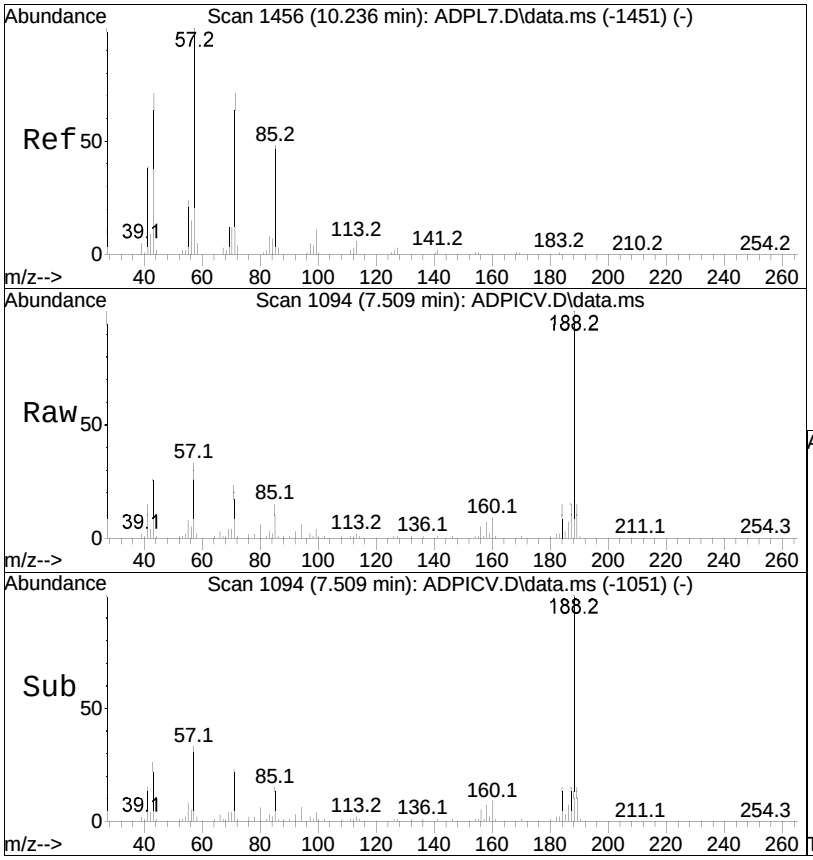


#87
Atrazine
Concen: 53.59 ug/ml
RT: 7.327 min Scan# 1063
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 10 Dec 2025 4:41 am

Tgt Ion:200 Resp: 145476

Ion	Ratio	Lower	Upper
200	100		
202	32.2	25.8	38.8
215	38.4	40.3	60.5#

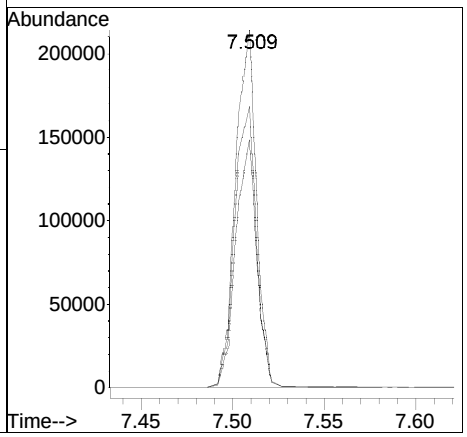


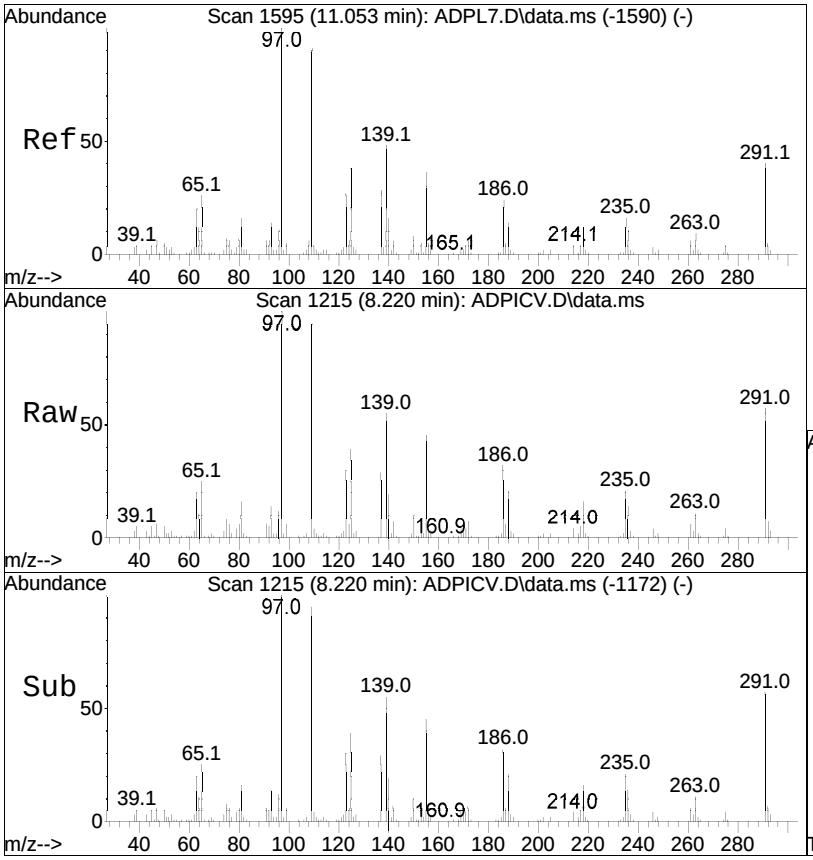


#101
n-Octadecane
Concen: 51.59 ug/ml
RT: 7.509 min Scan# 1094
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 10 Dec 2025 4:41 am

Tgt Ion: 57 Resp: 168927

Ion	Ratio	Lower	Upper
57	100		
43	81.1	65.0	97.4
71	69.2	50.5	75.7

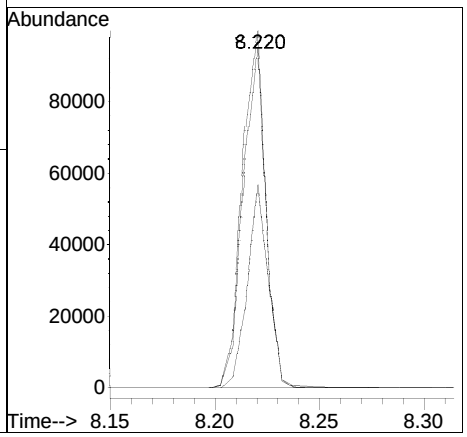


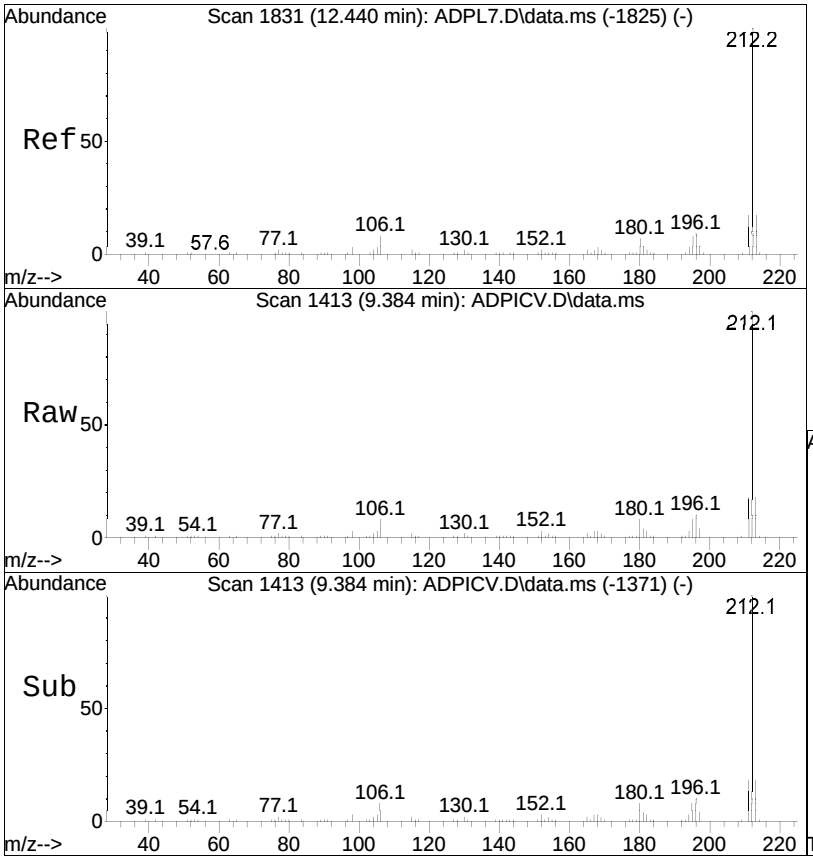


#102
Parathion
Concen: 56.12 ug/ml
RT: 8.220 min Scan# 1215
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 10 Dec 2025 4:41 am

Tgt Ion:109 Resp: 72208

Ion	Ratio	Lower	Upper
109	100		
97	107.0	88.6	133.0
291	54.4	36.5	54.7

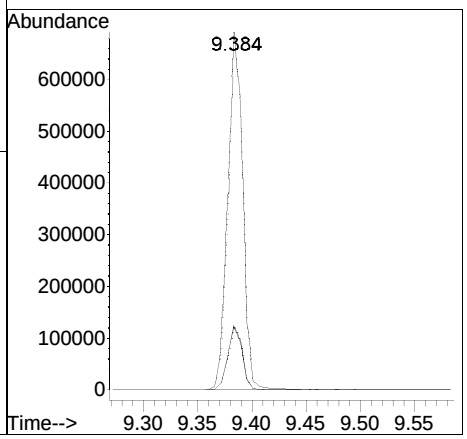




#103
3,3'-Dimethylbenzidine
Concen: 55.60 ug/ml
RT: 9.384 min Scan# 1413
Delta R.T. -0.000 min
Lab File: ADPICV.D
Acq: 10 Dec 2025 4:41 am

Tgt Ion:212 Resp: 649227

Ion	Ratio	Lower	Upper
212	100		
211	17.5	13.2	19.8
213	17.1	13.9	20.9



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: ADPICV.D	Operator	: MORK:jg
Date Inj'd	: 12/10/2025 4:41 am	Instrument	: Mork
Sample	: CQICV3,32,,ADPICV Lot# 120	Quant Date	: 12/11/2025 12:54 pm

There are no manual integrations or false positives in this file.

Evaluate Relative Error Report Mork

Method Path : I:\8270\Mork\251209ical\
Method File : FS251209Mork.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Thu Dec 11 12:38:17 2025

COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE

Calibration Correlation Report

COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant

Continuing Calibration

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: JULIET		Calibration Date	: 12/27/25 07:40	
Lab File ID	: ABN1227		Init. Calib. Date(s)	: 06/14/25	06/15/25
Sample No	: WG2159109-3		Init. Calib. Times	: 13:05	01:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	93	0
n-Nitrosodimethylamine	0.546	0.613	-	-12.3	20	104	0
Pyridine	0.975	1.075	-	-10.3	20	106	0
2-Fluorophenol	0.985	0.987	-	-0.2	20	94	0
Aniline	1.622	1.714	-	-5.7	20	102	0
2-Chlorophenol	1.264	1.267	-	-0.2	20	97	0
Phenol-d6	1.265	1.282	-	-1.3	20	99	0
Phenol	1.411	1.283	-	9.1	20	88	0
Bis(2-chloroethyl)ether	0.911	0.968	-	-6.3	20	103	0
1,3-Dichlorobenzene	1.548	1.44	-	7	20	94	0
1,4-Dichlorobenzene	1.574	1.475	-	6.3	20	93	0
1,2-Dichlorobenzene	1.517	1.442	-	4.9	20	95	0
Benzyl alcohol	0.892	0.922	-	-3.4	20	96	0
Bis(2-chloroisopropyl)ethe	1.331	1.644	-	-23.5*	20	121	0
2-Methylphenol	1.052	1.058	-	-0.6	20	96	0
Hexachloroethane	0.495	0.518	-	-4.6	20	102	0
n-Nitrosodi-n-propylamine	0.777	0.851	-	-9.5	20	108	0
3-Methylphenol/4-Methylphe	1.12	1.124	-	-0.4	20	96	0
Nitrobenzene-d5	1.104	1.22	-	-10.5	20	103	0
Nitrobenzene	1.089	1.227	-	-12.7	20	108	0
Isophorone	2.147	2.363	-	-10.1	20	110	0
2-Nitrophenol	0.624	0.764	-	-22.4*	20	111	0
2,4-Dimethylphenol	1.254	1.242	-	1	20	95	0
Bis(2-chloroethoxy)methane	1.33	1.42	-	-6.8	20	105	0
2,4-Dichlorophenol	1.424	1.357	-	4.7	20	92	0
1,2,4-Trichlorobenzene	1.727	1.525	-	11.7	20	88	0
IS1_Naphthalene-d8	1	1	-	0	20	102	0
Naphthalene	1.063	0.959	-	9.8	20	97	0
Benzoic Acid	50	54.367	-	-8.7	20	111	0
4-Chloroaniline	0.108	0.106	-	1.9	20	100	0
Hexachlorobutadiene	0.298	0.217	-	27.2*	20	81	0
p-Chloro-m-cresol	0.294	0.273	-	7.1	20	96	0
2-Methylnaphthalene	0.719	0.643	-	10.6	20	98	0
1-Methylnaphthalene	0.227	0.198	-	12.8	20	92	0
Hexachlorocyclopentadiene	0.323	0.184	-	43*	20	57	0
2,4,6-Trichlorophenol	0.342	0.28	-	18.1	20	83	0
2,4,5-Trichlorophenol	0.371	0.305	-	17.8	20	92	0
2-Fluorobiphenyl	1.105	0.901	-	18.5	20	87	0
2-Chloronaphthalene	0.883	0.758	-	14.2	20	94	0
2-Nitroaniline	0.223	0.246	-	-10.3	20	106	0
1,4-Dinitrobenzene	0.104	0.118	-	-13.5	20	105	0
1,3-Dinitrobenzene	0.124	0.134	-	-8.1	20	101	0
Dimethyl phthalate	1.098	0.948	-	13.7	20	94	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: JULIET		Calibration Date	: 12/27/25 07:40	
Lab File ID	: ABN1227		Init. Calib. Date(s)	: 06/14/25	06/15/25
Sample No	: WG2159109-3		Init. Calib. Times	: 13:05	01:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.459	1.257	-	13.8	20	91	0
2,6-Dinitrotoluene	0.2	0.201	-	-0.5	20	98	0
1,2-Dinitrobenzene	0.08	0.08	-	0	20	95	0
IS1_Acenaphthene-d10	1	1	-	0	20	94	0
3-Nitroaniline	0.302	0.339	-	-12.3	20	103	0
Acenaphthene	1.179	1.046	-	11.3	20	88	0
2,4-Dinitrophenol	50	65.337	-	-30.7*	20	134	0
Dibenzofuran	1.987	1.766	-	11.1	20	91	0
2,4-Dinitrotoluene	0.393	0.444	-	-13	20	100	0
4-Nitrophenol	0.189	0.207	-	-9.5	20	103	0
2,3,5,6-Tetrachlorophenol	0.472	0.424	-	10.2	20	87	0
2,3,4,6-Tetrachlorophenol	0.484	0.415	-	14.3	20	84	0
Diethyl phthalate	1.464	1.425	-	2.7	20	100	0
Fluorene	1.571	1.443	-	8.1	20	93	0
4-Chlorophenyl phenyl ethe	0.853	0.695	-	18.5	20	82	0
4-Nitroaniline	0.317	0.332	-	-4.7	20	97	0
4,6-Dinitro-o-cresol	50	65.776	-	-31.6*	20	131	0
NDPA/DPA	1.356	1.154	-	14.9	20	87	0
Azobenzene	1	1.045	-	-4.5	20	102	0
2,4,6-Tribromophenol	0.254	0.23	-	9.4	20	90	0
4-Bromophenyl phenyl ether	0.539	0.439	-	18.6	20	86	0
Hexachlorobenzene	0.597	0.516	-	13.6	20	92	0
Pentachlorophenol	0.354	0.331	-	6.5	20	84	0
IS1_Phenanthrene-d10	1	1	-	0	20	95	0
Phenanthrene	1.151	1.011	-	12.2	20	90	0
Anthracene	1.169	1.054	-	9.8	20	92	0
Carbazole	1.1	0.975	-	11.4	20	93	0
Di-n-butylphthalate	1.153	1.2	-	-4.1	20	104	0
Fluoranthene	1.561	1.375	-	11.9	20	90	0
Benzidine	0.982	0.941	-	4.2	20	96	0
Pyrene	1.633	1.418	-	13.2	20	88	0
4-Terphenyl-d14	1.213	0.984	-	18.9	20	83	0
Butyl benzyl phthalate	0.523	0.571	-	-9.2	20	102	0
IS1_Chrysene-d12	1	1	-	0	20	92	0
Benzo(a)anthracene	1.536	1.302	-	15.2	20	83	0
3,3'-Dichlorobenzidine	0.566	0.527	-	6.9	20	88	0
Chrysene	1.37	1.204	-	12.1	20	87	0
Bis(2-ethylhexyl)phthalate	0.661	0.769	-	-16.3	20	103	0
Di-n-octylphthalate	1.154	1.426	-	-23.6*	20	106	0
Benzo(b)fluoranthene	1.488	1.39	-	6.6	20	90	0
Benzo(k)fluoranthene	1.444	1.177	-	18.5	20	80	0
Benzo(a)pyrene	1.396	1.264	-	9.5	20	86	0
IS1_Perylene-d12	1	1	-	0	20	90	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		**Lab Number**	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E EXCAVATION	
Instrument ID	: JULIET		**Calibration Date**	: 12/27/25 07:40	
Lab File ID	: ABN1227		**Init. Calib. Date(s)**	: 06/14/25	06/15/25
Sample No	: WG2159109-3		**Init. Calib. Times**	: 13:05	01:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.283	1.194	-	6.9	20	87	0
Dibenzo(a,h)anthracene	1.22	1.136	-	6.9	20	87	0
Benzo(ghi)perylene	1.239	1.125	-	9.2	20	85	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		**Lab Number**	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E EXCAVATION	
Instrument ID	: JULIET		**Calibration Date**	: 12/27/25 08:04	
Lab File ID	: AP91227		**Init. Calib. Date(s)**	: 06/14/25	06/15/25
Sample No	: WG2159109-4		**Init. Calib. Times**	: 13:05	01:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	84	0
Benzaldehyde	0.862	0.991	-	-15	20	99	0
Acetophenone	1.581	1.838	-	-16.3	20	97	0
m-Toluidine	1.448	1.844	-	-27.3*	20	99	0
2-Chloroaniline	1.607	1.801	-	-12.1	20	93	0
IS2_Naphthalene-d8	1	1	-	0	20	91	0
a-Terpineol	0.194	0.27	-	-39.2*	20	121	0
3-Chloroaniline	0.109	0.131	-	-20.2*	20	110	0
2,6-Dichlorophenol	0.349	0.367	-	-5.2	20	90	0
1-chloro-2-nitrobenzene	0.125	0.149	-	-19.2	20	102	0
Caprolactam	0.115	0.162	-	-40.9*	20	124	0
1,2,4,5-Tetrachlorobenzene	0.565	0.488	-	13.6	20	77	0
Biphenyl	1.042	1.037	-	0.5	20	89	0
IS2_Acenaphthene-d10	1	1	-	0	20	92	0
Dichloran	0.218	0.256	-	-17.4	20	103	0
Pentachloronitrobenzene	0.19	0.193	-	-1.6	20	85	0
IS2_Phenanthrene-d10	1	1	-	0	20	90	0
Diphenamid	0.529	0.562	-	-6.2	20	94	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		**Lab Number**	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E EXCAVATION	
Instrument ID	: JULIET		**Calibration Date**	: 12/27/25 08:28	
Lab File ID	: ADP1227		**Init. Calib. Date(s)**	: 06/14/25	06/15/25
Sample No	: WG2159109-5		**Init. Calib. Times**	: 13:05	01:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	78	0
1,4-Dioxane	0.304	0.439	-	-44.4*	20	112	0
n-Decane	0.752	1.056	-	-40.4*	20	108	0
IS3_Acenaphthene-d10	1	1	-	0	20	79	0
Atrazine	0.463	0.487	-	-5.2	20	79	0
IS3_Phenanthrene-d10	1	1	-	0	20	83	0
n-Octadecane	0.205	0.315	-	-53.7*	20	120	0
Parathion	0.071	0.126	-	-77.5*	20	140	0
3,3'-Dimethylbenzidine	0.953	1.033	-	-8.4	20	86	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: SV134		Calibration Date	: 12/29/25 06:49	
Lab File ID	: ABN1229		Init. Calib. Date(s)	: 08/29/25	09/03/25
Sample No	: WG2159560-3		Init. Calib. Times	: 07:32	07:03
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	66	0
n-Nitrosodimethylamine	0.762	0.773	-	-1.4	20	66	0
Pyridine	1	1.321	-	-32.1*	20	79	0
2-Fluorophenol	1.113	1.154	-	-3.7	20	66	0
Aniline	1.952	1.995	-	-2.2	20	66	0
2-Chlorophenol	1.301	1.363	-	-4.8	20	66	0
Phenol-d6	1.384	1.489	-	-7.6	20	68	0
Phenol	1.671	1.745	-	-4.4	20	67	0
Bis(2-chloroethyl)ether	1.22	1.199	-	1.7	20	64	0
1,3-Dichlorobenzene	1.544	1.537	-	0.5	20	65	0
1,4-Dichlorobenzene	1.595	1.56	-	2.2	20	65	0
1,2-Dichlorobenzene	1.511	1.492	-	1.3	20	65	0
Benzyl alcohol	1.001	1.137	-	-13.6	20	69	0
Bis(2-chloroisopropyl)ethe	2.117	2.245	-	-6	20	69	0
2-Methylphenol	1.164	1.214	-	-4.3	20	67	0
Hexachloroethane	0.546	0.556	-	-1.8	20	66	0
n-Nitrosodi-n-propylamine	0.92	0.955	-	-3.8	20	66	0
3-Methylphenol/4-Methylphe	1.219	1.303	-	-6.9	20	68	0
Nitrobenzene-d5	1.122	1.397	-	-24.5*	20	74	0
Nitrobenzene	1.174	1.427	-	-21.6*	20	72	0
Isophorone	2.543	2.664	-	-4.8	20	67	0
2-Nitrophenol	0.486	0.778	-	-60.1*	20	95	0
2,4-Dimethylphenol	1.289	1.41	-	-9.4	20	69	0
Bis(2-chloroethoxy)methane	1.602	1.661	-	-3.7	20	66	0
2,4-Dichlorophenol	1.121	1.327	-	-18.4	20	72	0
1,2,4-Trichlorobenzene	1.353	1.441	-	-6.5	20	70	0
IS1_Naphthalene-d8	1	1	-	0	20	71	0
Naphthalene	1.078	1.043	-	3.2	20	69	0
Benzoic Acid	50	58.451	-	-16.9	20	86	0
4-Chloroaniline	0.139	0.135	-	2.9	20	66	0
Hexachlorobutadiene	0.219	0.212	-	3.2	20	69	0
p-Chloro-m-cresol	0.295	0.315	-	-6.8	20	70	0
2-Methylnaphthalene	0.665	0.673	-	-1.2	20	70	0
1-Methylnaphthalene	0.235	0.225	-	4.3	20	67	0
Hexachlorocyclopentadiene	0.189	0.281	-	-48.7*	20	94	0
2,4,6-Trichlorophenol	0.222	0.271	-	-22.1*	20	78	0
2,4,5-Trichlorophenol	0.251	0.29	-	-15.5	20	75	0
2-Fluorobiphenyl	0.848	0.886	-	-4.5	20	73	0
2-Chloronaphthalene	0.724	0.742	-	-2.5	20	71	0
2-Nitroaniline	0.182	0.245	-	-34.6*	20	85	0
1,4-Dinitrobenzene	0.084	0.129	-	-53.6*	20	101	0
1,3-Dinitrobenzene	0.097	0.142	-	-46.4*	20	94	0
Dimethyl phthalate	0.863	0.908	-	-5.2	20	72	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: SV134		Calibration Date	: 12/29/25 06:49	
Lab File ID	: ABN1229		Init. Calib. Date(s)	: 08/29/25	09/03/25
Sample No	: WG2159560-3		Init. Calib. Times	: 07:32	07:03
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.195	1.237	-	-3.5	20	71	0
2,6-Dinitrotoluene	50	61.843	-	-23.7*	20	86	0
1,2-Dinitrobenzene	0.062	0.091	-	-46.8*	20	90	0
IS1_Acenaphthene-d10	1	1	-	0	20	83	0
3-Nitroaniline	0.304	0.324	-	-6.6	20	77	0
Acenaphthene	1.19	1.023	-	14	20	71	0
2,4-Dinitrophenol	50	87.705	-	-75.4*	20	148	0
Dibenzofuran	1.877	1.651	-	12	20	73	0
2,4-Dinitrotoluene	50	53.245	-	-6.5	20	88	0
4-Nitrophenol	0.26	0.25	-	3.8	20	74	0
2,3,5,6-Tetrachlorophenol	0.325	0.392	-	-20.6*	20	87	0
2,3,4,6-Tetrachlorophenol	0.346	0.377	-	-9	20	81	0
Diethyl phthalate	1.519	1.349	-	11.2	20	71	0
Fluorene	1.511	1.364	-	9.7	20	73	0
4-Chlorophenyl phenyl ethe	0.746	0.666	-	10.7	20	75	0
4-Nitroaniline	0.312	0.34	-	-9	20	80	0
4,6-Dinitro-o-cresol	50	73.061	-	-46.1*	20	123	0
NDPA/DPA	1.31	1.169	-	10.8	20	73	0
Azobenzene	1.406	1.171	-	16.7	20	67	0
2,4,6-Tribromophenol	0.187	0.213	-	-13.9	20	85	0
4-Bromophenyl phenyl ether	0.45	0.413	-	8.2	20	76	0
Hexachlorobenzene	0.51	0.449	-	12	20	73	0
Pentachlorophenol	50	51.693	-	-3.4	20	89	0
IS1_Phenanthrene-d10	1	1	-	0	20	81	0
Phenanthrene	1.168	1.047	-	10.4	20	74	0
Anthracene	1.166	1.076	-	7.7	20	73	0
Carbazole	1.104	0.984	-	10.9	20	71	0
Di-n-butylphthalate	1.197	1.161	-	3	20	71	0
Fluoranthene	1.341	1.22	-	9	20	71	.01
Benzidine	0.766	0.835	-	-9	20	79	.01
Pyrene	1.404	1.278	-	9	20	72	.01
4-Terphenyl-d14	1.003	0.936	-	6.7	20	73	.01
Butyl benzyl phthalate	0.527	0.515	-	2.3	20	71	.01
IS1_Chrysene-d12	1	1	-	0	20	74	.02
Benzo(a)anthracene	1.369	1.341	-	2	20	71	.02
3,3'-Dichlorobenzidine	0.471	0.504	-	-7	20	73	.02
Chrysene	1.314	1.266	-	3.7	20	72	.02
Bis(2-ethylhexyl)phthalate	0.758	0.827	-	-9.1	20	71	.02
Di-n-octylphthalate	1.374	1.373	-	0.1	20	69	.02
Benzo(b)fluoranthene	1.286	1.23	-	4.4	20	69	.02
Benzo(k)fluoranthene	1.292	1.265	-	2.1	20	71	.02
Benzo(a)pyrene	1.204	1.196	-	0.7	20	70	.02
IS1_Perylene-d12	1	1	-	0	20	76	.02

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		**Lab Number**	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E EXCAVATION	
Instrument ID	: SV134		**Calibration Date**	: 12/29/25 06:49	
Lab File ID	: ABN1229		**Init. Calib. Date(s)**	: 08/29/25	09/03/25
Sample No	: WG2159560-3		**Init. Calib. Times**	: 07:32	07:03
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.084	0.949	-	12.5	20	62	.02
Dibenzo(a,h)anthracene	1.09	0.947	-	13.1	20	63	.02
Benzo(ghi)perylene	1.132	0.943	-	16.7	20	61	.03

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		**Lab Number**	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E EXCAVATION	
Instrument ID	: SV134		**Calibration Date**	: 12/29/25 07:10	
Lab File ID	: AP91229		**Init. Calib. Date(s)**	: 08/29/25	09/03/25
Sample No	: WG2159560-4		**Init. Calib. Times**	: 07:32	07:03
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	71	.07
Benzaldehyde	0.662	0.985	-	-48.8*	20	103	.08
Acetophenone	1.971	1.759	-	10.8	20	61	.03
m-Toluidine	1.331	1.82	-	-36.7*	20	91	.03
2-Chloroaniline	1.765	1.616	-	8.4	20	64	.03
IS2_Naphthalene-d8	1	1	-	0	20	74	.05
a-Terpineol	0.319	0.304	-	4.7	20	67	.01
3-Chloroaniline	0.142	0.133	-	6.3	20	68	.01
2,6-Dichlorophenol	0.246	0.297	-	-20.7*	20	80	.02
1-chloro-2-nitrobenzene	0.108	0.134	-	-24.1*	20	84	.02
Caprolactam	0.17	0.178	-	-4.7	20	71	0
1,2,4,5-Tetrachlorobenzene	0.397	0.362	-	8.8	20	68	.04
Biphenyl	0.951	0.859	-	9.7	20	67	.03
IS2_Acenaphthene-d10	1	1	-	0	20	87	.06
Dichloran	50	56.242	-	-12.5	20	109	.04
Pentachloronitrobenzene	0.142	0.163	-	-14.8	20	98	.06
IS2_Phenanthrene-d10	1	1	-	0	20	88	.08
Diphenamid	0.506	0.45	-	11.1	20	70	.05

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		**Lab Number**	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E EXCAVATION	
Instrument ID	: SV134		**Calibration Date**	: 12/29/25 08:14	
Lab File ID	: ADP1229A		**Init. Calib. Date(s)**	: 08/29/25	09/03/25
Sample No	: WG2159560-5		**Init. Calib. Times**	: 07:32	07:03
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	60	.07
1,4-Dioxane	0.487	0.452	-	7.2	20	53	-.07
n-Decane	1.754	1.582	-	9.8	20	50	.04
IS3_Acenaphthene-d10	1	1	-	0	20	77	.06
Atrazine	0.434	0.4	-	7.8	20	67	0
IS3_Phenanthrene-d10	1	1	-	0	20	80	.08
n-Octadecane	0.544	0.47	-	13.6	20	60	0
Parathion	50	48.088	-	3.8	20	84	.04
3,3'-Dimethylbenzidine	0.884	0.78	-	11.8	20	65	.26

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: GCMS5		Calibration Date	: 12/29/25 08:58	
Lab File ID	: ABN1229		Init. Calib. Date(s)	: 07/31/25	08/01/25
Sample No	: WG2159627-3		Init. Calib. Times	: 22:15	11:59
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	105	0
n-Nitrosodimethylamine	0.744	0.835	-	-12.2	20	118	0
Pyridine	1.293	1.415	-	-9.4	20	113	0
2-Fluorophenol	1.117	1.101	-	1.4	20	102	0
Aniline	1.946	1.948	-	-0.1	20	103	0
2-Chlorophenol	1.34	1.253	-	6.5	20	97	0
Phenol-d6	1.507	1.482	-	1.7	20	101	0
Phenol	1.587	1.585	-	0.1	20	104	0
Bis(2-chloroethyl)ether	1.163	1.132	-	2.7	20	106	0
1,3-Dichlorobenzene	1.566	1.418	-	9.5	20	97	0
1,4-Dichlorobenzene	1.641	1.44	-	12.2	20	95	0
1,2-Dichlorobenzene	1.579	1.373	-	13	20	94	0
Benzyl alcohol	1.083	1.179	-	-8.9	20	110	0
Bis(2-chloroisopropyl)ethe	1.92	1.28	-	33.3*	20	70	0
2-Methylphenol	1.183	1.156	-	2.3	20	101	0
Hexachloroethane	0.583	0.555	-	4.8	20	100	0
n-Nitrosodi-n-propylamine	0.951	1.082	-	-13.8	20	115	0
3-Methylphenol/4-Methylphe	1.271	1.271	-	0	20	102	0
Nitrobenzene-d5	1.373	1.481	-	-7.9	20	109	0
Nitrobenzene	1.372	1.512	-	-10.2	20	112	0
Isophorone	2.501	2.754	-	-10.1	20	110	0
2-Nitrophenol	0.683	0.742	-	-8.6	20	105	0
2,4-Dimethylphenol	1.317	1.356	-	-3	20	104	0
Bis(2-chloroethoxy)methane	1.588	1.626	-	-2.4	20	107	0
2,4-Dichlorophenol	1.277	1.248	-	2.3	20	99	0
1,2,4-Trichlorobenzene	1.512	1.349	-	10.8	20	97	0
IS1_Naphthalene-d8	1	1	-	0	20	106	0
Naphthalene	1.075	0.976	-	9.2	20	100	0
Benzoic Acid	0.26	0.288	-	-10.8	20	116	0
4-Chloroaniline	0.134	0.134	-	0	20	105	0
Hexachlorobutadiene	0.229	0.198	-	13.5	20	95	0
p-Chloro-m-cresol	0.293	0.307	-	-4.8	20	106	0
2-Methylnaphthalene	0.669	0.63	-	5.8	20	101	0
1-Methylnaphthalene	0.245	0.211	-	13.9	20	92	0
Hexachlorocyclopentadiene	0.28	0.256	-	8.6	20	94	0
2,4,6-Trichlorophenol	0.268	0.257	-	4.1	20	95	0
2,4,5-Trichlorophenol	0.295	0.276	-	6.4	20	99	0
2-Fluorobiphenyl	0.915	0.811	-	11.4	20	95	0
2-Chloronaphthalene	0.771	0.705	-	8.6	20	98	0
2-Nitroaniline	0.228	0.237	-	-3.9	20	101	0
1,4-Dinitrobenzene	0.112	0.117	-	-4.5	20	104	0
1,3-Dinitrobenzene	0.137	0.125	-	8.8	20	92	0
Dimethyl phthalate	0.935	0.837	-	10.5	20	95	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: GCMS5		Calibration Date	: 12/29/25 08:58	
Lab File ID	: ABN1229		Init. Calib. Date(s)	: 07/31/25	08/01/25
Sample No	: WG2159627-3		Init. Calib. Times	: 22:15	11:59
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.3	1.154	-	11.2	20	92	0
2,6-Dinitrotoluene	0.184	0.191	-	-3.8	20	102	0
1,2-Dinitrobenzene	0.086	0.079	-	8.1	20	92	0
IS1_Acenaphthene-d10	1	1	-	0	20	99	0
3-Nitroaniline	0.335	0.353	-	-5.4	20	97	0
Acenaphthene	1.159	1.084	-	6.5	20	93	0
2,4-Dinitrophenol	50	50.092	-	-0.2	20	107	0
Dibenzofuran	1.893	1.741	-	8	20	91	0
2,4-Dinitrotoluene	50	40.919	-	18.2	20	90	0
4-Nitrophenol	0.262	0.279	-	-6.5	20	96	0
2,3,5,6-Tetrachlorophenol	0.424	0.42	-	0.9	20	93	0
2,3,4,6-Tetrachlorophenol	0.419	0.406	-	3.1	20	94	0
Diethyl phthalate	1.464	1.407	-	3.9	20	94	0
Fluorene	1.538	1.434	-	6.8	20	91	0
4-Chlorophenyl phenyl ethe	0.741	0.672	-	9.3	20	90	0
4-Nitroaniline	0.356	0.347	-	2.5	20	86	0
4,6-Dinitro-o-cresol	0.284	0.302	-	-6.3	20	101	0
NDPA/DPA	1.281	1.196	-	6.6	20	90	0
Azobenzene	1.319	1.498	-	-13.6	20	109	0
2,4,6-Tribromophenol	0.25	0.22	-	12	20	86	0
4-Bromophenyl phenyl ether	0.475	0.447	-	5.9	20	95	0
Hexachlorobenzene	0.563	0.484	-	14	20	88	0
Pentachlorophenol	50	40.16	-	19.7	20	87	0
IS1_Phenanthrene-d10	1	1	-	0	20	97	0
Phenanthrene	1.186	1.041	-	12.2	20	86	0
Anthracene	1.185	1.076	-	9.2	20	87	0
Carbazole	1.121	1.001	-	10.7	20	85	0
Di-n-butylphthalate	1.199	1.184	-	1.3	20	90	0
Fluoranthene	1.393	1.256	-	9.8	20	84	0
Benzidine	0.939	0.874	-	6.9	20	90	0
Pyrene	1.508	1.329	-	11.9	20	82	0
4-Terphenyl-d14	1.149	0.975	-	15.1	20	80	0
Butyl benzyl phthalate	0.62	0.564	-	9	20	88	0
IS1_Chrysene-d12	1	1	-	0	20	76	0
Benzo(a)anthracene	1.35	1.299	-	3.8	20	72	0
3,3'-Dichlorobenzidine	0.482	0.523	-	-8.5	20	75	0
Chrysene	1.24	1.193	-	3.8	20	74	0
Bis(2-ethylhexyl)phthalate	0.686	0.798	-	-16.3	20	84	0
Di-n-octylphthalate	1.138	1.401	-	-23.1*	20	87	0
Benzo(b)fluoranthene	1.307	1.327	-	-1.5	20	78	0
Benzo(k)fluoranthene	1.312	1.181	-	10	20	66	0
Benzo(a)pyrene	1.237	1.204	-	2.7	20	73	0
IS1_Perylene-d12	1	1	-	0	20	75	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		**Lab Number**	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E EXCAVATION	
Instrument ID	: GCMS5		**Calibration Date**	: 12/29/25 08:58	
Lab File ID	: ABN1229		**Init. Calib. Date(s)**	: 07/31/25	08/01/25
Sample No	: WG2159627-3		**Init. Calib. Times**	: 22:15	11:59
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.156	1.148	-	0.7	20	68	0
Dibenzo(a,h)anthracene	1.176	1.05	-	10.7	20	64	0
Benzo(ghi)perylene	1.122	1.052	-	6.2	20	67	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		**Lab Number**	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E EXCAVATION	
Instrument ID	: GCMS5		**Calibration Date**	: 12/29/25 09:24	
Lab File ID	: AP91229		**Init. Calib. Date(s)**	: 07/31/25	08/01/25
Sample No	: WG2159627-4		**Init. Calib. Times**	: 22:15	11:59
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	121	0
Benzaldehyde	50	65.535	-	-31.1*	20	168	0
Acetophenone	1.695	1.847	-	-9	20	133	0
m-Toluidine	1.478	1.946	-	-31.7*	20	161	0
2-Chloroaniline	1.573	1.641	-	-4.3	20	125	0
IS2_Naphthalene-d8	1	1	-	0	20	118	0
a-Terpineol	0.263	0.278	-	-5.7	20	123	0
3-Chloroaniline	0.131	0.156	-	-19.1	20	140	0
2,6-Dichlorophenol	0.295	0.317	-	-7.5	20	124	0
1-chloro-2-nitrobenzene	0.126	0.15	-	-19	20	135	0
Caprolactam	0.144	0.147	-	-2.1	20	113	0
1,2,4,5-Tetrachlorobenzene	0.39	0.395	-	-1.3	20	125	0
Biphenyl	0.886	0.875	-	1.2	20	120	0
IS2_Acenaphthene-d10	1	1	-	0	20	114	0
Dichloran	50	53.539	-	-7.1	20	137	0
Pentachloronitrobenzene	0.187	0.192	-	-2.7	20	114	0
IS2_Phenanthrene-d10	1	1	-	0	20	111	0
Diphenamid	0.482	0.533	-	-10.6	20	117	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		**Lab Number**	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E EXCAVATION	
Instrument ID	: GCMS5		**Calibration Date**	: 12/29/25 09:50	
Lab File ID	: ADP1229		**Init. Calib. Date(s)**	: 07/31/25	08/01/25
Sample No	: WG2159627-5		**Init. Calib. Times**	: 22:15	11:59
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	108	0
1,4-Dioxane	0.443	0.507	-	-14.4	20	128	0
n-Decane	1.275	1.09	-	14.5	20	94	0
IS3_Acenaphthene-d10	1	1	-	0	20	107	0
Atrazine	50	47.744	-	4.5	20	111	0
IS3_Phenanthrene-d10	1	1	-	0	20	107	0
n-Octadecane	0.375	0.355	-	5.3	20	96	0
Parathion	50	58.22	-	-16.4	20	133	0
3,3'-Dimethylbenzidine	0.984	0.94	-	4.5	20	104	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: MORK		Calibration Date	: 01/02/26 11:12	
Lab File ID	: ABN0102		Init. Calib. Date(s)	: 12/09/25	12/10/25
Sample No	: WG2161048-3		Init. Calib. Times	: 17:40	04:20
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	77	0
n-Nitrosodimethylamine	0.593	0.634	-	-6.9	20	81	0
Pyridine	1.05	1.183	-	-12.7	20	86	0
2-Fluorophenol	0.961	1.009	-	-5	20	80	0
Aniline	1.59	1.594	-	-0.3	20	75	0
2-Chlorophenol	1.15	1.237	-	-7.6	20	81	0
Phenol-d6	1.192	1.261	-	-5.8	20	78	0
Phenol	1.24	1.34	-	-8.1	20	80	0
Bis(2-chloroethyl)ether	0.91	0.88	-	3.3	20	76	0
1,3-Dichlorobenzene	1.442	1.423	-	1.3	20	76	0
1,4-Dichlorobenzene	1.443	1.478	-	-2.4	20	79	0
1,2-Dichlorobenzene	1.382	1.402	-	-1.4	20	79	0
Benzyl alcohol	0.863	1.018	-	-18	20	84	0
Bis(2-chloroisopropyl)ethe	1.173	0.921	-	21.5*	20	60	0
2-Methylphenol	0.945	1.033	-	-9.3	20	80	0
Hexachloroethane	0.528	0.543	-	-2.8	20	79	0
n-Nitrosodi-n-propylamine	0.735	0.776	-	-5.6	20	79	0
3-Methylphenol/4-Methylphe	1.001	1.113	-	-11.2	20	82	0
Nitrobenzene-d5	1.065	1.233	-	-15.8	20	86	0
Nitrobenzene	1.084	1.213	-	-11.9	20	85	0
Isophorone	1.943	2.136	-	-9.9	20	82	0
2-Nitrophenol	0.613	0.711	-	-16	20	85	0
2,4-Dimethylphenol	1.128	1.271	-	-12.7	20	84	0
Bis(2-chloroethoxy)methane	1.215	1.235	-	-1.6	20	77	0
2,4-Dichlorophenol	1.2	1.215	-	-1.3	20	73	0
1,2,4-Trichlorobenzene	1.459	1.331	-	8.8	20	69	0
IS1_Naphthalene-d8	1	1	-	0	20	84	0
Naphthalene	0.989	0.993	-	-0.4	20	86	0
Benzoic Acid	0.239	0.256	-	-7.1	20	86	0
4-Chloroaniline	0.106	0.112	-	-5.7	20	86	0
Hexachlorobutadiene	0.286	0.216	-	24.5*	20	65	0
p-Chloro-m-cresol	0.283	0.293	-	-3.5	20	85	0
2-Methylnaphthalene	0.668	0.643	-	3.7	20	80	0
1-Methylnaphthalene	0.244	0.244	-	0	20	85	0
Hexachlorocyclopentadiene	0.315	0.231	-	26.7*	20	56	0
2,4,6-Trichlorophenol	0.301	0.242	-	19.6	20	66	0
2,4,5-Trichlorophenol	0.331	0.283	-	14.5	20	70	0
2-Fluorobiphenyl	0.975	0.846	-	13.2	20	75	0
2-Chloronaphthalene	0.797	0.724	-	9.2	20	77	0
2-Nitroaniline	0.22	0.241	-	-9.5	20	88	0
1,4-Dinitrobenzene	0.102	0.101	-	1	20	76	0
1,3-Dinitrobenzene	0.118	0.117	-	0.8	20	79	0
Dimethyl phthalate	0.961	0.855	-	11	20	76	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: MORK		Calibration Date	: 01/02/26 11:12	
Lab File ID	: ABN0102		Init. Calib. Date(s)	: 12/09/25	12/10/25
Sample No	: WG2161048-3		Init. Calib. Times	: 17:40	04:20
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.254	1.221	-	2.6	20	82	0
2,6-Dinitrotoluene	0.196	0.184	-	6.1	20	78	0
1,2-Dinitrobenzene	0.073	0.07	-	4.1	20	79	0
IS1_Acenaphthene-d10	1	1	-	0	20	78	0
3-Nitroaniline	0.308	0.362	-	-17.5	20	90	0
Acenaphthene	1.109	1.075	-	3.1	20	79	0
2,4-Dinitrophenol	0.198	0.198	-	0	20	75	0
Dibenzofuran	1.868	1.803	-	3.5	20	78	0
2,4-Dinitrotoluene	0.428	0.456	-	-6.5	20	81	0
4-Nitrophenol	0.209	0.239	-	-14.4	20	84	0
2,3,5,6-Tetrachlorophenol	0.456	0.401	-	12.1	20	66	0
2,3,4,6-Tetrachlorophenol	0.452	0.412	-	8.8	20	70	0
Diethyl phthalate	1.483	1.524	-	-2.8	20	81	0
Fluorene	1.469	1.457	-	0.8	20	77	0
4-Chlorophenyl phenyl ethe	0.771	0.675	-	12.5	20	69	0
4-Nitroaniline	0.298	0.358	-	-20.1*	20	92	0
4,6-Dinitro-o-cresol	0.258	0.285	-	-10.5	20	77	0
NDPA/DPA	1.267	1.228	-	3.1	20	78	0
Azobenzene	1.1	1.231	-	-11.9	20	89	0
2,4,6-Tribromophenol	0.321	0.295	-	8.1	20	72	0
4-Bromophenyl phenyl ether	0.54	0.489	-	9.4	20	71	0
Hexachlorobenzene	0.664	0.639	-	3.8	20	76	0
Pentachlorophenol	0.364	0.356	-	2.2	20	69	0
IS1_Phenanthrene-d10	1	1	-	0	20	76	0
Phenanthrene	1.081	1.068	-	1.2	20	77	0
Anthracene	1.088	1.11	-	-2	20	79	0
Carbazole	1.001	1.022	-	-2.1	20	79	0
Di-n-butylphthalate	1.147	1.267	-	-10.5	20	82	0
Fluoranthene	1.353	1.282	-	5.2	20	71	0
Benzidine	0.92	0.908	-	1.3	20	72	0
Pyrene	1.414	1.389	-	1.8	20	75	0
4-Terphenyl-d14	1.096	1.04	-	5.1	20	71	0
Butyl benzyl phthalate	0.548	0.629	-	-14.8	20	83	0
IS1_Chrysene-d12	1	1	-	0	20	73	0
Benzo(a)anthracene	1.311	1.241	-	5.3	20	72	0
3,3'-Dichlorobenzidine	0.548	0.542	-	1.1	20	72	0
Chrysene	1.189	1.163	-	2.2	20	74	0
Bis(2-ethylhexyl)phthalate	0.675	0.796	-	-17.9	20	85	0
Di-n-octylphthalate	1.2	1.389	-	-15.8	20	82	0
Benzo(b)fluoranthene	1.426	1.506	-	-5.6	20	80	0
Benzo(k)fluoranthene	1.294	1.247	-	3.6	20	70	0
Benzo(a)pyrene	1.33	1.335	-	-0.4	20	75	0
IS1_Perylene-d12	1	1	-	0	20	79	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		**Lab Number**	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E EXCAVATION	
Instrument ID	: MORK		**Calibration Date**	: 01/02/26 11:12	
Lab File ID	: ABN0102		**Init. Calib. Date(s)**	: 12/09/25	12/10/25
Sample No	: WG2161048-3		**Init. Calib. Times**	: 17:40	04:20
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.22	1.2	-	1.6	20	78	0
Dibenzo(a,h)anthracene	1.166	1.175	-	-0.8	20	77	0
Benzo(ghi)perylene	1.164	1.14	-	2.1	20	77	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		**Lab Number**	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E EXCAVATION	
Instrument ID	: MORK		**Calibration Date**	: 01/02/26 11:32	
Lab File ID	: AP90102		**Init. Calib. Date(s)**	: 12/09/25	12/10/25
Sample No	: WG2161048-4		**Init. Calib. Times**	: 17:40	04:20
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	70	0
Benzaldehyde	0.84	0.958	-	-14	20	77	0
Acetophenone	1.419	1.634	-	-15.2	20	79	0
m-Toluidine	1.384	1.664	-	-20.2*	20	82	0
2-Chloroaniline	1.343	1.566	-	-16.6	20	80	0
IS2_Naphthalene-d8	1	1	-	0	20	79	0
a-Terpineol	0.206	0.202	-	1.9	20	73	0
3-Chloroaniline	0.117	0.132	-	-12.8	20	85	0
2,6-Dichlorophenol	0.336	0.333	-	0.9	20	74	0
1-chloro-2-nitrobenzene	0.128	0.146	-	-14.1	20	86	0
Caprolactam	0.109	0.103	-	5.5	20	71	0
1,2,4,5-Tetrachlorobenzene	0.476	0.404	-	15.1	20	64	0
Biphenyl	0.919	0.884	-	3.8	20	74	0
IS2_Acenaphthene-d10	1	1	-	0	20	72	0
Dichloran	0.215	0.231	-	-7.4	20	70	0
Pentachloronitrobenzene	0.239	0.227	-	5	20	65	0
IS2_Phenanthrene-d10	1	1	-	0	20	69	0
Diphenamid	0.495	0.524	-	-5.9	20	73	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		**Lab Number**	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E EXCAVATION	
Instrument ID	: MORK		**Calibration Date**	: 01/02/26 11:52	
Lab File ID	: ADP0102		**Init. Calib. Date(s)**	: 12/09/25	12/10/25
Sample No	: WG2161048-5		**Init. Calib. Times**	: 17:40	04:20
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	75	0
1,4-Dioxane	0.399	0.396	-	0.8	20	80	0
n-Decane	0.806	0.715	-	11.3	20	68	0
IS3_Acenaphthene-d10	1	1	-	0	20	77	0
Atrazine	0.457	0.439	-	3.9	20	75	0
IS3_Phenanthrene-d10	1	1	-	0	20	77	0
n-Octadecane	0.247	0.256	-	-3.6	20	85	0
Parathion	0.097	0.141	-	-45.4*	20	105	0
3,3'-Dimethylbenzidine	0.882	0.864	-	2	20	73	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: SV103		Calibration Date	: 01/03/26 07:34	
Lab File ID	: ABN0103		Init. Calib. Date(s)	: 11/17/25	11/18/25
Sample No	: WG2161293-3		Init. Calib. Times	: 01:56	22:59
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	105	0
n-Nitrosodimethylamine	0.761	0.865	-	-13.7	20	116	0
Pyridine	1.303	1.47	-	-12.8	20	116	0
2-Fluorophenol	1.148	1.185	-	-3.2	20	105	0
Aniline	1.971	2.055	-	-4.3	20	108	0
2-Chlorophenol	1.28	1.343	-	-4.9	20	108	0
Phenol-d6	1.41	1.533	-	-8.7	20	111	0
Phenol	1.673	1.696	-	-1.4	20	104	0
Bis(2-chloroethyl)ether	1.218	1.243	-	-2.1	20	108	0
1,3-Dichlorobenzene	1.566	1.501	-	4.2	20	101	0
1,4-Dichlorobenzene	1.568	1.52	-	3.1	20	102	0
1,2-Dichlorobenzene	1.489	1.455	-	2.3	20	103	0
Benzyl alcohol	0.988	1.174	-	-18.8	20	118	0
Bis(2-chloroisopropyl)ethe	1.699	2.399	-	-41.2*	20	149	0
2-Methylphenol	1.121	1.199	-	-7	20	110	0
Hexachloroethane	0.555	0.593	-	-6.8	20	112	0
n-Nitrosodi-n-propylamine	0.876	1.036	-	-18.3	20	120	0
3-Methylphenol/4-Methylphe	1.191	1.266	-	-6.3	20	108	0
Nitrobenzene-d5	1.178	1.42	-	-20.5*	20	120	0
Nitrobenzene	1.235	1.441	-	-16.7	20	115	0
Isophorone	2.381	2.73	-	-14.7	20	117	0
2-Nitrophenol	0.561	0.734	-	-30.8*	20	126	0
2,4-Dimethylphenol	1.259	1.378	-	-9.5	20	111	0
Bis(2-chloroethoxy)methane	1.558	1.657	-	-6.4	20	111	0
2,4-Dichlorophenol	1.144	1.219	-	-6.6	20	106	0
1,2,4-Trichlorobenzene	1.352	1.323	-	2.1	20	104	0
IS1_Naphthalene-d8	1	1	-	0	20	107	0
Naphthalene	1.041	0.992	-	4.7	20	104	0
Benzoic Acid	0.233	0.294	-	-26.2*	20	134	0
4-Chloroaniline	0.128	0.146	-	-14.1	20	120	0
Hexachlorobutadiene	0.226	0.207	-	8.4	20	101	0
p-Chloro-m-cresol	0.287	0.319	-	-11.1	20	112	0
2-Methylnaphthalene	0.652	0.638	-	2.1	20	105	0
1-Methylnaphthalene	0.231	0.239	-	-3.5	20	111	0
Hexachlorocyclopentadiene	0.227	0.218	-	4	20	96	0
2,4,6-Trichlorophenol	0.22	0.239	-	-8.6	20	107	0
2,4,5-Trichlorophenol	0.242	0.258	-	-6.6	20	106	0
2-Fluorobiphenyl	0.834	0.794	-	4.8	20	103	0
2-Chloronaphthalene	0.714	0.695	-	2.7	20	106	0
2-Nitroaniline	0.196	0.232	-	-18.4	20	116	0
1,4-Dinitrobenzene	0.093	0.113	-	-21.5*	20	122	0
1,3-Dinitrobenzene	0.107	0.119	-	-11.2	20	110	0
Dimethyl phthalate	0.836	0.815	-	2.5	20	102	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: SV103		Calibration Date	: 01/03/26 07:34	
Lab File ID	: ABN0103		Init. Calib. Date(s)	: 11/17/25	11/18/25
Sample No	: WG2161293-3		Init. Calib. Times	: 01:56	22:59
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.113	1.098	-	1.3	20	105	0
2,6-Dinitrotoluene	0.15	0.176	-	-17.3	20	109	0
1,2-Dinitrobenzene	0.064	0.076	-	-18.7	20	109	0
IS1_Acenaphthene-d10	1	1	-	0	20	106	0
3-Nitroaniline	0.319	0.358	-	-12.2	20	109	0
Acenaphthene	1.119	1.055	-	5.7	20	102	0
2,4-Dinitrophenol	50	66.309	-	-32.6*	20	153	0
Dibenzofuran	1.831	1.743	-	4.8	20	103	0
2,4-Dinitrotoluene	0.365	0.438	-	-20	20	112	0
4-Nitrophenol	0.225	0.262	-	-16.4	20	114	0
2,3,5,6-Tetrachlorophenol	0.347	0.352	-	-1.4	20	99	0
2,3,4,6-Tetrachlorophenol	0.35	0.363	-	-3.7	20	100	0
Diethyl phthalate	1.436	1.484	-	-3.3	20	107	0
Fluorene	1.429	1.384	-	3.1	20	103	0
4-Chlorophenyl phenyl ethe	0.726	0.665	-	8.4	20	98	0
4-Nitroaniline	0.298	0.337	-	-13.1	20	106	0
4,6-Dinitro-o-cresol	0.186	0.263	-	-41.4*	20	140	0
NDPA/DPA	1.217	1.155	-	5.1	20	101	0
Azobenzene	1.281	1.386	-	-8.2	20	113	0
2,4,6-Tribromophenol	0.201	0.223	-	-10.9	20	105	0
4-Bromophenyl phenyl ether	0.461	0.436	-	5.4	20	101	0
Hexachlorobenzene	0.534	0.505	-	5.4	20	103	0
Pentachlorophenol	50	42.62	-	14.8	20	93	0
IS1_Phenanthrene-d10	1	1	-	0	20	104	0
Phenanthrene	1.116	1.029	-	7.8	20	99	0
Anthracene	1.107	1.056	-	4.6	20	100	0
Carbazole	1.004	0.992	-	1.2	20	102	0
Di-n-butylphthalate	1.135	1.318	-	-16.1	20	109	0
Fluoranthene	1.251	1.198	-	4.2	20	96	0
Benzidine	0.813	0.841	-	-3.4	20	96	0
Pyrene	1.32	1.2	-	9.1	20	93	0
4-Terphenyl-d14	0.998	0.918	-	8	20	93	0
Butyl benzyl phthalate	0.503	0.597	-	-18.7	20	111	0
IS1_Chrysene-d12	1	1	-	0	20	93	0
Benzo(a)anthracene	1.324	1.31	-	1.1	20	93	0
3,3'-Dichlorobenzidine	0.494	0.523	-	-5.9	20	90	0
Chrysene	1.246	1.143	-	8.3	20	88	0
Bis(2-ethylhexyl)phthalate	0.713	0.919	-	-28.9*	20	106	0
Di-n-octylphthalate	50	55.695	-	-11.4	20	108	0
Benzo(b)fluoranthene	1.288	1.303	-	-1.2	20	94	0
Benzo(k)fluoranthene	1.257	1.213	-	3.5	20	87	0
Benzo(a)pyrene	1.194	1.218	-	-2	20	91	0
IS1_Perylene-d12	1	1	-	0	20	92	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		**Lab Number**	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E EXCAVATION	
Instrument ID	: SV103		**Calibration Date**	: 01/03/26 07:34	
Lab File ID	: ABN0103		**Init. Calib. Date(s)**	: 11/17/25	11/18/25
Sample No	: WG2161293-3		**Init. Calib. Times**	: 01:56	22:59
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.073	1.146	-	-6.8	20	92	0
Dibenzo(a,h)anthracene	1.079	1.107	-	-2.6	20	90	0
Benzo(ghi)perylene	1.066	1.095	-	-2.7	20	91	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		**Lab Number**	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E EXCAVATION	
Instrument ID	: SV103		**Calibration Date**	: 01/03/26 07:55	
Lab File ID	: AP90103		**Init. Calib. Date(s)**	: 11/17/25	11/18/25
Sample No	: WG2161293-4		**Init. Calib. Times**	: 01:56	22:59
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	94	0
Benzaldehyde	1.026	1.123	-	-9.5	20	99	0
Acetophenone	1.765	1.974	-	-11.8	20	100	0
m-Toluidine	1.734	1.937	-	-11.7	20	99	0
2-Chloroaniline	1.568	1.714	-	-9.3	20	98	0
IS2_Naphthalene-d8	1	1	-	0	20	96	0
a-Terpineol	0.27	0.361	-	-33.7*	20	120	0
3-Chloroaniline	0.139	0.165	-	-18.7	20	109	0
2,6-Dichlorophenol	0.267	0.311	-	-16.5	20	103	0
1-chloro-2-nitrobenzene	0.11	0.147	-	-33.6*	20	114	0
Caprolactam	0.139	0.206	-	-48.2*	20	126	0
1,2,4,5-Tetrachlorobenzene	0.377	0.356	-	5.6	20	90	0
Biphenyl	0.855	0.851	-	0.5	20	94	0
IS2_Acenaphthene-d10	1	1	-	0	20	96	0
Dichloran	50	62.454	-	-24.9*	20	133	0
Pentachloronitrobenzene	0.159	0.209	-	-31.4*	20	117	0
IS2_Phenanthrene-d10	1	1	-	0	20	95	0
Diphenamid	0.466	0.534	-	-14.6	20	101	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		**Lab Number**	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E EXCAVATION	
Instrument ID	: SV103		**Calibration Date**	: 01/03/26 08:16	
Lab File ID	: ADP0103		**Init. Calib. Date(s)**	: 11/17/25	11/18/25
Sample No	: WG2161293-5		**Init. Calib. Times**	: 01:56	22:59
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	90	0
1,4-Dioxane	0.473	0.516	-	-9.1	20	101	0
n-Decane	1.372	1.713	-	-24.9*	20	113	0
IS3_Acenaphthene-d10	1	1	-	0	20	88	0
Atrazine	0.369	0.422	-	-14.4	20	91	0
IS3_Phenanthrene-d10	1	1	-	0	20	86	0
n-Octadecane	0.399	0.552	-	-38.3*	20	114	0
Parathion	50	75.457	-	-50.9*	20	153	0
3,3'-Dimethylbenzidine	0.738	0.85	-	-15.2	20	89	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : I:\8270\Juliet\251227\
Data File : ABN1227.D
Acq On : 27 Dec 2025 7:40 am
Operator : Juliet:jg
Sample : WG2159109-3,32,,ABN 12168 gmr1209C
Misc : WG2159109,,ical22379
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Dec 27 08:42:20 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:42:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	IS1_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
2	t	n-Nitrosodimethylamine	0.546	0.613	-12.3	104	0.00
3	t	Pyridine	0.975	1.075	-10.3	106	0.00
4	S	2-Fluorophenol	0.985	0.987	-0.2	94	0.00
5	T	Aniline	1.622	1.714	-5.7	102	0.00
6	t	2-Chlorophenol	1.264	1.267	-0.2	97	0.00
7	S	Phenol-d6	1.265	1.282	-1.3	99	0.00
8	T	Phenol	1.411	1.283	9.1	88	0.00
9	T	Bis(2-chloroethyl)ether	0.911	0.968	-6.3	103	0.00
10	T	1,3-Dichlorobenzene	1.548	1.440	7.0	94	0.00
11	T	1,4-Dichlorobenzene	1.574	1.475	6.3	93	0.00
12	T	1,2-Dichlorobenzene	1.517	1.442	4.9	95	0.00
13	t	Benzyl alcohol	0.892	0.922	-3.4	96	0.00
14	T	Bis(2-chloroisopropyl)ether	1.331	1.644	-23.5#	121	0.00
15	T	2-Methylphenol	1.052	1.058	-0.6	96	0.00
16	T	Hexachloroethane	0.495	0.518	-4.6	102	0.00
17	T	n-Nitrosodi-n-propylamine	0.777	0.851	-9.5	108	0.00
18	T	3-Methylphenol/4-Methylphen	1.120	1.124	-0.4	96	0.00
19	S	Nitrobenzene-d5	1.104	1.220	-10.5	103	0.00
20	T	Nitrobenzene	1.089	1.227	-12.7	108	0.00
21	T	Isophorone	2.147	2.363	-10.1	110	0.00
22	T	2-Nitrophenol	0.624	0.764	-22.4#	111	0.00
23	T	2,4-Dimethylphenol	1.254	1.242	1.0	95	0.00
24	T	Bis(2-chloroethoxy)methane	1.330	1.420	-6.8	105	0.00
25	T	2,4-Dichlorophenol	1.424	1.357	4.7	92	0.00
26	T	1,2,4-Trichlorobenzene	1.727	1.525	11.7	88	0.00
35	I	IS1_Naphthalene-d8	1.000	1.000	0.0	102	0.00
36	T	Naphthalene	1.063	0.959	9.8	97	0.00
37	T	Benzoic Acid	* 50.000	54.367	-8.7	111	0.00
38	T	4-Chloroaniline	0.108	0.106	1.9	100	0.00
39	T	Hexachlorobutadiene	0.298	0.217	27.2#	81	0.00
40	T	p-Chloro-m-cresol	0.294	0.273	7.1	96	0.00
41	T	2-Methylnaphthalene	0.719	0.643	10.6	98	0.00
42	T	1-Methylnaphthalene	0.227	0.198	12.8	92	0.00
43	T	Hexachlorocyclopentadiene	0.323	0.184	43.0#	57	0.00
44	T	2,4,6-Trichlorophenol	0.342	0.280	18.1	83	0.00
45	T	2,4,5-Trichlorophenol	0.371	0.305	17.8	92	0.00
46	S	2-Fluorobiphenyl	1.105	0.901	18.5	87	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\Juliet\251227\
Data File : ABN1227.D
Acq On : 27 Dec 2025 7:40 am
Operator : Juliet:jg
Sample : WG2159109-3,32,,ABN 12168 gmr1209C
Misc : WG2159109,,ical22379
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Dec 27 08:42:20 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:42:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47	T	2-Chloronaphthalene	0.883	0.758	14.2	94	0.00
48	T	2-Nitroaniline	0.223	0.246	-10.3	106	0.00
49	T	1,4-Dinitrobenzene	0.104	0.118	-13.5	105	0.00
50	T	1,3-Dinitrobenzene	0.124	0.134	-8.1	101	0.00
51	T	Dimethyl phthalate	1.098	0.948	13.7	94	0.00
52	T	Acenaphthylene	1.459	1.257	13.8	91	0.00
53	T	2,6-Dinitrotoluene	0.200	0.201	-0.5	98	0.00
54	T	1,2-Dinitrobenzene	0.080	0.080	0.0	95	0.00
63	I	IS1_Acenaphthene-d10	1.000	1.000	0.0	94	0.00
64	T	3-Nitroaniline	0.302	0.339	-12.3	103	0.00
65	T	Acenaphthene	1.179	1.046	11.3	88	0.00
66	T	2,4-Dinitrophenol	* 50.000	65.337	-30.7#	134	0.00
67	T	Dibenzofuran	1.987	1.766	11.1	91	0.00
68	T	2,4-Dinitrotoluene	0.393	0.444	-13.0	100	0.00
69	T	4-Nitrophenol	0.189	0.207	-9.5	103	0.00
70	T	2,3,5,6-Tetrachlorophenol	0.472	0.424	10.2	87	0.00
71	T	2,3,4,6-Tetrachlorophenol	0.484	0.415	14.3	84	0.00
72	T	Diethyl phthalate	1.464	1.425	2.7	100	0.00
73	T	Fluorene	1.571	1.443	8.1	93	0.00
74	T	4-Chlorophenyl phenyl ether	0.853	0.695	18.5	82	0.00
75	T	4-Nitroaniline	0.317	0.332	-4.7	97	0.00
76	T	4,6-Dinitro-o-cresol	* 50.000	65.776	-31.6#	131	0.00
77	T	NDPA/DPA	1.356	1.154	14.9	87	0.00
78	T	Azobenzene	1.000	1.045	-4.5	102	0.00
79	S	2,4,6-Tribromophenol	0.254	0.230	9.4	90	0.00
80	T	4-Bromophenyl phenyl ether	0.539	0.439	18.6	86	0.00
81	T	Hexachlorobenzene	0.597	0.516	13.6	92	0.00
82	T	Pentachlorophenol	0.354	0.331	6.5	84	0.00
88	I	IS1_Phenanthrene-d10	1.000	1.000	0.0	95	0.00
89	T	Phenanthrene	1.151	1.011	12.2	90	0.00
90	T	Anthracene	1.169	1.054	9.8	92	0.00
91	T	Carbazole	1.100	0.975	11.4	93	0.00
92	T	Di-n-butylphthalate	1.153	1.200	-4.1	104	0.00
93	T	Fluoranthene	1.561	1.375	11.9	90	0.00
94	T	Benzidine	0.982	0.941	4.2	96	0.00
95	T	Pyrene	1.633	1.418	13.2	88	0.00
96	S	4-Terphenyl-d14	1.213	0.984	18.9	83	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\Juliet\251227\
Data File : ABN1227.D
Acq On : 27 Dec 2025 7:40 am
Operator : Juliet:jg
Sample : WG2159109-3,32,,ABN 12168 gmr1209C
Misc : WG2159109,,ical22379
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Dec 27 08:42:20 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:42:50 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
97	T	Butyl benzyl phthalate	0.523	0.571	-9.2	102	0.00
104	I	IS1_Chrysene-d12	1.000	1.000	0.0	92	0.00
105	T	Benzo(a)anthracene	1.536	1.302	15.2	83	0.00
106	T	3,3'-Dichlorobenzidine	0.566	0.527	6.9	88	0.00
107	T	Chrysene	1.370	1.204	12.1	87	0.00
108	T	Bis(2-ethylhexyl)phthalate	0.661	0.769	-16.3	103	0.00
109	T	Di-n-octylphthalate	1.154	1.426	-23.6#	106	0.00
110	T	Benzo(b)fluoranthene	1.488	1.390	6.6	90	0.00
111	T	Benzo(k)fluoranthene	1.444	1.177	18.5	80	0.00
112	T	Benzo(a)pyrene	1.396	1.264	9.5	86	0.00
113	I	IS1_Perylene-d12	1.000	1.000	0.0	90	0.00
114	T	Indeno(1,2,3-cd)pyrene	1.283	1.194	6.9	87	0.00
115	T	Dibenzo(a,h)anthracene	1.220	1.136	6.9	87	0.00
116	T	Benzo(ghi)perylene	1.239	1.125	9.2	85	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\251227\
Data File : ABN1227.D
Acq On : 27 Dec 2025 7:40 am
Operator : Juliet:jg
Sample : WG2159109-3,32,,ABN 12168 gmr1209C
Misc : WG2159109,,ical22379
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Dec 27 08:42:20 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:42:50 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.340	152	91175	40.000	ug/ml	0.00
35) IS1_Naphthalene-d8	4.428	136	376049	40.000	ug/ml	0.00
63) IS1_Acenaphthene-d10	5.939	164	243935	40.000	ug/ml	0.00
88) IS1_Phenanthrene-d10	7.204	188	544648	40.000	ug/ml	0.00
104) IS1_Chrysene-d12	9.604	240	609694	40.000	ug/ml	0.00
113) IS1_Perylene-d12	11.498	264	666562	40.000	ug/ml	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	2.251	112	112502	50.085	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 100.17%			
7) Phenol-d6	3.081	99	146106	50.689	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 101.38%			
19) Nitrobenzene-d5	3.822	82	139081	55.273	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 221.09%#			
46) 2-Fluorobiphenyl	5.386	172	423324	40.744	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 162.98%#			
79) 2,4,6-Tribromophenol	6.622	330	70111	45.321	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 90.64%			
96) 4-Terphenyl-d14	8.604	244	669708	40.564	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 162.26%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.228	74	69848	56.078	ug/ml#	79
3) Pyridine	1.246	79	122481	55.114	ug/ml	95
5) Aniline	3.063	93	195336	52.843	ug/ml#	69
6) 2-Chlorophenol	3.163	128	144352	50.099	ug/ml	99
8) Phenol	3.093	94	146237	45.475	ug/ml#	67
9) Bis(2-chloroethyl)ether	3.140	93	110337	53.128	ug/ml	94
10) 1,3-Dichlorobenzene	3.287	146	164132	46.522	ug/ml	96
11) 1,4-Dichlorobenzene	3.351	146	168087	46.861	ug/ml	96
12) 1,2-Dichlorobenzene	3.481	146	164343	47.525	ug/ml	96
13) Benzyl alcohol	3.487	79	105051	51.680	ug/ml	95
14) Bis(2-chloroisopropyl)...	3.604	45	187344	61.768	ug/ml	98
15) 2-Methylphenol	3.610	108	120572	50.292	ug/ml	99
16) Hexachloroethane	3.763	117	59071	52.402	ug/ml#	68
17) n-Nitrosodi-n-propylamine	3.722	70	96995	54.756	ug/ml	97
18) 3-Methylphenol/4-Methy...	3.751	108	128128	50.174	ug/ml	97
20) Nitrobenzene	3.840	77	139848	56.325	ug/ml	99
21) Isophorone	4.051	82	269289	55.032	ug/ml	99
22) 2-Nitrophenol	4.116	139	87082	61.203	ug/ml	98

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\251227\
Data File : ABN1227.D
Acq On : 27 Dec 2025 7:40 am
Operator : Juliet:jg
Sample : WG2159109-3,32,,ABN 12168 gmr1209C
Misc : WG2159109,,ical22379
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Dec 27 08:42:20 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:42:50 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) 2,4-Dimethylphenol	4.198	107	141521	49.495	ug/ml	99
24) Bis(2-chloroethoxy)met...	4.269	93	161781	53.377	ug/ml#	96
25) 2,4-Dichlorophenol	4.334	162	154685	47.644	ug/ml#	95
26) 1,2,4-Trichlorobenzene	4.392	180	173808	44.147	ug/ml	97
36) Naphthalene	4.445	128	450792	45.096	ug/ml	98
37) Benzoic Acid	4.334	105	111208	54.367	ug/ml	96
38) 4-Chloroaniline	4.522	65	49733	49.033	ug/ml	92
39) Hexachlorobutadiene	4.581	225	102060	36.401	ug/ml	99
40) p-Chloro-m-cresol	4.981	107	128509	46.439	ug/ml	92
41) 2-Methylnaphthalene	5.051	142	302312	44.701	ug/ml	98
42) 1-Methylnaphthalene	5.134	115	93210	43.694	ug/ml	93
43) Hexachlorocyclopentadiene	5.198	237	86514	28.502	ug/ml	99
44) 2,4,6-Trichlorophenol	5.316	196	131631	40.929	ug/ml	100
45) 2,4,5-Trichlorophenol	5.345	196	143516	41.113	ug/ml	100
47) 2-Chloronaphthalene	5.463	162	356436	42.941	ug/ml	92
48) 2-Nitroaniline	5.575	138	115656	55.095	ug/ml	95
49) 1,4-Dinitrobenzene	5.710	168	55612	56.926	ug/ml	90
50) 1,3-Dinitrobenzene	5.775	168	63095	54.219	ug/ml	91
51) Dimethyl phthalate	5.757	163	445715	43.195	ug/ml	99
52) Acenaphthylene	5.810	152	591093	43.096	ug/ml	98
53) 2,6-Dinitrotoluene	5.798	165	94619	50.247	ug/ml#	81
54) 1,2-Dinitrobenzene	5.834	168	37622	49.918	ug/ml#	20
64) 3-Nitroaniline	5.934	138	103360	56.136	ug/ml	93
65) Acenaphthene	5.969	154	318957	44.369	ug/ml	97
66) 2,4-Dinitrophenol	6.034	184	61903	65.337	ug/ml#	87
67) Dibenzofuran	6.116	168	538573	44.439	ug/ml#	84
68) 2,4-Dinitrotoluene	6.145	165	135319	56.423	ug/ml#	67
69) 4-Nitrophenol	6.128	65	63069	54.635	ug/ml	84
70) 2,3,5,6-Tetrachlorophenol	6.210	232	129239	44.936	ug/ml	100
71) 2,3,4,6-Tetrachlorophenol	6.245	232	126563	42.843	ug/ml	99
72) Diethyl phthalate	6.369	149	434652	48.680	ug/ml	99
73) Fluorene	6.410	166	439949	45.921	ug/ml	100
74) 4-Chlorophenyl phenyl ...	6.433	204	212062	40.749	ug/ml#	87
75) 4-Nitroaniline	6.457	138	101378	52.457	ug/ml	96
76) 4,6-Dinitro-o-cresol	6.498	198	91205	65.776	ug/ml#	84
77) NDPA/DPA	6.539	169	351876	42.542	ug/ml	97
78) Azobenzene	6.563	77	318716M6	52.241	ug/ml	
80) 4-Bromophenyl phenyl e...	6.845	248	133714	40.716	ug/ml#	93
81) Hexachlorobenzene	6.892	284	157196	43.149	ug/ml	96
82) Pentachlorophenol	7.069	266	101046	46.757	ug/ml	99
89) Phenanthrene	7.228	178	688566	43.940	ug/ml	97

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\251227\
Data File : ABN1227.D
Acq On : 27 Dec 2025 7:40 am
Operator : Juliet:jg
Sample : WG2159109-3,32,,ABN 12168 gmr1209C
Misc : WG2159109,,ical22379
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Dec 27 08:42:20 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:42:50 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90)	Anthracene	7.269	178	717806	45.098	ug/ml	98
91)	Carbazole	7.428	167	663772	44.315	ug/ml	98
92)	Di-n-butylphthalate	7.780	149	817227	52.056	ug/ml	98
93)	Fluoranthene	8.245	202	936224	44.037	ug/ml#	93
94)	Benzidine	8.392	184	640402	47.875	ug/ml#	97
95)	Pyrene	8.427	202	965135	43.394	ug/ml	97
97)	Butyl benzyl phthalate	9.086	149	388769	54.626	ug/ml	91
105)	Benzo(a)anthracene	9.592	228	992160	42.375	ug/ml	99
106)	3,3'-Dichlorobenzidine	9.604	252	401686	46.583	ug/ml	98
107)	Chrysene	9.633	228	917717	43.948	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	9.763	149	586166	58.179	ug/ml	98
109)	Di-n-octylphthalate	10.633	149	1086699	61.793	ug/ml	98
110)	Benzo(b)fluoranthene	10.963	252	1059255	46.700	ug/ml	97
111)	Benzo(k)fluoranthene	11.004	252	896747	40.757	ug/ml	94
112)	Benzo(a)pyrene	11.410	252	963248	45.280	ug/ml	96
114)	Indeno(1,2,3-cd)pyrene	13.080	276	994623	46.531	ug/mL	96
115)	Dibenzo(a,h)anthracene	13.133	278	946562	46.576	ug/ml	96
116)	Benzo(ghi)perylene	13.457	276	937203	45.388	ug/ml	97

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\251227\
Data File : ABN1227.D
Acq On : 27 Dec 2025 7:40 am
Operator : Juliet:jg
Sample : WG2159109-3,32,,ABN 12168 gmr1209C
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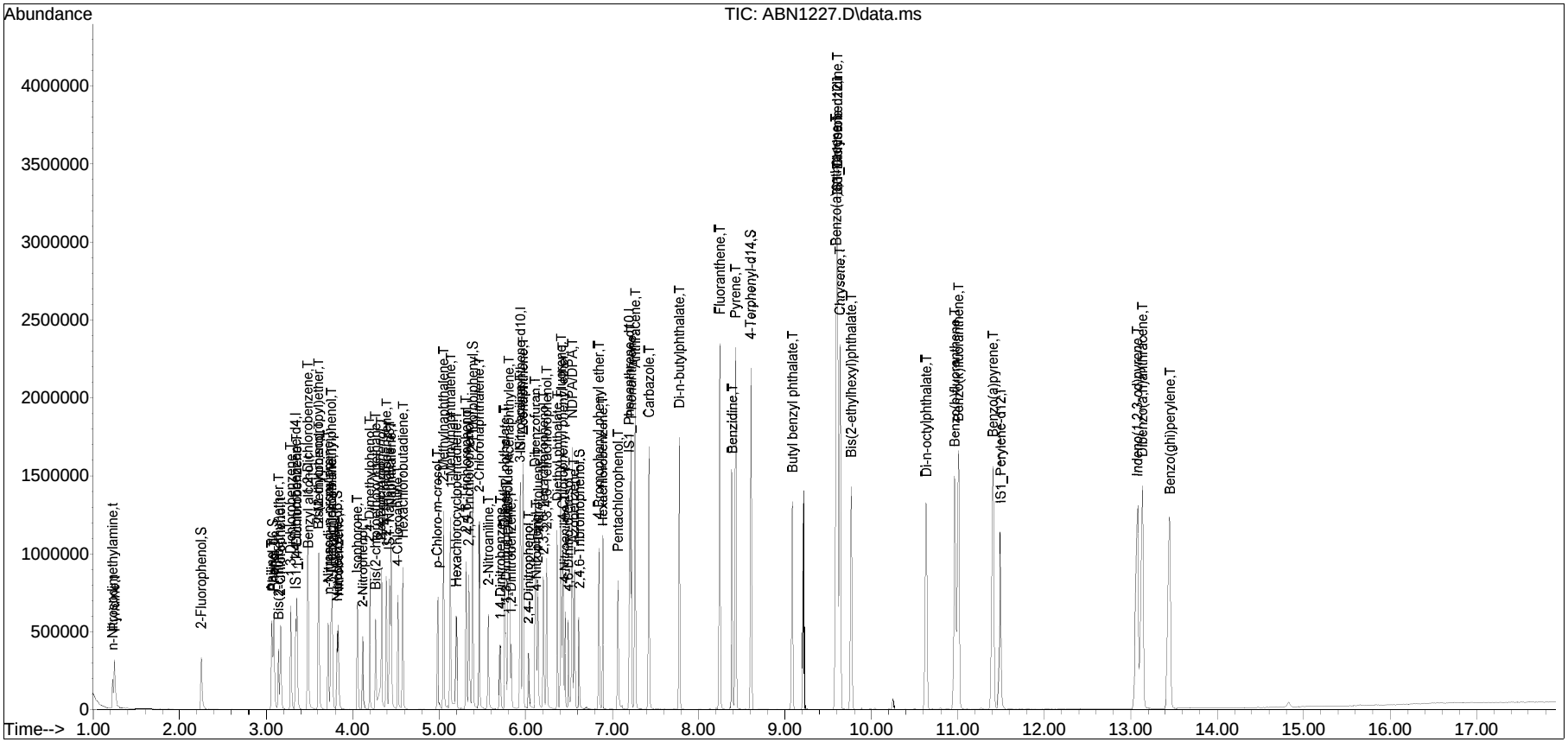
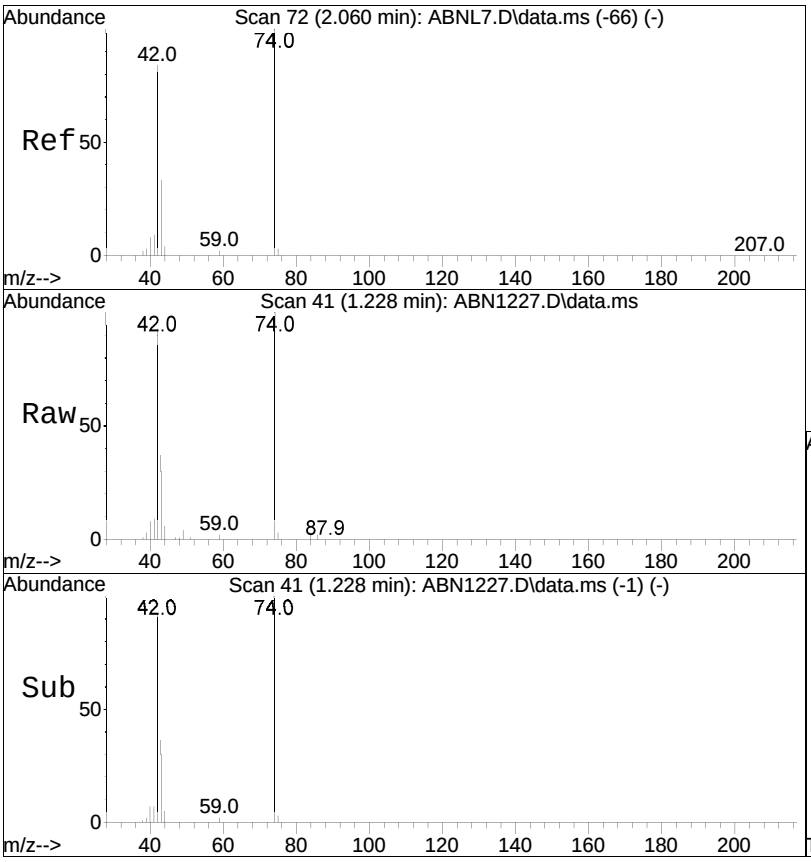
Sub List : ABNical - ABN ical sublist

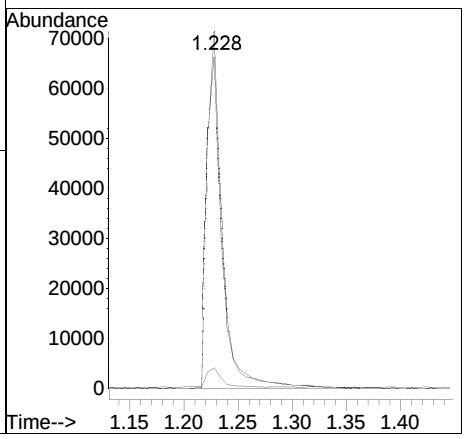


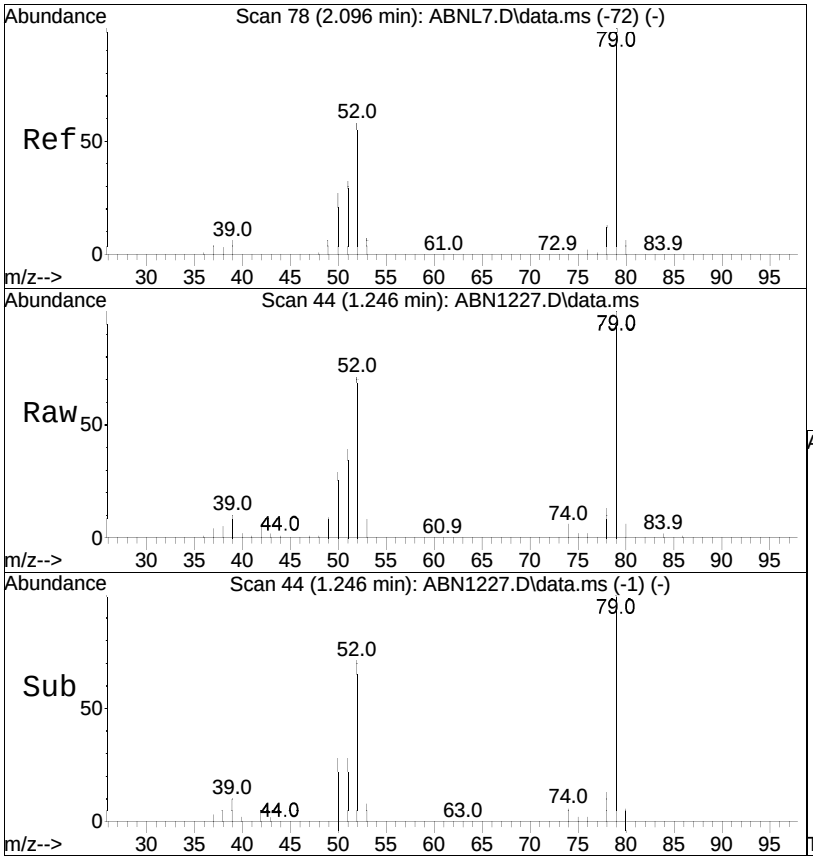


#2
n-Nitrosodimethylamine
Concen: 56.08 ug/ml
RT: 1.228 min Scan# 41
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion: 74 Resp: 69848

Ion	Ratio	Lower	Upper
74	100		
42	94.6	60.1	90.1#
44	5.5	4.6	6.8

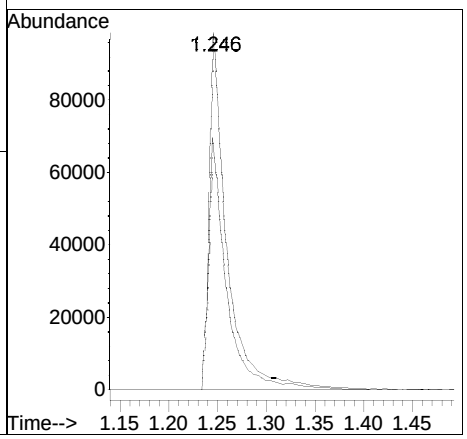


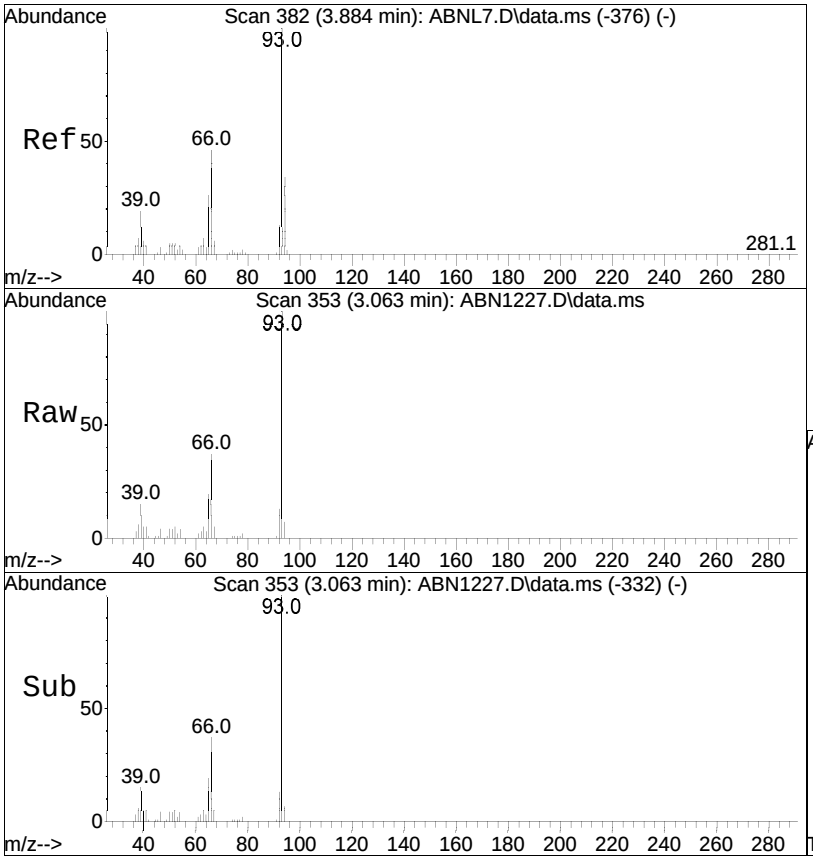


#3
Pyridine
Concen: 55.11 ug/ml
RT: 1.246 min Scan# 44
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion: 79 Resp: 122481

Ion	Ratio	Lower	Upper
79	100		
52	71.9	60.9	91.3

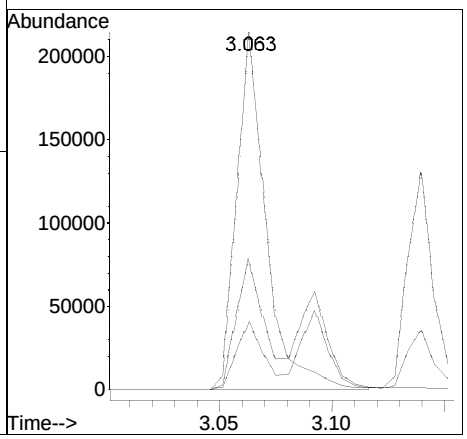


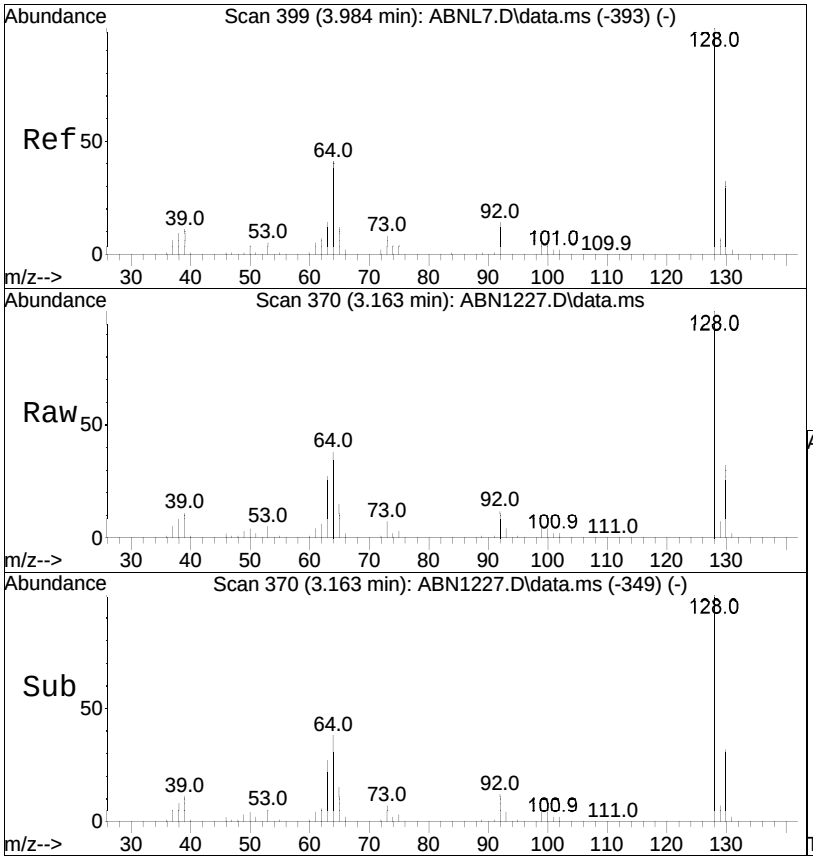


#5
Aniline
Concen: 52.84 ug/ml
RT: 3.063 min Scan# 353
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion: 93 Resp: 195336

Ion	Ratio	Lower	Upper
93	100		
66	33.9	51.5	77.3#
65	17.5	16.6	24.8

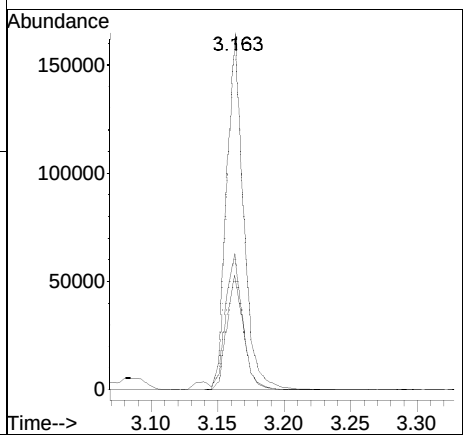


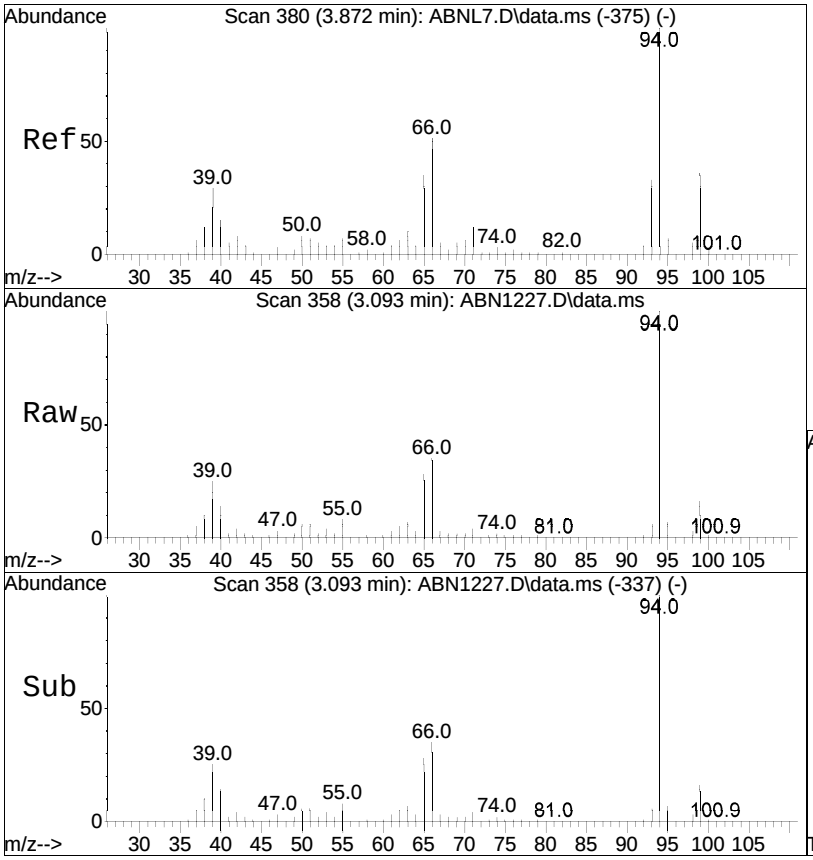


#6
2-Chlorophenol
Concen: 50.10 ug/ml
RT: 3.163 min Scan# 370
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:128 Resp: 144352

Ion	Ratio	Lower	Upper
128	100		
64	41.1	33.4	50.0
130	32.3	26.2	39.2

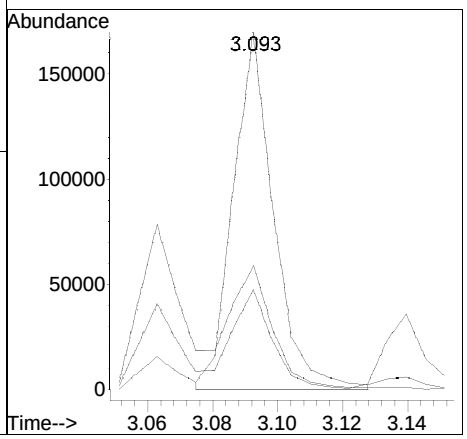


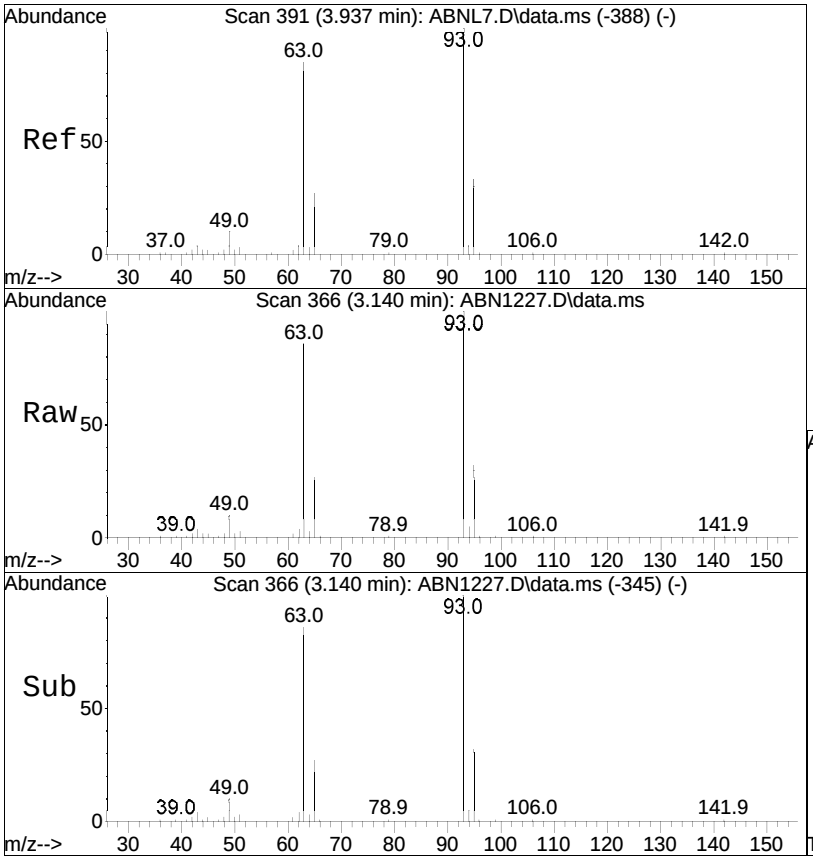


#8
Phenol
Concen: 45.48 ug/ml
RT: 3.093 min Scan# 358
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion: 94 Resp: 146237

Ion	Ratio	Lower	Upper
94	100		
65	29.1	19.4	29.0#
66	40.6	60.4	90.6#

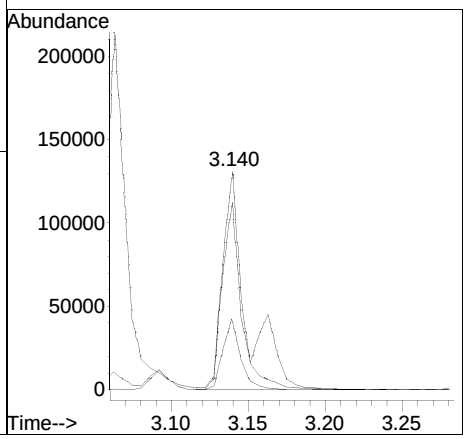


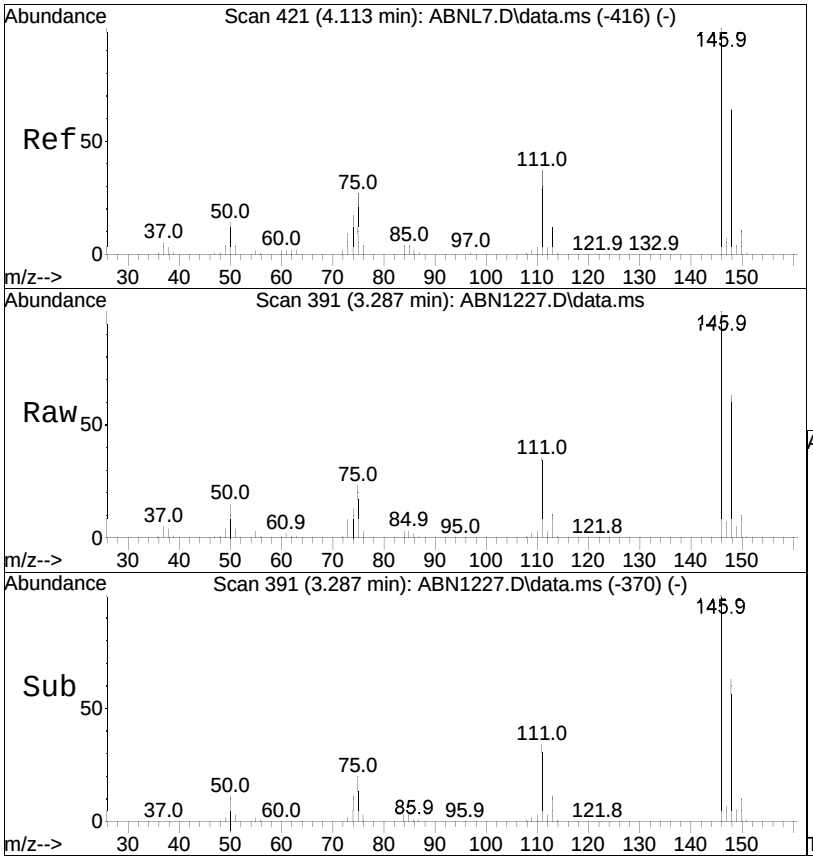


#9
Bis(2-chloroethyl)ether
Concen: 53.13 ug/ml
RT: 3.140 min Scan# 366
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion: 93 Resp: 110337

Ion	Ratio	Lower	Upper
93	100		
63	80.9	70.4	105.6
95	31.4	26.6	39.8

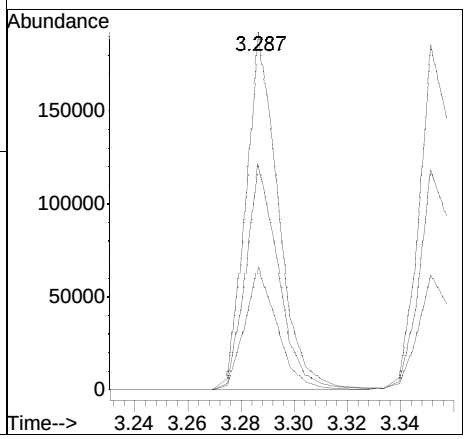


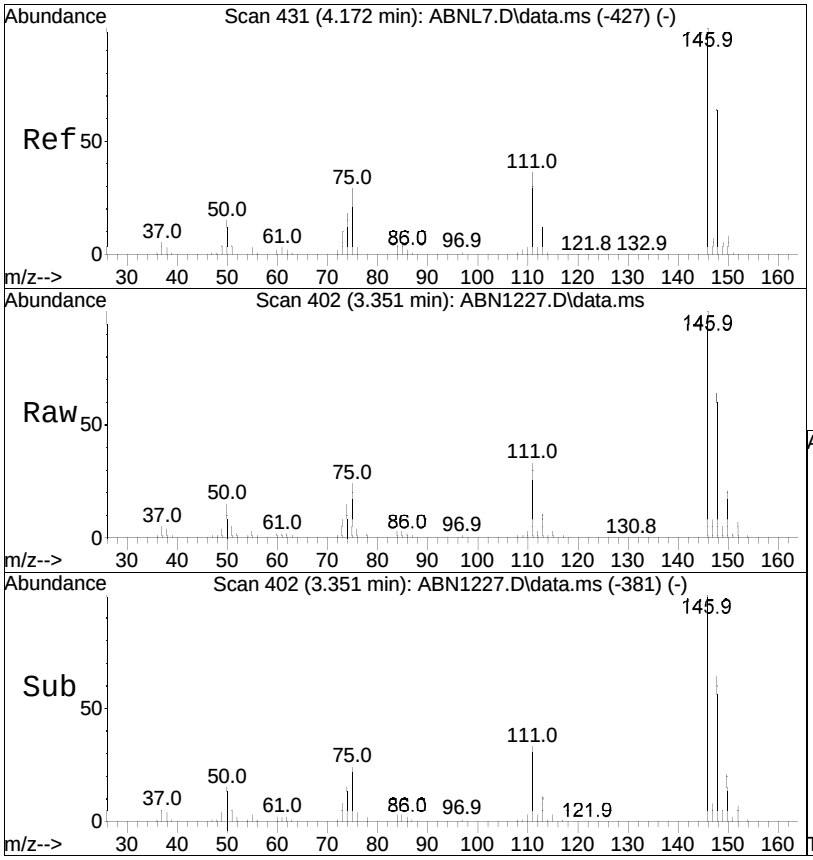


#10
1,3-Dichlorobenzene
Concen: 46.52 ug/ml
RT: 3.287 min Scan# 391
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:146 Resp: 164132

Ion	Ratio	Lower	Upper
146	100		
111	34.3	31.4	47.0
148	63.7	51.8	77.6

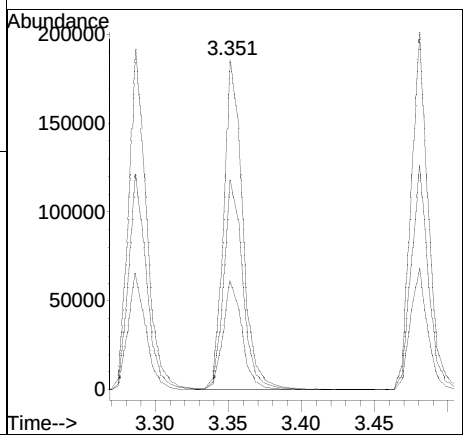


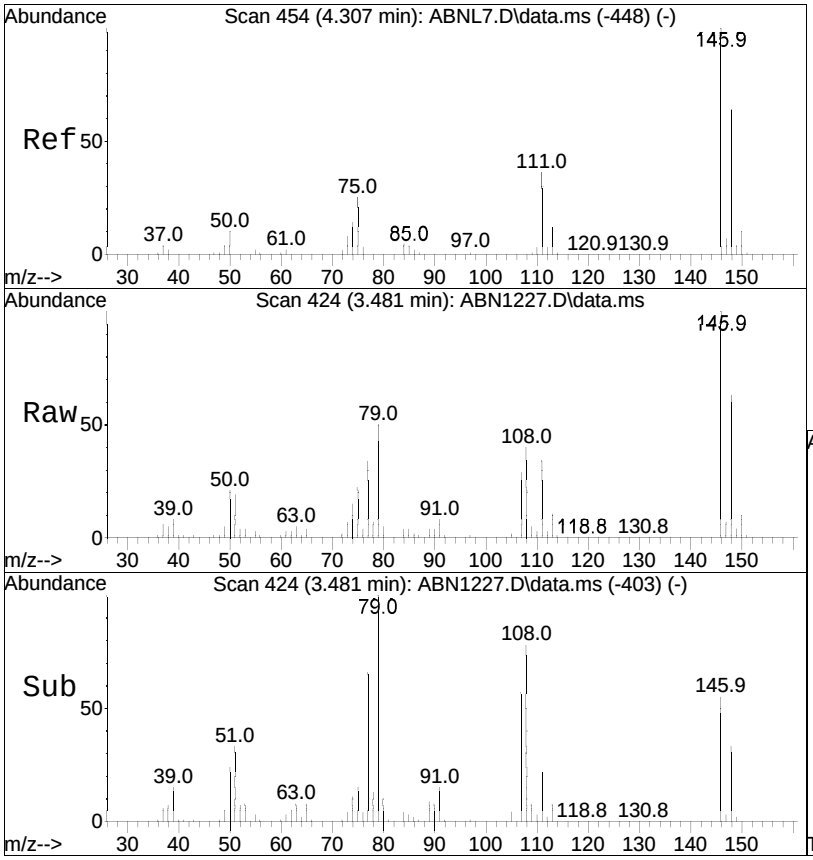


#11
1,4-Dichlorobenzene
Concen: 46.86 ug/ml
RT: 3.351 min Scan# 402
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:146 Resp: 168087

Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.4	78.6
111	33.8	30.6	46.0

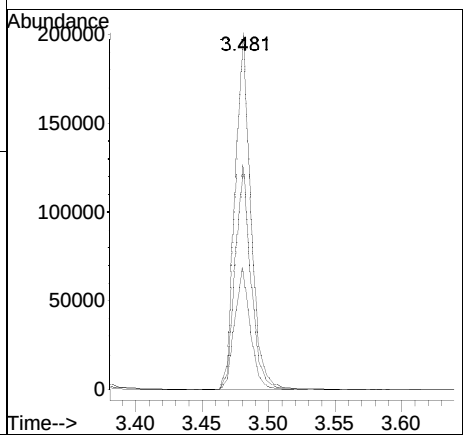


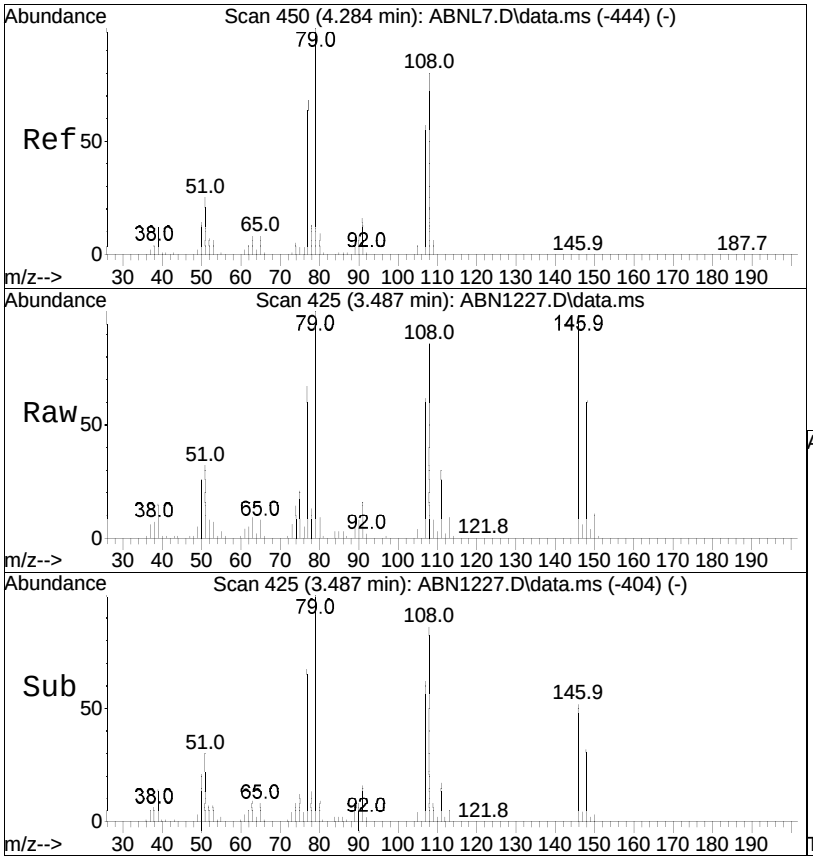


#12
1,2-Dichlorobenzene
Concen: 47.52 ug/ml
RT: 3.481 min Scan# 424
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:146 Resp: 164343

Ion	Ratio	Lower	Upper
146	100		
111	34.8	32.1	48.1
148	63.9	51.9	77.9

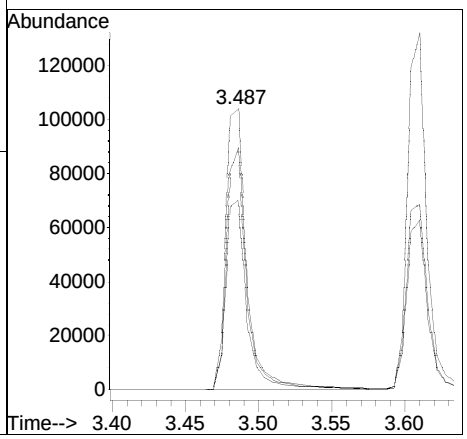


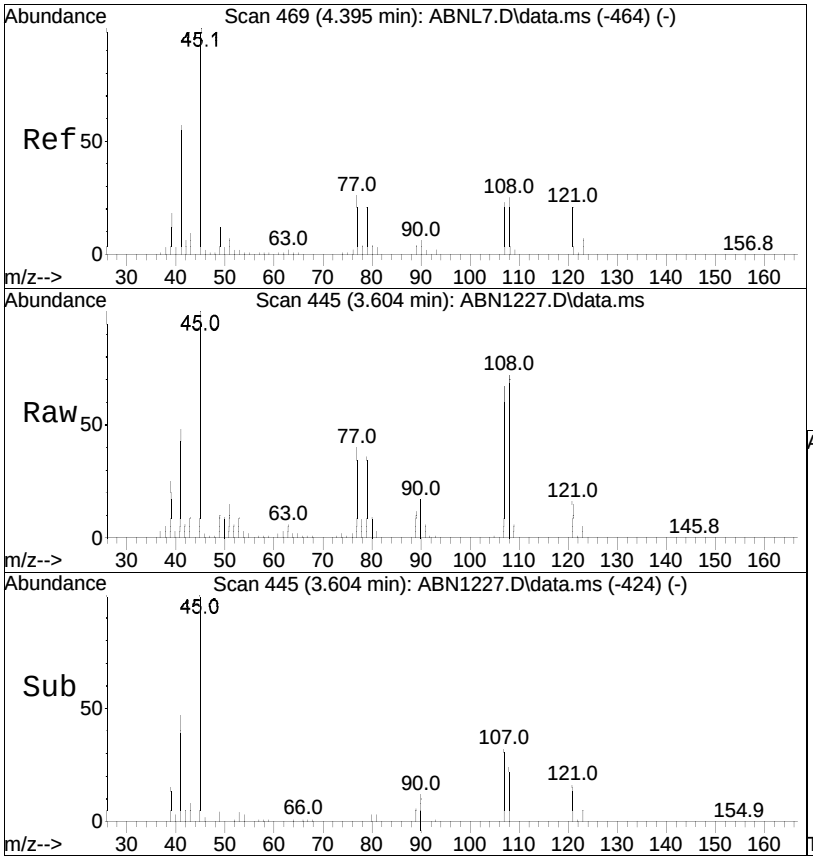


#13
Benzyl alcohol
Concen: 51.68 ug/ml
RT: 3.487 min Scan# 425
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion: 79 Resp: 105051

Ion	Ratio	Lower	Upper
79	100		
77	67.4	50.5	75.7
108	83.2	70.1	105.1

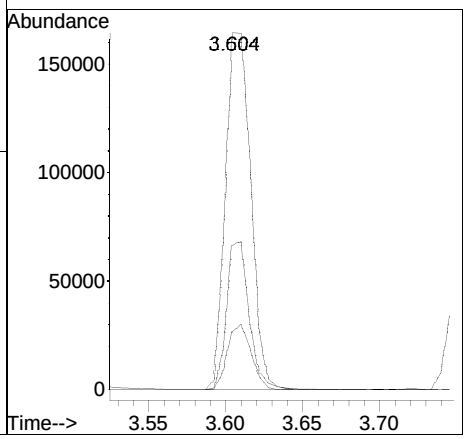


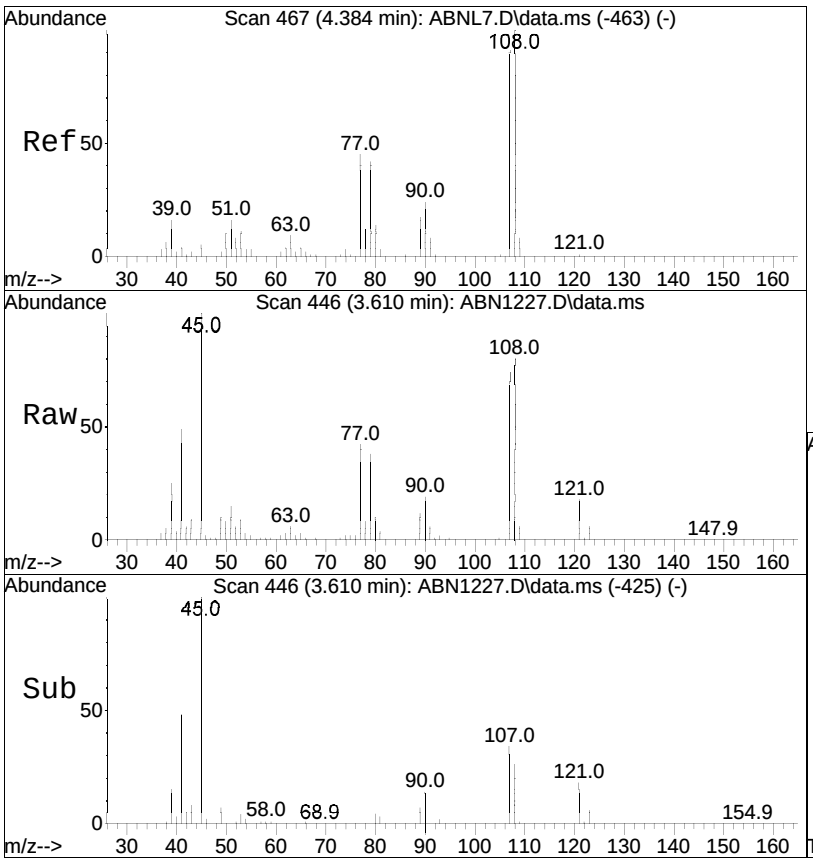


#14
Bis(2-chloroisopropyl)ether
Concen: 61.77 ug/ml
RT: 3.604 min Scan# 445
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion: 45 Resp: 187344

Ion	Ratio	Lower	Upper
45	100		
121	17.5	13.7	20.5
77	36.9	28.2	42.2

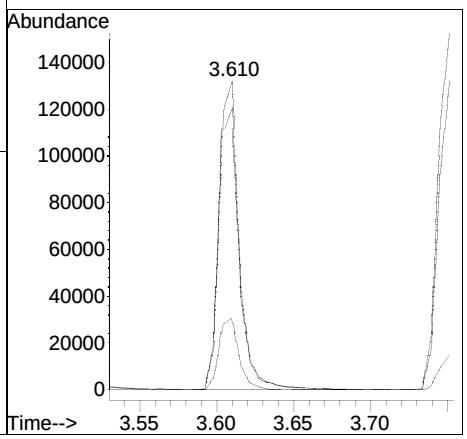


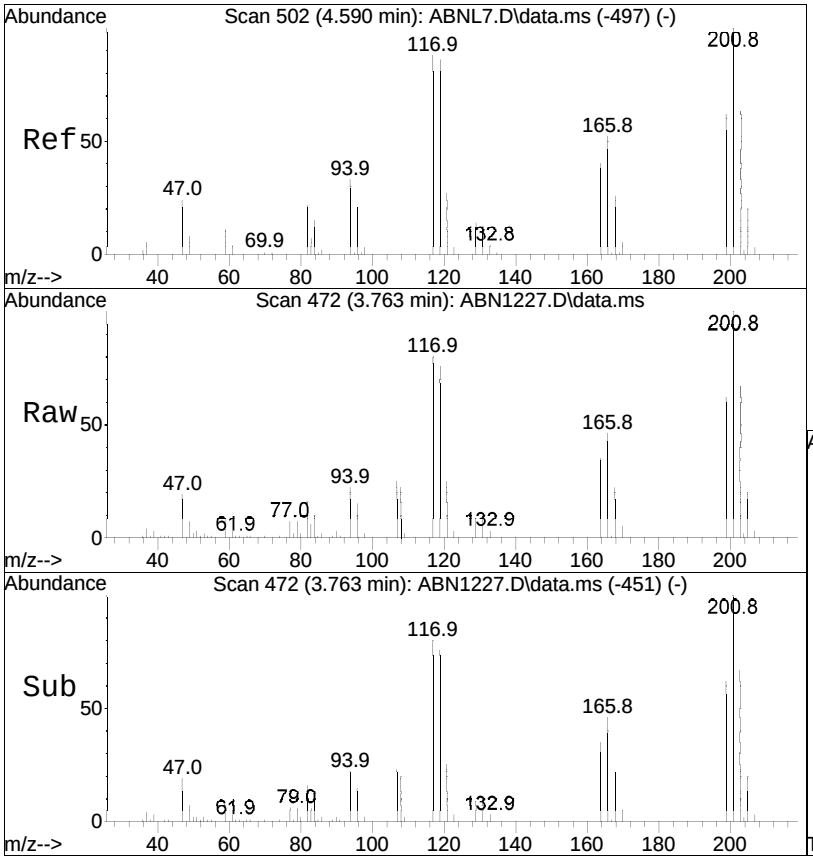


#15
2-Methylphenol
Concen: 50.29 ug/ml
RT: 3.610 min Scan# 446
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:108 Resp: 120572

Ion	Ratio	Lower	Upper
108	100		
107	92.3	72.6	108.8
90	23.6	18.6	27.8

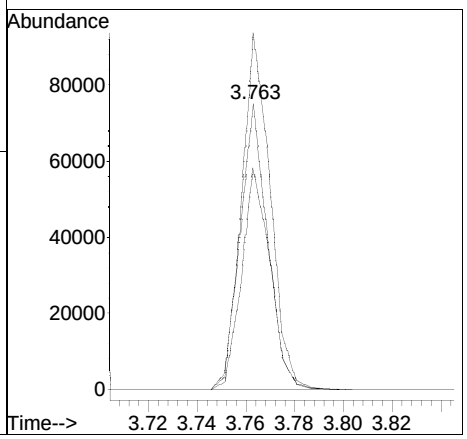


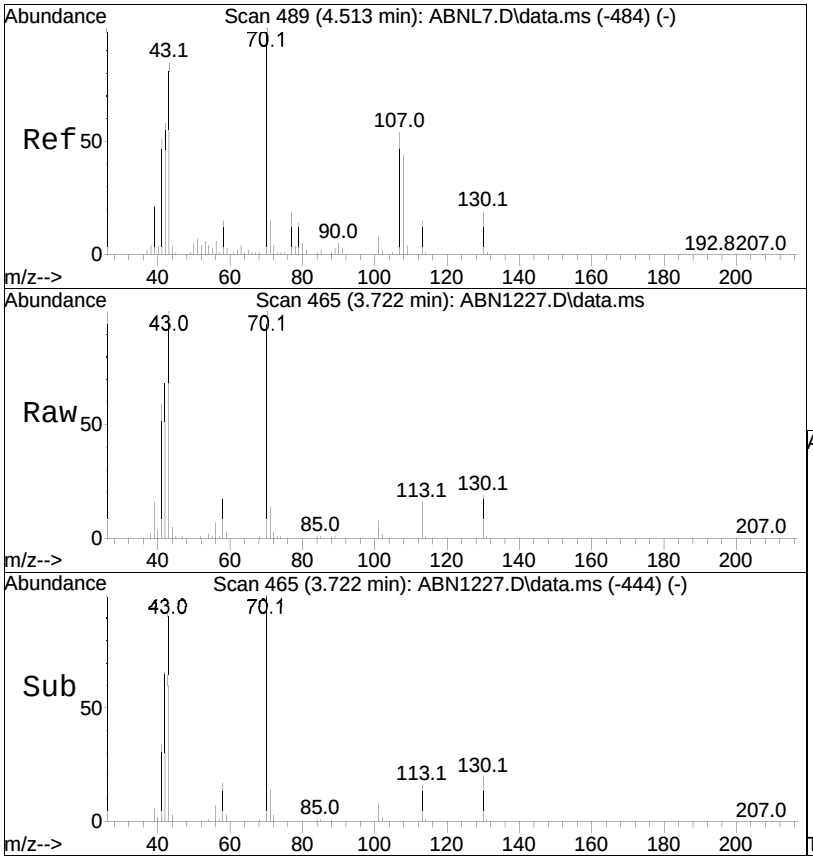


#16
Hexachloroethane
Concen: 52.40 ug/ml
RT: 3.763 min Scan# 472
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:117 Resp: 59071

Ion	Ratio	Lower	Upper
117	100		
201	129.0	75.4	113.0#
199	79.8	48.0	72.0#

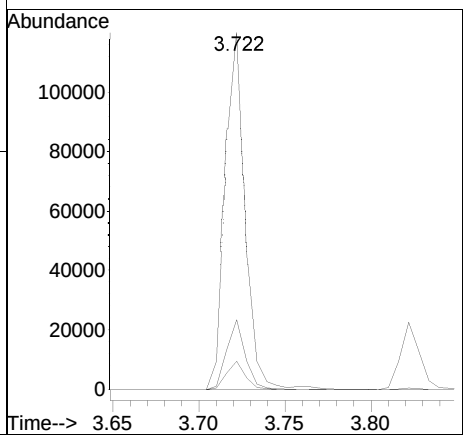


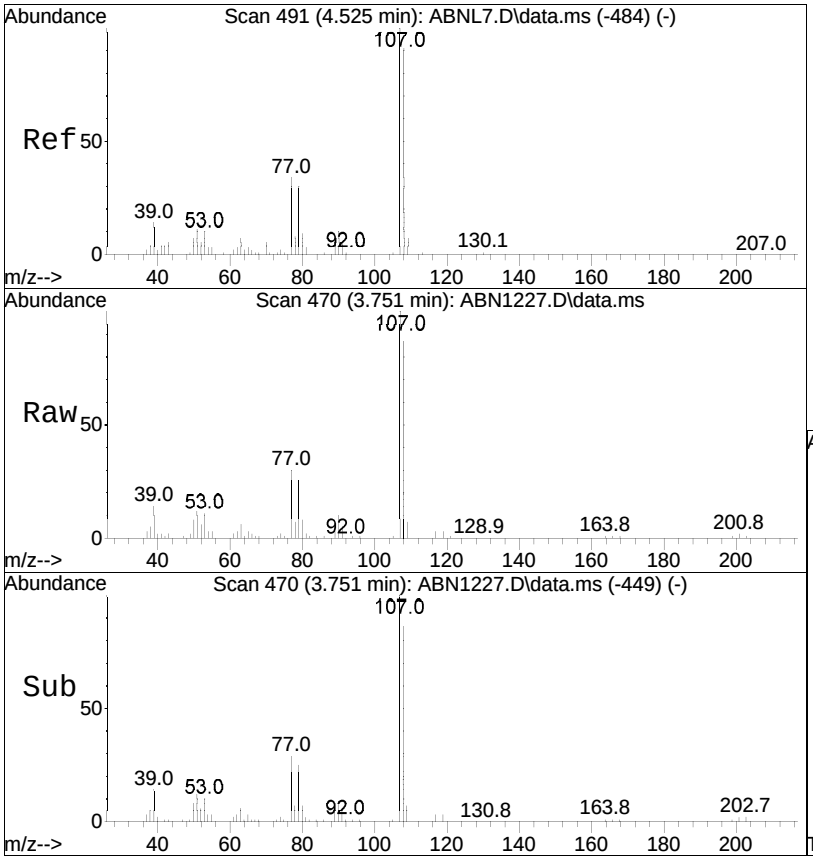


#17
n-Nitrosodi-n-propylamine
Concen: 54.76 ug/ml
RT: 3.722 min Scan# 465
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion: 70 Resp: 96995

Ion	Ratio	Lower	Upper
70	100		
130	18.3	15.7	23.5
101	7.5	6.7	10.1

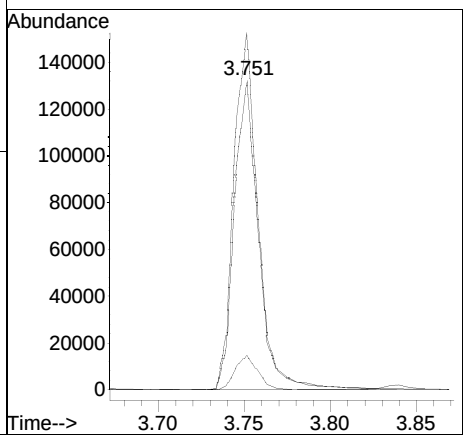


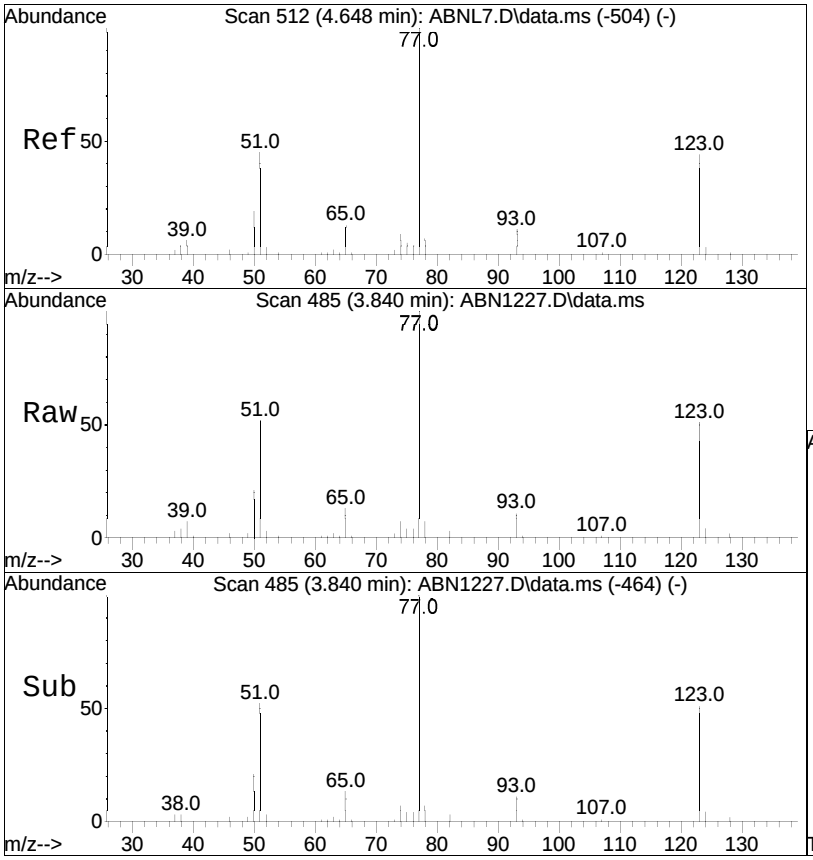


#18
3-Methylphenol/4-Methylphenol
Concen: 50.17 ug/ml
RT: 3.751 min Scan# 470
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:108 Resp: 128128

Ion	Ratio	Lower	Upper
108	100		
107	116.6	90.7	136.1
90	10.9	8.6	13.0

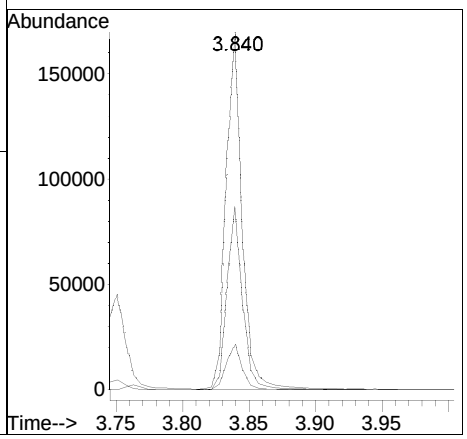


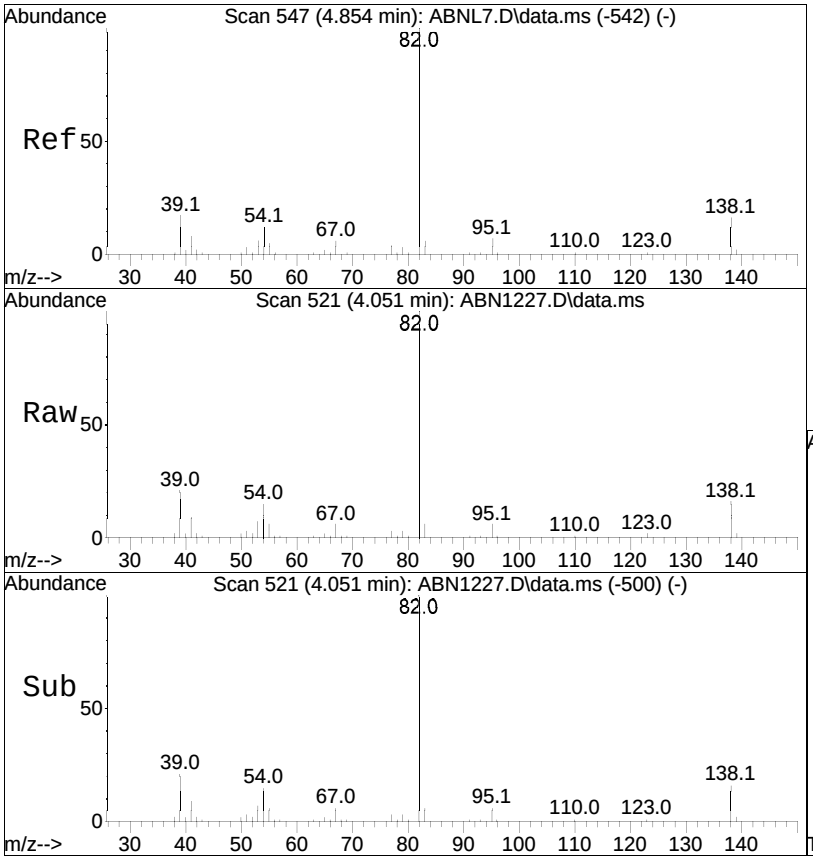


#20
Nitrobenzene
Concen: 56.32 ug/ml
RT: 3.840 min Scan# 485
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion: 77 Resp: 139848

Ion	Ratio	Lower	Upper
77	100		
123	50.7	41.4	62.0
65	13.2	11.0	16.4

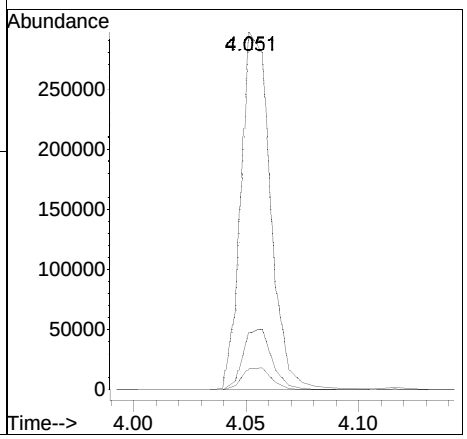


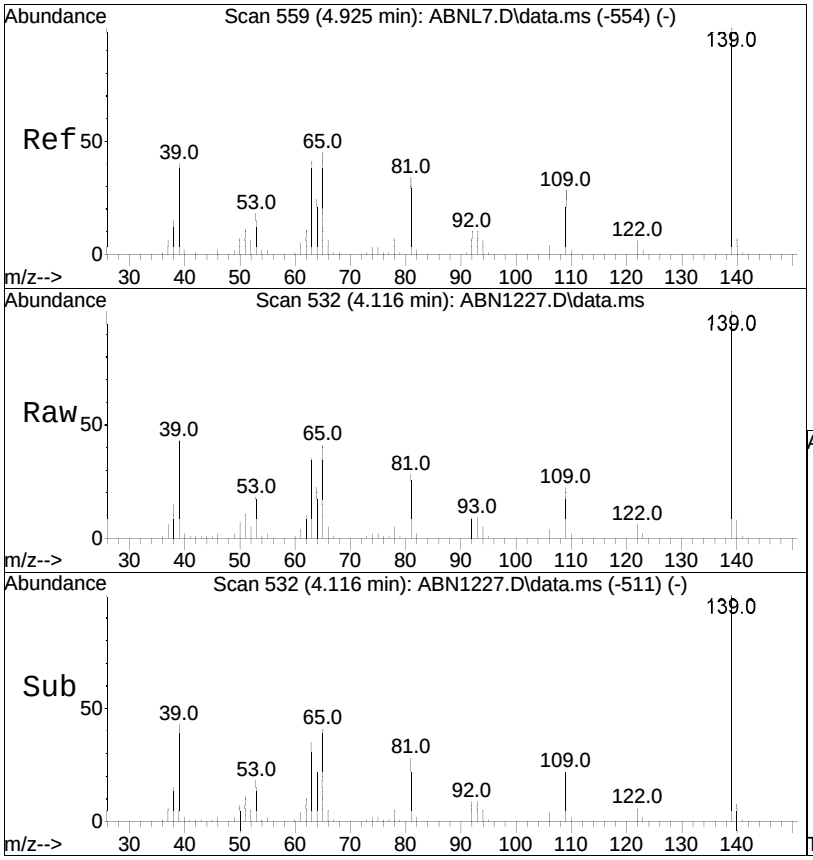


#21
Isophorone
Concen: 55.03 ug/ml
RT: 4.051 min Scan# 521
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion: 82 Resp: 269289

Ion	Ratio	Lower	Upper
82	100		
138	16.9	13.9	20.9
95	6.4	5.3	7.9

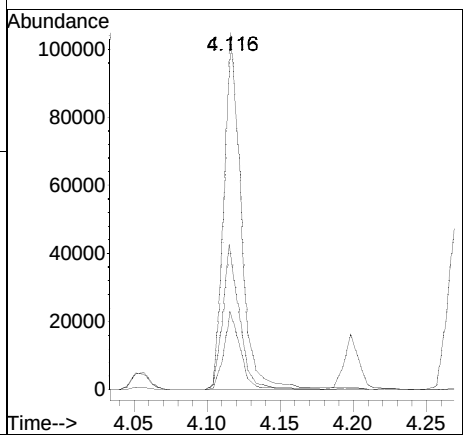


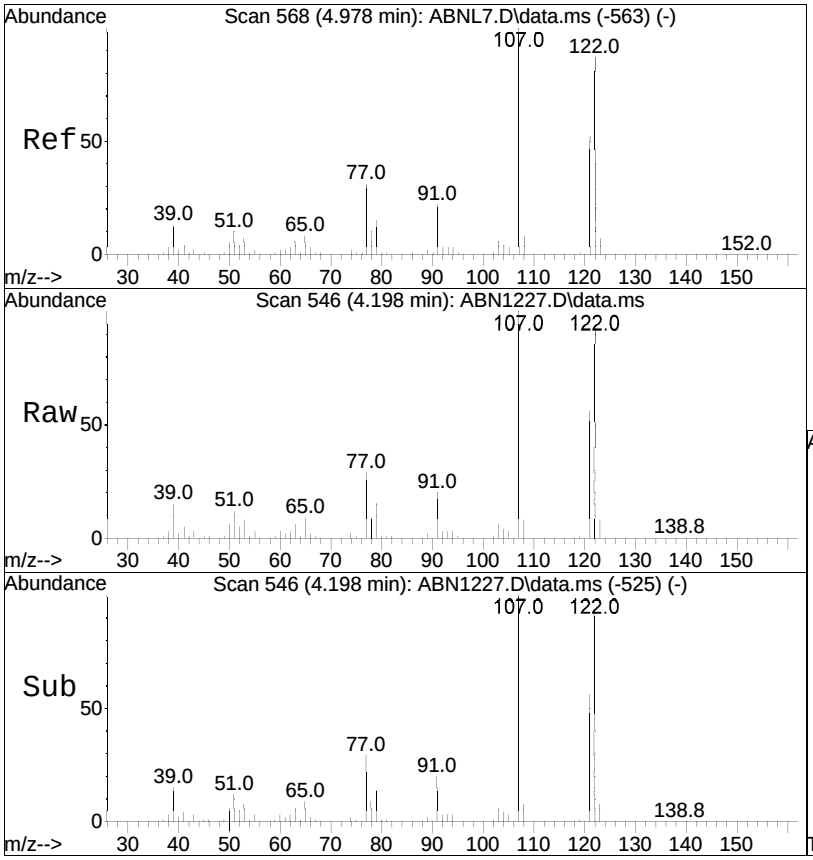


#22
2-Nitrophenol
Concen: 61.20 ug/ml
RT: 4.116 min Scan# 532
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:139 Resp: 87082

Ion	Ratio	Lower	Upper
139	100		
109	21.3	17.5	26.3
65	40.1	33.2	49.8

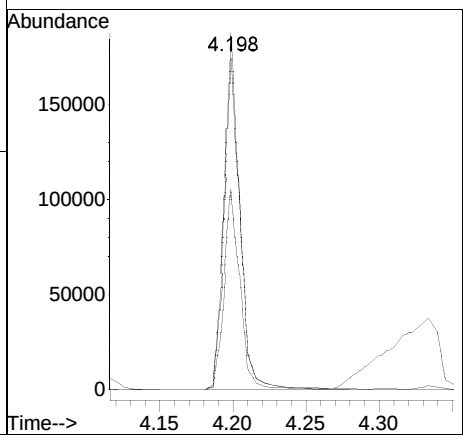


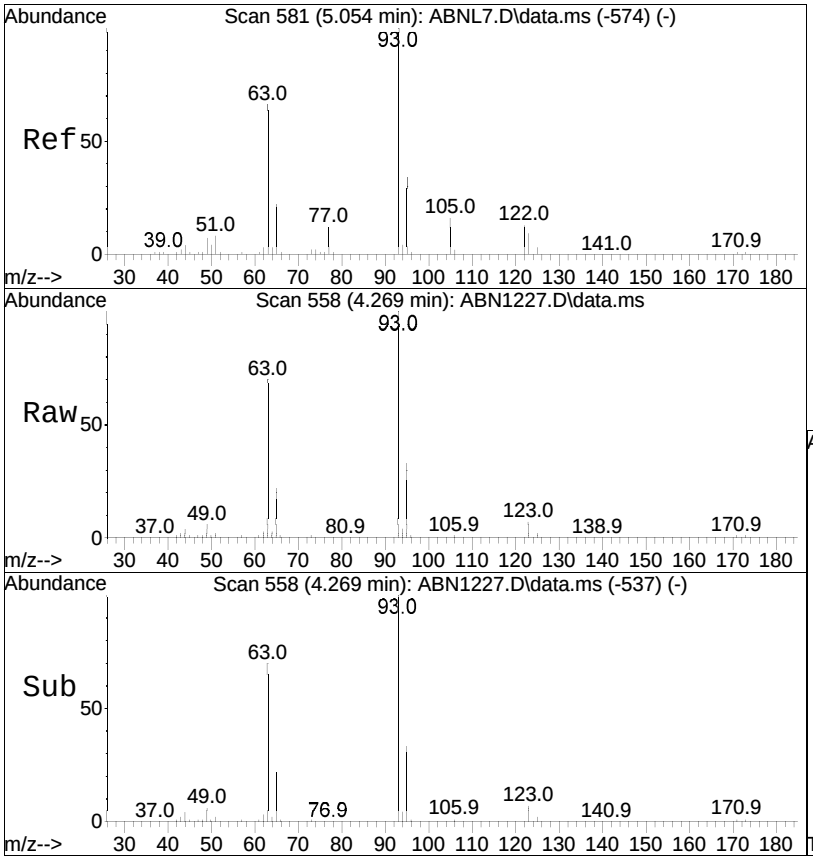


#23
2,4-Dimethylphenol
Concen: 49.49 ug/ml
RT: 4.198 min Scan# 546
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:107 Resp: 141521

Ion	Ratio	Lower	Upper
107	100		
121	56.4	43.4	65.2
122	92.7	73.7	110.5

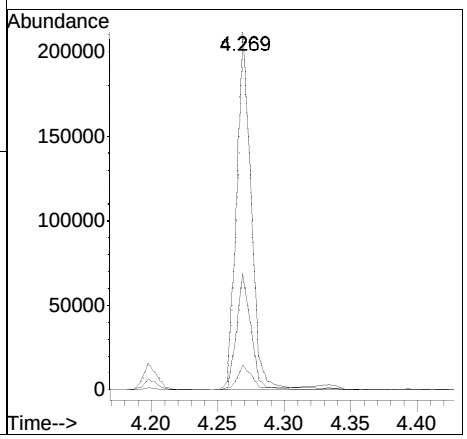


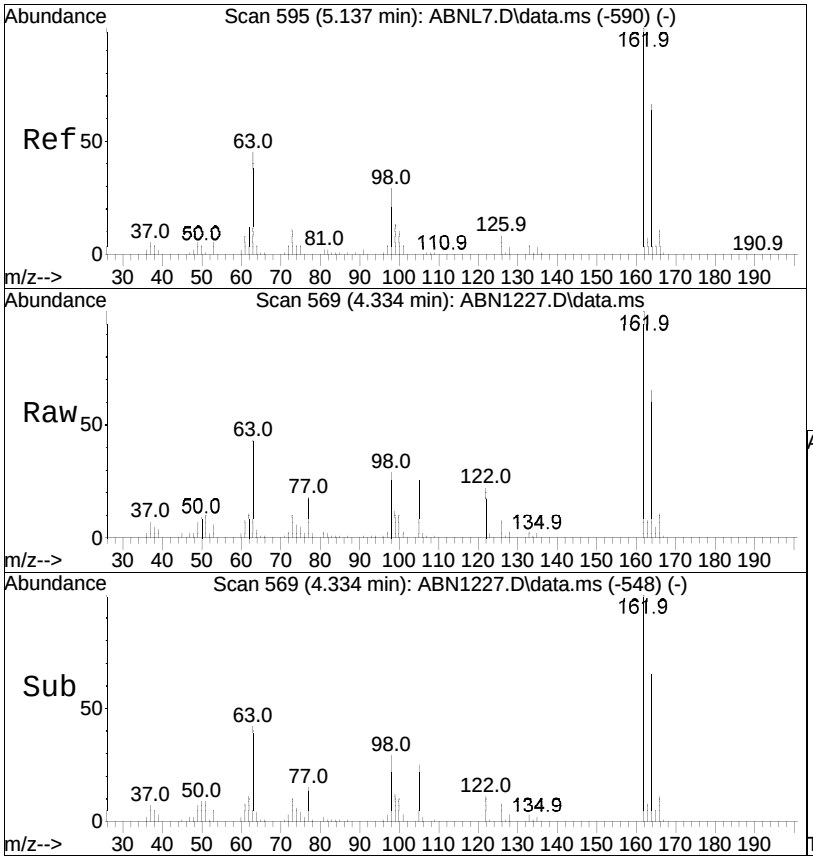


#24
Bis(2-chloroethoxy)methane
Concen: 53.38 ug/ml
RT: 4.269 min Scan# 558
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion: 93 Resp: 161781

Ion	Ratio	Lower	Upper
93	100		
95	31.9	27.2	40.8
123	7.3	7.6	11.4#

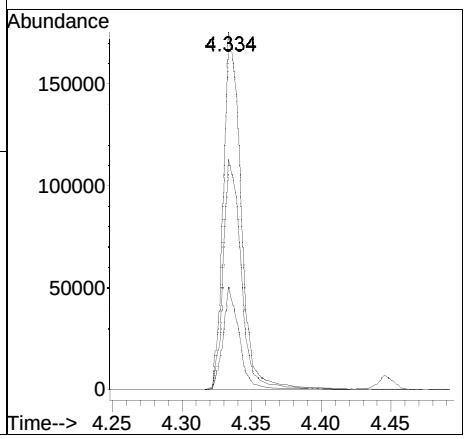


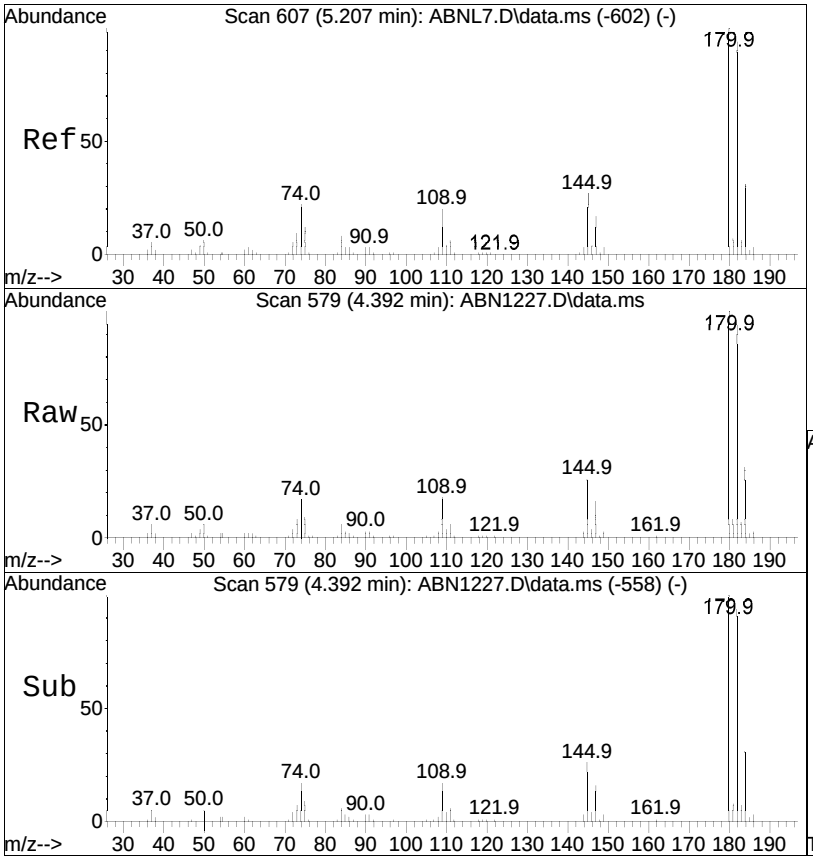


#25
2,4-Dichlorophenol
Concen: 47.64 ug/ml
RT: 4.334 min Scan# 569
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:162 Resp: 154685

Ion	Ratio	Lower	Upper
162	100		
164	64.7	51.5	77.3
98	26.4	27.5	41.3#

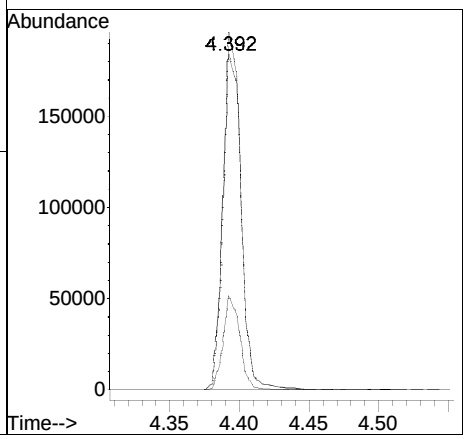


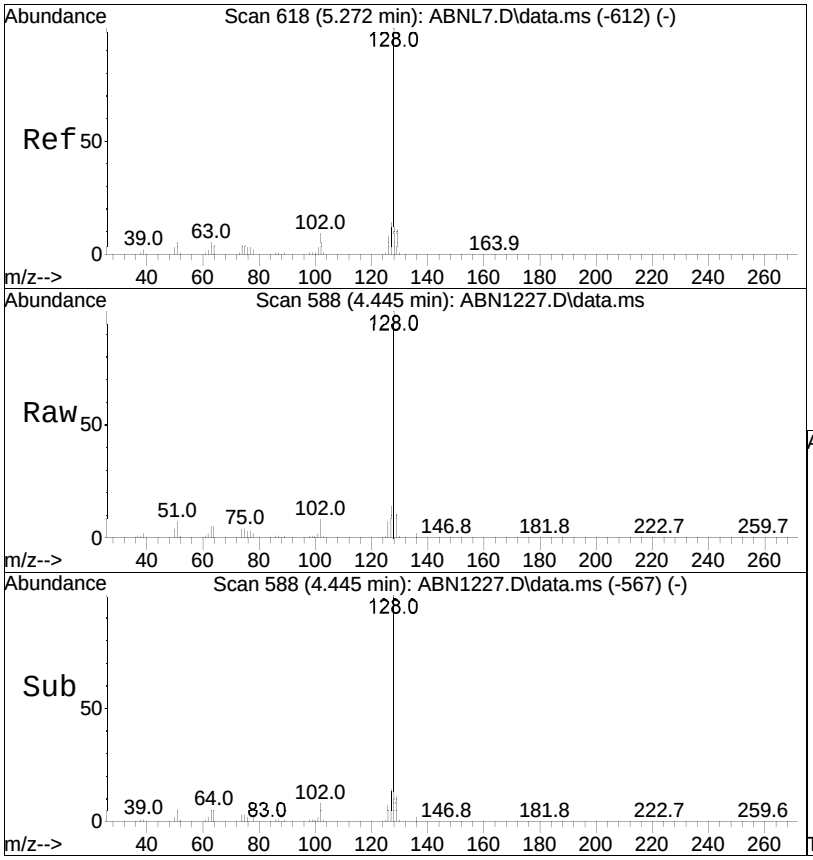


#26
1,2,4-Trichlorobenzene
Concen: 44.15 ug/ml
RT: 4.392 min Scan# 579
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:180 Resp: 173808

Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.0	115.4
145	25.1	24.2	36.4

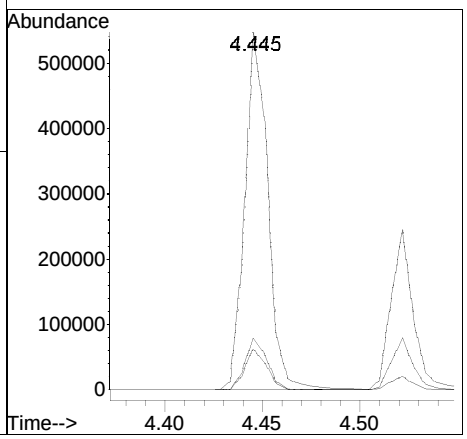


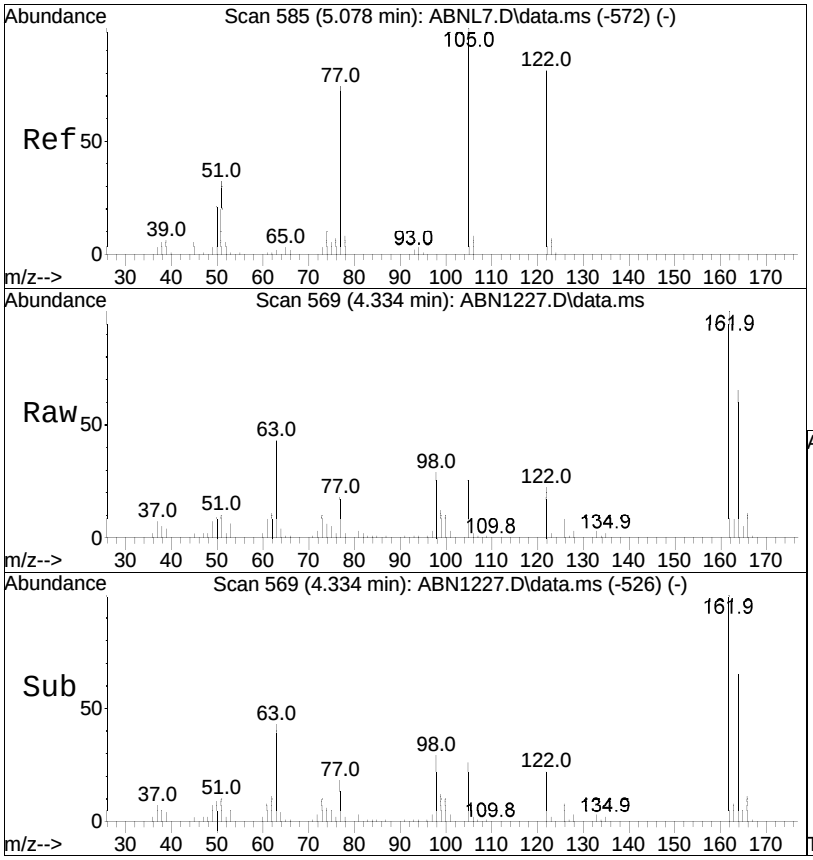


#36
Naphthalene
Concen: 45.10 ug/ml
RT: 4.445 min Scan# 588
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:128 Resp: 450792

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.4	14.2
127	14.0	11.6	17.4

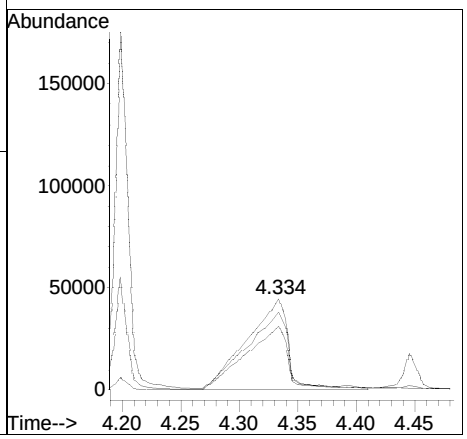


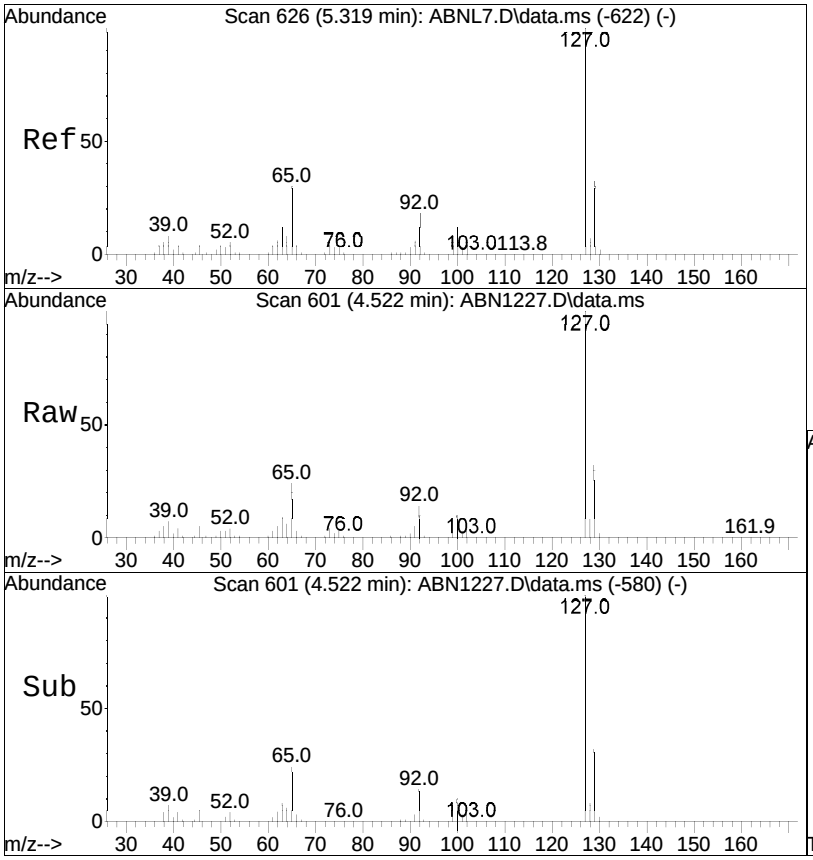


#37
Benzoic Acid
Concen: 54.37 ug/ml
RT: 4.334 min Scan# 569
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:105 Resp: 111208

Ion	Ratio	Lower	Upper
105	100		
122	82.2	70.9	106.3
77	70.2	55.9	83.9

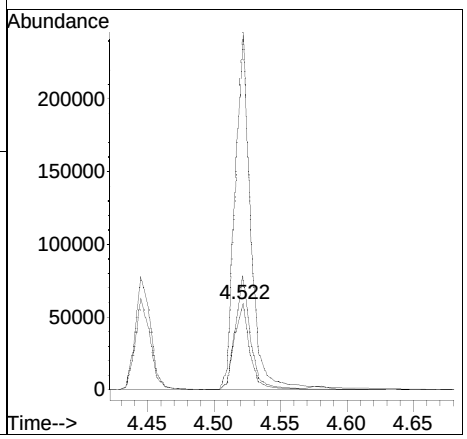


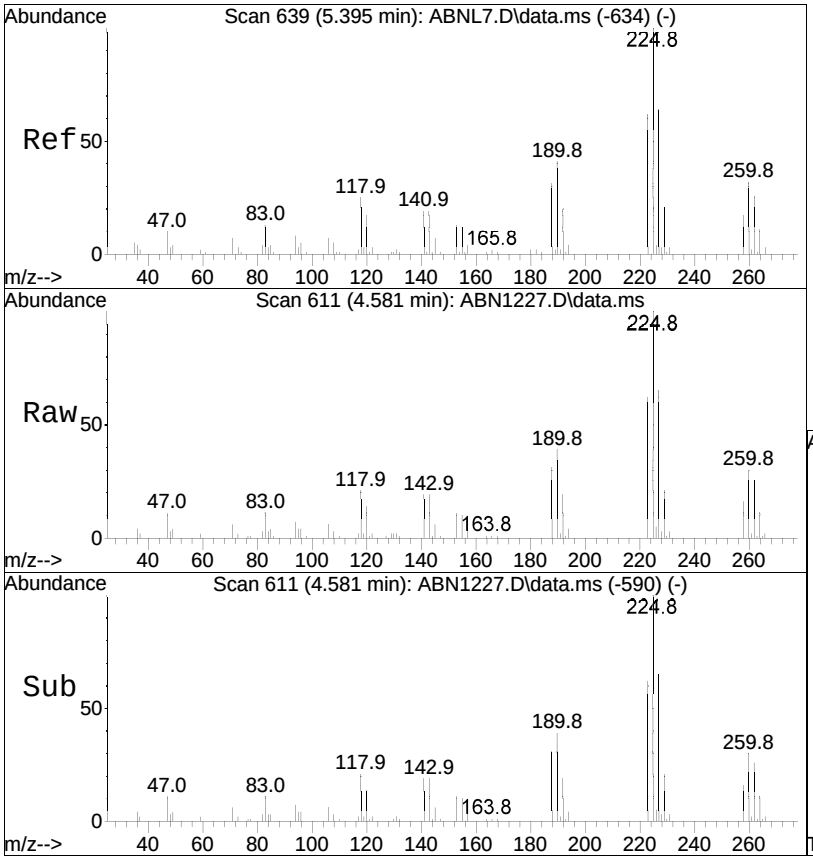


#38
4-Chloroaniline
Concen: 49.03 ug/ml
RT: 4.522 min Scan# 601
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion: 65 Resp: 49733

Ion	Ratio	Lower	Upper
65	100		
127	402.3	303.0	454.6
129	125.5	99.3	148.9

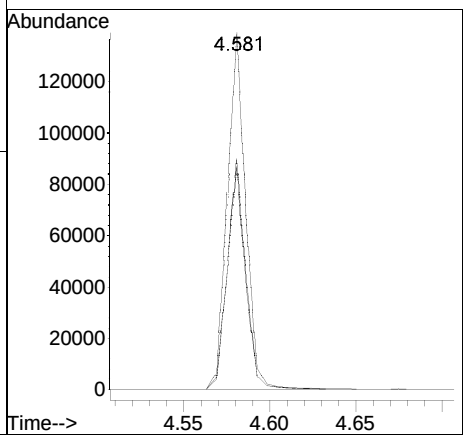


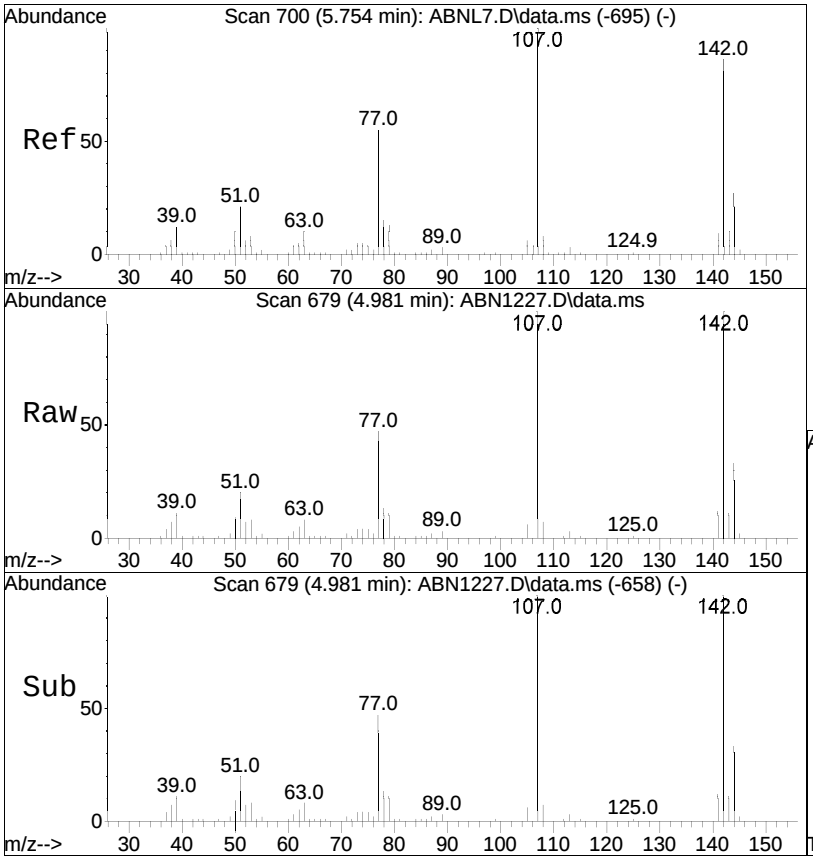


#39
Hexachlorobutadiene
Concen: 36.40 ug/ml
RT: 4.581 min Scan# 611
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:225 Resp: 102060

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.9	76.3
227	64.4	50.6	75.8

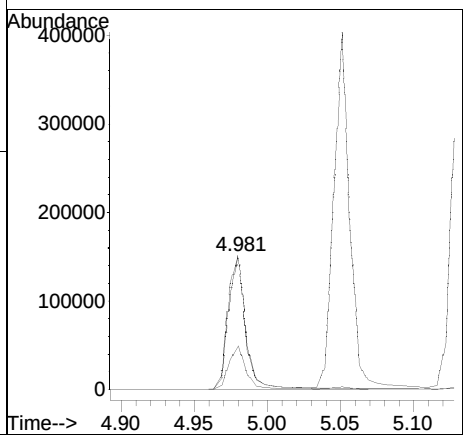


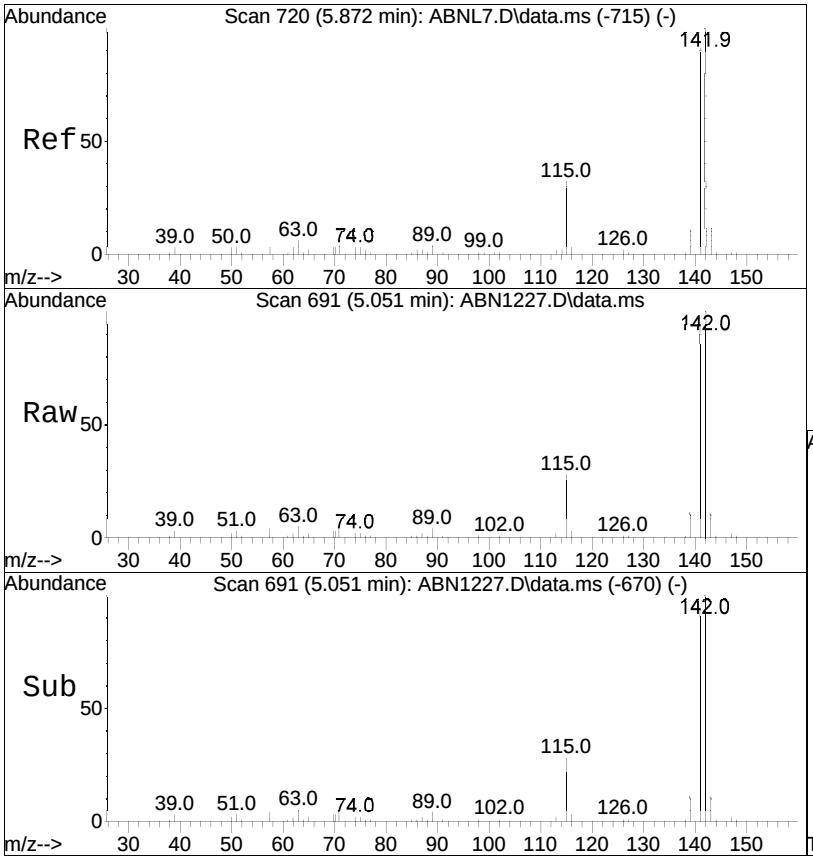


#40
p-Chloro-m-cresol
Concen: 46.44 ug/ml
RT: 4.981 min Scan# 679
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:107 Resp: 128509

Ion	Ratio	Lower	Upper
107	100		
144	31.4	22.6	33.8
142	95.3	69.7	104.5

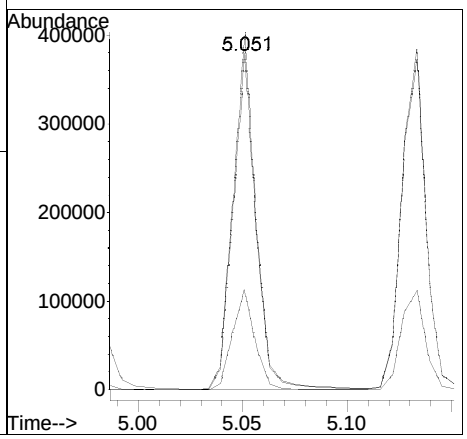


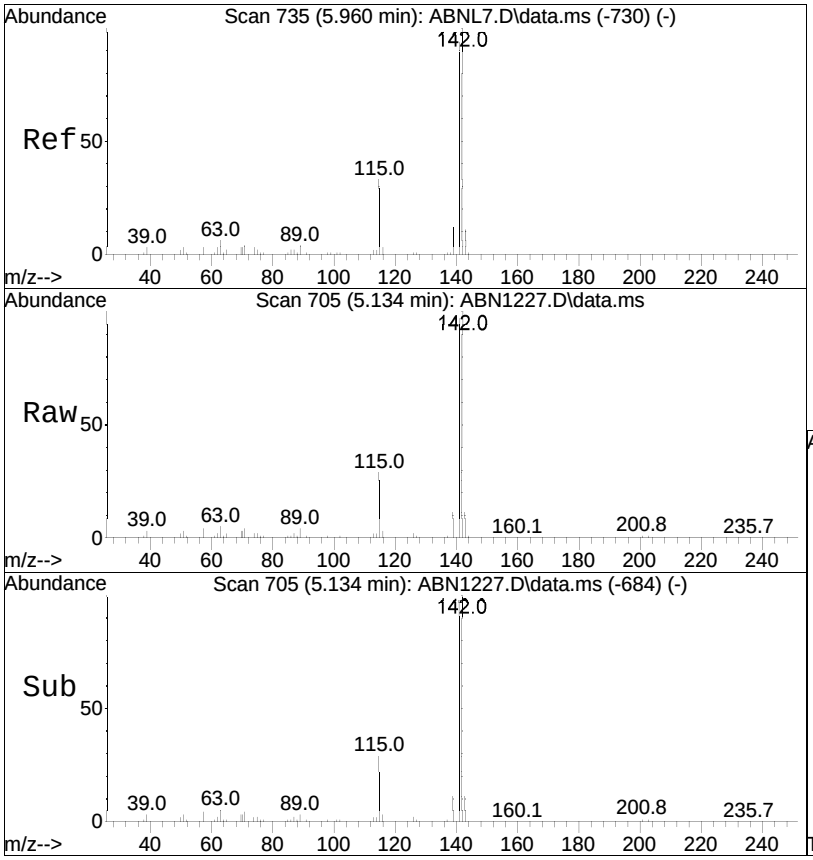


#41
2-Methylnaphthalene
Concen: 44.70 ug/ml
RT: 5.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:142 Resp: 302312

Ion	Ratio	Lower	Upper
142	100		
141	95.7	75.7	113.5
115	28.8	24.4	36.6

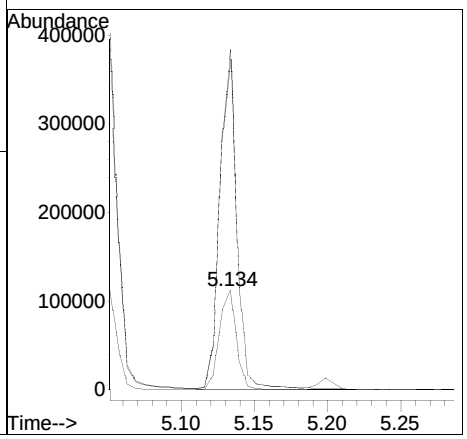


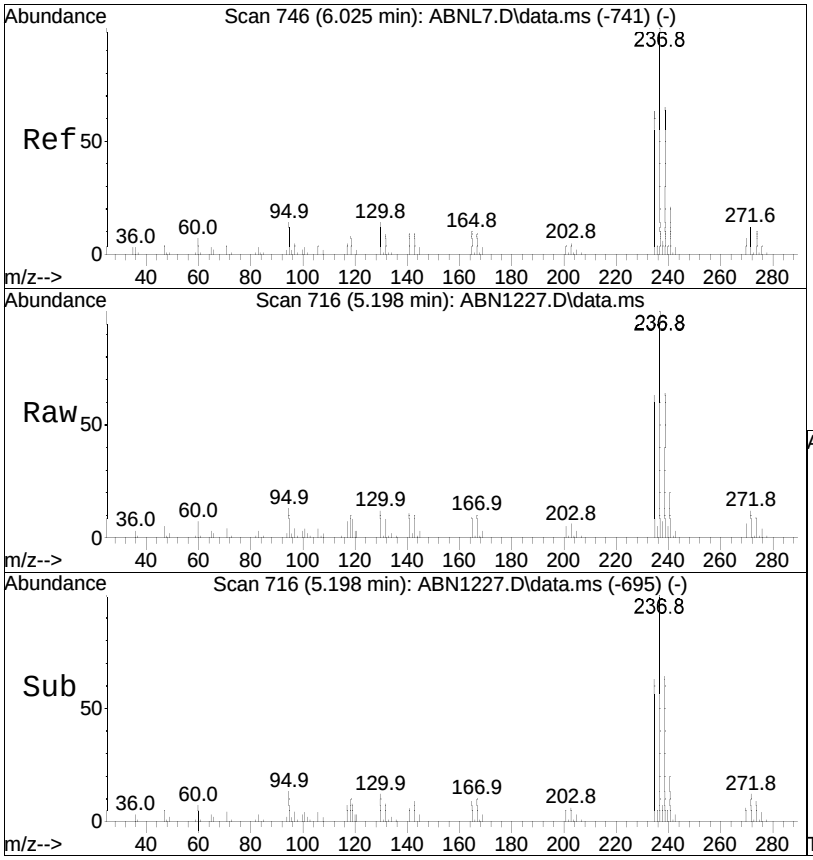


#42
1-Methylnaphthalene
Concen: 43.69 ug/ml
RT: 5.134 min Scan# 705
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:115 Resp: 93210

Ion	Ratio	Lower	Upper
115	100		
141	325.8	248.3	372.5
142	334.5	258.0	387.0

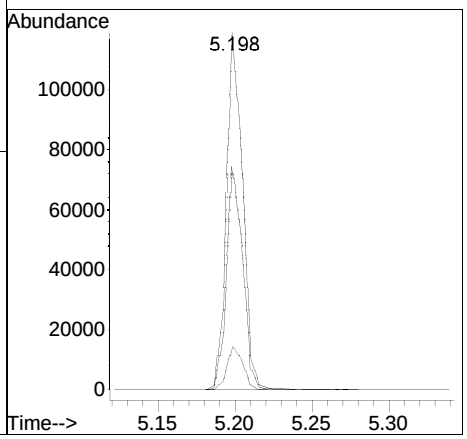


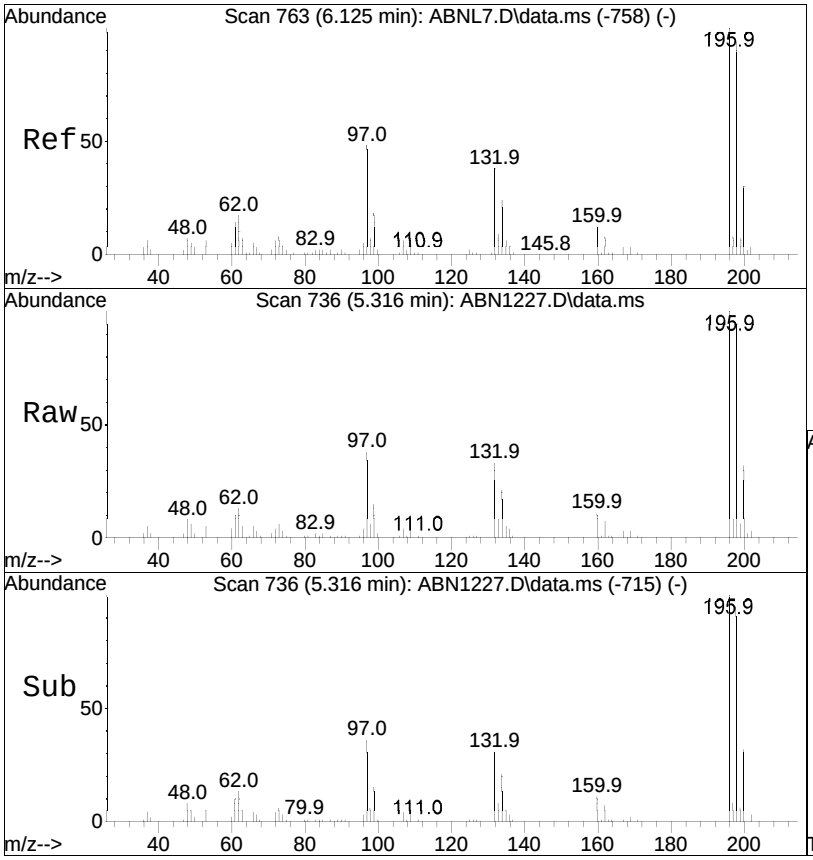


#43
Hexachlorocyclopentadiene
Concen: 28.50 ug/ml
RT: 5.198 min Scan# 716
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:237 Resp: 86514

Ion	Ratio	Lower	Upper
237	100		
235	63.1	50.8	76.2
272	12.1	10.4	15.6

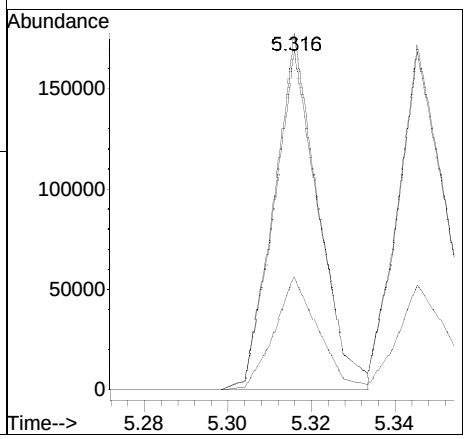


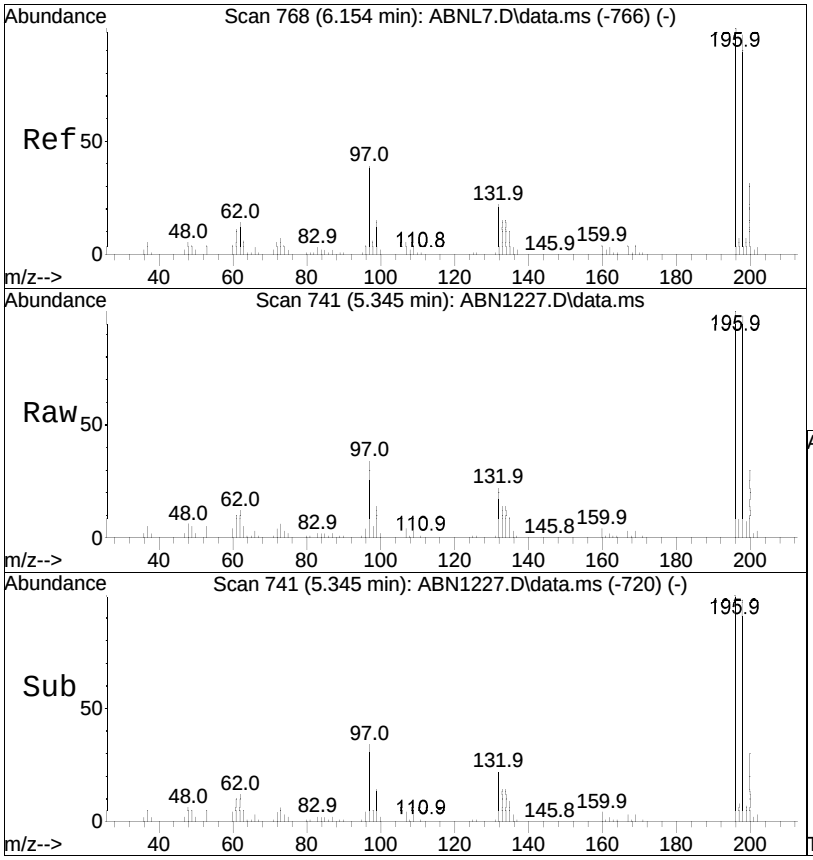


#44
2,4,6-Trichlorophenol
Concen: 40.93 ug/ml
RT: 5.316 min Scan# 736
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:196 Resp: 131631

Ion	Ratio	Lower	Upper
196	100		
198	96.3	76.8	115.2
200	31.4	25.0	37.4

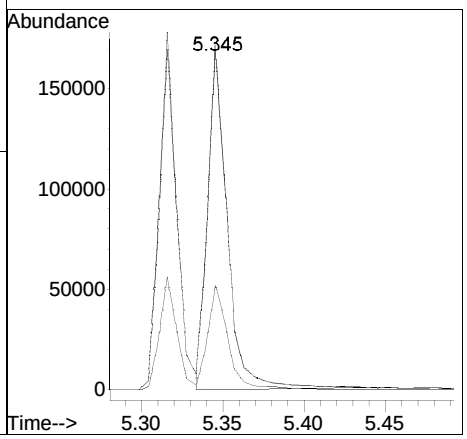


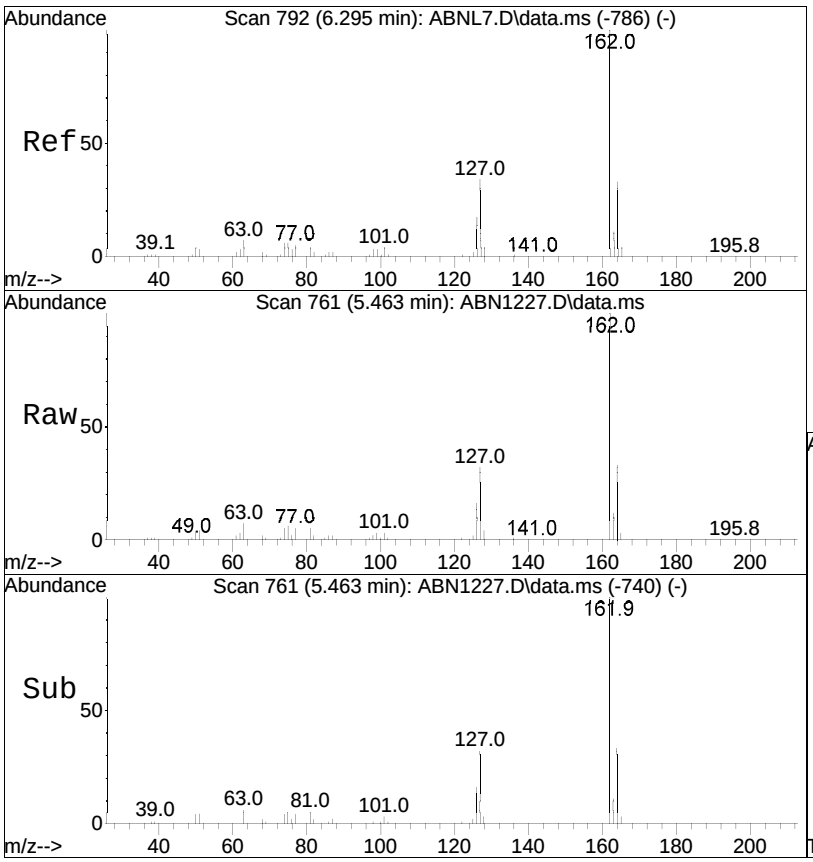


#45
2,4,5-Trichlorophenol
Concen: 41.11 ug/ml
RT: 5.345 min Scan# 741
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:196 Resp: 143516

Ion	Ratio	Lower	Upper
196	100		
200	31.1	25.4	38.0
198	98.9	79.1	118.7

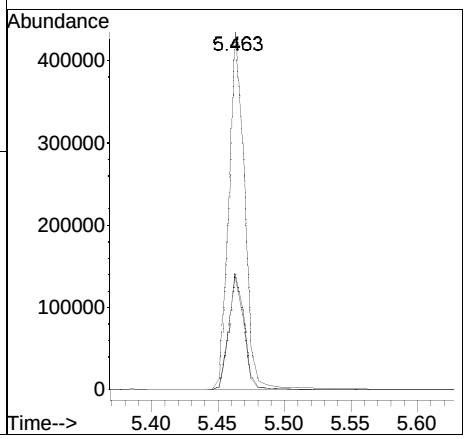


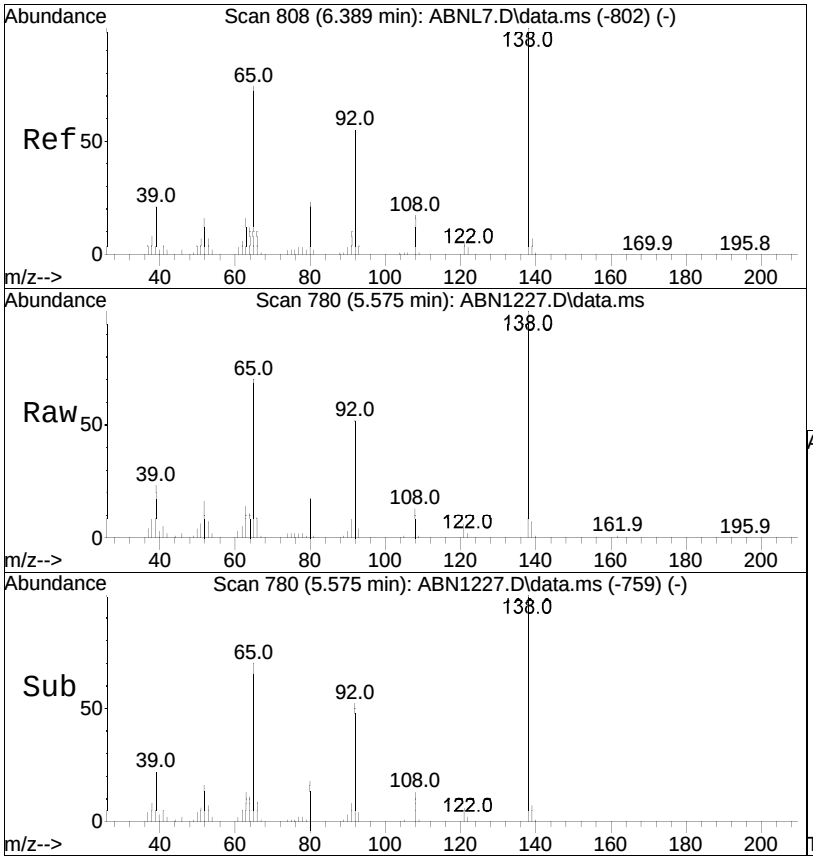


#47
2-Chloronaphthalene
Concen: 42.94 ug/ml
RT: 5.463 min Scan# 761
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:162 Resp: 356436

Ion	Ratio	Lower	Upper
162	100		
127	31.2	31.0	46.6
164	32.5	27.0	40.6

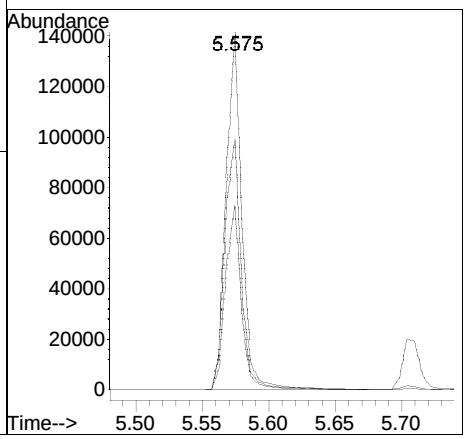


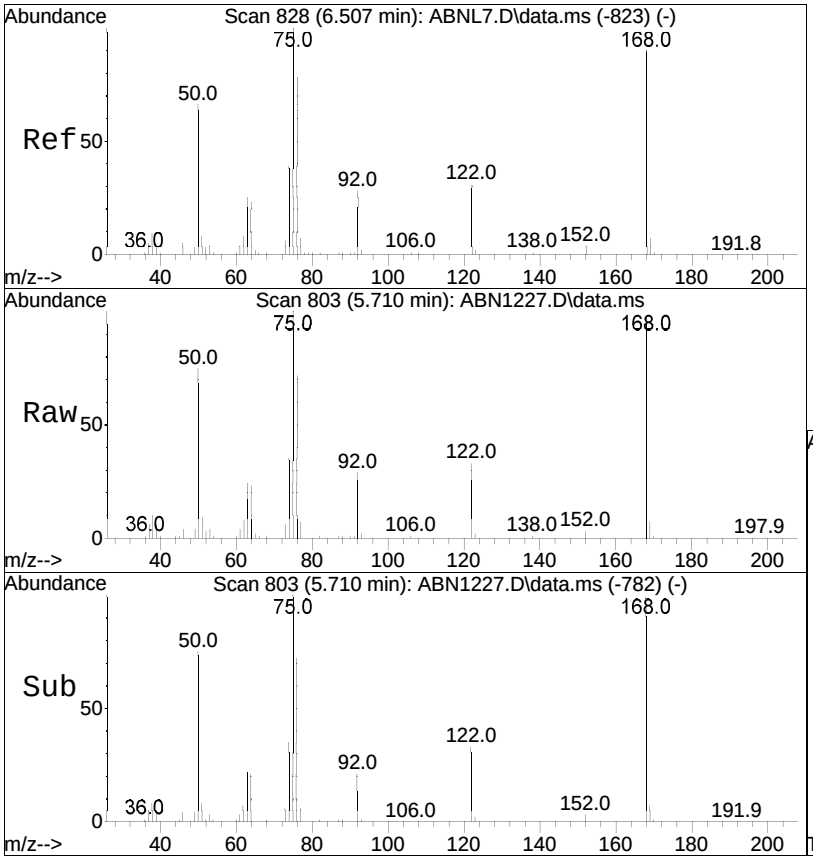


#48
2-Nitroaniline
Concen: 55.09 ug/ml
RT: 5.575 min Scan# 780
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:138 Resp: 115656

Ion	Ratio	Lower	Upper
138	100		
92	52.4	44.7	67.1
65	73.5	62.6	94.0

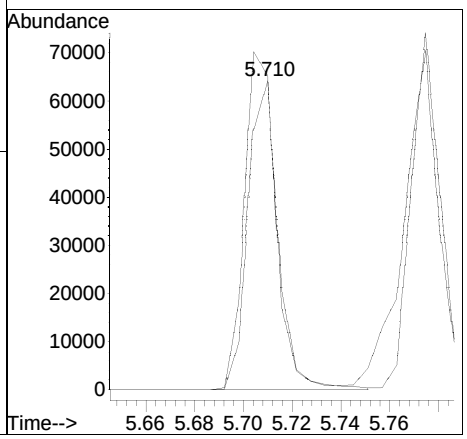


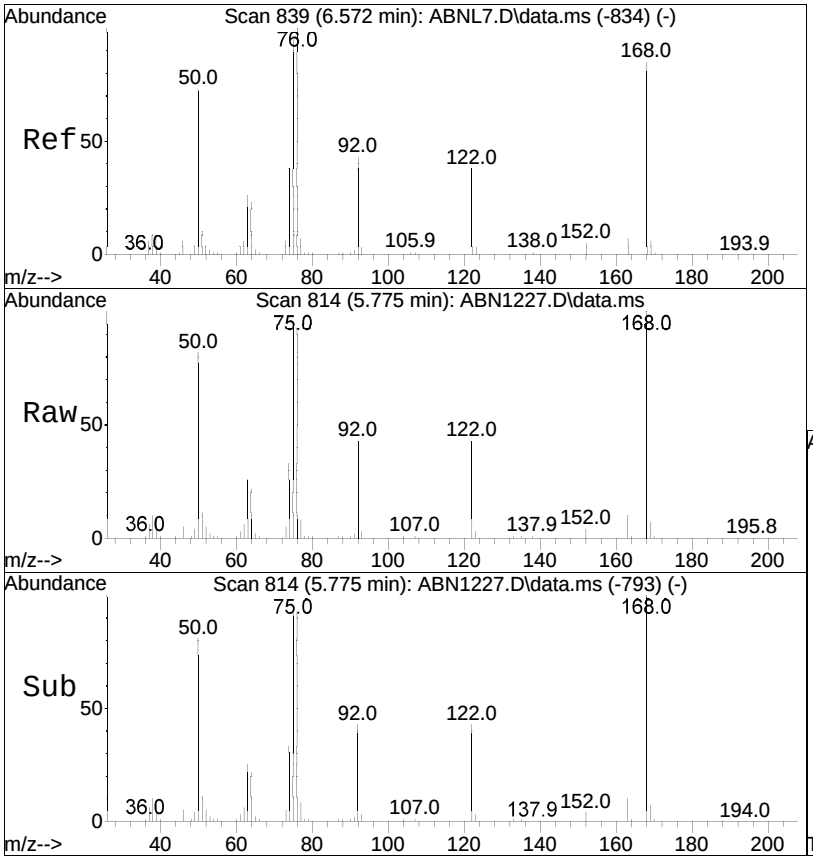


#49
1,4-Dinitrobenzene
Concen: 56.93 ug/ml
RT: 5.710 min Scan# 803
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:168 Resp: 55612

Ion	Ratio	Lower	Upper
168	100		
75	113.3	99.9	149.9

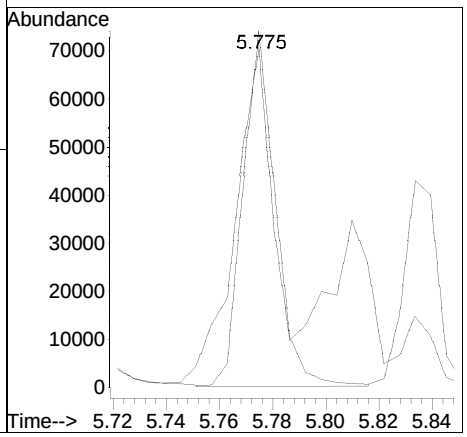


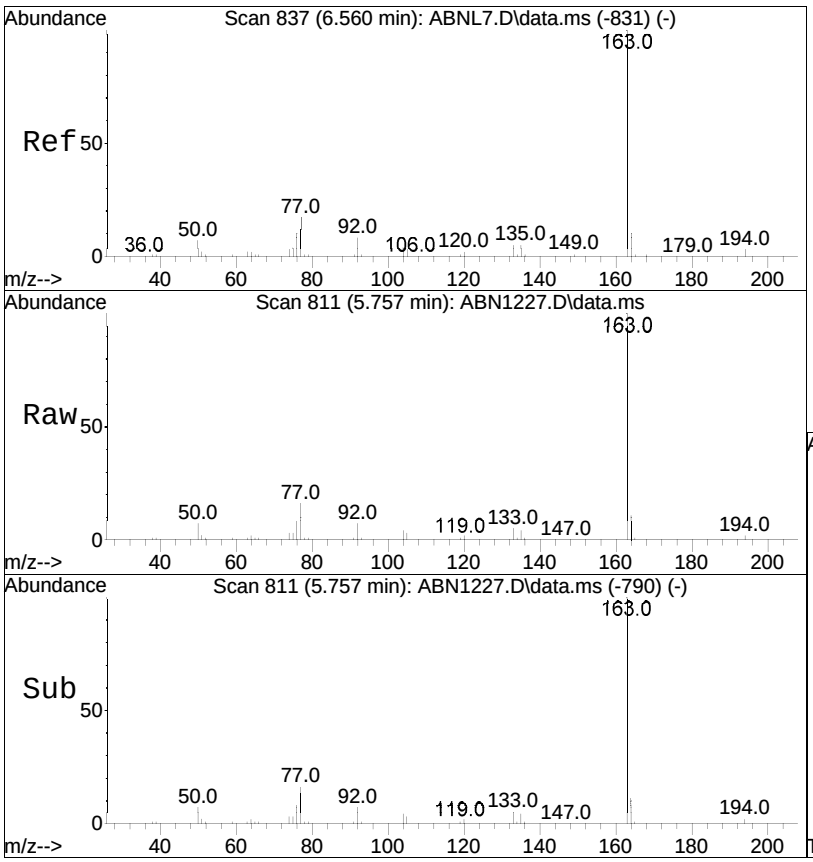


#50
1,3-Dinitrobenzene
Concen: 54.22 ug/ml
RT: 5.775 min Scan# 814
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:168 Resp: 63095

Ion	Ratio	Lower	Upper
168	100		
75	117.7	102.7	154.1

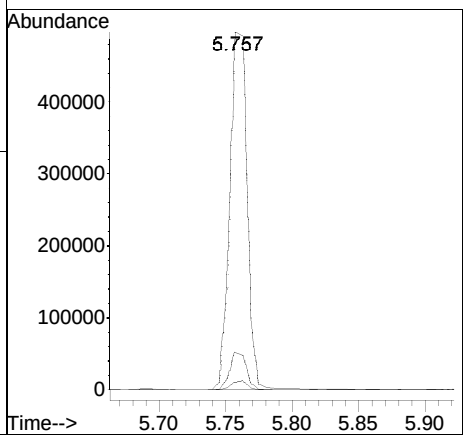


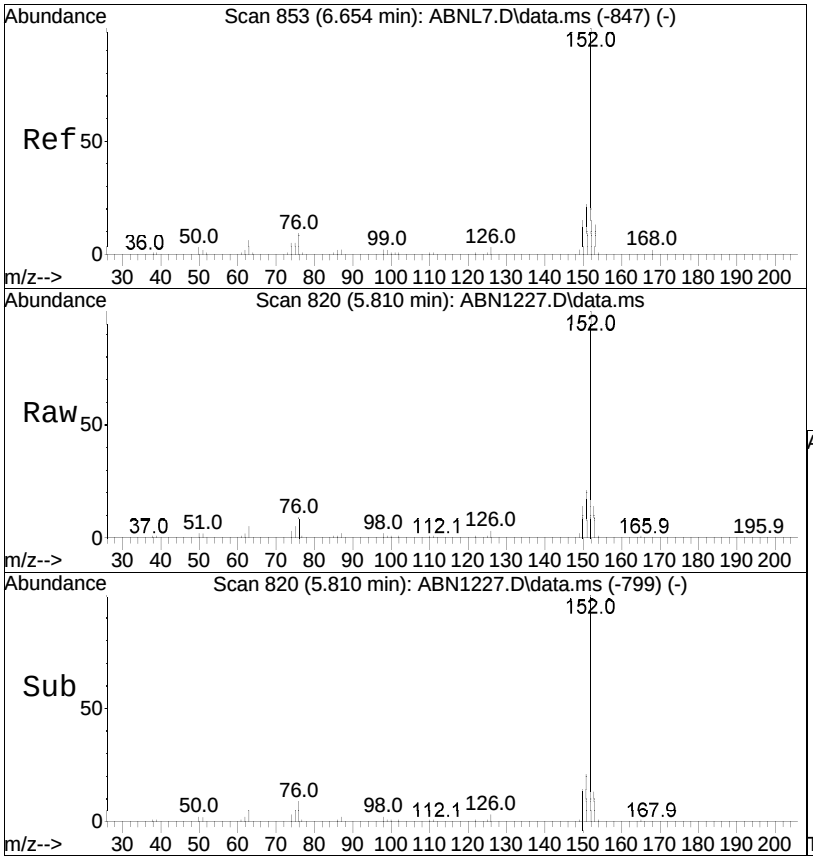


#51
Dimethyl phthalate
Concen: 43.19 ug/ml
RT: 5.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:163 Resp: 445715

Ion	Ratio	Lower	Upper
163	100		
194	2.4	2.0	3.0
164	10.2	8.6	12.8

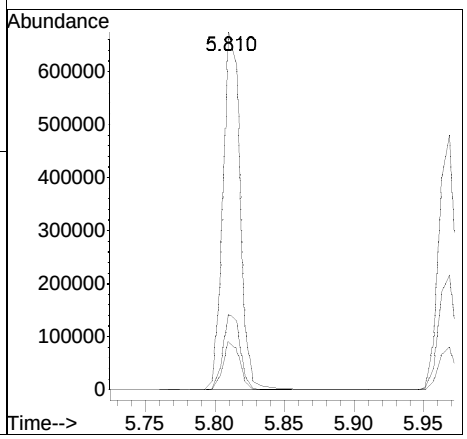


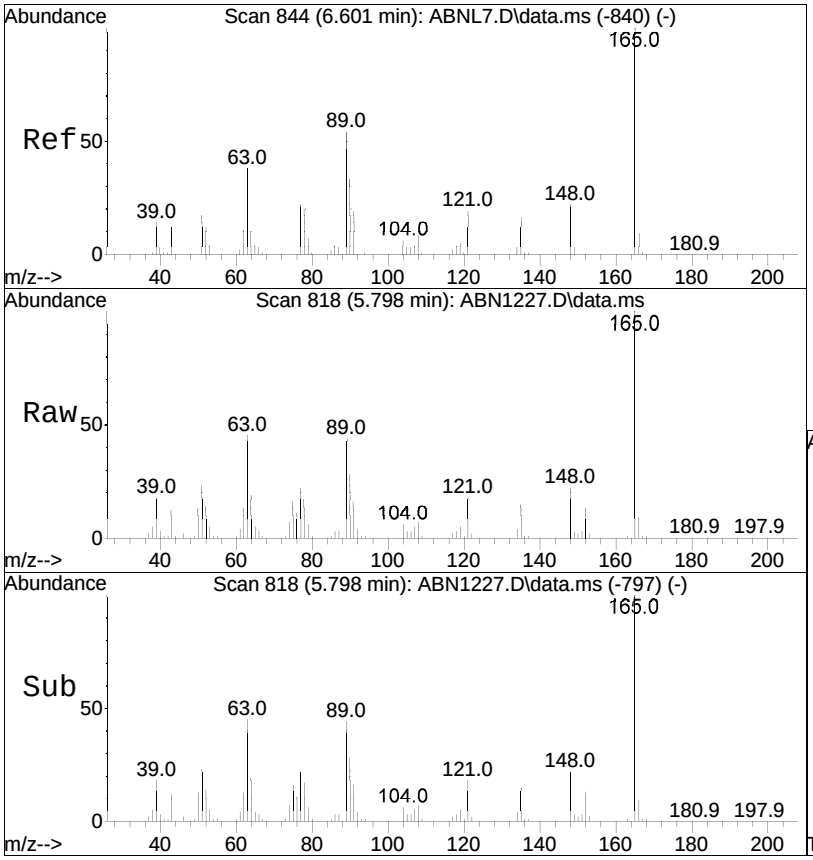


#52
Acenaphthylene
Concen: 43.10 ug/ml
RT: 5.810 min Scan# 820
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:152 Resp: 591093

Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.5	26.3
153	13.2	11.3	16.9

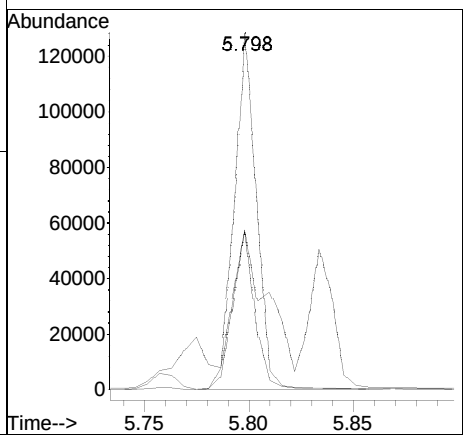


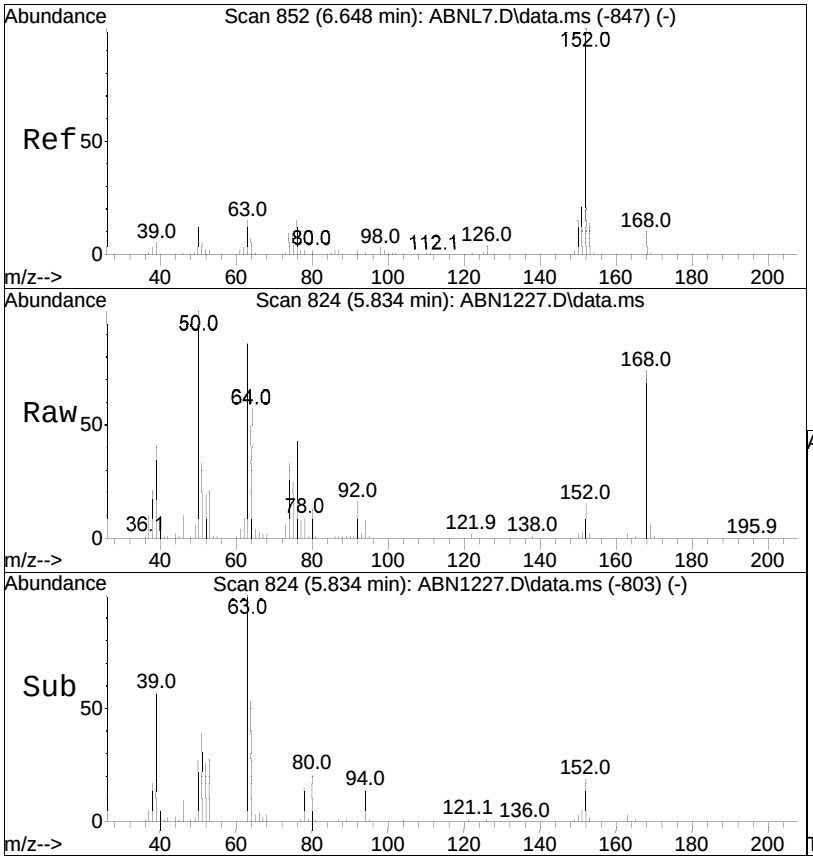


#53
2,6-Dinitrotoluene
Concen: 50.25 ug/ml
RT: 5.798 min Scan# 818
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:165 Resp: 94619

Ion	Ratio	Lower	Upper
165	100		
89	44.3	39.0	58.6
63	69.6	38.5	57.7#

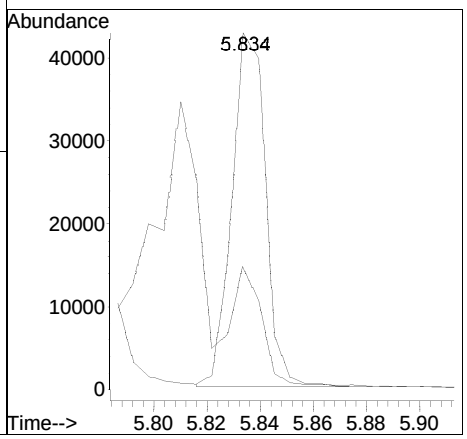


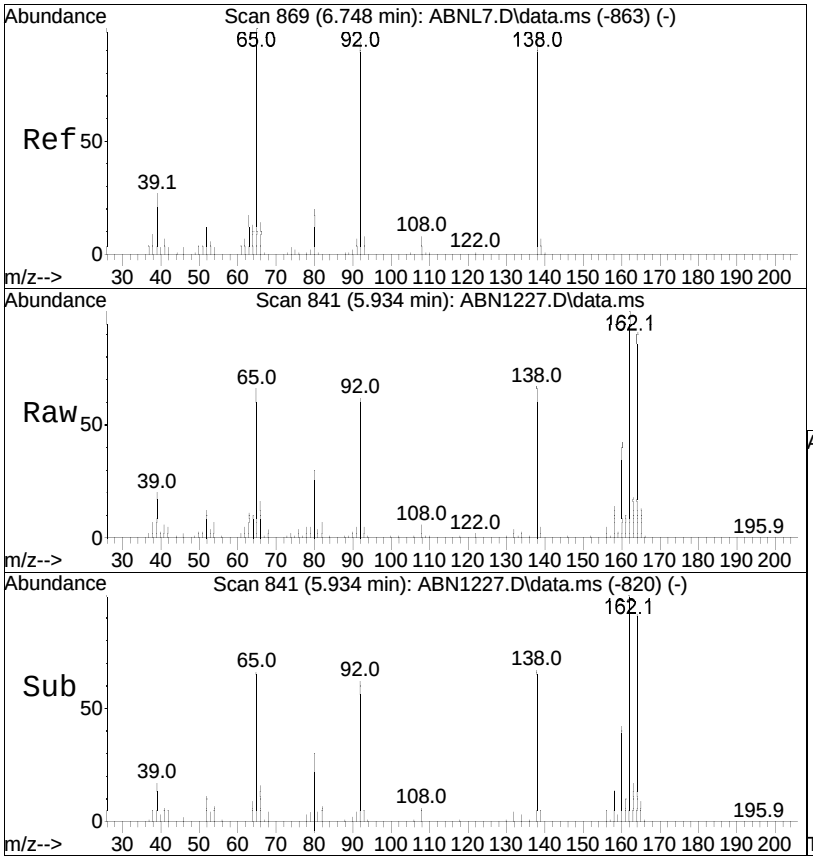


#54
1,2-Dinitrobenzene
Concen: 49.92 ug/ml
RT: 5.834 min Scan# 824
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:168 Resp: 37622

Ion	Ratio	Lower	Upper
168	100		
75	26.7	90.4	135.6#

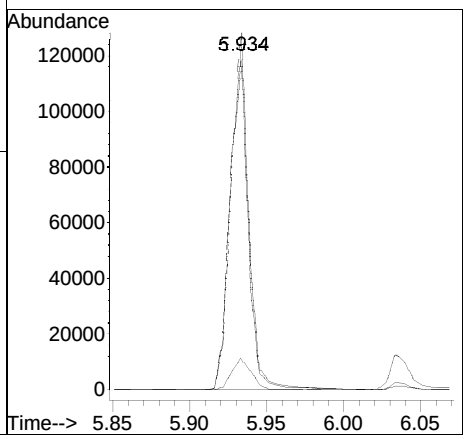


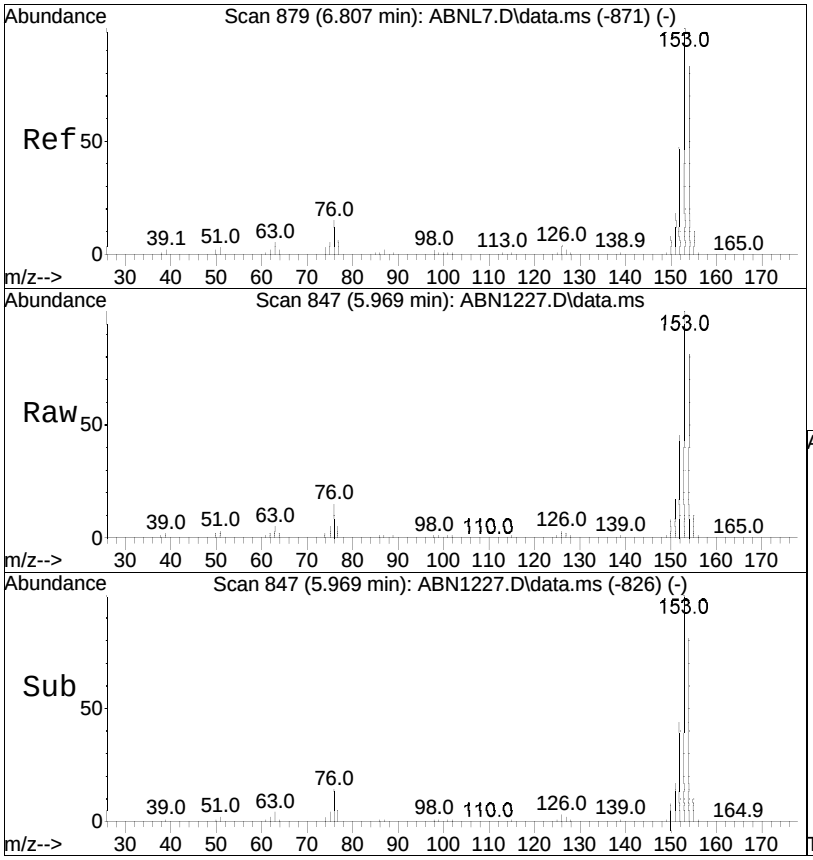


#64
3-Nitroaniline
Concen: 56.14 ug/ml
RT: 5.934 min Scan# 841
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:138 Resp: 103360

Ion	Ratio	Lower	Upper
138	100		
92	92.7	80.2	120.4
108	10.2	7.2	10.8

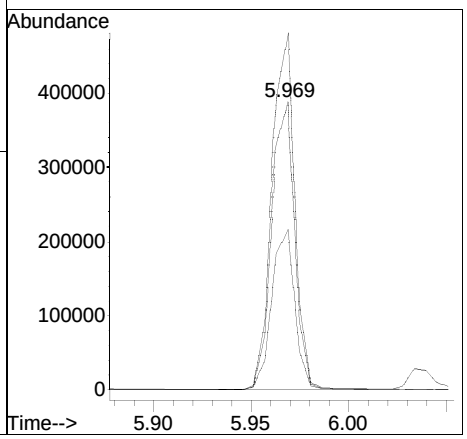


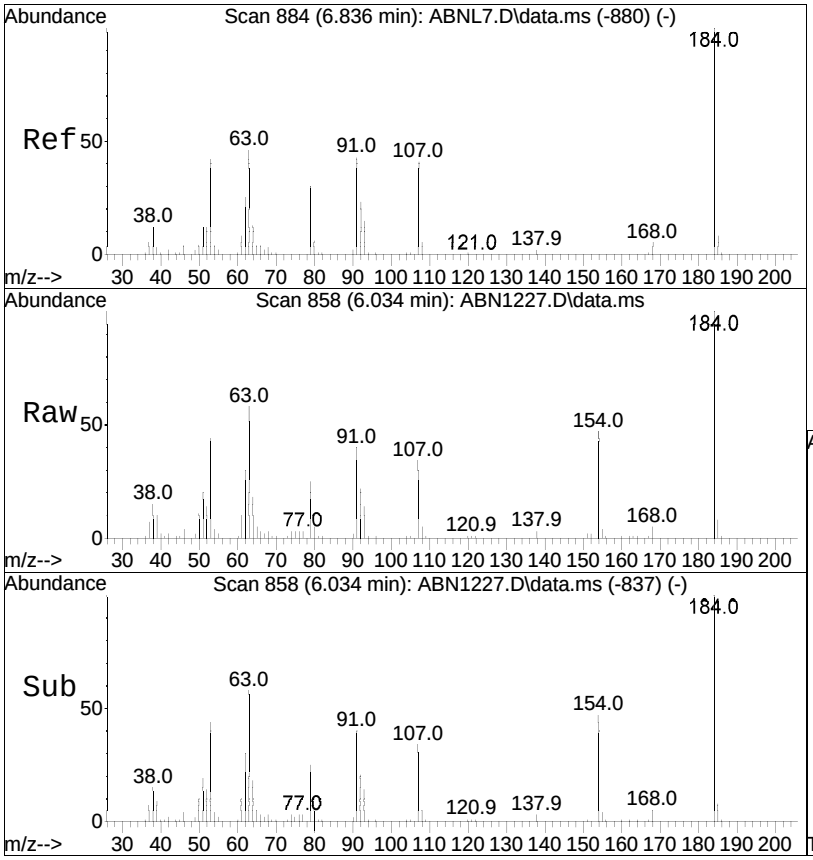


#65
Acenaphthene
Concen: 44.37 ug/ml
RT: 5.969 min Scan# 847
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:154 Resp: 318957

Ion	Ratio	Lower	Upper
154	100		
153	123.6	95.8	143.8
152	56.2	46.3	69.5

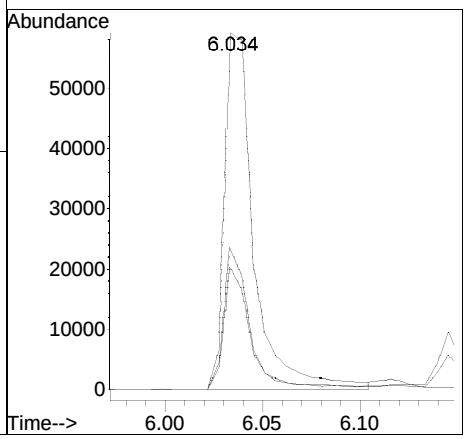


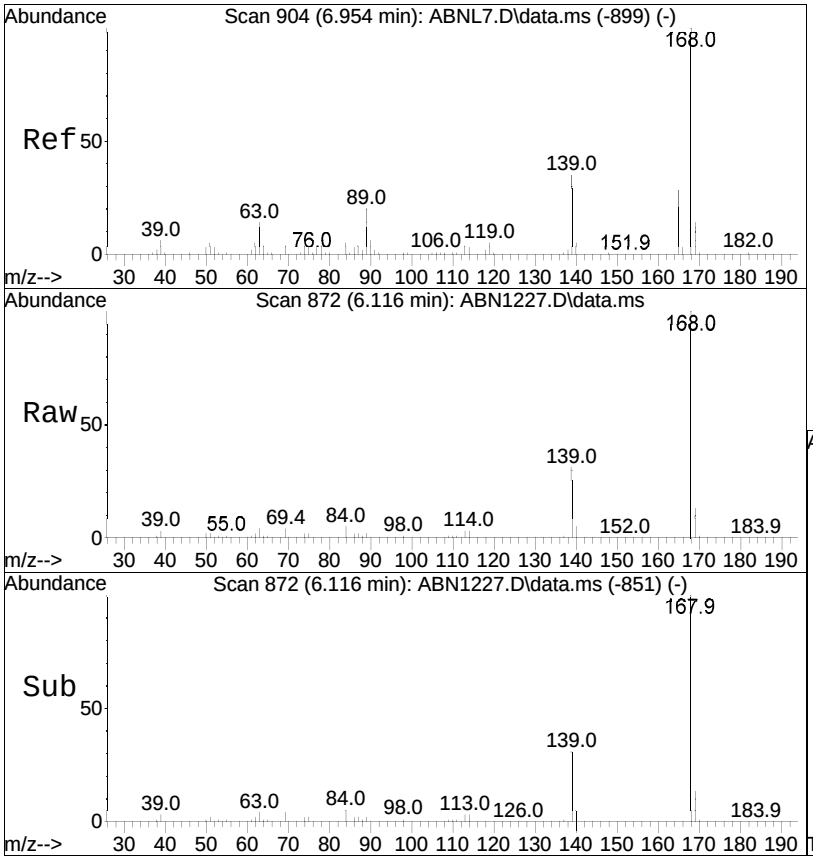


#66
2,4-Dinitrophenol
Concen: 65.34 ug/ml
RT: 6.034 min Scan# 858
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:184 Resp: 61903

Ion	Ratio	Lower	Upper
184	100		
107	32.0	32.2	48.2#
91	36.5	36.4	54.6

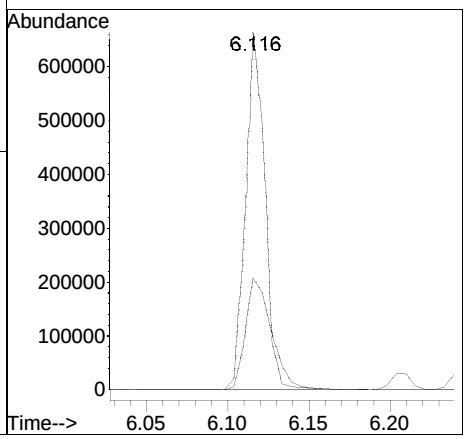


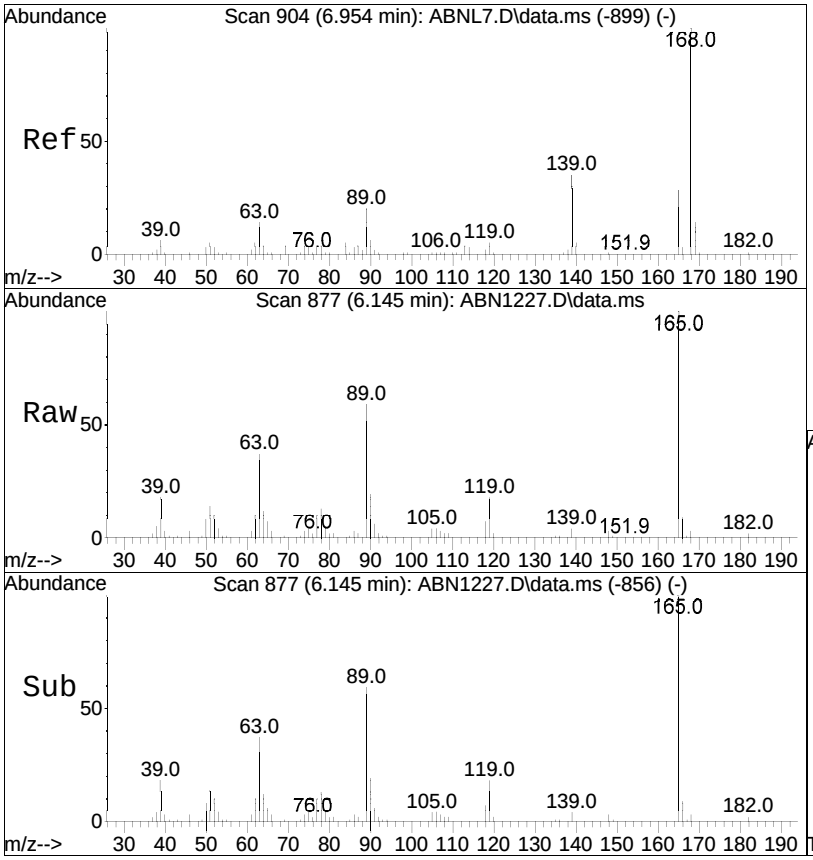


#67
Dibenzofuran
Concen: 44.44 ug/ml
RT: 6.116 min Scan# 872
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:168 Resp: 538573

Ion	Ratio	Lower	Upper
168	100		
139	43.7	44.5	66.7#

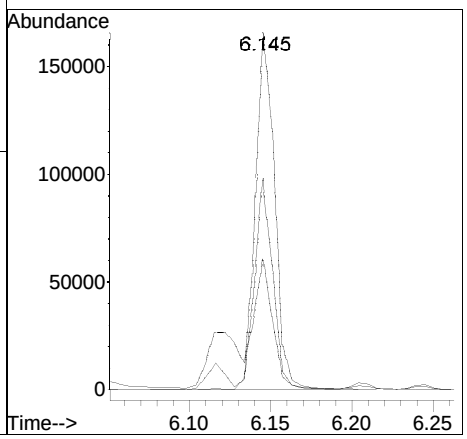


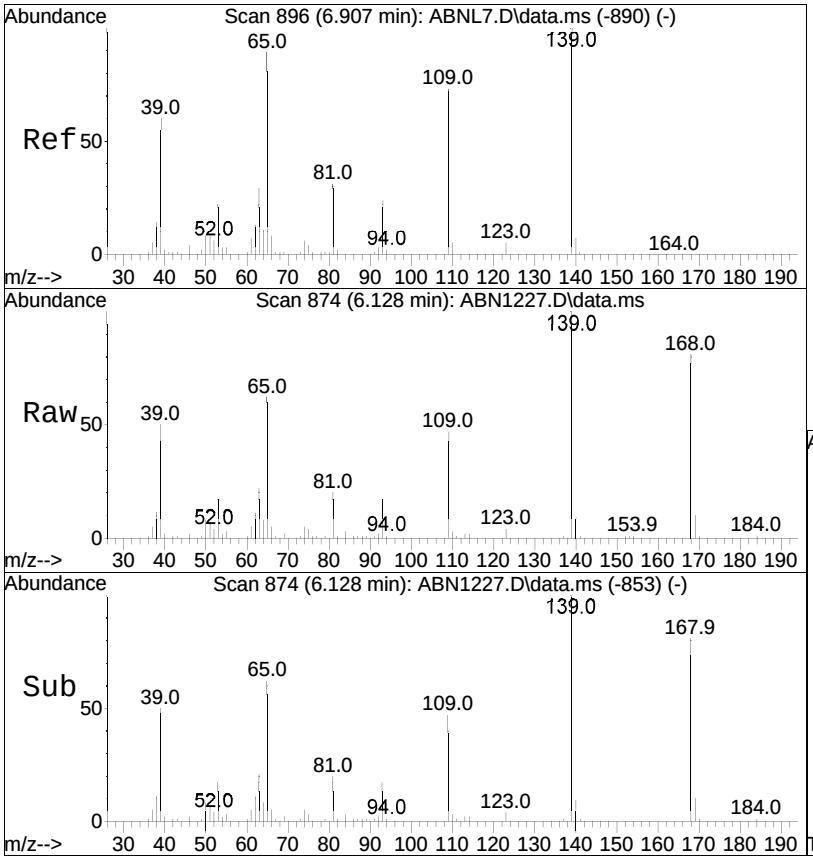


#68
2,4-Dinitrotoluene
Concen: 56.42 ug/ml
RT: 6.145 min Scan# 877
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:165 Resp: 135319

Ion	Ratio	Lower	Upper
165	100		
89	55.3	58.8	88.2#
63	34.3	56.5	84.7#

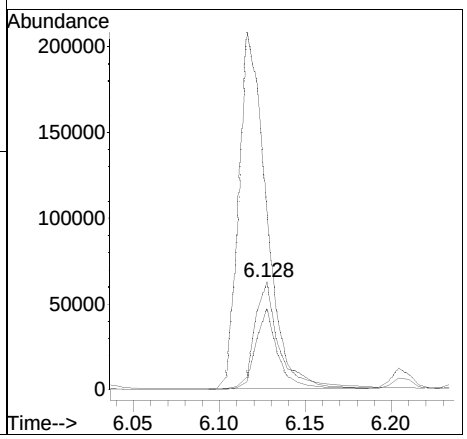


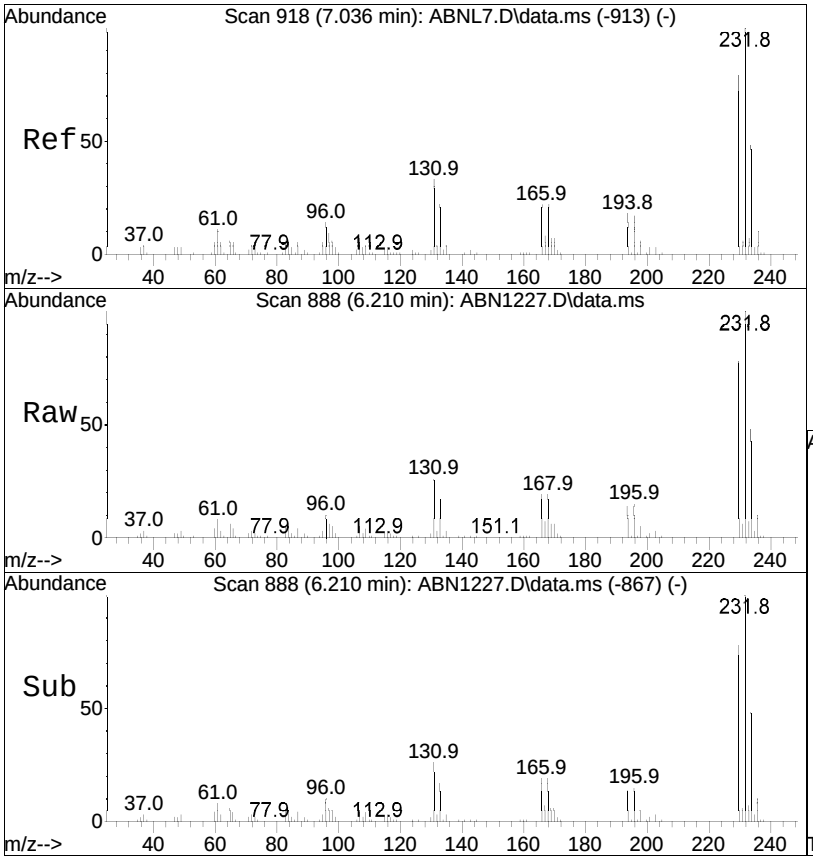


#69
4-Nitrophenol
Concen: 54.64 ug/ml
RT: 6.128 min Scan# 874
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion: 65 Resp: 63069

Ion	Ratio	Lower	Upper
65	100		
109	69.1	52.0	78.0
139	373.5	268.1	402.1

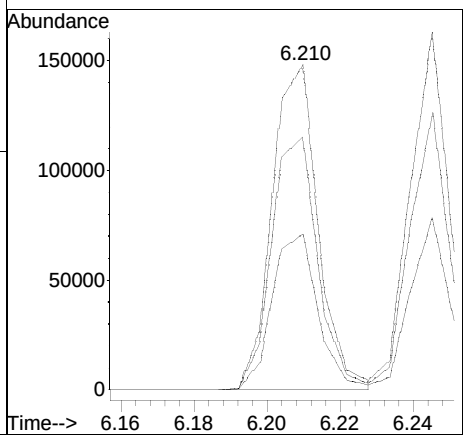


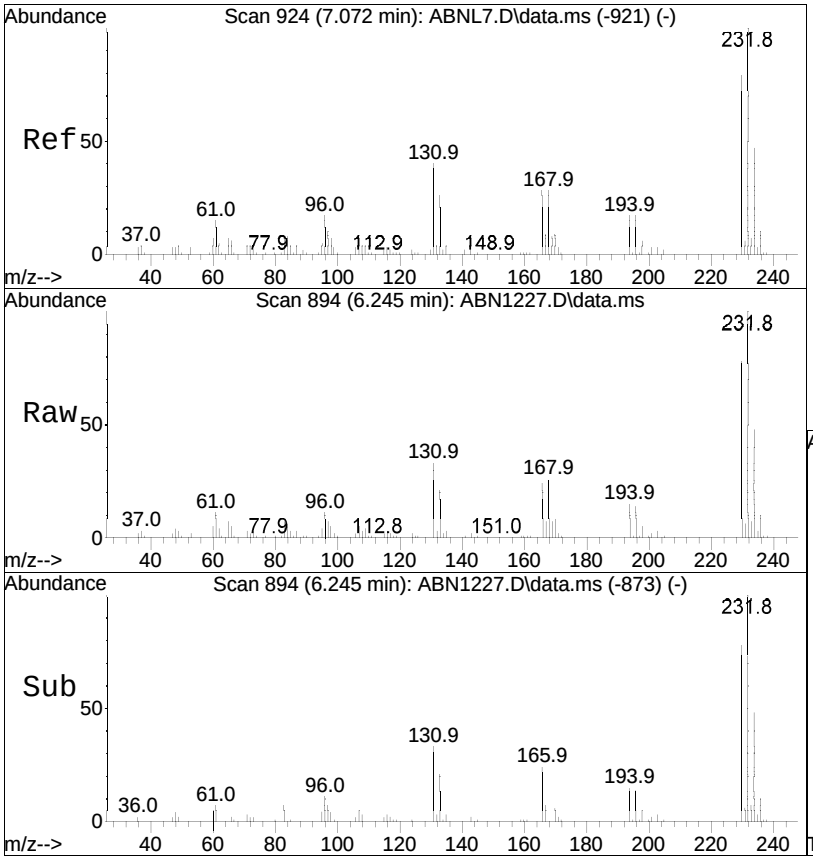


#70
2,3,5,6-Tetrachlorophenol
Concen: 44.94 ug/ml
RT: 6.210 min Scan# 888
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:232 Resp: 129239

Ion	Ratio	Lower	Upper
232	100		
230	78.6	62.8	94.2
234	48.2	38.6	58.0

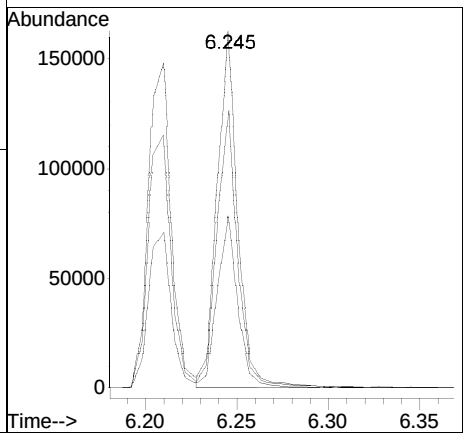


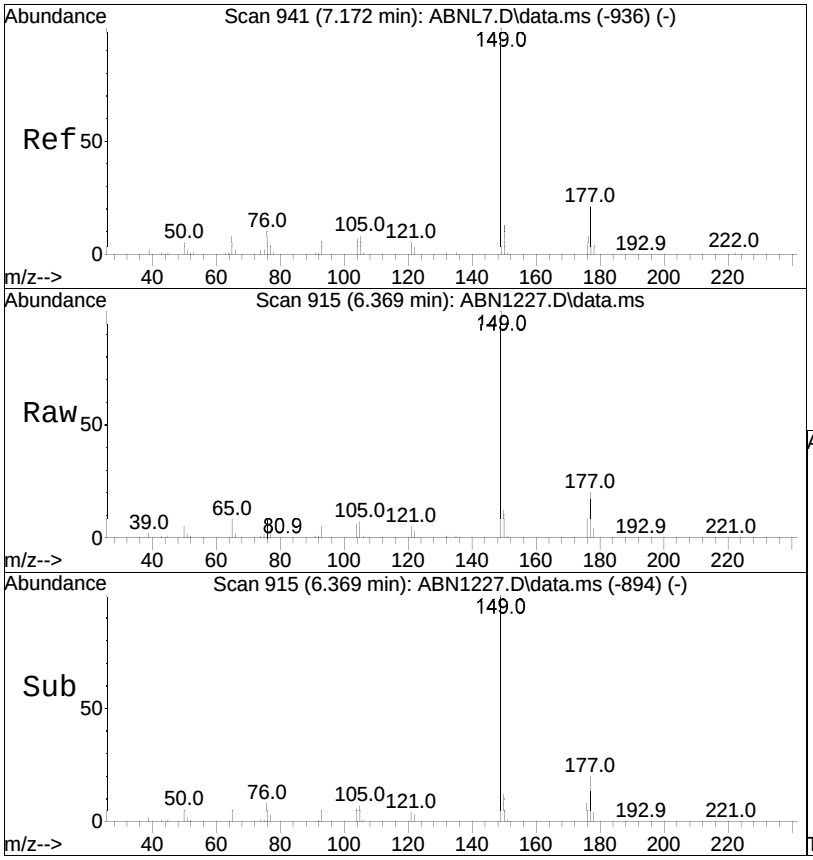


#71
2,3,4,6-Tetrachlorophenol
Concen: 42.84 ug/ml
RT: 6.245 min Scan# 894
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:232 Resp: 126563

Ion	Ratio	Lower	Upper
232	100		
230	78.8	62.9	94.3
234	48.4	38.1	57.1

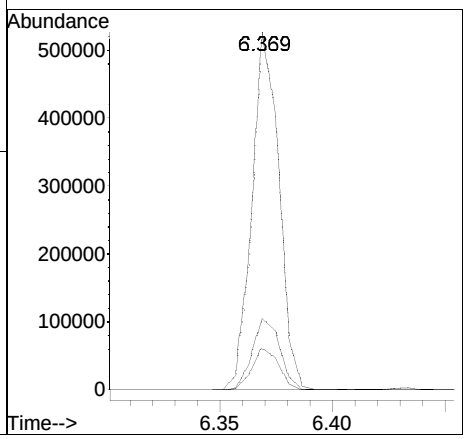


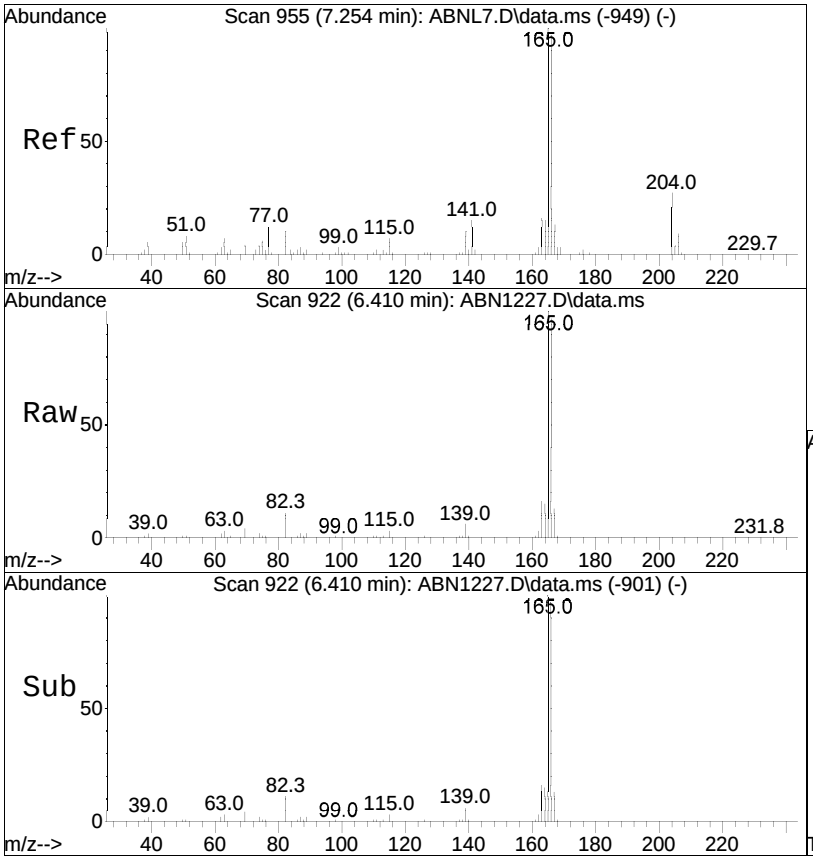


#72
Diethyl phthalate
Concen: 48.68 ug/ml
RT: 6.369 min Scan# 915
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:149 Resp: 434652

Ion	Ratio	Lower	Upper
149	100		
177	20.7	16.2	24.4
150	11.8	9.9	14.9

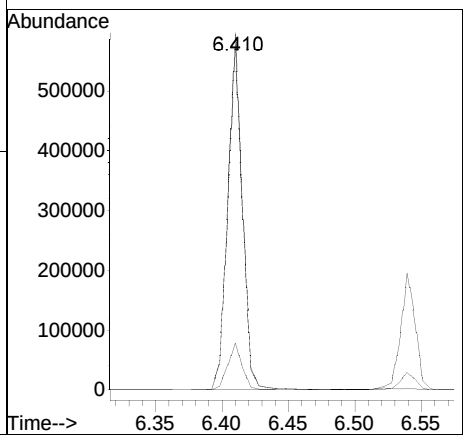


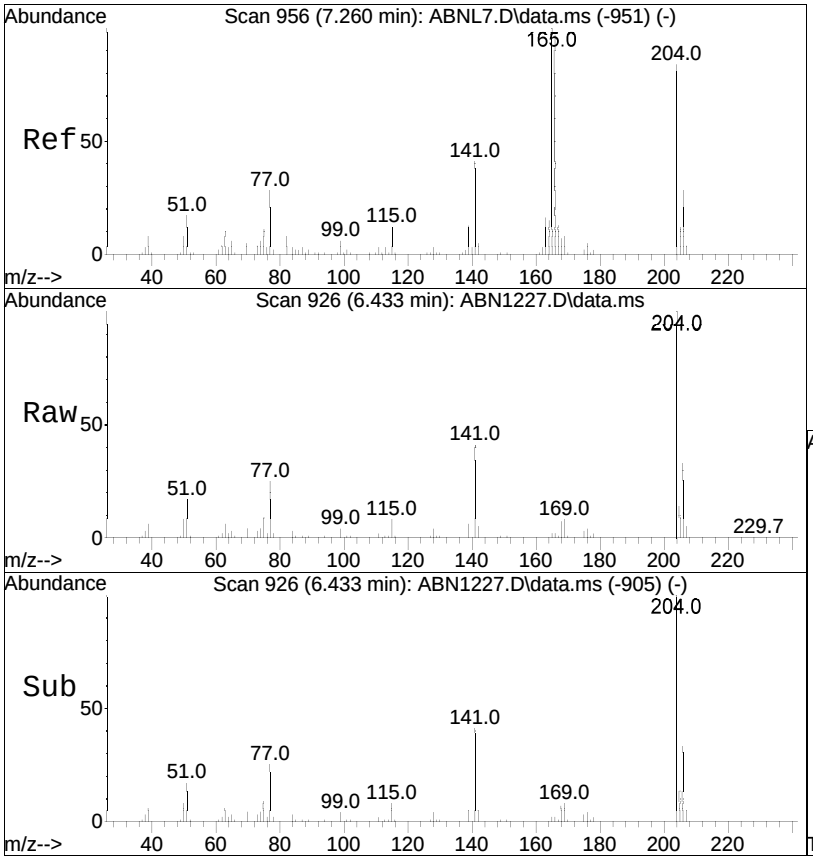


#73
Fluorene
Concen: 45.92 ug/ml
RT: 6.410 min Scan# 922
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:166 Resp: 439949

Ion	Ratio	Lower	Upper
166	100		
165	103.1	82.5	123.7
167	13.6	11.3	16.9

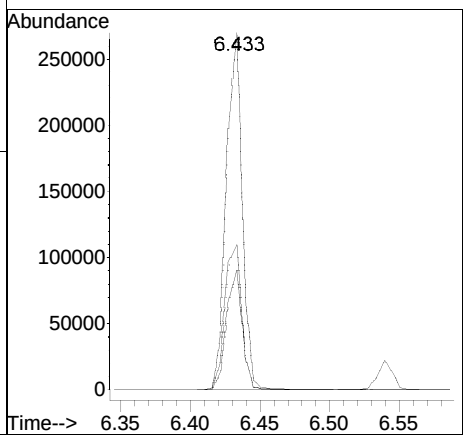


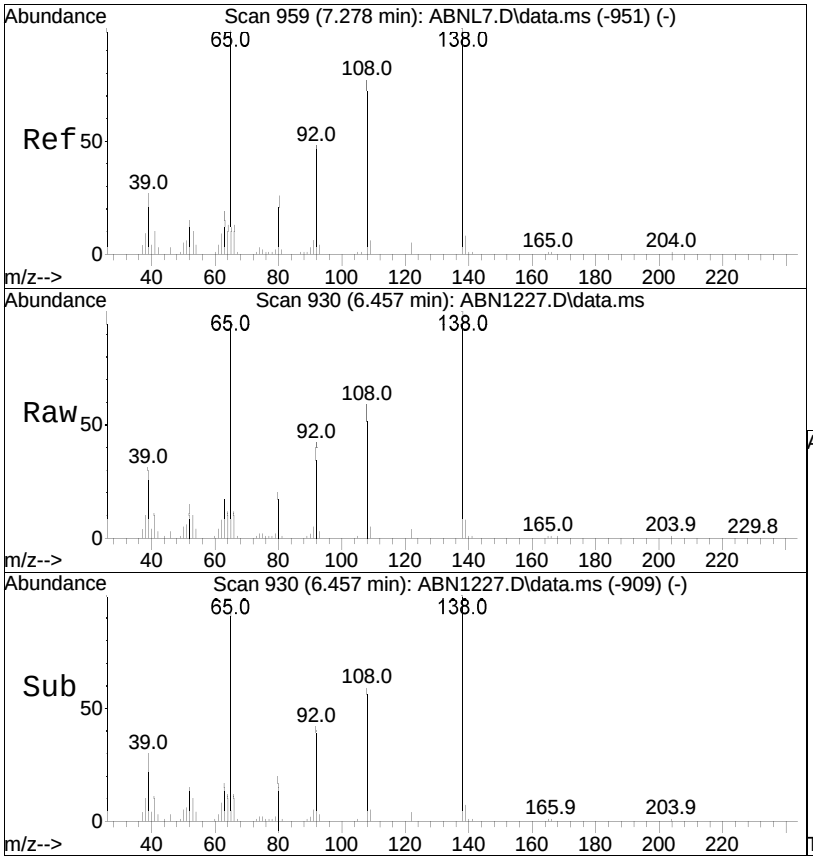


#74
4-Chlorophenyl phenyl ether
Concen: 40.75 ug/ml
RT: 6.433 min Scan# 926
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:204 Resp: 212062

Ion	Ratio	Lower	Upper
204	100		
206	33.4	27.1	40.7
141	43.4	46.6	70.0#

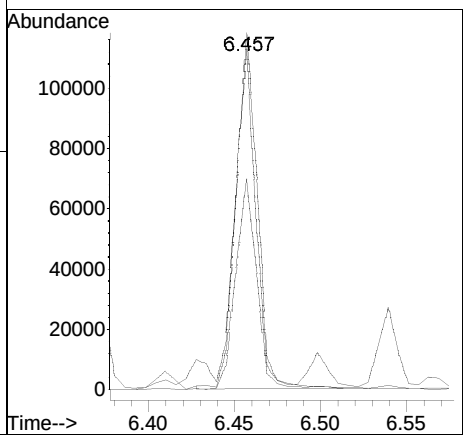


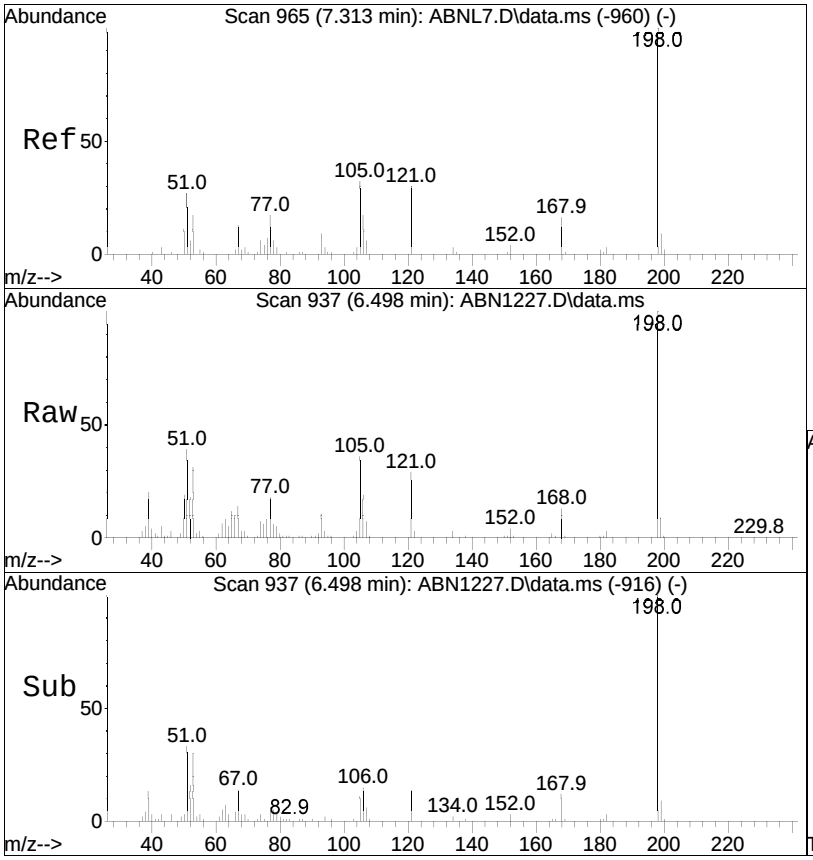


#75
4-Nitroaniline
Concen: 52.46 ug/ml
RT: 6.457 min Scan# 930
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:138 Resp: 101378

Ion	Ratio	Lower	Upper
138	100		
108	58.3	45.8	68.8
65	100.1	84.2	126.4

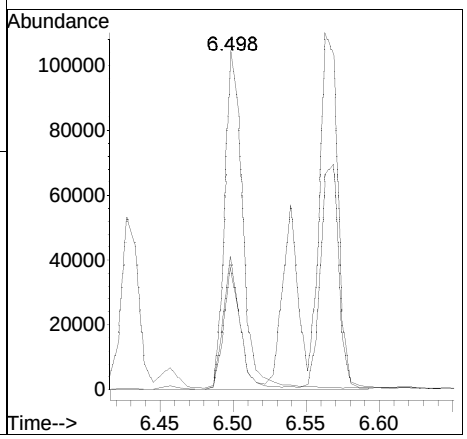


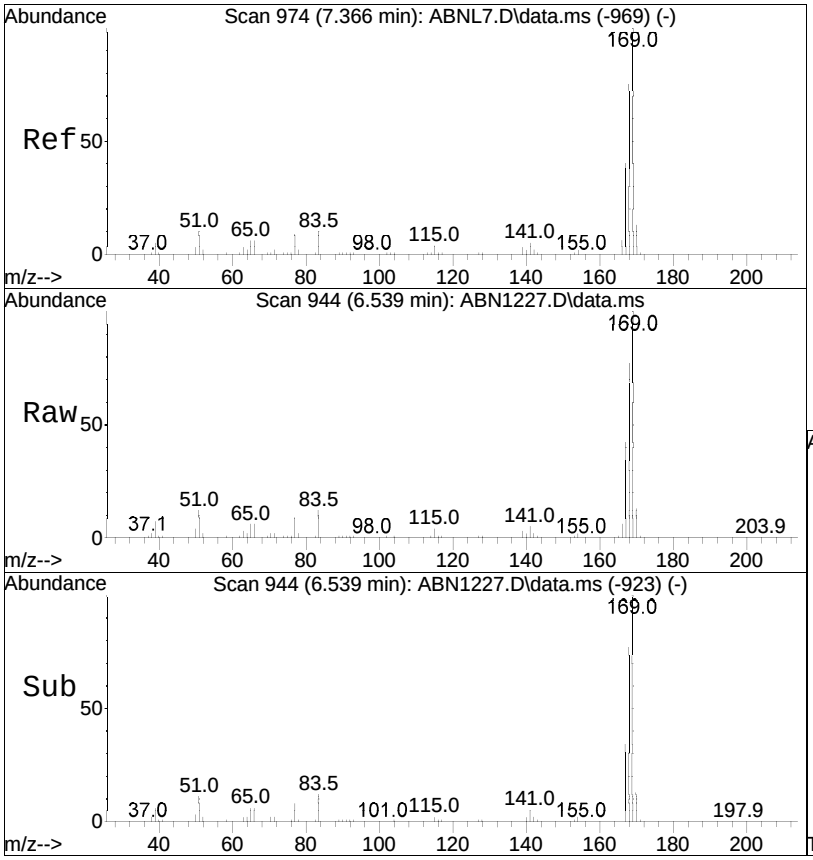


#76
4,6-Dinitro-o-cresol
Concen: 65.78 ug/ml
RT: 6.498 min Scan# 937
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:198 Resp: 91205

Ion	Ratio	Lower	Upper
198	100		
51	34.9	35.5	53.3#
105	33.4	35.8	53.6#

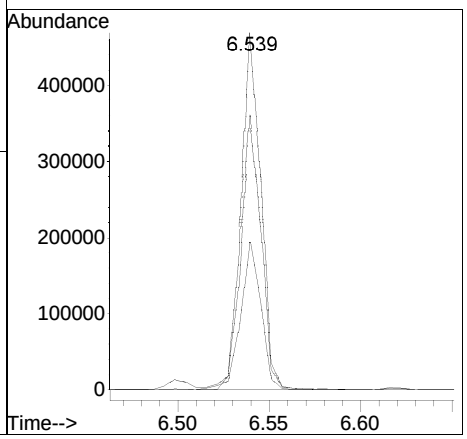


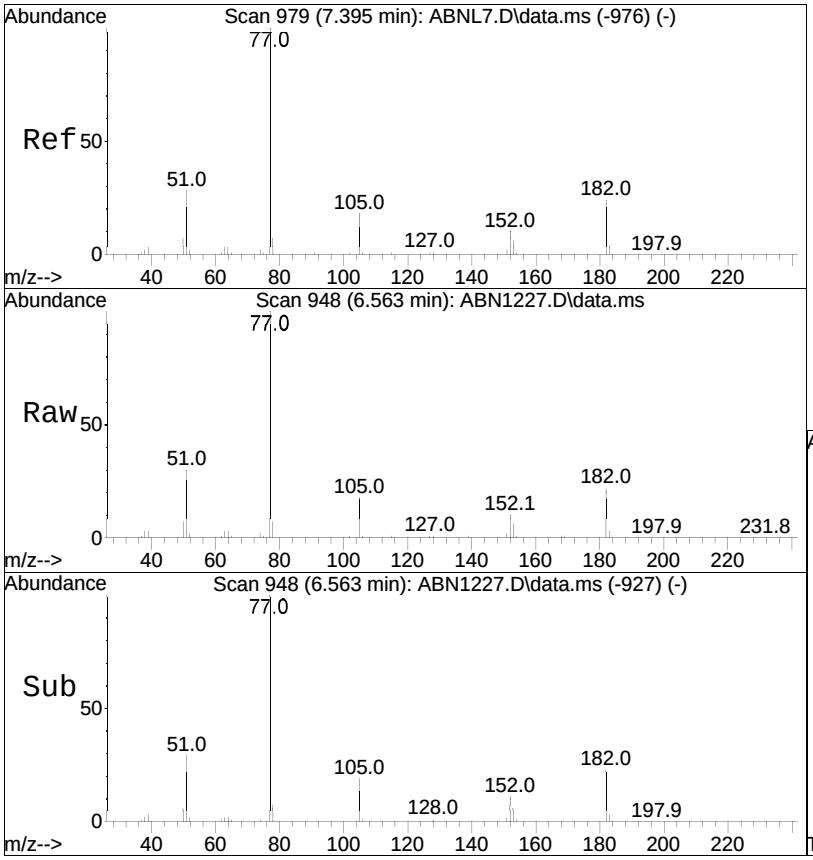


#77
NDPA/DPA
Concen: 42.54 ug/ml
RT: 6.539 min Scan# 944
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:169 Resp: 351876

Ion	Ratio	Lower	Upper
169	100		
168	78.1	59.7	89.5
167	43.1	33.6	50.4

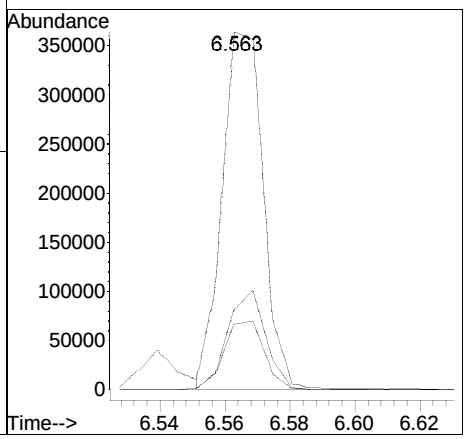


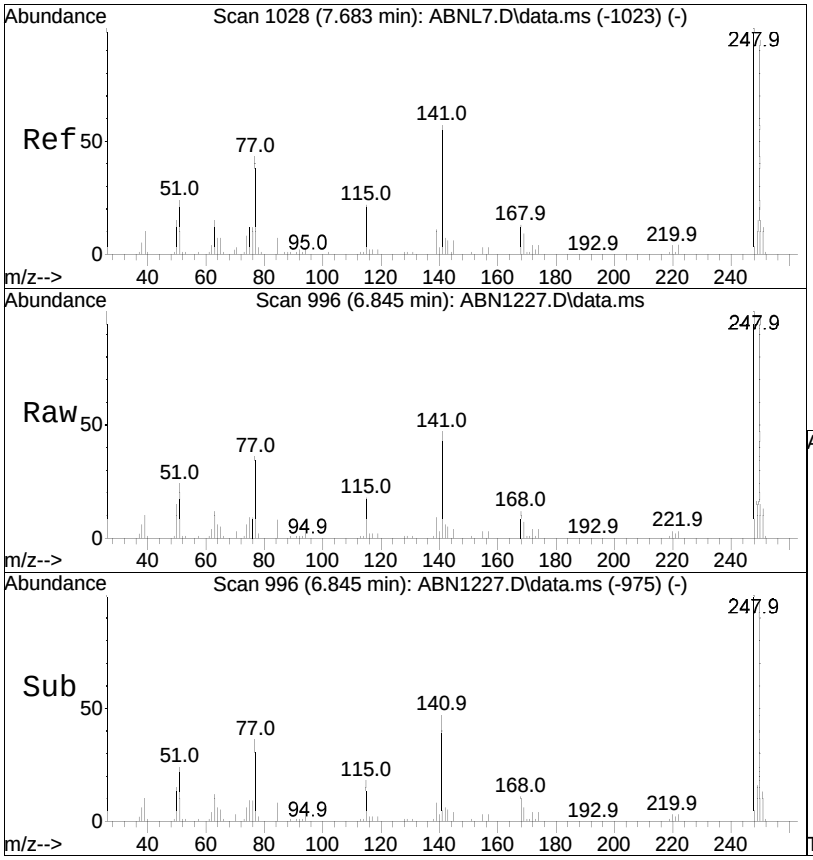


#78
Azobenzene
Concen: 52.24 ug/ml M6
RT: 6.563 min Scan# 948
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion: 77 Resp: 318716

Ion	Ratio	Lower	Upper
77	100		
182	26.1	19.0	28.6
105	19.0	18.9	28.3

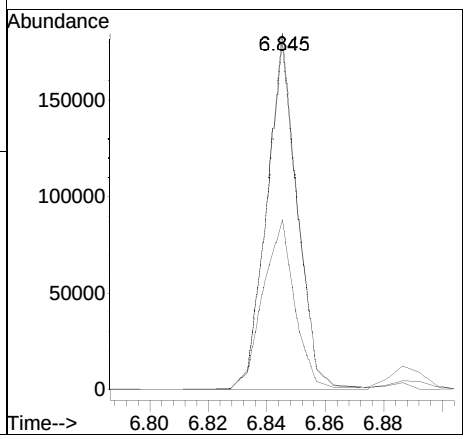


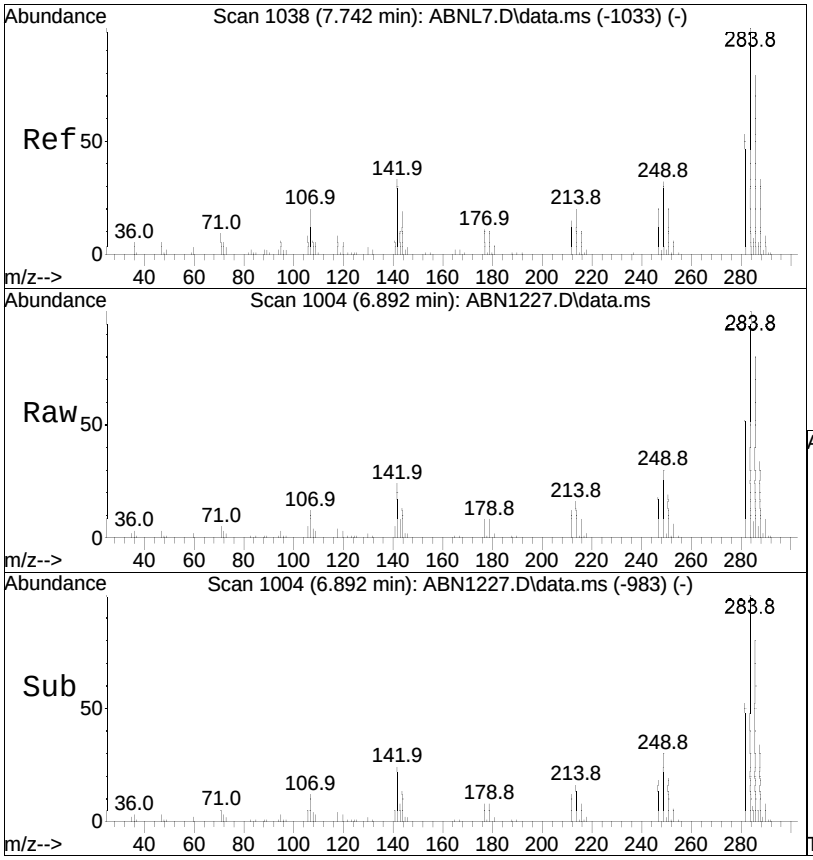


#80
4-Bromophenyl phenyl ether
Concen: 40.72 ug/ml
RT: 6.845 min Scan# 996
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:248 Resp: 133714

Ion	Ratio	Lower	Upper
248	100		
141	49.9	50.8	76.2#
250	98.1	78.1	117.1

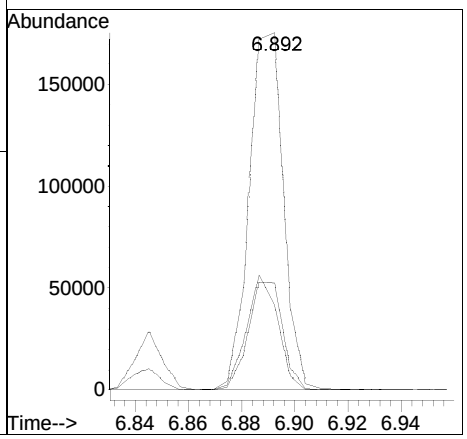


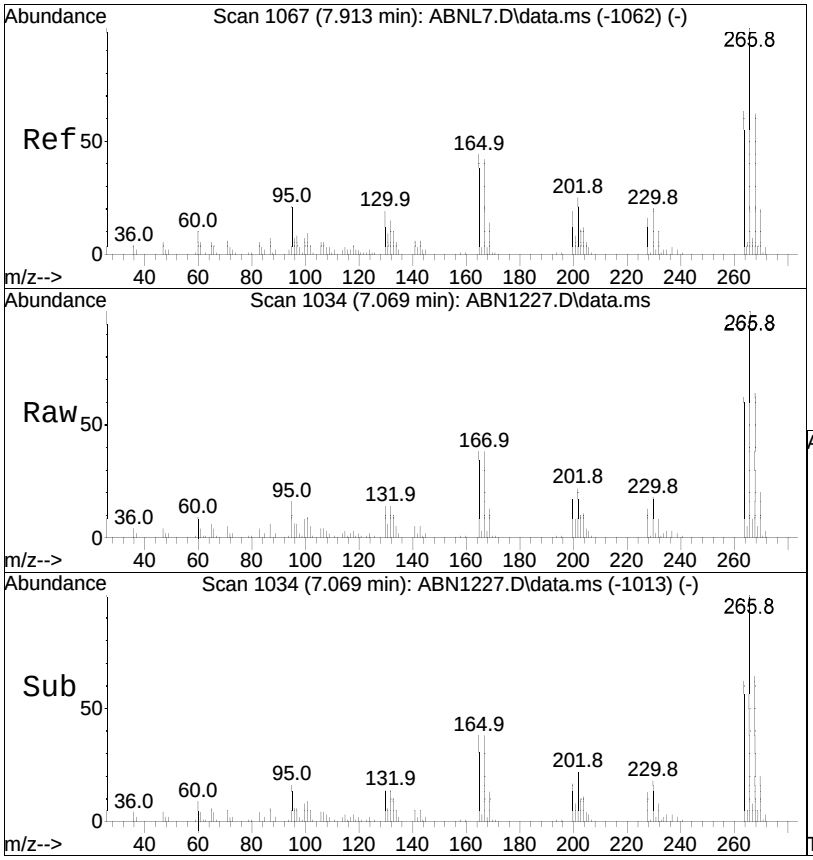


#81
Hexachlorobenzene
Concen: 43.15 ug/ml
RT: 6.892 min Scan# 1004
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:284 Resp: 157196

Ion	Ratio	Lower	Upper
284	100		
142	29.6	25.7	38.5
249	30.6	23.3	34.9

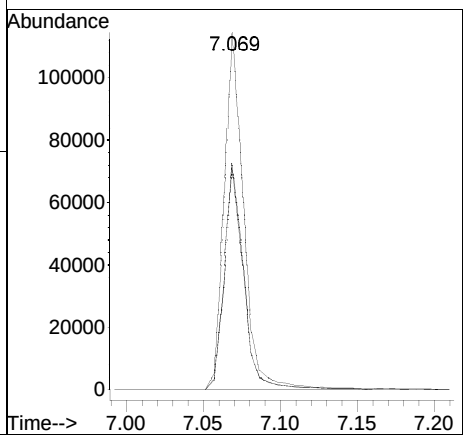


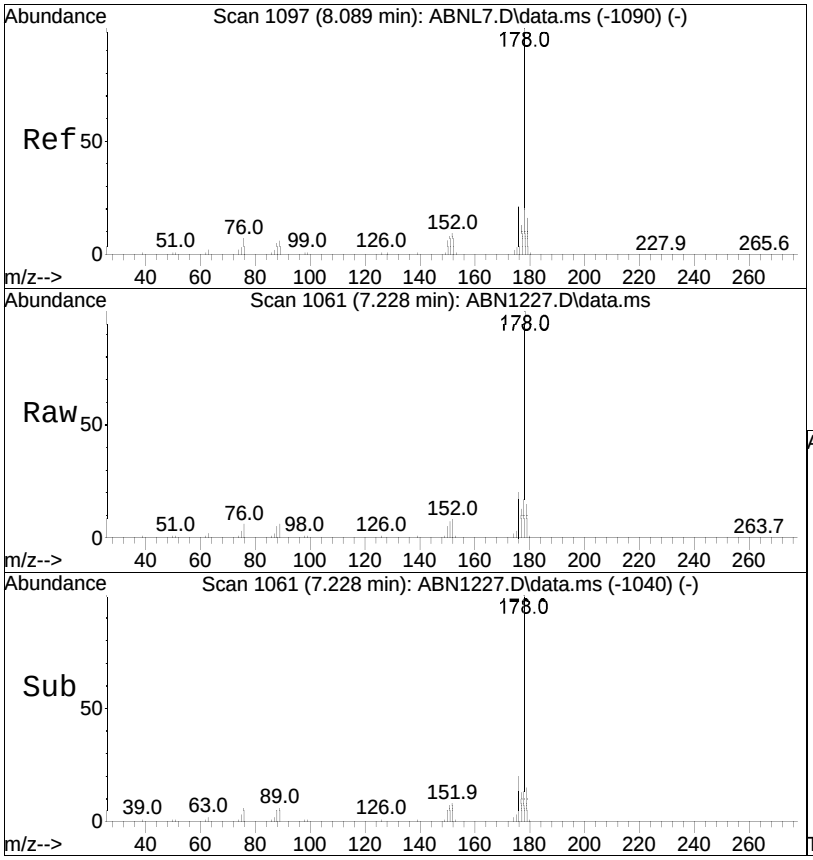


#82
Pentachlorophenol
Concen: 46.76 ug/ml
RT: 7.069 min Scan# 1034
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:266 Resp: 101046

Ion	Ratio	Lower	Upper
266	100		
264	62.4	50.4	75.6
268	63.2	49.9	74.9

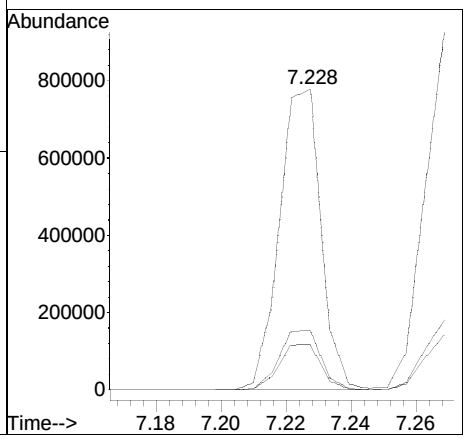


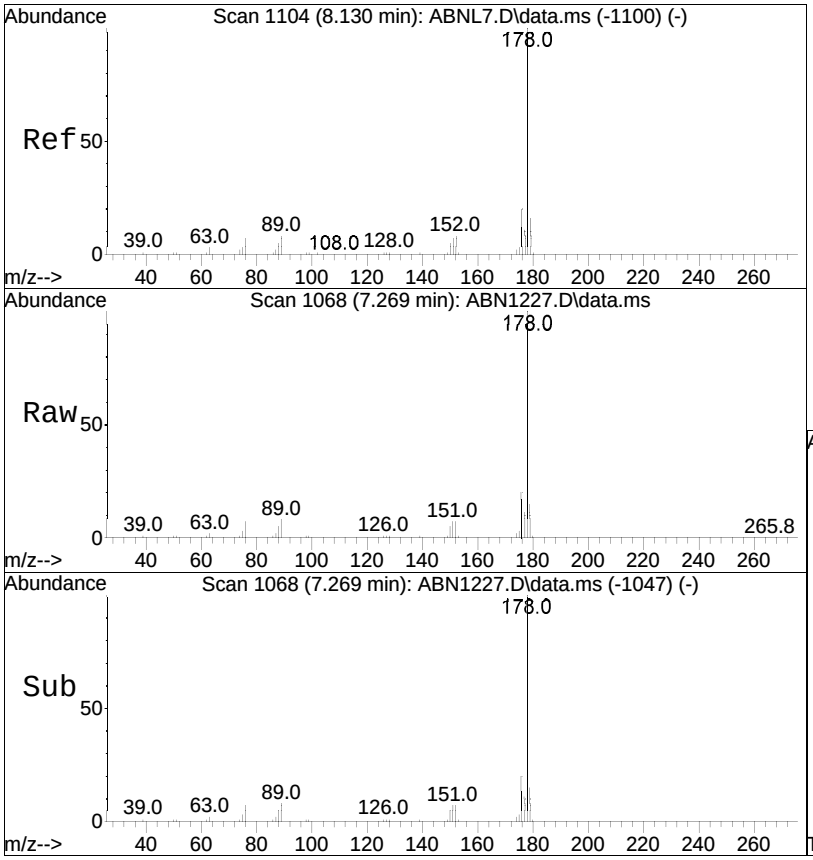


#89
Phenanthrene
Concen: 43.94 ug/ml
RT: 7.228 min Scan# 1061
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:178 Resp: 688566

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.3	19.9
176	20.0	16.9	25.3

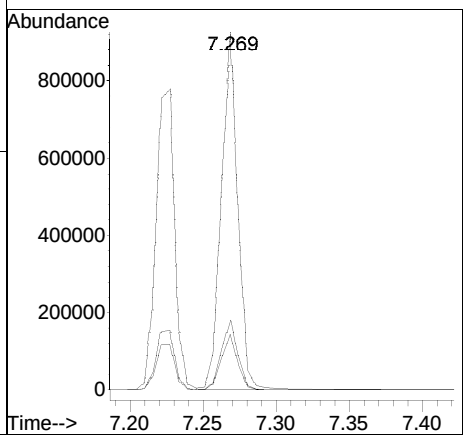


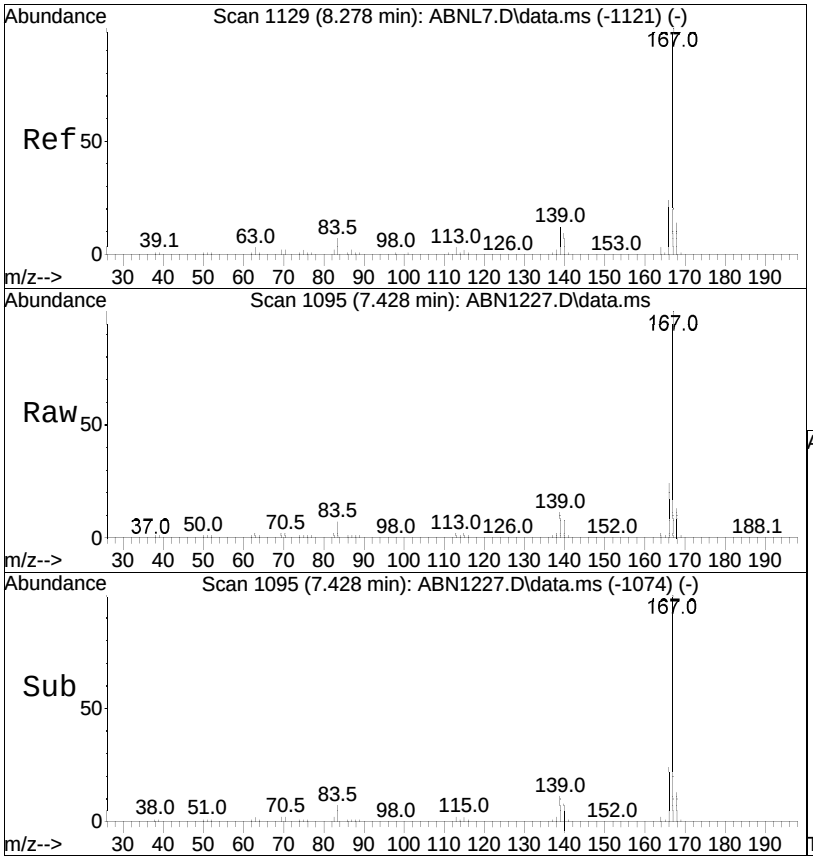


#90
Anthracene
Concen: 45.10 ug/ml
RT: 7.269 min Scan# 1068
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:178 Resp: 717806

Ion	Ratio	Lower	Upper
178	100		
179	15.6	13.1	19.7
176	19.8	16.3	24.5

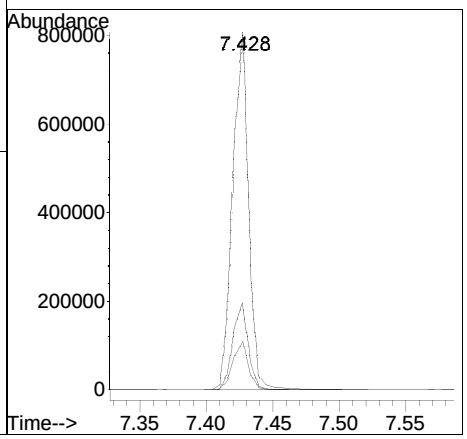


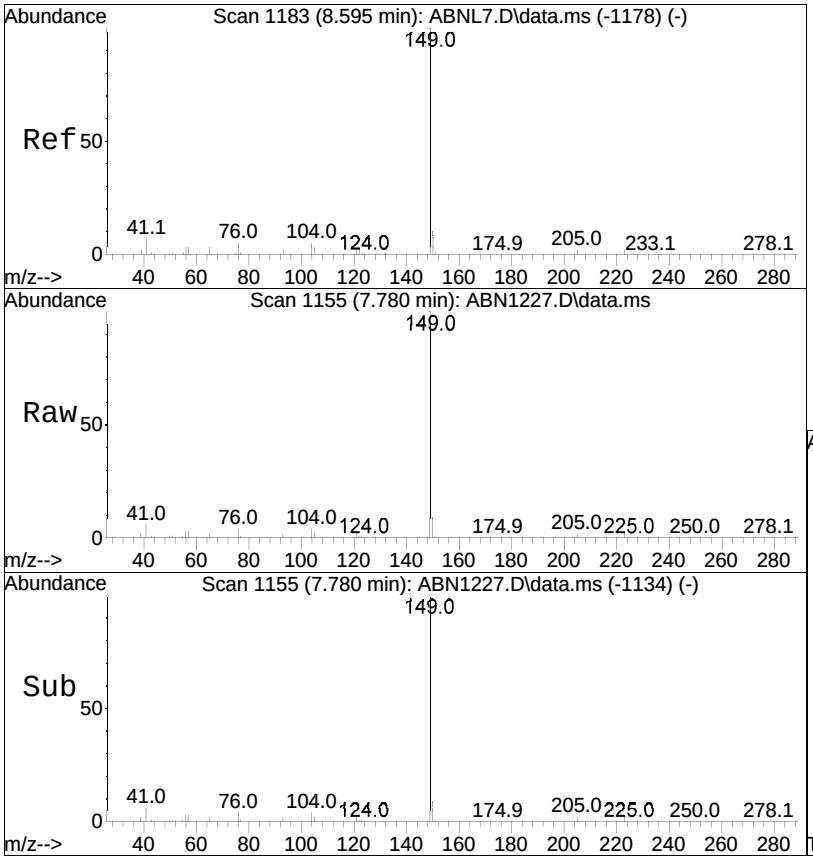


#91
Carbazole
Concen: 44.31 ug/ml
RT: 7.428 min Scan# 1095
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:167 Resp: 663772

Ion	Ratio	Lower	Upper
167	100		
168	13.7	11.6	17.4
166	24.1	19.9	29.9

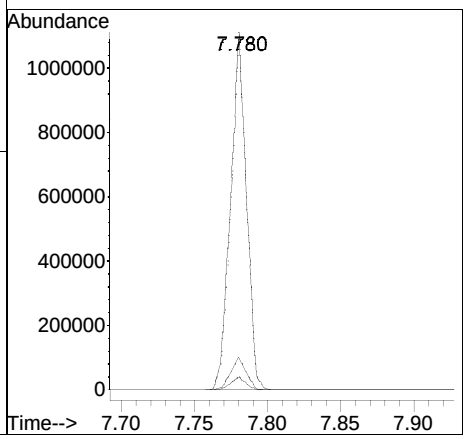


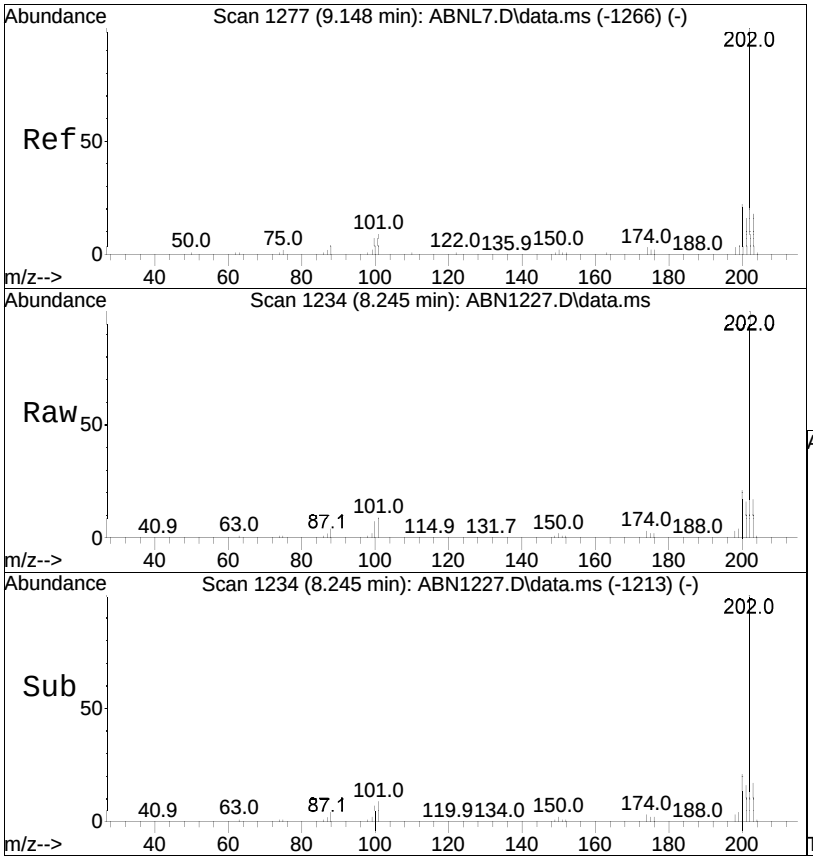


#92
Di-n-butylphthalate
Concen: 52.06 ug/ml
RT: 7.780 min Scan# 1155
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:149 Resp: 817227

Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.1	12.1
104	3.6	3.4	5.2

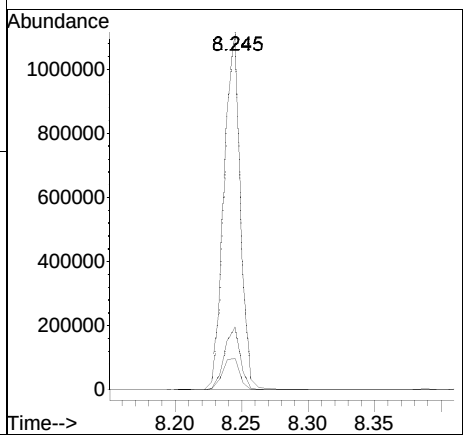


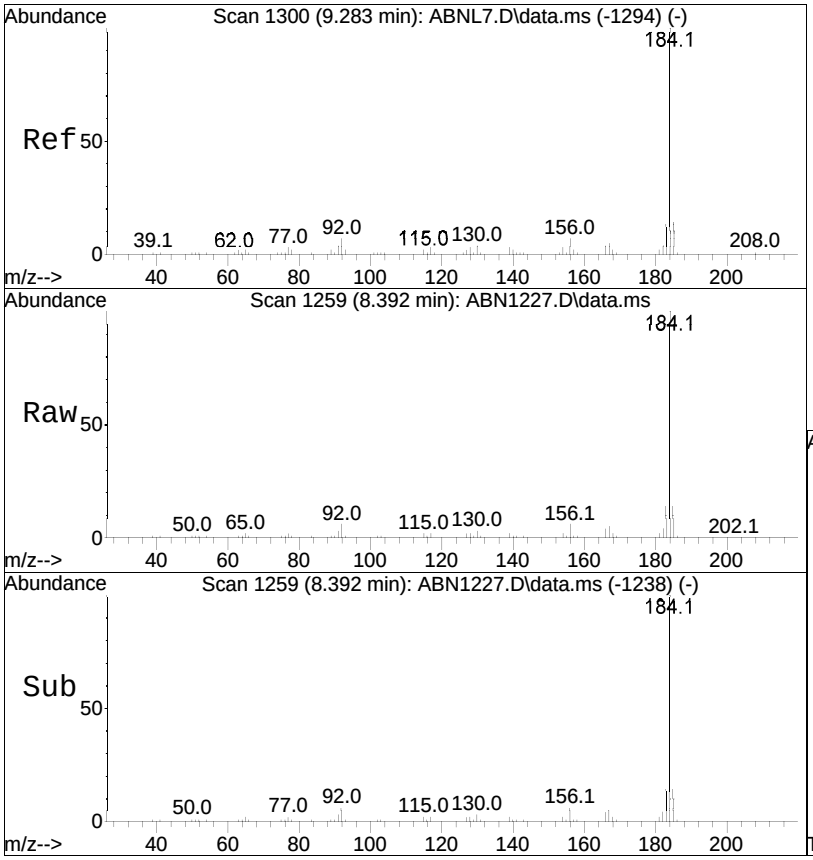


#93
Fluoranthene
Concen: 44.04 ug/ml
RT: 8.245 min Scan# 1234
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:202 Resp: 936224

Ion	Ratio	Lower	Upper
202	100		
101	9.5	11.5	17.3#
203	17.5	15.0	22.6

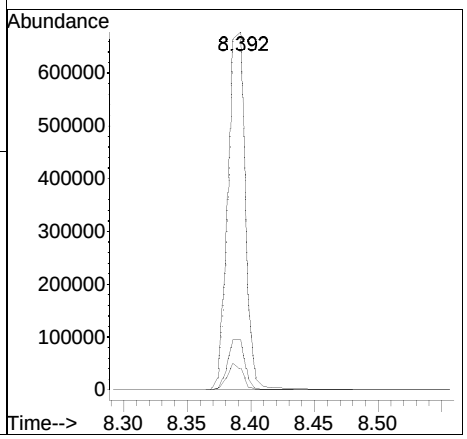


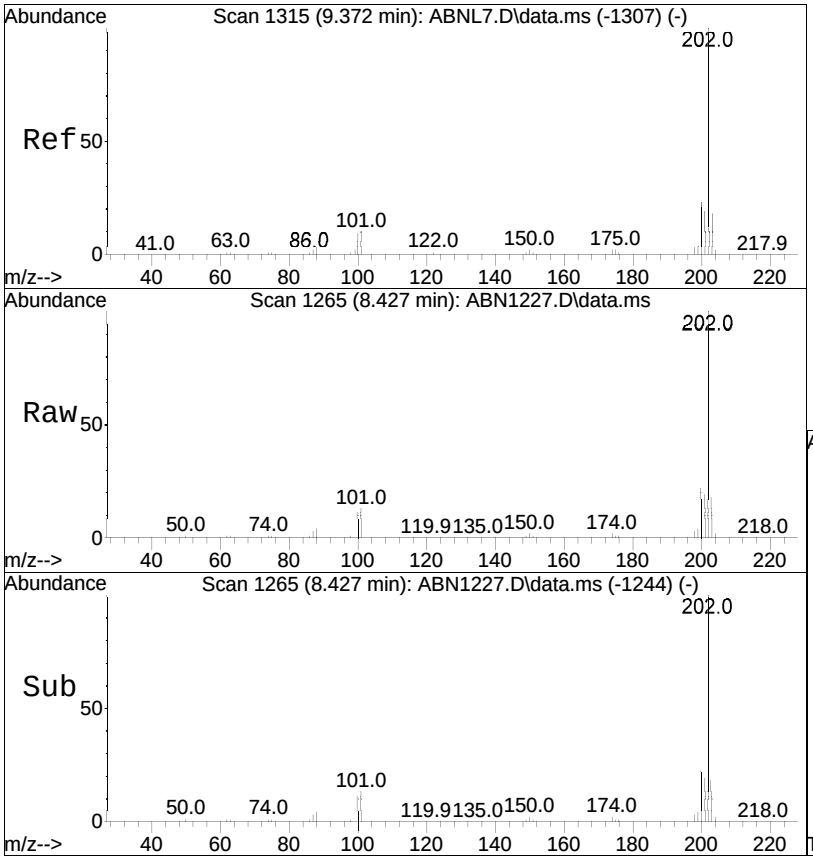


#94
Benzidine
Concen: 47.88 ug/ml
RT: 8.392 min Scan# 1259
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:184 Resp: 640402

Ion	Ratio	Lower	Upper
184	100		
92	6.8	7.4	11.2#
185	14.2	11.8	17.6

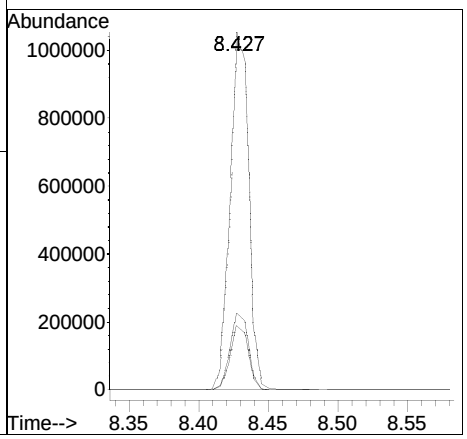


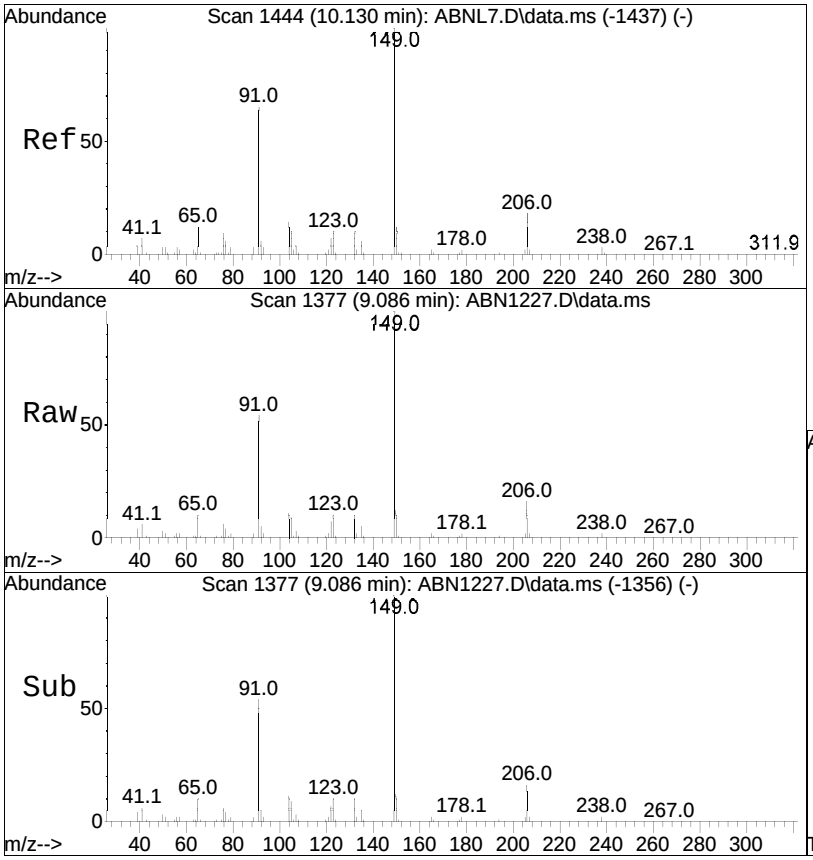


#95
Pyrene
Concen: 43.39 ug/ml
RT: 8.427 min Scan# 1265
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:202 Resp: 965135

Ion	Ratio	Lower	Upper
202	100		
200	21.5	18.5	27.7
203	17.7	15.5	23.3

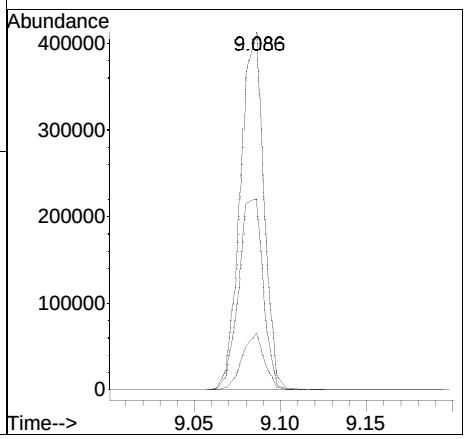


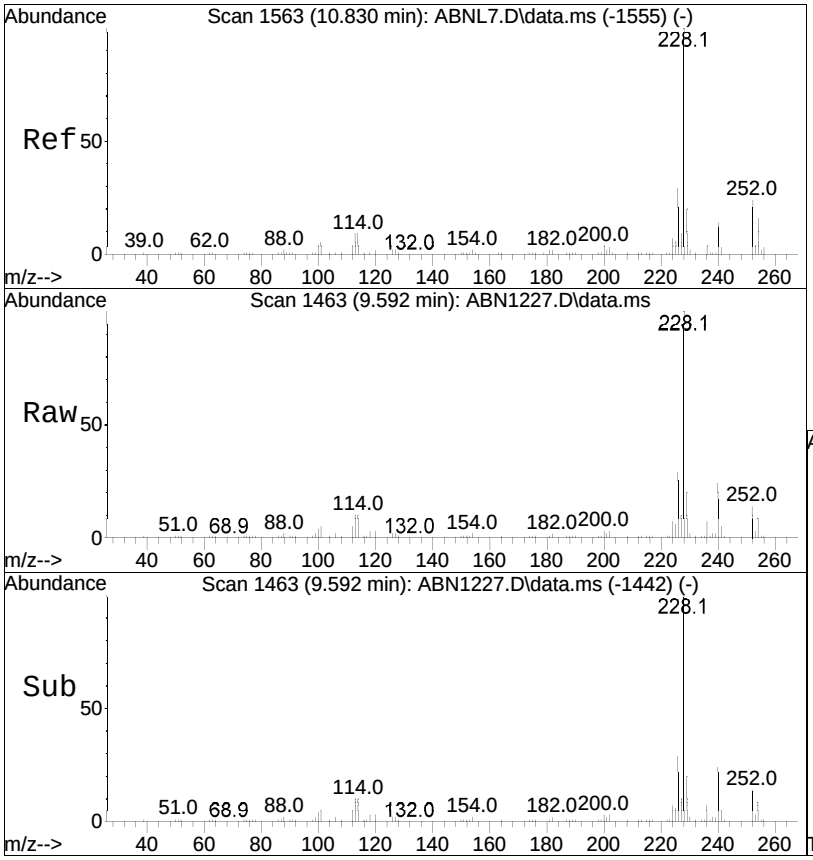


#97
Butyl benzyl phthalate
Concen: 54.63 ug/ml
RT: 9.086 min Scan# 1377
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:149 Resp: 388769

Ion	Ratio	Lower	Upper
149	100		
91	55.8	51.2	76.8
206	15.1	12.1	18.1

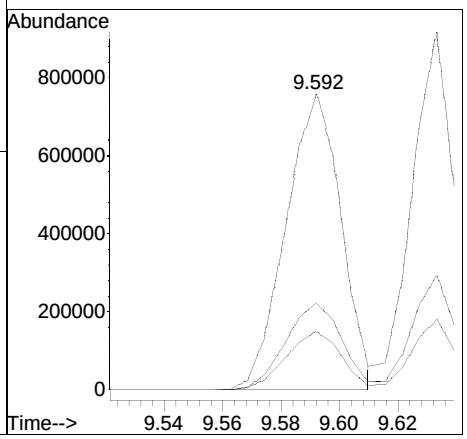


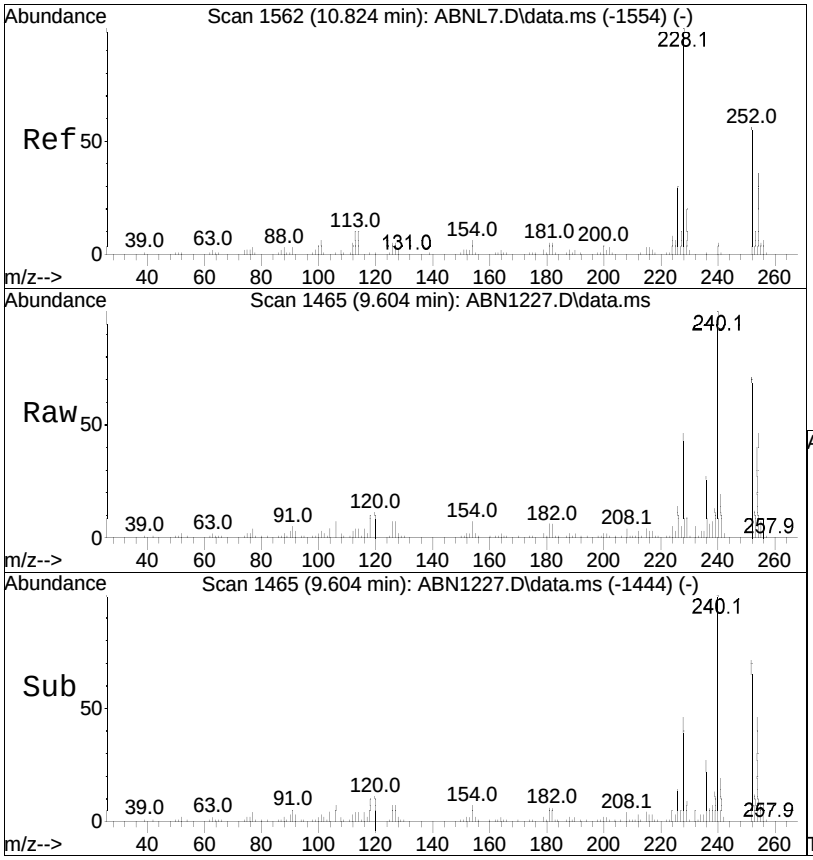


#105
Benzo(a)anthracene
Concen: 42.38 ug/ml
RT: 9.592 min Scan# 1463
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:228 Resp: 992160

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.8
229	19.8	16.6	24.8

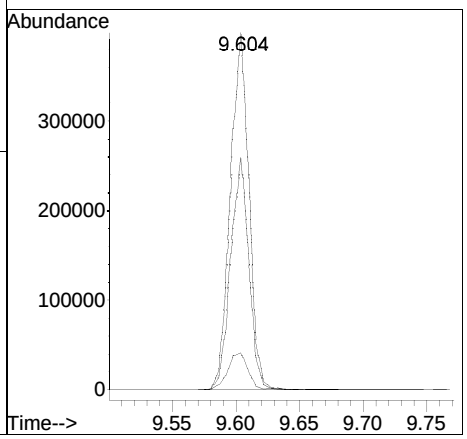


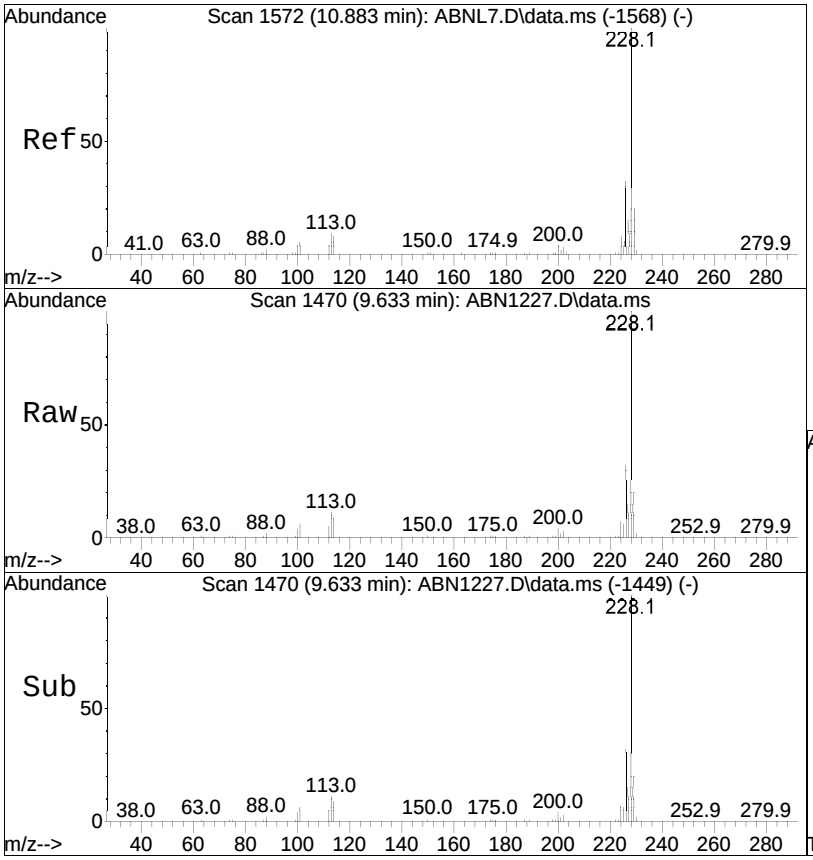


#106
3,3'-Dichlorobenzidine
Concen: 46.58 ug/ml
RT: 9.604 min Scan# 1465
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:252 Resp: 401686

Ion	Ratio	Lower	Upper
252	100		
126	12.0	11.6	17.4
254	64.1	52.2	78.2

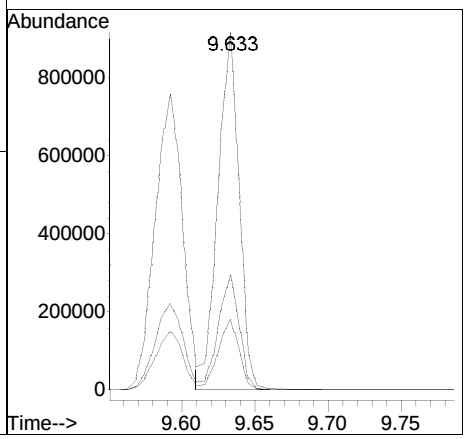


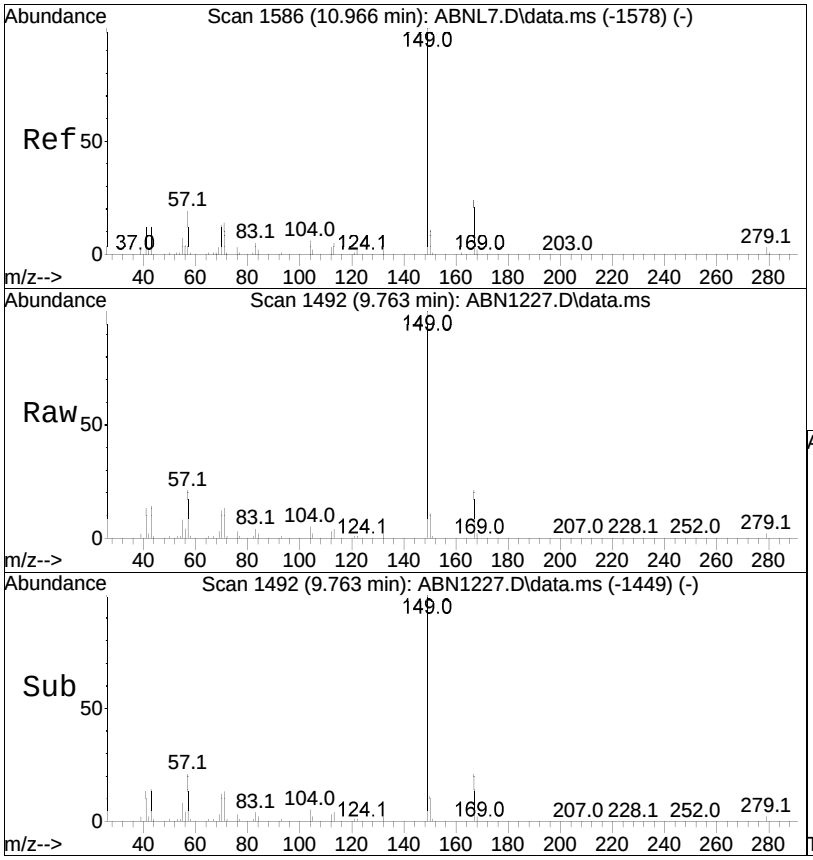


#107
Chrysene
Concen: 43.95 ug/ml
RT: 9.633 min Scan# 1470
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:228 Resp: 917717

Ion	Ratio	Lower	Upper
228	100		
226	32.1	26.2	39.4
229	19.7	16.7	25.1

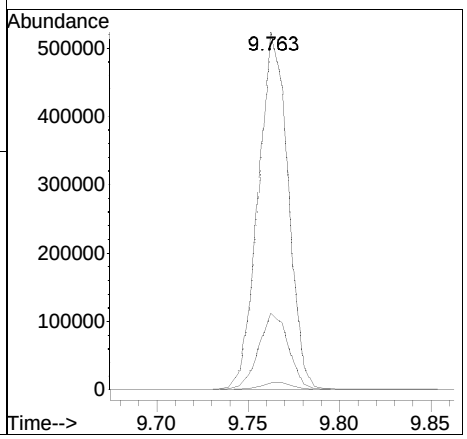


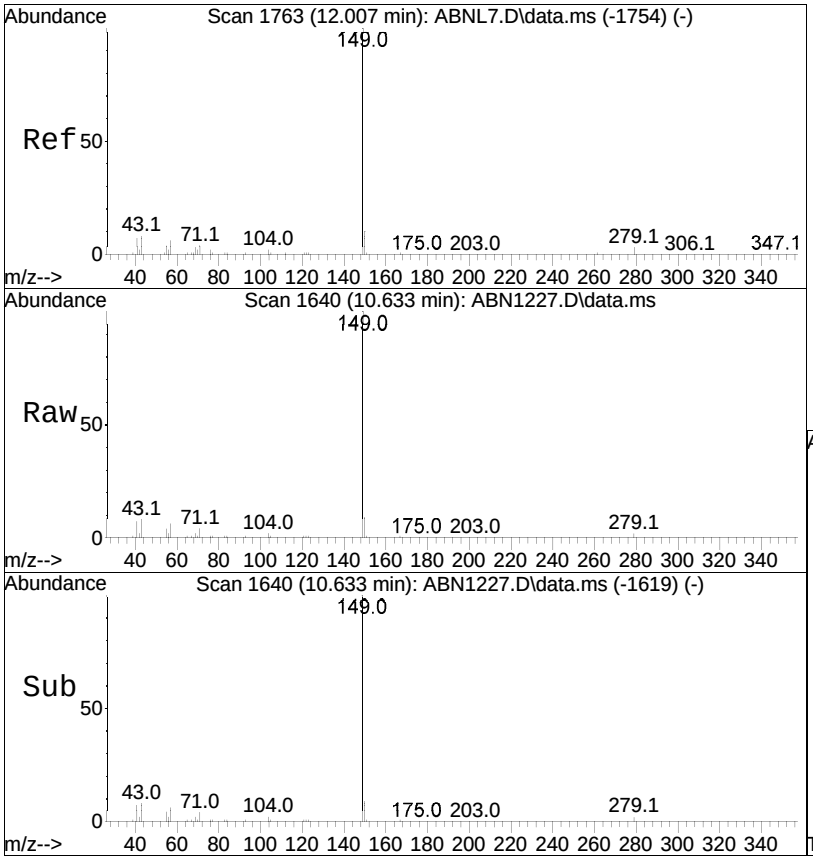


#108
Bis(2-ethylhexyl)phthalate
Concen: 58.18 ug/ml
RT: 9.763 min Scan# 1492
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:149 Resp: 586166

Ion	Ratio	Lower	Upper
149	100		
167	21.5	17.8	26.8
279	1.8	1.8	2.6

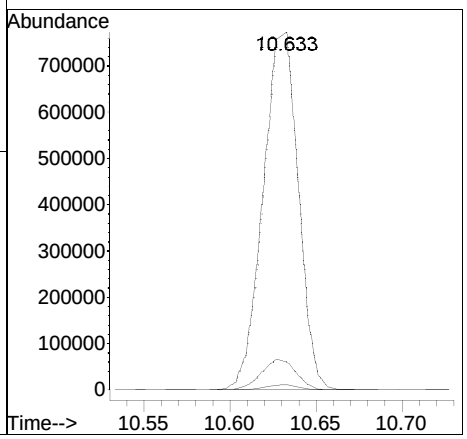


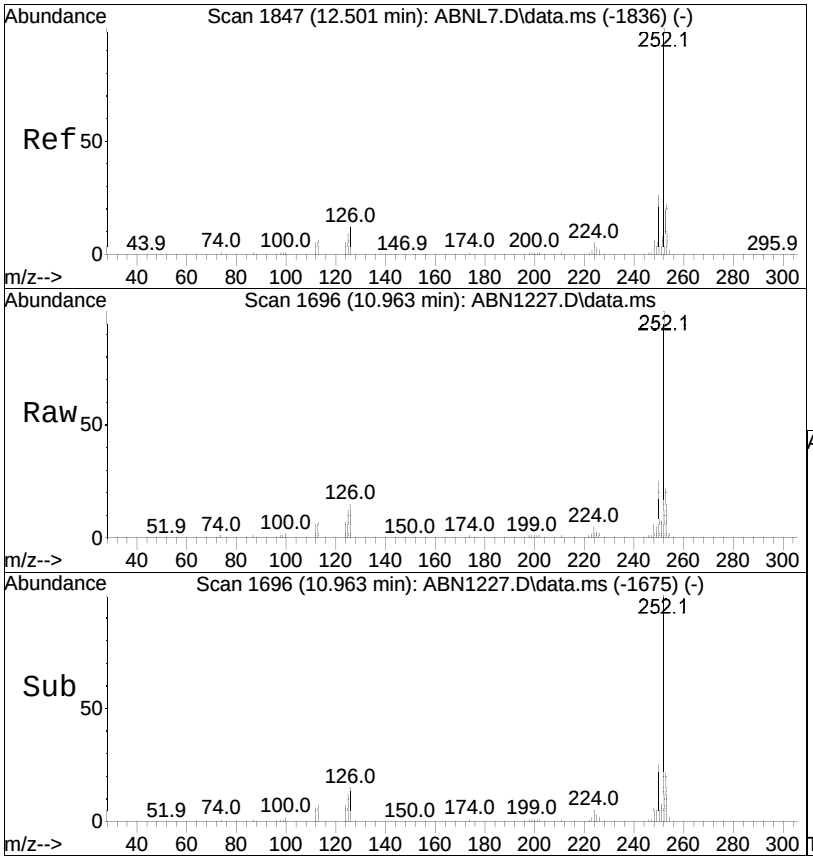


#109
Di-n-octylphthalate
Concen: 61.79 ug/ml
RT: 10.633 min Scan# 1640
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:149 Resp: 1086699

Ion	Ratio	Lower	Upper
149	100		
43	8.4	7.4	11.2
167	1.2	1.1	1.7

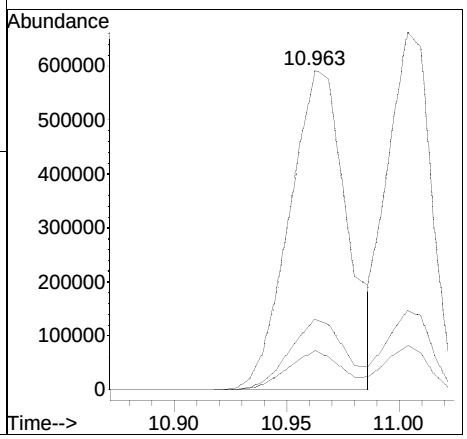


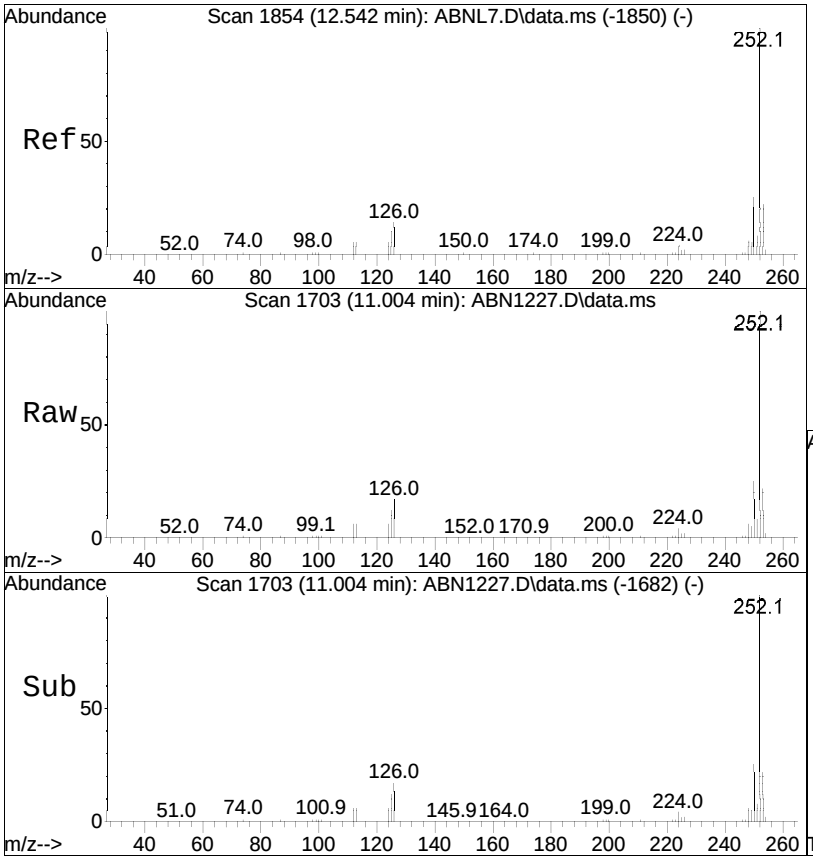


#110
Benzo(b)fluoranthene
Concen: 46.70 ug/ml
RT: 10.963 min Scan# 1696
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:252 Resp: 1059255

Ion	Ratio	Lower	Upper
252	100		
125	11.2	11.1	16.7
253	21.8	17.4	26.2

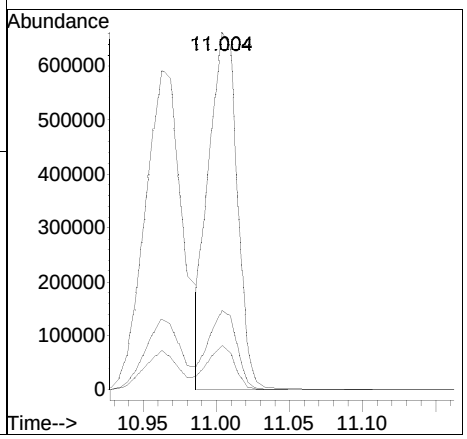


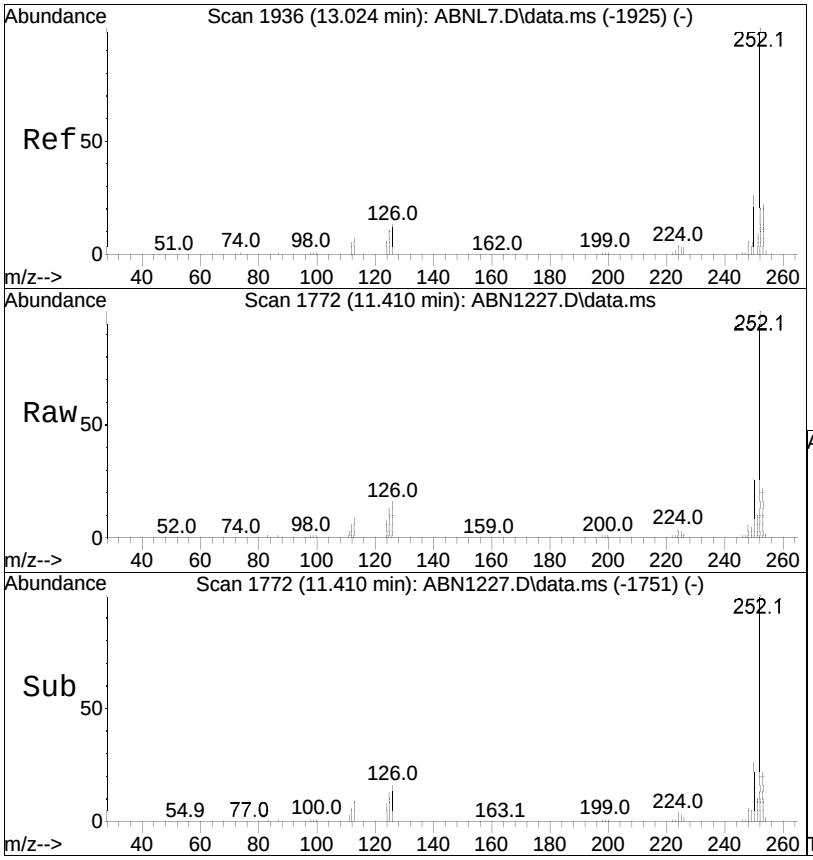


#111
Benzo(k)fluoranthene
Concen: 40.76 ug/ml
RT: 11.004 min Scan# 1703
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:252 Resp: 896747

Ion	Ratio	Lower	Upper
252	100		
125	12.6	12.3	18.5
253	22.0	19.5	29.3

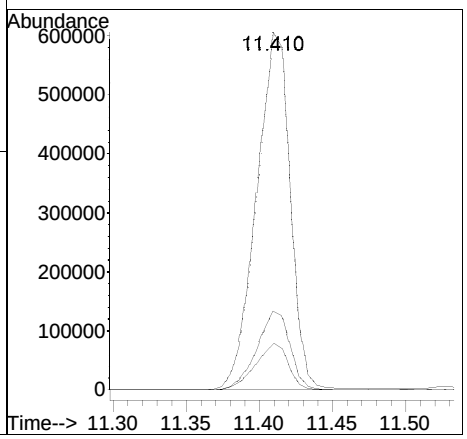


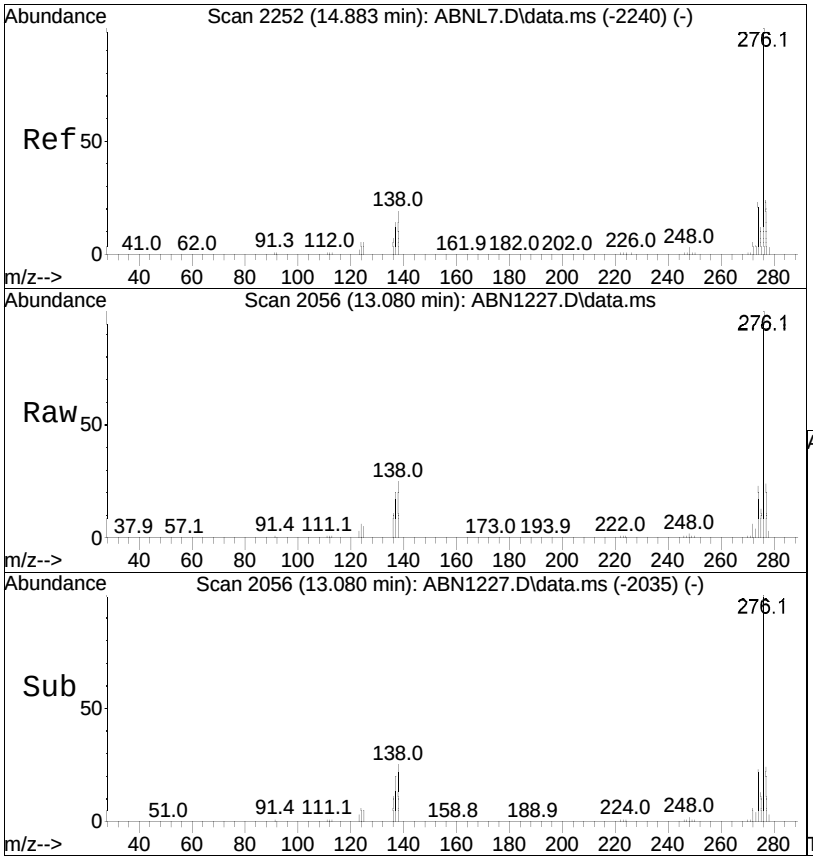


#112
Benzo(a)pyrene
Concen: 45.28 ug/ml
RT: 11.410 min Scan# 1772
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:252 Resp: 963248

Ion	Ratio	Lower	Upper
252	100		
125	12.8	12.6	19.0
253	21.8	18.2	27.4

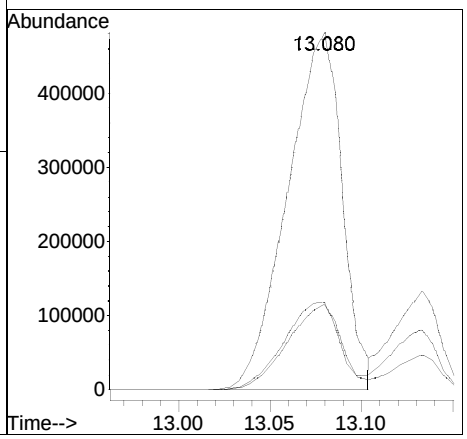


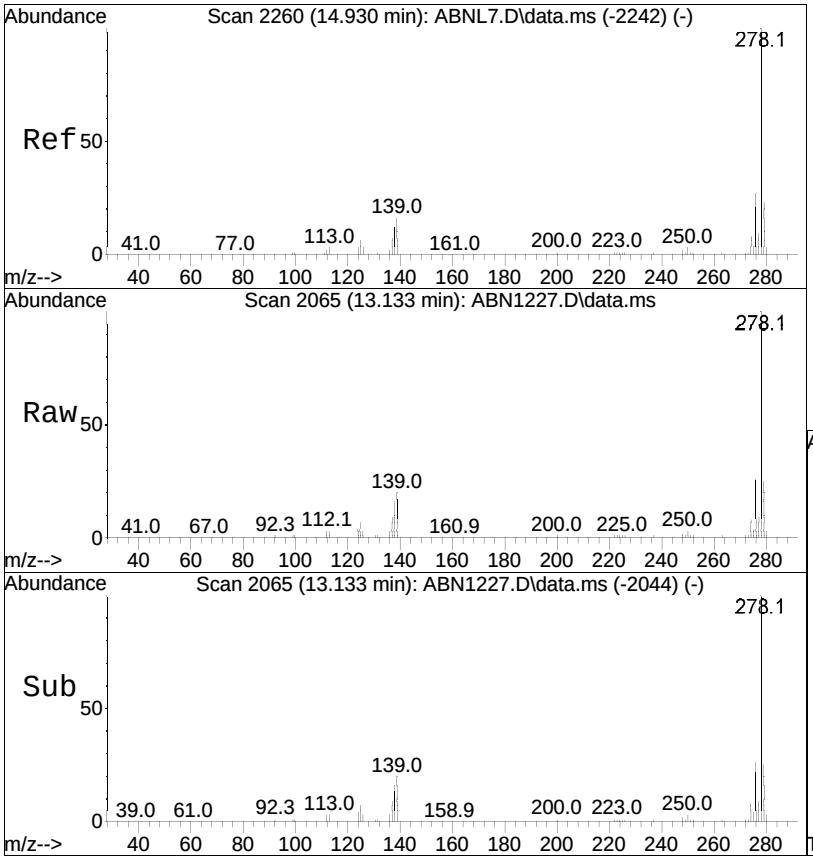


#114
Indeno(1,2,3-cd)pyrene
Concen: 46.53 ug/mL
RT: 13.080 min Scan# 2056
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:276 Resp: 994623

Ion	Ratio	Lower	Upper
276	100		
138	24.9	22.2	33.2
277	23.9	20.1	30.1

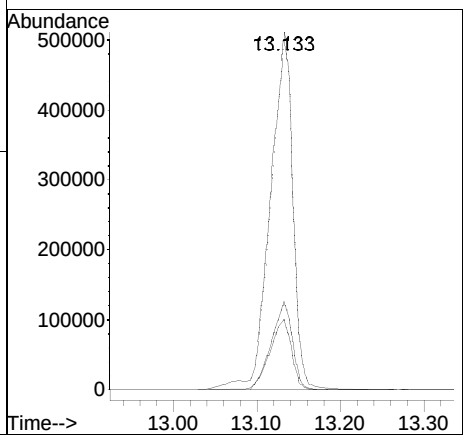


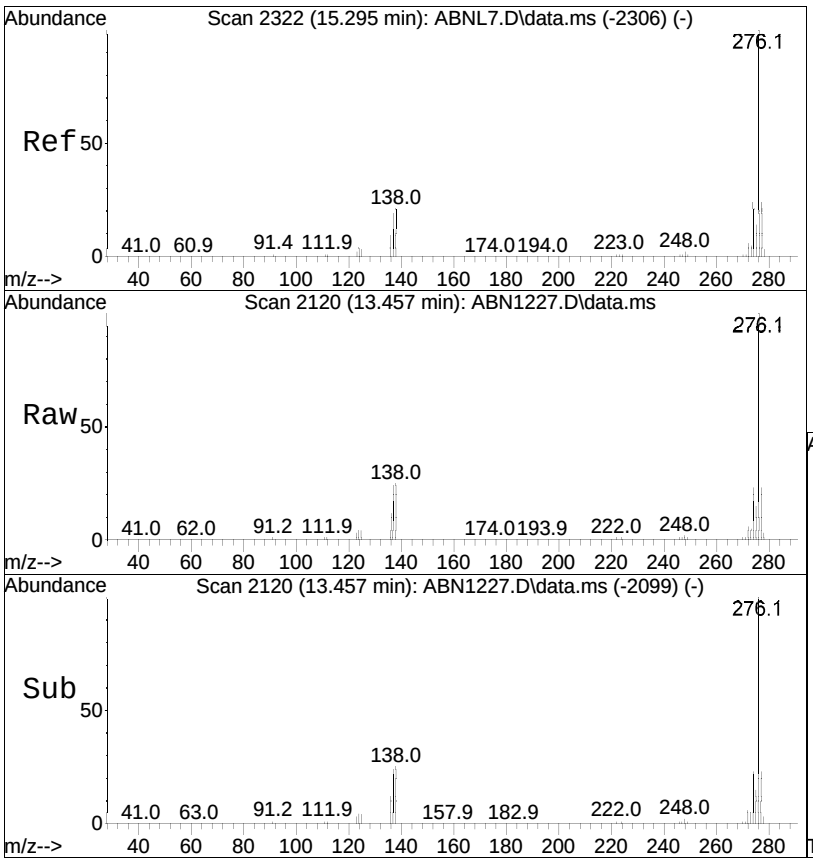


#115
Dibenzo(a,h)anthracene
Concen: 46.58 ug/ml
RT: 13.133 min Scan# 2065
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:278 Resp: 946562

Ion	Ratio	Lower	Upper
278	100		
139	19.1	17.4	26.2
279	23.6	19.7	29.5

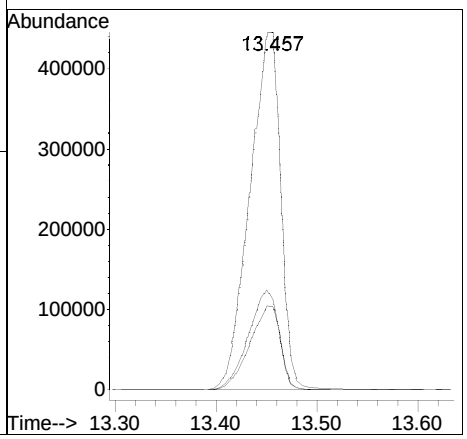




#116
Benzo(ghi)perylene
Concen: 45.39 ug/ml
RT: 13.457 min Scan# 2120
Delta R.T. 0.000 min
Lab File: ABN1227.D
Acq: 27 Dec 2025 7:40 am

Tgt Ion:276 Resp: 937203

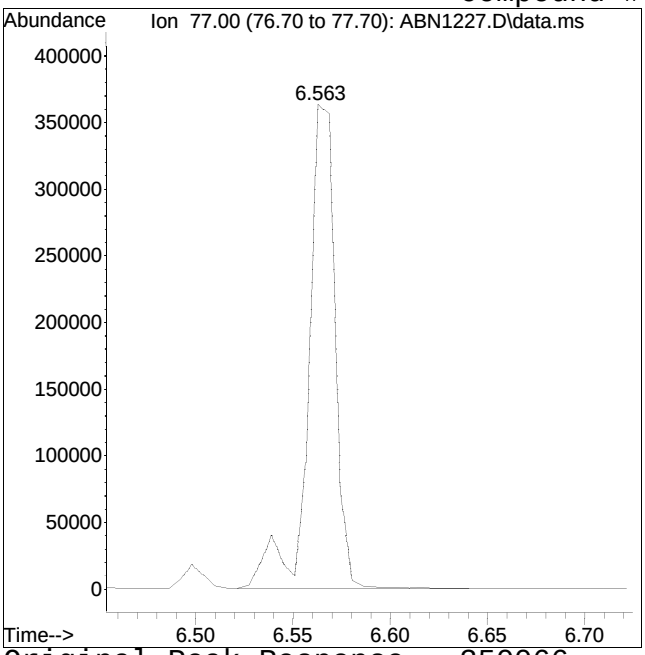
Ion	Ratio	Lower	Upper
276	100		
138	27.7	24.2	36.4
277	23.7	19.8	29.6



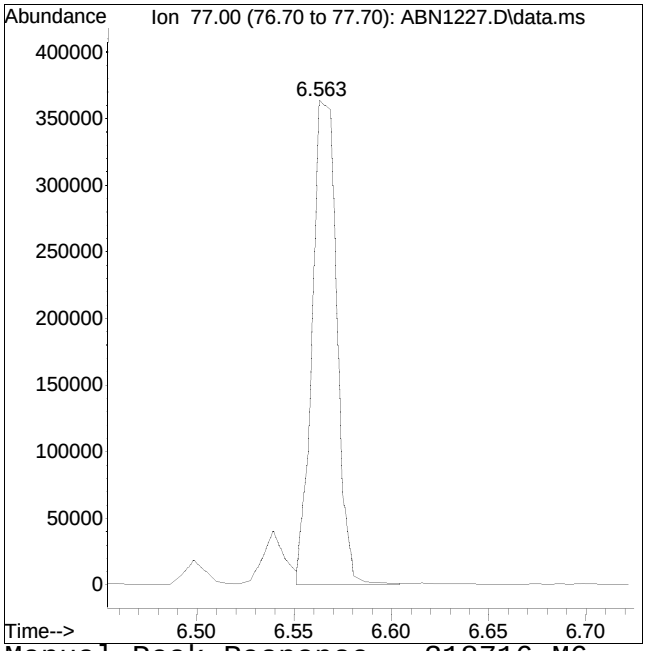
Manual Integration Report

Data Path : I:\8270\Juliet\251227\ QMethod : FS250614Juliet.m
Data File : ABN1227.D Operator : Juliet:jg
Date Inj'd : 12/27/2025 7:40 am Instrument : Juliet
Sample : WG2159109-3,32,,ABN 12168 Quant Date : 12/27/2025 8:42 am

Compound #78: Azobenzene



Original Peak Response = 350066



Manual Peak Response = 318716 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : I:\8270\Juliet\251227\
Data File : AP91227.D
Acq On : 27 Dec 2025 8:04 am
Operator : Juliet:jg
Sample : WG2159109-4,32,,AP9 12055 smc1223A
Misc : WG2159109,,ical22379
ALS Vial : 97 Sample Multiplier: 1

Quant Time: Dec 27 08:43:28 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:43:56 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
27	I	IS2_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
28	T	Benzaldehyde	0.862	0.991	-15.0	99	0.00
29	T	Acetophenone	1.581	1.838	-16.3	97	0.00
30	T	m-Toluidine	1.448	1.844	-27.3#	99	0.00
31	T	2-Chloroaniline	1.607	1.801	-12.1	93	0.00
55	I	IS2_Naphthalene-d8	1.000	1.000	0.0	91	0.00
56	T	a-Terpineol	0.194	0.270	-39.2#	121	0.00
57	T	3-Chloroaniline	0.109	0.131	-20.2#	110	0.00
58	T	2,6-Dichlorophenol	0.349	0.367	-5.2	90	0.00
59	T	1-chloro-2-nitrobenzene	0.125	0.149	-19.2	102	0.00
60	T	Caprolactam	0.115	0.162	-40.9#	124	0.00
61	T	1,2,4,5-Tetrachlorobenzene	0.565	0.488	13.6	77	0.00
62	T	Biphenyl	1.042	1.037	0.5	89	0.00
83	I	IS2_Acenaphthene-d10	1.000	1.000	0.0	92	0.00
84	T	Dichloran	0.218	0.256	-17.4	103	0.00
85	T	Pentachloronitrobenzene	0.190	0.193	-1.6	85	0.00
98	I	IS2_Phenanthrene-d10	1.000	1.000	0.0	90	0.00
99	T	Diphenamid	0.529	0.562	-6.2	94	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\251227\
Data File : AP91227.D
Acq On : 27 Dec 2025 8:04 am
Operator : Juliet:jg
Sample : WG2159109-4,32,,AP9 12055 smc1223A
Misc : WG2159109,,ical22379
ALS Vial : 97 Sample Multiplier: 1

Quant Time: Dec 27 08:43:28 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:43:56 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.340	152	85671	40.000	ug/ml	0.00
55) IS2_Naphthalene-d8	4.428	136	348231	40.000	ug/ml	0.00
83) IS2_Acenaphthene-d10	5.934	164	251415	40.000	ug/ml	0.00
98) IS2_Phenanthrene-d10	7.204	188	547049	40.000	ug/ml	# 0.00
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	2.963	105	106118	57.494	ug/ml	93
29) Acetophenone	3.698	105	196777	58.129	ug/ml	97
30) m-Toluidine	3.769	106	197435	63.676	ug/ml	96
31) 2-Chloroaniline	4.087	127	192916	56.059	ug/ml	98
56) a-Terpineol	4.492	59	117311	69.384	ug/ml	95
57) 3-Chloroaniline	4.504	65	56852	59.714	ug/ml	91
58) 2,6-Dichlorophenol	4.528	162	159886	52.672	ug/ml	97
59) 1-chloro-2-nitrobenzene	4.751	111	65012	59.794	ug/ml	93
60) Caprolactam	4.804	55	70434	70.499	ug/ml	93
61) 1,2,4,5-Tetrachloroben...	5.204	216	212330	43.140	ug/ml	98
62) Biphenyl	5.463	154	451245	49.726	ug/ml	99
84) Dichloran	6.951	206	80440	58.749	ug/ml#	69
85) Pentachloronitrobenzene	7.075	237	60706	50.933	ug/ml	92
99) Diphenamid	8.016	167	384080	53.117	ug/ml	85

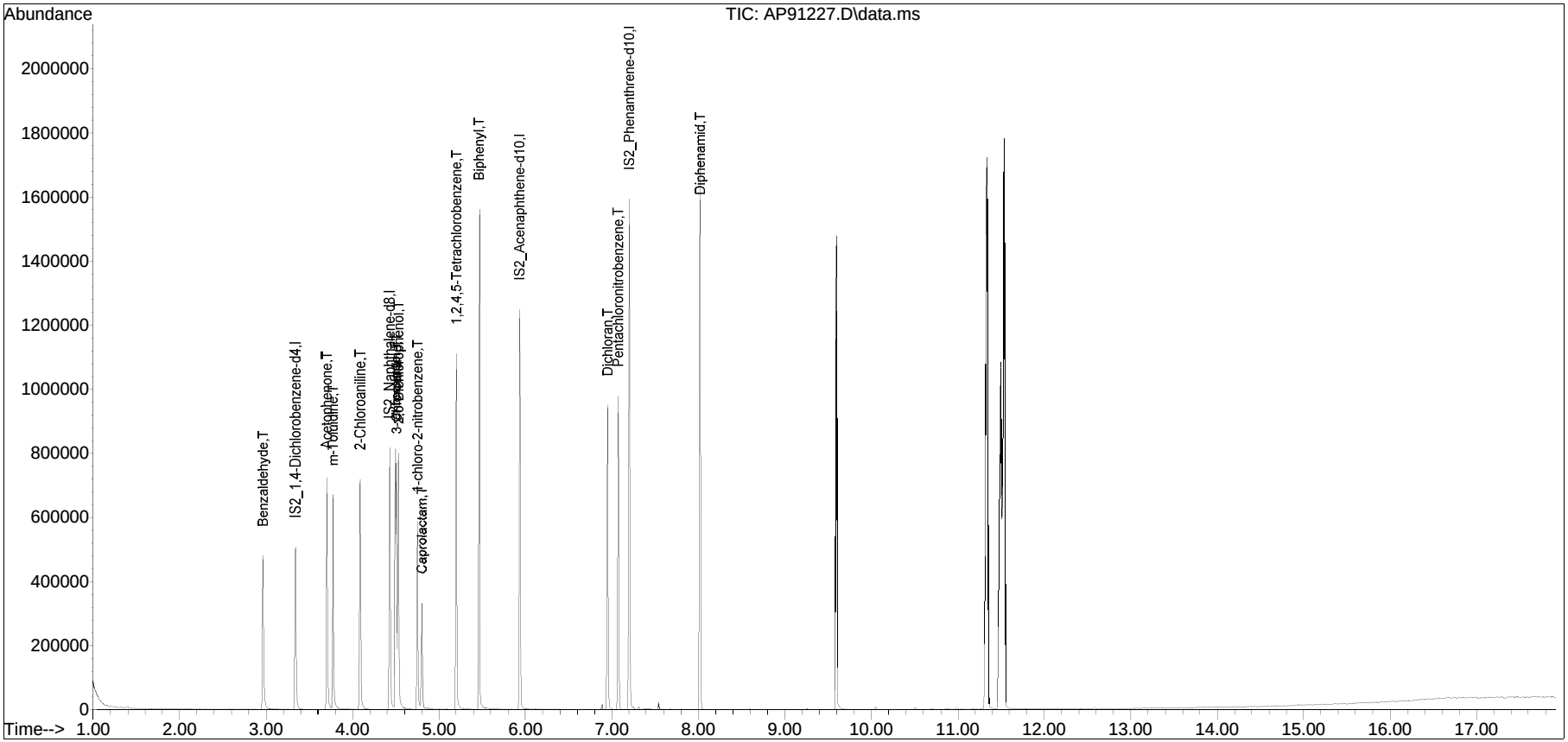
(#) = qualifier out of range (m) = manual integration (+) = signals summed

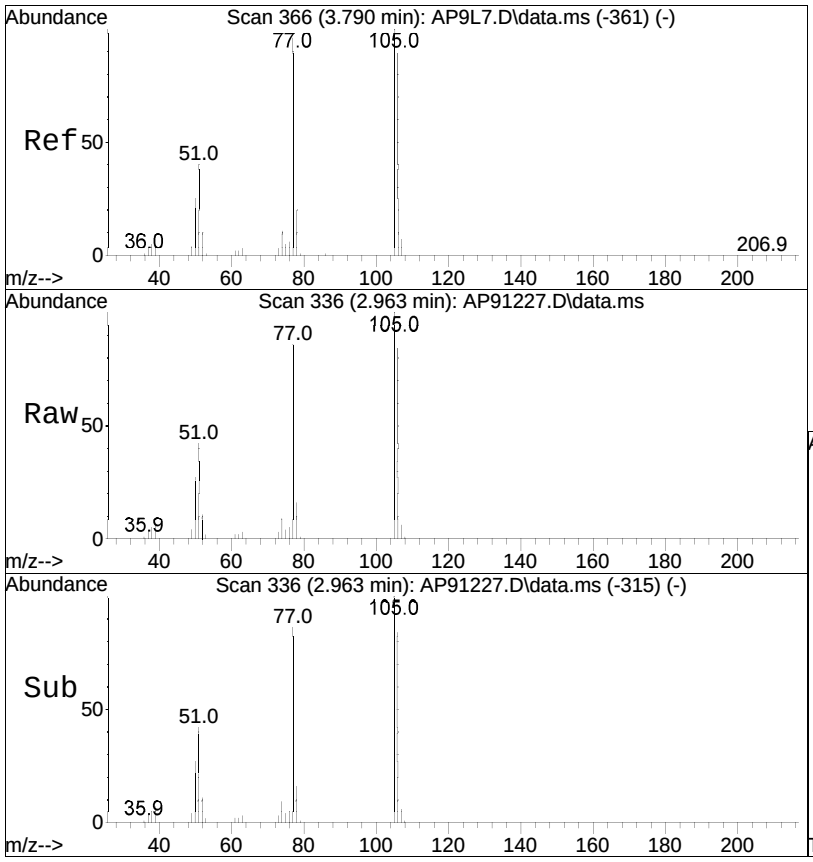
Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\251227\
Data File : AP91227.D
Acq On : 27 Dec 2025 8:04 am
Operator : Juliet:jg
Sample : WG2159109-4,32,,AP9 12055 smc1223A
Misc : WG2159109,,ical22379
ALS Vial : 97 Sample Multiplier: 1

Quant Time: Dec 27 08:43:28 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:43:56 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublist

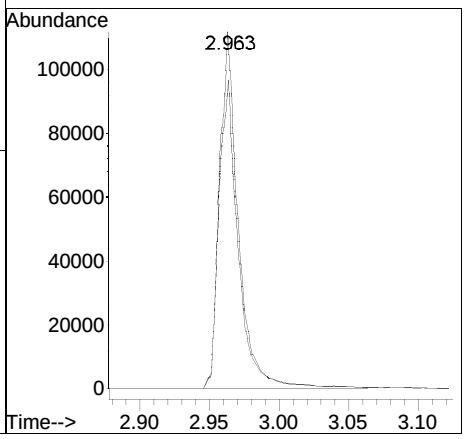


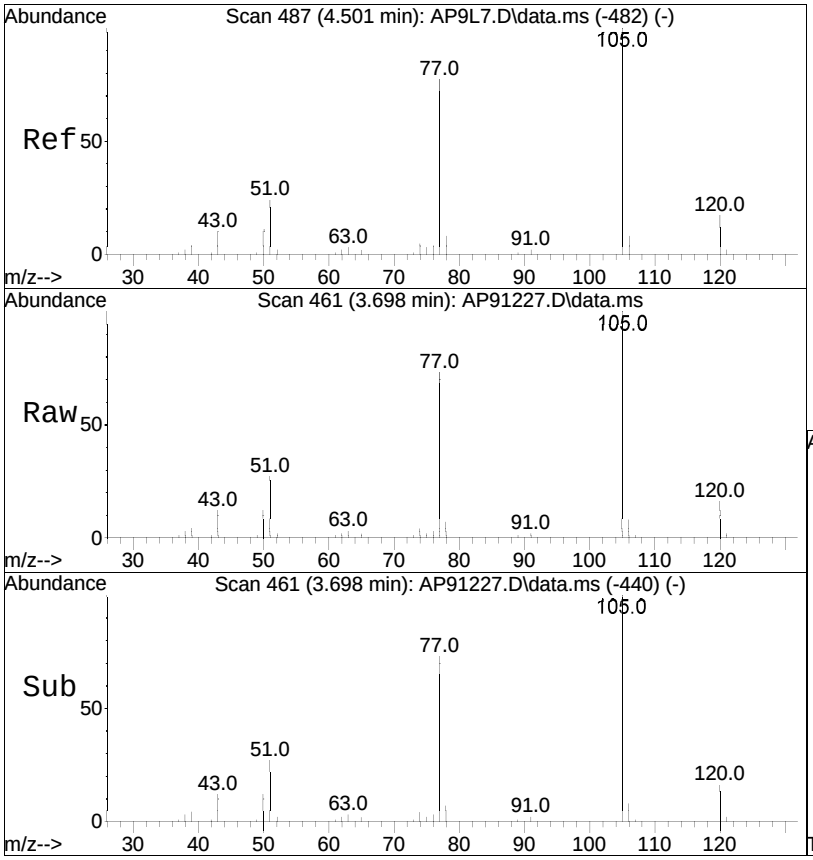


#28
Benzaldehyde
Concen: 57.49 ug/ml
RT: 2.963 min Scan# 336
Delta R.T. 0.000 min
Lab File: AP91227.D
Acq: 27 Dec 2025 8:04 am

Tgt Ion:105 Resp: 106118

Ion	Ratio	Lower	Upper
105	100		
77	89.0	76.4	114.6

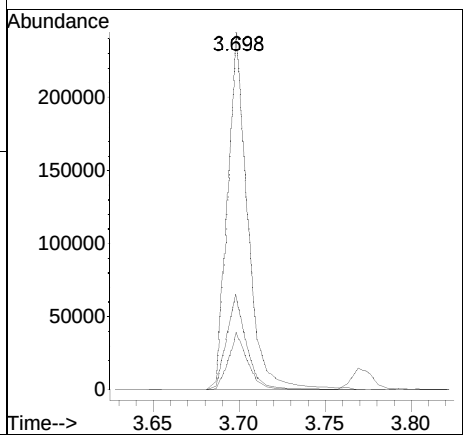


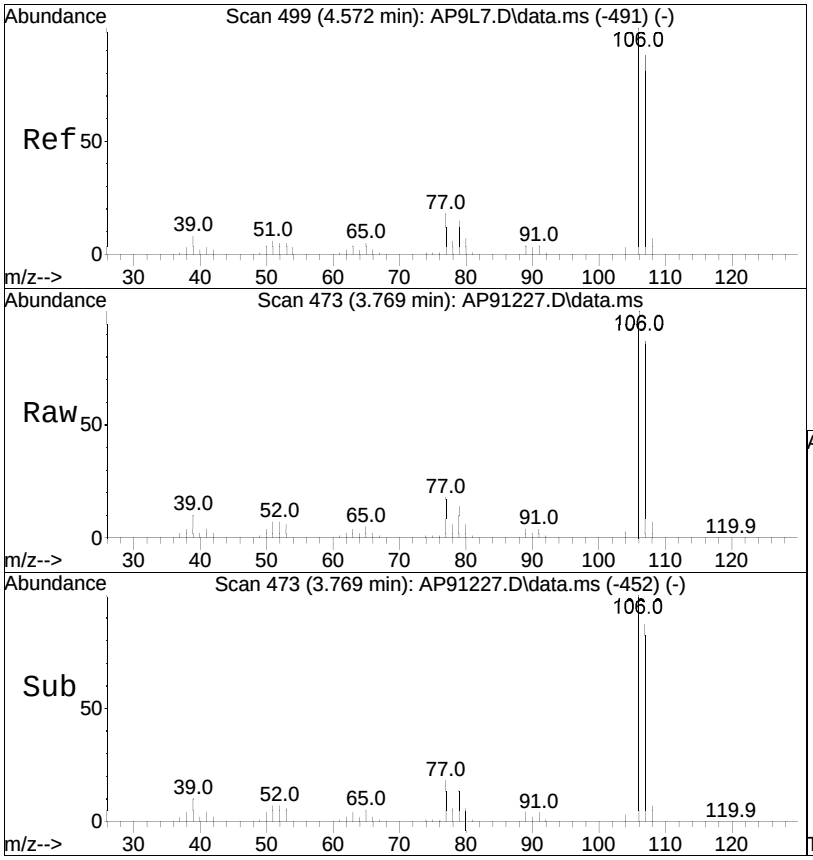


#29
Acetophenone
Concen: 58.13 ug/ml
RT: 3.698 min Scan# 461
Delta R.T. 0.000 min
Lab File: AP91227.D
Acq: 27 Dec 2025 8:04 am

Tgt Ion:105 Resp: 196777

Ion	Ratio	Lower	Upper
105	100		
120	16.0	14.5	21.7
51	26.9	22.2	33.4

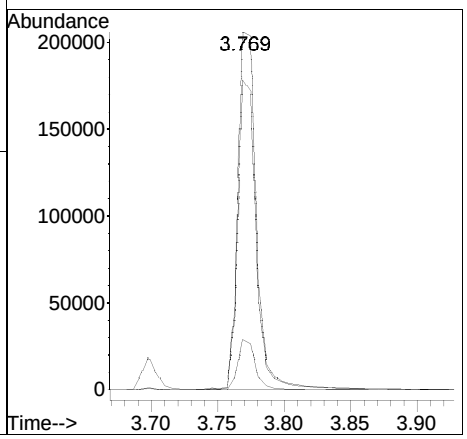


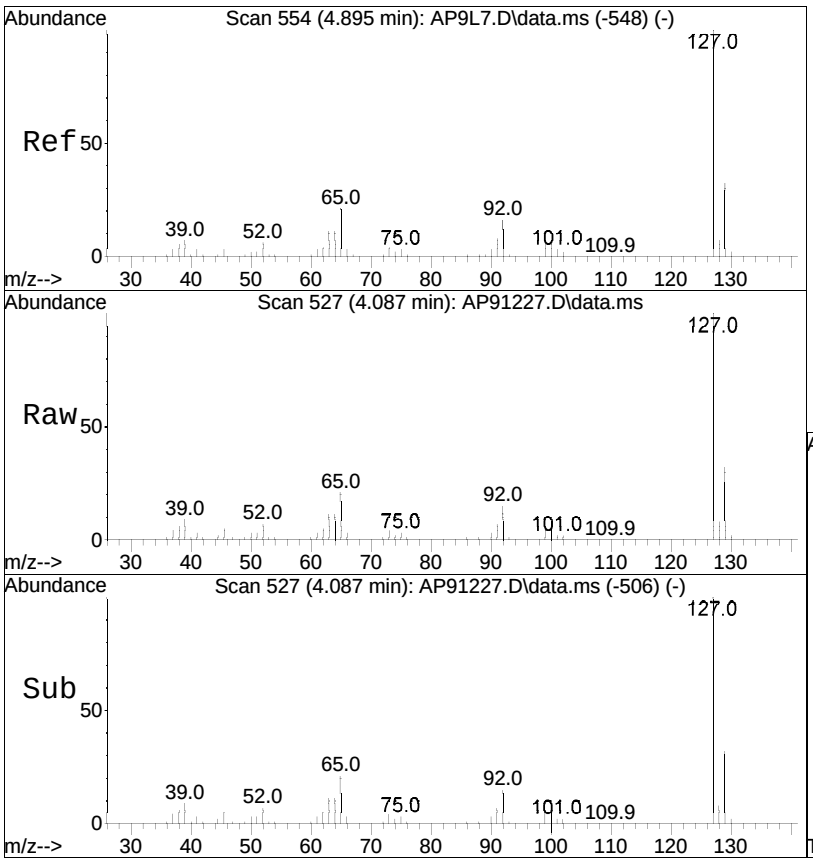


#30
m-Toluidine
Concen: 63.68 ug/ml
RT: 3.769 min Scan# 473
Delta R.T. 0.000 min
Lab File: AP91227.D
Acq: 27 Dec 2025 8:04 am

Tgt Ion:106 Resp: 197435

Ion	Ratio	Lower	Upper
106	100		
107	86.4	72.6	108.8
79	13.7	12.1	18.1

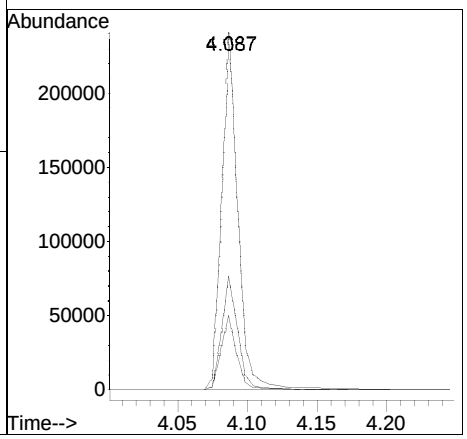


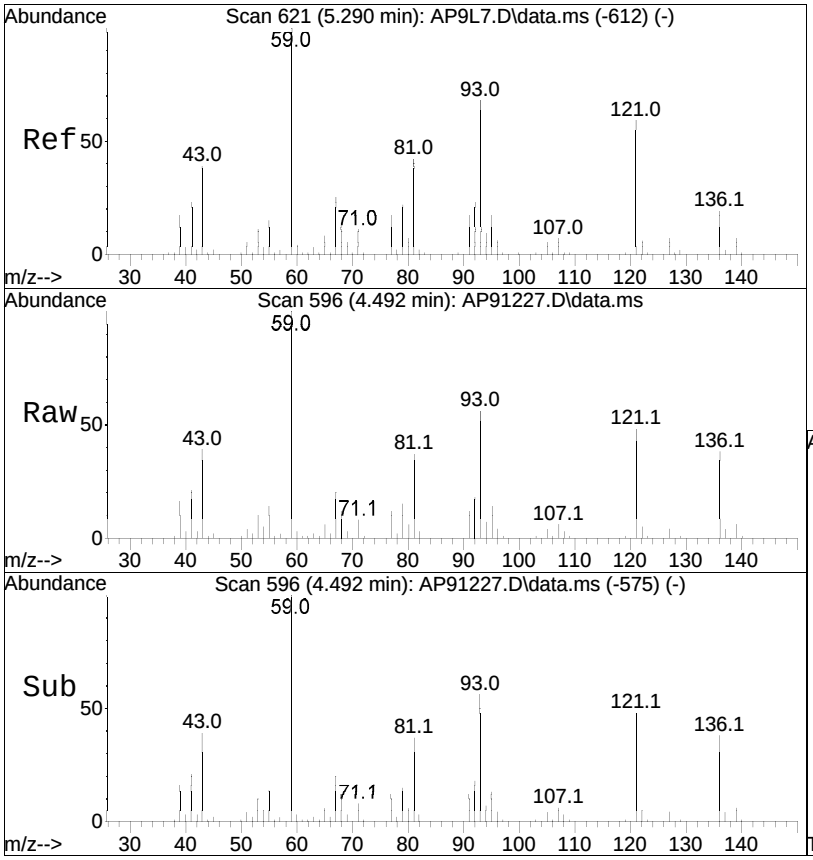


#31
2-Chloroaniline
Concen: 56.06 ug/ml
RT: 4.087 min Scan# 527
Delta R.T. 0.000 min
Lab File: AP91227.D
Acq: 27 Dec 2025 8:04 am

Tgt Ion:127 Resp: 192916

Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.4
65	20.8	17.8	26.8

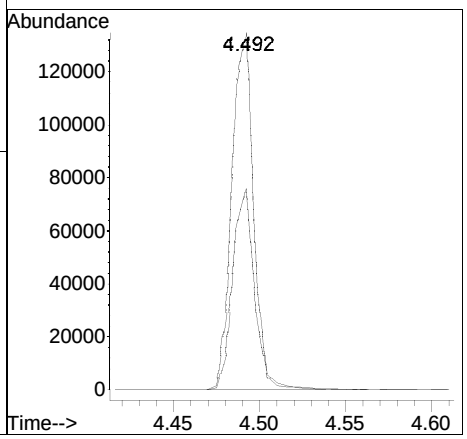


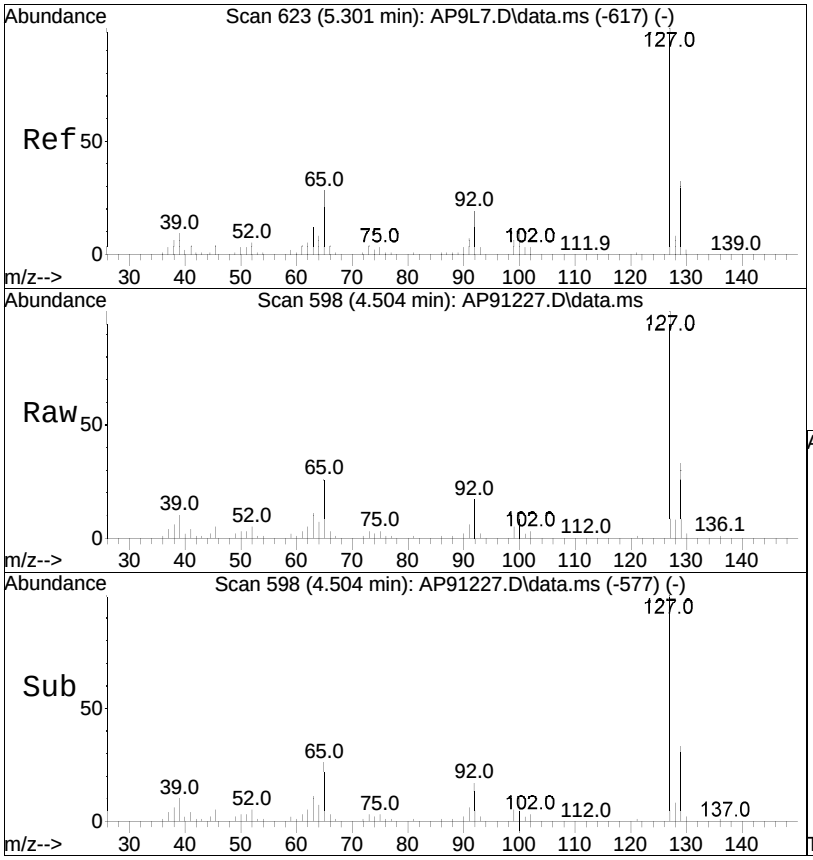


#56
a-Terpineol
Concen: 69.38 ug/ml
RT: 4.492 min Scan# 596
Delta R.T. 0.000 min
Lab File: AP91227.D
Acq: 27 Dec 2025 8:04 am

Tgt Ion: 59 Resp: 117311

Ion	Ratio	Lower	Upper
59	100		
93	57.3	48.6	73.0

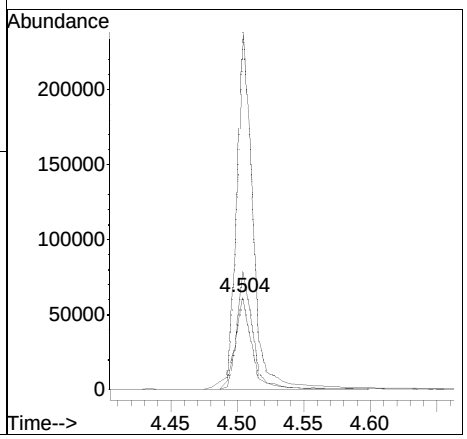


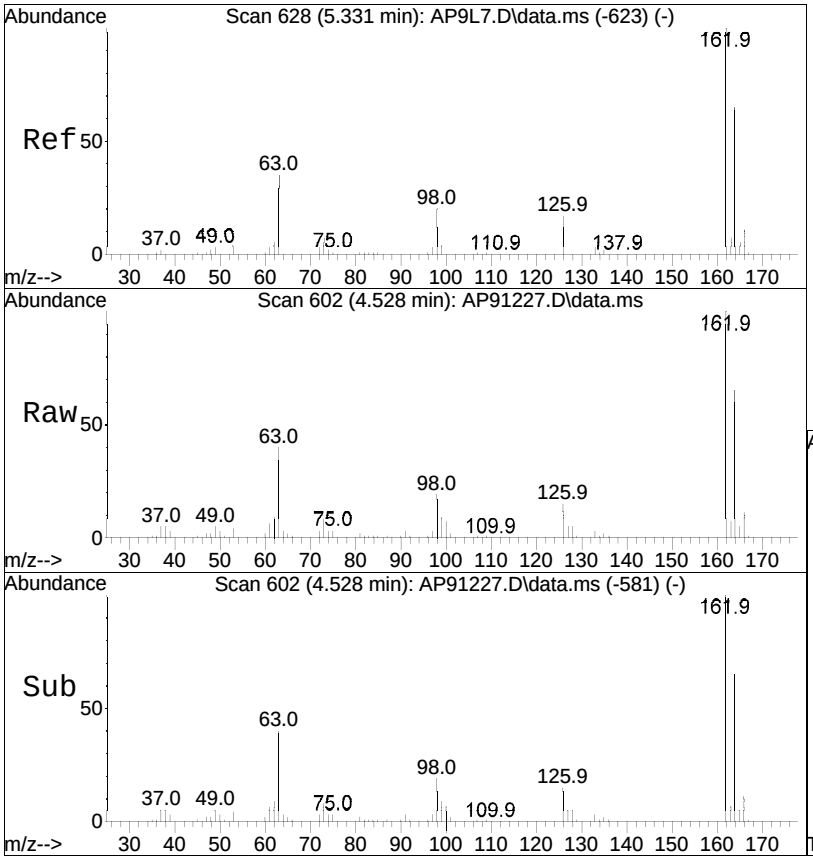


#57
3-Chloroaniline
Concen: 59.71 ug/ml
RT: 4.504 min Scan# 598
Delta R.T. 0.000 min
Lab File: AP91227.D
Acq: 27 Dec 2025 8:04 am

Tgt Ion: 65 Resp: 56852

Ion	Ratio	Lower	Upper
65	100		
127	351.7	266.4	399.6
129	115.3	84.9	127.3

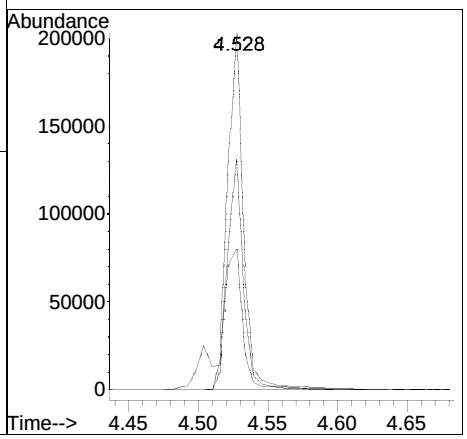


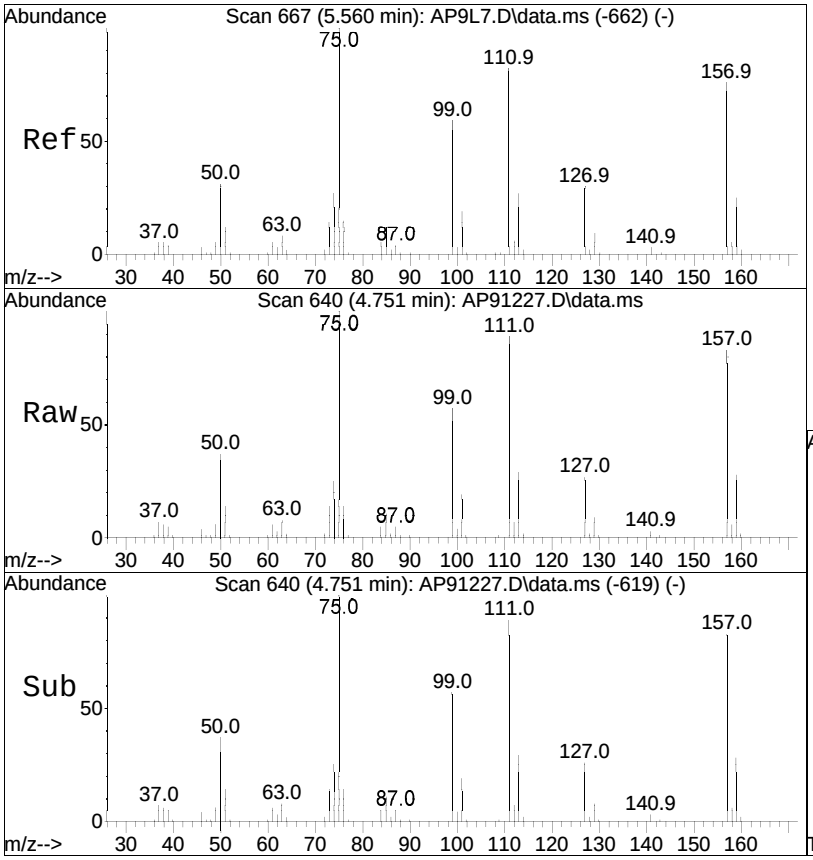


#58
2,6-Dichlorophenol
Concen: 52.67 ug/ml
RT: 4.528 min Scan# 602
Delta R.T. 0.000 min
Lab File: AP91227.D
Acq: 27 Dec 2025 8:04 am

Tgt Ion:162 Resp: 159886

Ion	Ratio	Lower	Upper
162	100		
164	64.3	51.4	77.2
63	56.5	40.9	61.3

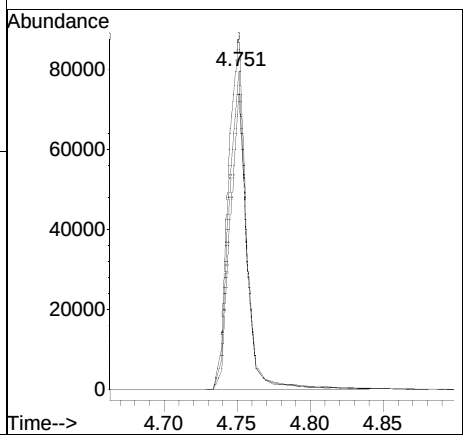


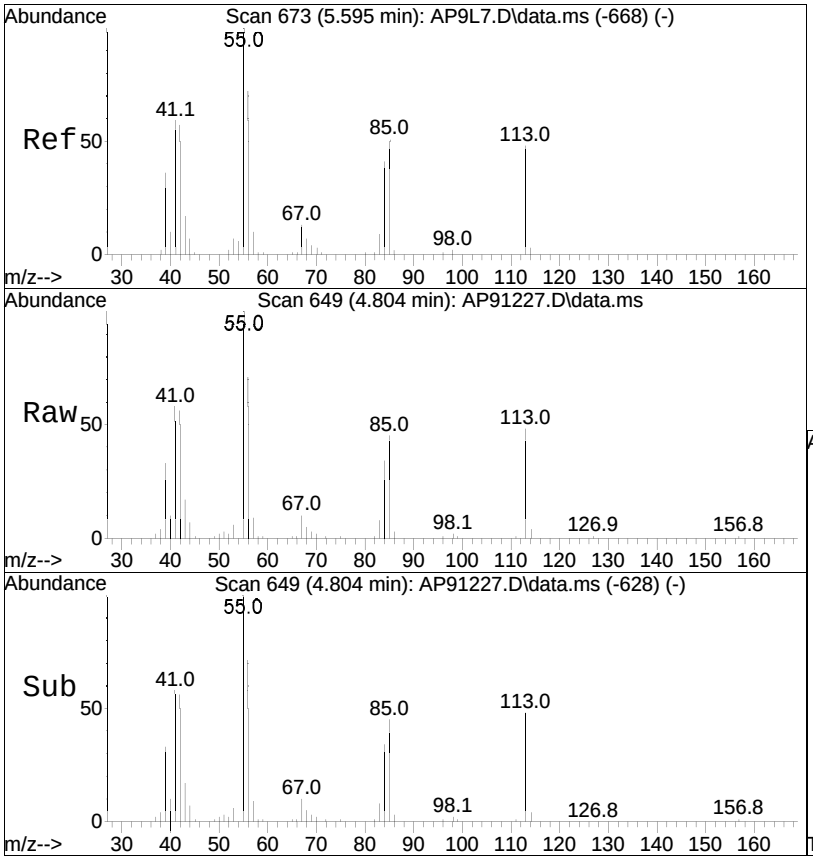


#59
1-chloro-2-nitrobenzene
Concen: 59.79 ug/ml
RT: 4.751 min Scan# 640
Delta R.T. 0.000 min
Lab File: AP91227.D
Acq: 27 Dec 2025 8:04 am

Tgt Ion:111 Resp: 65012

Ion	Ratio	Lower	Upper
111	100		
157	91.0	61.9	92.9
75	116.2	93.6	140.4

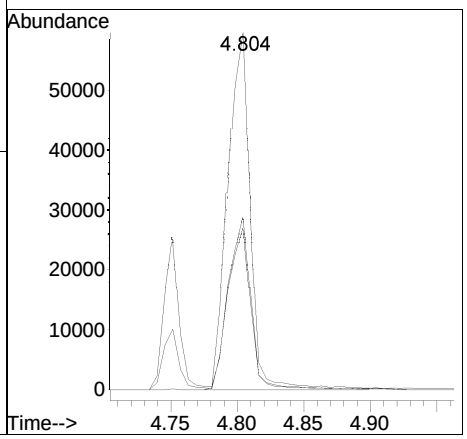


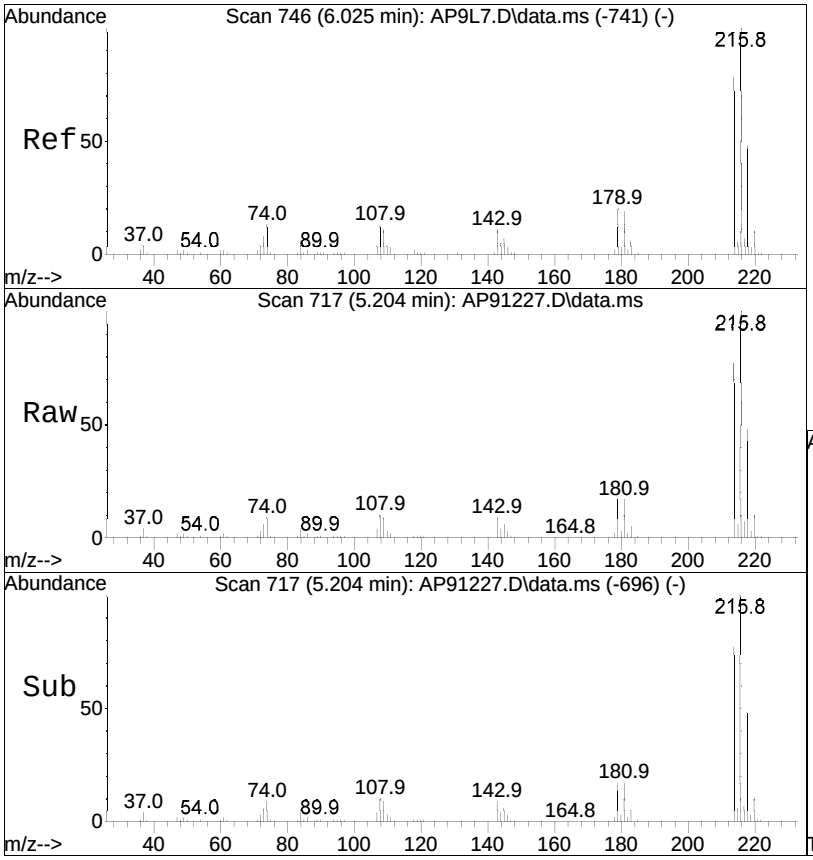


#60
Caprolactam
Concen: 70.50 ug/ml
RT: 4.804 min Scan# 649
Delta R.T. 0.000 min
Lab File: AP91227.D
Acq: 27 Dec 2025 8:04 am

Tgt Ion: 55 Resp: 70434

Ion	Ratio	Lower	Upper
55	100		
85	45.6	40.2	60.2
113	48.2	42.8	64.2

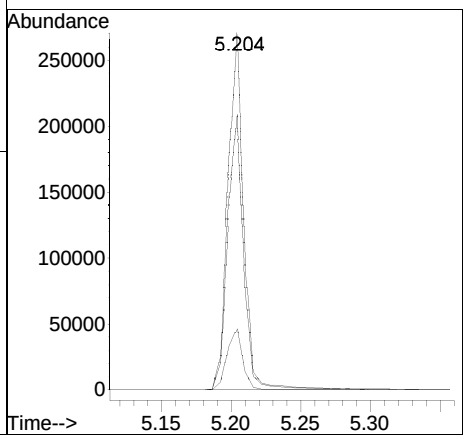


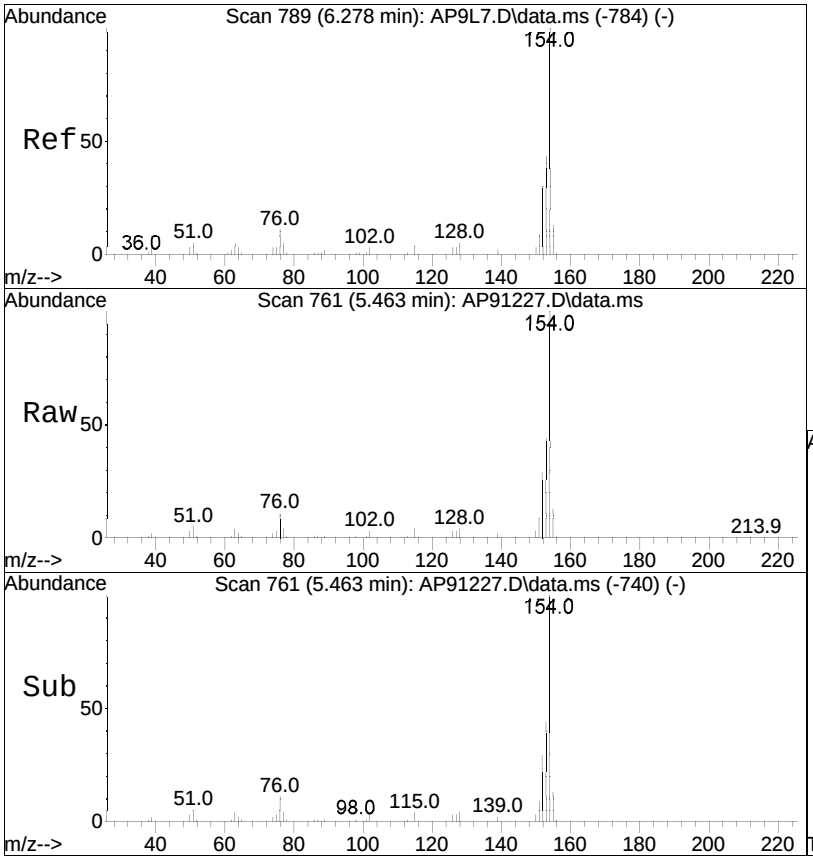


#61
1,2,4,5-Tetrachlorobenzene
Concen: 43.14 ug/ml
RT: 5.204 min Scan# 717
Delta R.T. 0.000 min
Lab File: AP91227.D
Acq: 27 Dec 2025 8:04 am

Tgt Ion:216 Resp: 212330

Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.4	95.2
179	17.7	16.4	24.6

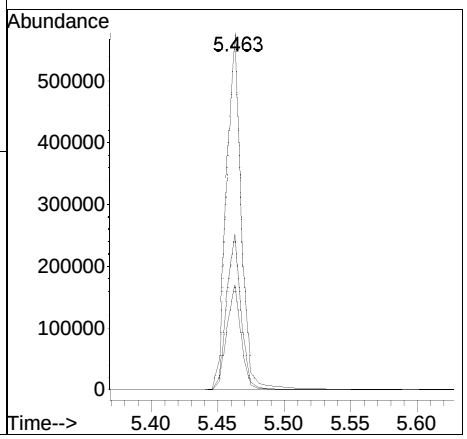


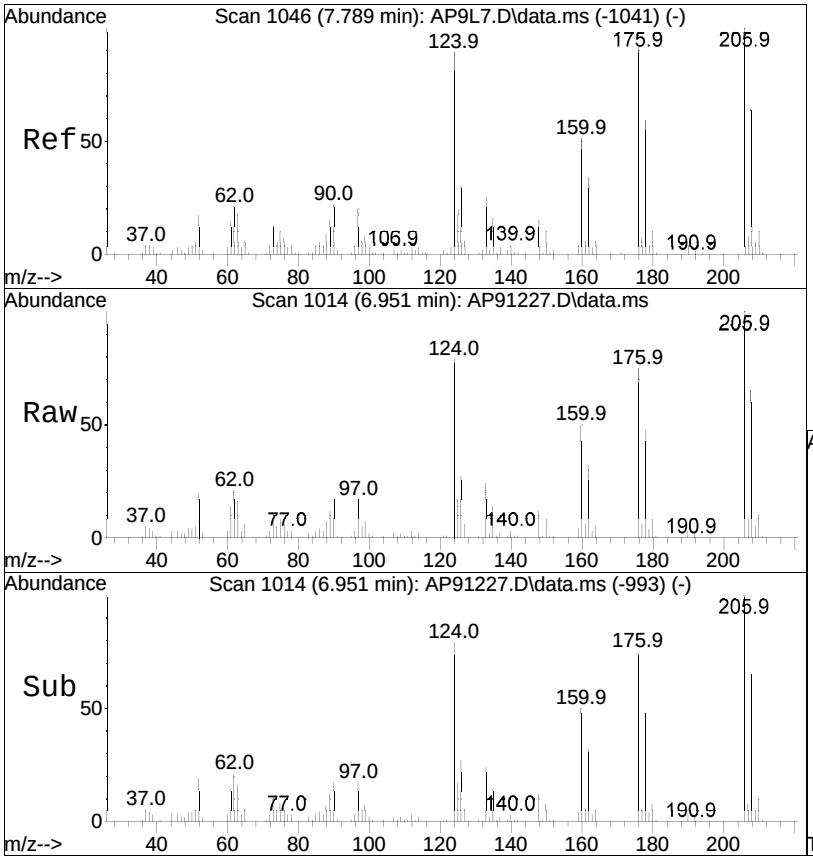


#62
Biphenyl
Concen: 49.73 ug/ml
RT: 5.463 min Scan# 761
Delta R.T. 0.000 min
Lab File: AP91227.D
Acq: 27 Dec 2025 8:04 am

Tgt Ion:154 Resp: 451245

Ion	Ratio	Lower	Upper
154	100		
153	43.3	34.7	52.1
152	29.4	24.0	36.0

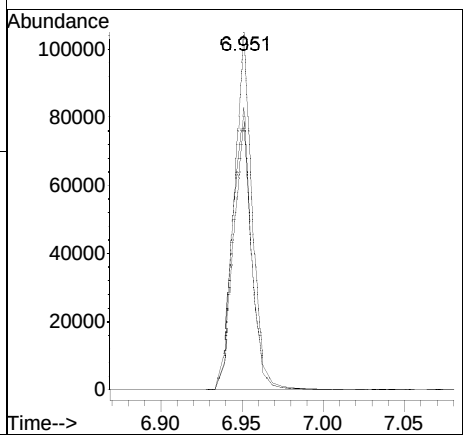


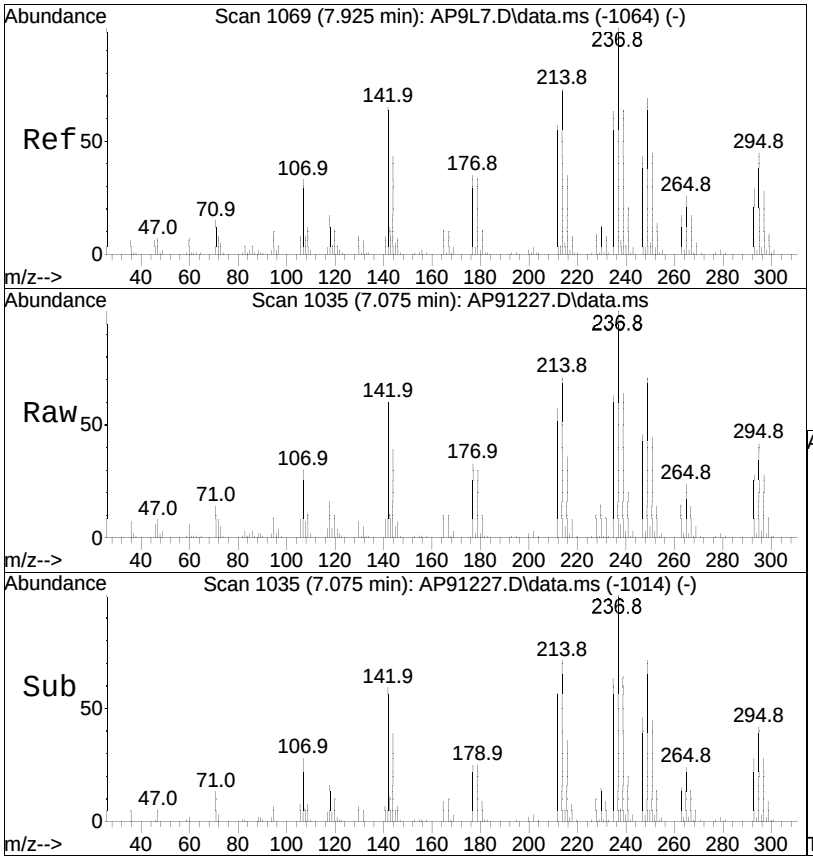


#84
Dichloran
Concen: 58.75 ug/ml
RT: 6.951 min Scan# 1014
Delta R.T. 0.000 min
Lab File: AP91227.D
Acq: 27 Dec 2025 8:04 am

Tgt Ion:206 Resp: 80440

Ion	Ratio	Lower	Upper
206	100		
176	76.2	83.1	124.7#
124	83.4	97.8	146.8#

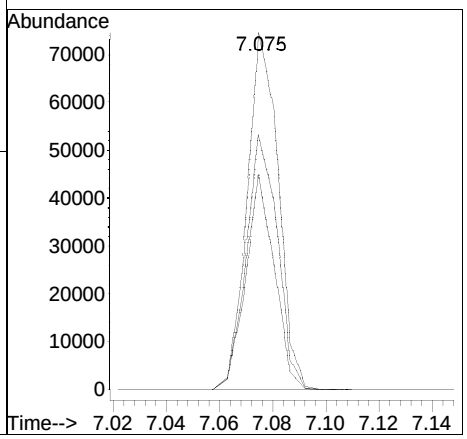


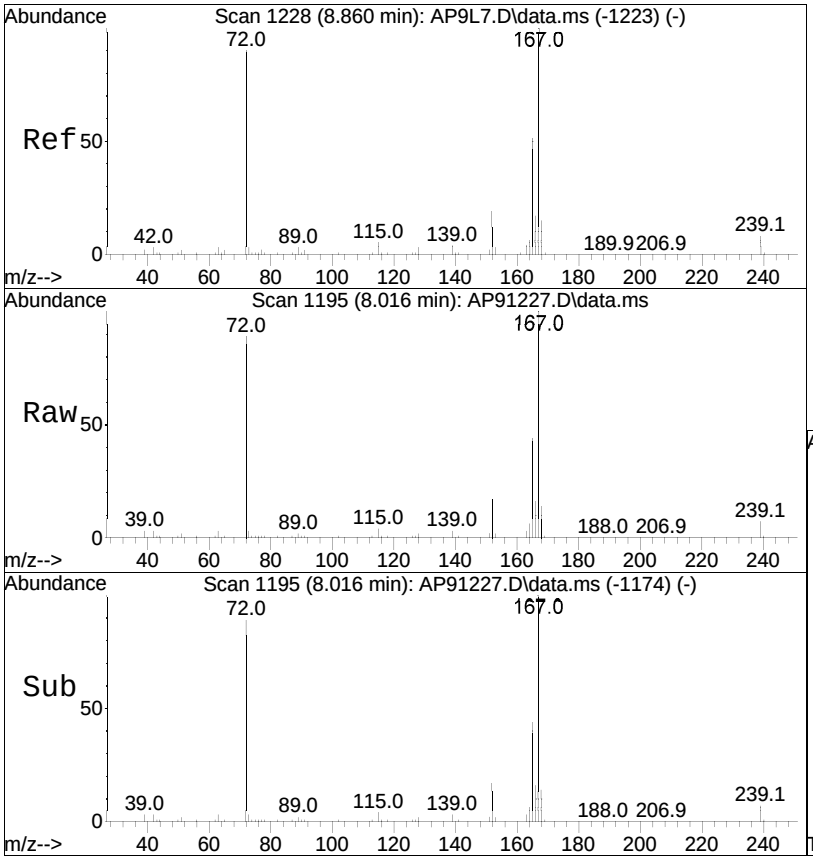


#85
Pentachloronitrobenzene
Concen: 50.93 ug/ml
RT: 7.075 min Scan# 1035
Delta R.T. 0.000 min
Lab File: AP91227.D
Acq: 27 Dec 2025 8:04 am

Tgt Ion:237 Resp: 60706

Ion	Ratio	Lower	Upper
237	100		
142	56.0	53.6	80.4
214	71.6	58.6	87.8

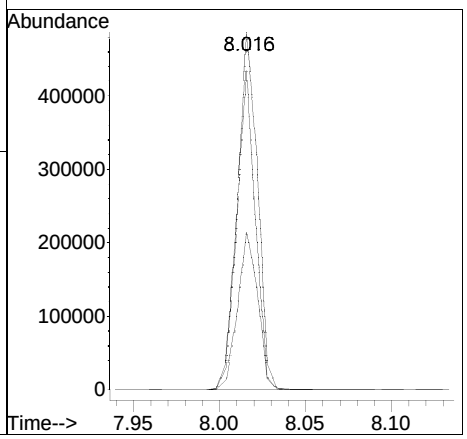




#99
Diphenamid
Concen: 53.12 ug/ml
RT: 8.016 min Scan# 1195
Delta R.T. 0.000 min
Lab File: AP91227.D
Acq: 27 Dec 2025 8:04 am

Tgt Ion:167 Resp: 384080

Ion	Ratio	Lower	Upper
167	100		
72	85.0	82.6	124.0
165	44.6	39.8	59.8



Manual Integration Report

Data Path	: I:\8270\Juliet\251227\	QMethod	: FS250614Juliet.m
Data File	: AP91227.D	Operator	: Juliet:jg
Date Inj'd	: 12/27/2025 8:04 am	Instrument	: Juliet
Sample	: WG2159109-4,32,,AP9 12055	Quant Date	: 12/27/2025 8:44 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\8270\Juliet\251227\
Data File : ADP1227.D
Acq On : 27 Dec 2025 8:28 am
Operator : Juliet:jg
Sample : WG2159109-5,32,,ADP 12023 gmr1209C
Misc : WG2159109,,ical22379
ALS Vial : 98 Sample Multiplier: 1

Quant Time: Dec 27 08:54:52 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:55:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
32	I	IS3_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	78	0.00
33	T	1,4-Dioxane	0.304	0.439	-44.4#	112	0.00
34	T	n-Decane	0.752	1.056	-40.4#	108	0.00
86	I	IS3_Acenaphthene-d10	1.000	1.000	0.0	79	0.00
87	T	Atrazine	0.463	0.487	-5.2	79	0.00
100	I	IS3_Phenanthrene-d10	1.000	1.000	0.0	83	0.00
101	T	n-Octadecane	0.205	0.315	-53.7#	120	0.00
102	T	Parathion	0.071	0.126	-77.5#	140	0.00
103	T	3,3'-Dimethylbenzidine	0.953	1.033	-8.4	86	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\251227\
Data File : ADP1227.D
Acq On : 27 Dec 2025 8:28 am
Operator : Juliet:jg
Sample : WG2159109-5,32,,ADP 12023 gmr1209C
Misc : WG2159109,,ical22379
ALS Vial : 98 Sample Multiplier: 1

Quant Time: Dec 27 08:54:52 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:55:21 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.340	152	71110	40.000	ug/ml	0.00
86) IS3_Acenaphthene-d10	5.934	164	198256	40.000	ug/ml	0.00
100) IS3_Phenanthrene-d10	7.204	188	465410	40.000	ug/ml	# 0.00
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.081	88	39028	72.156	ug/ml#	91
34) n-Decane	3.246	57	93822	70.155	ug/ml	96
87) Atrazine	7.028	200	120587	52.531	ug/ml	98
101) n-Octadecane	7.210	57	183477	76.911	ug/ml	96
102) Parathion	7.910	109	73136	88.825	ug/ml	94
103) 3,3'-Dimethylbenzidine	9.039	212	600831	54.171	ug/ml	97

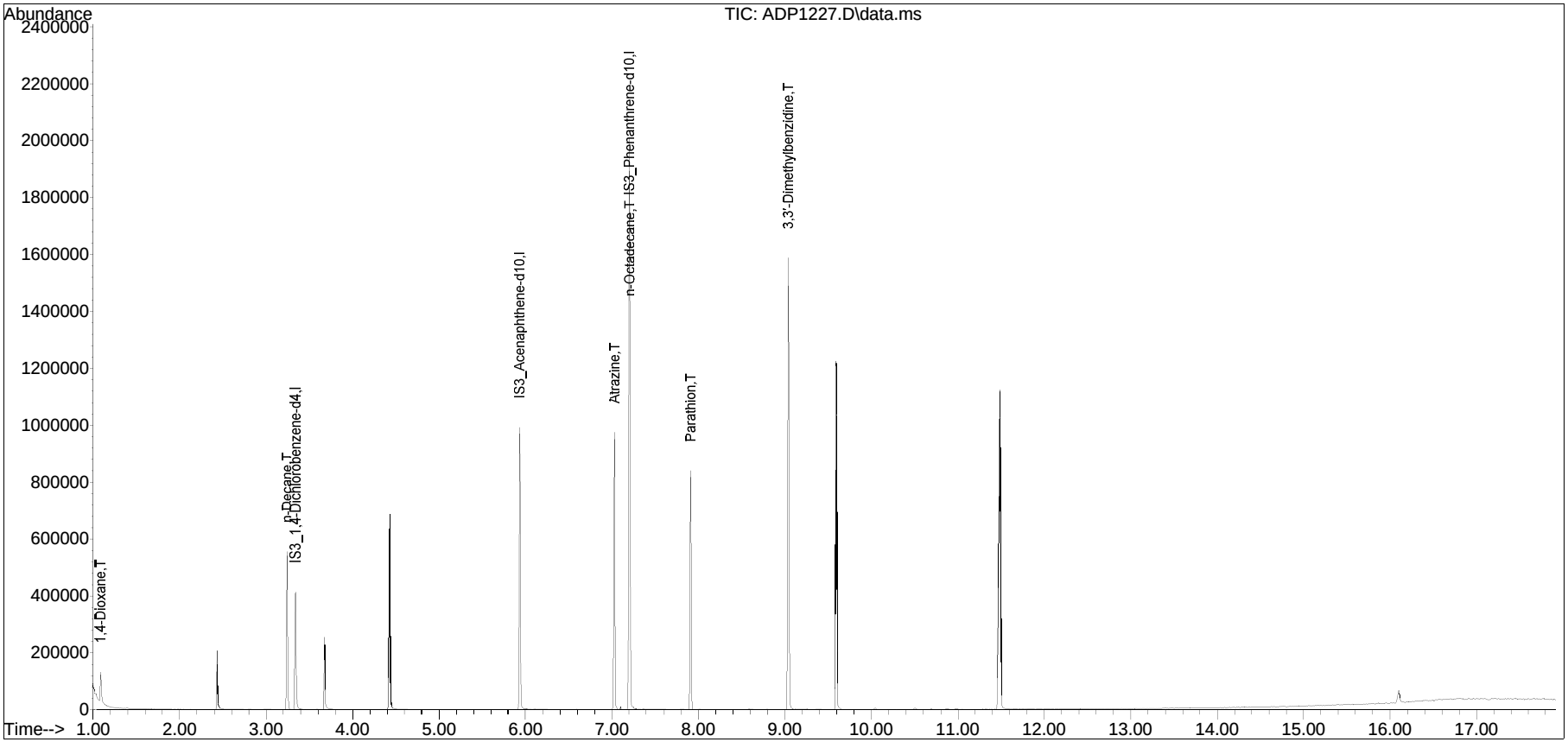
(#) = qualifier out of range (m) = manual integration (+) = signals summed

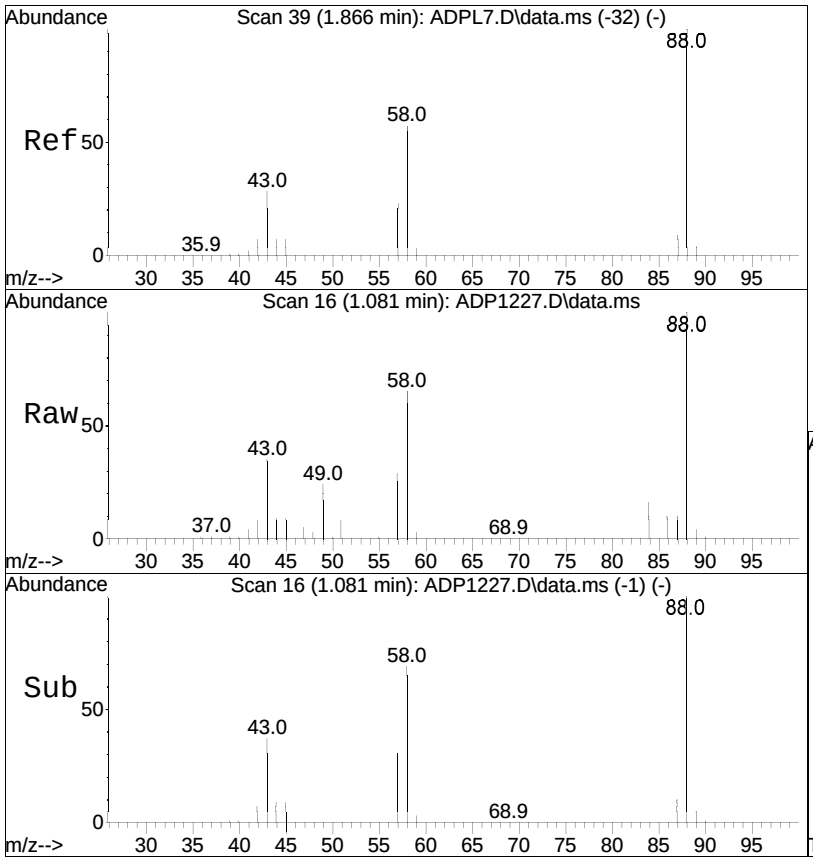
Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\251227\
Data File : ADP1227.D
Acq On : 27 Dec 2025 8:28 am
Operator : Juliet:jg
Sample : WG2159109-5,32,,ADP 12023 gmr1209C
Misc : WG2159109,,ical22379
ALS Vial : 98 Sample Multiplier: 1

Quant Time: Dec 27 08:54:52 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:55:21 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublist

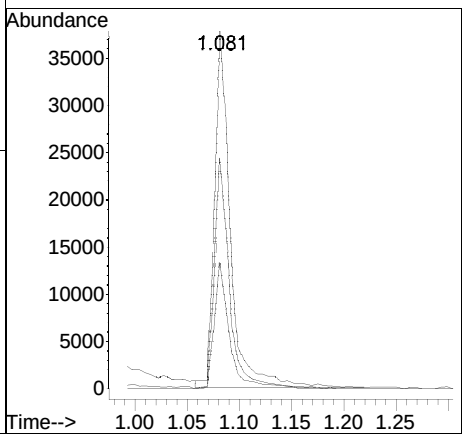


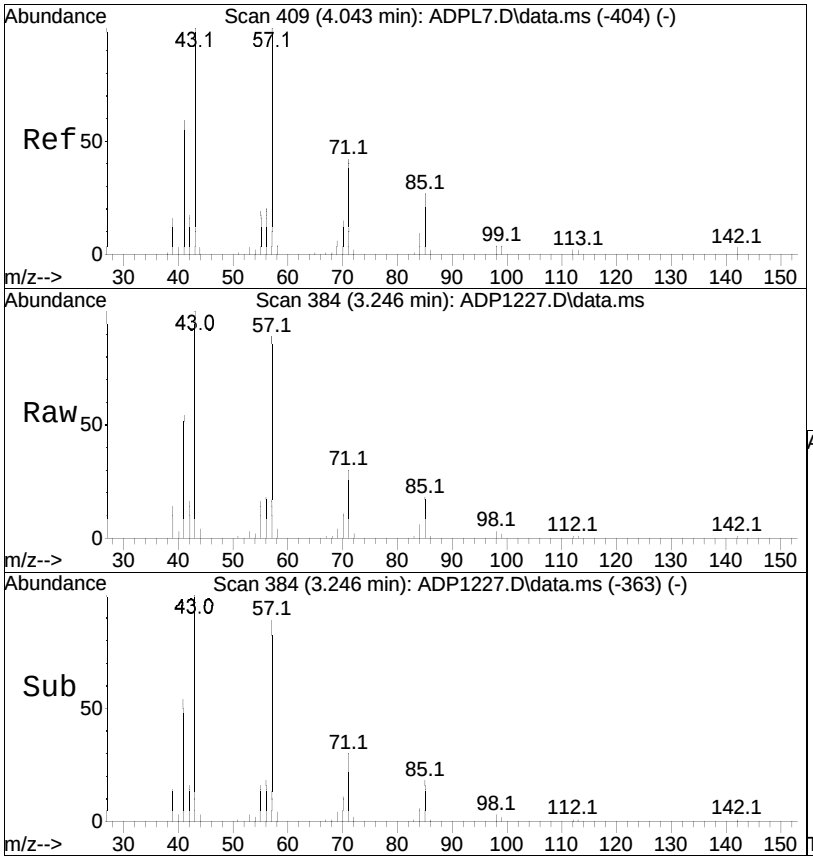


#33
1,4-Dioxane
Concen: 72.16 ug/ml
RT: 1.081 min Scan# 16
Delta R.T. 0.000 min
Lab File: ADP1227.D
Acq: 27 Dec 2025 8:28 am

Tgt Ion: 88 Resp: 39028

Ion	Ratio	Lower	Upper
88	100		
58	61.0	44.8	67.2
43	35.4	22.4	33.6#

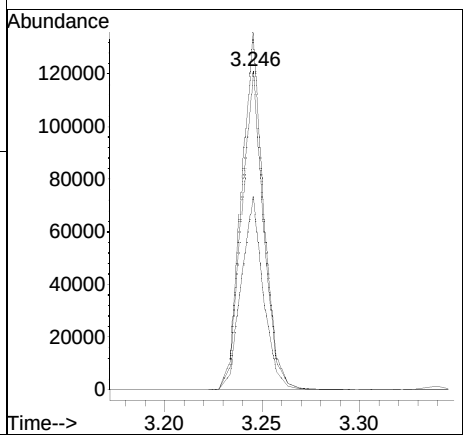


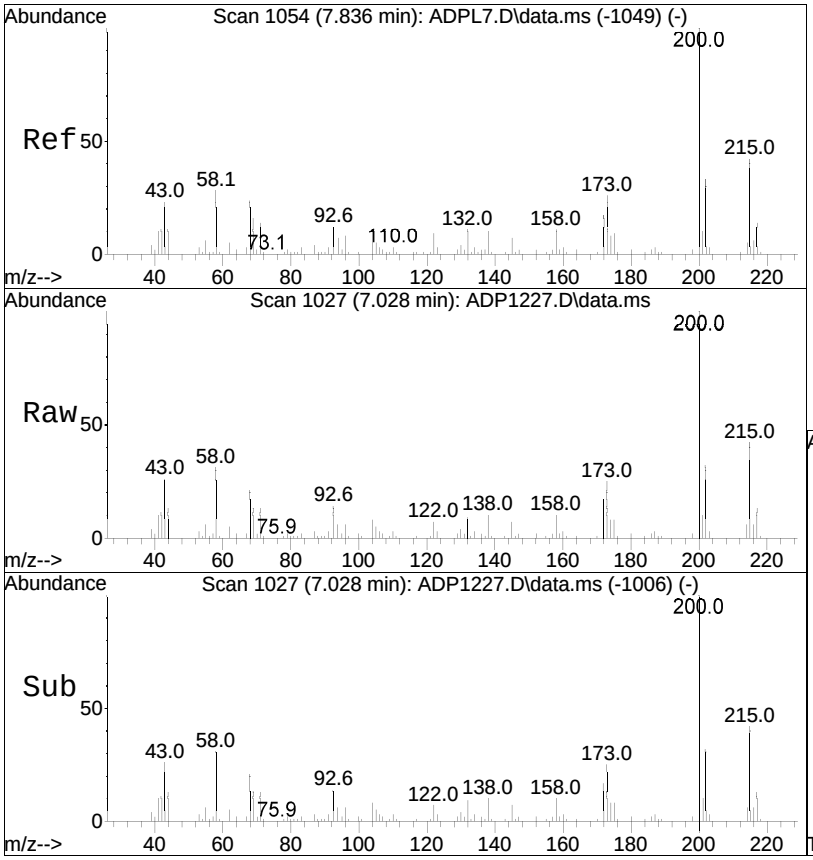


#34
n-Decane
Concen: 70.15 ug/ml
RT: 3.246 min Scan# 384
Delta R.T. 0.000 min
Lab File: ADP1227.D
Acq: 27 Dec 2025 8:28 am

Tgt Ion: 57 Resp: 93822

Ion	Ratio	Lower	Upper
57	100		
43	113.2	87.7	131.5
41	61.5	46.0	69.0

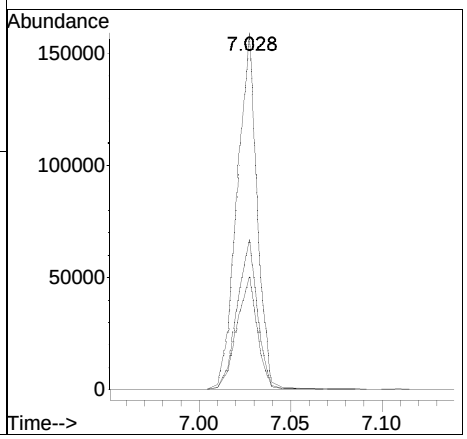


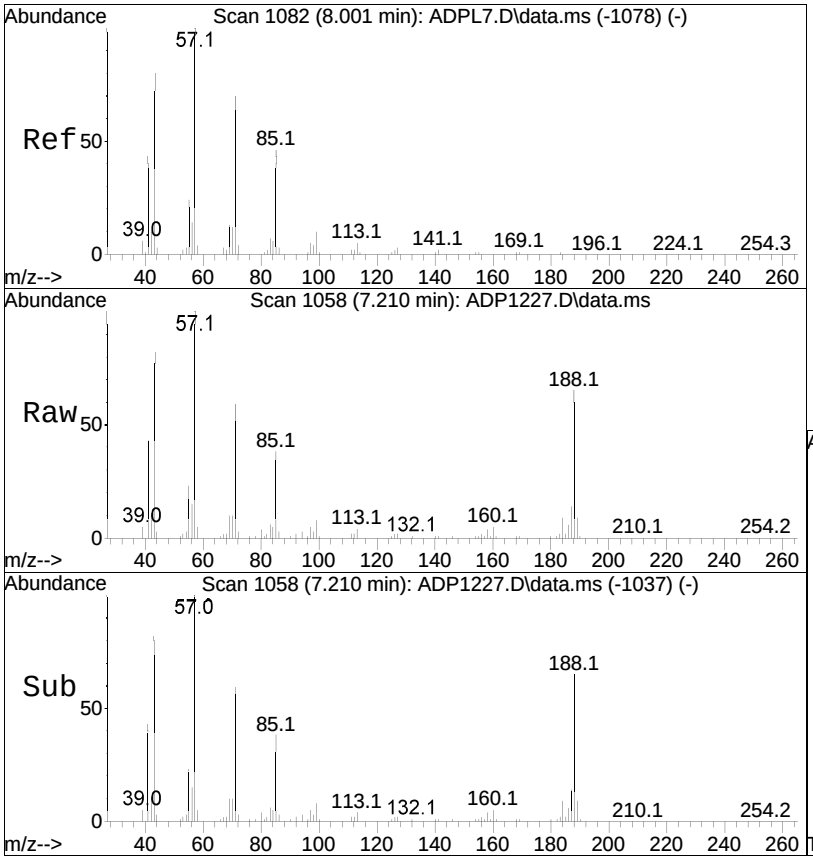


#87
Atrazine
Concen: 52.53 ug/ml
RT: 7.028 min Scan# 1027
Delta R.T. 0.000 min
Lab File: ADP1227.D
Acq: 27 Dec 2025 8:28 am

Tgt Ion:200 Resp: 120587

Ion	Ratio	Lower	Upper
200	100		
202	32.6	26.5	39.7
215	42.5	35.8	53.6

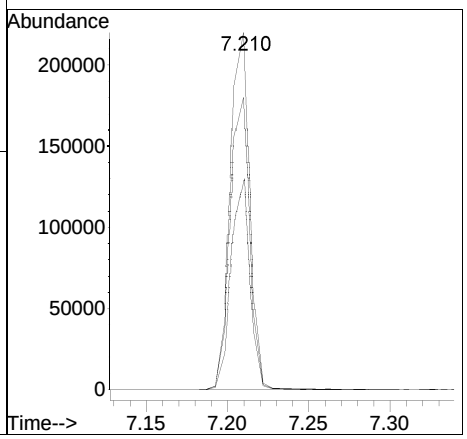


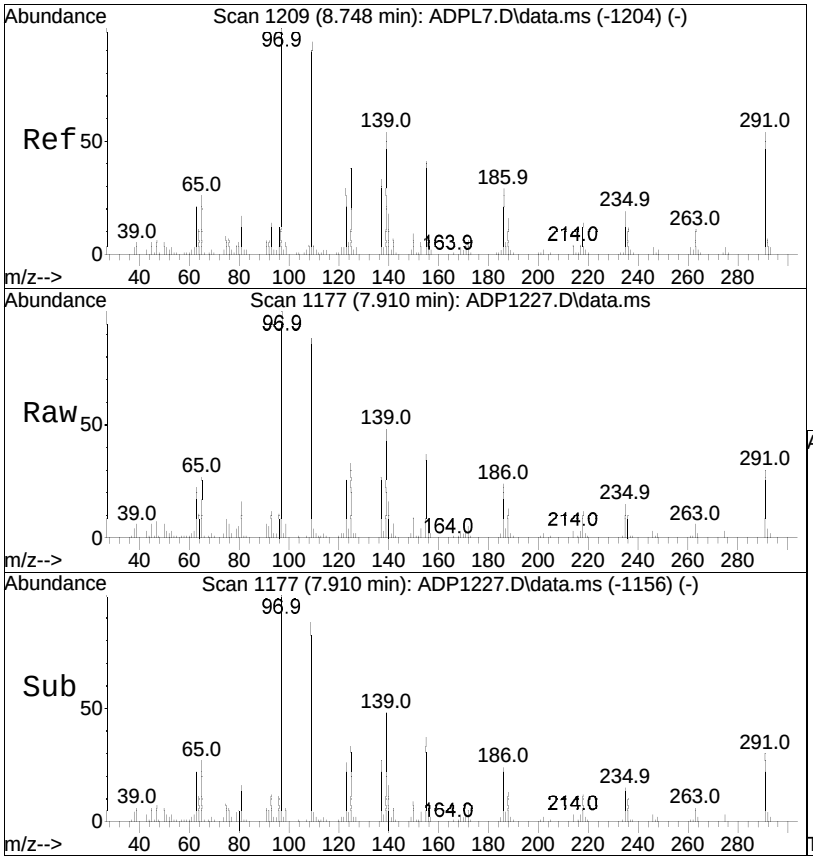


#101
n-Octadecane
Concen: 76.91 ug/ml
RT: 7.210 min Scan# 1058
Delta R.T. 0.000 min
Lab File: ADP1227.D
Acq: 27 Dec 2025 8:28 am

Tgt Ion: 57 Resp: 183477

Ion	Ratio	Lower	Upper
57	100		
43	82.6	64.6	96.8
71	57.1	49.9	74.9

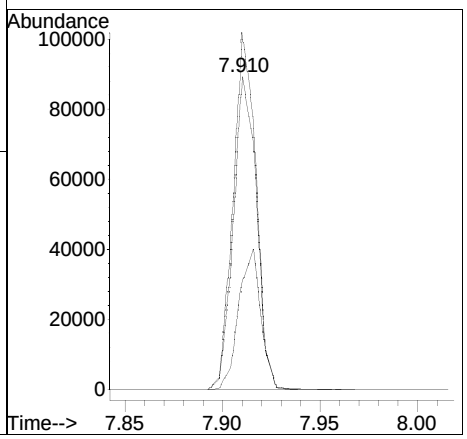


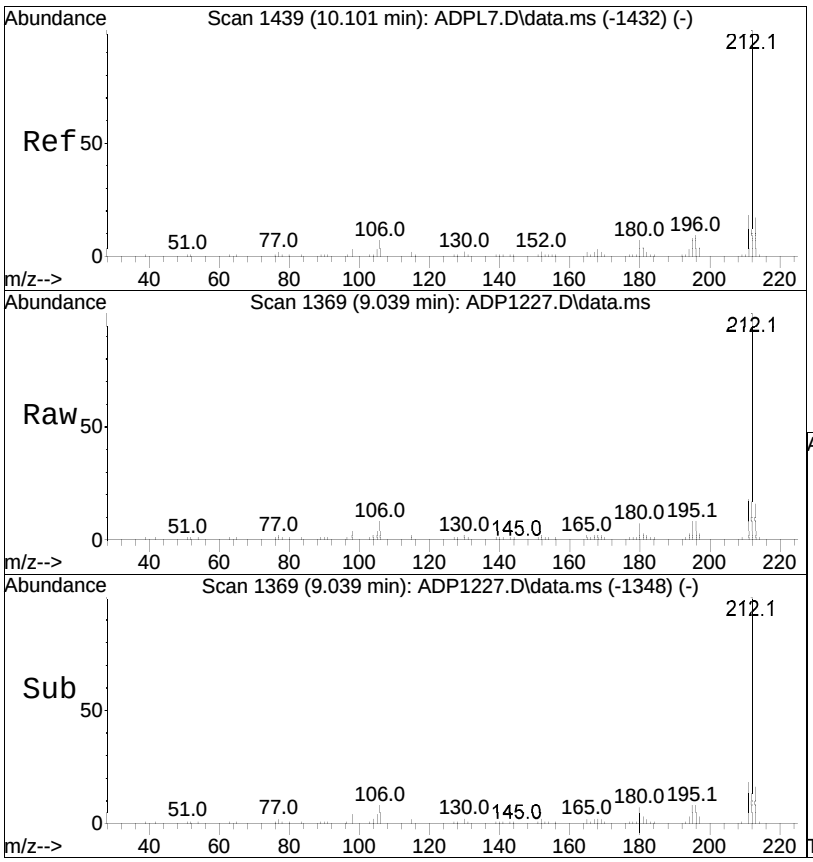


#102
Parathion
Concen: 88.82 ug/ml
RT: 7.910 min Scan# 1177
Delta R.T. 0.000 min
Lab File: ADP1227.D
Acq: 27 Dec 2025 8:28 am

Tgt Ion:109 Resp: 73136

Ion	Ratio	Lower	Upper
109	100		
97	113.0	83.4	125.2
291	43.1	34.2	51.4

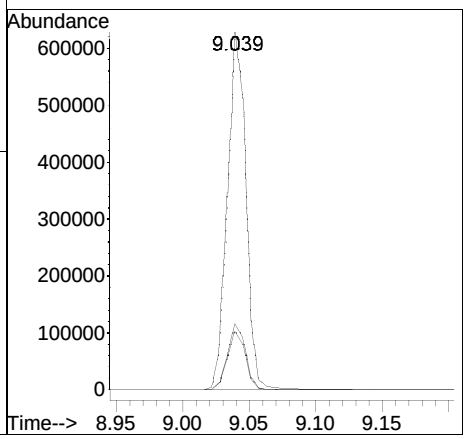




#103
3,3'-Dimethylbenzidine
Concen: 54.17 ug/ml
RT: 9.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: ADP1227.D
Acq: 27 Dec 2025 8:28 am

Tgt Ion:212 Resp: 600831

Ion	Ratio	Lower	Upper
212	100		
211	18.2	15.3	22.9
213	16.3	14.3	21.5



Manual Integration Report

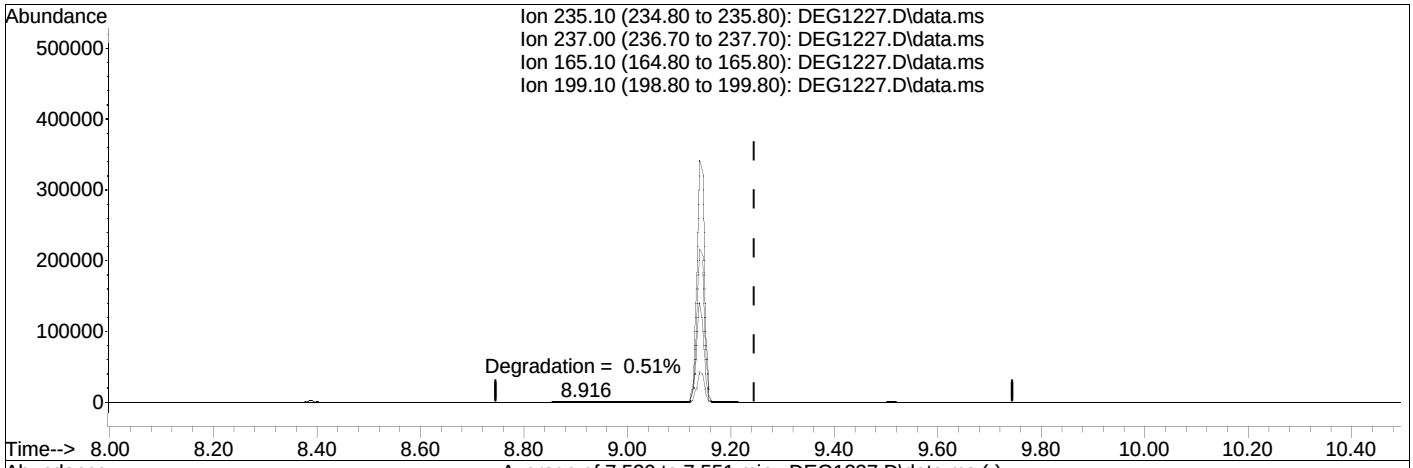
Data Path	: I:\8270\Juliet\251227\	QMethod	: FS250614Juliet.m
Data File	: ADP1227.D	Operator	: Juliet:jg
Date Inj'd	: 12/27/2025 8:28 am	Instrument	: Juliet
Sample	: WG2159109-5,32,,ADP 12023	Quant Date	: 12/27/2025 8:55 am

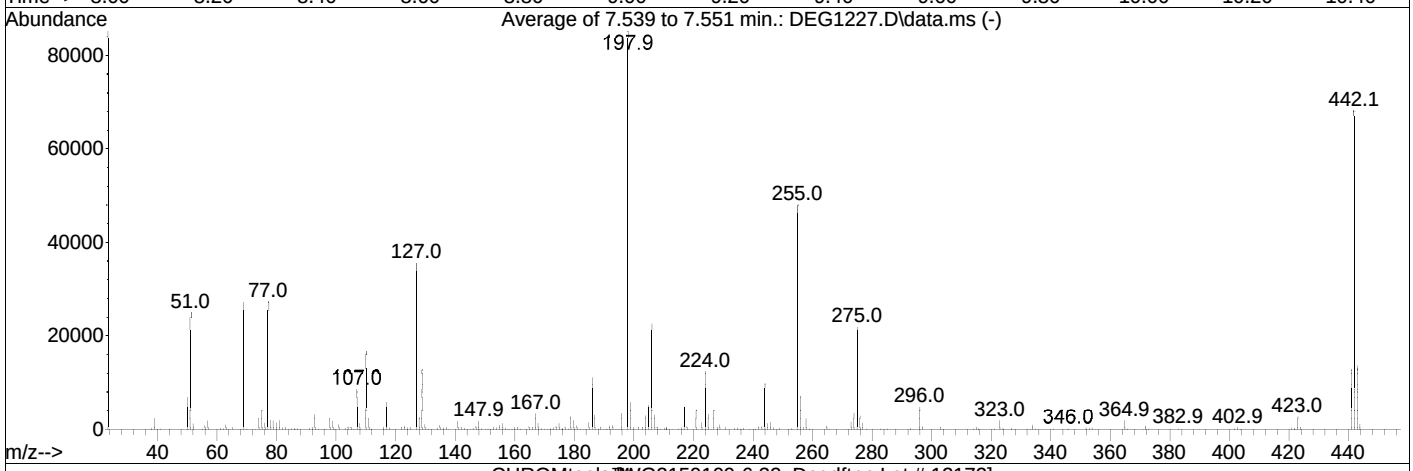
There are no manual integrations or false positives in this file.

Quantitation Report (Qedit)

Data Path : I:\8270\Juliet\251227\
Data File : DEG1227.D
Acq On : 27 Dec 2025 7:17 am
Operator : Juliet:jg
Sample : WG2159109-2,32,,Degdftpp Lot # 12172
Misc : WG2159109,,ical22379
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Dec 27 08:30:06 2025
Quant Method : I:\8270\Juliet\251227\DftppJuliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:39:27 2025
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





CHROMtools [WG2159109-6,32,,Degdftpp Lot # 12172]

(6) DDT (T)

9.139min (-0.106) 67.98

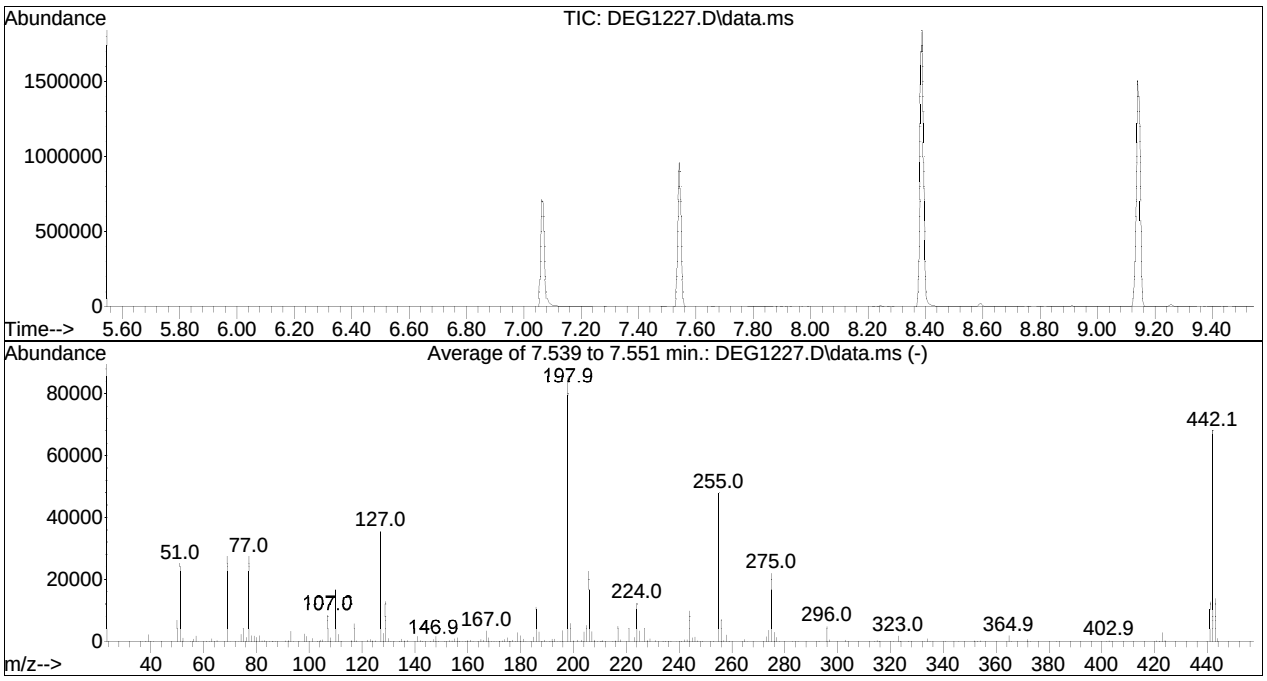
response 336177

Ion	Exp%	Act%
235.10	100.00	100.00
237.00	63.60	63.39
165.10	48.40	39.25
199.10	13.50	12.30

Data Path : I:\8270\Juliet\251227\
Data File : DEG1227.D
Acq On : 27 Dec 2025 7:17 am
Operator : Juliet:gmr
Sample : WG2159109-1,32,,Degdftpp Lot # 12172
Misc : WG2159109,,ical22379
ALS Vial : 100 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\Juliet\251227\FS250614Juliet.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Sat Dec 27 08:55:19 2025



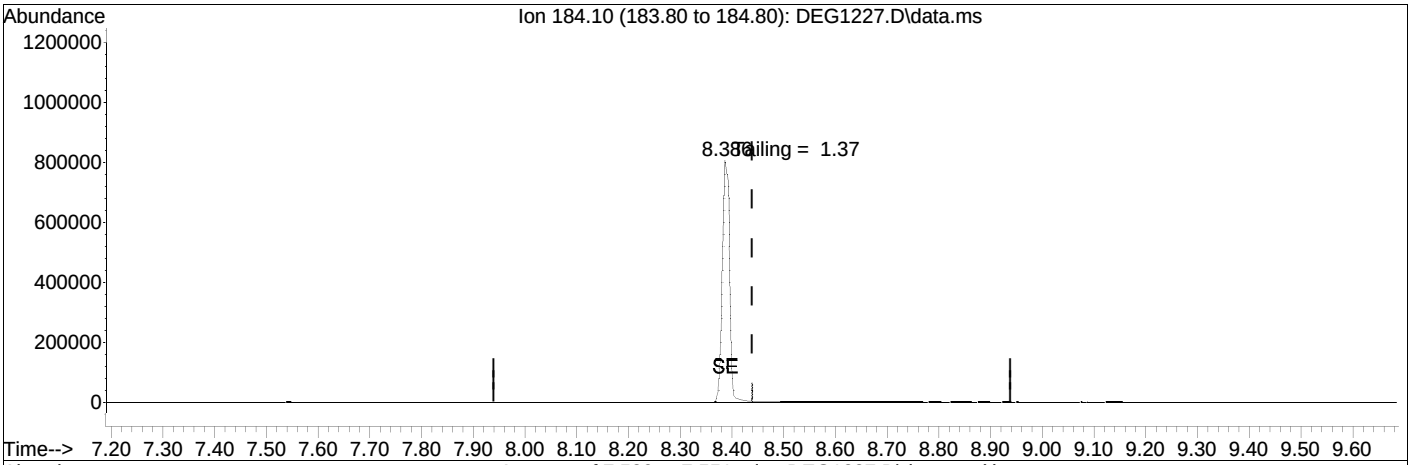
Spectrum Information: Average of 7.539 to 7.551 min.

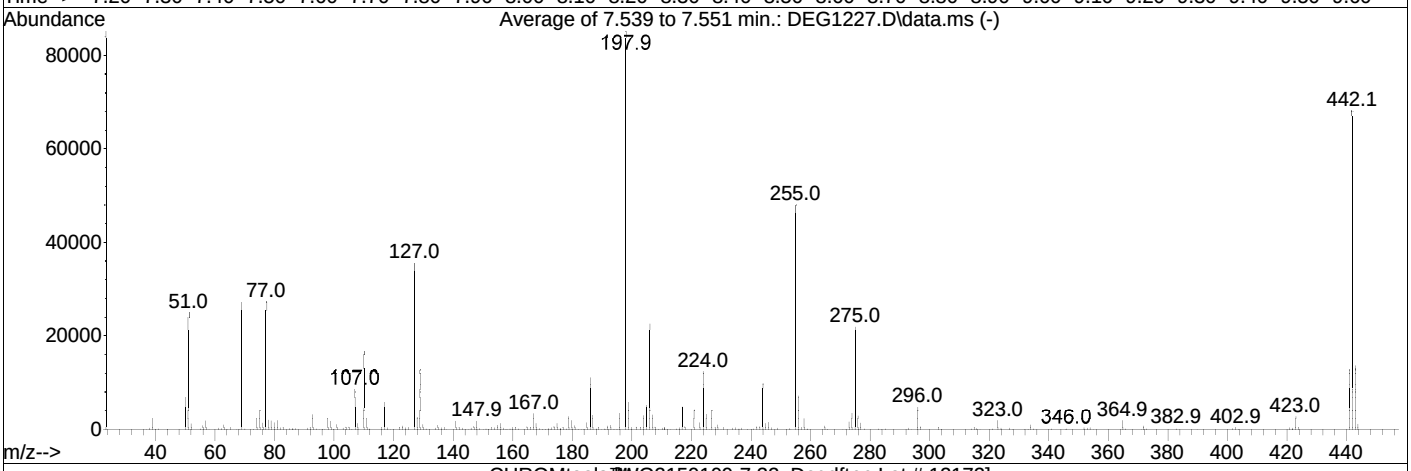
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	29.3	24980	PASS
68	69	0.00	2	0.3	95	PASS
69	69	100	100	100.0	27202	PASS
70	69	0.00	2	0.6	176	PASS
127	198	10	80	41.7	35545	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	85179	PASS
199	198	5	9	6.8	5802	PASS
275	198	10	60	25.8	21958	PASS
365	198	1	100	2.2	1852	PASS
441	442	0.01	24	18.7	12720	PASS
442	198	50	100	80.0	68147	PASS
443	442	15	24	20.1	13678	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\Juliet\251227\
Data File : DEG1227.D
Acq On : 27 Dec 2025 7:17 am
Operator : Juliet:jg
Sample : WG2159109-6,32,,Degdftpp Lot # 12172
Misc : WG2159109,,ical22379
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Dec 27 08:30:06 2025
Quant Method : I:\8270\Juliet\251227\DftppJuliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:39:27 2025
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





CHROMtools [WG2159109-7,32,,Degdftpp Lot # 12172]

(3) Benzidine (T)

8.386min (-0.053) 59.70

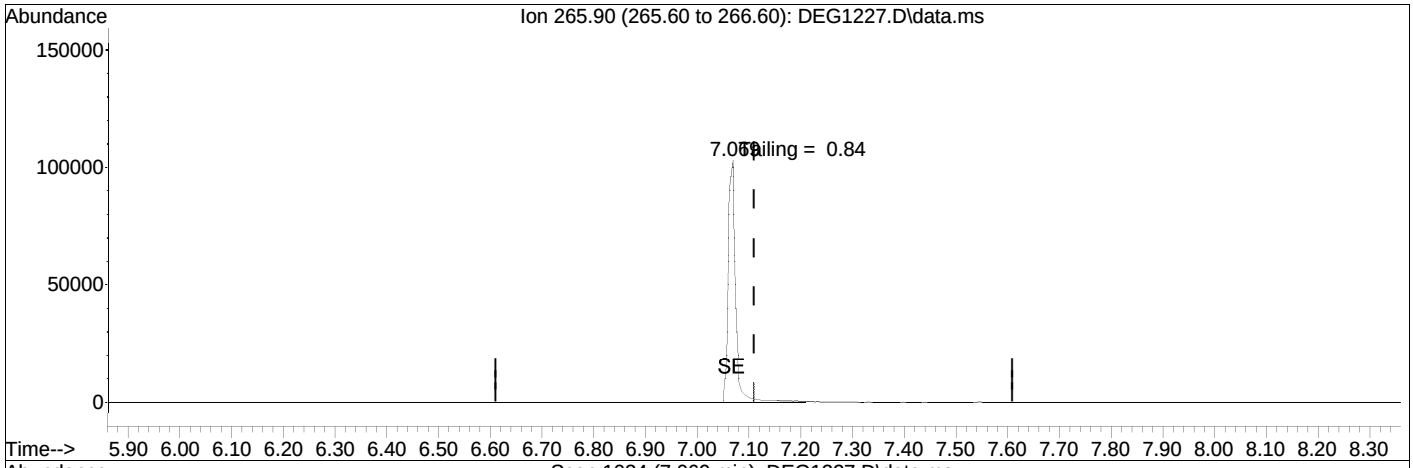
response 735402

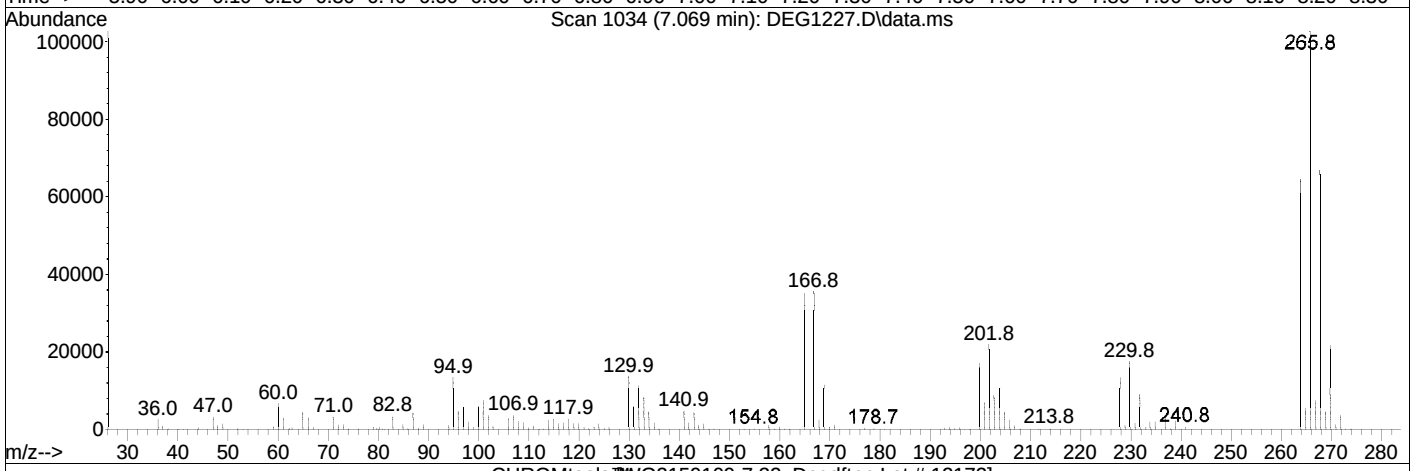
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\Juliet\251227\
Data File : DEG1227.D
Acq On : 27 Dec 2025 7:17 am
Operator : Juliet:jg
Sample : WG2159109-7,32,,Degdftpp Lot # 12172
Misc : WG2159109,,ical22379
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Dec 27 08:30:06 2025
Quant Method : I:\8270\Juliet\251227\DftppJuliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Jun 15 17:39:27 2025
Response via : Continuing Cal File: C:\ENVDEMO\BNADATA\DLWB002.D





CHROMtools [WG2159109-7,32,,Degdftpp Lot # 12172]

(1) Pentachlorophenol (T)

7.069min (-0.041) 49.81

response 97835

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV134\251229\
Data File : ABN1229.D
Acq On : 29 Dec 2025 06:49 am
Operator : SV134:cmm
Sample : WG2159560-3,32,,ABN 12168 smc1229C
Misc : WG2159560,,ical22604
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Dec 29 07:16:20 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 21:05:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	IS1_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	66	0.00
2	t	n-Nitrosodimethylamine	0.762	0.773	-1.4	66	0.00
3	t	Pyridine	1.000	1.321	-32.1#	79	0.00
4	S	2-Fluorophenol	1.113	1.154	-3.7	66	0.00
5	T	Aniline	1.952	1.995	-2.2	66	0.00
6	t	2-Chlorophenol	1.301	1.363	-4.8	66	0.00
7	S	Phenol-d6	1.384	1.489	-7.6	68	0.00
8	T	Phenol	1.671	1.745	-4.4	67	0.00
9	T	Bis(2-chloroethyl)ether	1.220	1.199	1.7	64	0.00
10	T	1,3-Dichlorobenzene	1.544	1.537	0.5	65	0.00
11	T	1,4-Dichlorobenzene	1.595	1.560	2.2	65	0.00
12	T	1,2-Dichlorobenzene	1.511	1.492	1.3	65	0.00
13	t	Benzyl alcohol	1.001	1.137	-13.6	69	0.00
14	T	Bis(2-chloroisopropyl)ether	2.117	2.245	-6.0	69	0.00
15	T	2-Methylphenol	1.164	1.214	-4.3	67	0.00
16	T	Hexachloroethane	0.546	0.556	-1.8	66	0.00
17	T	n-Nitrosodi-n-propylamine	0.920	0.955	-3.8	66	0.00
18	T	3-Methylphenol/4-Methylphen	1.219	1.303	-6.9	68	0.00
19	S	Nitrobenzene-d5	1.122	1.397	-24.5#	74	0.00
20	T	Nitrobenzene	1.174	1.427	-21.6#	72	0.00
21	T	Isophorone	2.543	2.664	-4.8	67	0.00
22	T	2-Nitrophenol	0.486	0.778	-60.1#	95	0.00
23	T	2,4-Dimethylphenol	1.289	1.410	-9.4	69	0.00
24	T	Bis(2-chloroethoxy)methane	1.602	1.661	-3.7	66	0.00
25	T	2,4-Dichlorophenol	1.121	1.327	-18.4	72	0.00
26	T	1,2,4-Trichlorobenzene	1.353	1.441	-6.5	70	0.00
35	I	IS1_Naphthalene-d8	1.000	1.000	0.0	71	0.00
36	T	Naphthalene	1.078	1.043	3.2	69	0.00
37	T	Benzoic Acid	* 50.000	58.451	-16.9	86	0.00
38	T	4-Chloroaniline	0.139	0.135	2.9	66	0.00
39	T	Hexachlorobutadiene	0.219	0.212	3.2	69	0.00
40	T	p-Chloro-m-cresol	0.295	0.315	-6.8	70	0.00
41	T	2-Methylnaphthalene	0.665	0.673	-1.2	70	0.00
42	T	1-Methylnaphthalene	0.235	0.225	4.3	67	0.00
43	T	Hexachlorocyclopentadiene	0.189	0.281	-48.7#	94	0.00
44	T	2,4,6-Trichlorophenol	0.222	0.271	-22.1#	78	0.00
45	T	2,4,5-Trichlorophenol	0.251	0.290	-15.5	75	0.00
46	S	2-Fluorobiphenyl	0.848	0.886	-4.5	73	0.00

Data Path : I:\8270\SV134\251229\
Data File : ABN1229.D
Acq On : 29 Dec 2025 06:49 am
Operator : SV134:cmm
Sample : WG2159560-3,32,,ABN 12168 smc1229C
Misc : WG2159560,,ical22604
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Dec 29 07:16:20 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 21:05:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
47	T	2-Chloronaphthalene		0.724	0.742	-2.5	71	0.00
48	T	2-Nitroaniline		0.182	0.245	-34.6#	85	0.00
49	T	1,4-Dinitrobenzene		0.084	0.129	-53.6#	101	0.00
50	T	1,3-Dinitrobenzene		0.097	0.142	-46.4#	94	0.00
51	T	Dimethyl phthalate		0.863	0.908	-5.2	72	0.00
52	T	Acenaphthylene		1.195	1.237	-3.5	71	0.00
53	T	2,6-Dinitrotoluene	*	50.000	61.843	-23.7#	86	0.00
54	T	1,2-Dinitrobenzene		0.062	0.091	-46.8#	90	0.00
63	I	IS1_Acenaphthene-d10		1.000	1.000	0.0	83	0.00
64	T	3-Nitroaniline		0.304	0.324	-6.6	77	0.00
65	T	Acenaphthene		1.190	1.023	14.0	71	0.00
66	T	2,4-Dinitrophenol	*	50.000	87.705	-75.4#	148	0.00
67	T	Dibenzofuran		1.877	1.651	12.0	73	0.00
68	T	2,4-Dinitrotoluene	*	50.000	53.245	-6.5	88	0.00
69	T	4-Nitrophenol		0.260	0.250	3.8	74	0.00
70	T	2,3,5,6-Tetrachlorophenol		0.325	0.392	-20.6#	87	0.00
71	T	2,3,4,6-Tetrachlorophenol		0.346	0.377	-9.0	81	0.00
72	T	Diethyl phthalate		1.519	1.349	11.2	71	0.00
73	T	Fluorene		1.511	1.364	9.7	73	0.00
74	T	4-Chlorophenyl phenyl ether		0.746	0.666	10.7	75	0.00
75	T	4-Nitroaniline		0.312	0.340	-9.0	80	0.00
76	T	4,6-Dinitro-o-cresol	*	50.000	73.061	-46.1#	123	0.00
77	T	NDPA/DPA		1.310	1.169	10.8	73	0.00
78	T	Azobenzene		1.406	1.171	16.7	67	0.00
79	S	2,4,6-Tribromophenol		0.187	0.213	-13.9	85	0.00
80	T	4-Bromophenyl phenyl ether		0.450	0.413	8.2	76	0.00
81	T	Hexachlorobenzene		0.510	0.449	12.0	73	0.00
82	T	Pentachlorophenol	*	50.000	51.693	-3.4	89	0.00
88	I	IS1_Phenanthrene-d10		1.000	1.000	0.0	81	0.00
89	T	Phenanthrene		1.168	1.047	10.4	74	0.00
90	T	Anthracene		1.166	1.076	7.7	73	0.00
91	T	Carbazole		1.104	0.984	10.9	71	0.00
92	T	Di-n-butylphthalate		1.197	1.161	3.0	71	0.00
93	T	Fluoranthene		1.341	1.220	9.0	71	0.01
94	T	Benzidine		0.766	0.835	-9.0	79	0.01
95	T	Pyrene		1.404	1.278	9.0	72	0.01
96	S	4-Terphenyl-d14		1.003	0.936	6.7	73	0.01

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV134\251229\
Data File : ABN1229.D
Acq On : 29 Dec 2025 06:49 am
Operator : SV134:cmm
Sample : WG2159560-3,32,,ABN 12168 smc1229C
Misc : WG2159560,,ical22604
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Dec 29 07:16:20 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 21:05:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
97	T	Butyl benzyl phthalate	0.527	0.515	2.3	71	0.01
104	I	IS1_Chrysene-d12	1.000	1.000	0.0	74	0.02
105	T	Benzo(a)anthracene	1.369	1.341	2.0	71	0.02
106	T	3,3'-Dichlorobenzidine	0.471	0.504	-7.0	73	0.02
107	T	Chrysene	1.314	1.266	3.7	72	0.02
108	T	Bis(2-ethylhexyl)phthalate	0.758	0.827	-9.1	71	0.02
109	T	Di-n-octylphthalate	1.374	1.373	0.1	69	0.02
110	T	Benzo(b)fluoranthene	1.286	1.230	4.4	69	0.02
111	T	Benzo(k)fluoranthene	1.292	1.265	2.1	71	0.02
112	T	Benzo(a)pyrene	1.204	1.196	0.7	70	0.02
113	I	IS1_Perylene-d12	1.000	1.000	0.0	76	0.02
114	T	Indeno(1,2,3-cd)pyrene	1.084	0.949	12.5	62	0.02
115	T	Dibenzo(a,h)anthracene	1.090	0.947	13.1	63	0.02
116	T	Benzo(ghi)perylene	1.132	0.943	16.7	61	0.03

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\251229\
Data File : ABN1229.D
Acq On : 29 Dec 2025 06:49 am
Operator : SV134:cmm
Sample : WG2159560-3,32,,ABN 12168 smc1229C
Misc : WG2159560,,ical22604
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Dec 29 07:16:20 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 21:05:38 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	4.096	152	113676	40.000	ug/ml		0.00
35) IS1_Naphthalene-d8	5.193	136	460433	40.000	ug/ml		0.00
63) IS1_Acenaphthene-d10	6.726	164	312198	40.000	ug/ml		0.00
88) IS1_Phenanthrene-d10	8.022	188	626848M3	40.000	ug/ml		0.00
104) IS1_Chrysene-d12	10.760	240	607398	40.000	ug/ml	#	0.02
113) IS1_Perylene-d12	12.901	264	672116	40.000	ug/ml		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	3.011	112	163980	51.822	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 103.64%				
7) Phenol-d6	3.795	99	211641	53.802	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 107.60%				
19) Nitrobenzene-d5	4.568	82	198476	62.234	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 248.94%#				
46) 2-Fluorobiphenyl	6.144	172	509651	52.242	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 208.97%#				
79) 2,4,6-Tribromophenol	7.416	330	82959	56.765	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 113.53%#				
96) 4-Terphenyl-d14	9.507	244	733542	46.664	ug/ml		0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 186.66%#				
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	1.979	74	109841	50.701	ug/ml#		81
3) Pyridine	2.017	79	187654	66.040	ug/ml#		43
5) Aniline	3.816	93	283491	51.099	ug/ml#		83
6) 2-Chlorophenol	3.919	128	193606	52.382	ug/ml		93
8) Phenol	3.807	94	247918	52.216	ug/ml#		82
9) Bis(2-chloroethyl)ether	3.875	93	170418	49.157	ug/ml#		78
10) 1,3-Dichlorobenzene	4.049	146	218441	49.770	ug/ml		94
11) 1,4-Dichlorobenzene	4.108	146	221699	48.920	ug/ml		96
12) 1,2-Dichlorobenzene	4.239	146	212015	49.371	ug/ml		95
13) Benzyl alcohol	4.220	79	161534	56.793	ug/ml		95
14) Bis(2-chloroisopropyl)...	4.345	45	318935	53.012	ug/ml#		55
15) 2-Methylphenol	4.323	108	172479	52.161	ug/ml		99
16) Hexachloroethane	4.531	117	79035	50.898	ug/ml#		37
17) n-Nitrosodi-n-propylamine	4.453	70	135751	51.915	ug/ml		96
18) 3-Methylphenol/4-Methy...	4.460	108	185215	53.464	ug/ml		95
20) Nitrobenzene	4.584	77	202769	60.792	ug/ml		99
21) Isophorone	4.798	82	378601	52.386	ug/ml		98
22) 2-Nitrophenol	4.864	139	110502	79.972	ug/ml		97

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\251229\
Data File : ABN1229.D
Acq On : 29 Dec 2025 06:49 am
Operator : SV134:cmm
Sample : WG2159560-3,32,,ABN 12168 smc1229C
Misc : WG2159560,,ical22604
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Dec 29 07:16:20 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 21:05:38 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) 2,4-Dimethylphenol	4.917	107	200374	54.720	ug/ml	98
24) Bis(2-chloroethoxy)met...	4.997	93	235968	51.823	ug/ml	99
25) 2,4-Dichlorophenol	5.075	162	188496	59.181	ug/ml#	93
26) 1,2,4-Trichlorobenzene	5.150	180	204738	53.251	ug/ml	98
36) Naphthalene	5.209	128	600331	48.373	ug/ml	99
37) Benzoic Acid	5.016	105	134082M1	58.451	ug/ml	
38) 4-Chloroaniline	5.262	65	77783	48.643	ug/ml	85
39) Hexachlorobutadiene	5.339	225	122143	48.522	ug/ml	99
40) p-Chloro-m-cresol	5.697	107	181266	53.374	ug/ml	95
41) 2-Methylnaphthalene	5.815	142	387229	50.608	ug/ml	94
42) 1-Methylnaphthalene	5.902	115	129673	48.018	ug/ml#	70
43) Hexachlorocyclopentadiene	5.967	237	161769	74.288	ug/ml	98
44) 2,4,6-Trichlorophenol	6.070	196	155778	61.027	ug/ml	100
45) 2,4,5-Trichlorophenol	6.095	196	167090	57.886	ug/ml	96
47) 2-Chloronaphthalene	6.238	162	427168	51.249	ug/ml	95
48) 2-Nitroaniline	6.331	138	140774	67.116	ug/ml	94
49) 1,4-Dinitrobenzene	6.446	168	74112	76.726	ug/ml#	69
50) 1,3-Dinitrobenzene	6.517	168	81697	72.844	ug/ml#	67
51) Dimethyl phthalate	6.508	163	522533	52.572	ug/ml#	99
52) Acenaphthylene	6.598	152	711657	51.753	ug/ml	99
53) 2,6-Dinitrotoluene	6.548	165	117300	61.843	ug/ml#	79
54) 1,2-Dinitrobenzene	6.592	168	52490	73.202	ug/ml#	75
64) 3-Nitroaniline	6.691	138	126579	53.343	ug/ml	90
65) Acenaphthene	6.753	154	399087	42.977	ug/ml	96
66) 2,4-Dinitrophenol	6.781	184	81287	87.705	ug/ml#	79
67) Dibenzofuran	6.906	168	644316	43.986	ug/ml	89
68) 2,4-Dinitrotoluene	6.900	165	166806	53.245	ug/ml#	75
69) 4-Nitrophenol	6.850	65	97683	48.106	ug/ml	94
70) 2,3,5,6-Tetrachlorophenol	6.980	232	152848	60.304	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	7.021	232	147033	54.446	ug/ml	99
72) Diethyl phthalate	7.133	149	526344	44.405	ug/ml#	94
73) Fluorene	7.204	166	532457	45.137	ug/ml	95
74) 4-Chlorophenyl phenyl ...	7.213	204	260021	44.644	ug/ml#	85
75) 4-Nitroaniline	7.226	138	132582	54.437	ug/ml	95
76) 4,6-Dinitro-o-cresol	7.257	198	106538	73.061	ug/ml#	80
77) NDPA/DPA	7.319	169	456185	44.622	ug/ml	99
78) Azobenzene	7.350	77	456985	41.658	ug/ml#	83
80) 4-Bromophenyl phenyl e...	7.639	248	161212	45.919	ug/ml#	88
81) Hexachlorobenzene	7.695	284	175416	44.065	ug/ml#	83
82) Pentachlorophenol	7.866	266	124869	51.693	ug/ml	98
89) Phenanthrene	8.043	178	820319M3	44.805	ug/ml	

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\251229\
Data File : ABN1229.D
Acq On : 29 Dec 2025 06:49 am
Operator : SV134:cmm
Sample : WG2159560-3,32,,ABN 12168 smc1229C
Misc : WG2159560,,ical22604
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Dec 29 07:16:20 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 21:05:38 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90)	Anthracene	8.087	178	843474	46.172	ug/ml	97
91)	Carbazole	8.233	167	771306	44.590	ug/ml	99
92)	Di-n-butylphthalate	8.569	149	910099	48.533	ug/ml#	97
93)	Fluoranthene	9.106	202	955565	45.469	ug/ml#	86
94)	Benzidine	9.246	184	654238	54.509	ug/ml#	90
95)	Pyrene	9.324	202	1001560	45.526	ug/ml	99
97)	Butyl benzyl phthalate	10.085	149	403783	48.922	ug/ml#	79
105)	Benzo(a)anthracene	10.744	228	1018371	48.975	ug/ml	98
106)	3,3'-Dichlorobenzidine	10.738	252	382692	53.476	ug/ml#	95
107)	Chrysene	10.794	228	961113	48.166	ug/ml	97
108)	Bis(2-ethylhexyl)phtha...	10.897	149	627824	54.523	ug/ml#	99
109)	Di-n-octylphthalate	11.885	149	1042747	49.995	ug/ml	100
110)	Benzo(b)fluoranthene	12.320	252	934028	47.829	ug/ml#	90
111)	Benzo(k)fluoranthene	12.364	252	960739	48.970	ug/ml#	90
112)	Benzo(a)pyrene	12.811	252	908035	49.664	ug/ml#	89
114)	Indeno(1,2,3-cd)pyrene	14.524	276	797310	43.754	ug/mL#	86
115)	Dibenzo(a,h)anthracene	14.574	278	795658	43.439	ug/ml#	88
116)	Benzo(ghi)perylene	14.903	276	792149	41.659	ug/ml#	71

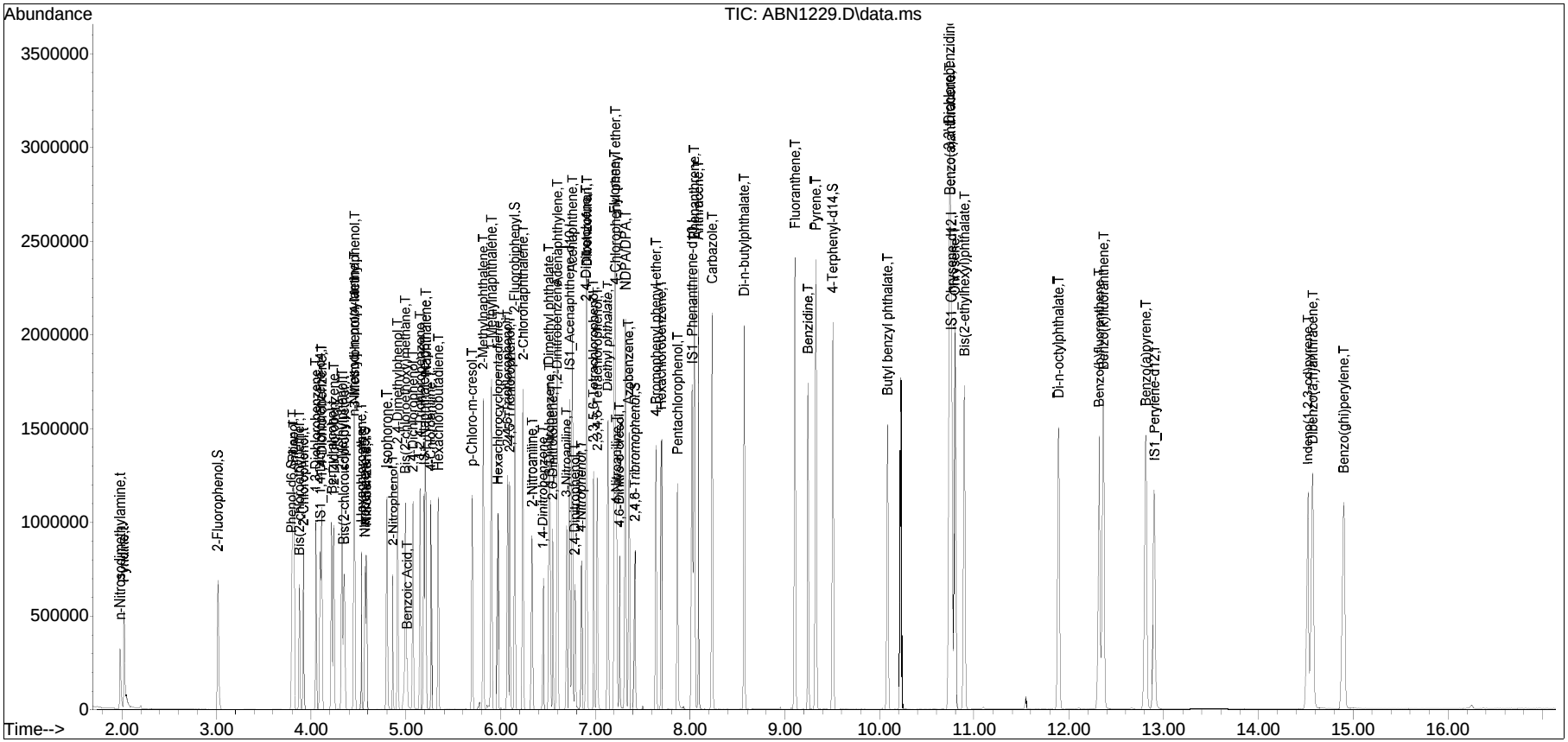
(#) = qualifier out of range (m) = manual integration (+) = signals summed

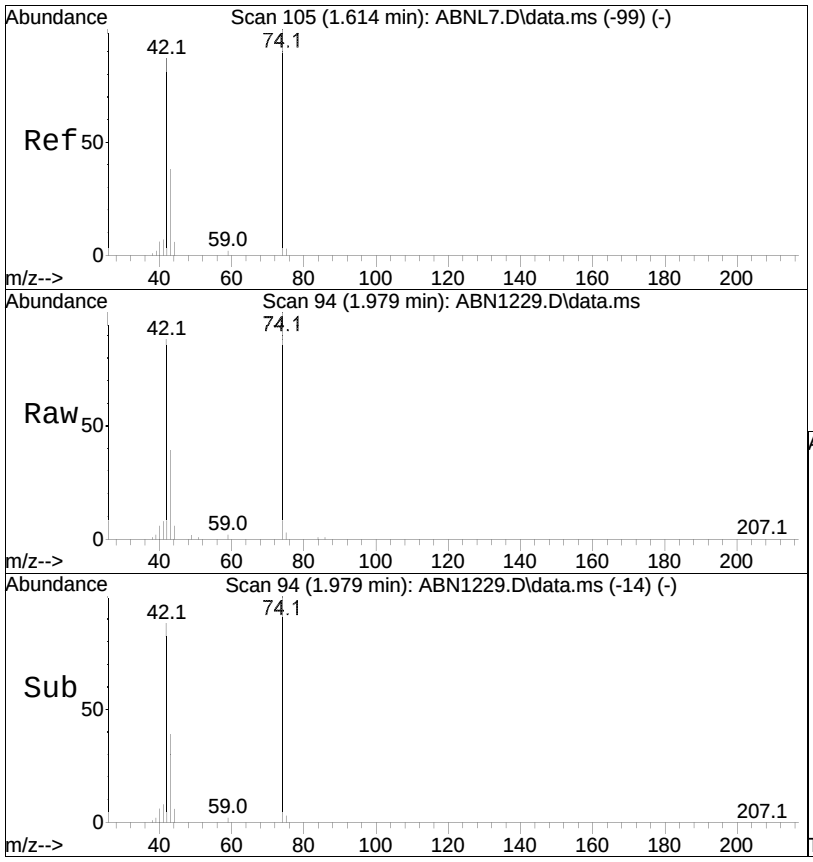
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\251229\
Data File : ABN1229.D
Acq On : 29 Dec 2025 06:49 am
Operator : SV134:cmm
Sample : WG2159560-3,32,,ABN 12168 smc1229C
Misc : WG2159560,,ical22604
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Dec 29 07:16:20 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 21:05:38 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

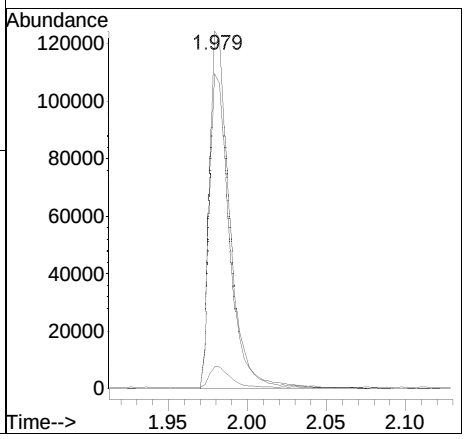


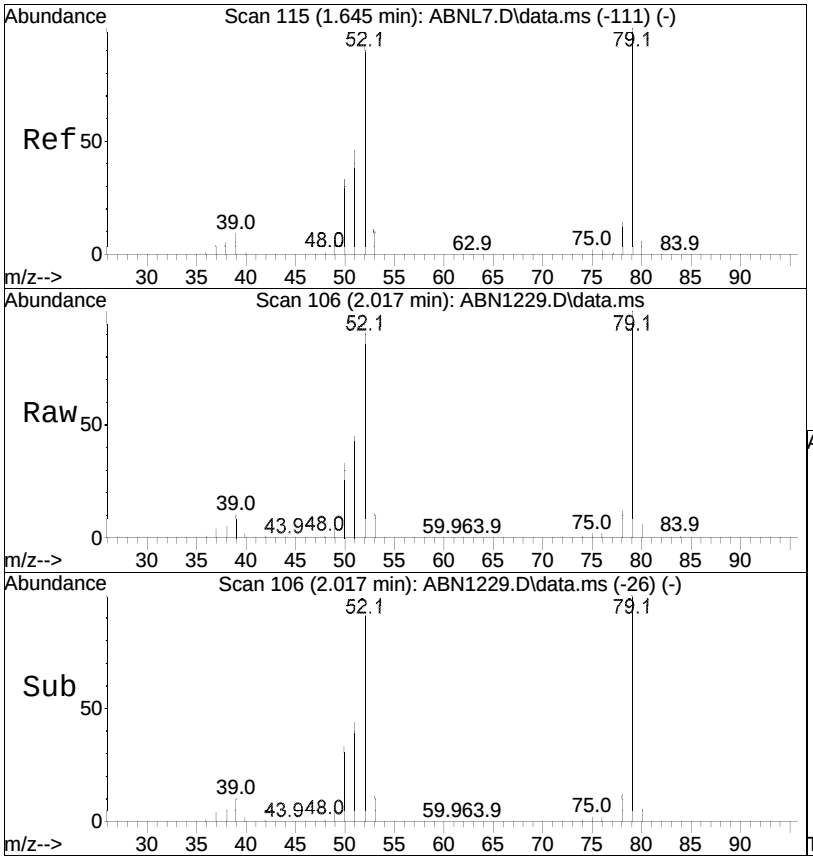


#2
n-Nitrosodimethylamine
Concen: 50.70 ug/ml
RT: 1.979 min Scan# 94
Delta R.T. 0.000 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion: 74 Resp: 109841

Ion	Ratio	Lower	Upper
74	100		
42	88.4	57.8	86.6#
44	6.0	3.2	4.8#

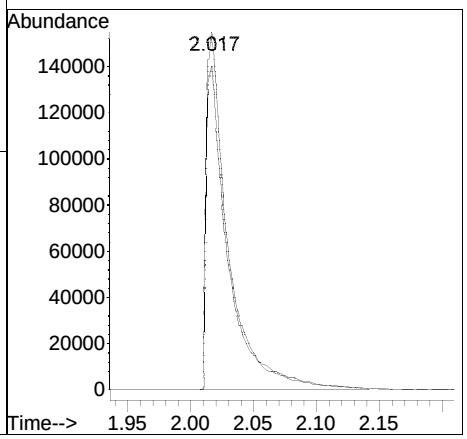


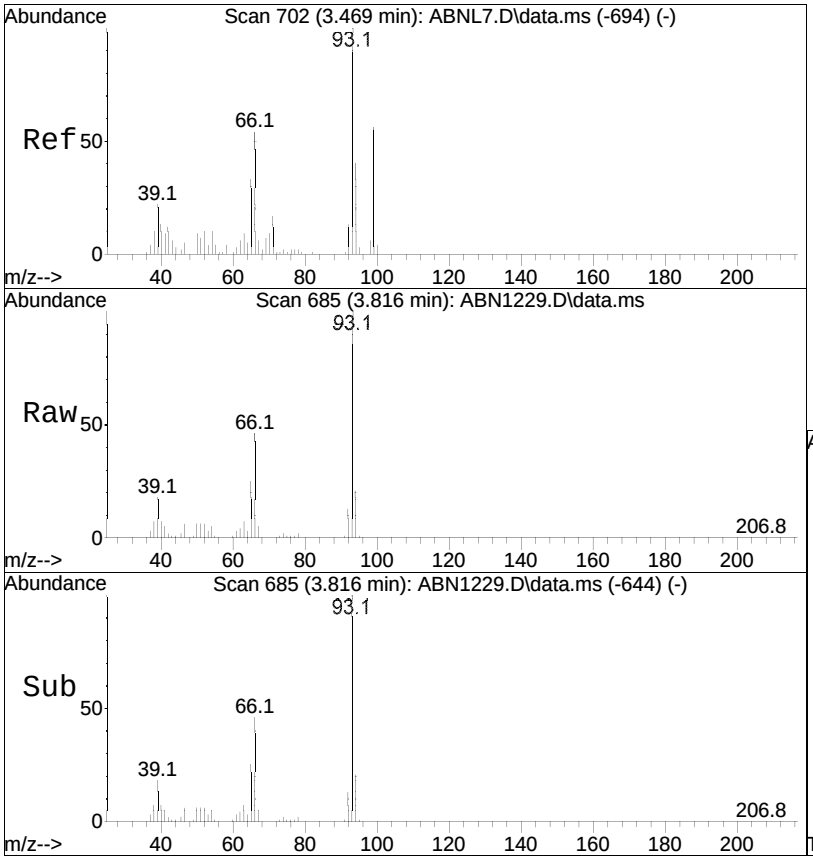


#3
Pyridine
Concen: 66.04 ug/ml
RT: 2.017 min Scan# 106
Delta R.T. 0.000 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion: 79 Resp: 187654

Ion	Ratio	Lower	Upper
79	100		
52	90.3	40.4	60.6#

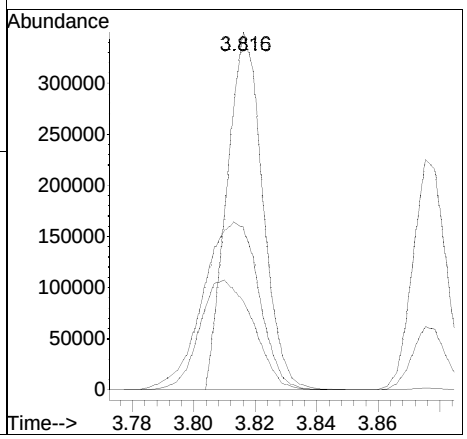


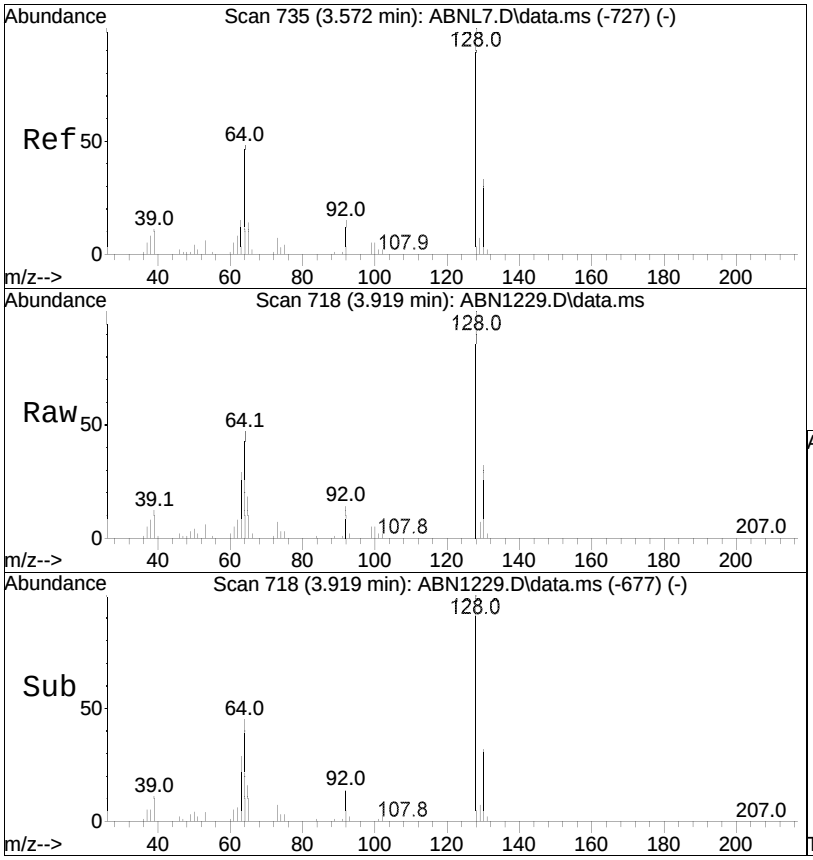


#5
Aniline
Concen: 51.10 ug/ml
RT: 3.816 min Scan# 685
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion: 93 Resp: 283491

Ion	Ratio	Lower	Upper
93	100		
66	73.4	47.2	70.8#
65	45.7	29.7	44.5#

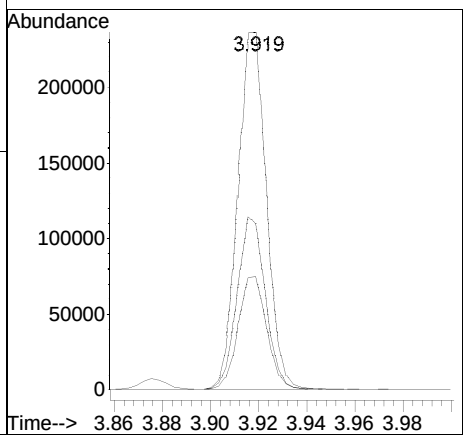


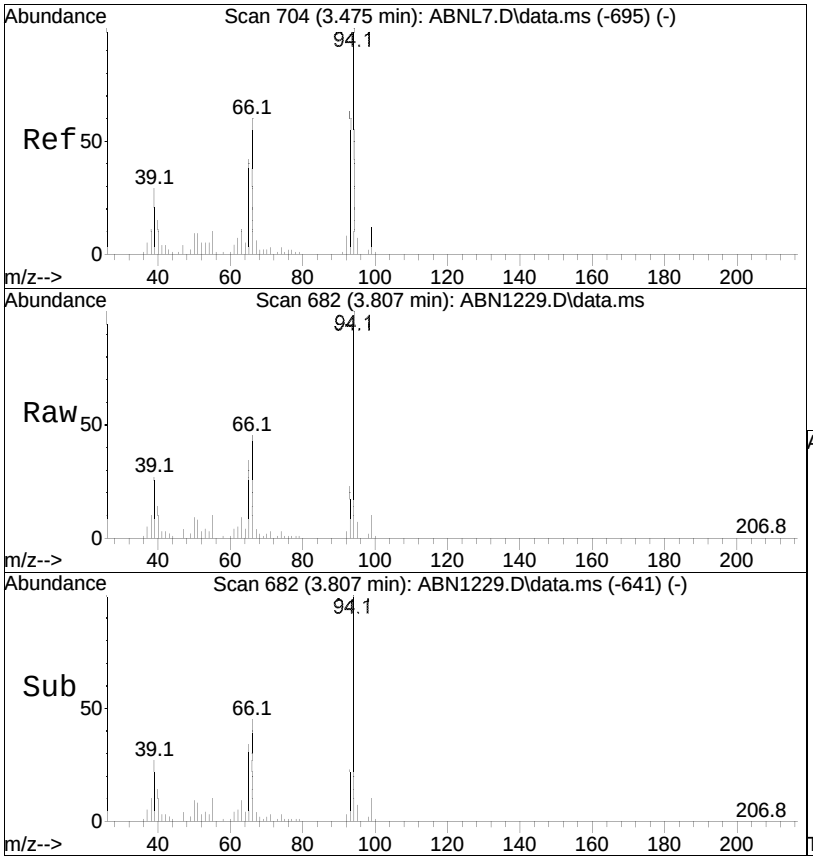


#6
2-Chlorophenol
Concen: 52.38 ug/ml
RT: 3.919 min Scan# 718
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:128 Resp: 193606

Ion	Ratio	Lower	Upper
128	100		
64	47.9	32.7	49.1
130	32.0	26.4	39.6

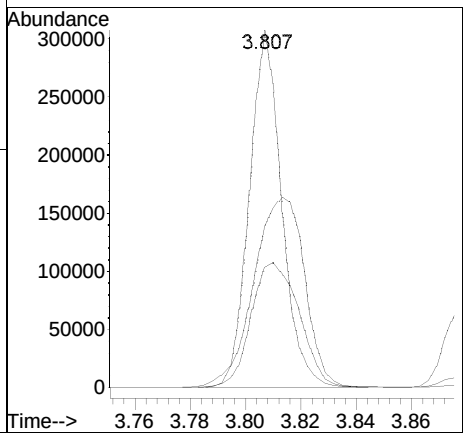


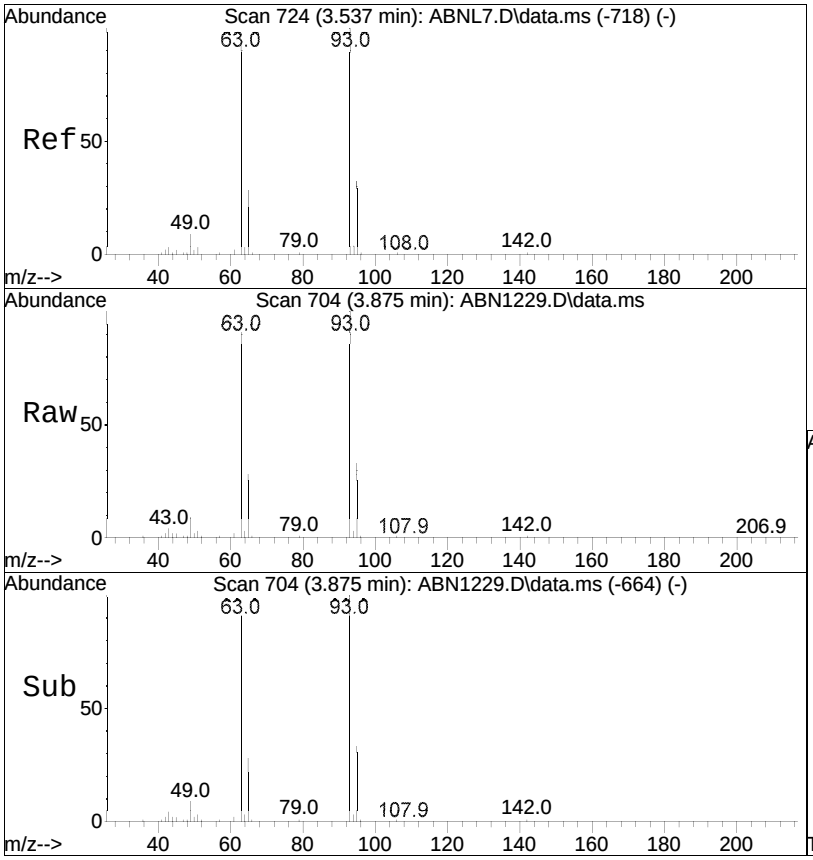


#8
Phenol
Concen: 52.22 ug/ml
RT: 3.807 min Scan# 682
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion: 94 Resp: 247918

Ion	Ratio	Lower	Upper
94	100		
65	52.3	34.2	51.4#
66	83.9	54.4	81.6#

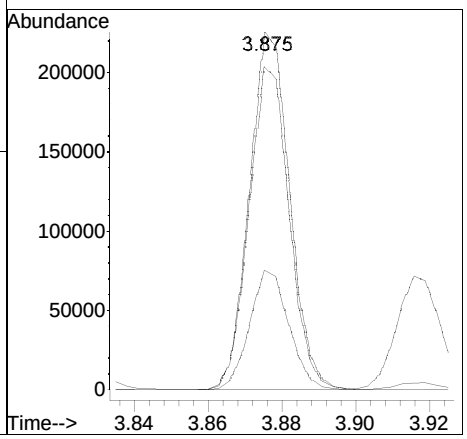


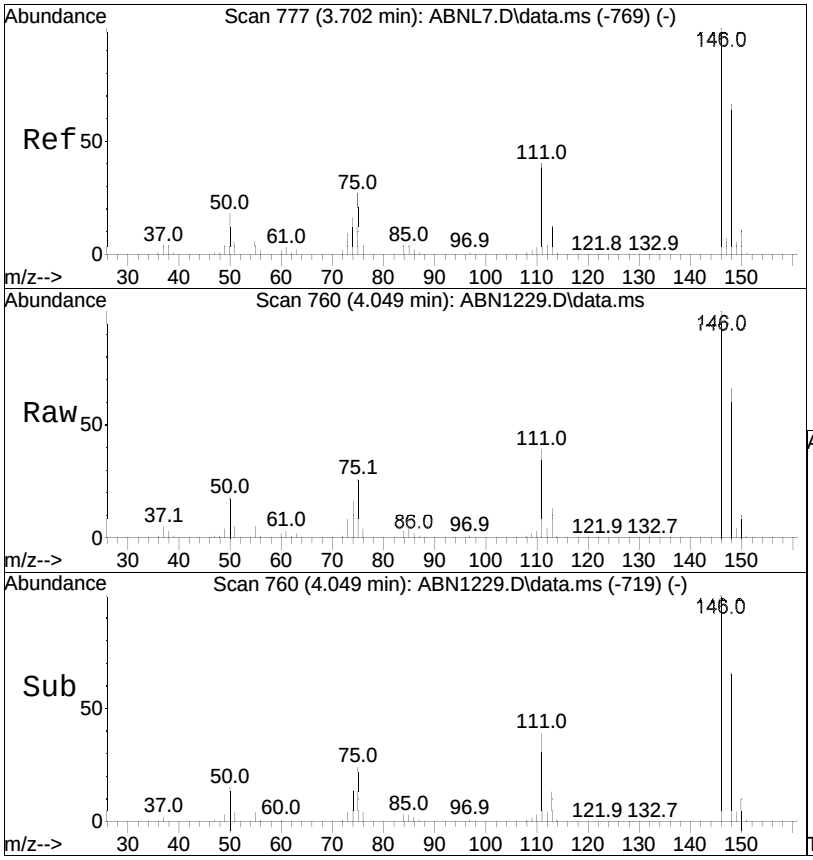


#9
Bis(2-chloroethyl)ether
Concen: 49.16 ug/ml
RT: 3.875 min Scan# 704
Delta R.T. 0.000 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion: 93 Resp: 170418

Ion	Ratio	Lower	Upper
93	100		
63	90.0	51.7	77.5#
95	32.8	26.1	39.1

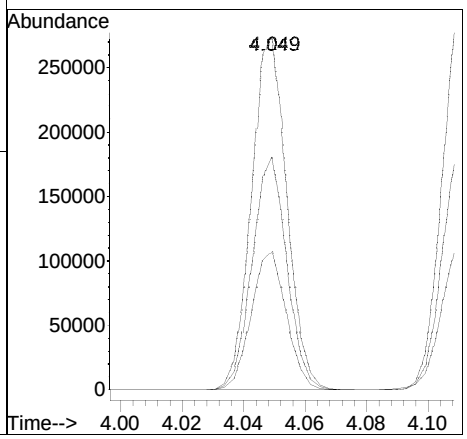


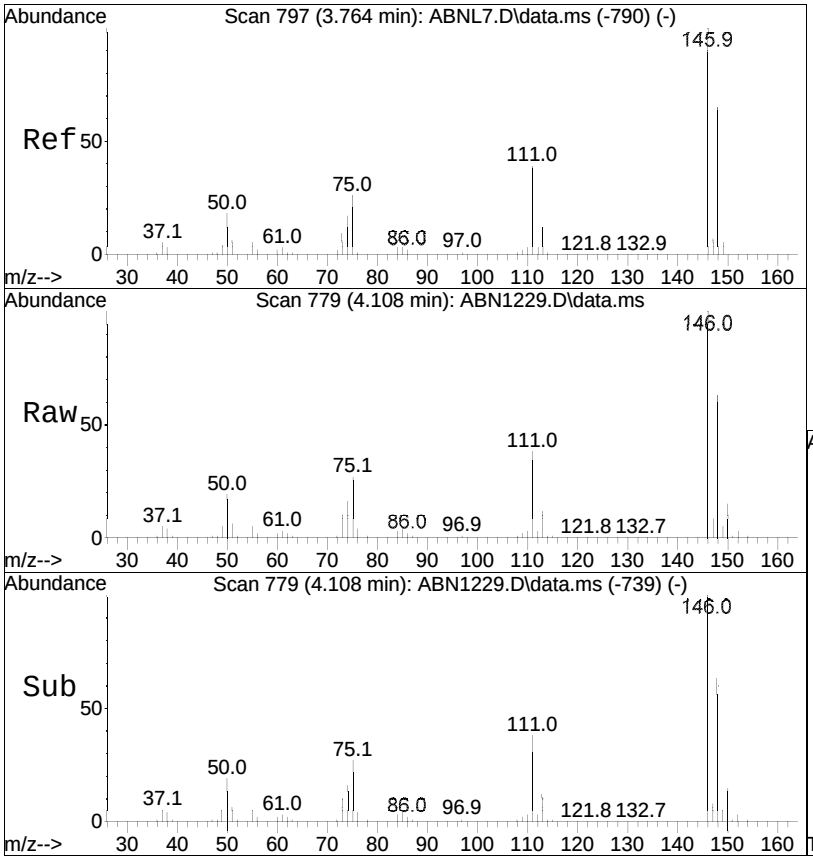


#10
1,3-Dichlorobenzene
Concen: 49.77 ug/ml
RT: 4.049 min Scan# 760
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:146 Resp: 218441

Ion	Ratio	Lower	Upper
146	100		
111	38.9	36.0	54.0
148	64.6	49.8	74.6

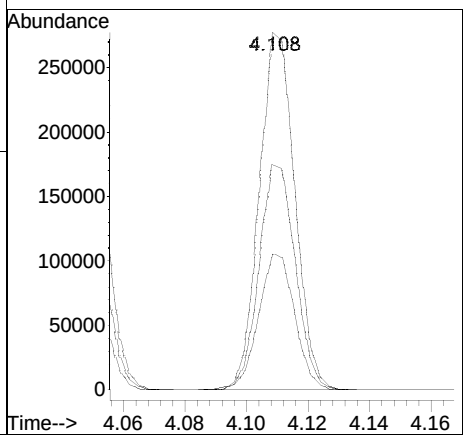


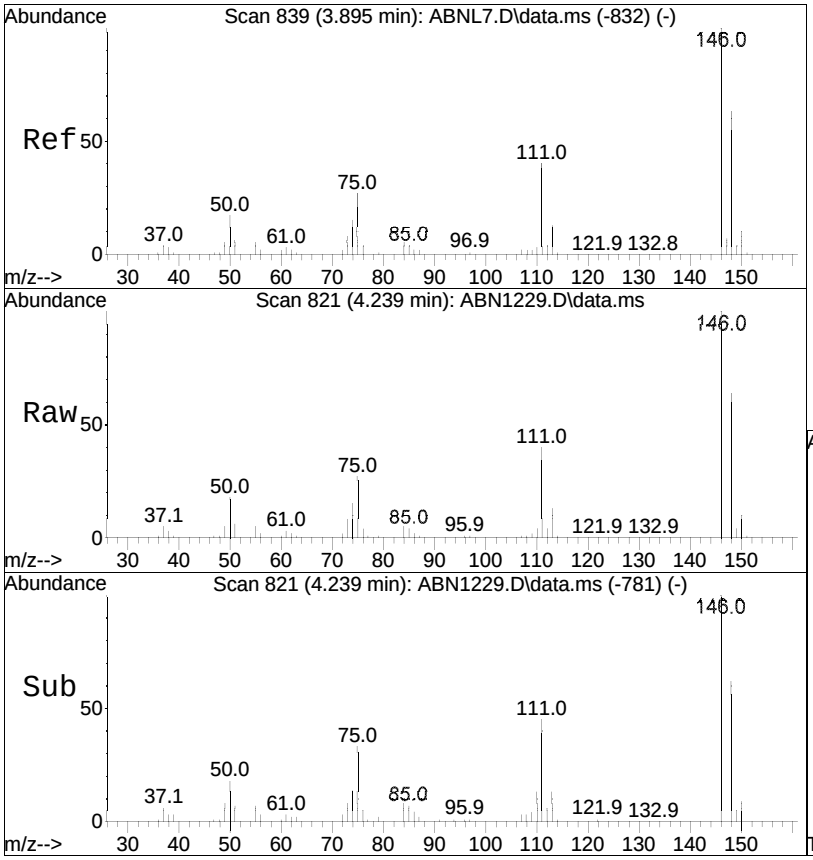


#11
1,4-Dichlorobenzene
Concen: 48.92 ug/ml
RT: 4.108 min Scan# 779
Delta R.T. 0.000 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:146 Resp: 221699

Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.7	76.1
111	38.9	35.8	53.6

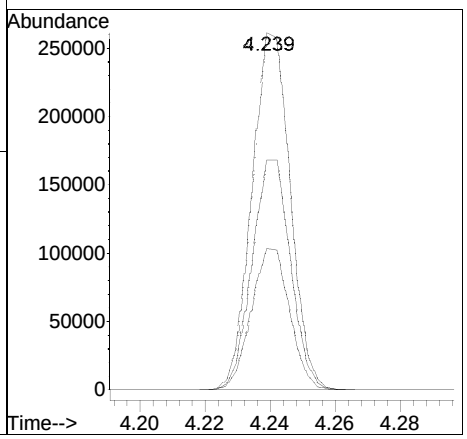


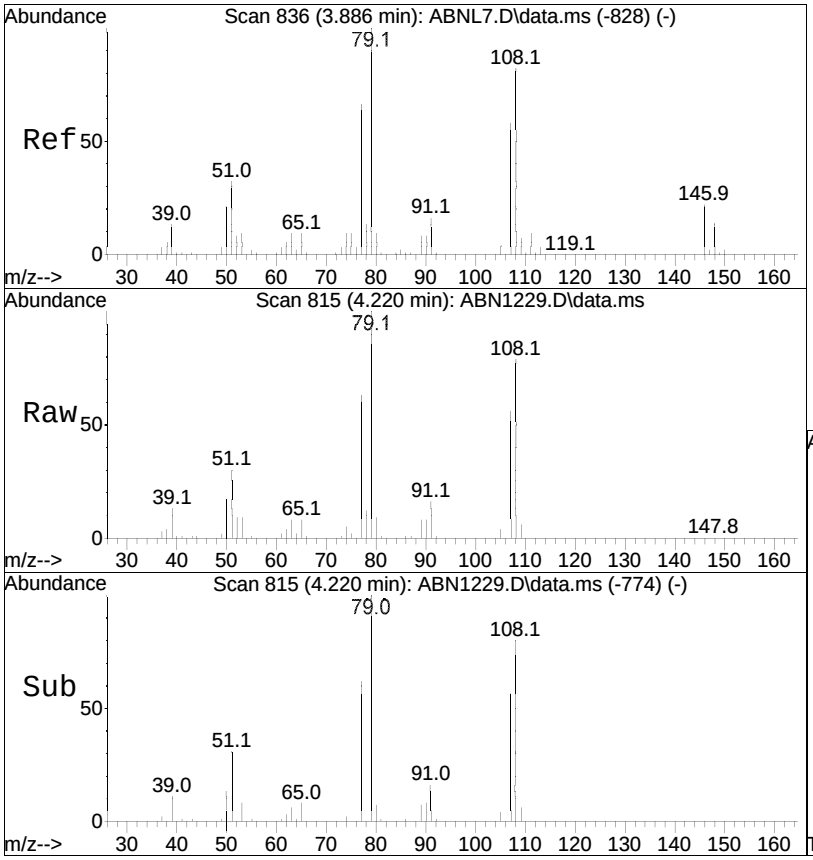


#12
1,2-Dichlorobenzene
Concen: 49.37 ug/ml
RT: 4.239 min Scan# 821
Delta R.T. 0.000 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:146 Resp: 212015

Ion	Ratio	Lower	Upper
146	100		
111	39.9	37.6	56.4
148	64.7	51.2	76.8

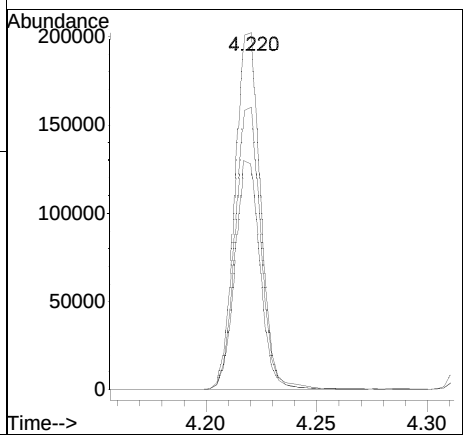


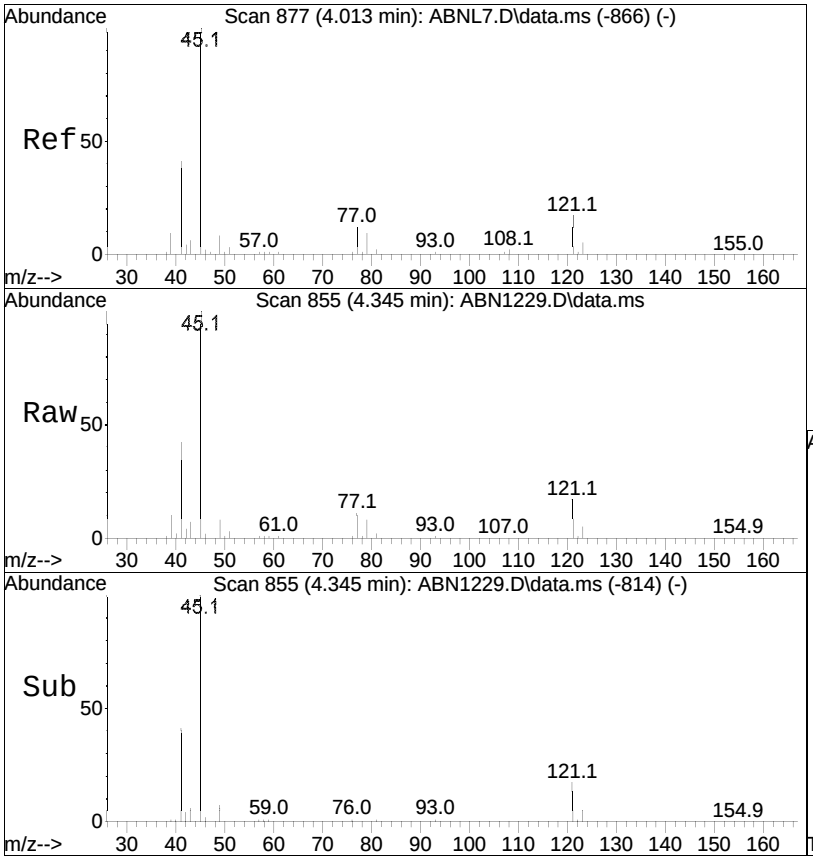


#13
Benzyl alcohol
Concen: 56.79 ug/ml
RT: 4.220 min Scan# 815
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion: 79 Resp: 161534

Ion	Ratio	Lower	Upper
79	100		
77	63.5	53.8	80.8
108	79.7	67.3	100.9

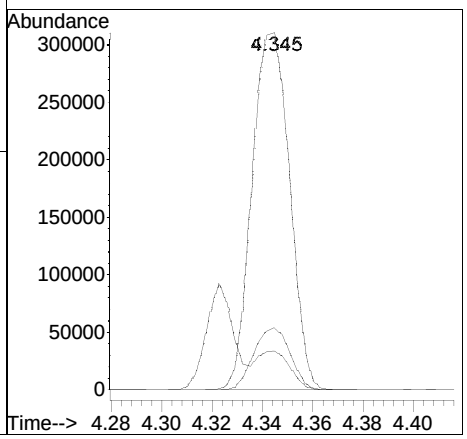


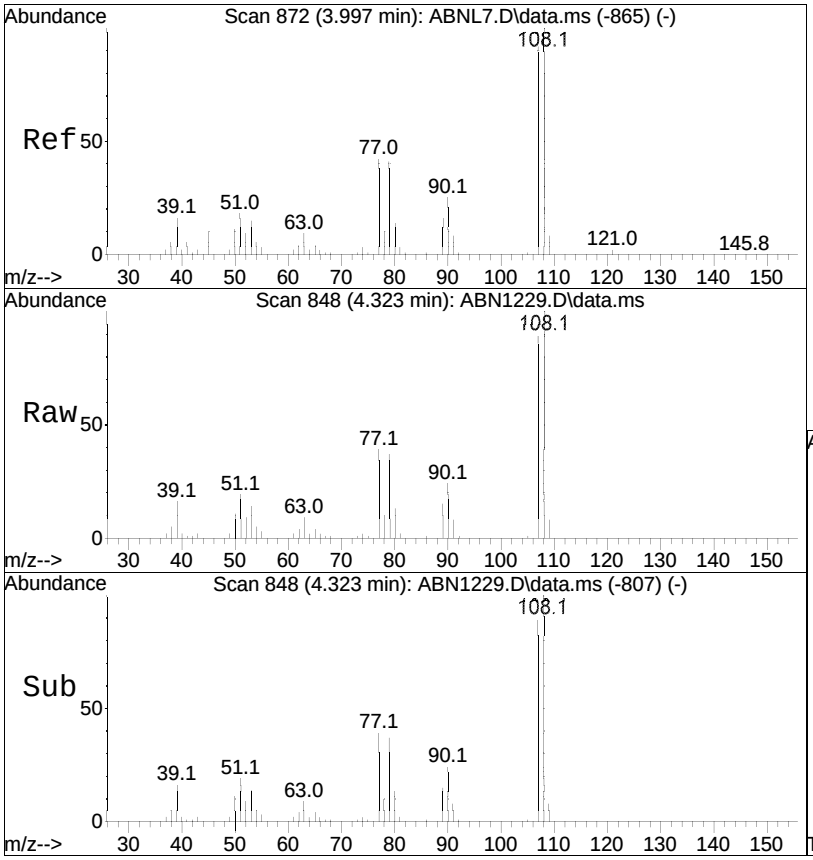


#14
Bis(2-chloroisopropyl)ether
Concen: 53.01 ug/ml
RT: 4.345 min Scan# 855
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion: 45 Resp: 318935

Ion	Ratio	Lower	Upper
45	100		
121	16.9	21.0	31.6#
77	9.4	40.4	60.6#

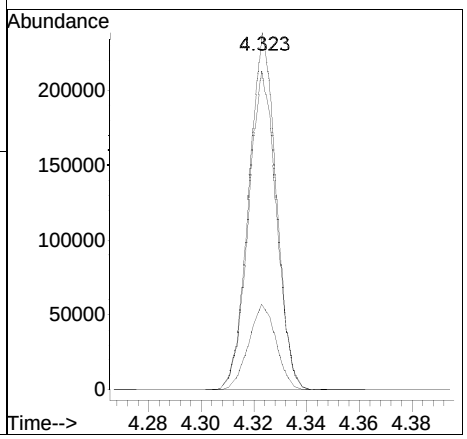


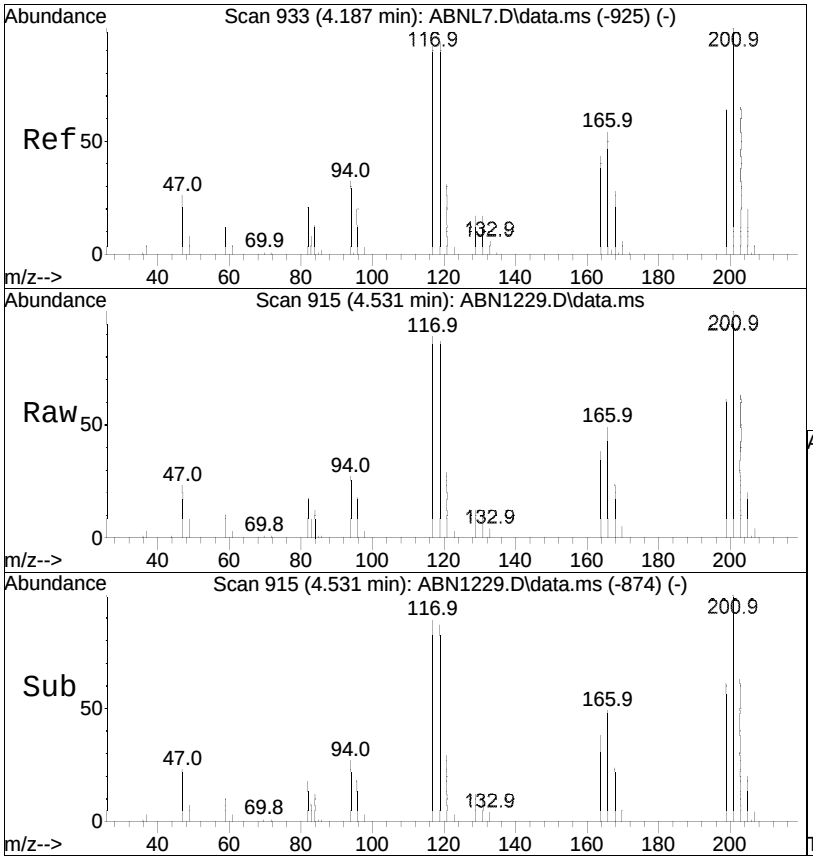


#15
2-Methylphenol
Concen: 52.16 ug/ml
RT: 4.323 min Scan# 848
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:108 Resp: 172479

Ion	Ratio	Lower	Upper
108	100		
107	90.8	71.6	107.4
90	24.1	18.8	28.2

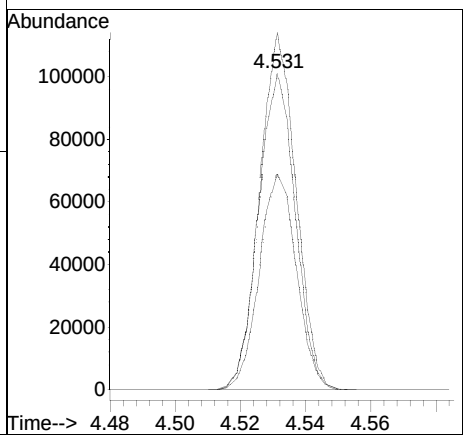


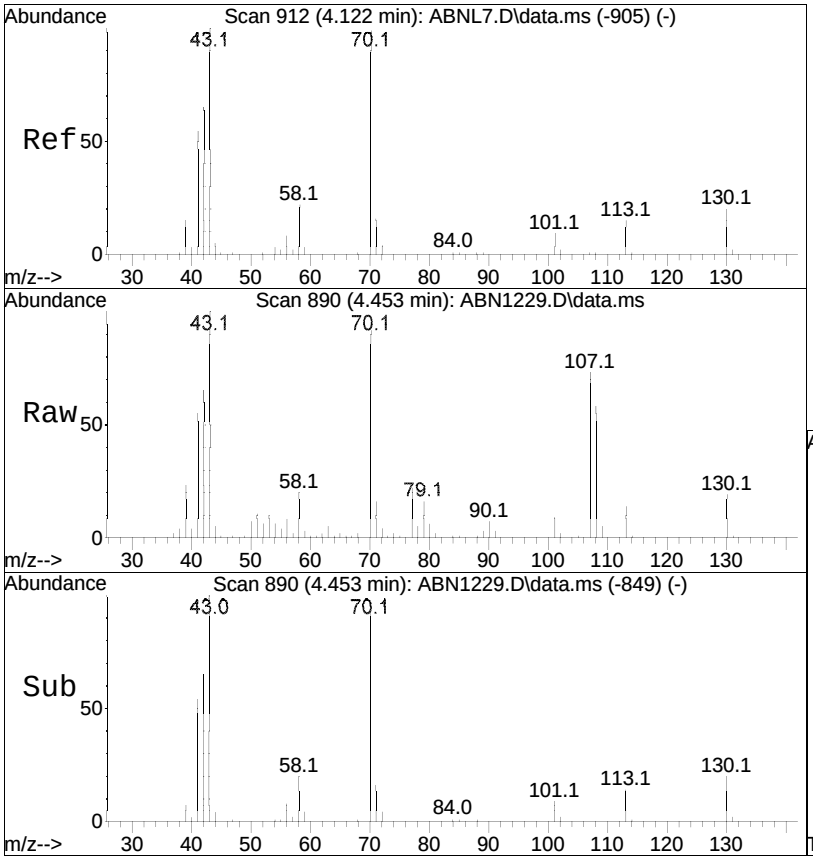


#16
Hexachloroethane
Concen: 50.90 ug/ml
RT: 4.531 min Scan# 915
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:117 Resp: 79035

Ion	Ratio	Lower	Upper
117	100		
201	111.4	47.2	70.8#
199	68.9	29.8	44.6#

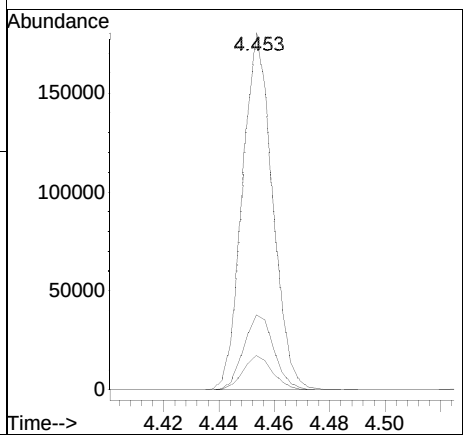


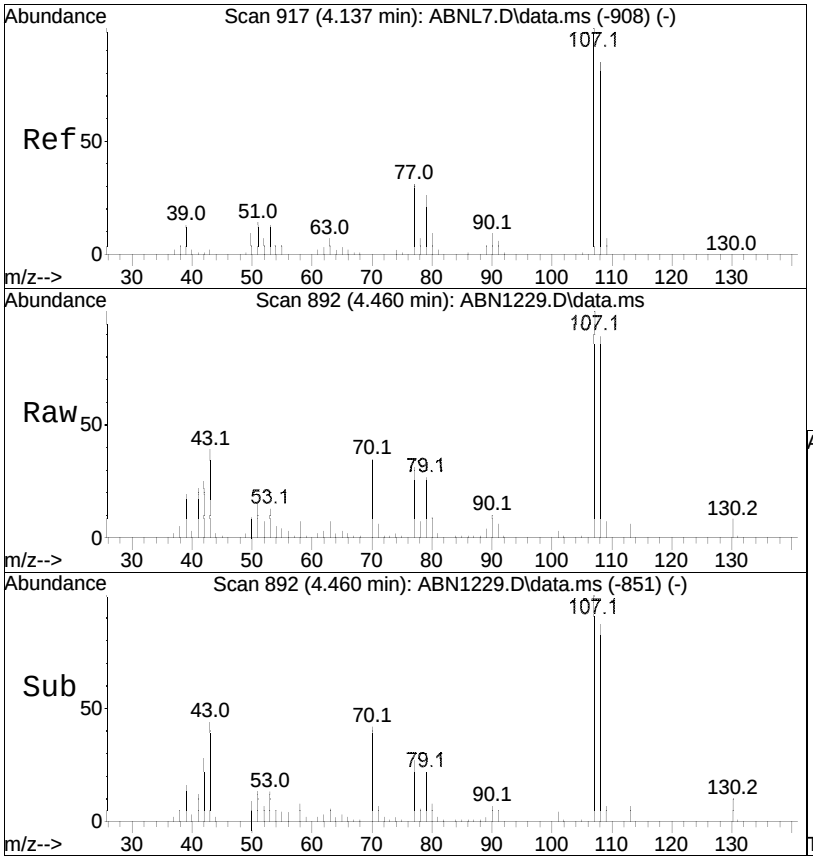


#17
n-Nitrosodi-n-propylamine
Concen: 51.91 ug/ml
RT: 4.453 min Scan# 890
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion: 70 Resp: 135751

Ion	Ratio	Lower	Upper
70	100		
130	21.2	18.7	28.1
101	9.3	8.4	12.6

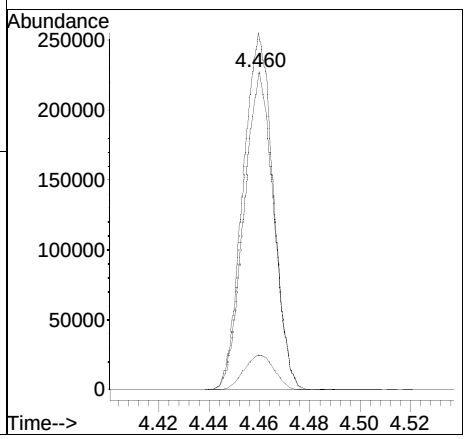


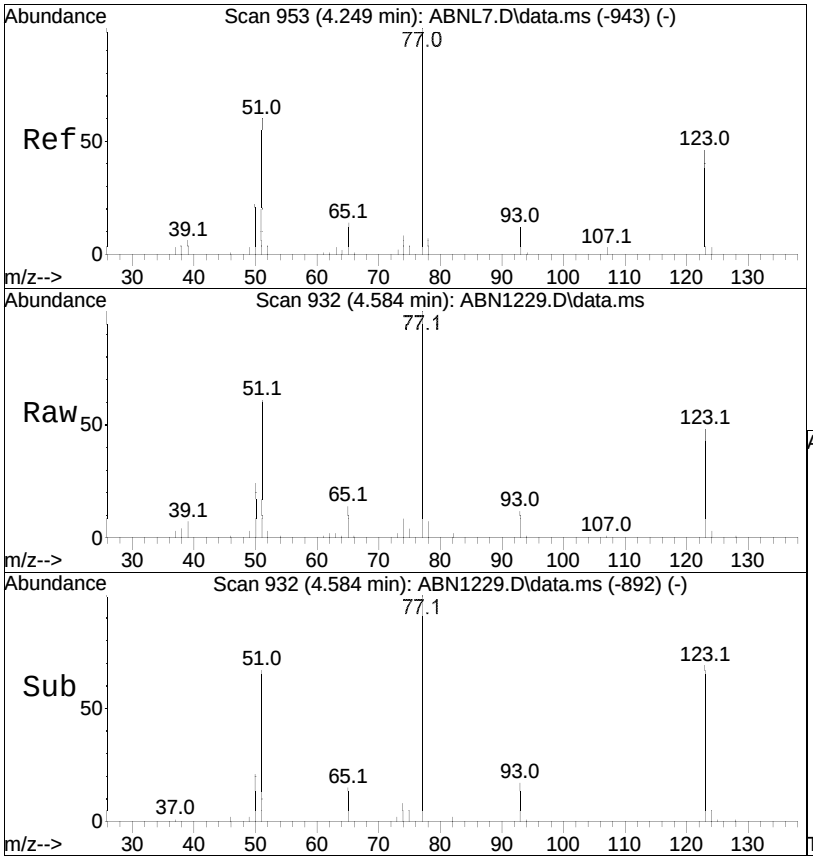


#18
3-Methylphenol/4-Methylphenol
Concen: 53.46 ug/ml
RT: 4.460 min Scan# 892
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:108 Resp: 185215

Ion	Ratio	Lower	Upper
108	100		
107	114.2	87.0	130.6
90	11.4	8.4	12.6

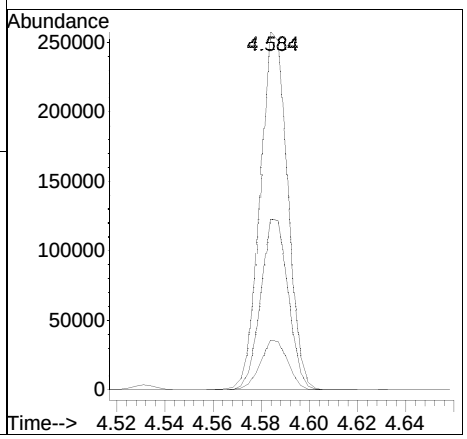


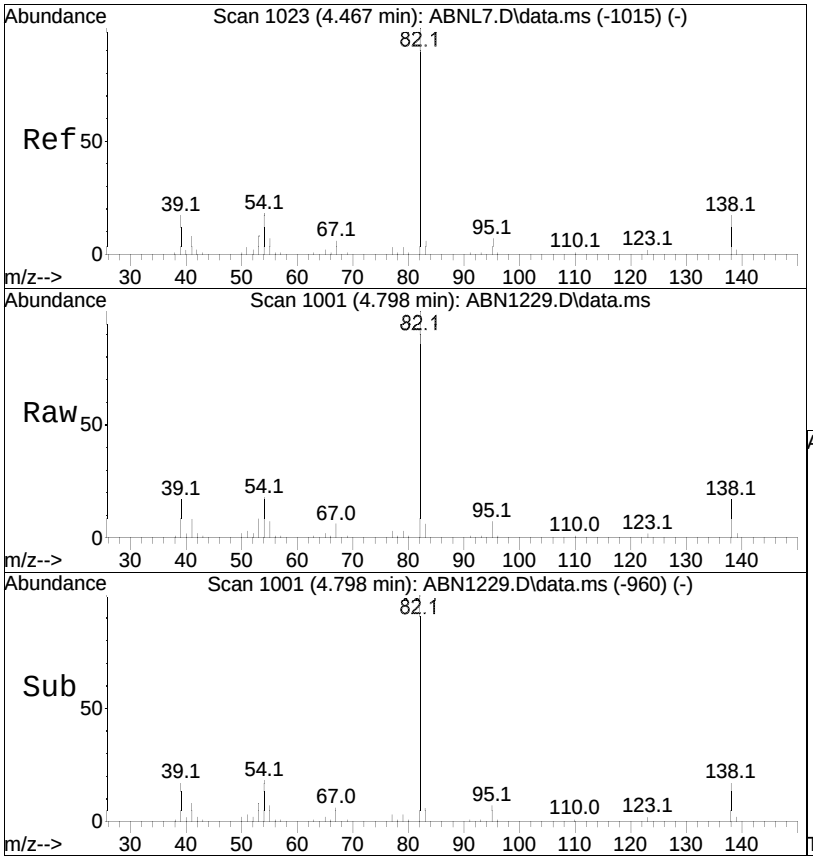


#20
Nitrobenzene
Concen: 60.79 ug/ml
RT: 4.584 min Scan# 932
Delta R.T. 0.000 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion: 77 Resp: 202769

Ion	Ratio	Lower	Upper
77	100		
123	47.7	38.3	57.5
65	14.0	10.3	15.5

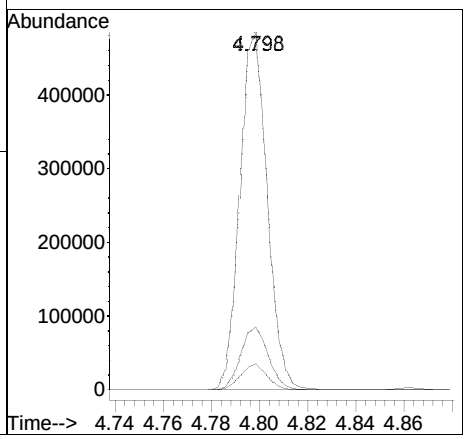


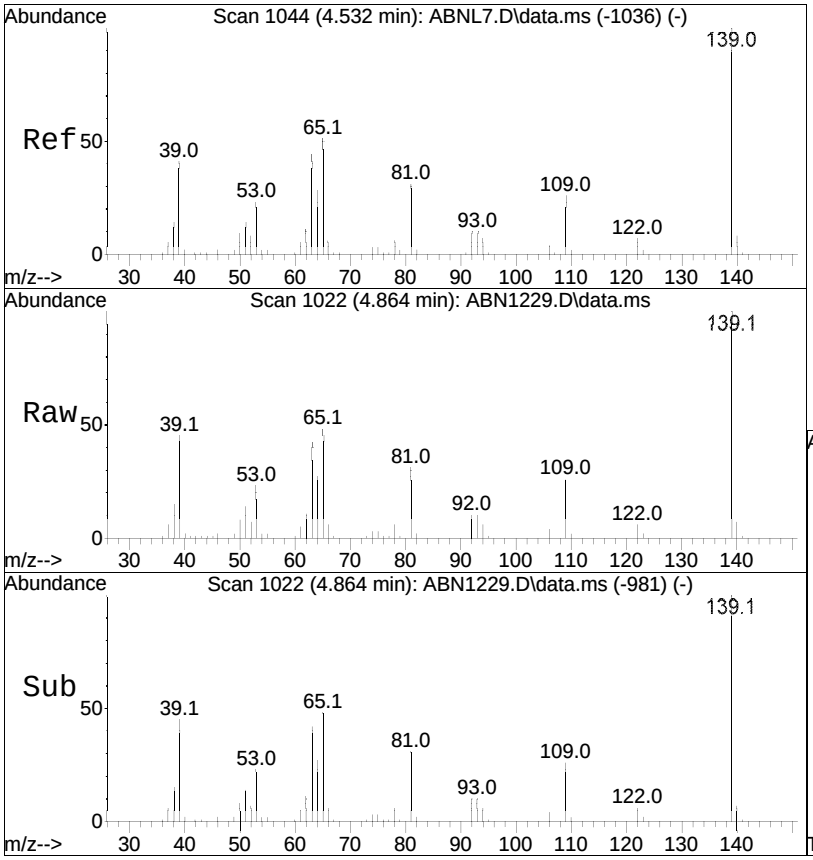


#21
Isophorone
Concen: 52.39 ug/ml
RT: 4.798 min Scan# 1001
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion: 82 Resp: 378601

Ion	Ratio	Lower	Upper
82	100		
138	17.7	13.3	19.9
95	7.1	5.1	7.7

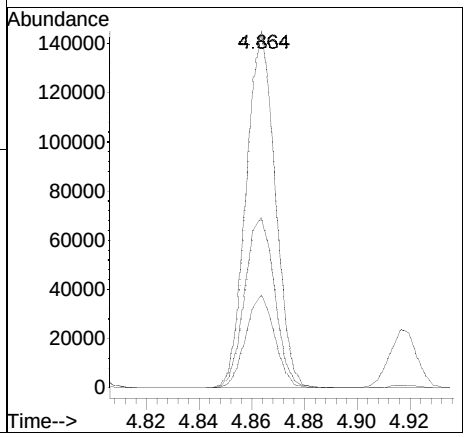


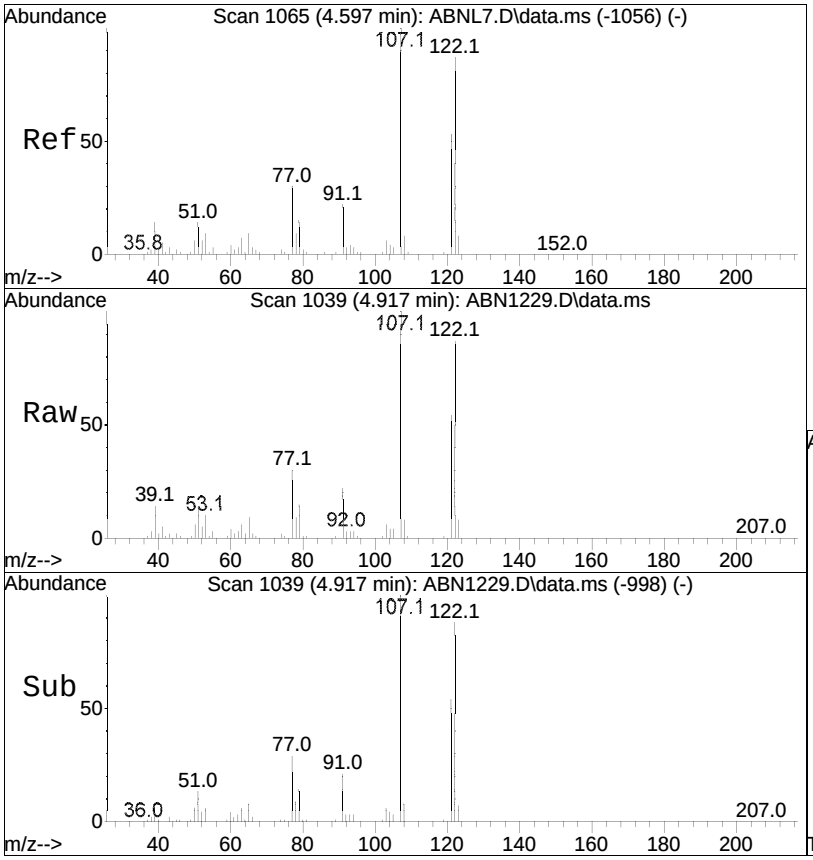


#22
2-Nitrophenol
Concen: 79.97 ug/ml
RT: 4.864 min Scan# 1022
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:139 Resp: 110502

Ion	Ratio	Lower	Upper
139	100		
109	26.1	20.1	30.1
65	49.2	37.8	56.8

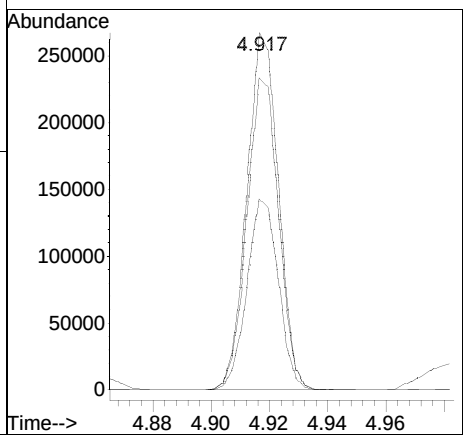


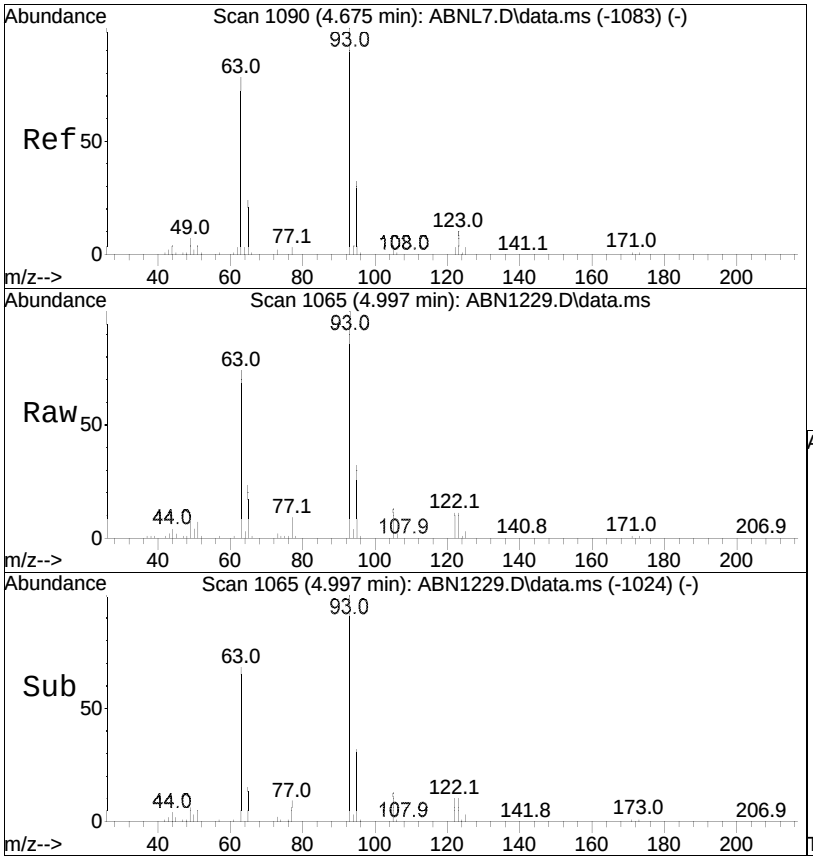


#23
2,4-Dimethylphenol
Concen: 54.72 ug/ml
RT: 4.917 min Scan# 1039
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:107 Resp: 200374

Ion	Ratio	Lower	Upper
107	100		
121	53.3	40.2	60.4
122	87.9	70.2	105.4

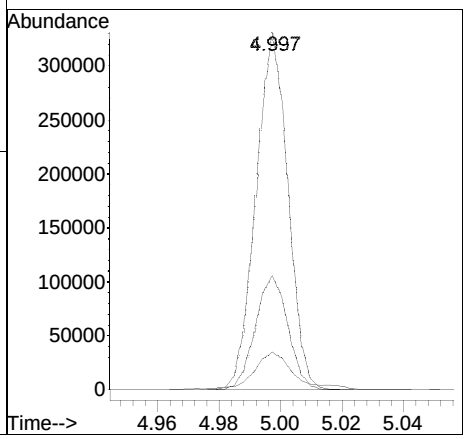


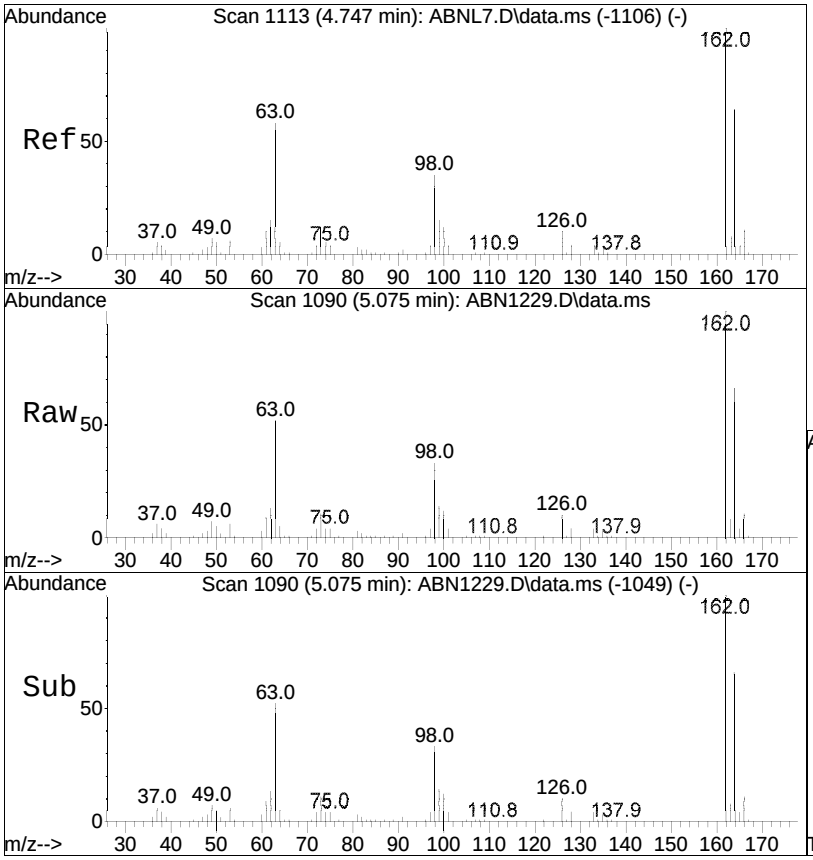


#24
Bis(2-chloroethoxy)methane
Concen: 51.82 ug/ml
RT: 4.997 min Scan# 1065
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion: 93 Resp: 235968

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	13.5	11.4	17.0

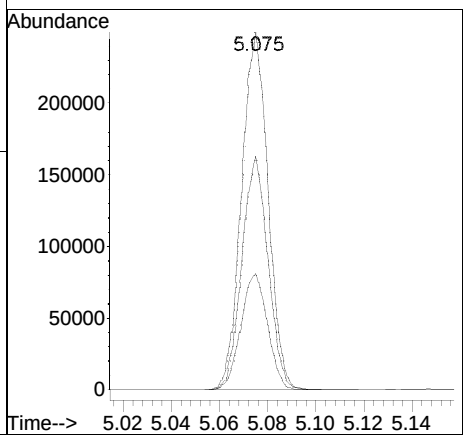


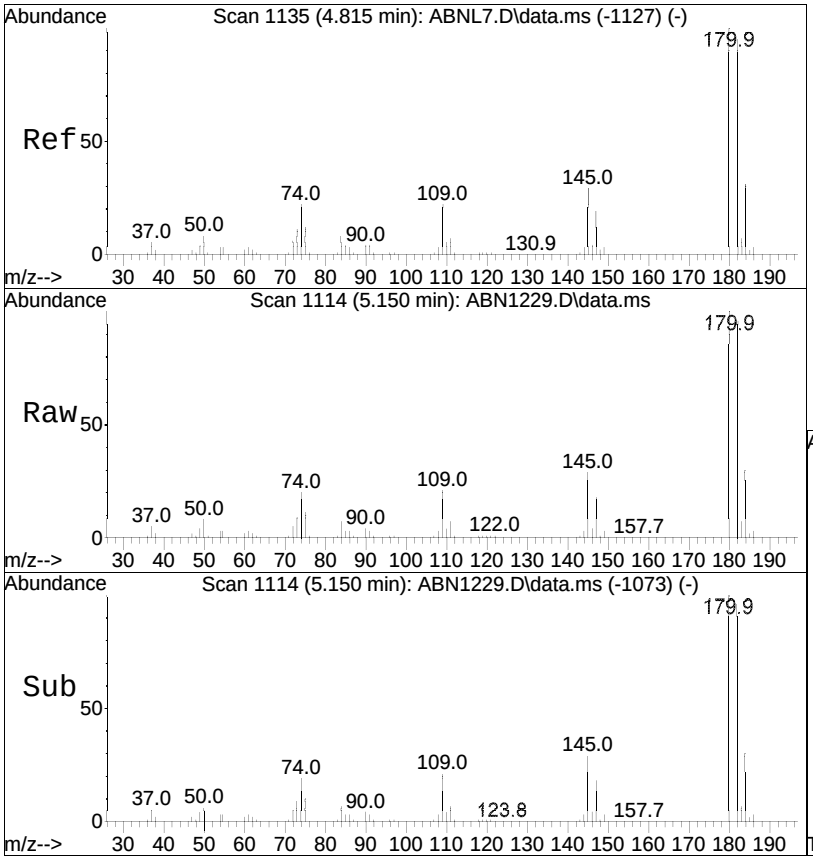


#25
2,4-Dichlorophenol
Concen: 59.18 ug/ml
RT: 5.075 min Scan# 1090
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:162 Resp: 188496

Ion	Ratio	Lower	Upper
162	100		
164	64.5	51.2	76.8
98	32.9	34.6	52.0#

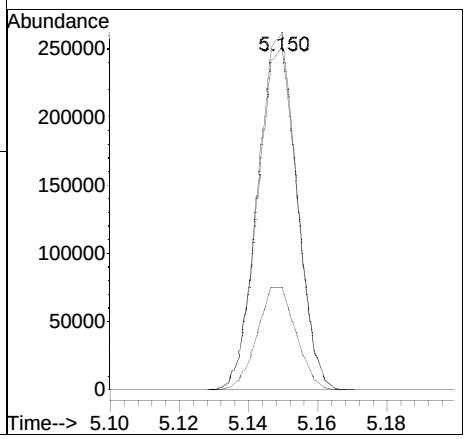


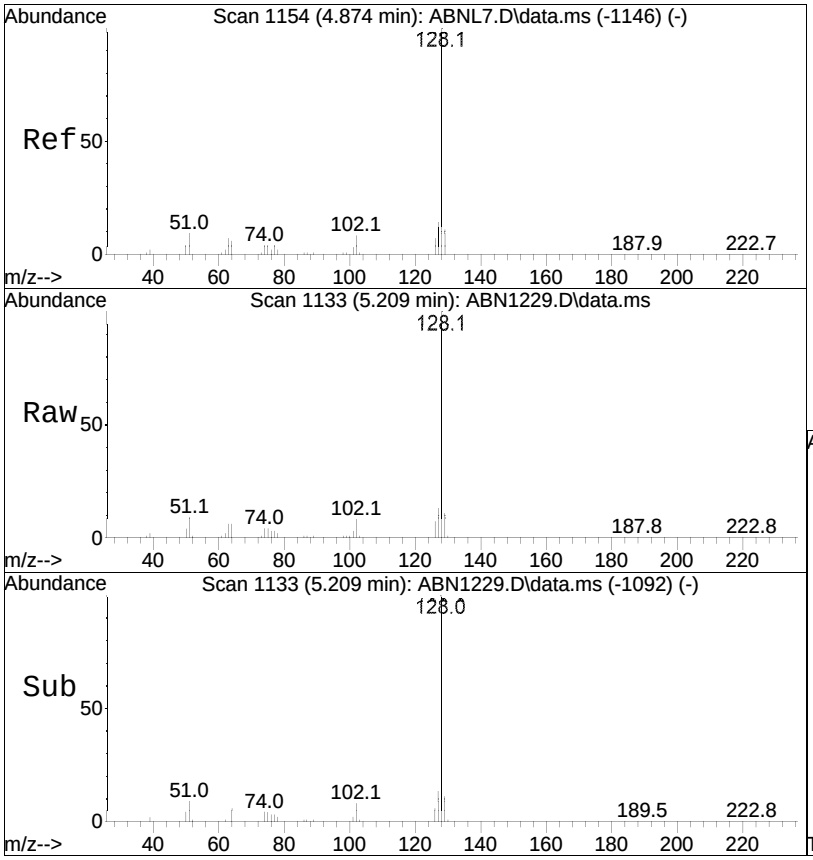


#26
1,2,4-Trichlorobenzene
Concen: 53.25 ug/ml
RT: 5.150 min Scan# 1114
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:180 Resp: 204738

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.6	115.0
145	28.7	26.3	39.5

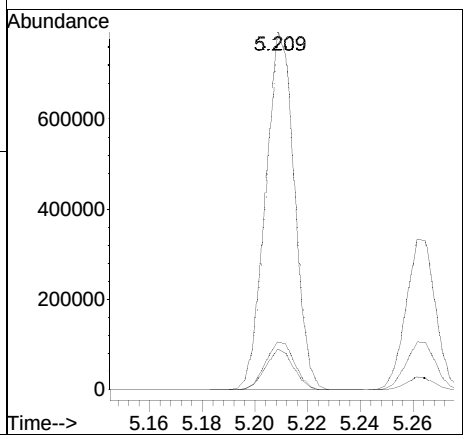


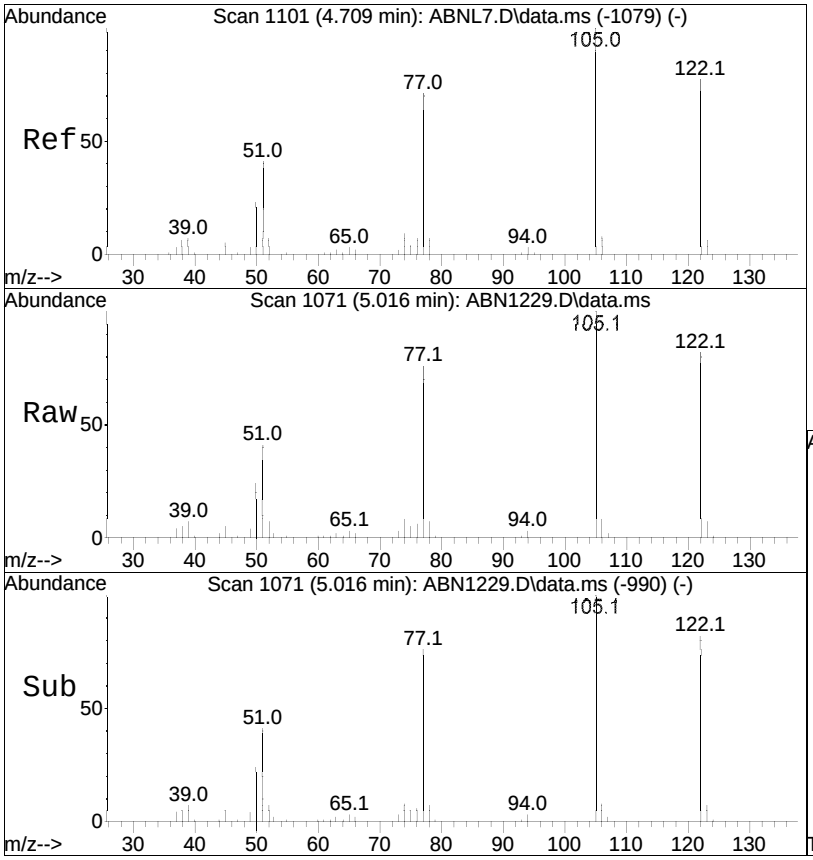


#36
Naphthalene
Concen: 48.37 ug/ml
RT: 5.209 min Scan# 1133
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:128 Resp: 600331

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.7	11.3	16.9

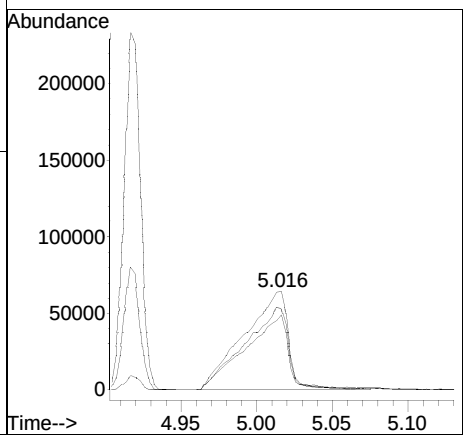


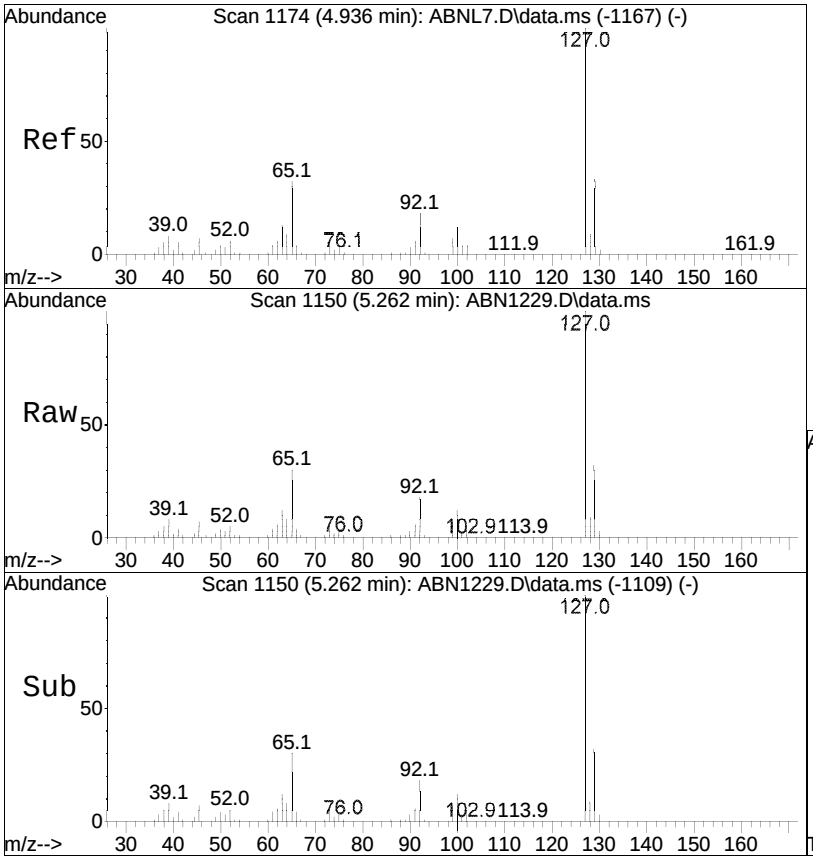


#37
Benzoic Acid
Concen: 58.45 ug/ml M1
RT: 5.016 min Scan# 1071
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:105 Resp: 134082

Ion	Ratio	Lower	Upper
105	100		
122	82.2	61.5	92.3
77	72.8	57.4	86.2

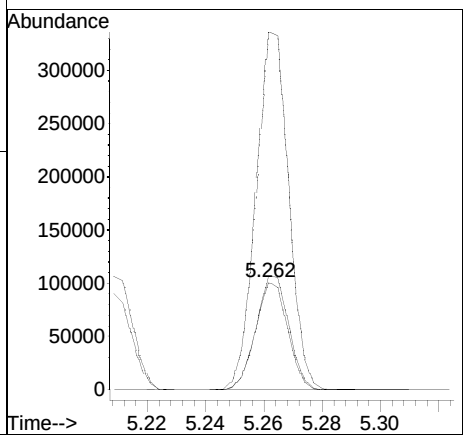


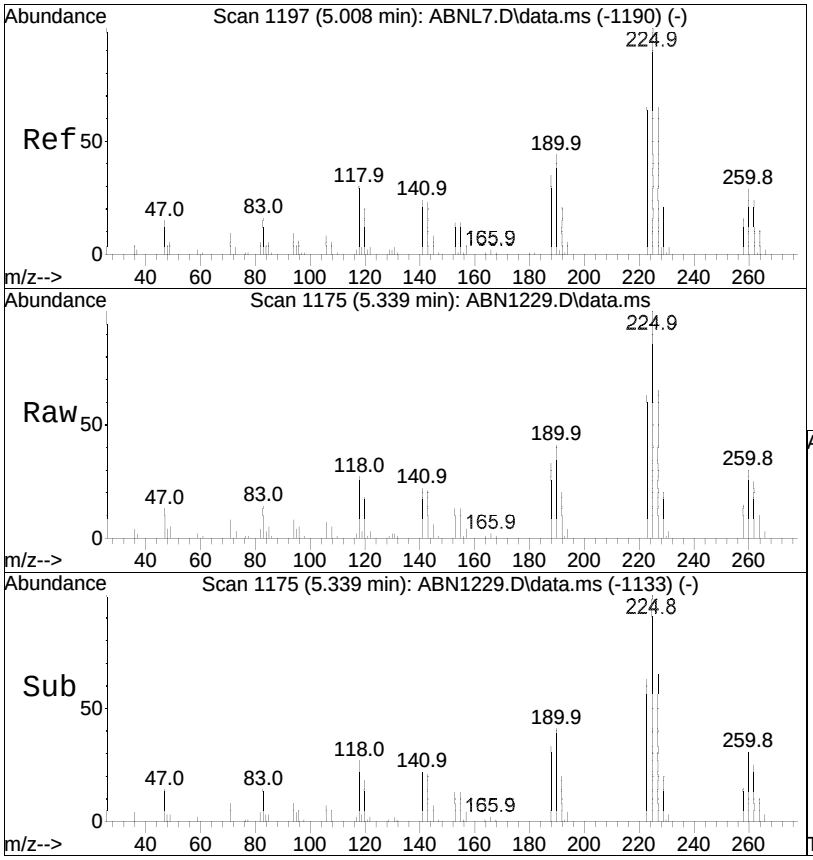


#38
4-Chloroaniline
Concen: 48.64 ug/ml
RT: 5.262 min Scan# 1150
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion: 65 Resp: 77783

Ion	Ratio	Lower	Upper
65	100		
127	334.4	295.3	442.9
129	107.4	96.3	144.5

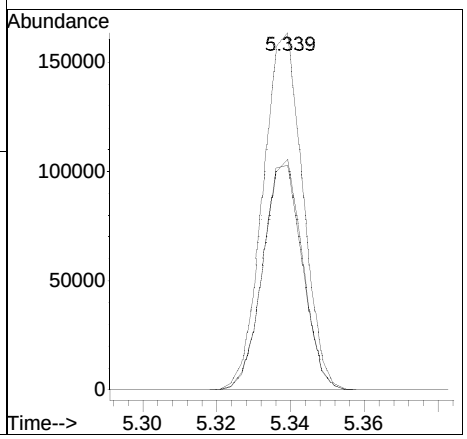


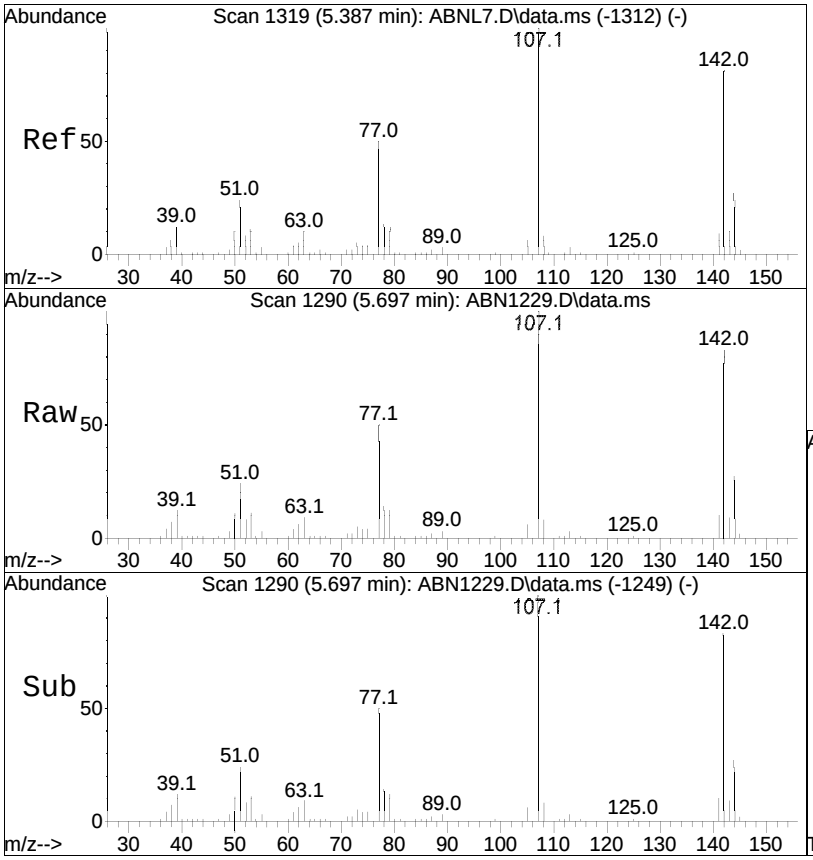


#39
Hexachlorobutadiene
Concen: 48.52 ug/ml
RT: 5.339 min Scan# 1175
Delta R.T. 0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:225 Resp: 122143

Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.2	75.2
227	63.7	51.3	76.9

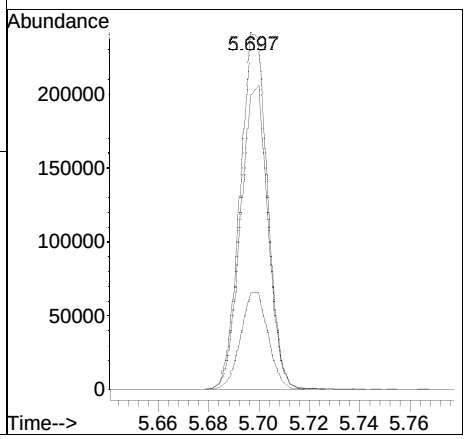


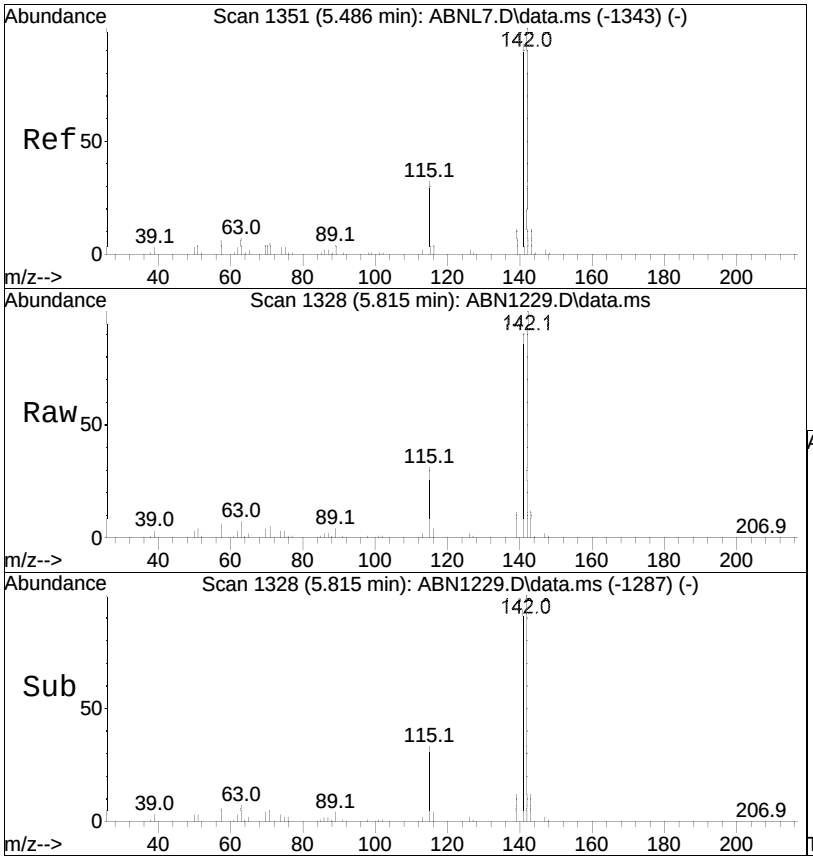


#40
p-Chloro-m-cresol
Concen: 53.37 ug/ml
RT: 5.697 min Scan# 1290
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:107 Resp: 181266

Ion	Ratio	Lower	Upper
107	100		
144	27.3	20.7	31.1
142	84.8	63.7	95.5

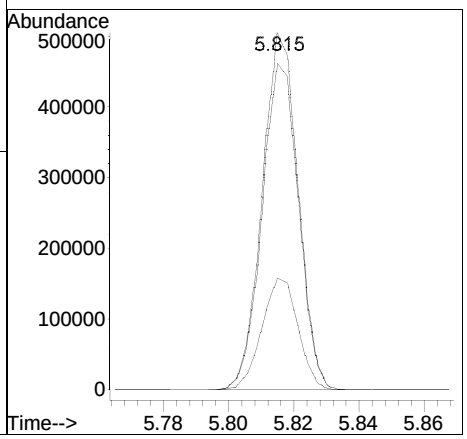


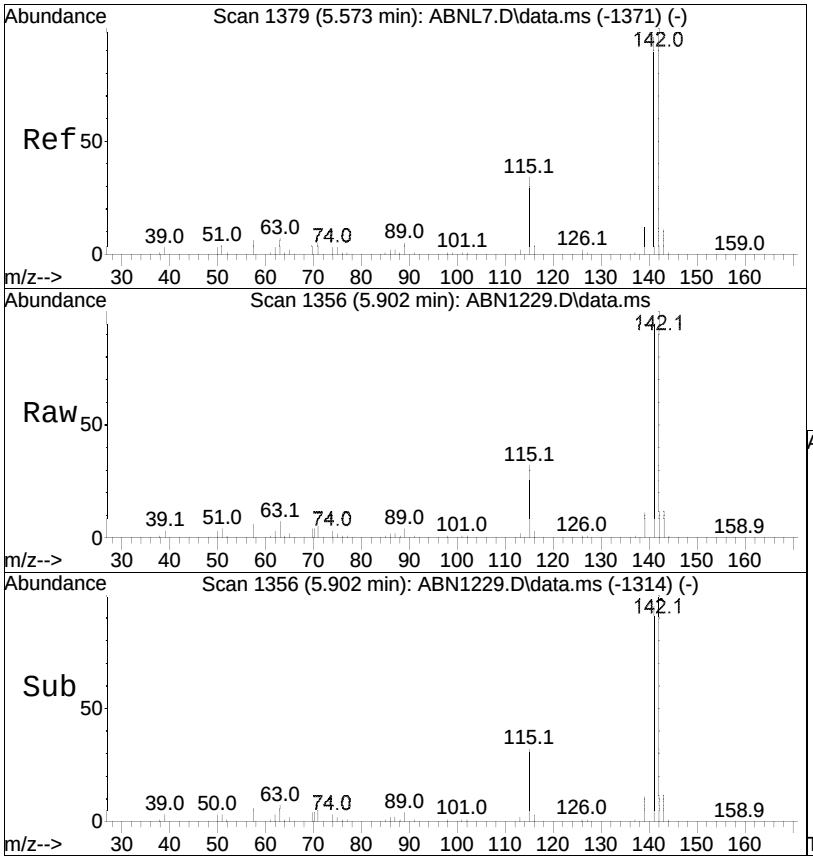


#41
2-Methylnaphthalene
Concen: 50.61 ug/ml
RT: 5.815 min Scan# 1328
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:142 Resp: 387229

Ion	Ratio	Lower	Upper
142	100		
141	92.7	71.0	106.6
115	31.6	29.8	44.6

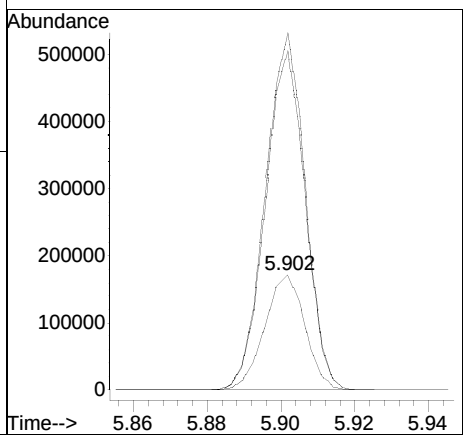


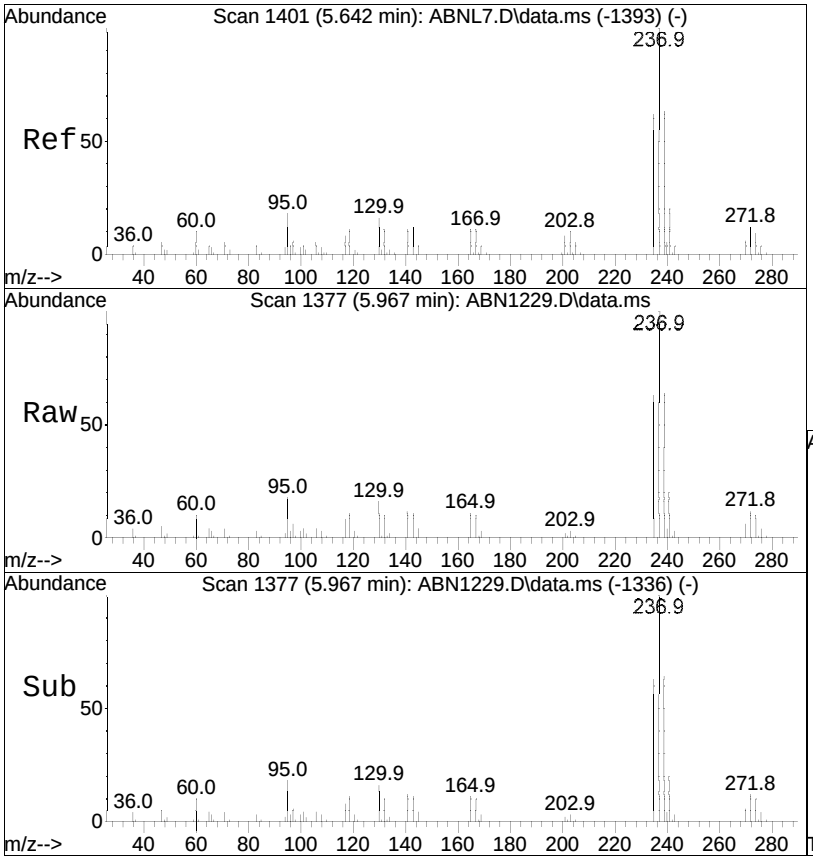


#42
1-Methylnaphthalene
Concen: 48.02 ug/ml
RT: 5.902 min Scan# 1356
Delta R.T. 0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:115 Resp: 129673

Ion	Ratio	Lower	Upper
115	100		
141	291.1	188.9	283.3#
142	307.0	205.5	308.3

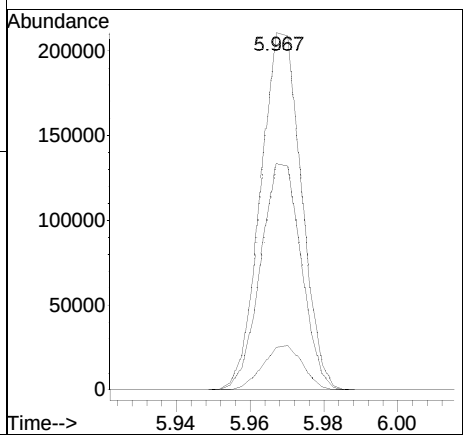


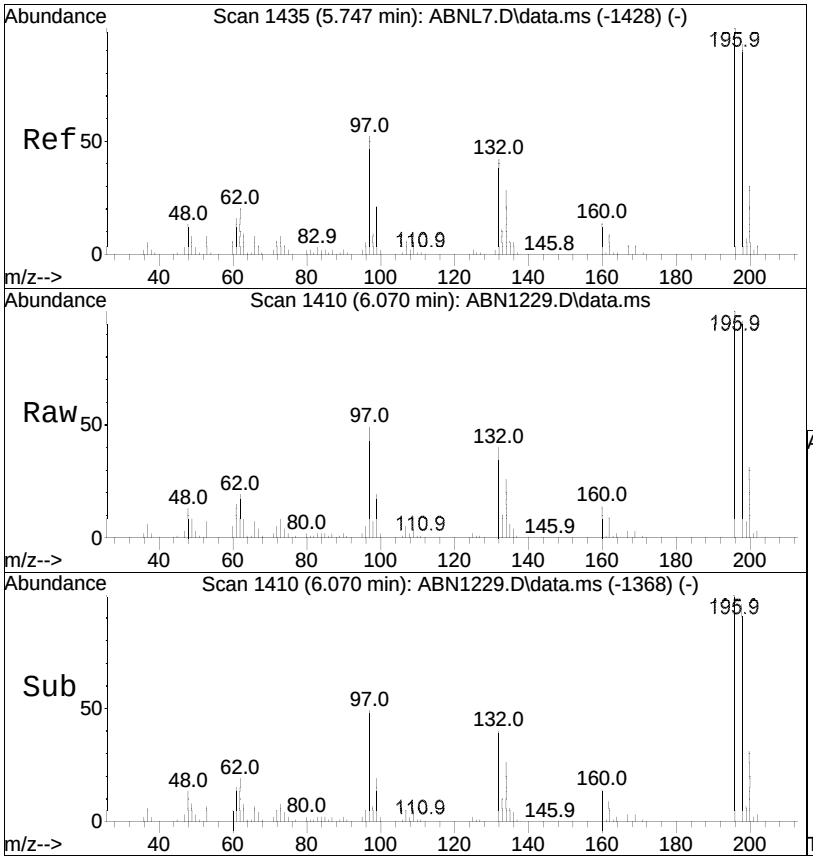


#43
Hexachlorocyclopentadiene
Concen: 74.29 ug/ml
RT: 5.967 min Scan# 1377
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:237 Resp: 161769

Ion	Ratio	Lower	Upper
237	100		
235	63.4	50.2	75.2
272	12.3	11.4	17.2

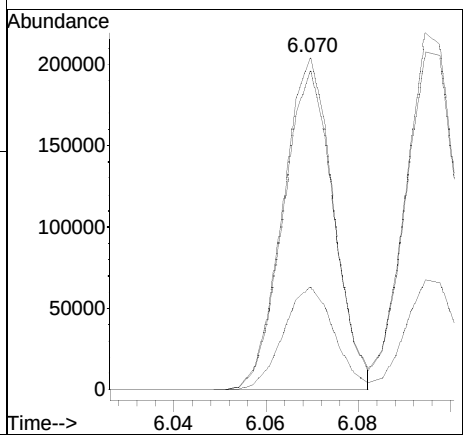


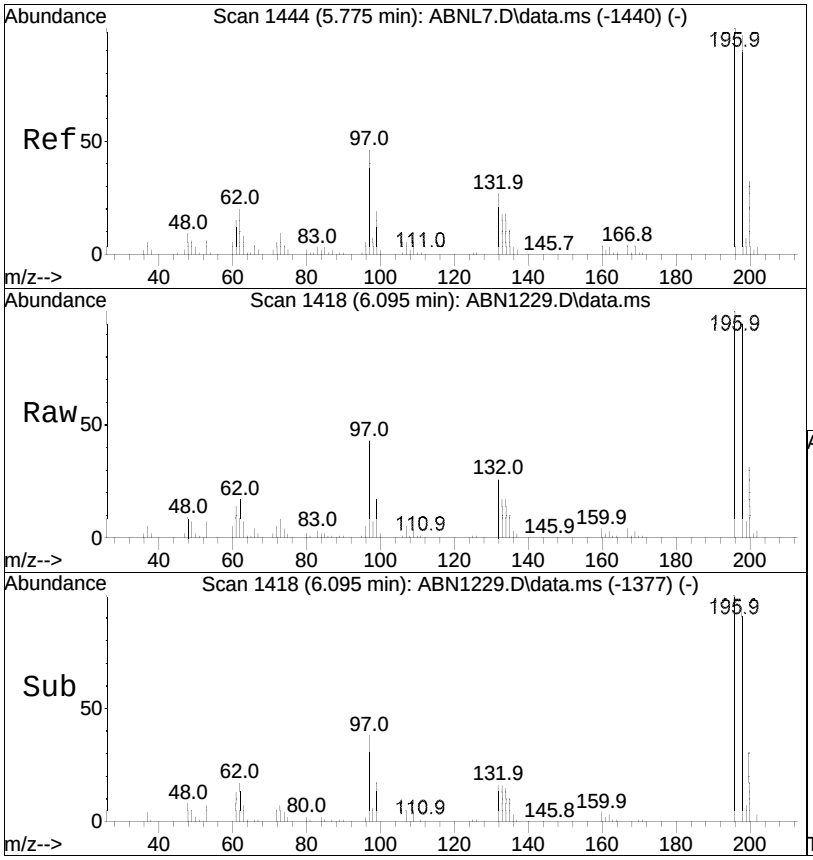


#44
2,4,6-Trichlorophenol
Concen: 61.03 ug/ml
RT: 6.070 min Scan# 1410
Delta R.T. 0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:196 Resp: 155778

Ion	Ratio	Lower	Upper
196	100		
198	95.6	76.0	114.0
200	31.1	24.9	37.3

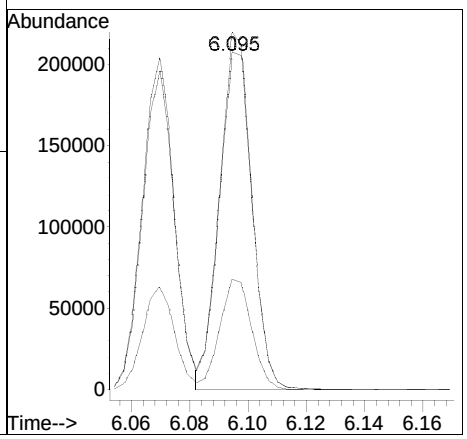


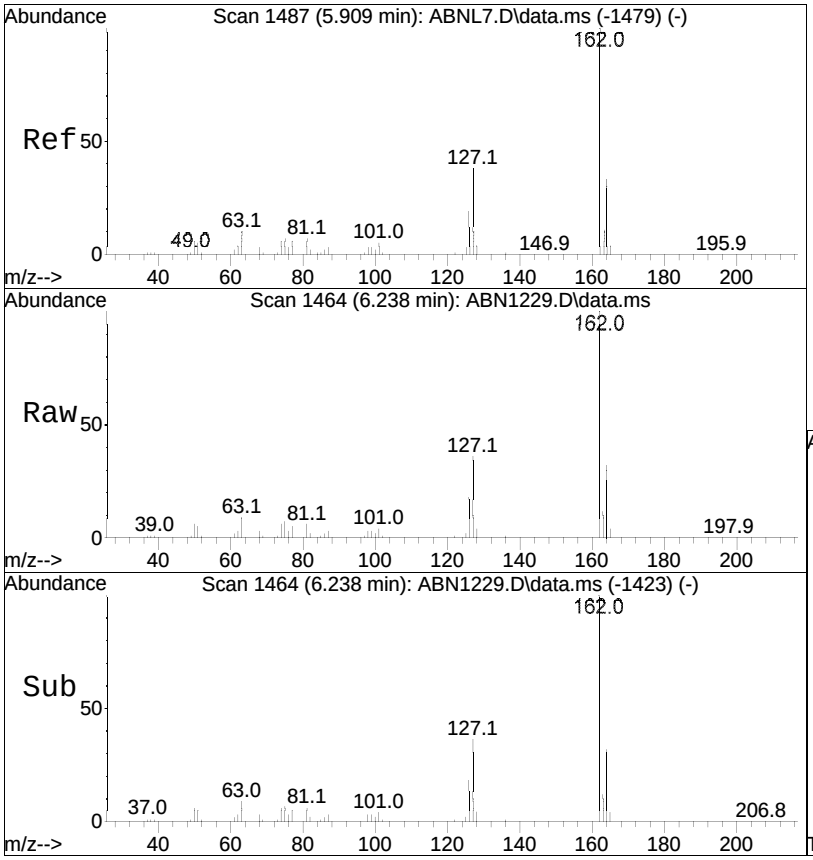


#45
2,4,5-Trichlorophenol
Concen: 57.89 ug/ml
RT: 6.095 min Scan# 1418
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:196 Resp: 167090

Ion	Ratio	Lower	Upper
196	100		
200	31.2	23.8	35.6
198	96.9	74.3	111.5

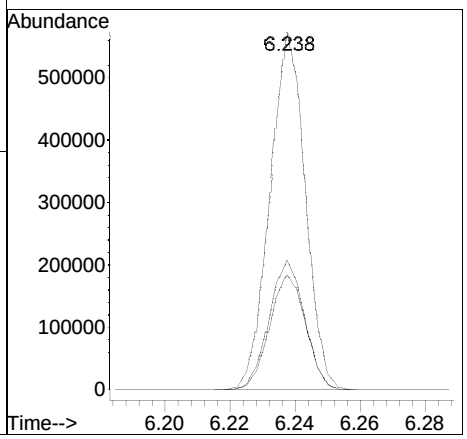


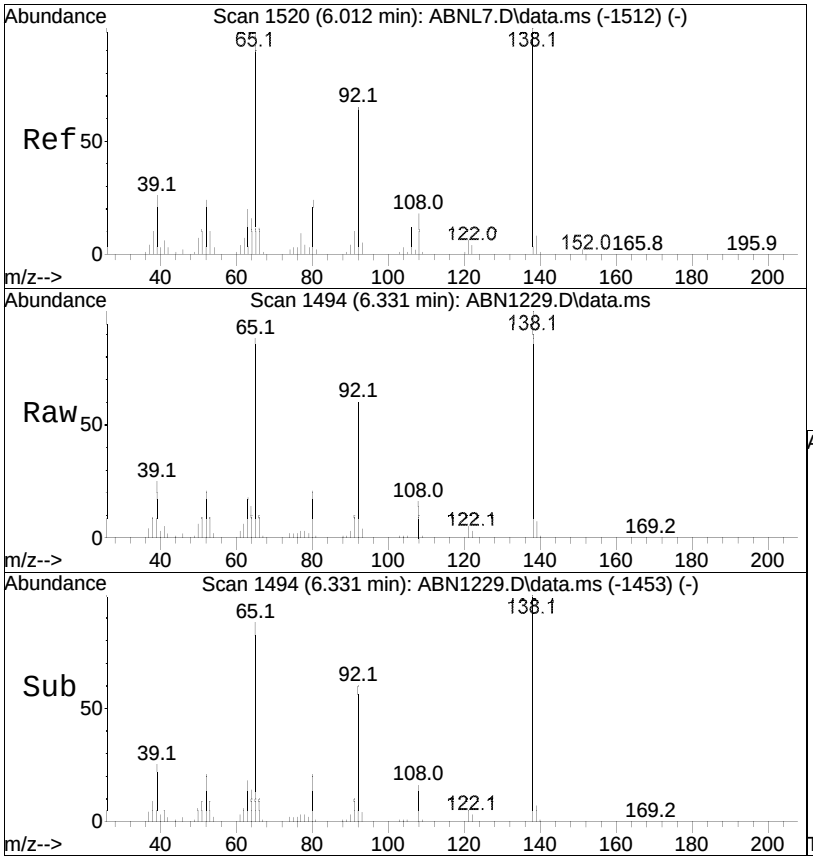


#47
2-Chloronaphthalene
Concen: 51.25 ug/ml
RT: 6.238 min Scan# 1464
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:162 Resp: 427168

Ion	Ratio	Lower	Upper
162	100		
127	36.6	33.9	50.9
164	33.1	26.3	39.5

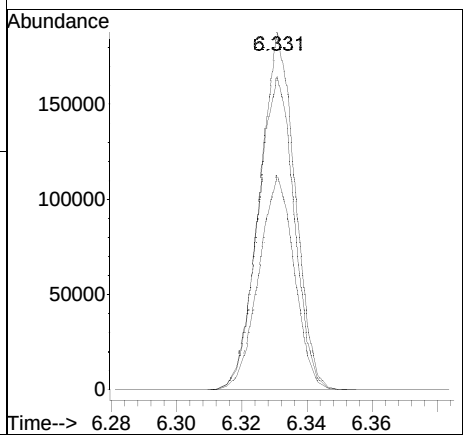


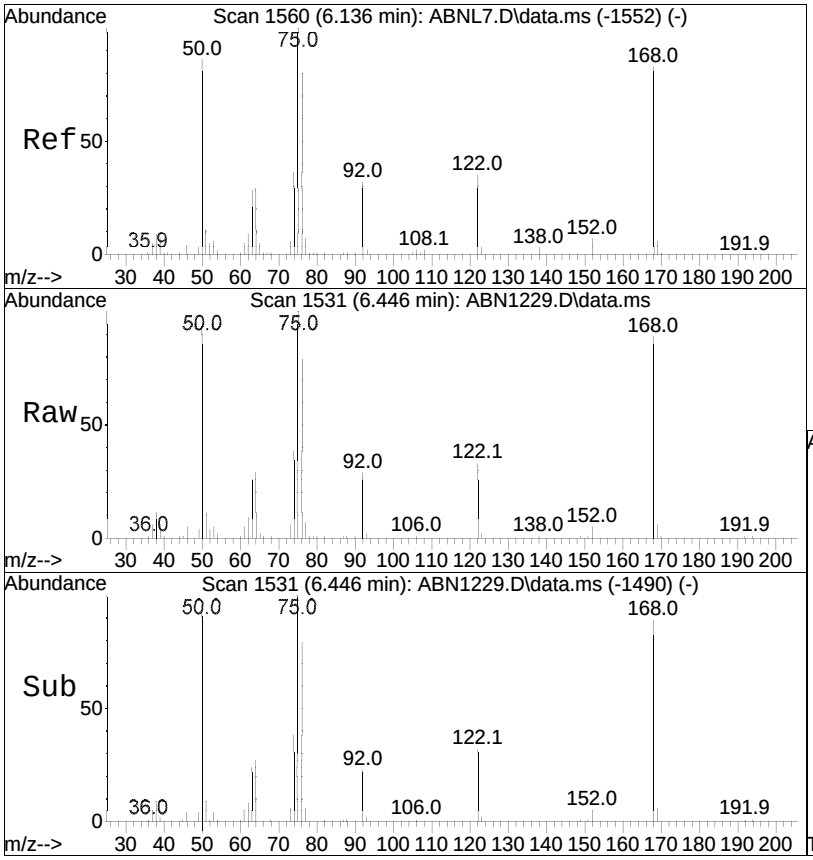


#48
2-Nitroaniline
Concen: 67.12 ug/ml
RT: 6.331 min Scan# 1494
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:138 Resp: 140774

Ion	Ratio	Lower	Upper
138	100		
92	60.0	52.5	78.7
65	89.9	67.7	101.5

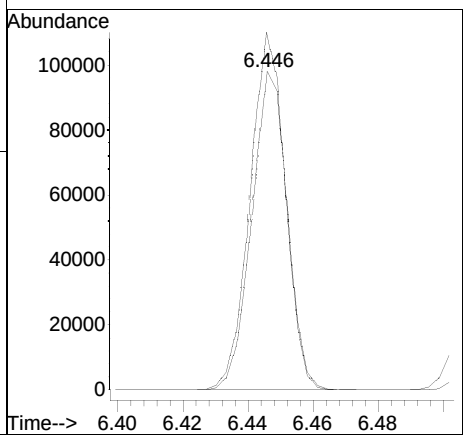


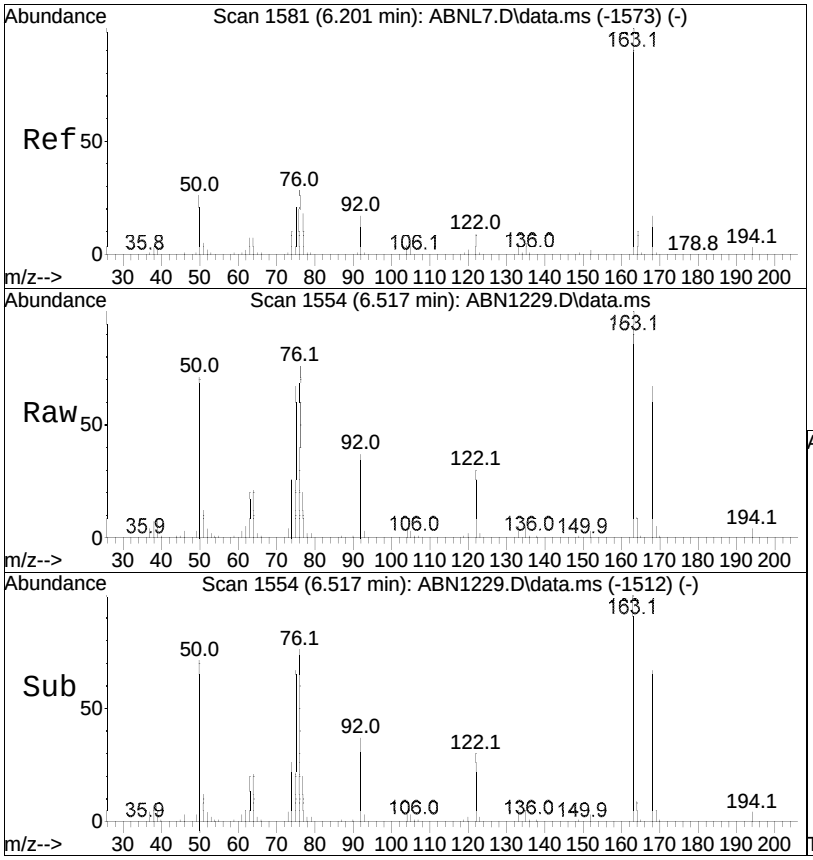


#49
1,4-Dinitrobenzene
Concen: 76.73 ug/ml
RT: 6.446 min Scan# 1531
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:168 Resp: 74112

Ion	Ratio	Lower	Upper
168	100		
75	111.0	120.6	181.0#

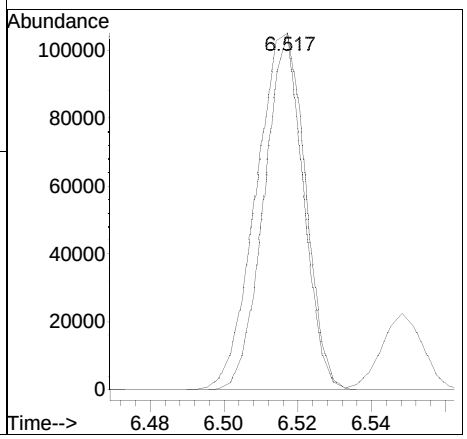


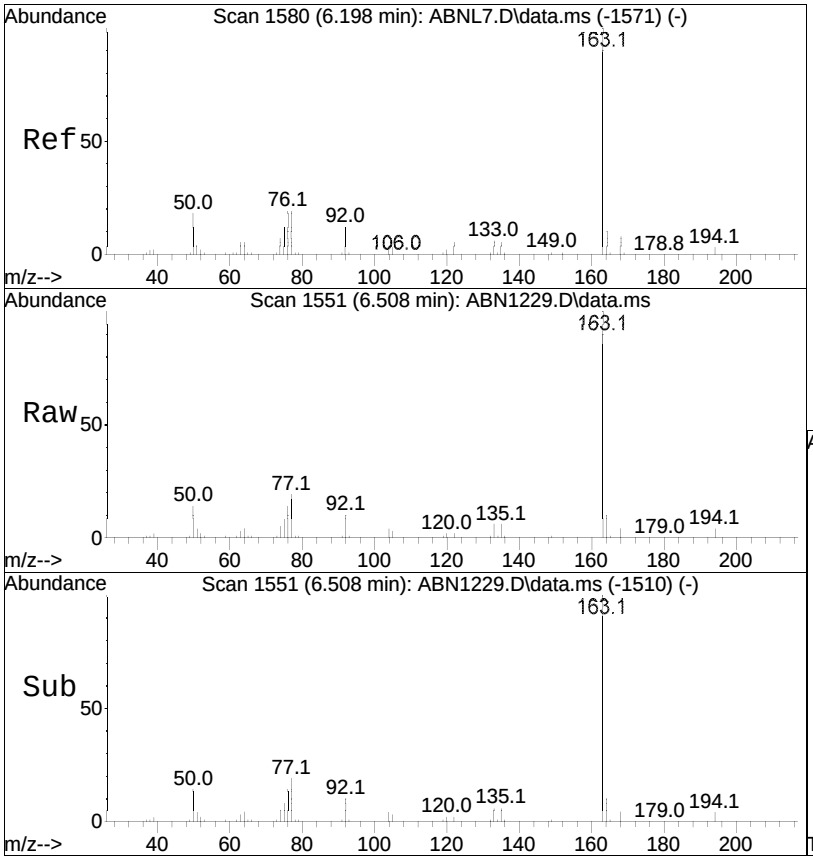


#50
1,3-Dinitrobenzene
Concen: 72.84 ug/ml
RT: 6.517 min Scan# 1554
Delta R.T. 0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:168 Resp: 81697

Ion	Ratio	Lower	Upper
168	100		
75	114.2	126.3	189.5#

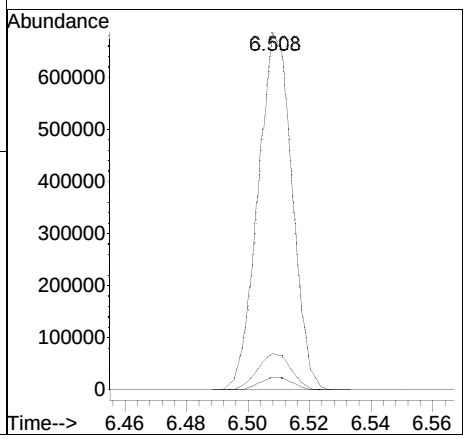


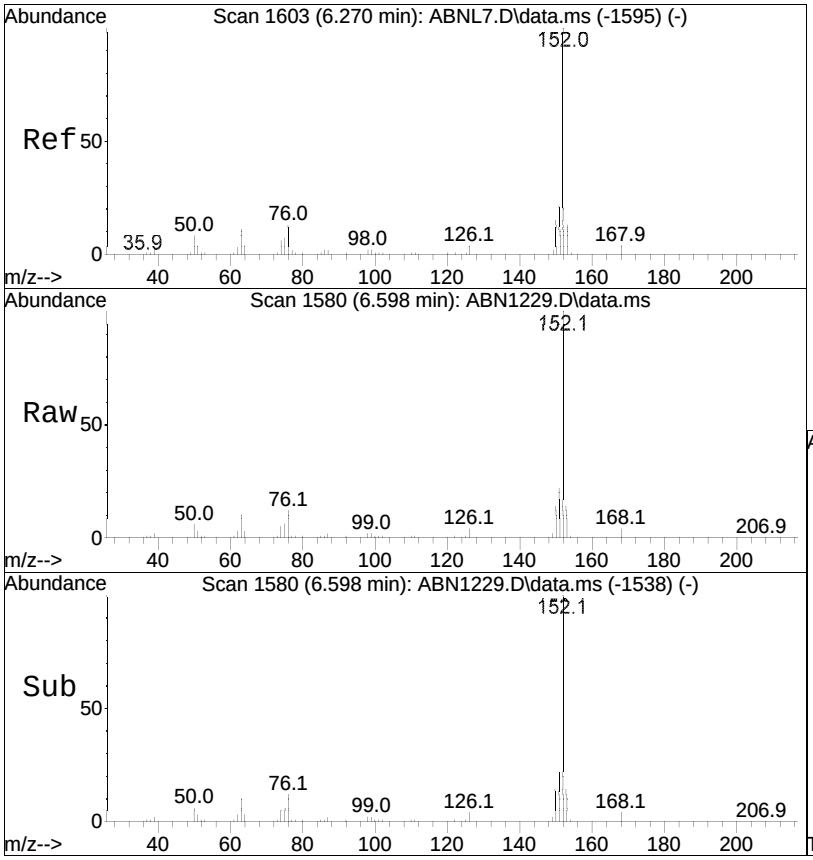


#51
Dimethyl phthalate
Concen: 52.57 ug/ml
RT: 6.508 min Scan# 1551
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:163 Resp: 522533

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.5	5.3#
164	10.3	8.3	12.5

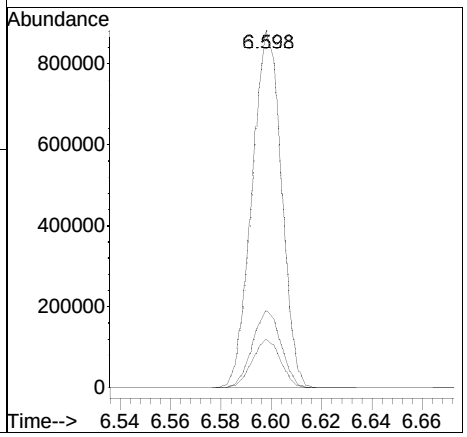


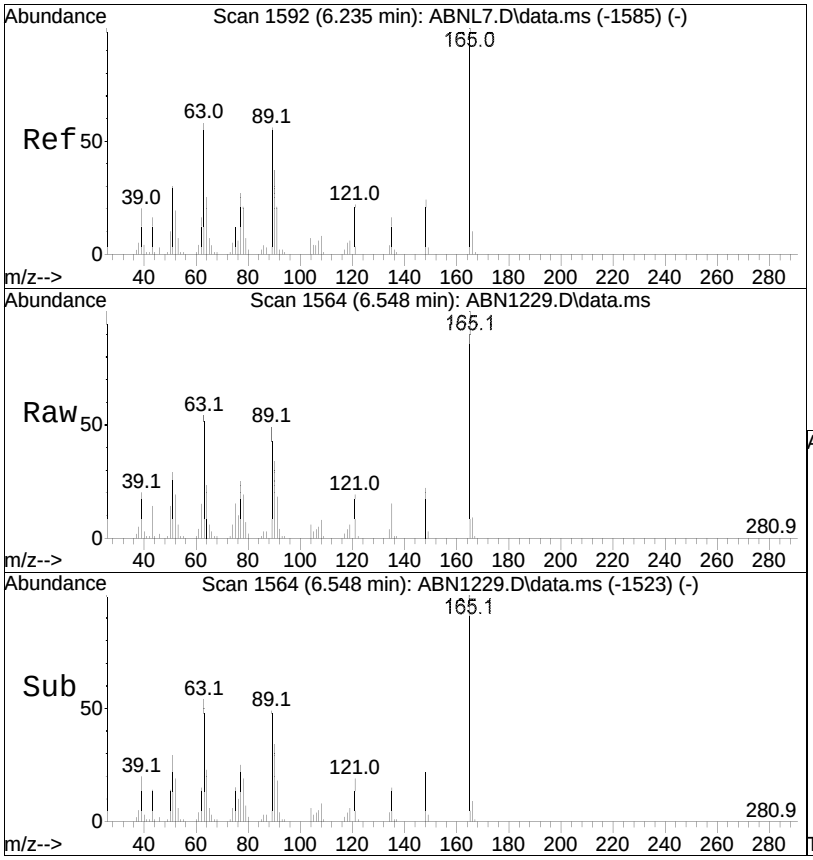


#52
Acenaphthylene
Concen: 51.75 ug/ml
RT: 6.598 min Scan# 1580
Delta R.T. 0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:152 Resp: 711657

Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.7	26.5
153	13.2	10.6	15.8

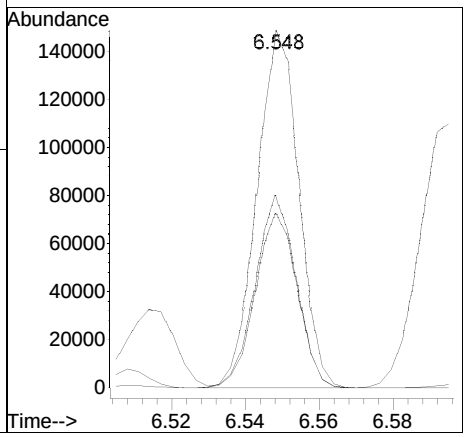


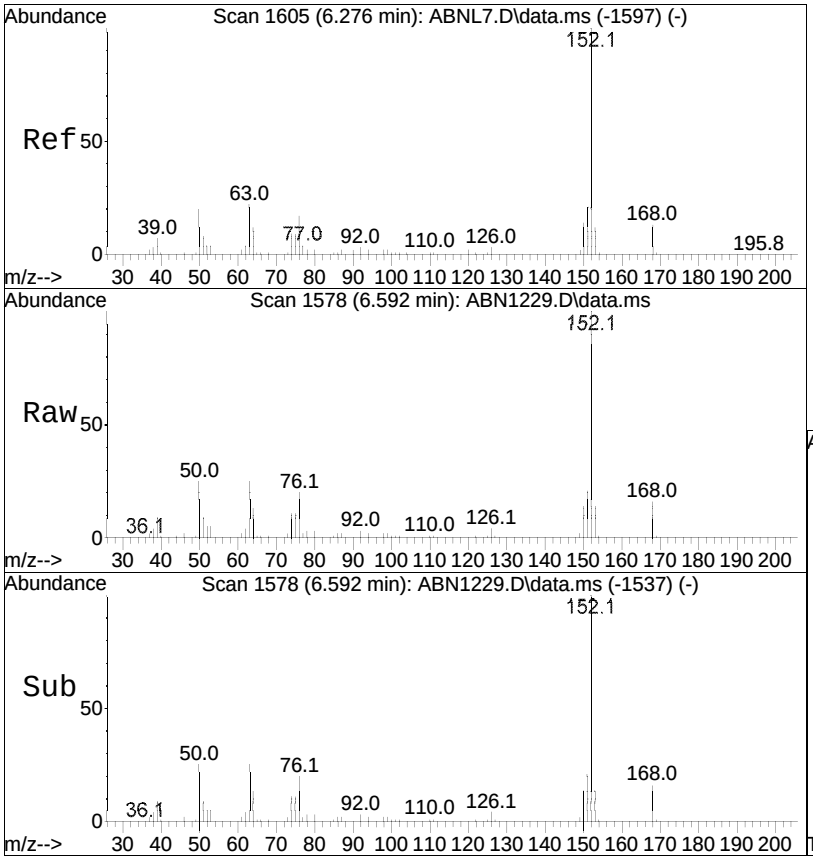


#53
2,6-Dinitrotoluene
Concen: 61.84 ug/ml
RT: 6.548 min Scan# 1564
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:165 Resp: 117300

Ion	Ratio	Lower	Upper
165	100		
89	48.9	56.8	85.2#
63	52.4	50.6	76.0

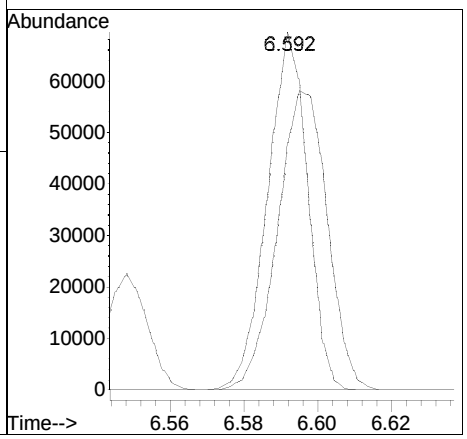


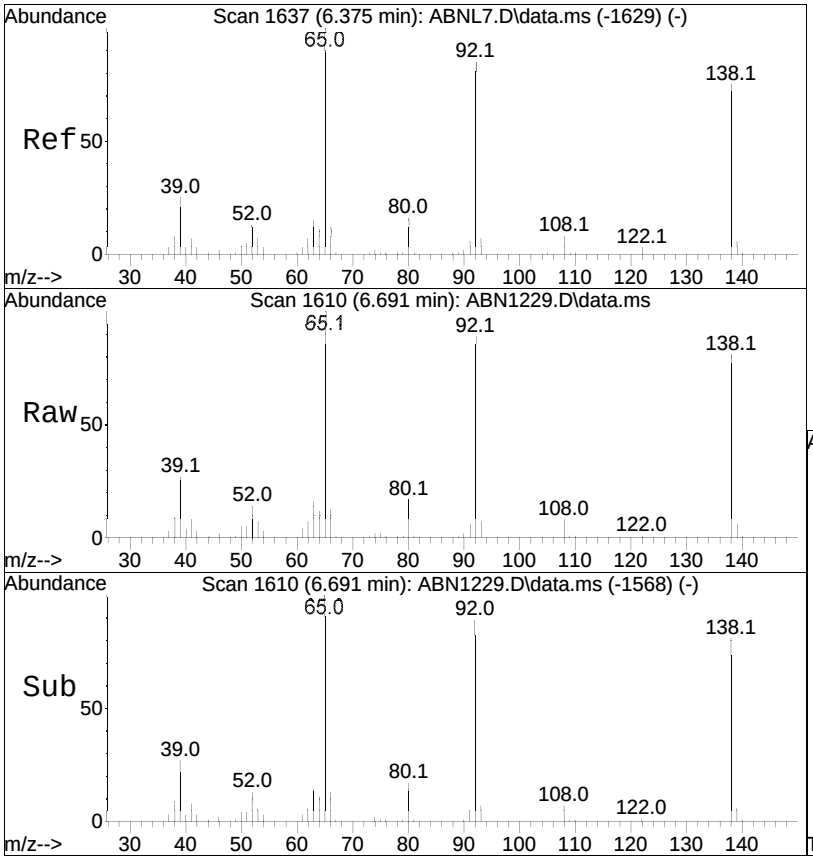


#54
1,2-Dinitrobenzene
Concen: 73.20 ug/ml
RT: 6.592 min Scan# 1578
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:168 Resp: 52490

Ion	Ratio	Lower	Upper
168	100		
75	103.3	106.6	160.0#

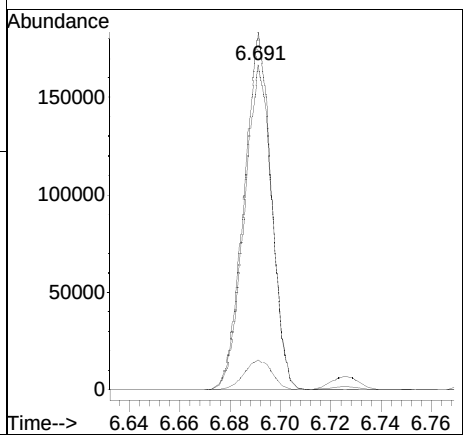


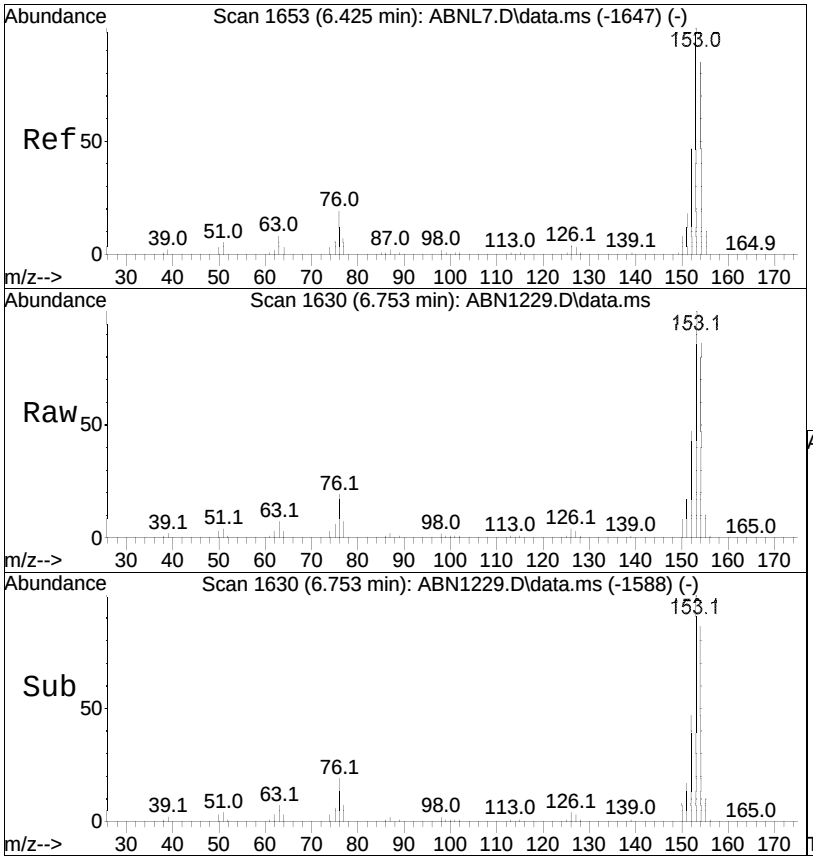


#64
3-Nitroaniline
Concen: 53.34 ug/ml
RT: 6.691 min Scan# 1610
Delta R.T. 0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:138 Resp: 126579

Ion	Ratio	Lower	Upper
138	100		
92	108.0	95.4	143.2
108	9.4	8.1	12.1

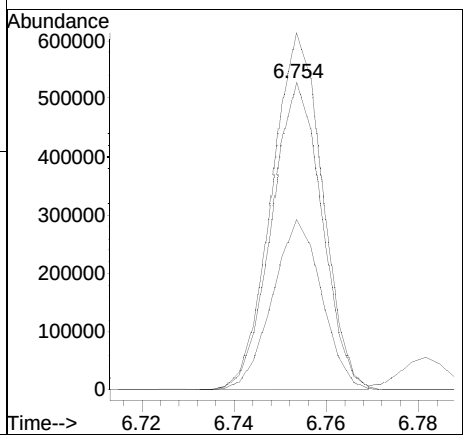


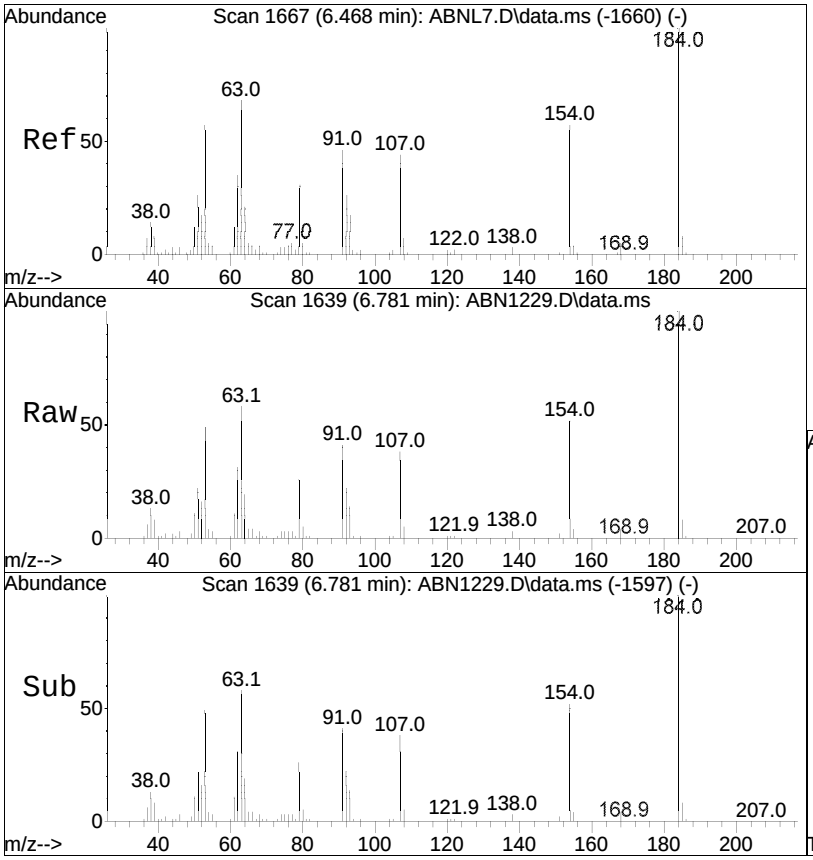


#65
Acenaphthene
Concen: 42.98 ug/ml
RT: 6.753 min Scan# 1630
Delta R.T. 0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:154 Resp: 399087

Ion	Ratio	Lower	Upper
154	100		
153	117.1	89.2	133.8
152	54.6	44.2	66.2

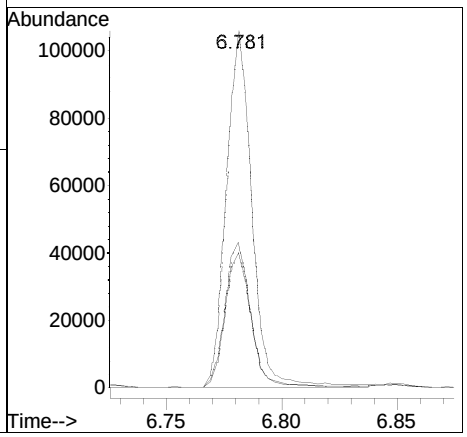


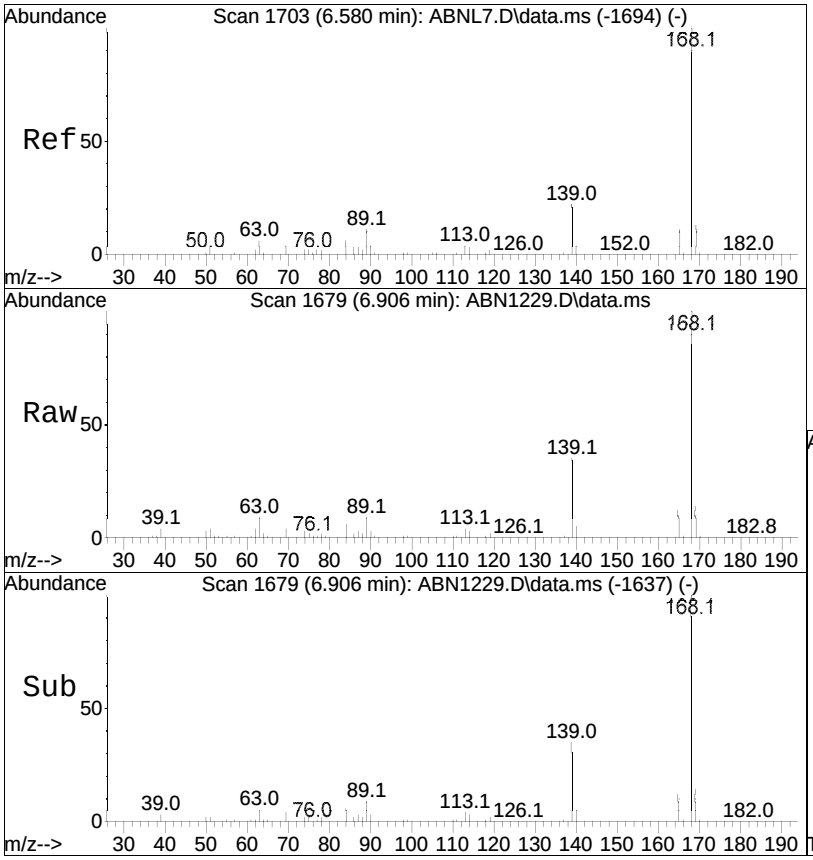


#66
2,4-Dinitrophenol
Concen: 87.70 ug/ml
RT: 6.781 min Scan# 1639
Delta R.T. 0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:184 Resp: 81287

Ion	Ratio	Lower	Upper
184	100		
107	38.5	40.6	61.0#
91	41.5	47.3	70.9#

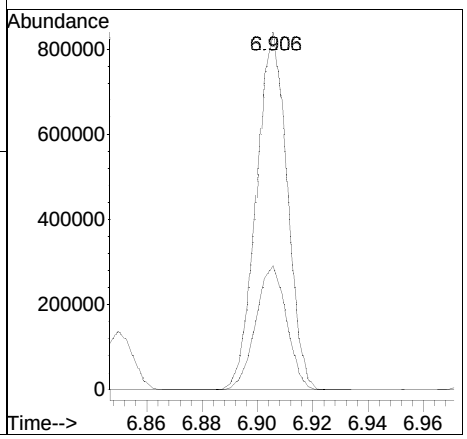


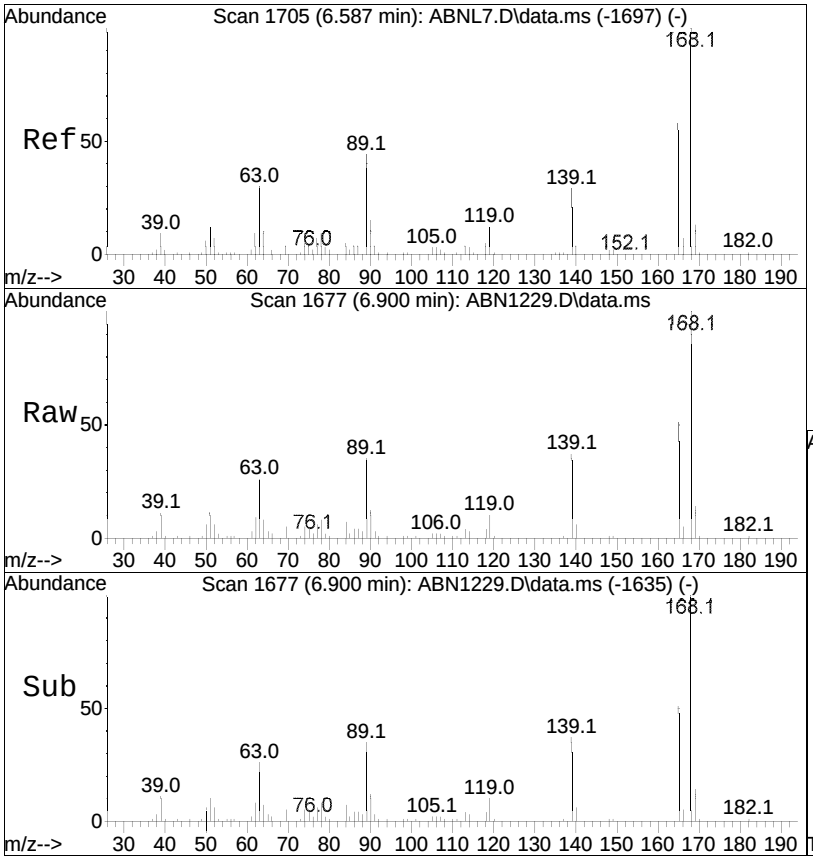


#67
Dibenzofuran
Concen: 43.99 ug/ml
RT: 6.906 min Scan# 1679
Delta R.T. 0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:168 Resp: 644316

Ion	Ratio	Lower	Upper
168	100		
139	35.0	33.3	49.9

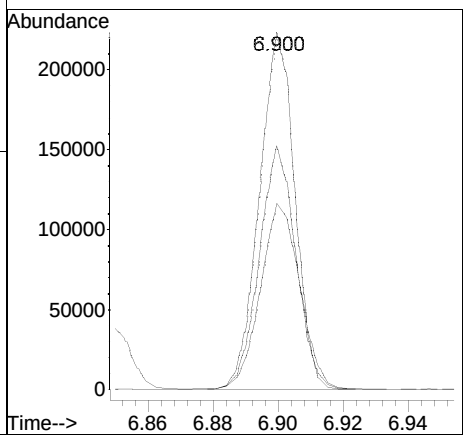


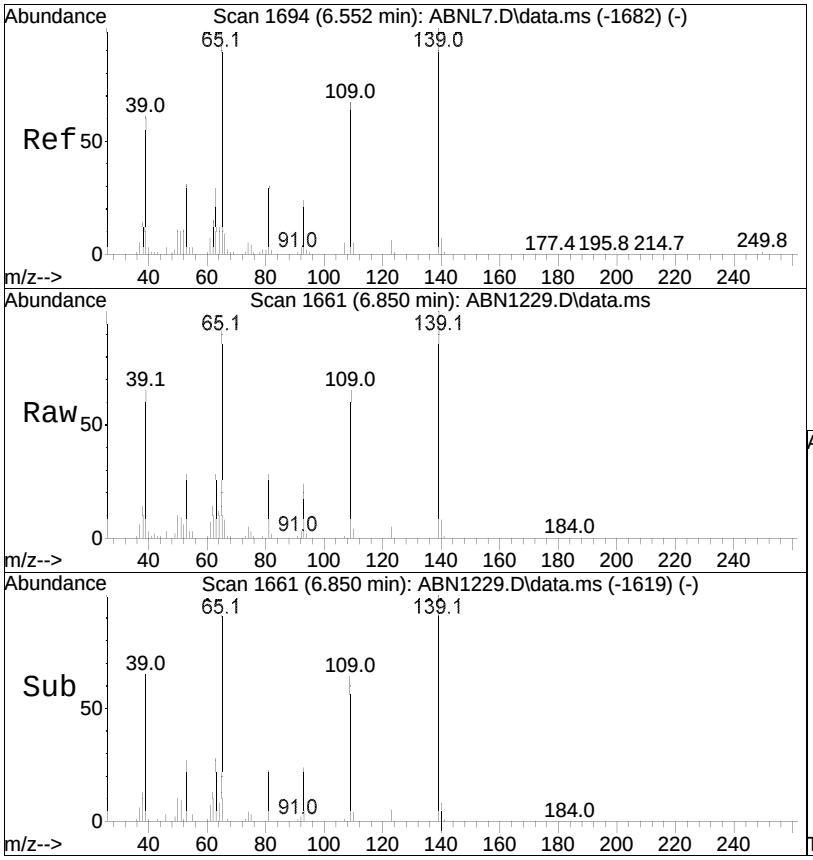


#68
2,4-Dinitrotoluene
Concen: 53.25 ug/ml
RT: 6.900 min Scan# 1677
Delta R.T. 0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:165 Resp: 166806

Ion	Ratio	Lower	Upper
165	100		
89	70.6	82.6	124.0#
63	58.6	56.9	85.3

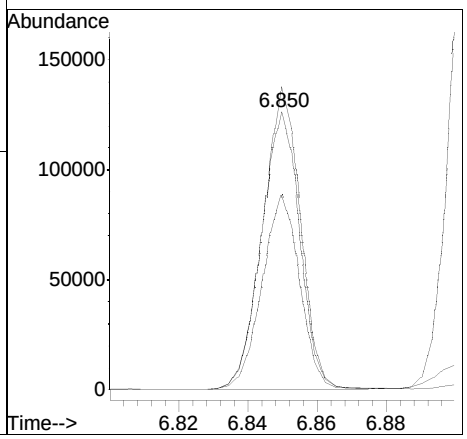


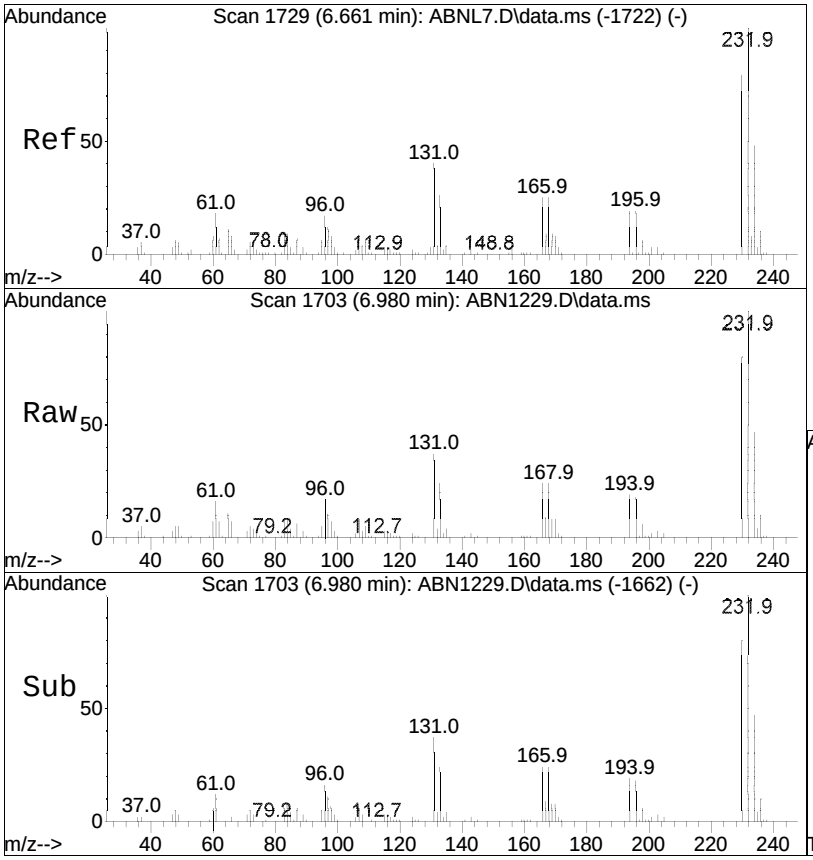


#69
4-Nitrophenol
Concen: 48.11 ug/ml
RT: 6.850 min Scan# 1661
Delta R.T. 0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion: 65 Resp: 97683

Ion	Ratio	Lower	Upper
65	100		
109	69.1	60.7	91.1
139	107.1	90.3	135.5

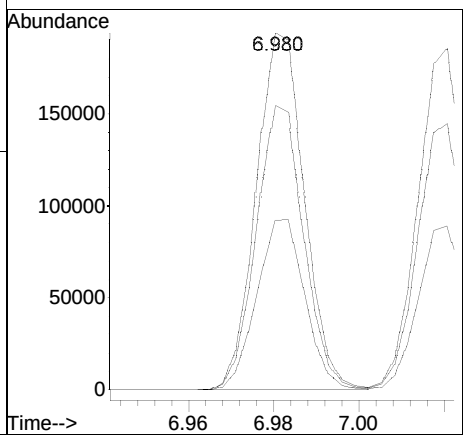


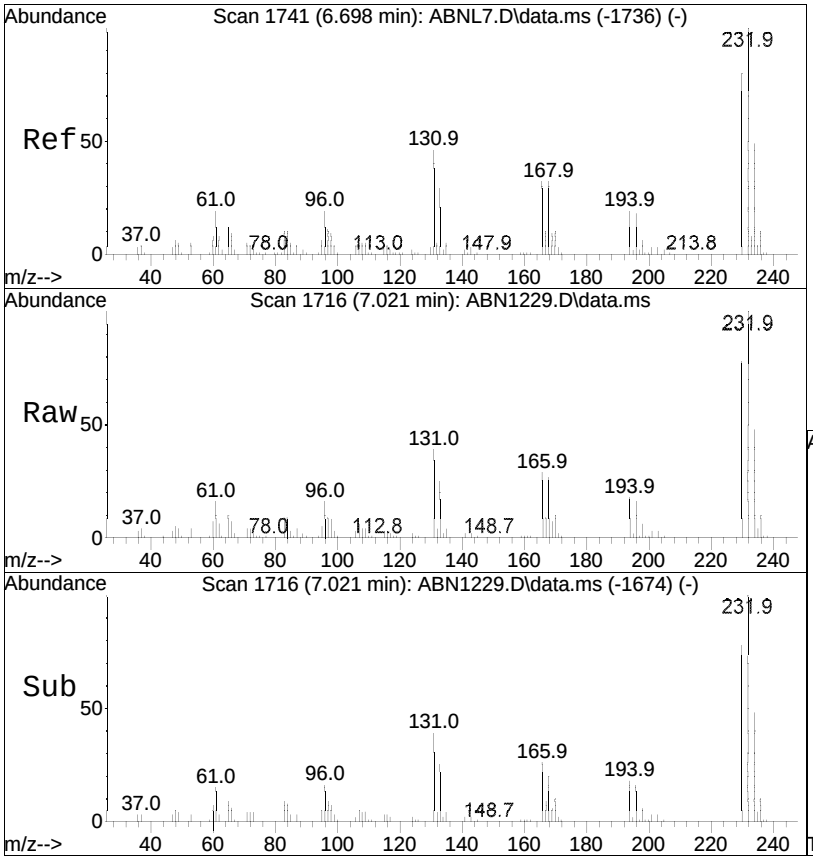


#70
2,3,5,6-Tetrachlorophenol
Concen: 60.30 ug/ml
RT: 6.980 min Scan# 1703
Delta R.T. 0.003 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:232 Resp: 152848

Ion	Ratio	Lower	Upper
232	100		
230	78.7	64.1	96.1
234	47.8	38.2	57.2

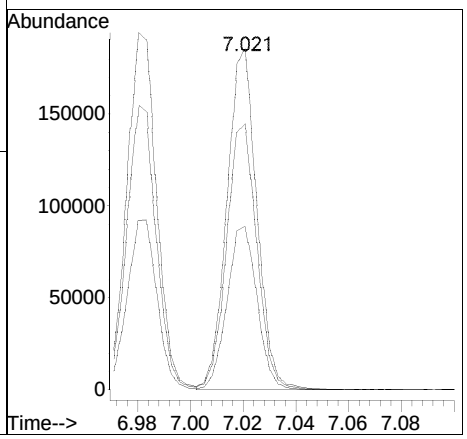


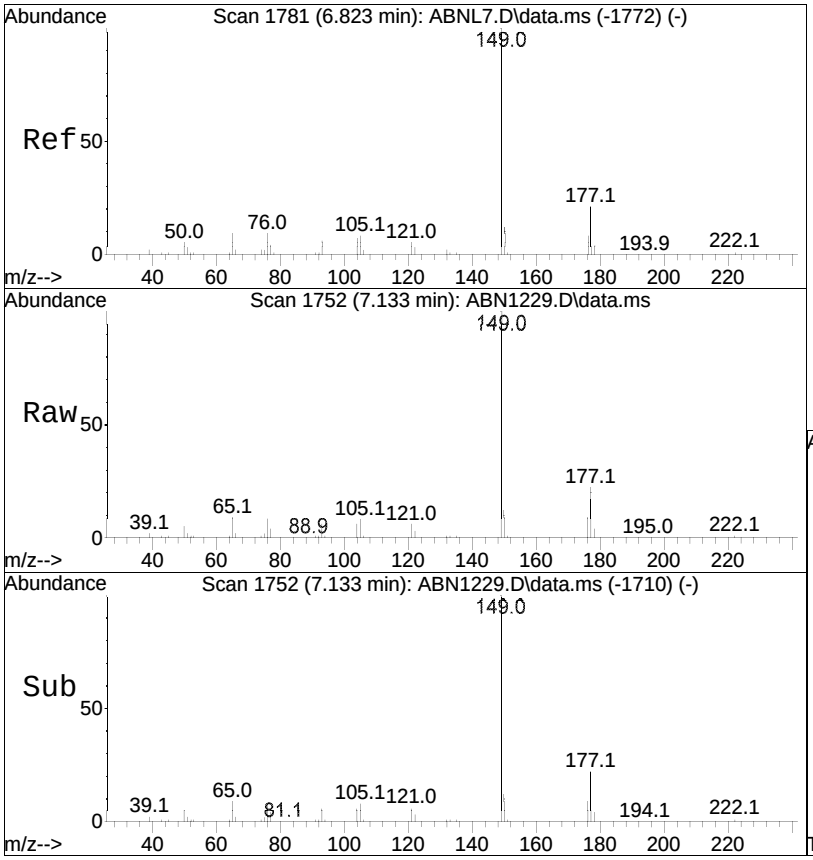


#71
2,3,4,6-Tetrachlorophenol
Concen: 54.45 ug/ml
RT: 7.021 min Scan# 1716
Delta R.T. 0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:232 Resp: 147033

Ion	Ratio	Lower	Upper
232	100		
230	78.2	61.6	92.4
234	48.1	39.0	58.6

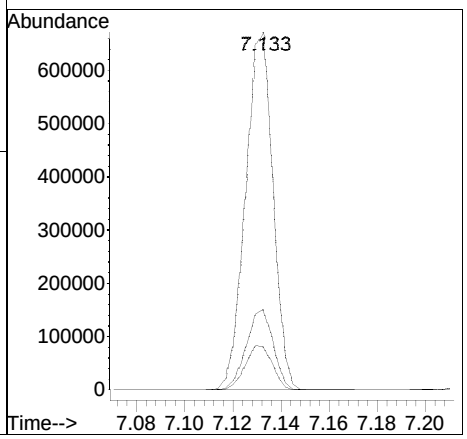


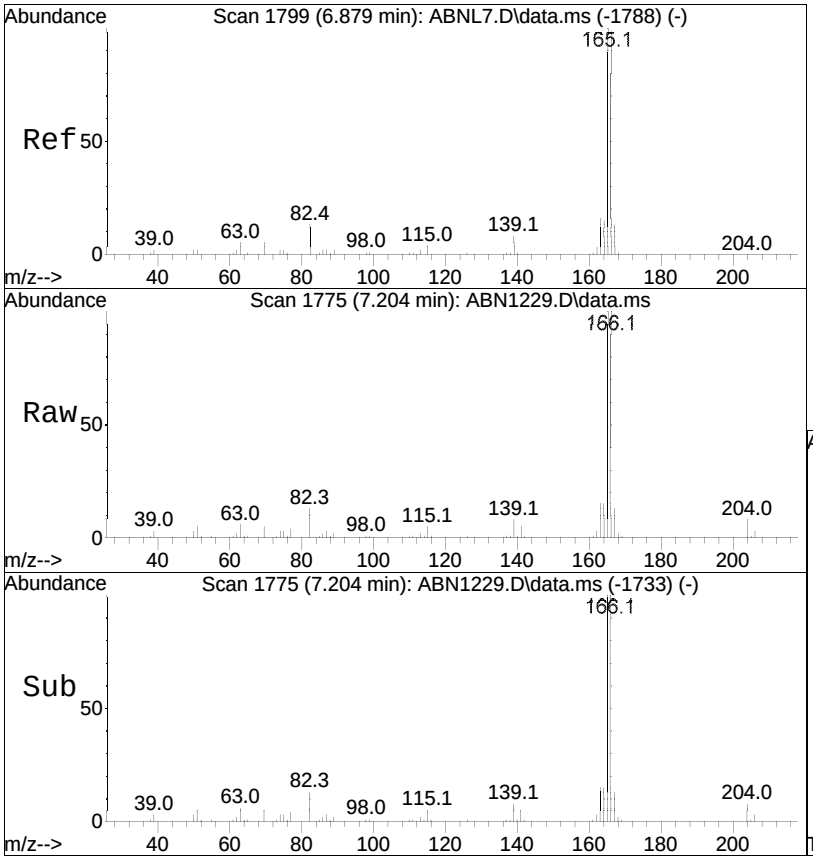


#72
Diethyl phthalate
Concen: 44.41 ug/ml
RT: 7.133 min Scan# 1752
Delta R.T. 0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:149 Resp: 526344

Ion	Ratio	Lower	Upper
149	100		
177	22.2	14.7	22.1#
150	12.4	9.4	14.0

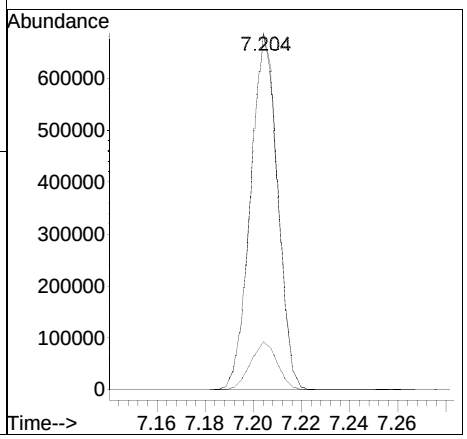


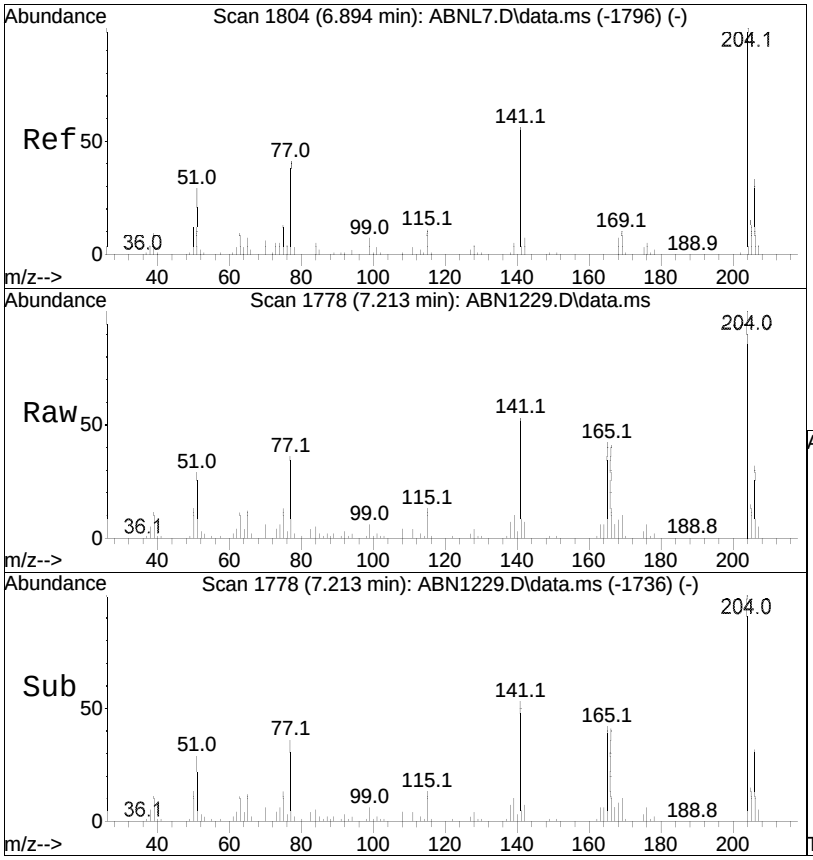


#73
Fluorene
Concen: 45.14 ug/ml
RT: 7.204 min Scan# 1775
Delta R.T. 0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:166 Resp: 532457

Ion	Ratio	Lower	Upper
166	100		
165	101.2	76.7	115.1
167	13.6	11.0	16.4

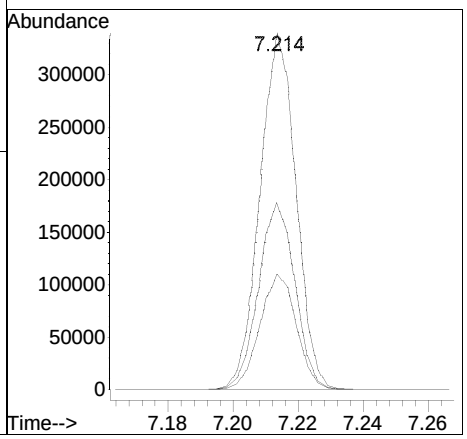


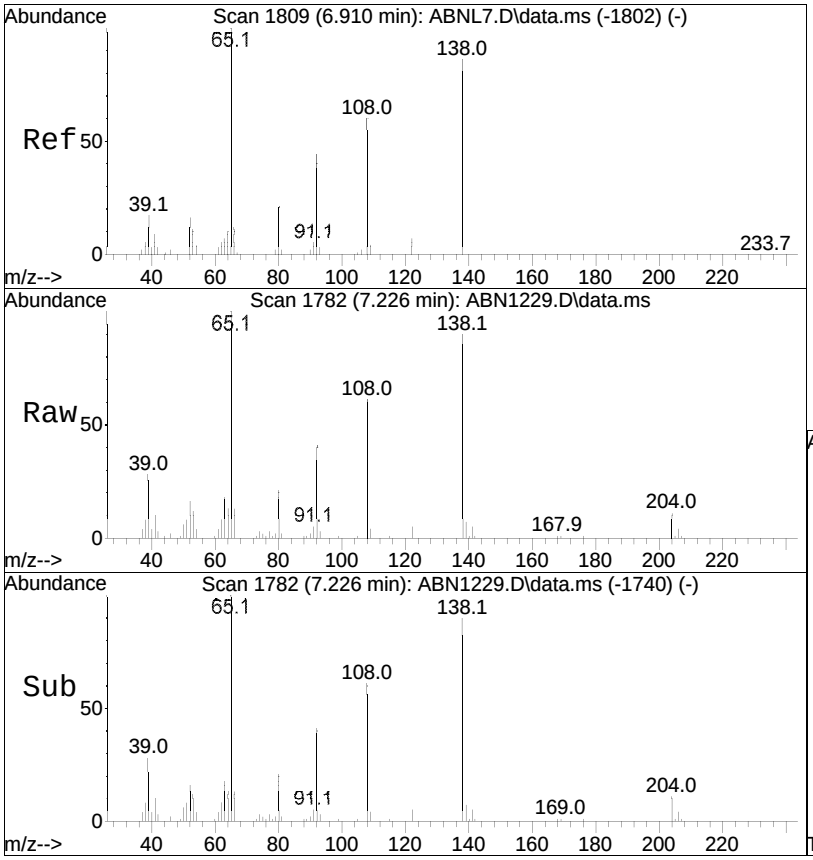


#74
4-Chlorophenyl phenyl ether
Concen: 44.64 ug/ml
RT: 7.213 min Scan# 1778
Delta R.T. 0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:204 Resp: 260021

Ion	Ratio	Lower	Upper
204	100		
206	32.9	25.8	38.6
141	52.9	56.2	84.4#

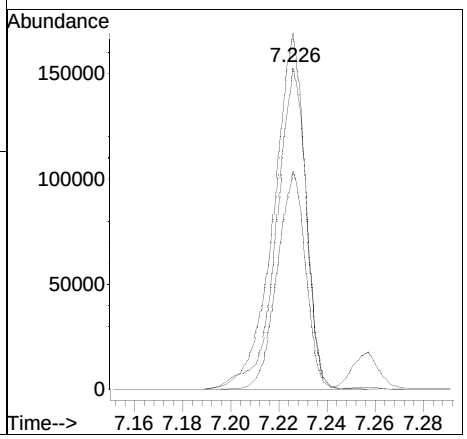


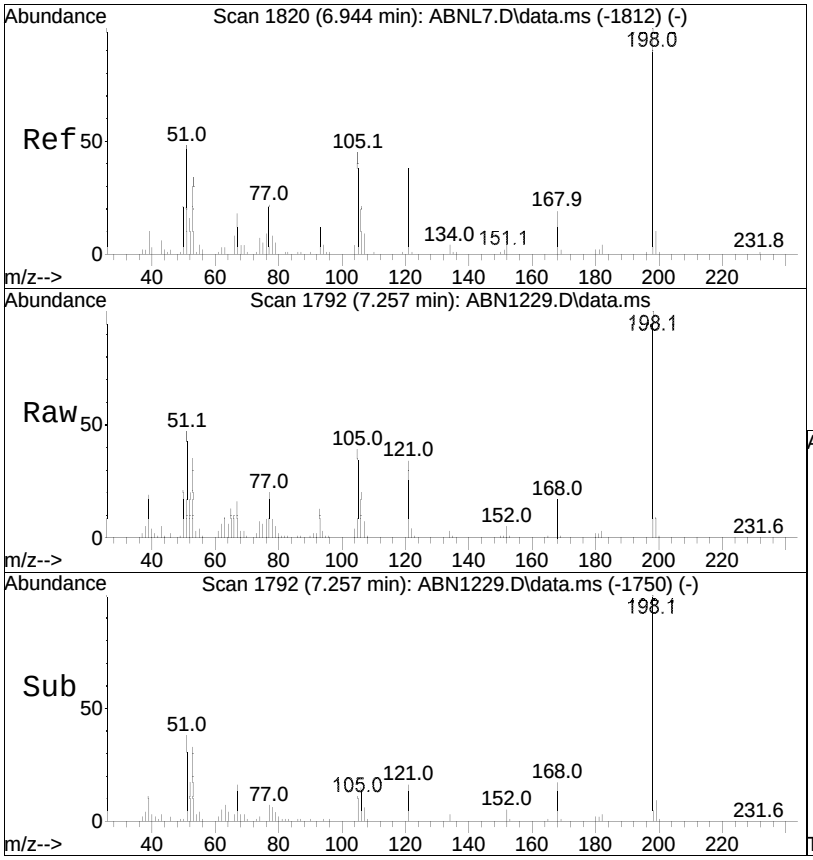


#75
4-Nitroaniline
Concen: 54.44 ug/ml
RT: 7.226 min Scan# 1782
Delta R.T. 0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:138 Resp: 132582

Ion	Ratio	Lower	Upper
138	100		
108	63.9	54.2	81.4
65	115.5	88.2	132.4

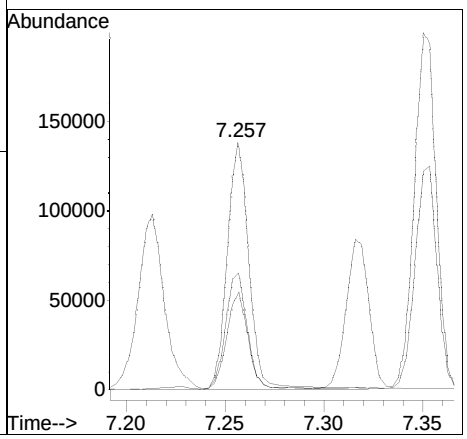


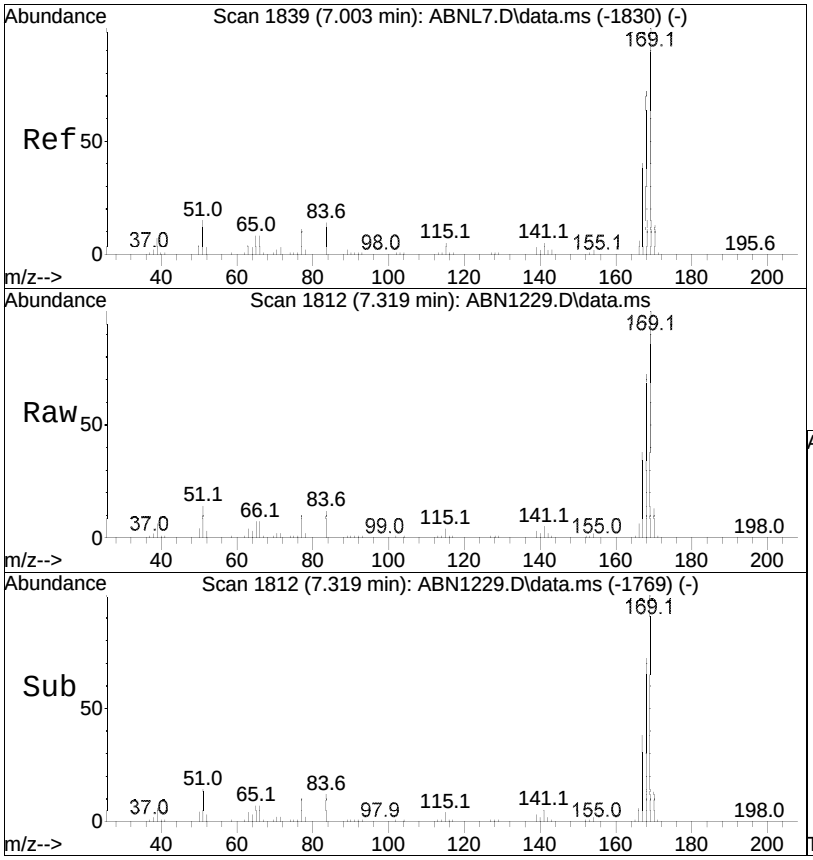


#76
4,6-Dinitro-o-cresol
Concen: 73.06 ug/ml
RT: 7.257 min Scan# 1792
Delta R.T. 0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:198 Resp: 106538

Ion	Ratio	Lower	Upper
198	100		
51	46.4	41.0	61.4
105	38.2	49.0	73.4#

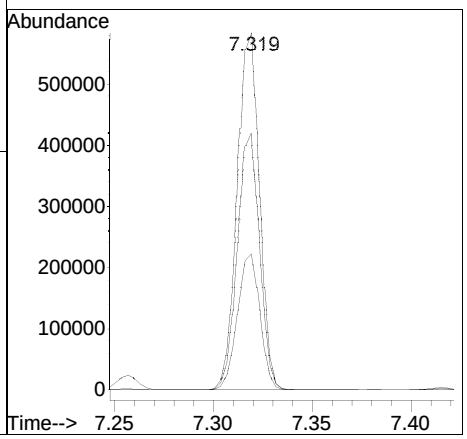


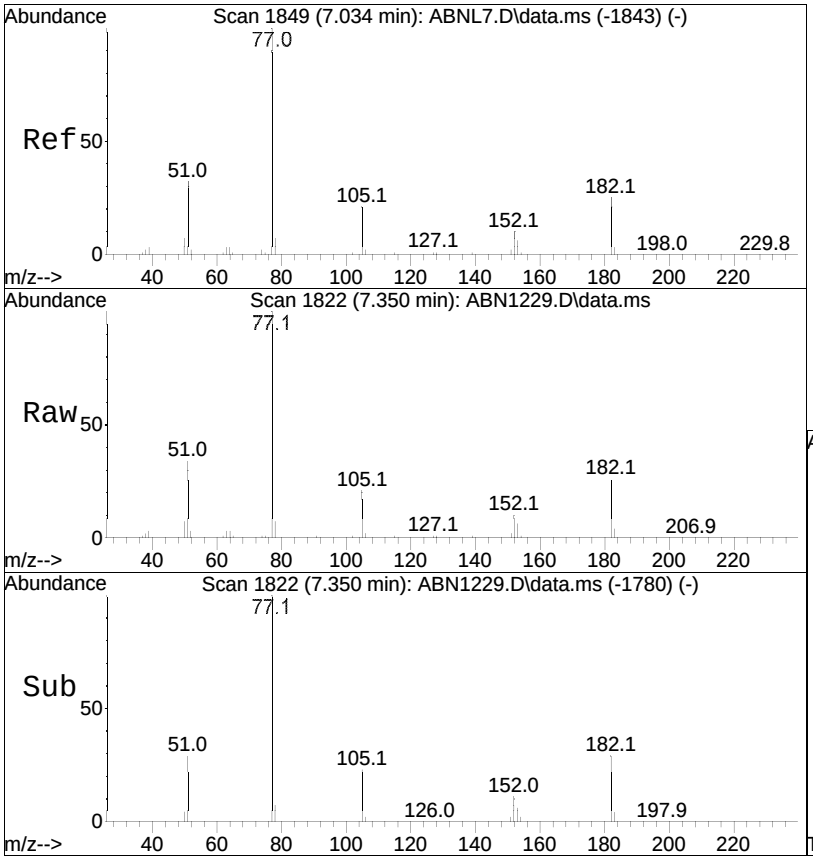


#77
NDPA/DPA
Concen: 44.62 ug/ml
RT: 7.319 min Scan# 1812
Delta R.T. 0.009 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:169 Resp: 456185

Ion	Ratio	Lower	Upper
169	100		
168	71.7	58.2	87.4
167	38.7	31.7	47.5

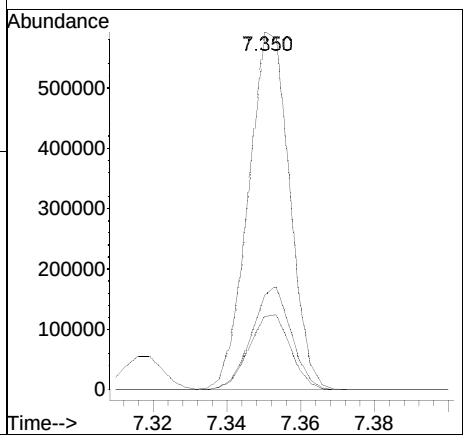


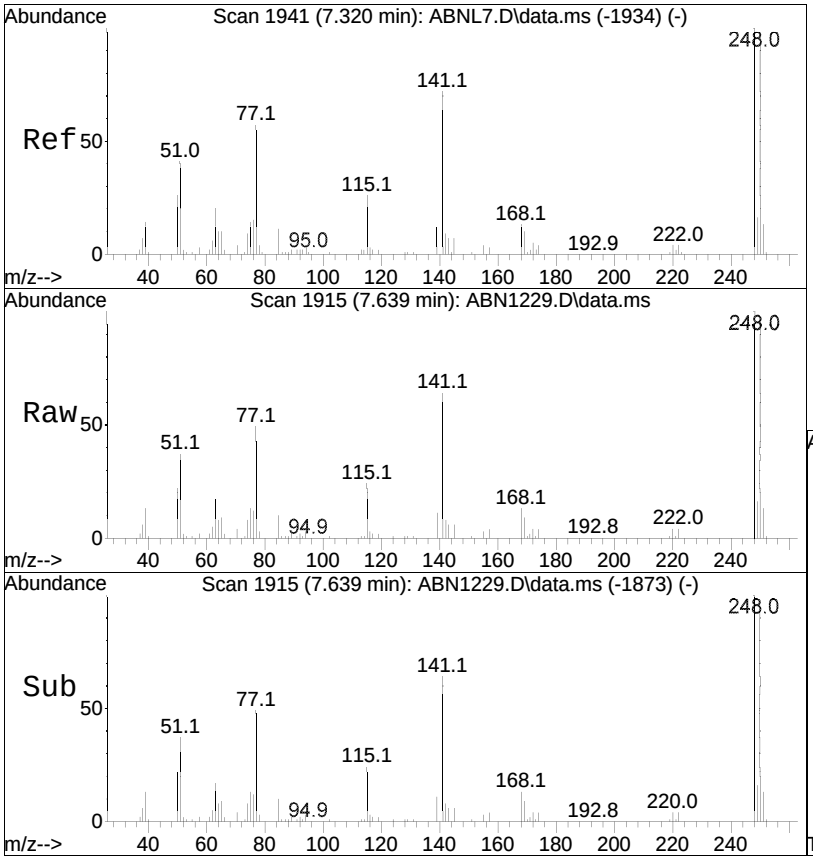


#78
Azobenzene
Concen: 41.66 ug/ml
RT: 7.350 min Scan# 1822
Delta R.T. 0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion: 77 Resp: 456985

Ion	Ratio	Lower	Upper
77	100		
182	27.7	14.9	22.3#
105	21.5	12.8	19.2#

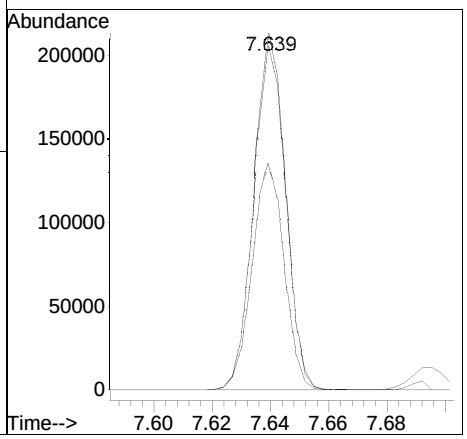


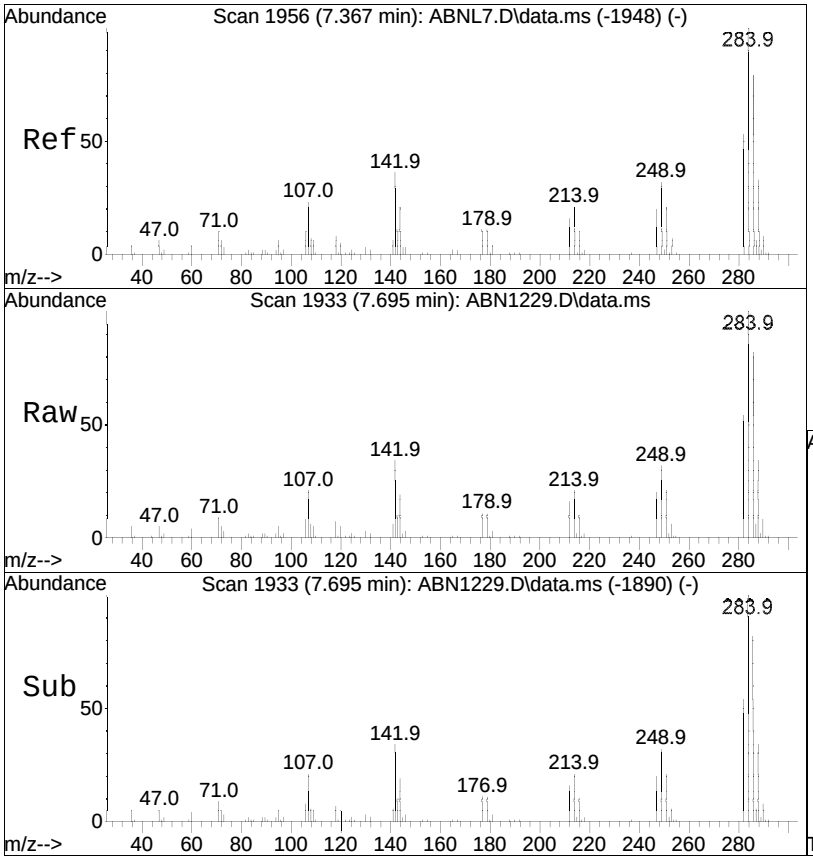


#80
4-Bromophenyl phenyl ether
Concen: 45.92 ug/ml
RT: 7.639 min Scan# 1915
Delta R.T. 0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:248 Resp: 161212

Ion	Ratio	Lower	Upper
248	100		
141	64.1	68.2	102.4#
250	97.2	76.5	114.7

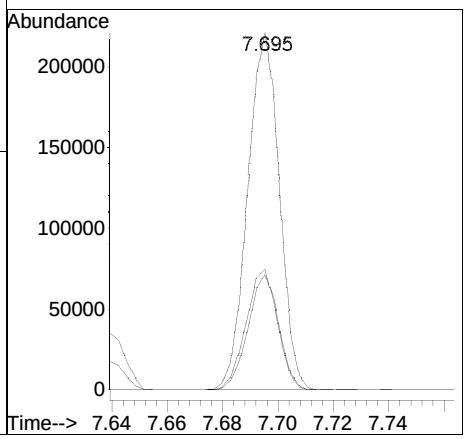


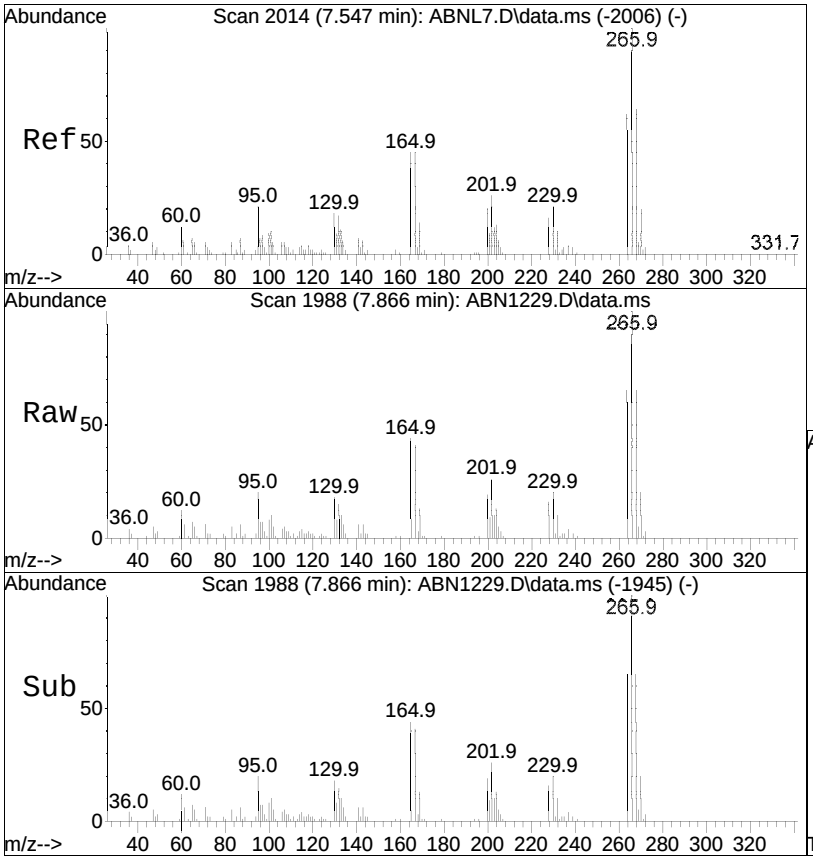


#81
Hexachlorobenzene
Concen: 44.07 ug/ml
RT: 7.695 min Scan# 1933
Delta R.T. 0.009 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:284 Resp: 175416

Ion	Ratio	Lower	Upper
284	100		
142	33.6	38.1	57.1#
249	31.5	20.7	31.1#

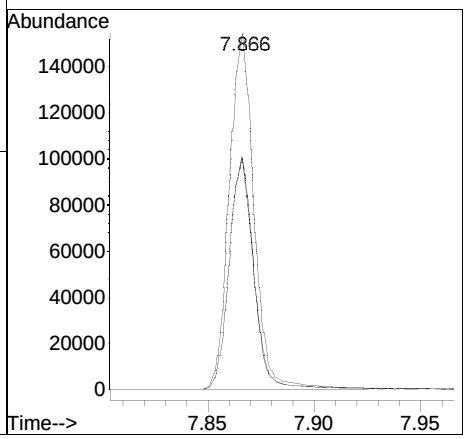


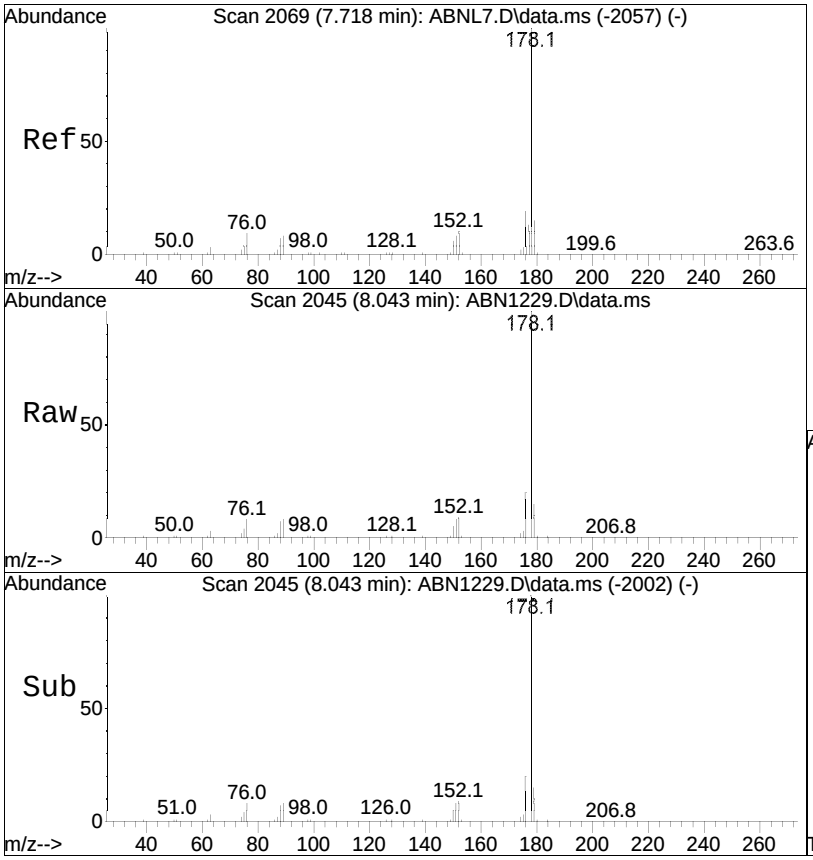


#82
Pentachlorophenol
Concen: 51.69 ug/ml
RT: 7.866 min Scan# 1988
Delta R.T. 0.009 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:266 Resp: 124869

Ion	Ratio	Lower	Upper
266	100		
264	63.9	49.4	74.2
268	65.0	51.1	76.7

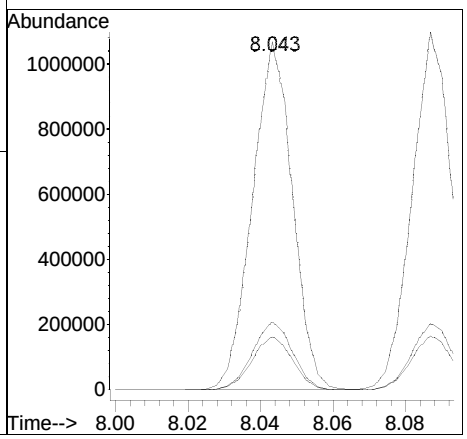


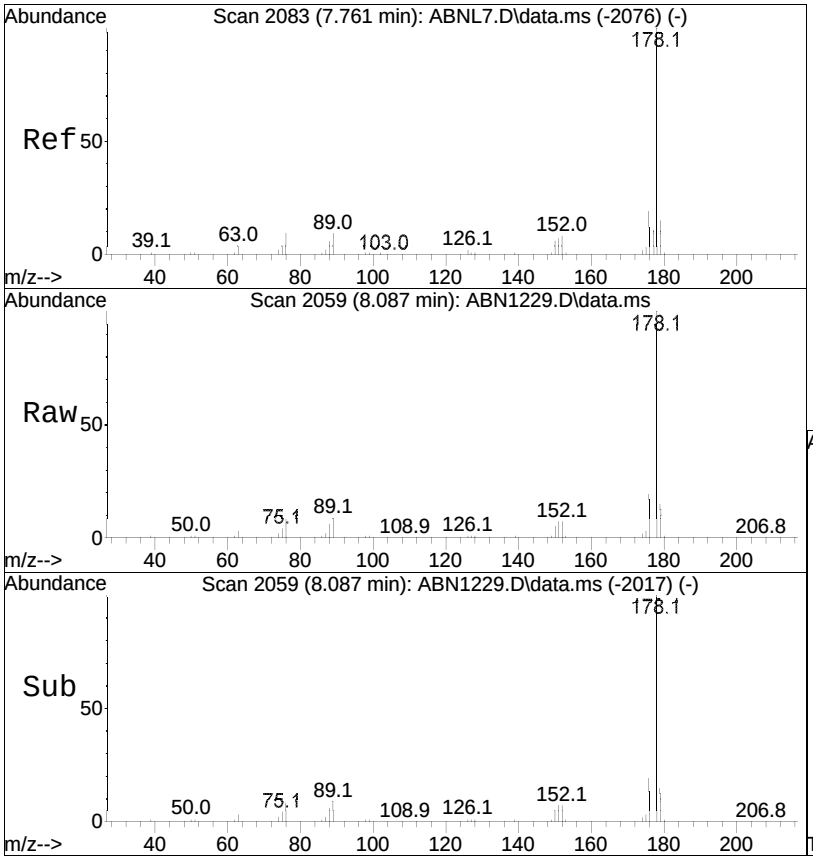


#89
Phenanthrene
Concen: 44.81 ug/ml M3
RT: 8.043 min Scan# 2045
Delta R.T. 0.009 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:178 Resp: 820319

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	19.4	16.7	25.1

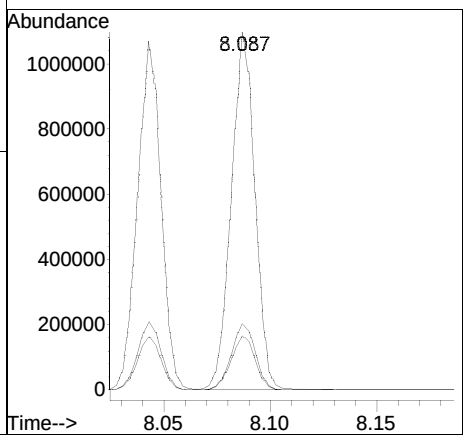


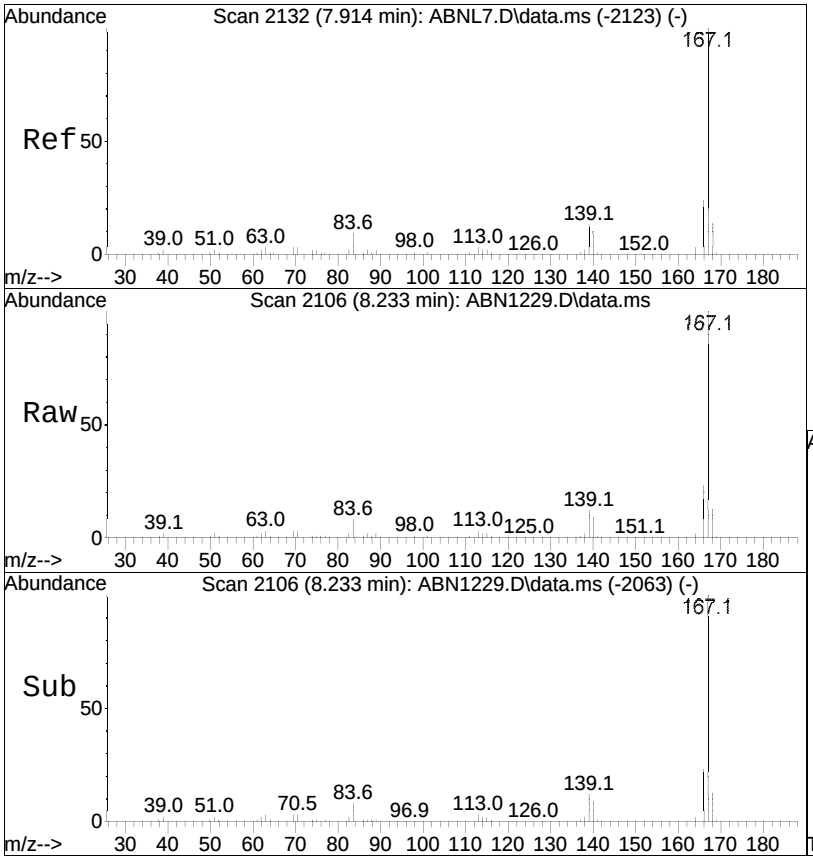


#90
Anthracene
Concen: 46.17 ug/ml
RT: 8.087 min Scan# 2059
Delta R.T. 0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:178 Resp: 843474

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.7	19.1
176	18.8	16.6	24.8

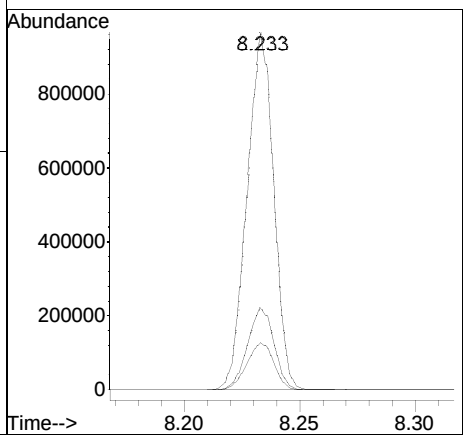


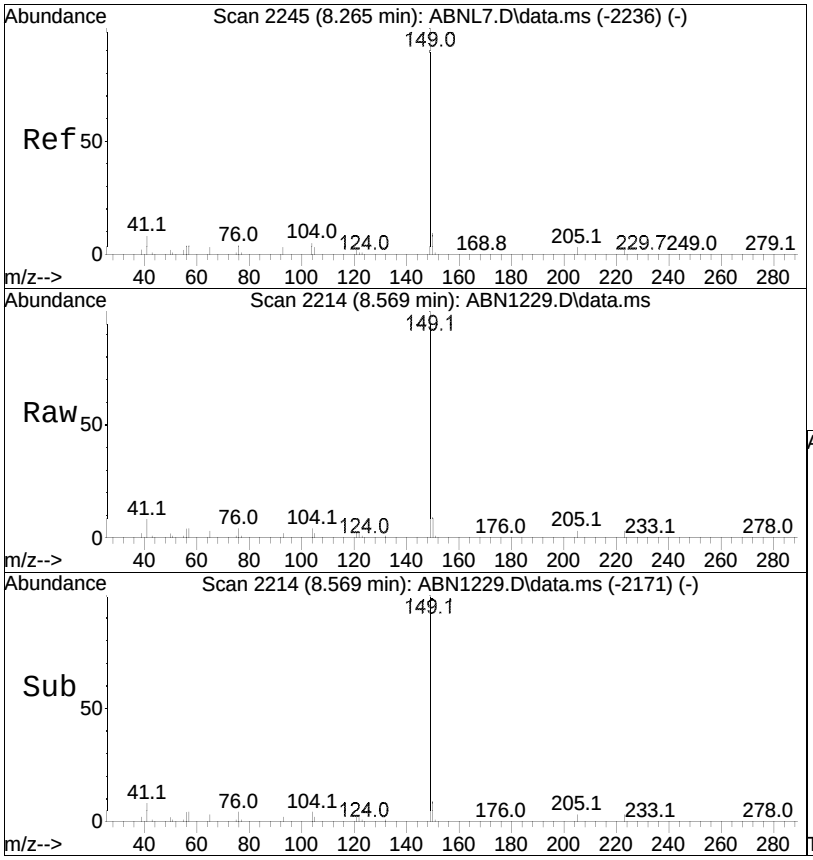


#91
Carbazole
Concen: 44.59 ug/ml
RT: 8.233 min Scan# 2106
Delta R.T. 0.009 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:167 Resp: 771306

Ion	Ratio	Lower	Upper
167	100		
168	13.5	11.3	16.9
166	22.9	18.9	28.3

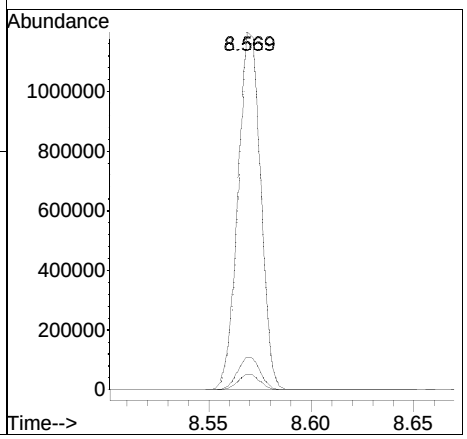


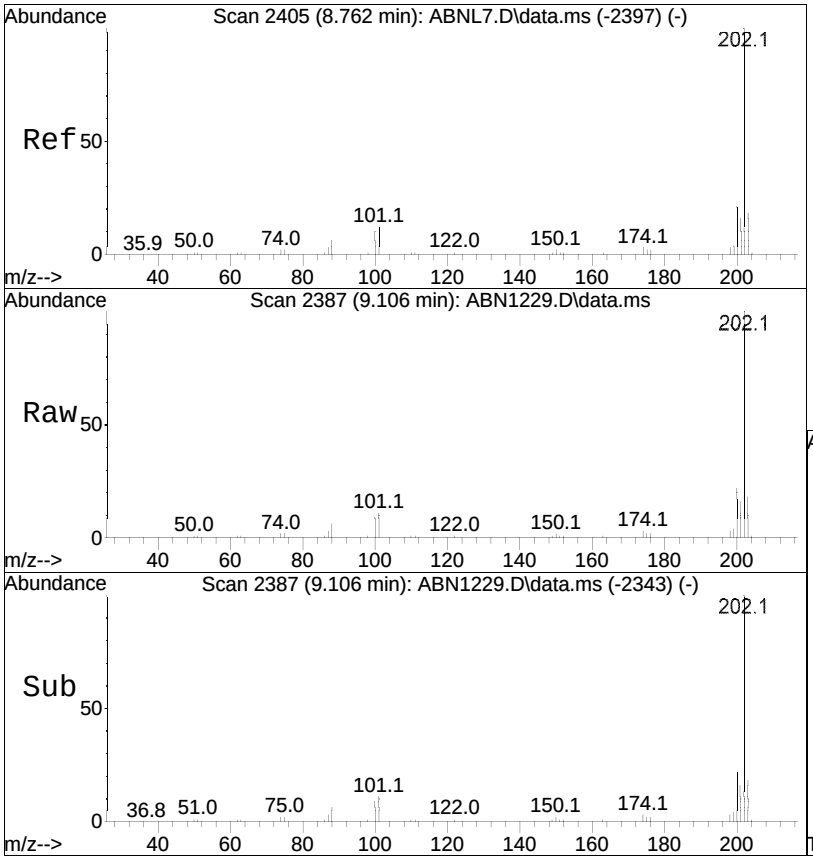


#92
Di-n-butylphthalate
Concen: 48.53 ug/ml
RT: 8.569 min Scan# 2214
Delta R.T. 0.009 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:149 Resp: 910099

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	4.3	4.8	7.2#

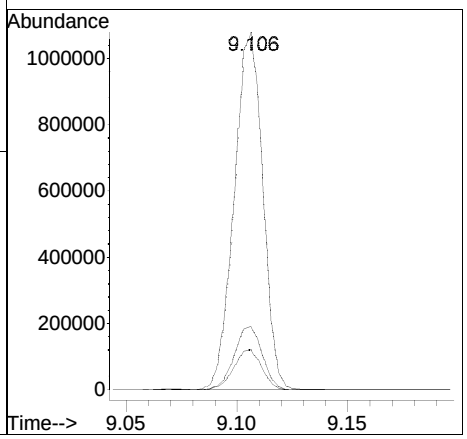


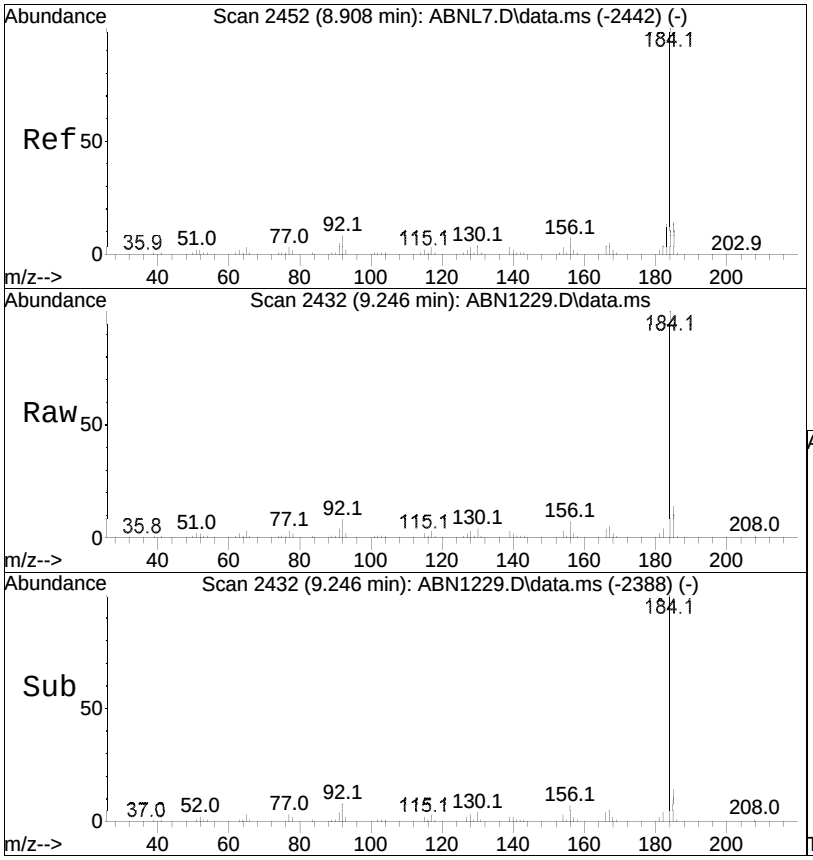


#93
Fluoranthene
Concen: 45.47 ug/ml
RT: 9.106 min Scan# 2387
Delta R.T. 0.013 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:202 Resp: 955565

Ion	Ratio	Lower	Upper
202	100		
101	11.1	18.6	28.0#
203	17.6	14.2	21.2

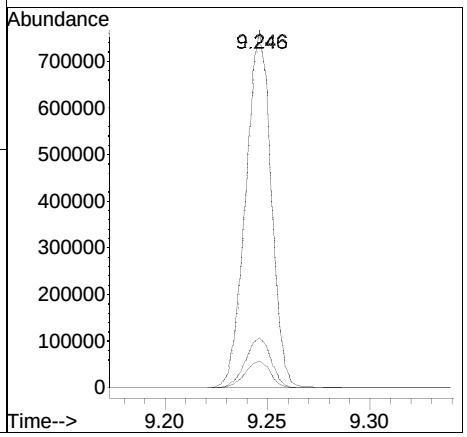


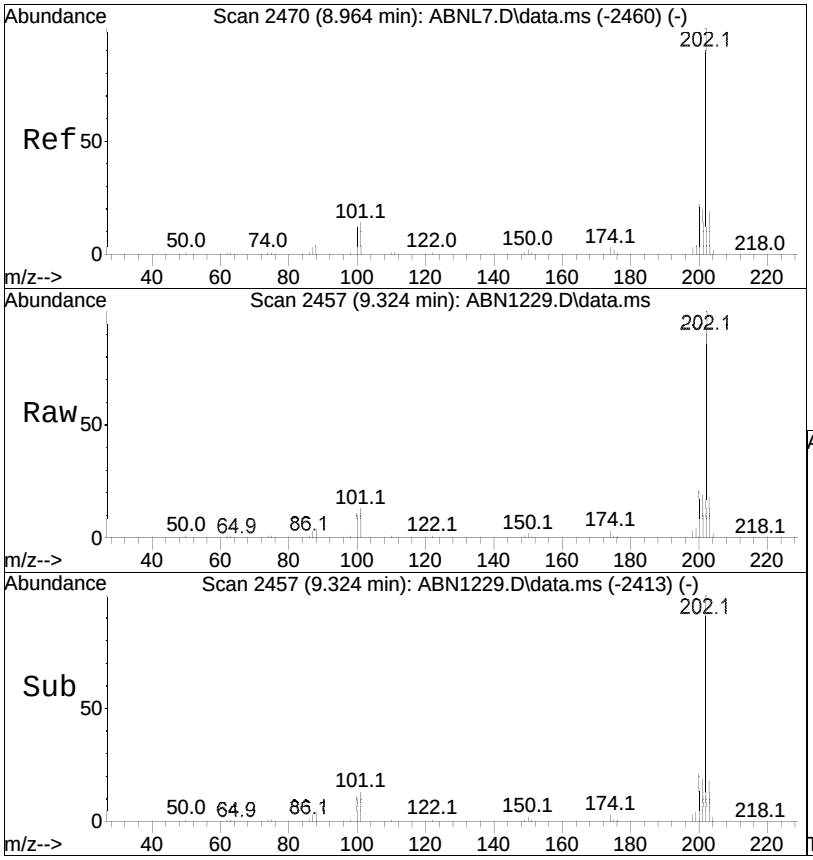


#94
Benzidine
Concen: 54.51 ug/ml
RT: 9.246 min Scan# 2432
Delta R.T. 0.013 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:184 Resp: 654238

Ion	Ratio	Lower	Upper
184	100		
92	7.5	11.7	17.5#
185	14.2	12.8	19.2

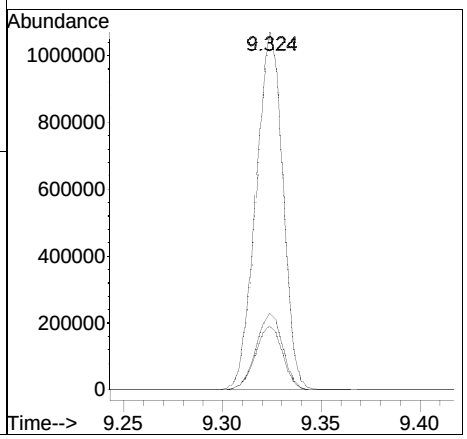


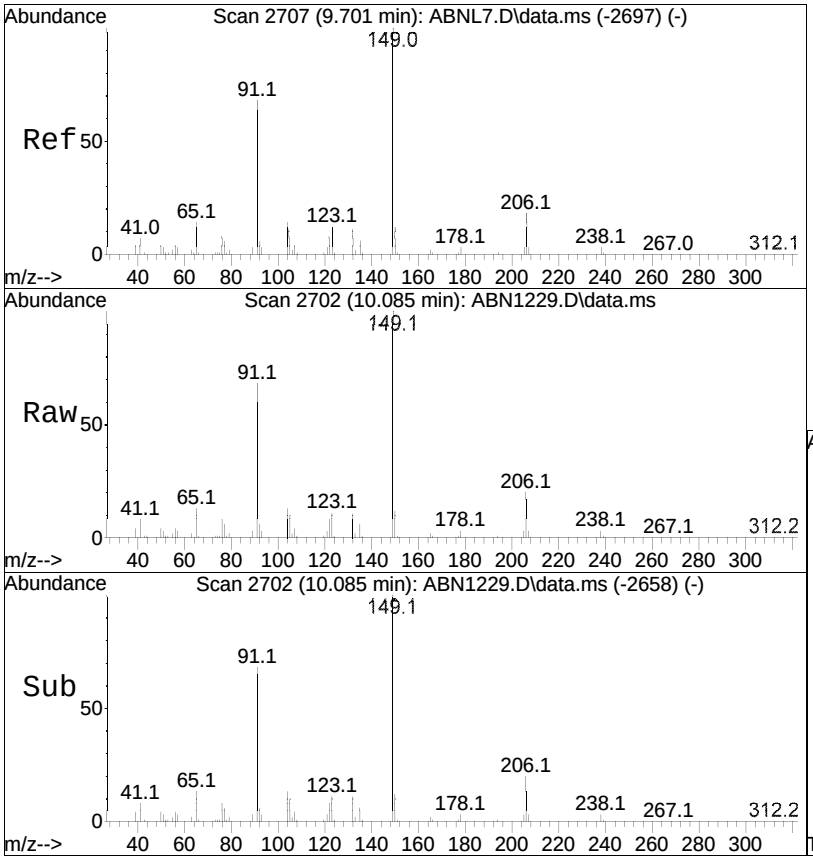


#95
Pyrene
Concen: 45.53 ug/ml
RT: 9.324 min Scan# 2457
Delta R.T. 0.013 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:202 Resp: 1001560

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.8	26.8
203	18.2	14.7	22.1

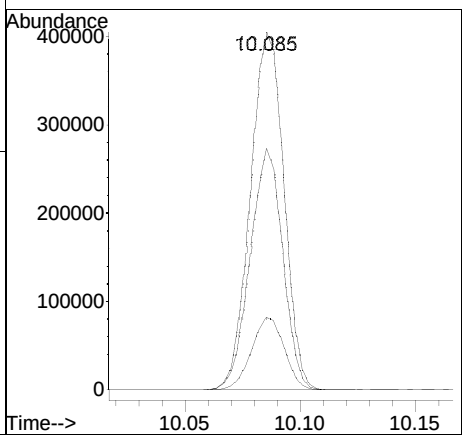


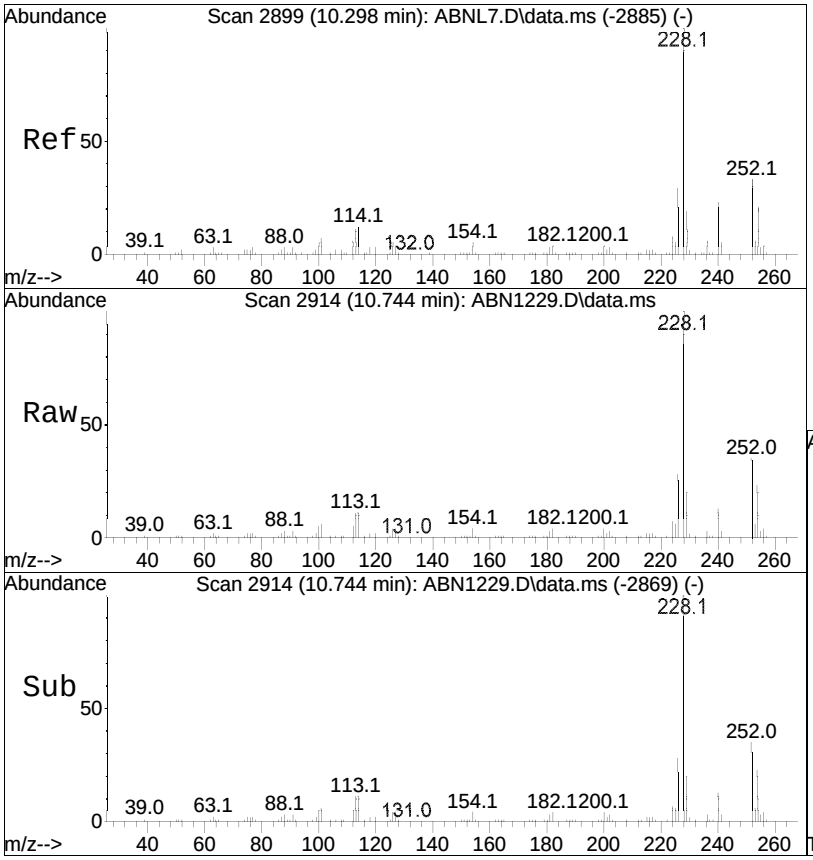


#97
Butyl benzyl phthalate
Concen: 48.92 ug/ml
RT: 10.085 min Scan# 2702
Delta R.T. 0.013 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:149 Resp: 403783

Ion	Ratio	Lower	Upper
149	100		
91	65.9	69.0	103.6#
206	19.9	11.8	17.8#

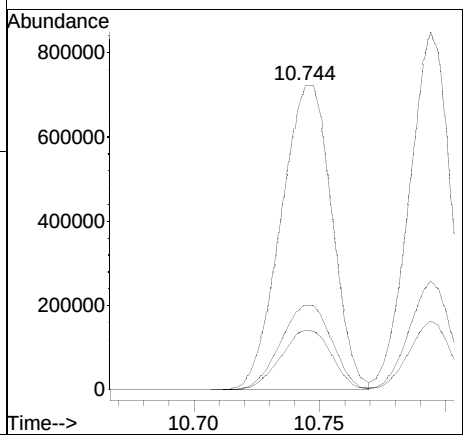


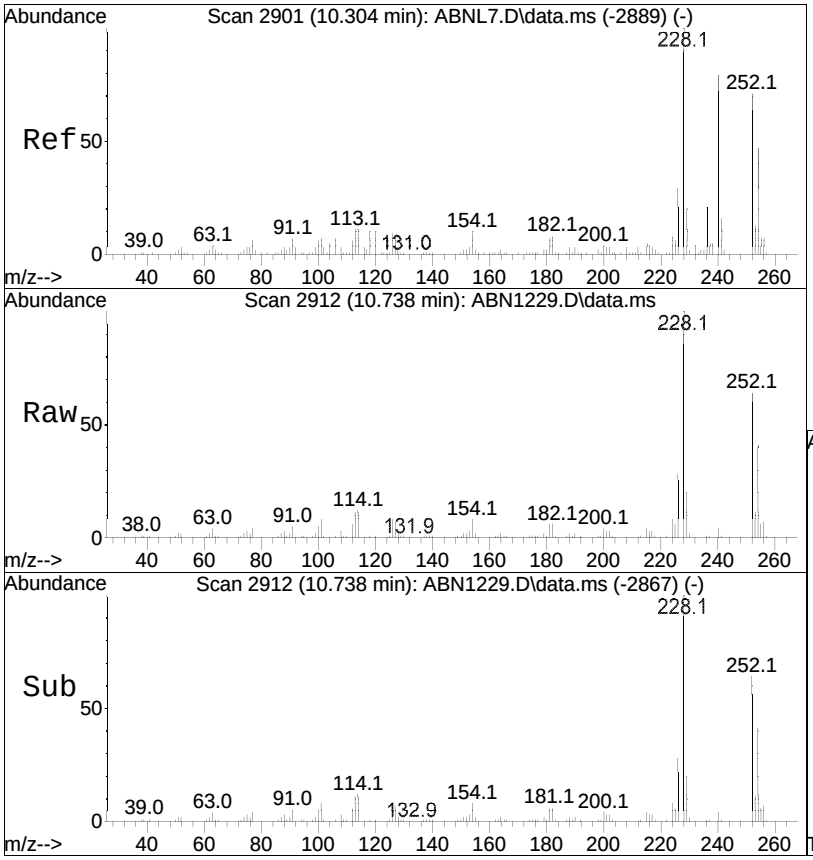


#105
Benzo(a)anthracene
Concen: 48.98 ug/ml
RT: 10.744 min Scan# 2914
Delta R.T. 0.016 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:228 Resp: 1018371

Ion	Ratio	Lower	Upper
228	100		
226	28.0	23.7	35.5
229	19.6	16.2	24.4

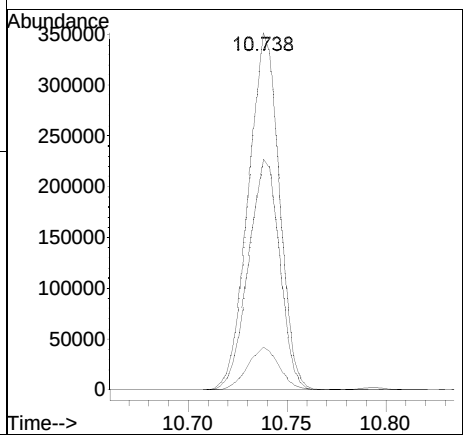


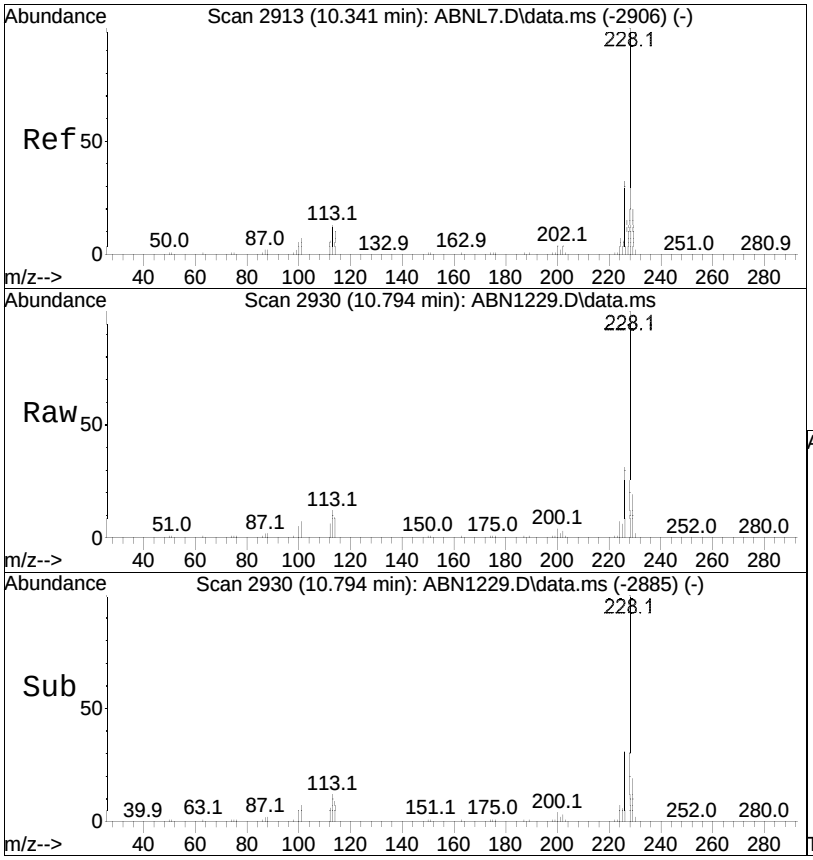


#106
3,3'-Dichlorobenzidine
Concen: 53.48 ug/ml
RT: 10.738 min Scan# 2912
Delta R.T. 0.016 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:252 Resp: 382692

Ion	Ratio	Lower	Upper
252	100		
126	12.5	17.8	26.6#
254	65.0	51.8	77.6

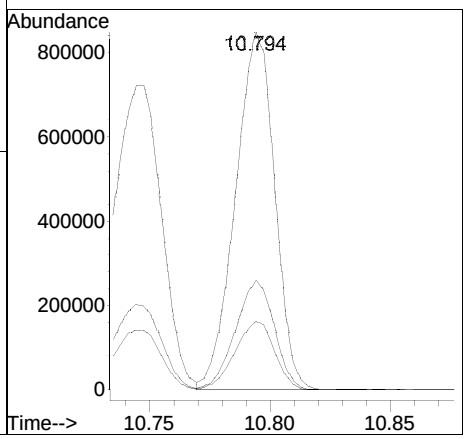


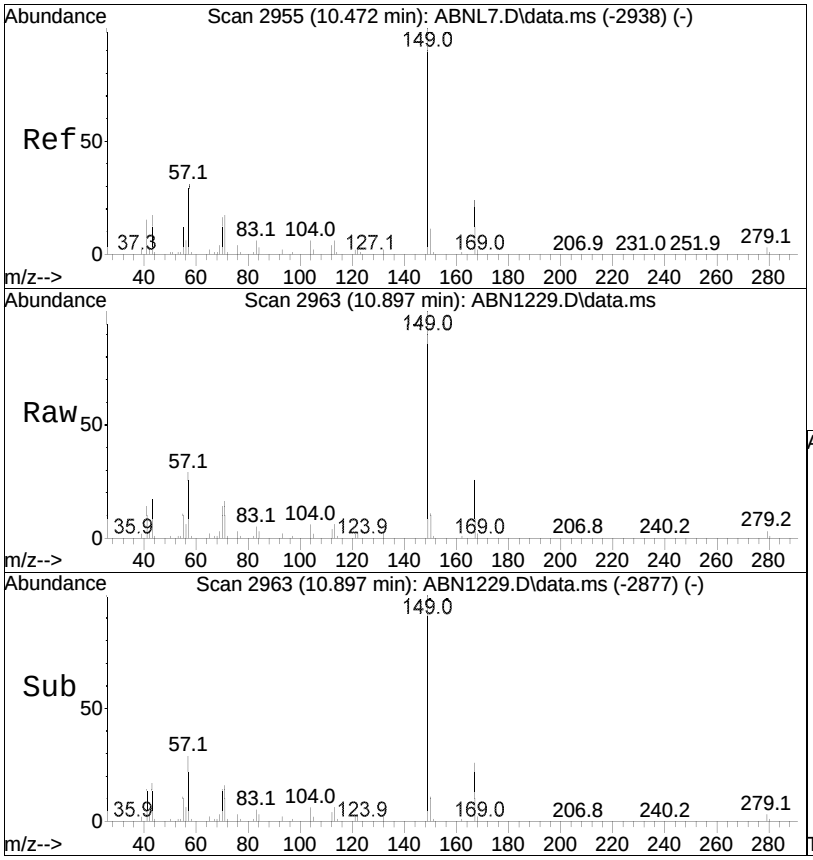


#107
Chrysene
Concen: 48.17 ug/ml
RT: 10.794 min Scan# 2930
Delta R.T. 0.016 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:228 Resp: 961113

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.9	38.9
229	19.4	16.2	24.4

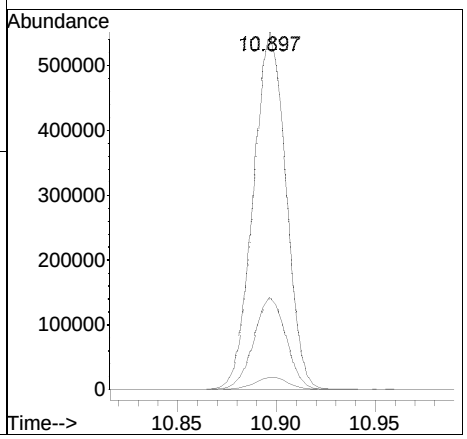


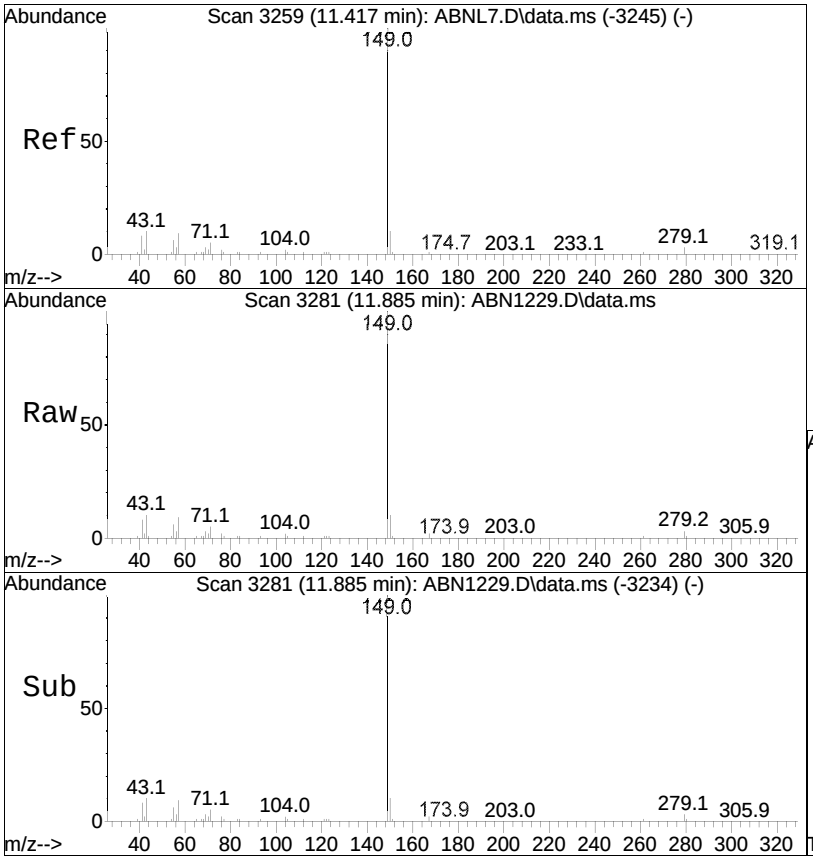


#108
Bis(2-ethylhexyl)phthalate
Concen: 54.52 ug/ml
RT: 10.897 min Scan# 2963
Delta R.T. 0.019 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:149 Resp: 627824

Ion	Ratio	Lower	Upper
149	100		
167	25.6	21.0	31.4
279	3.3	3.6	5.4#

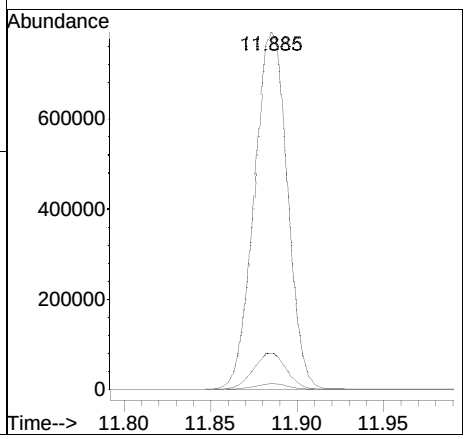


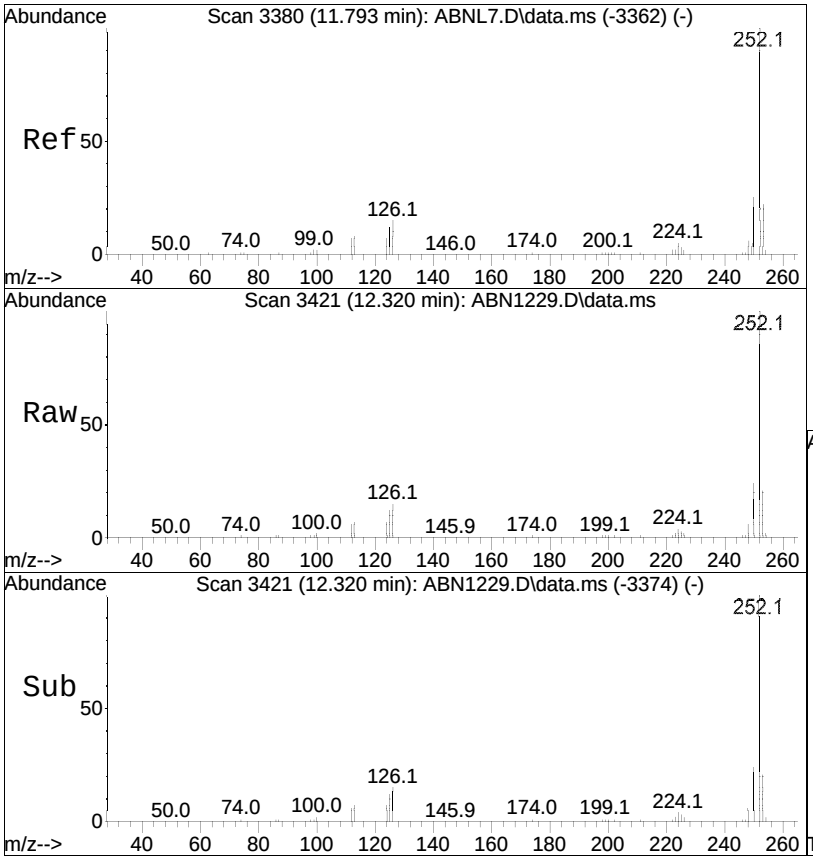


#109
Di-n-octylphthalate
Concen: 50.00 ug/ml
RT: 11.885 min Scan# 3281
Delta R.T. 0.022 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:149 Resp: 1042747

Ion	Ratio	Lower	Upper
149	100		
43	10.3	8.4	12.6
167	1.5	1.0	1.6

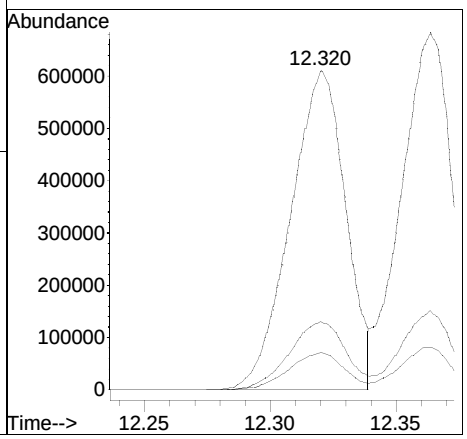


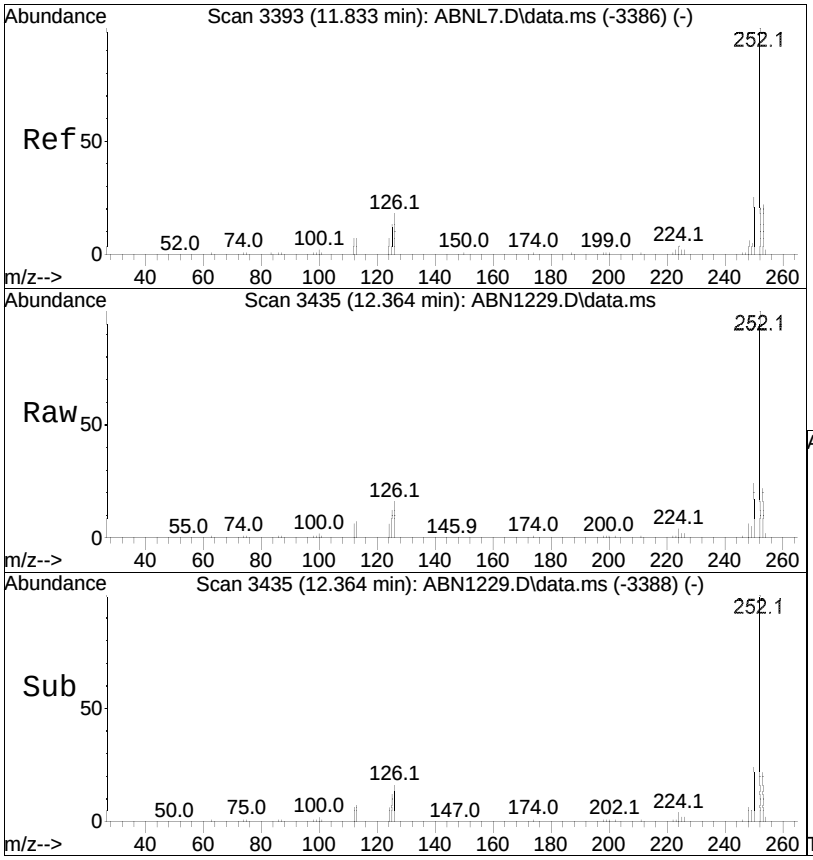


#110
Benzo(b)fluoranthene
Concen: 47.83 ug/ml
RT: 12.320 min Scan# 3421
Delta R.T. 0.022 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:252 Resp: 934028

Ion	Ratio	Lower	Upper
252	100		
125	11.8	16.9	25.3#
253	21.9	17.7	26.5

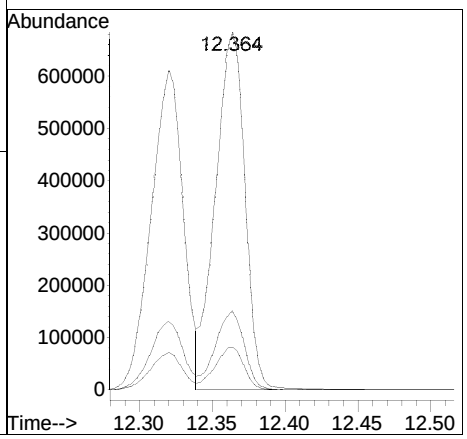


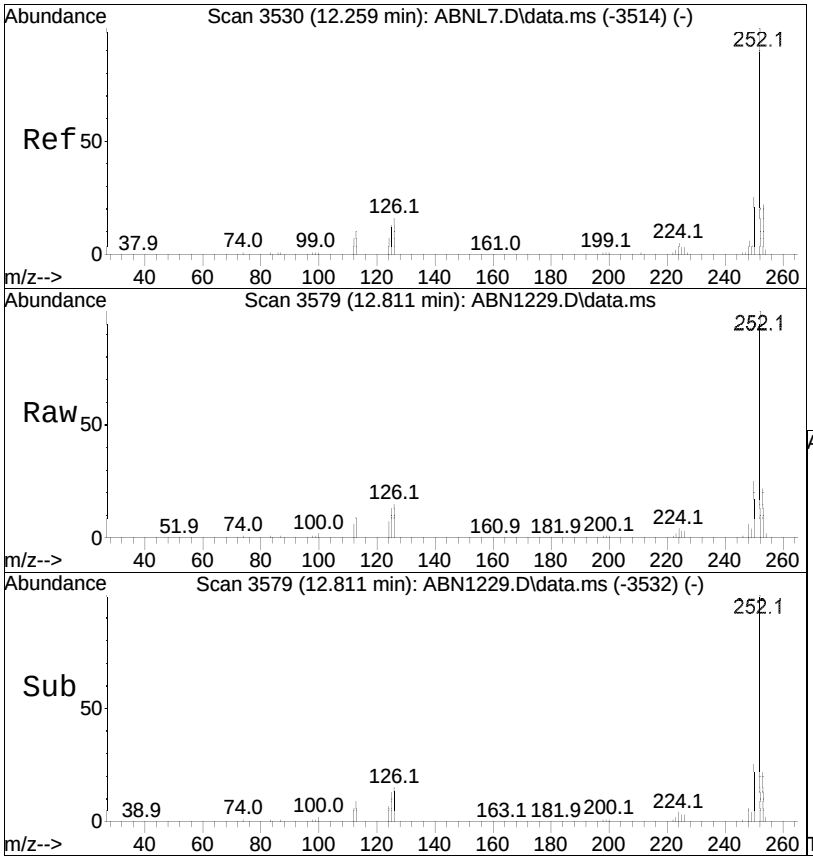


#111
Benzo(k)fluoranthene
Concen: 48.97 ug/ml
RT: 12.364 min Scan# 3435
Delta R.T. 0.022 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:252 Resp: 960739

Ion	Ratio	Lower	Upper
252	100		
125	11.8	16.6	25.0#
253	21.6	17.7	26.5

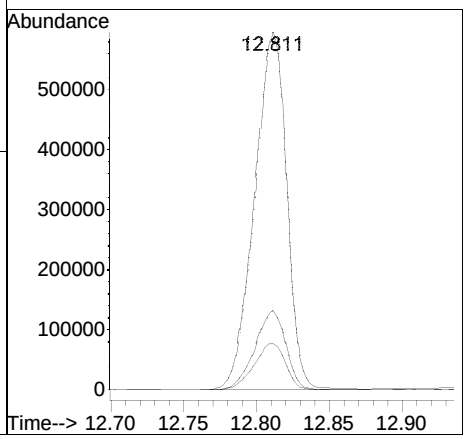


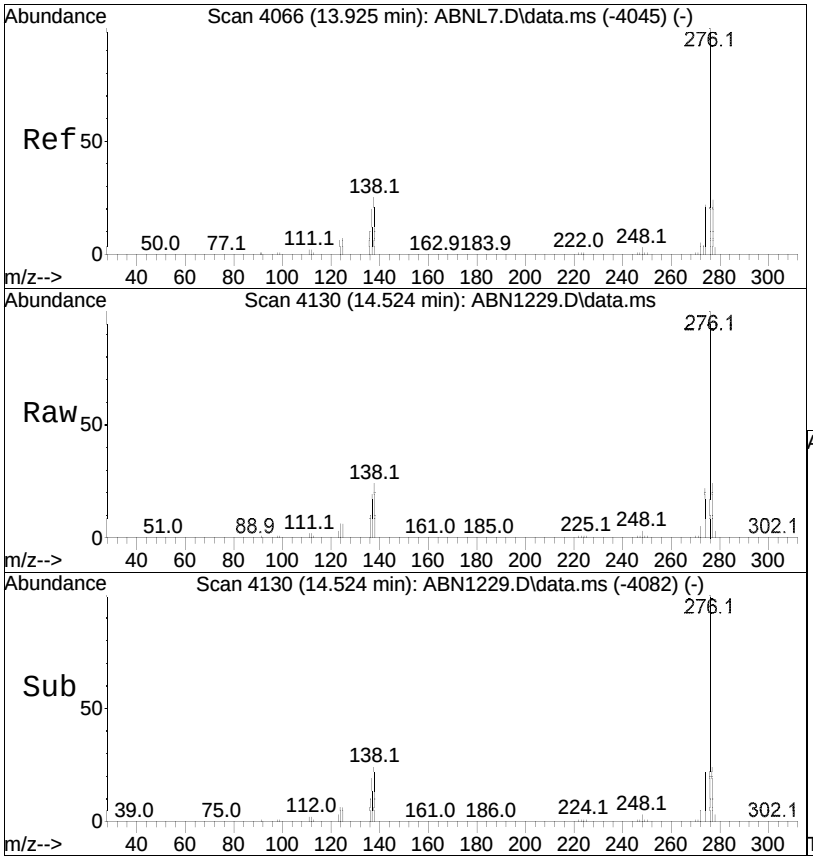


#112
Benzo(a)pyrene
Concen: 49.66 ug/ml
RT: 12.811 min Scan# 3579
Delta R.T. 0.022 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:252 Resp: 908035

Ion	Ratio	Lower	Upper
252	100		
125	12.9	18.3	27.5#
253	21.6	17.6	26.4

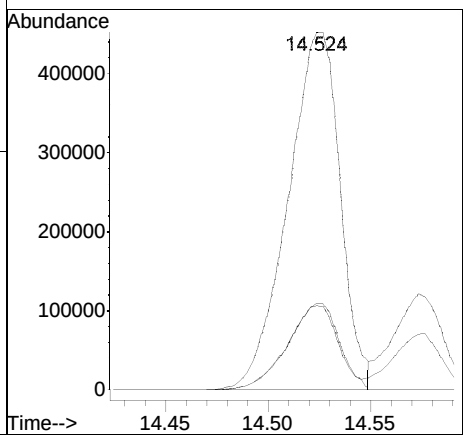


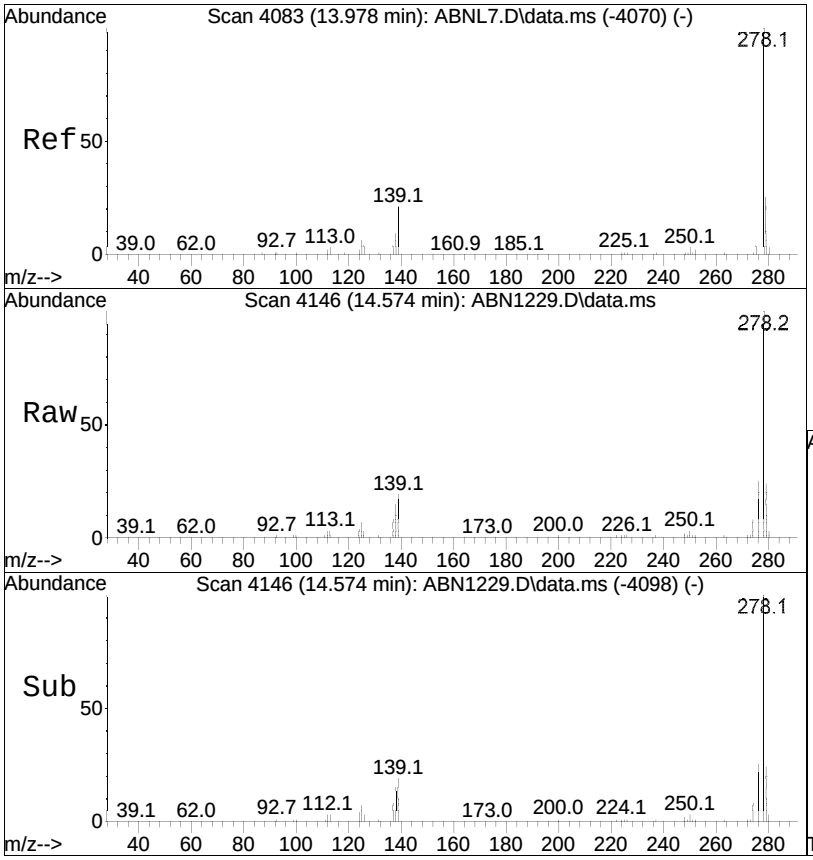


#114
Indeno(1,2,3-cd)pyrene
Concen: 43.75 ug/mL
RT: 14.524 min Scan# 4130
Delta R.T. 0.025 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:276 Resp: 797310

Ion	Ratio	Lower	Upper
276	100		
138	23.3	29.6	44.4#
277	23.9	19.1	28.7

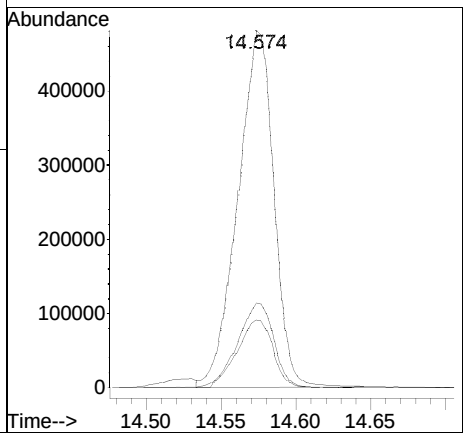


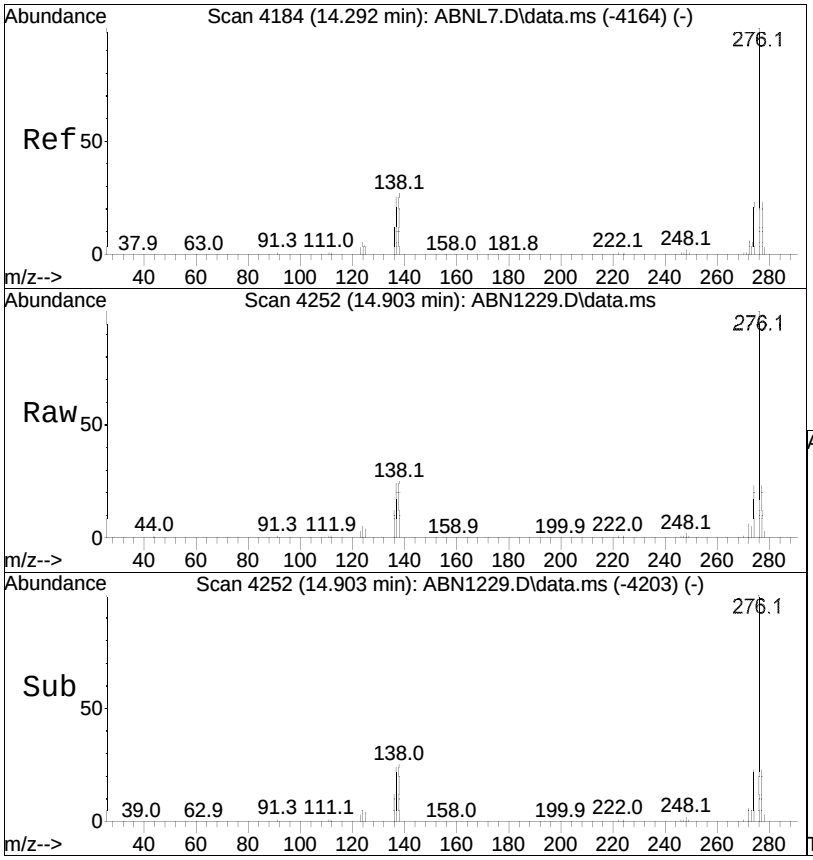


#115
Dibenzo(a,h)anthracene
Concen: 43.44 ug/ml
RT: 14.574 min Scan# 4146
Delta R.T. 0.025 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:278 Resp: 795658

Ion	Ratio	Lower	Upper
278	100		
139	19.0	24.7	37.1#
279	24.4	19.6	29.4

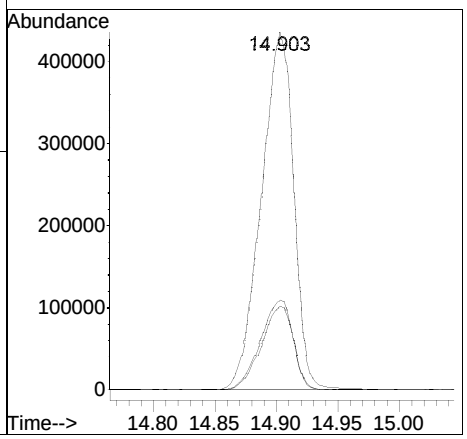




#116
Benzo(ghi)perylene
Concen: 41.66 ug/ml
RT: 14.903 min Scan# 4252
Delta R.T. 0.028 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 06:49 am

Tgt Ion:276 Resp: 792149

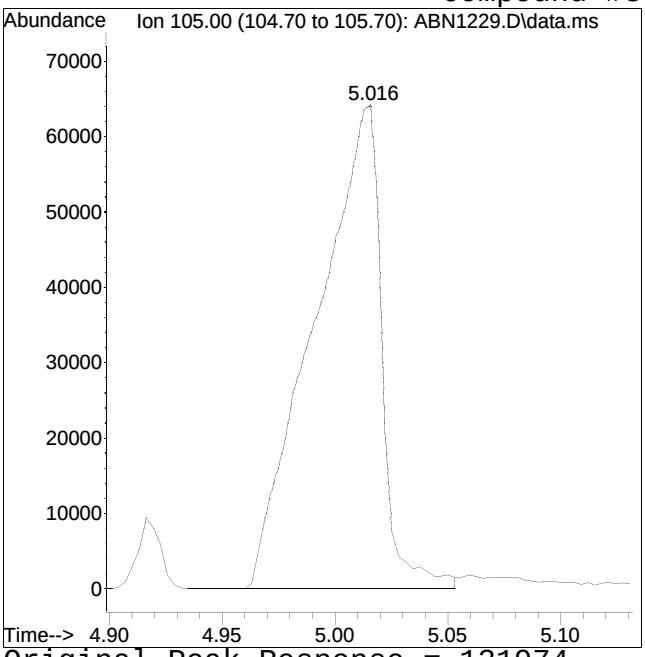
Ion	Ratio	Lower	Upper
276	100		
138	25.6	43.5	65.3#
277	23.7	22.6	33.8



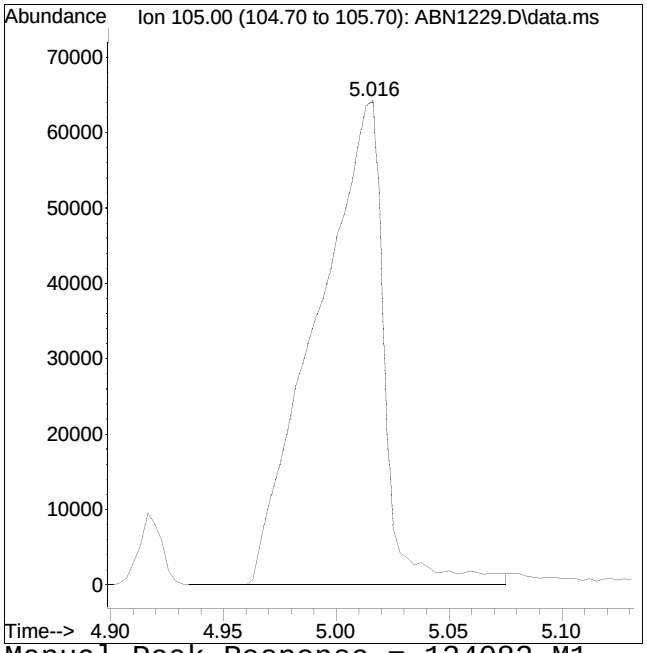
Manual Integration Report

Data Path : I:\8270\SV134\251229\ QMethod : FS250829SV134.m
Data File : ABN1229.D Operator : SV134:cmm
Date Inj'd : 12/29/2025 6:49 am Instrument : SV134
Sample : WG2159560-3,32,,ABN 12168 Quant Date : 12/29/2025 7:07 am

Compound #37: Benzoic Acid



Original Peak Response = 131974



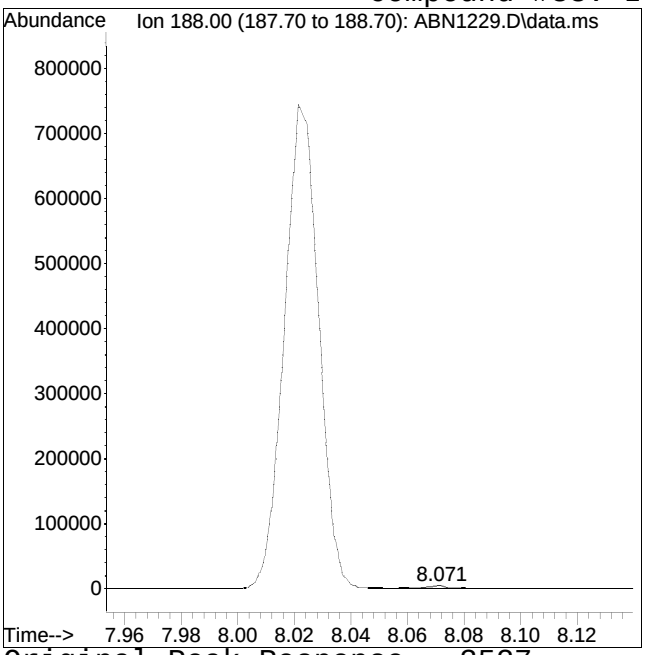
Manual Peak Response = 134082 M1

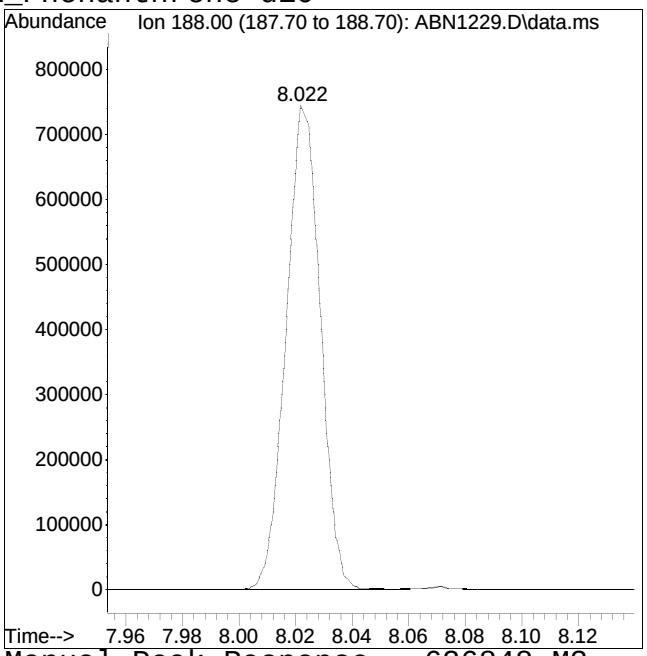
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : I:\8270\SV134\251229\ QMethod : FS250829SV134.m
Data File : ABN1229.D Operator : SV134:cmm
Date Inj'd : 12/29/2025 6:49 am Instrument : SV134
Sample : WG2159560-3,32,,ABN 12168 Quant Date : 12/29/2025 7:07 am

Compound #88: IS1_Phenanthrene-d10





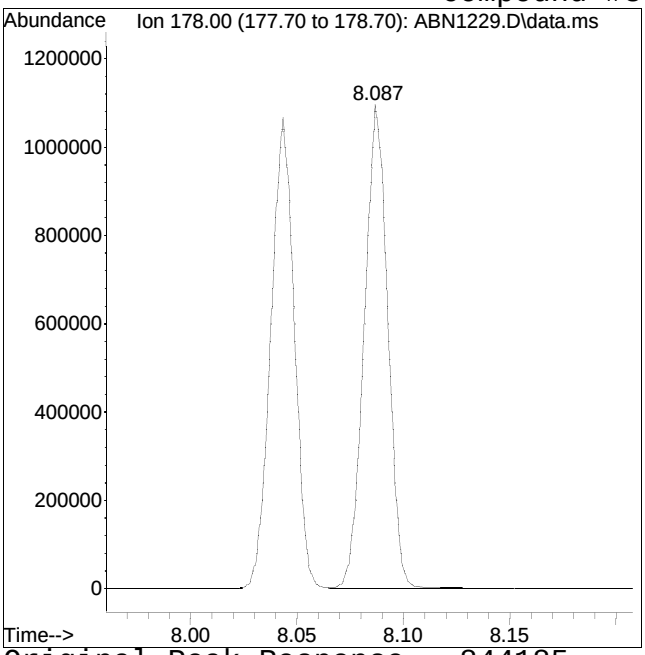
Original Peak Response = 3527 Manual Peak Response = 626848 M3

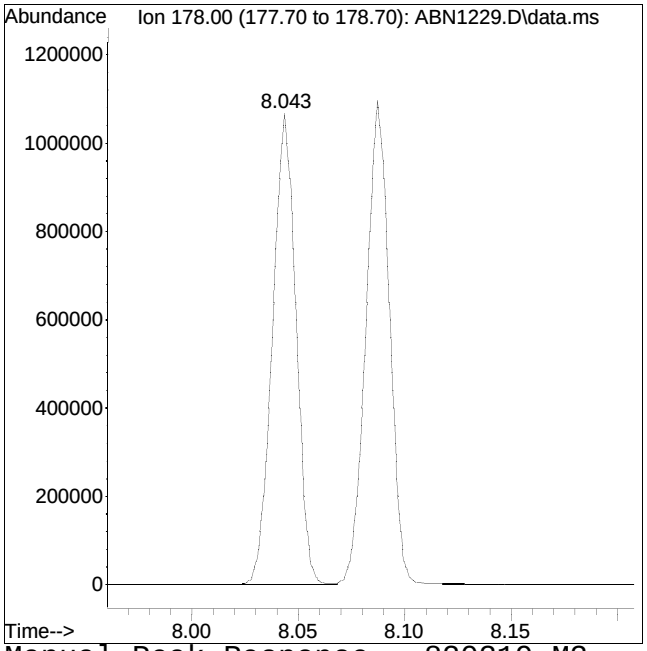
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\SV134\251229\ QMethod : FS250829SV134.m
Data File : ABN1229.D Operator : SV134:cmm
Date Inj'd : 12/29/2025 6:49 am Instrument : SV134
Sample : WG2159560-3,32,,ABN 12168 Quant Date : 12/29/2025 7:07 am

Compound #89: Phenanthrene





Original Peak Response = 844185 Manual Peak Response = 820319 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV134\251229\
Data File : AP91229.D
Acq On : 29 Dec 2025 07:10 am
Operator : SV134:cmm
Sample : WG2159560-4,32,,AP9 12053 smc1229C
Misc : WG2159560,,ical22604
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Dec 29 08:34:52 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 21:05:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
27	I	IS2_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	71	0.07
28	T	Benzaldehyde	0.662	0.985	-48.8#	103	0.08
29	T	Acetophenone	1.971	1.759	10.8	61	0.03
30	T	m-Toluidine	1.331	1.820	-36.7#	91	0.03
31	T	2-Chloroaniline	1.765	1.616	8.4	64	0.03
55	I	IS2_Naphthalene-d8	1.000	1.000	0.0	74	0.05
56	T	a-Terpineol	0.319	0.304	4.7	67	0.01
57	T	3-Chloroaniline	0.142	0.133	6.3	68	0.01
58	T	2,6-Dichlorophenol	0.246	0.297	-20.7#	80	0.02
59	T	1-chloro-2-nitrobenzene	0.108	0.134	-24.1#	84	0.02
60	T	Caprolactam	0.170	0.178	-4.7	71	0.00
61	T	1,2,4,5-Tetrachlorobenzene	0.397	0.362	8.8	68	0.04
62	T	Biphenyl	0.951	0.859	9.7	67	0.03
83	I	IS2_Acenaphthene-d10	1.000	1.000	0.0	87	0.06
84	T	Dichloran	* 50.000	56.242	-12.5	109	0.04
85	T	Pentachloronitrobenzene	0.142	0.163	-14.8	98	0.06
98	I	IS2_Phenanthrene-d10	1.000	1.000	0.0	88	0.08
99	T	Diphenamid	0.506	0.450	11.1	70	0.05

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\251229\
Data File : AP91229.D
Acq On : 29 Dec 2025 07:10 am
Operator : SV134:cmm
Sample : WG2159560-4,32,,AP9 12053 smc1229C
Misc : WG2159560,,ical22604
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Dec 29 08:34:52 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 21:05:38 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
27) IS2_1,4-Dichlorobenzen...	4.096	152	126539	40.000	ug/ml		0.07
55) IS2_Naphthalene-d8	5.190	136	525053	40.000	ug/ml		0.05
83) IS2_Acenaphthene-d10	6.725	164	358798	40.000	ug/ml		0.06
98) IS2_Phenanthrene-d10	8.025	188	758610	40.000	ug/ml	#	0.08
System Monitoring Compounds							
Target Compounds							Qvalue
28) Benzaldehyde	3.720	105	155867	74.441	ug/ml		97
29) Acetophenone	4.441	105	278300	44.636	ug/ml	#	86
30) m-Toluidine	4.512	106	287889	68.358	ug/ml		97
31) 2-Chloroaniline	4.833	127	255627	45.776	ug/ml		97
56) a-Terpineol	5.234	59	199235	47.558	ug/ml	#	71
57) 3-Chloroaniline	5.246	65	87271M3	46.867	ug/ml		
58) 2,6-Dichlorophenol	5.274	162	195046	60.368	ug/ml		95
59) 1-chloro-2-nitrobenzene	5.501	111	88241	62.310	ug/ml	#	90
60) Caprolactam	5.541	55	116512	52.298	ug/ml	#	63
61) 1,2,4,5-Tetrachloroben...	5.967	216	237834	45.630	ug/ml		98
62) Biphenyl	6.228	154	563689	45.161	ug/ml		97
84) Dichloran	7.742	206	82577	56.242	ug/ml	#	63
85) Pentachloronitrobenzene	7.882	237	73076	57.428	ug/ml	#	78
99) Diphenamid	8.833	167	426799	44.509	ug/ml	#	63

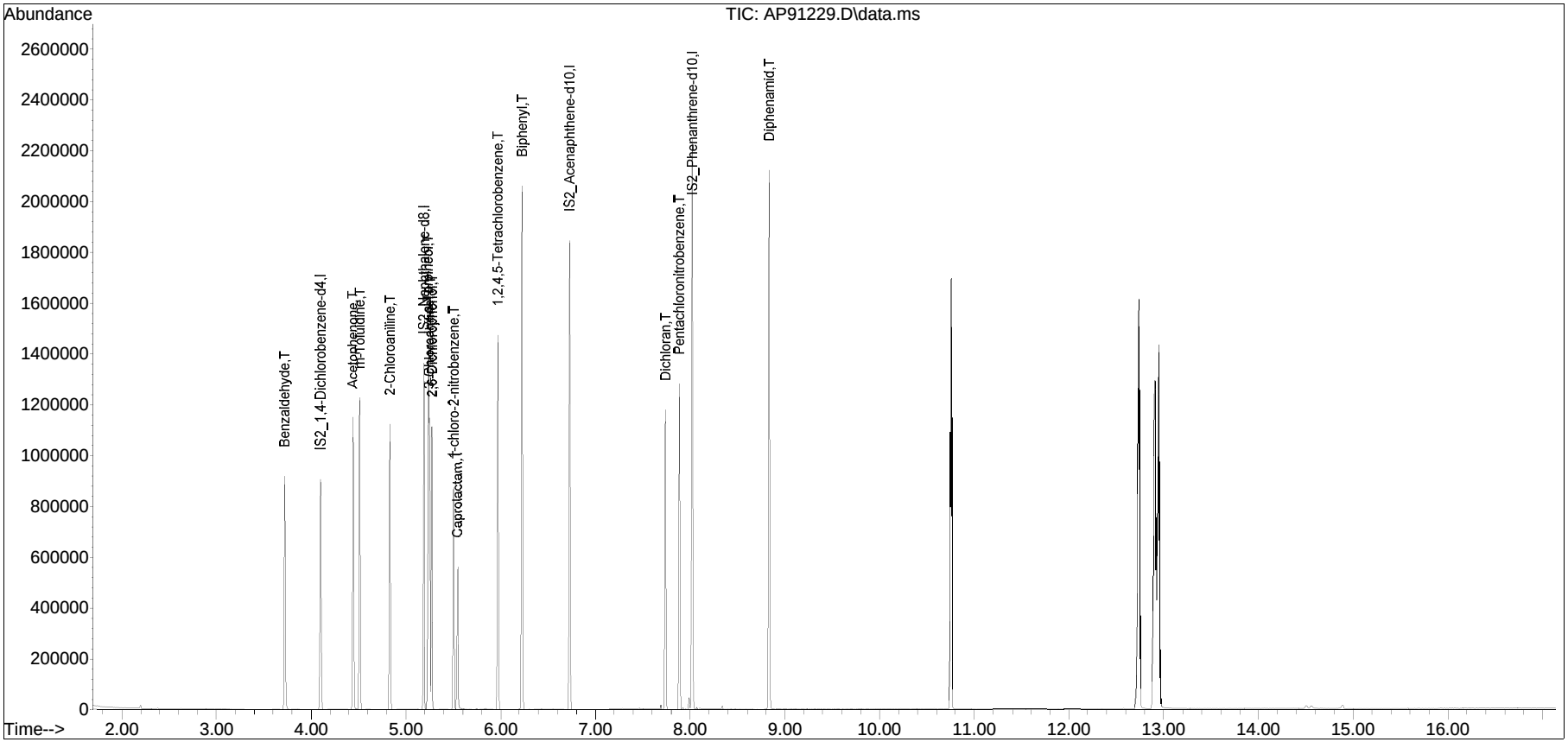
(#) = qualifier out of range (m) = manual integration (+) = signals summed

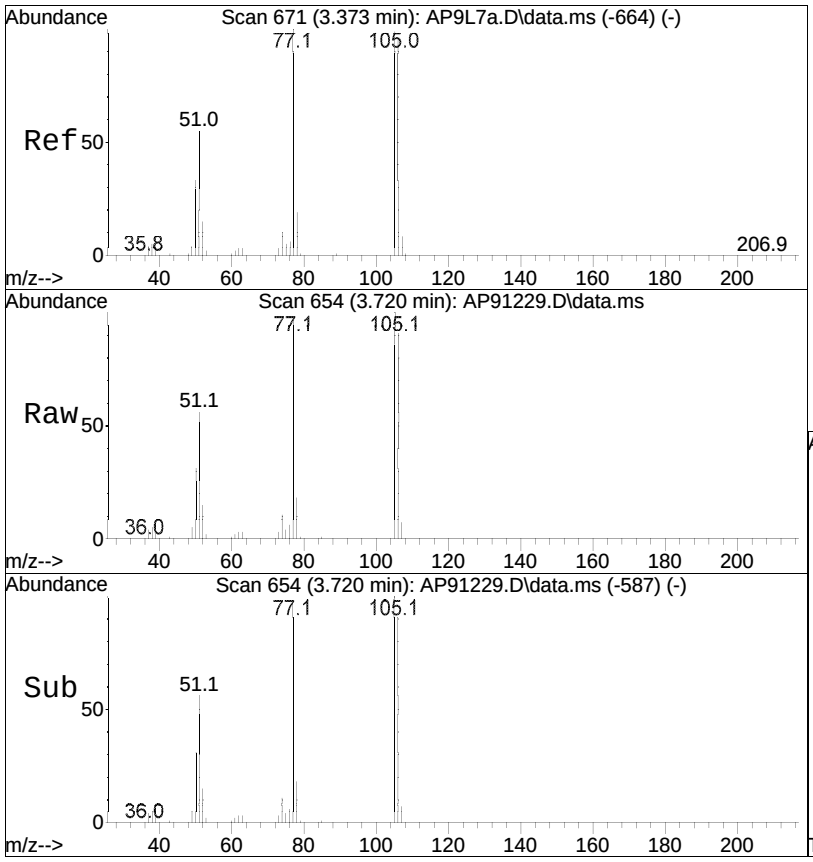
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\251229\
Data File : AP91229.D
Acq On : 29 Dec 2025 07:10 am
Operator : SV134:cmm
Sample : WG2159560-4,32,,AP9 12053 smc1229C
Misc : WG2159560,,ical22604
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Dec 29 08:34:52 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 21:05:38 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublist

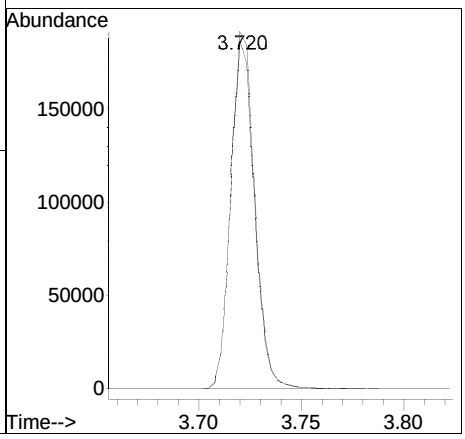


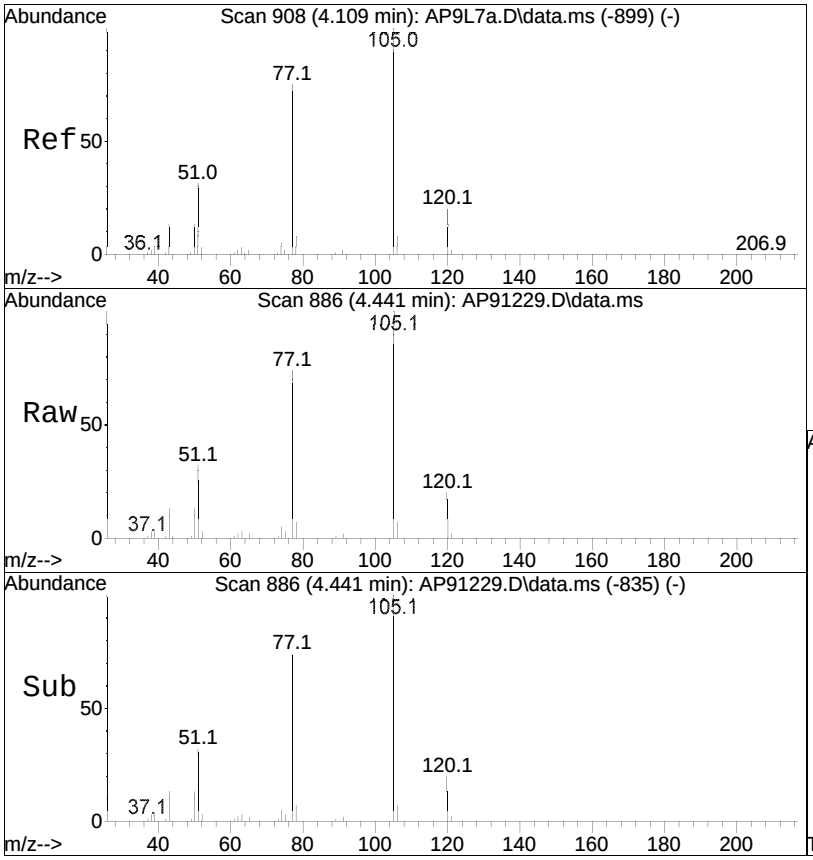


#28
Benzaldehyde
Concen: 74.44 ug/ml
RT: 3.720 min Scan# 654
Delta R.T. 0.084 min
Lab File: AP91229.D
Acq: 29 Dec 2025 07:10 am

Tgt Ion:105 Resp: 155867

Ion	Ratio	Lower	Upper
105	100		
77	96.4	79.4	119.0

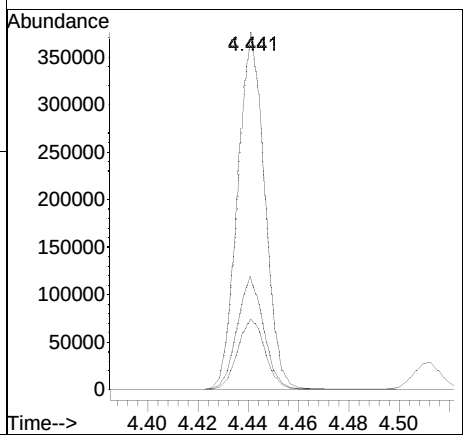


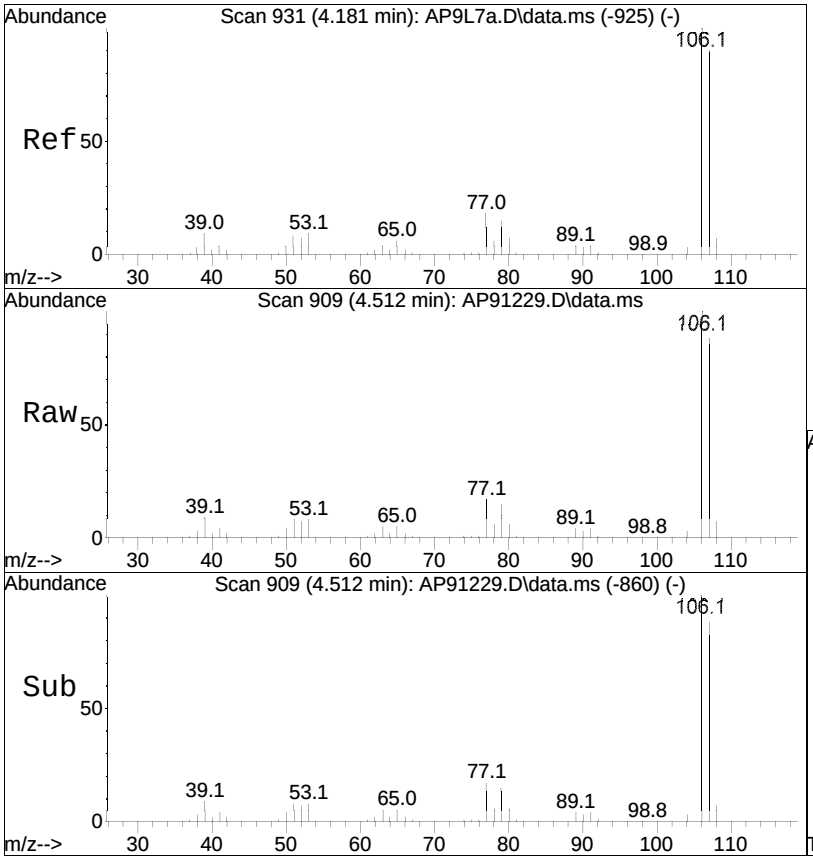


#29
Acetophenone
Concen: 44.64 ug/ml
RT: 4.441 min Scan# 886
Delta R.T. 0.034 min
Lab File: AP91229.D
Acq: 29 Dec 2025 07:10 am

Tgt Ion:105 Resp: 278300

Ion	Ratio	Lower	Upper
105	100		
120	20.1	19.9	29.9
51	31.0	17.8	26.6#

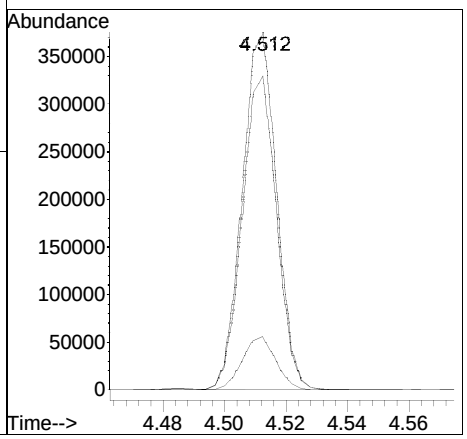


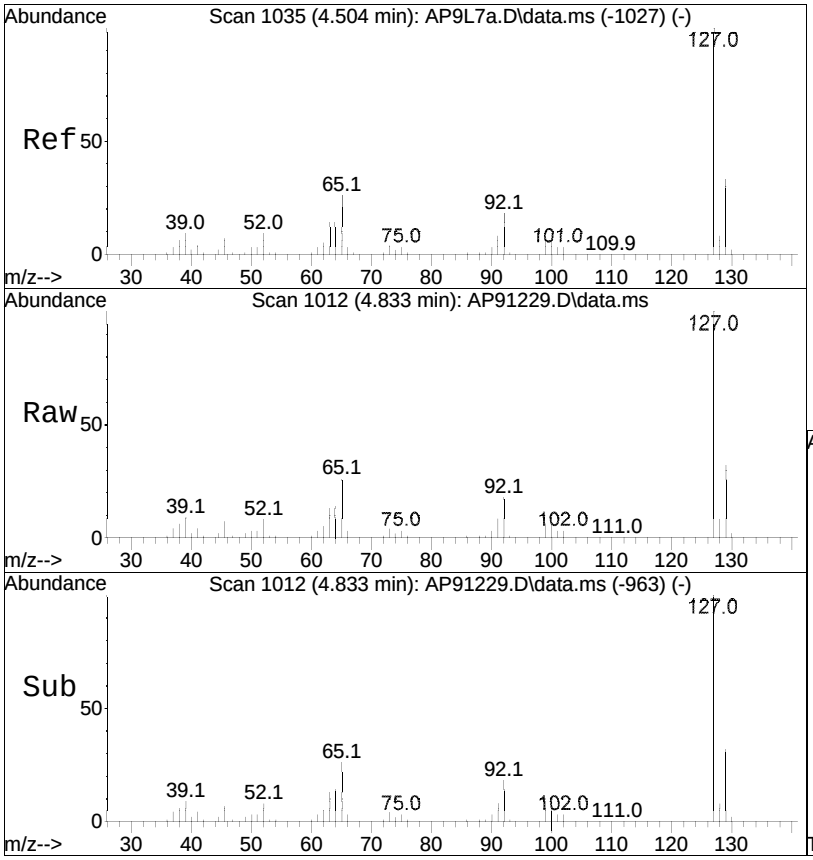


#30
m-Toluidine
Concen: 68.36 ug/ml
RT: 4.512 min Scan# 909
Delta R.T. 0.028 min
Lab File: AP91229.D
Acq: 29 Dec 2025 07:10 am

Tgt Ion:106 Resp: 287889

Ion	Ratio	Lower	Upper
106	100		
107	88.0	72.6	109.0
79	14.7	11.2	16.8

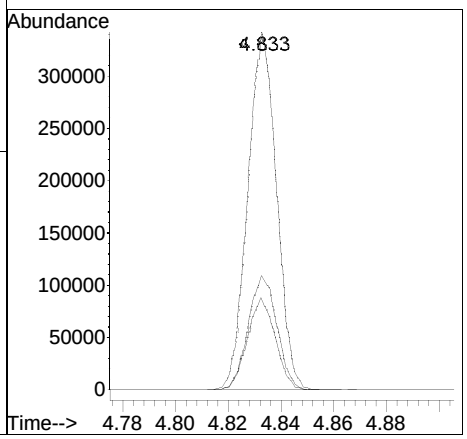


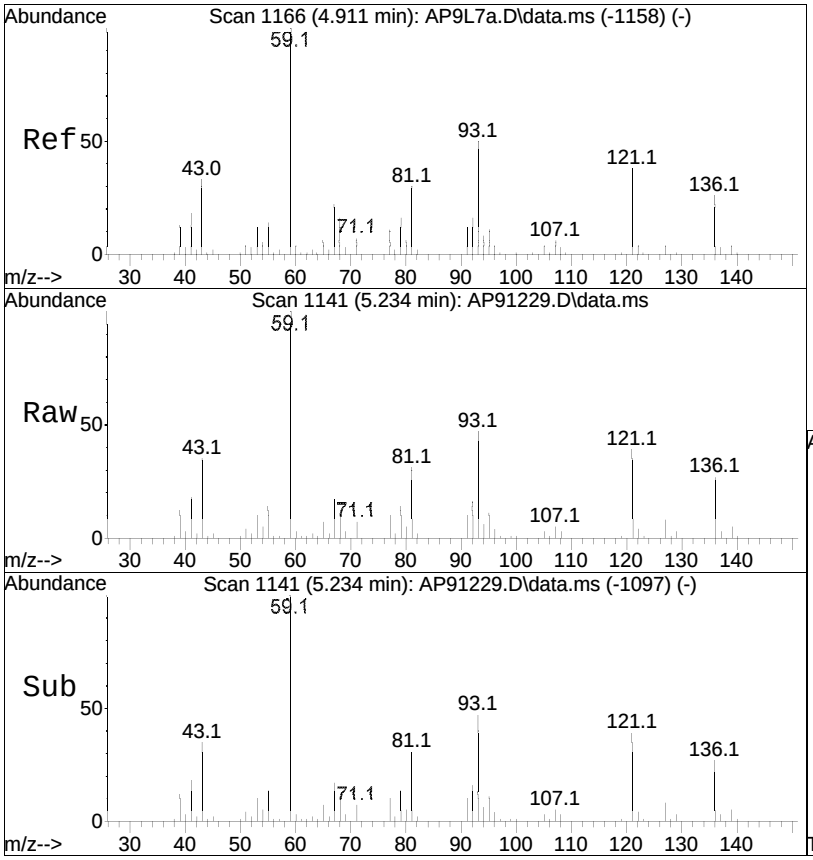


#31
2-Chloroaniline
Concen: 45.78 ug/ml
RT: 4.833 min Scan# 1012
Delta R.T. 0.028 min
Lab File: AP91229.D
Acq: 29 Dec 2025 07:10 am

Tgt Ion:127 Resp: 255627

Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.0	39.0
65	25.1	17.7	26.5

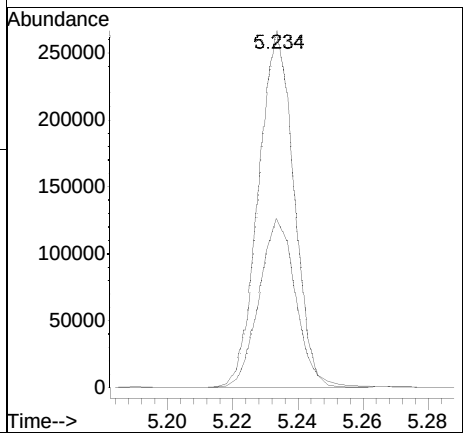


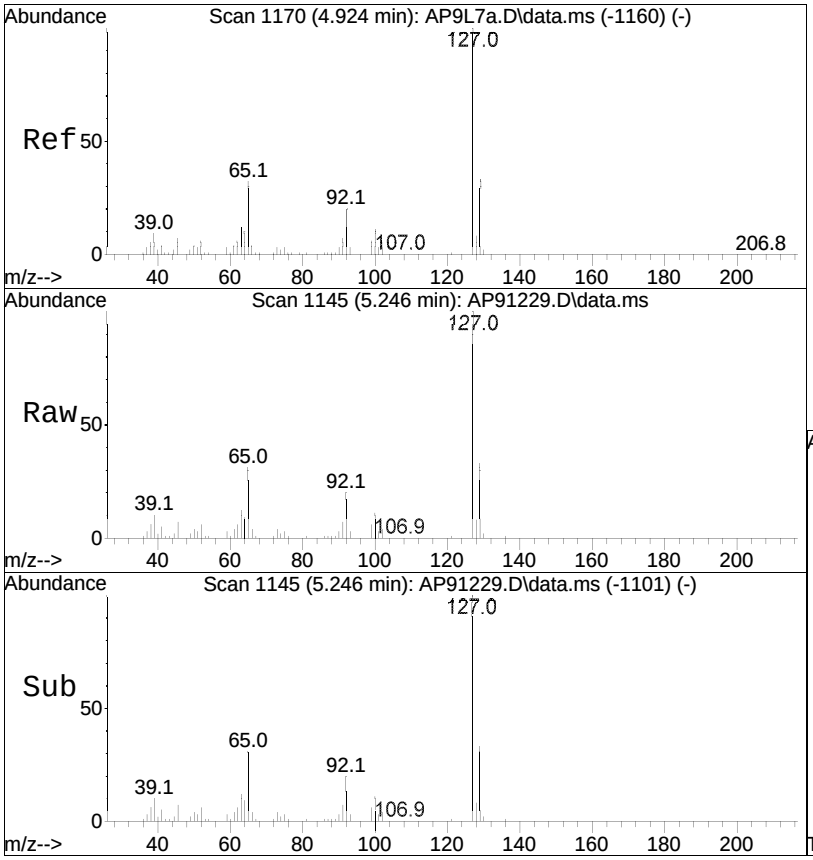


#56
a-Terpineol
Concen: 47.56 ug/ml
RT: 5.234 min Scan# 1141
Delta R.T. 0.012 min
Lab File: AP91229.D
Acq: 29 Dec 2025 07:10 am

Tgt Ion: 59 Resp: 199235

Ion	Ratio	Lower	Upper
59	100		
93	49.7	59.1	88.7#

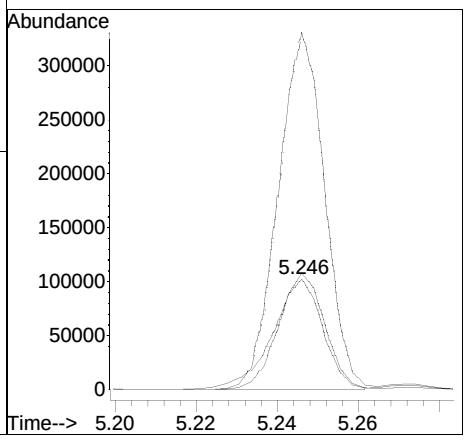


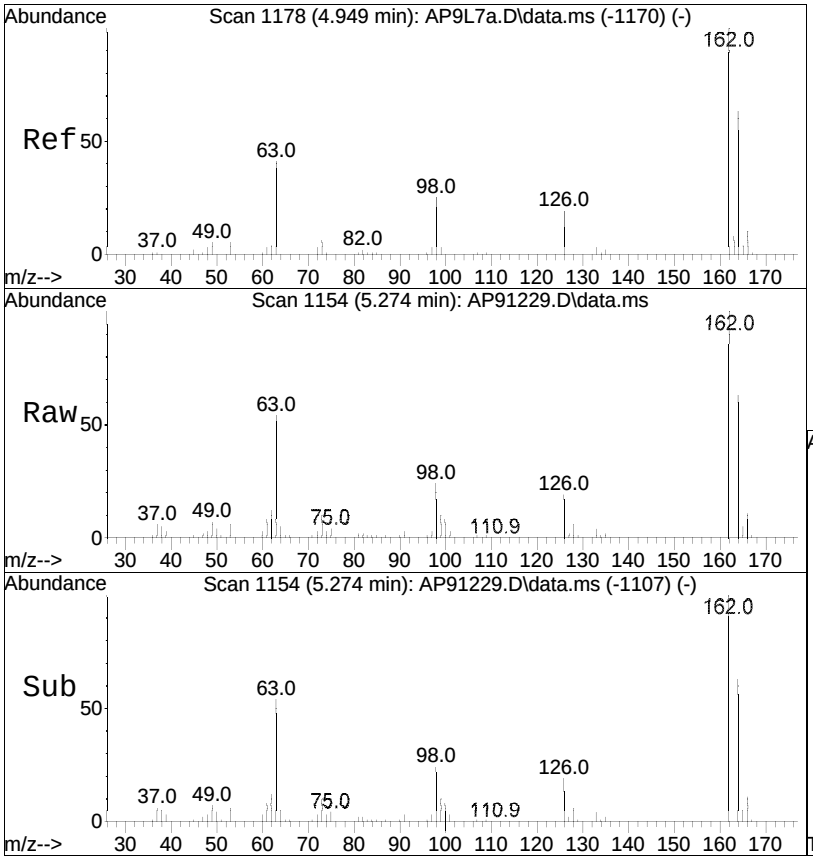


#57
3-Chloroaniline
Concen: 46.87 ug/ml M3
RT: 5.246 min Scan# 1145
Delta R.T. 0.012 min
Lab File: AP91229.D
Acq: 29 Dec 2025 07:10 am

Tgt Ion: 65 Resp: 87271

Ion	Ratio	Lower	Upper
65	100		
127	3.9	273.4	410.2#
129	1.2	88.0	132.0#

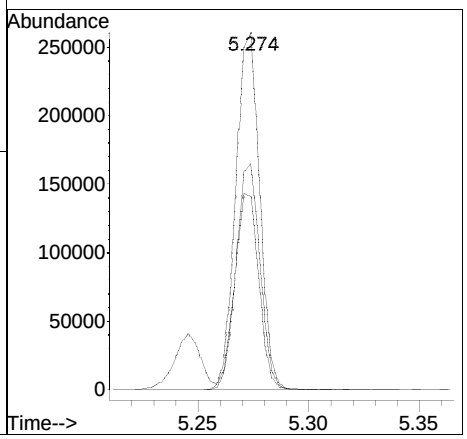


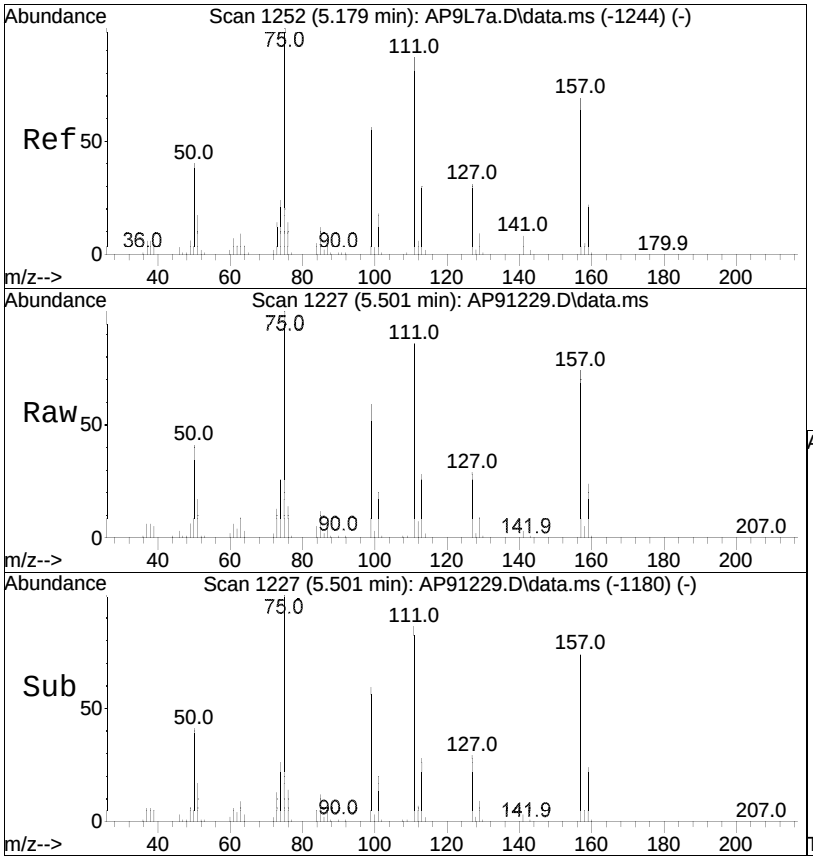


#58
2,6-Dichlorophenol
Concen: 60.37 ug/ml
RT: 5.274 min Scan# 1154
Delta R.T. 0.022 min
Lab File: AP91229.D
Acq: 29 Dec 2025 07:10 am

Tgt Ion:162 Resp: 195046

Ion	Ratio	Lower	Upper
162	100		
164	63.2	50.6	75.8
63	55.3	50.5	75.7

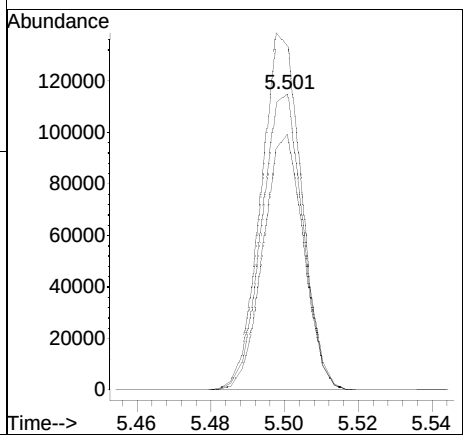


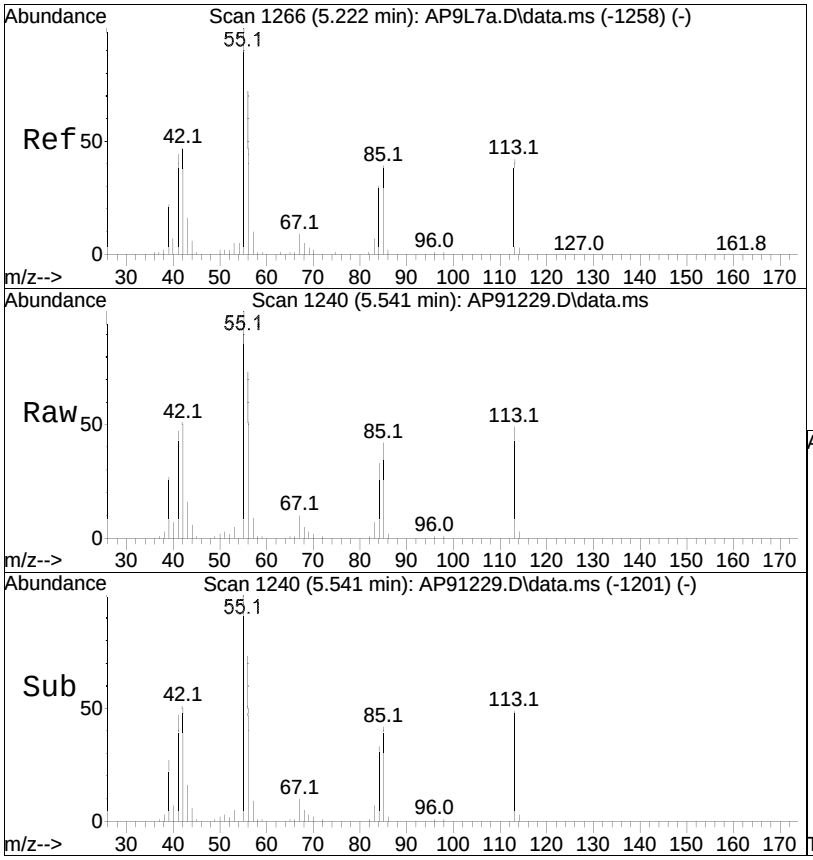


#59
1-chloro-2-nitrobenzene
Concen: 62.31 ug/ml
RT: 5.501 min Scan# 1227
Delta R.T. 0.021 min
Lab File: AP91229.D
Acq: 29 Dec 2025 07:10 am

Tgt Ion:111 Resp: 88241

Ion	Ratio	Lower	Upper
111	100		
157	85.1	55.1	82.7#
75	119.3	100.1	150.1

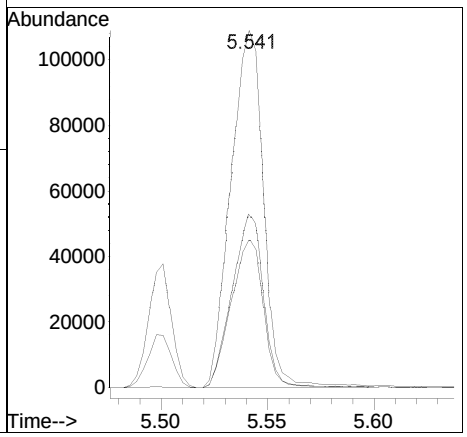


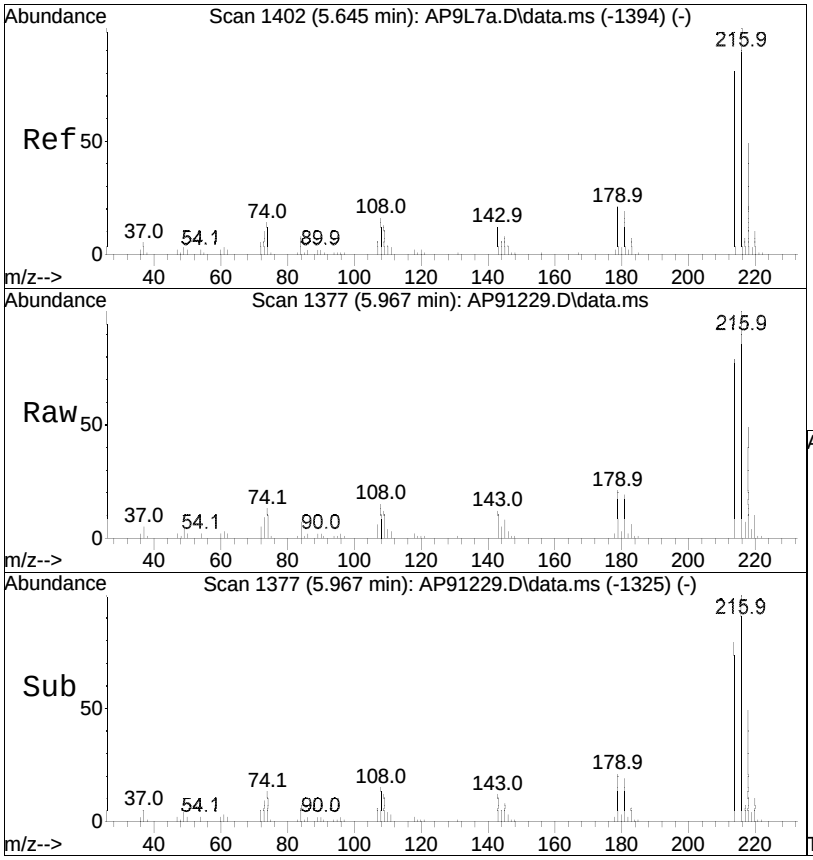


#60
Caprolactam
Concen: 52.30 ug/ml
RT: 5.541 min Scan# 1240
Delta R.T. -0.003 min
Lab File: AP91229.D
Acq: 29 Dec 2025 07:10 am

Tgt Ion: 55 Resp: 116512

Ion	Ratio	Lower	Upper
55	100		
85	40.8	47.4	71.2#
113	46.6	71.0	106.4#

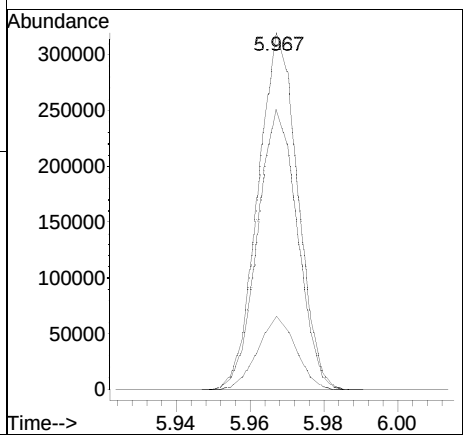


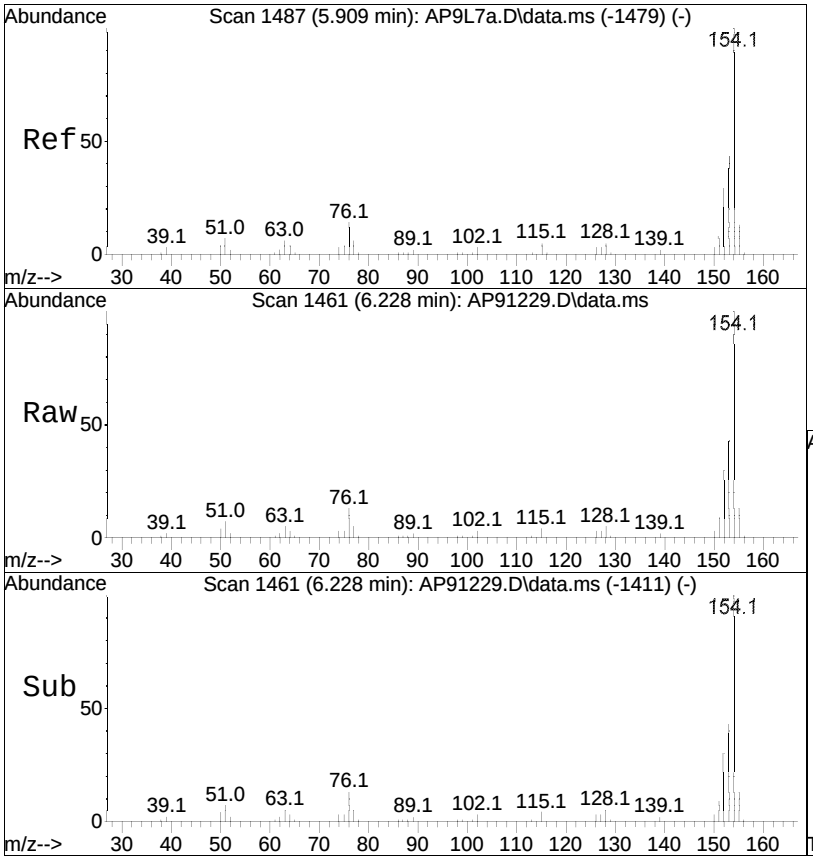


#61
1,2,4,5-Tetrachlorobenzene
Concen: 45.63 ug/ml
RT: 5.967 min Scan# 1377
Delta R.T. 0.037 min
Lab File: AP91229.D
Acq: 29 Dec 2025 07:10 am

Tgt Ion:216 Resp: 237834

Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.2	96.2
179	19.9	17.8	26.8

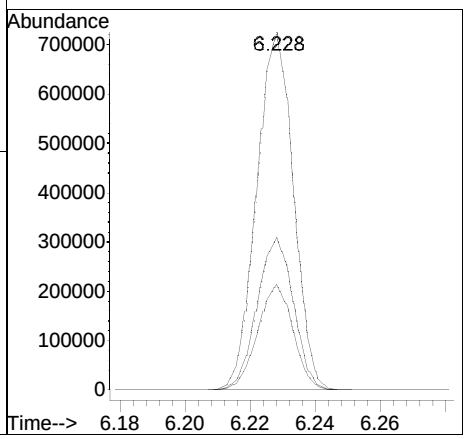


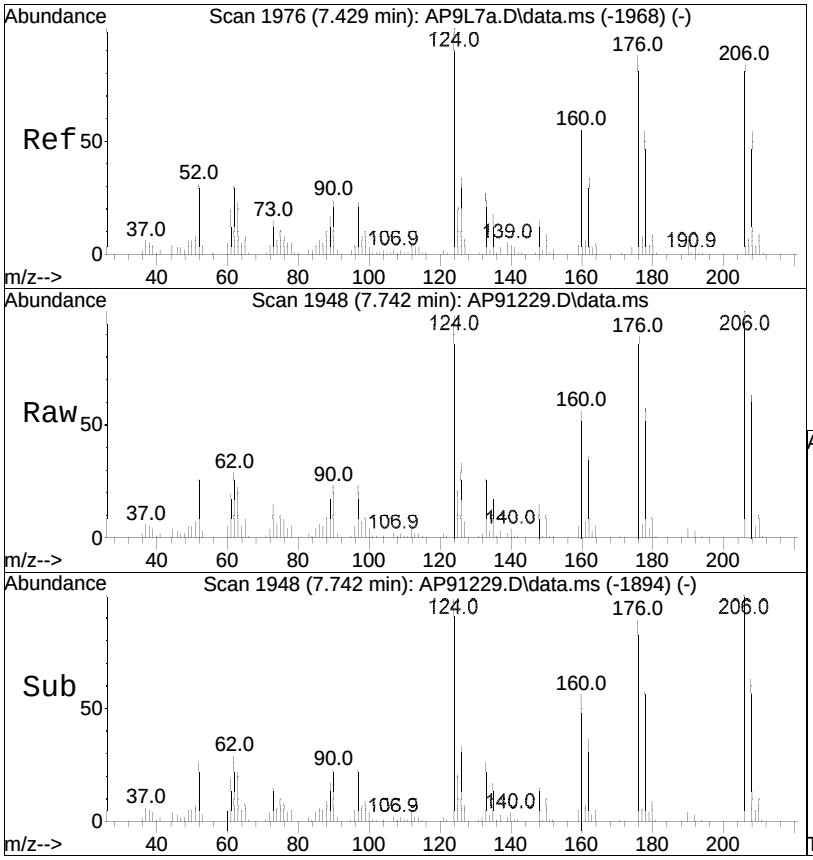


#62
Biphenyl
Concen: 45.16 ug/ml
RT: 6.228 min Scan# 1461
Delta R.T. 0.031 min
Lab File: AP91229.D
Acq: 29 Dec 2025 07:10 am

Tgt Ion:154 Resp: 563689

Ion	Ratio	Lower	Upper
154	100		
153	42.1	35.1	52.7
152	28.5	24.0	36.0

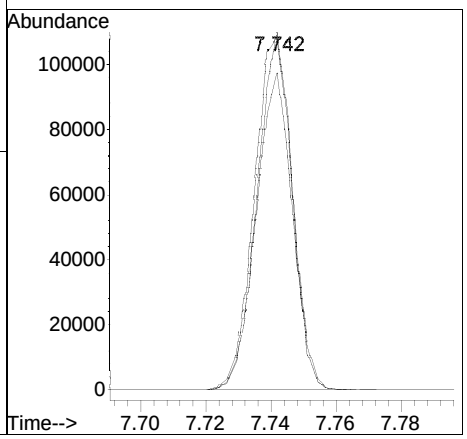


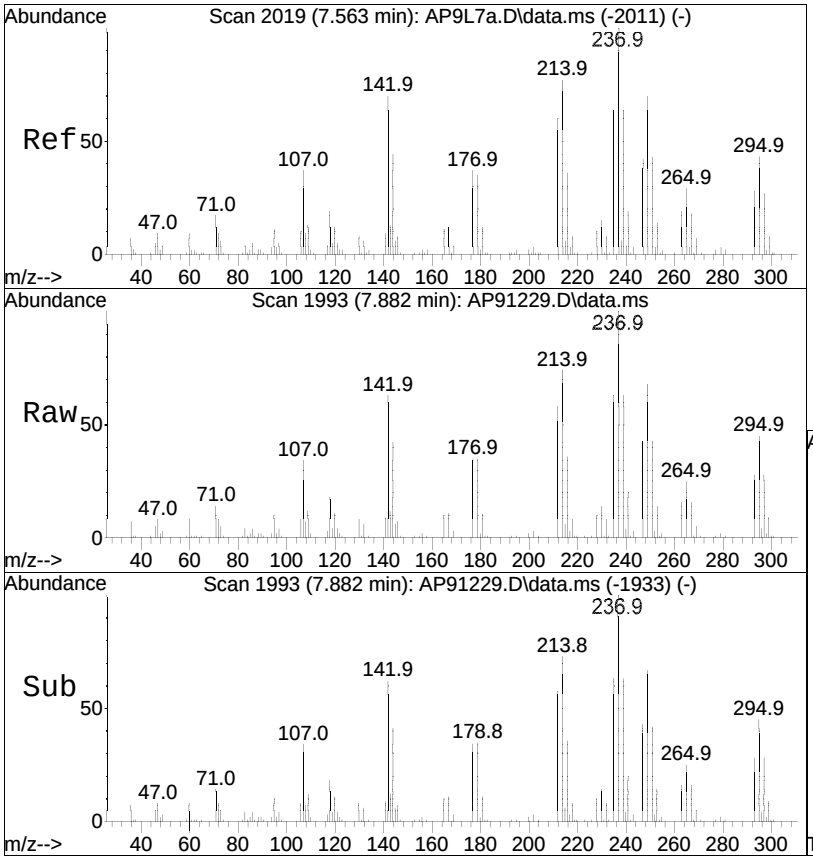


#84
Dichloran
Concen: 56.24 ug/ml
RT: 7.742 min Scan# 1948
Delta R.T. 0.043 min
Lab File: AP91229.D
Acq: 29 Dec 2025 07:10 am

Tgt Ion:206 Resp: 82577

Ion	Ratio	Lower	Upper
206	100		
176	90.4	93.0	139.6#
124	104.6	133.2	199.8#

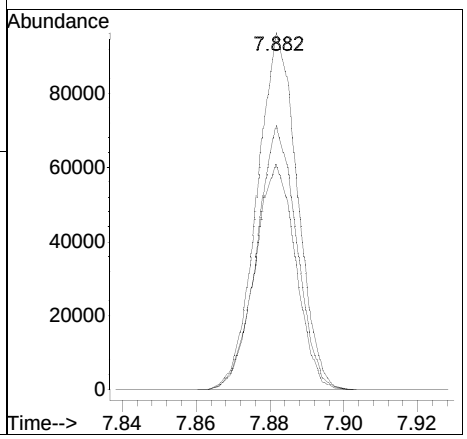


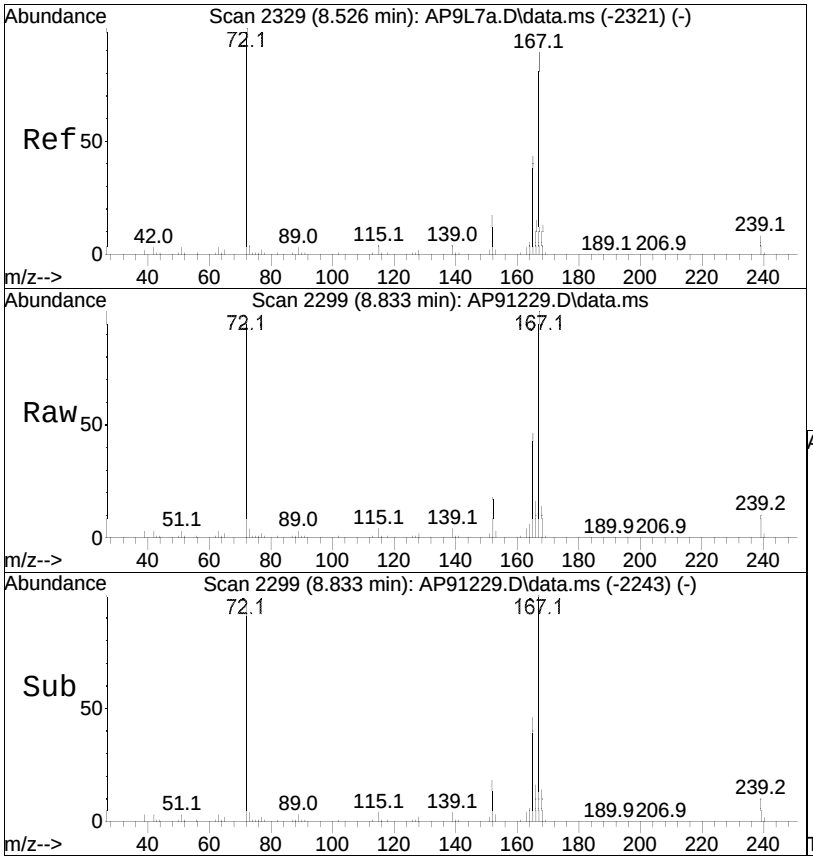


#85
Pentachloronitrobenzene
Concen: 57.43 ug/ml
RT: 7.882 min Scan# 1993
Delta R.T. 0.062 min
Lab File: AP91229.D
Acq: 29 Dec 2025 07:10 am

Tgt Ion:237 Resp: 73076

Ion	Ratio	Lower	Upper
237	100		
142	64.5	79.9	119.9#
214	73.1	56.7	85.1

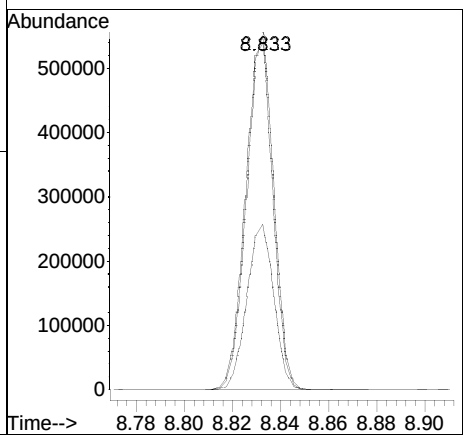




#99
Diphenamid
Concen: 44.51 ug/ml
RT: 8.833 min Scan# 2299
Delta R.T. 0.049 min
Lab File: AP91229.D
Acq: 29 Dec 2025 07:10 am

Tgt Ion:167 Resp: 426799

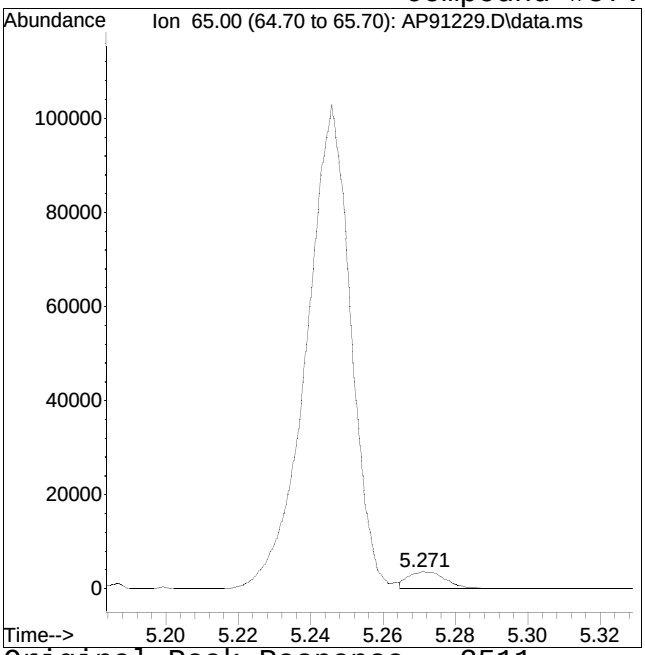
Ion	Ratio	Lower	Upper
167	100		
72	99.4	127.1	190.7#
165	46.8	44.1	66.1

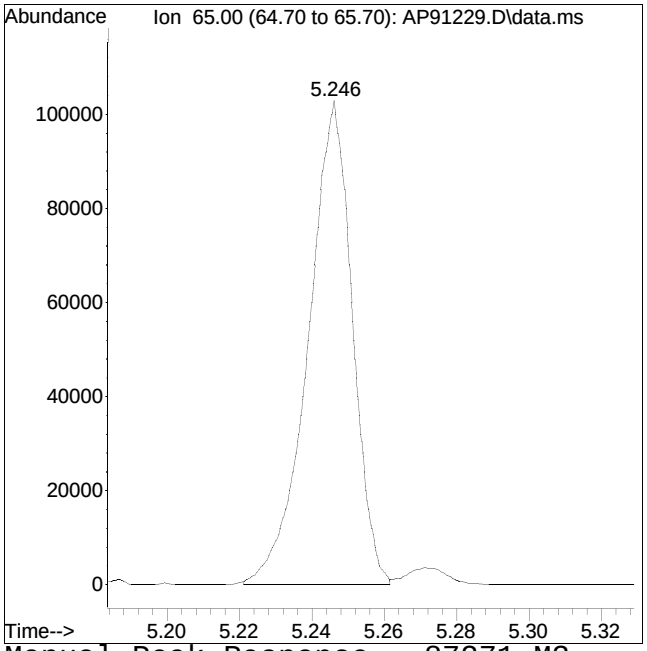


Manual Integration Report

Data Path : I:\8270\SV134\251229\ QMethod : FS250829SV134.m
Data File : AP91229.D Operator : SV134:cmm
Date Inj'd : 12/29/2025 7:10 am Instrument : SV134
Sample : WG2159560-4,32,,AP9 12053 Quant Date : 12/29/2025 7:28 am

Compound #57: 3-Chloroaniline





Original Peak Response = 2511 Manual Peak Response = 87271 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV134\251229\
Data File : ADP1229a.D
Acq On : 29 Dec 2025 08:14 am
Operator : SV134:cmm
Sample : WG2159560-5,32,,ADP 120223 smc1229A
Misc : WG2159560,,ical22604
ALS Vial : 50 Sample Multiplier: 1

Quant Time: Dec 29 08:34:28 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 21:05:38 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
32	I	IS3_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	60	0.07
33	T	1,4-Dioxane	0.487	0.452	7.2	53	-0.07
34	T	n-Decane	1.754	1.582	9.8	50#	0.04
86	I	IS3_Acenaphthene-d10	1.000	1.000	0.0	77	0.06
87	T	Atrazine	0.434	0.400	7.8	67	0.00
100	I	IS3_Phenanthrene-d10	1.000	1.000	0.0	80	0.08
101	T	n-Octadecane	0.544	0.470	13.6	60	0.00
102	T	Parathion	* 50.000	48.088	3.8	84	0.04
103	T	3,3'-Dimethylbenzidine	0.884	0.780	11.8	65	0.26

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\251229\
Data File : ADP1229a.D
Acq On : 29 Dec 2025 08:14 am
Operator : SV134:cmm
Sample : WG2159560-5,32,,ADP 120223 smc1229A
Misc : WG2159560,,ical22604
ALS Vial : 50 Sample Multiplier: 1

Quant Time: Dec 29 08:34:28 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 21:05:38 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
	Internal Standards						
32)	IS3_1,4-Dichlorobenzen...	4.096	152	107073	40.000	ug/ml	0.07
86)	IS3_Acenaphthene-d10	6.722	164	287855	40.000	ug/ml	0.06
100)	IS3_Phenanthrene-d10	8.022	188	607036	40.000	ug/ml	0.08
	System Monitoring Compounds						
	Target Compounds						Qvalue
33)	1,4-Dioxane	1.790	88	60519	46.468	ug/ml#	67
34)	n-Decane	3.984	57	211686	45.095	ug/ml#	90
87)	Atrazine	7.798	200	143996	46.068	ug/ml	95
101)	n-Octadecane	7.978	57	356693	43.184	ug/ml#	79
102)	Parathion	8.718	109	85047	48.088	ug/ml#	94
103)	3,3'-Dimethylbenzidine	10.048	212	592035M2	44.121	ug/ml	

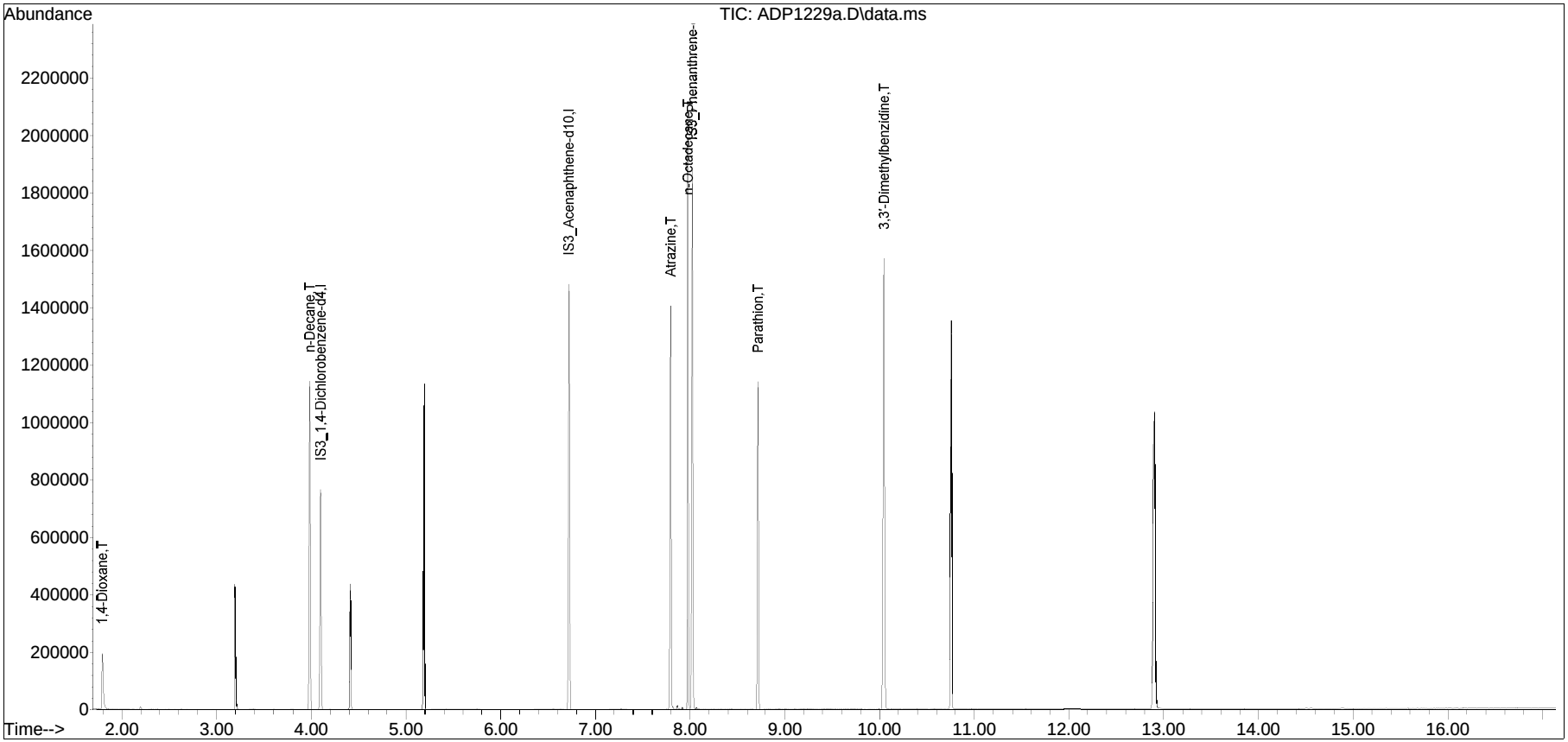
(#) = qualifier out of range (m) = manual integration (+) = signals summed

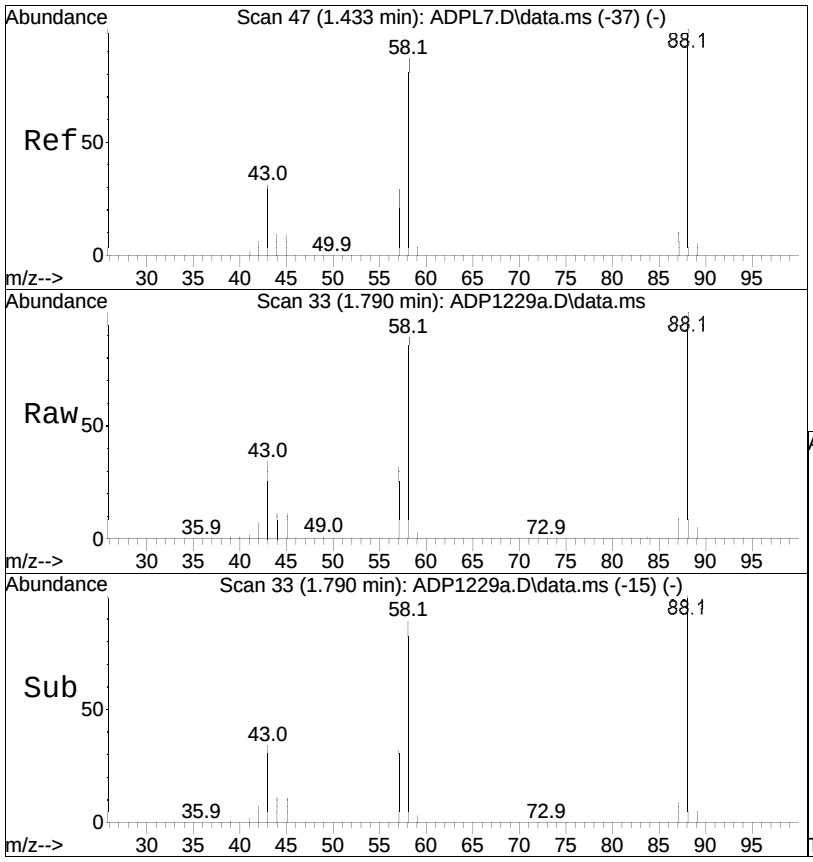
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV134\251229\
Data File : ADP1229a.D
Acq On : 29 Dec 2025 08:14 am
Operator : SV134:cmm
Sample : WG2159560-5,32,,ADP 120223 smc1229A
Misc : WG2159560,,ical22604
ALS Vial : 50 Sample Multiplier: 1

Quant Time: Dec 29 08:34:28 2025
Quant Method : I:\8270\SV134\251229\FS250829SV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 21:05:38 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublist

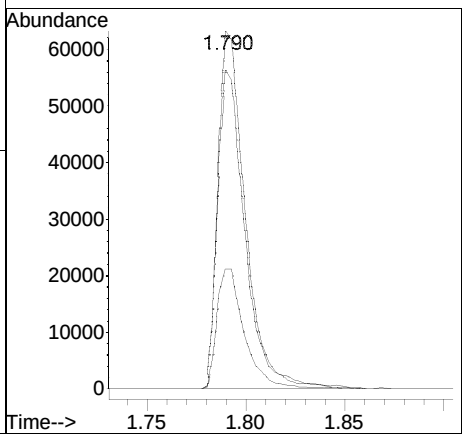


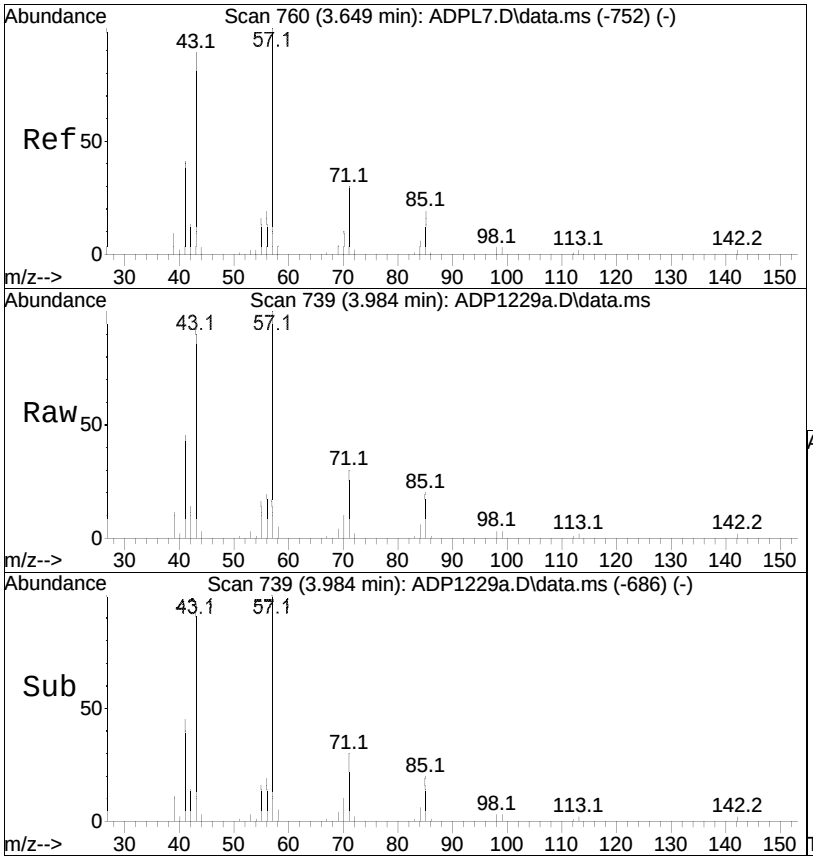


#33
1,4-Dioxane
Concen: 46.47 ug/ml
RT: 1.790 min Scan# 33
Delta R.T. -0.068 min
Lab File: ADP1229a.D
Acq: 29 Dec 2025 08:14 am

Tgt Ion: 88 Resp: 60519

Ion	Ratio	Lower	Upper
88	100		
58	88.8	44.8	67.2#
43	33.5	22.4	33.6

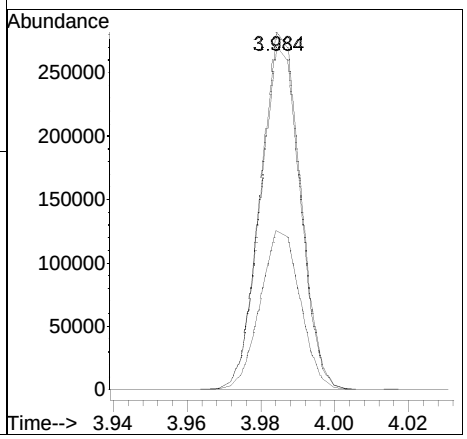


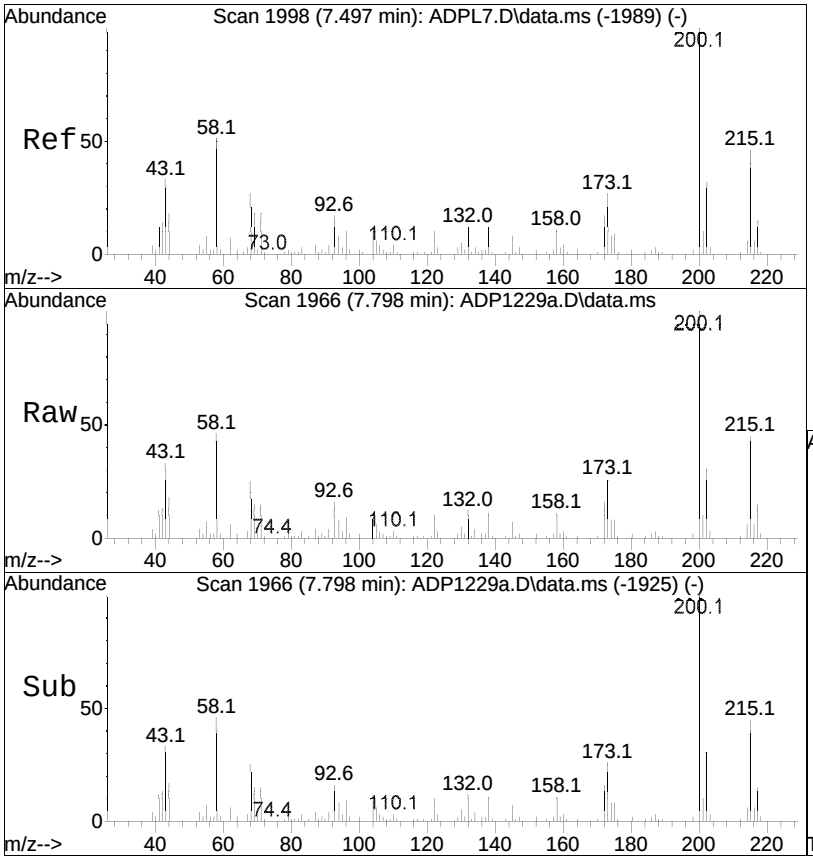


#34
n-Decane
Concen: 45.10 ug/ml
RT: 3.984 min Scan# 739
Delta R.T. 0.040 min
Lab File: ADP1229a.D
Acq: 29 Dec 2025 08:14 am

Tgt Ion: 57 Resp: 211686

Ion	Ratio	Lower	Upper
57	100		
43	95.3	80.7	121.1
41	44.7	45.8	68.8#

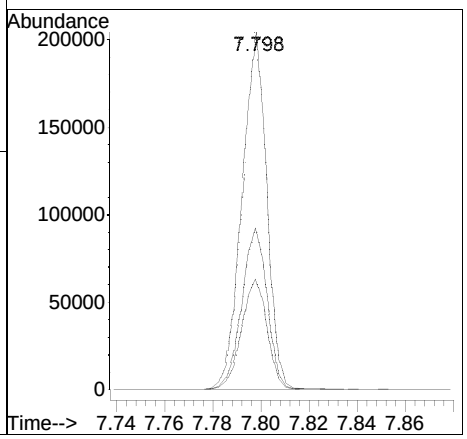


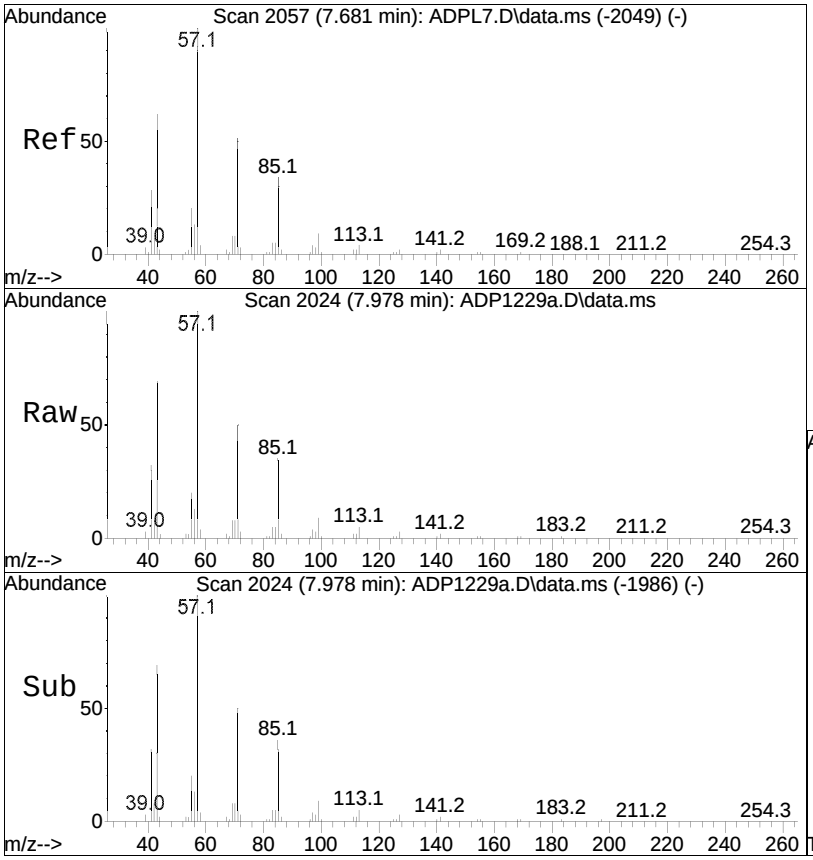


#87
Atrazine
Concen: 46.07 ug/ml
RT: 7.798 min Scan# 1966
Delta R.T. 0.003 min
Lab File: ADP1229a.D
Acq: 29 Dec 2025 08:14 am

Tgt Ion:200 Resp: 143996

Ion	Ratio	Lower	Upper
200	100		
202	32.1	26.6	40.0
215	46.8	34.1	51.1

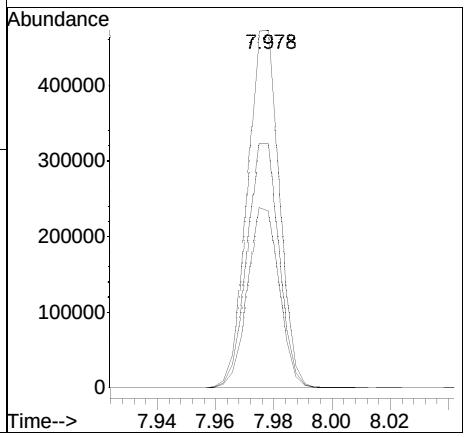


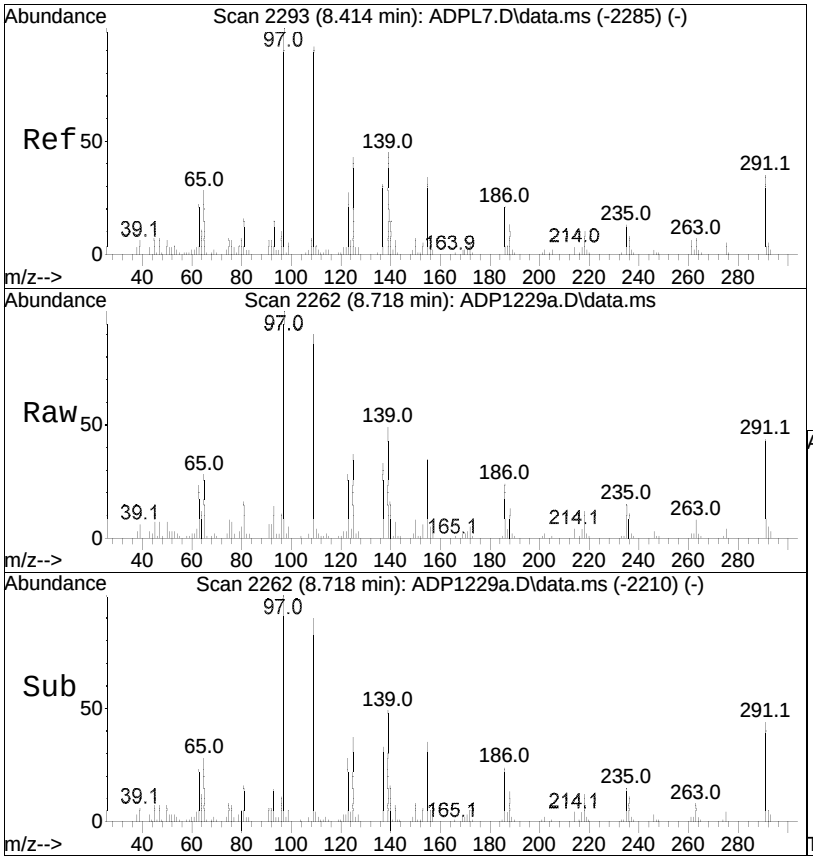


#101
n-Octadecane
Concen: 43.18 ug/ml
RT: 7.978 min Scan# 2024
Delta R.T. -0.006 min
Lab File: ADP1229a.D
Acq: 29 Dec 2025 08:14 am

Tgt Ion: 57 Resp: 356693

Ion	Ratio	Lower	Upper
57	100		
43	68.4	63.4	95.0
71	50.1	61.4	92.0#

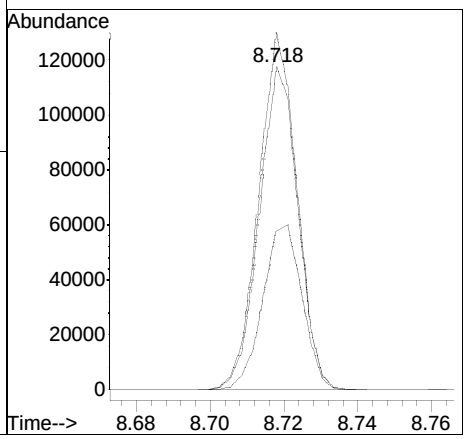


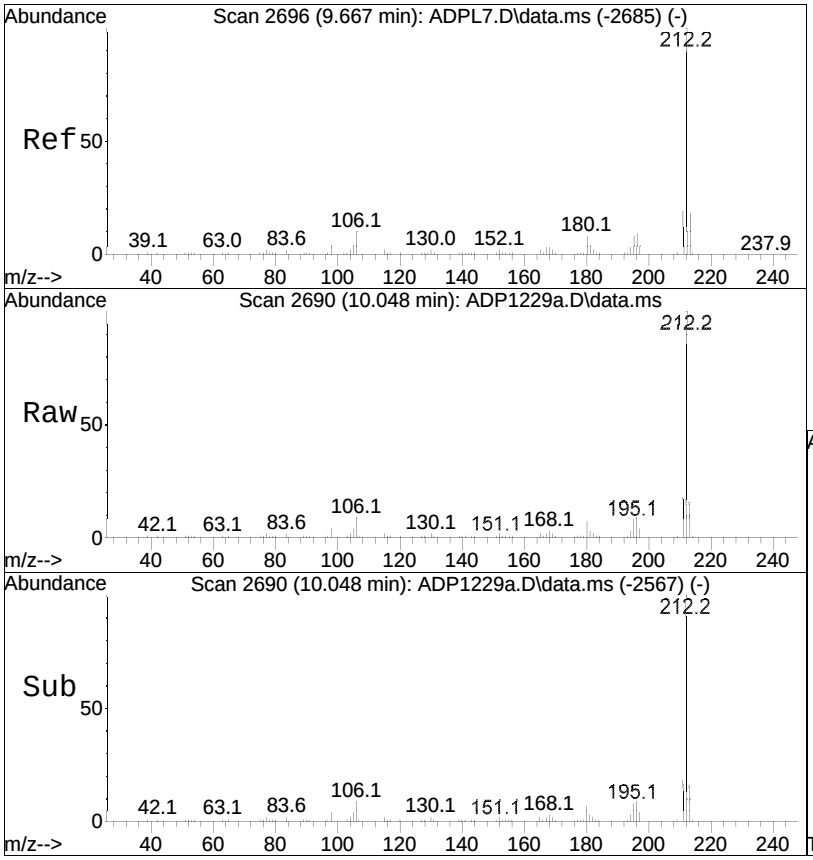


#102
Parathion
Concen: 48.09 ug/ml
RT: 8.718 min Scan# 2262
Delta R.T. 0.037 min
Lab File: ADP1229a.D
Acq: 29 Dec 2025 08:14 am

Tgt Ion:109 Resp: 85047

Ion	Ratio	Lower	Upper
109	100		
97	109.2	88.0	132.0
291	52.1	31.6	47.4#

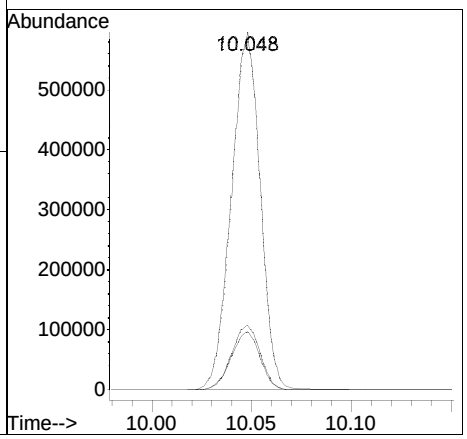




#103
3,3'-Dimethylbenzidine
Concen: 44.12 ug/ml M2
RT: 10.048 min Scan# 2690
Delta R.T. 0.258 min
Lab File: ADP1229a.D
Acq: 29 Dec 2025 08:14 am

Tgt Ion:212 Resp: 592035

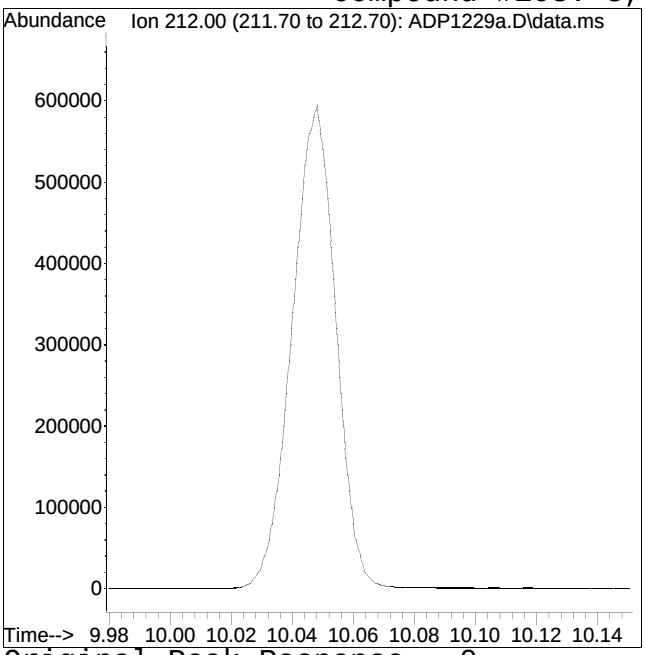
Ion	Ratio	Lower	Upper
212	100		
211	0.0	14.2	21.4#
213	0.0	14.0	21.0#



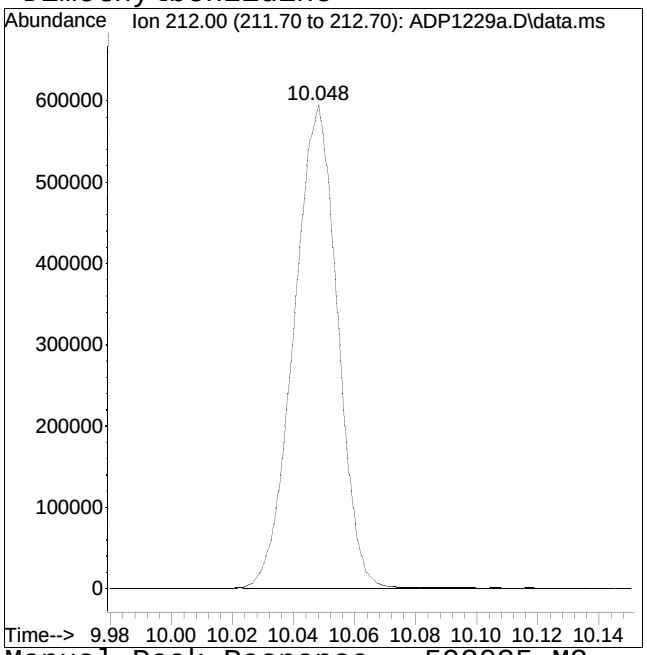
Manual Integration Report

Data Path : I:\8270\SV134\251229\ QMethod : FS250829SV134.m
Data File : ADP1229a.D Operator : SV134:cmm
Date Inj'd : 12/29/2025 8:14 am Instrument : SV134
Sample : WG2159560-5,32,,ADP 120223 Quant Date : 12/29/2025 8:32 am

Compound #103: 3,3'-Dimethylbenzidine



Original Peak Response = 0



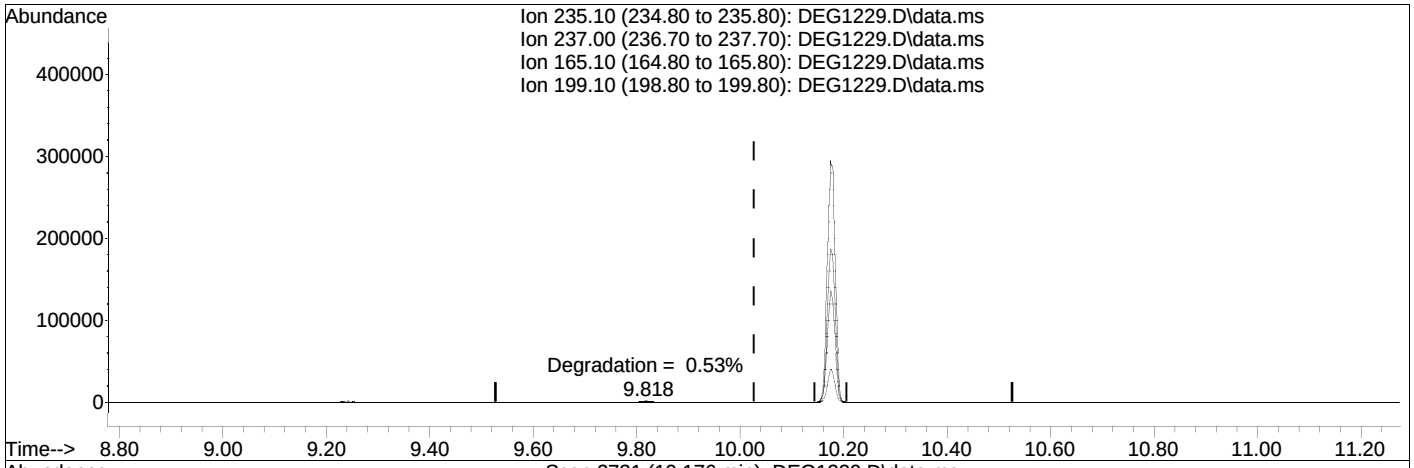
Manual Peak Response = 592035 M2

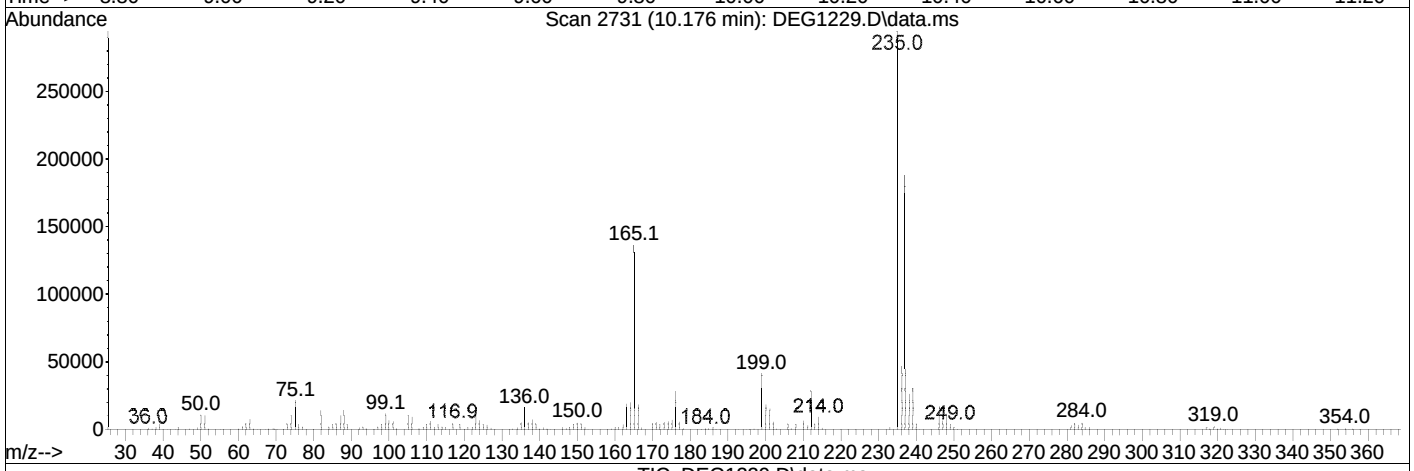
M2 = Peak not found by automatic integration algorithm.

Quantitation Report (Qedit)

Data Path : I:\8270\SV134\251229\
Data File : DEG1229.D
Acq On : 29 Dec 2025 06:27 am
Operator : SV134:cmm
Sample : WG2159560-2,32,,SV134 Degdftpp Lot # 12172
Misc : WG2159560,,ical22604
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Dec 29 07:02:58 2025
Quant Method : I:\8270\SV134\251229\DftppSV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 19:36:44 2025
Response via : Initial Calibration





TIC: DEG1229.D\data.ms

(6) DDT (T)

10.176min (+ 0.149) 47.94

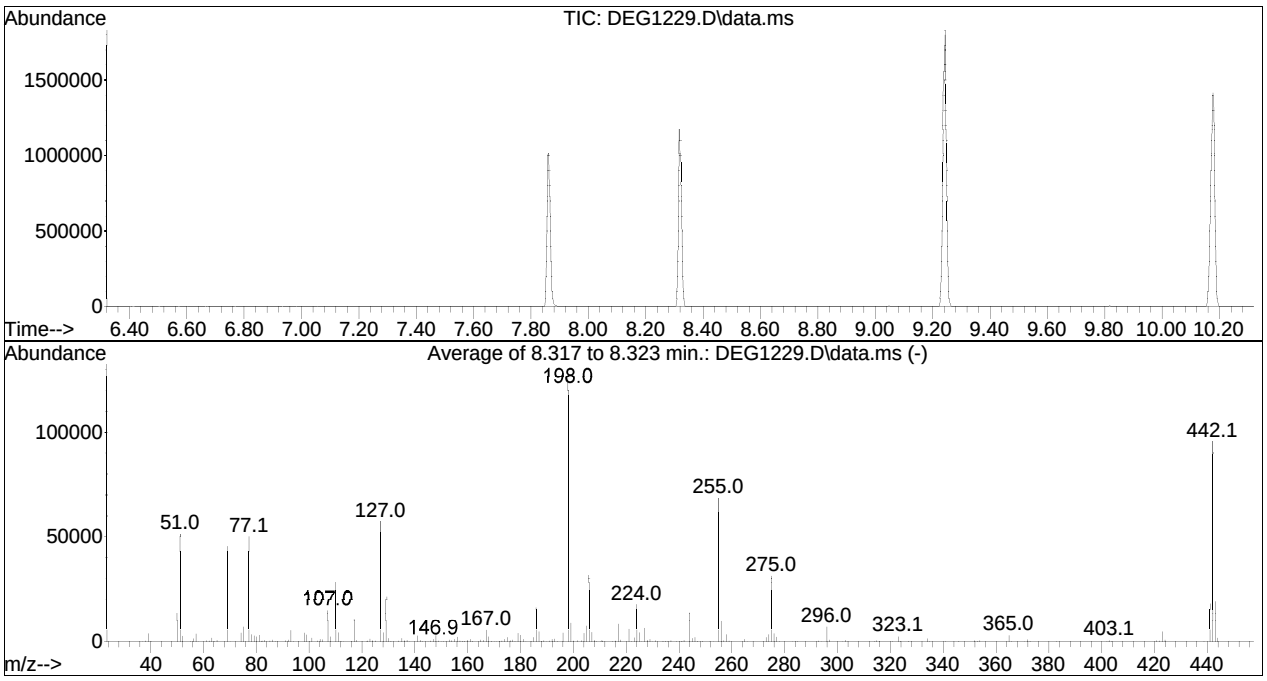
response 292223

Ion	Exp%	Act%
235.10	100.00	100.00
237.00	64.50	63.78
165.10	49.70	45.23
199.10	13.50	13.38

Data Path : I:\8270\SV134\251229\
Data File : DEG1229.D
Acq On : 29 Dec 2025 06:27 am
Operator : SV134:smc
Sample : WG2159560-1,32,,SV134 Degdftpp Lot # 12172
Misc : WG2159560,,ical22604
ALS Vial : 47 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\SV134\251229\FS250829SV134.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Sun Dec 28 21:05:38 2025



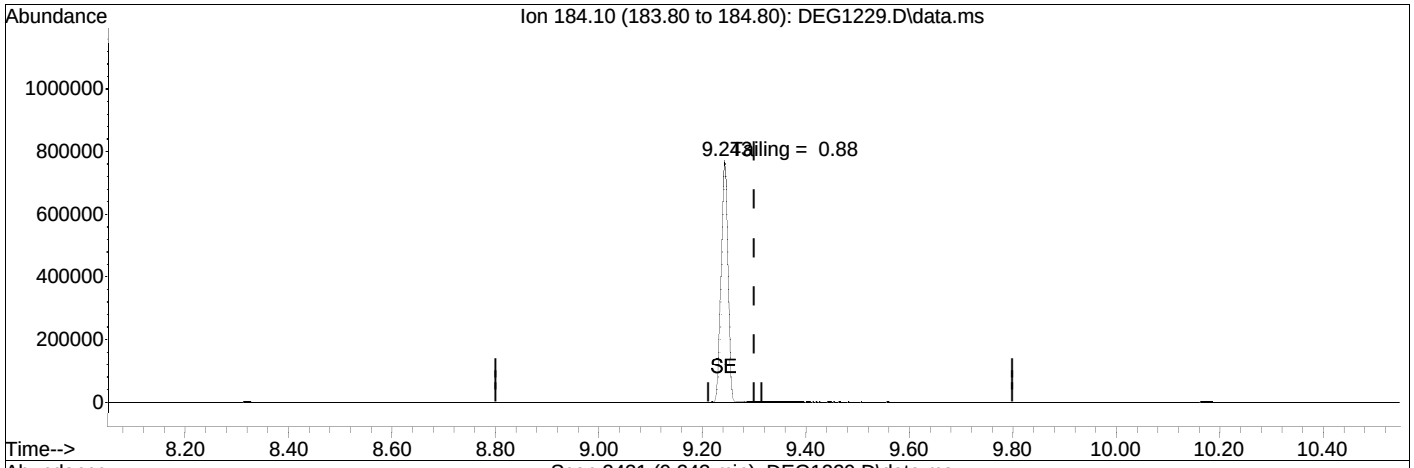
Spectrum Information: Average of 8.317 to 8.323 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	40.6	51200	PASS
68	69	0.00	2	0.0	0	PASS
69	69	100	100	100.0	45608	PASS
70	69	0.00	2	0.6	280	PASS
127	198	10	80	45.3	57096	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	126104	PASS
199	198	5	9	7.0	8796	PASS
275	198	10	60	24.7	31120	PASS
365	198	1	100	2.4	3002	PASS
441	442	0.01	24	18.6	17735	PASS
442	198	50	100	75.7	95507	PASS
443	442	15	24	19.7	18830	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\SV134\251229\
Data File : DEG1229.D
Acq On : 29 Dec 2025 06:27 am
Operator : SV134:cmm
Sample : WG2159560-6,32,,SV134 Degdftpp Lot # 12172
Misc : WG2159560,,ical22604
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Dec 29 07:02:58 2025
Quant Method : I:\8270\SV134\251229\DftppSV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 19:36:44 2025
Response via : Initial Calibration



TIC: DEG1229.D\data.ms

(3) Benzidine (T)

9.243min (-0.057) 64.08

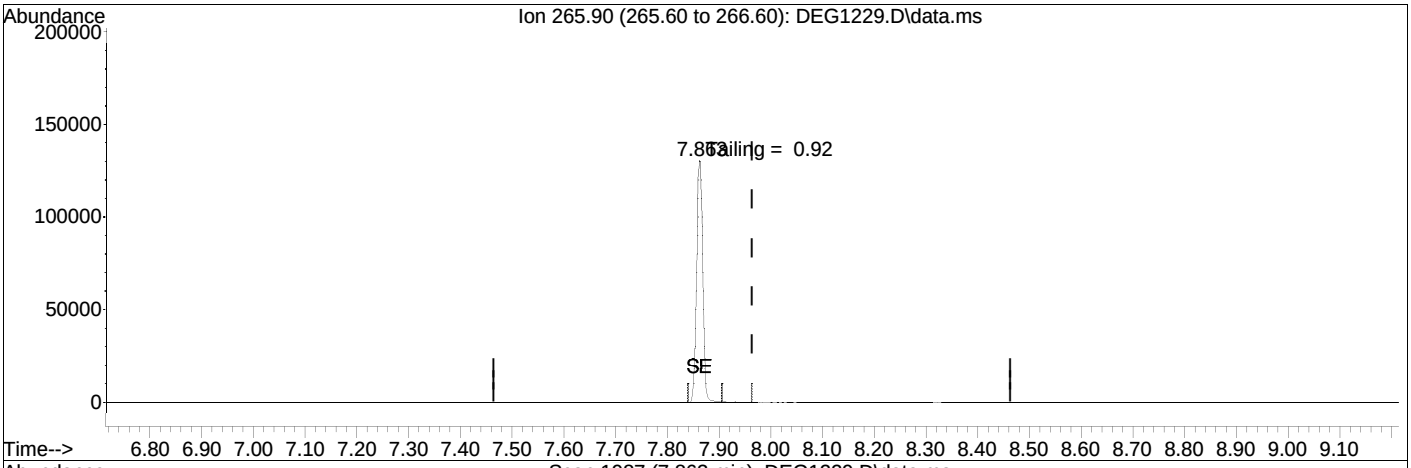
response 652291

Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\SV134\251229\
Data File : DEG1229.D
Acq On : 29 Dec 2025 06:27 am
Operator : SV134:cmm
Sample : WG2159560-7,32,,SV134 Degdftpp Lot # 12172
Misc : WG2159560,,ical22604
ALS Vial : 47 Sample Multiplier: 1

Quant Time: Dec 29 07:02:58 2025
Quant Method : I:\8270\SV134\251229\DftppSV134.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 19:36:44 2025
Response via : Initial Calibration



TIC: DEG1229.D\data.ms

(1) Pentachlorophenol (T)

7.863min (-0.101) 49.64

response 104269

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\GCMS5\251229\
Data File : ABN1229.D
Acq On : 29 Dec 2025 8:58 am
Operator : GCMS5:smz
Sample : wg2159627-3,32,,ABN 12168 gmr1227A
Misc : wg2159627,,ical22516
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Dec 29 09:26:21 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 09:58:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	IS1_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
2	t	n-Nitrosodimethylamine	0.744	0.835	-12.2	118	0.00
3	t	Pyridine	1.293	1.415	-9.4	113	0.00
4	S	2-Fluorophenol	1.117	1.101	1.4	102	0.00
5	T	Aniline	1.946	1.948	-0.1	103	0.00
6	t	2-Chlorophenol	1.340	1.253	6.5	97	0.00
7	S	Phenol-d6	1.507	1.482	1.7	101	0.00
8	T	Phenol	1.587	1.585	0.1	104	0.00
9	T	Bis(2-chloroethyl)ether	1.163	1.132	2.7	106	0.00
10	T	1,3-Dichlorobenzene	1.566	1.418	9.5	97	0.00
11	T	1,4-Dichlorobenzene	1.641	1.440	12.2	95	0.00
12	T	1,2-Dichlorobenzene	1.579	1.373	13.0	94	0.00
13	t	Benzyl alcohol	1.083	1.179	-8.9	110	0.00
14	T	Bis(2-chloroisopropyl)ether	1.920	1.280	33.3#	70	0.00
15	T	2-Methylphenol	1.183	1.156	2.3	101	0.00
16	T	Hexachloroethane	0.583	0.555	4.8	100	0.00
17	T	n-Nitrosodi-n-propylamine	0.951	1.082	-13.8	115	0.00
18	T	3-Methylphenol/4-Methylphen	1.271	1.271	0.0	102	0.00
19	S	Nitrobenzene-d5	1.373	1.481	-7.9	109	0.00
20	T	Nitrobenzene	1.372	1.512	-10.2	112	0.00
21	T	Isophorone	2.501	2.754	-10.1	110	0.00
22	T	2-Nitrophenol	0.683	0.742	-8.6	105	0.00
23	T	2,4-Dimethylphenol	1.317	1.356	-3.0	104	0.00
24	T	Bis(2-chloroethoxy)methane	1.588	1.626	-2.4	107	0.00
25	T	2,4-Dichlorophenol	1.277	1.248	2.3	99	0.00
26	T	1,2,4-Trichlorobenzene	1.512	1.349	10.8	97	0.00
35	I	IS1_Naphthalene-d8	1.000	1.000	0.0	106	0.00
36	T	Naphthalene	1.075	0.976	9.2	100	0.00
37	T	Benzoic Acid	0.260	0.288	-10.8	116	0.00
38	T	4-Chloroaniline	0.134	0.134	0.0	105	0.00
39	T	Hexachlorobutadiene	0.229	0.198	13.5	95	0.00
40	T	p-Chloro-m-cresol	0.293	0.307	-4.8	106	0.00
41	T	2-Methylnaphthalene	0.669	0.630	5.8	101	0.00
42	T	1-Methylnaphthalene	0.245	0.211	13.9	92	0.00
43	T	Hexachlorocyclopentadiene	0.280	0.256	8.6	94	0.00
44	T	2,4,6-Trichlorophenol	0.268	0.257	4.1	95	0.00
45	T	2,4,5-Trichlorophenol	0.295	0.276	6.4	99	0.00
46	S	2-Fluorobiphenyl	0.915	0.811	11.4	95	0.00

Data Path : I:\8270\GCMS5\251229\
Data File : ABN1229.D
Acq On : 29 Dec 2025 8:58 am
Operator : GCMS5:smz
Sample : wg2159627-3,32,,ABN 12168 gmr1227A
Misc : wg2159627,,ical22516
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Dec 29 09:26:21 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 09:58:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
47	T	2-Chloronaphthalene		0.771	0.705	8.6	98	0.00
48	T	2-Nitroaniline		0.228	0.237	-3.9	101	0.00
49	T	1,4-Dinitrobenzene		0.112	0.117	-4.5	104	0.00
50	T	1,3-Dinitrobenzene		0.137	0.125	8.8	92	0.00
51	T	Dimethyl phthalate		0.935	0.837	10.5	95	0.00
52	T	Acenaphthylene		1.300	1.154	11.2	92	0.00
53	T	2,6-Dinitrotoluene		0.184	0.191	-3.8	102	0.00
54	T	1,2-Dinitrobenzene		0.086	0.079	8.1	92	0.00
63	I	IS1_Acenaphthene-d10		1.000	1.000	0.0	99	0.00
64	T	3-Nitroaniline		0.335	0.353	-5.4	97	0.00
65	T	Acenaphthene		1.159	1.084	6.5	93	0.00
66	T	2,4-Dinitrophenol	*	50.000	50.092	-0.2	107	0.00
67	T	Dibenzofuran		1.893	1.741	8.0	91	0.00
68	T	2,4-Dinitrotoluene	*	50.000	40.919	18.2	90	0.00
69	T	4-Nitrophenol		0.262	0.279	-6.5	96	0.00
70	T	2,3,5,6-Tetrachlorophenol		0.424	0.420	0.9	93	0.00
71	T	2,3,4,6-Tetrachlorophenol		0.419	0.406	3.1	94	0.00
72	T	Diethyl phthalate		1.464	1.407	3.9	94	0.00
73	T	Fluorene		1.538	1.434	6.8	91	0.00
74	T	4-Chlorophenyl phenyl ether		0.741	0.672	9.3	90	0.00
75	T	4-Nitroaniline		0.356	0.347	2.5	86	0.00
76	T	4,6-Dinitro-o-cresol		0.284	0.302	-6.3	101	0.00
77	T	NDPA/DPA		1.281	1.196	6.6	90	0.00
78	T	Azobenzene		1.319	1.498	-13.6	109	0.00
79	S	2,4,6-Tribromophenol		0.250	0.220	12.0	86	0.00
80	T	4-Bromophenyl phenyl ether		0.475	0.447	5.9	95	0.00
81	T	Hexachlorobenzene		0.563	0.484	14.0	88	0.00
82	T	Pentachlorophenol	*	50.000	40.160	19.7	87	0.00
88	I	IS1_Phenanthrene-d10		1.000	1.000	0.0	97	0.00
89	T	Phenanthrene		1.186	1.041	12.2	86	0.00
90	T	Anthracene		1.185	1.076	9.2	87	0.00
91	T	Carbazole		1.121	1.001	10.7	85	0.00
92	T	Di-n-butylphthalate		1.199	1.184	1.3	90	0.00
93	T	Fluoranthene		1.393	1.256	9.8	84	0.00
94	T	Benzidine		0.939	0.874	6.9	90	0.00
95	T	Pyrene		1.508	1.329	11.9	82	0.00
96	S	4-Terphenyl-d14		1.149	0.975	15.1	80	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\GCMS5\251229\
Data File : ABN1229.D
Acq On : 29 Dec 2025 8:58 am
Operator : GCMS5:smz
Sample : wg2159627-3,32,,ABN 12168 gmr1227A
Misc : wg2159627,,ical22516
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Dec 29 09:26:21 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 09:58:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
97	T	Butyl benzyl phthalate	0.620	0.564	9.0	88	0.00
104	I	IS1_Chrysene-d12	1.000	1.000	0.0	76	0.00
105	T	Benzo(a)anthracene	1.350	1.299	3.8	72	0.00
106	T	3,3'-Dichlorobenzidine	0.482	0.523	-8.5	75	0.00
107	T	Chrysene	1.240	1.193	3.8	74	0.00
108	T	Bis(2-ethylhexyl)phthalate	0.686	0.798	-16.3	84	0.00
109	T	Di-n-octylphthalate	1.138	1.401	-23.1#	87	0.00
110	T	Benzo(b)fluoranthene	1.307	1.327	-1.5	78	0.00
111	T	Benzo(k)fluoranthene	1.312	1.181	10.0	66	0.00
112	T	Benzo(a)pyrene	1.237	1.204	2.7	73	0.00
113	I	IS1_Perylene-d12	1.000	1.000	0.0	75	0.00
114	T	Indeno(1,2,3-cd)pyrene	1.156	1.148	0.7	68	0.00
115	T	Dibenzo(a,h)anthracene	1.176	1.050	10.7	64	0.00
116	T	Benzo(ghi)perylene	1.122	1.052	6.2	67	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\251229\
Data File : ABN1229.D
Acq On : 29 Dec 2025 8:58 am
Operator : GCMS5:smz
Sample : wg2159627-3,32,,ABN 12168 gmr1227A
Misc : wg2159627,,ical22516
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Dec 29 09:26:21 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 09:58:21 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
	Internal Standards						
1)	IS1_1,4-Dichlorobenzen...	5.618	152	207886	40.000	ug/ml	0.00
35)	IS1_Naphthalene-d8	6.951	136	830427	40.000	ug/ml	-0.01
63)	IS1_Acenaphthene-d10	8.685	164	492520	40.000	ug/ml	-0.01
88)	IS1_Phenanthrene-d10	10.124	188	999664	40.000	ug/ml	#-0.01
104)	IS1_Chrysene-d12	12.856	240	1046728	40.000	ug/ml	-0.01
113)	IS1_Perylene-d12	14.584	264	1120829	40.000	ug/ml	-0.01
	System Monitoring Compounds						
4)	2-Fluorophenol	4.084	112	286128	49.293	ug/ml	-0.02
	Spiked Amount 50.000	Range 15 - 110		Recovery = 98.59%			
7)	Phenol-d6	5.289	99	385122	49.170	ug/ml	-0.01
	Spiked Amount 50.000	Range 15 - 110		Recovery = 98.34%			
19)	Nitrobenzene-d5	6.217	82	384978	53.953	ug/ml	-0.01
	Spiked Amount 25.000	Range 30 - 130		Recovery = 215.81%#			
46)	2-Fluorobiphenyl	8.044	172	841840	44.301	ug/ml	-0.01
	Spiked Amount 25.000	Range 30 - 130		Recovery = 177.20%#			
79)	2,4,6-Tribromophenol	9.454	330	135453	44.041	ug/ml	-0.01
	Spiked Amount 50.000	Range 15 - 110		Recovery = 88.08%			
96)	4-Terphenyl-d14	11.711	244	1218076	42.434	ug/ml	0.00
	Spiked Amount 25.000	Range 30 - 130		Recovery = 169.74%#			
	Target Compounds						Qvalue
2)	n-Nitrosodimethylamine	2.092	74	216952	56.100	ug/ml#	77
3)	Pyridine	2.128	79	367610	54.691	ug/ml#	73
5)	Aniline	5.253	93	506225	50.045	ug/ml#	64
6)	2-Chlorophenol	5.389	128	325545	46.758	ug/ml	96
8)	Phenol	5.306	94	411941	49.948	ug/ml#	64
9)	Bis(2-chloroethyl)ether	5.359	93	294220	48.663	ug/ml	97
10)	1,3-Dichlorobenzene	5.547	146	368578	45.284	ug/ml	97
11)	1,4-Dichlorobenzene	5.635	146	374207	43.874	ug/ml	98
12)	1,2-Dichlorobenzene	5.794	146	356847	43.482	ug/ml	98
13)	Benzyl alcohol	5.800	79	306404	54.432	ug/ml	95
14)	Bis(2-chloroisopropyl)...	5.953	45	332619	33.342	ug/ml#	76
15)	2-Methylphenol	5.953	108	300292	48.847	ug/ml	95
16)	Hexachloroethane	6.152	117	144244	47.591	ug/ml	88
17)	n-Nitrosodi-n-propylamine	6.094	70	281204	56.869	ug/ml#	91
18)	3-Methylphenol/4-Methy...	6.129	108	330374	49.997	ug/ml	95
20)	Nitrobenzene	6.235	77	393020	55.116	ug/ml	91
21)	Isophorone	6.493	82	715743	55.066	ug/ml	95
22)	2-Nitrophenol	6.570	139	192783	54.290	ug/ml	90

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\251229\
Data File : ABN1229.D
Acq On : 29 Dec 2025 8:58 am
Operator : GCMS5:smz
Sample : wg2159627-3,32,,ABN 12168 gmr1227A
Misc : wg2159627,,ical22516
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Dec 29 09:26:21 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 09:58:21 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) 2,4-Dimethylphenol	6.664	107	352420	51.476	ug/ml	96
24) Bis(2-chloroethoxy)met...	6.746	93	422561	51.191	ug/ml#	98
25) 2,4-Dichlorophenol	6.834	162	324175	48.845	ug/ml	97
26) 1,2,4-Trichlorobenzene	6.904	180	350554	44.625	ug/ml	99
36) Naphthalene	6.969	128	1013164	45.392	ug/ml	100
37) Benzoic Acid	6.810	105	299248	55.464	ug/ml#	1
38) 4-Chloroaniline	7.045	65	139368	50.086	ug/ml	78
39) Hexachlorobutadiene	7.128	225	205860	43.328	ug/ml	99
40) p-Chloro-m-cresol	7.568	107	318515	52.350	ug/ml	94
41) 2-Methylnaphthalene	7.668	142	654304	47.091	ug/ml	93
42) 1-Methylnaphthalene	7.762	115	219443	43.171	ug/ml	93
43) Hexachlorocyclopentadiene	7.839	237	265346	45.652	ug/ml	99
44) 2,4,6-Trichlorophenol	7.968	196	266395	47.824	ug/ml	100
45) 2,4,5-Trichlorophenol	7.997	196	286033	46.746	ug/ml	99
47) 2-Chloronaphthalene	8.144	162	731528	45.696	ug/ml	99
48) 2-Nitroaniline	8.256	138	246125	51.952	ug/ml#	81
49) 1,4-Dinitrobenzene	8.391	168	121008	52.253	ug/ml	85
50) 1,3-Dinitrobenzene	8.467	168	129900	45.572	ug/ml	86
51) Dimethyl phthalate	8.461	163	868576	44.740	ug/ml#	98
52) Acenaphthylene	8.544	152	1198057	44.406	ug/ml	98
53) 2,6-Dinitrotoluene	8.503	165	198082	51.918	ug/ml	97
54) 1,2-Dinitrobenzene	8.550	168	82012	45.865	ug/ml	82
64) 3-Nitroaniline	8.661	138	217107	52.665	ug/ml	82
65) Acenaphthene	8.720	154	667424	46.774	ug/ml	93
66) 2,4-Dinitrophenol	8.767	184	144253	50.092	ug/ml	99
67) Dibenzofuran	8.890	168	1071926	45.986	ug/ml	97
68) 2,4-Dinitrotoluene	8.896	165	274126	40.919	ug/ml	96
69) 4-Nitrophenol	8.861	65	171771	53.251	ug/ml	90
70) 2,3,5,6-Tetrachlorophenol	8.979	232	258375	49.478	ug/ml	100
71) 2,3,4,6-Tetrachlorophenol	9.026	232	249822	48.374	ug/ml	99
72) Diethyl phthalate	9.149	149	866476	48.079	ug/ml	99
73) Fluorene	9.219	166	883115	46.635	ug/ml	95
74) 4-Chlorophenyl phenyl ...	9.237	204	413460	45.327	ug/ml	98
75) 4-Nitroaniline	9.255	138	213466	48.664	ug/ml#	79
76) 4,6-Dinitro-o-cresol	9.290	198	185999	53.175	ug/ml	95
77) NDPA/DPA	9.355	169	736222	46.687	ug/ml	92
78) Azobenzene	9.390	77	922400	56.789	ug/ml	93
80) 4-Bromophenyl phenyl e...	9.707	248	275183	47.046	ug/ml	97
81) Hexachlorobenzene	9.766	284	297909	42.997	ug/ml	95
82) Pentachlorophenol	9.960	266	209330	40.160	ug/ml	98
89) Phenanthrene	10.148	178	1300844	43.889	ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\251229\
Data File : ABN1229.D
Acq On : 29 Dec 2025 8:58 am
Operator : GCMS5:smz
Sample : wg2159627-3,32,,ABN 12168 gmr1227A
Misc : wg2159627,,ical22516
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Dec 29 09:26:21 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 09:58:21 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90)	Anthracene	10.195	178	1344796	45.404	ug/ml	99
91)	Carbazole	10.365	167	1250696	44.660	ug/ml	97
92)	Di-n-butylphthalate	10.741	149	1479362	49.384	ug/ml	100
93)	Fluoranthene	11.299	202	1569783	45.085	ug/ml	96
94)	Benzidine	11.452	184	1092464	46.552	ug/ml	98
95)	Pyrene	11.517	202	1660673	44.076	ug/ml	99
97)	Butyl benzyl phthalate	12.263	149	704595	45.463	ug/ml	92
105)	Benzo(a)anthracene	12.845	228	1699492	48.113	ug/ml	99
106)	3,3'-Dichlorobenzidine	12.845	252	684935	54.293	ug/ml#	97
107)	Chrysene	12.886	228	1560952	48.102	ug/ml	99
108)	Bis(2-ethylhexyl)phtha...	12.968	149	1043723	58.160	ug/ml#	93
109)	Di-n-octylphthalate	13.773	149	1832666	61.526	ug/ml	96
110)	Benzo(b)fluoranthene	14.137	252	1736227	50.764	ug/ml	97
111)	Benzo(k)fluoranthene	14.173	252	1545125	45.007	ug/ml	97
112)	Benzo(a)pyrene	14.519	252	1574766	48.631	ug/ml	97
114)	Indeno(1,2,3-cd)pyrene	15.788	276	1608204M6	49.647	ug/mL	
115)	Dibenzo(a,h)anthracene	15.812	278	1471121	44.640	ug/ml	97
116)	Benzo(ghi)perylene	16.064	276	1473288	46.873	ug/ml	95

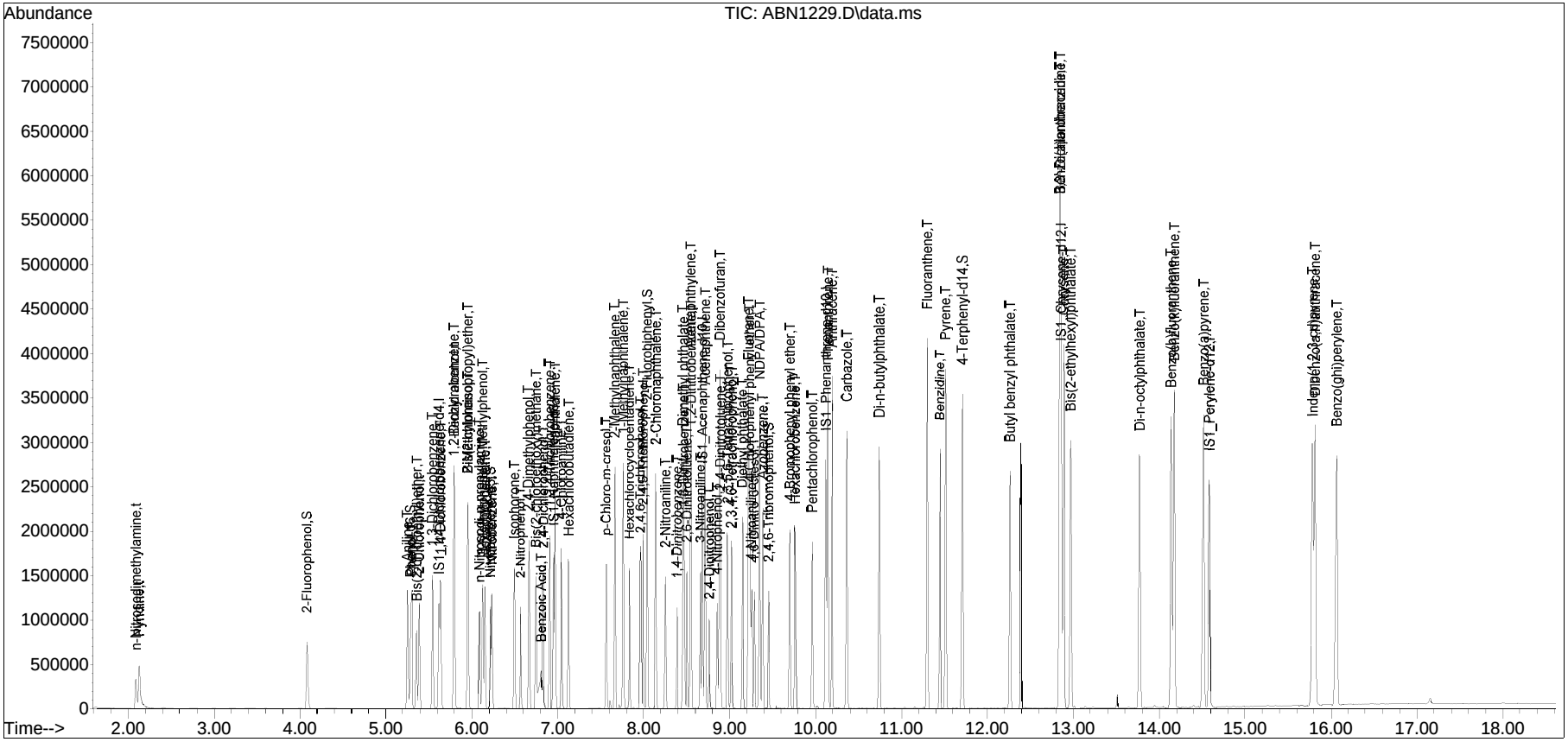
(#) = qualifier out of range (m) = manual integration (+) = signals summed

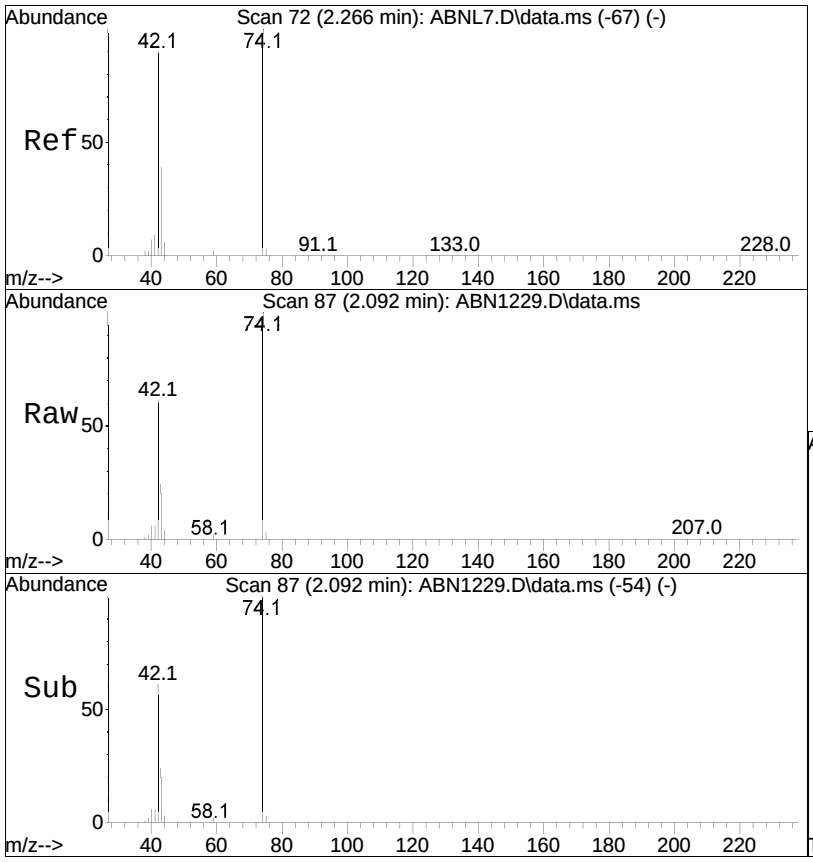
Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\251229\
Data File : ABN1229.D
Acq On : 29 Dec 2025 8:58 am
Operator : GCMS5:smz
Sample : wg2159627-3,32,,ABN 12168 gmr1227A
Misc : wg2159627,,ical22516
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Dec 29 09:26:21 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 09:58:21 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

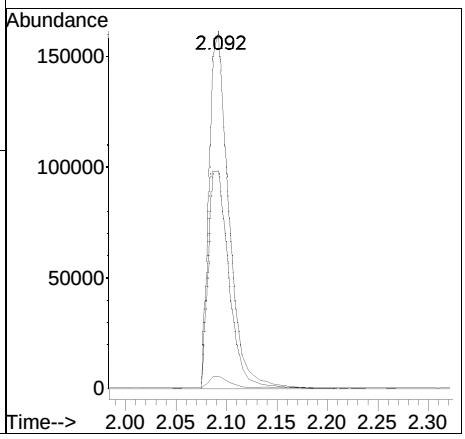


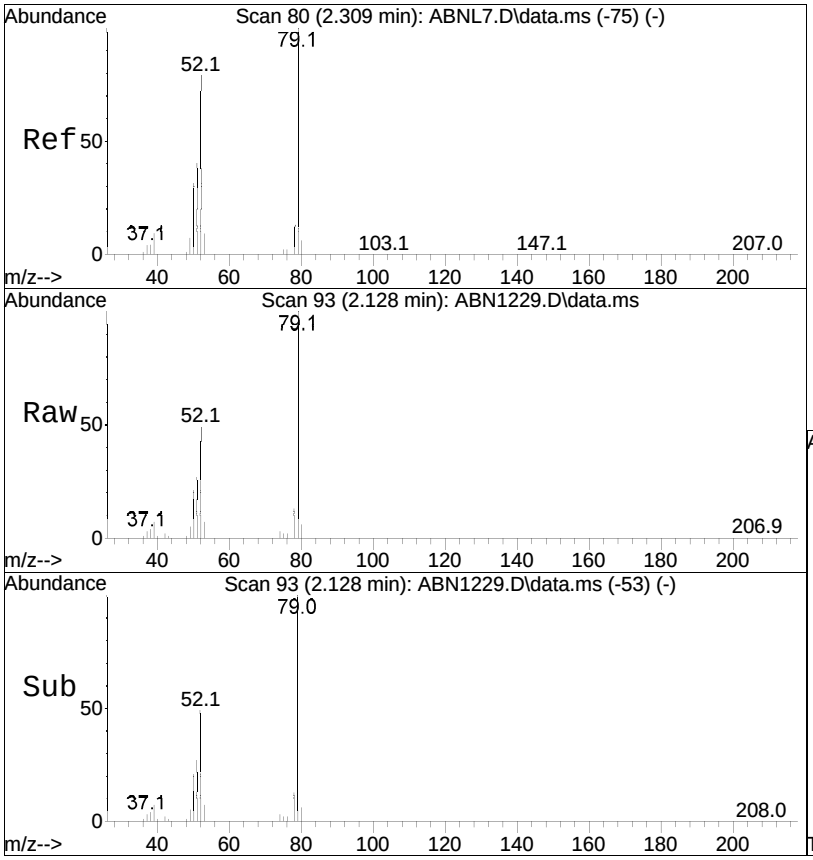


#2
n-Nitrosodimethylamine
Concen: 56.10 ug/ml
RT: 2.092 min Scan# 87
Delta R.T. -0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion: 74 Resp: 216952

Ion	Ratio	Lower	Upper
74	100		
42	64.2	69.4	104.2#
44	3.3	3.5	5.3#

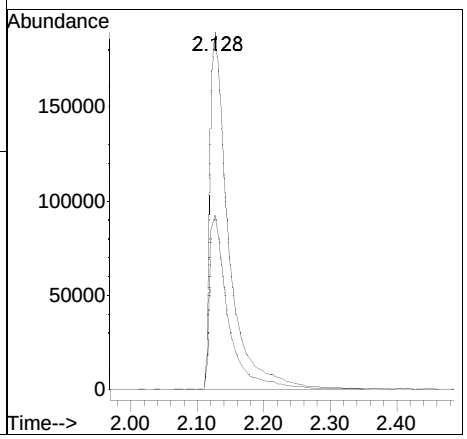


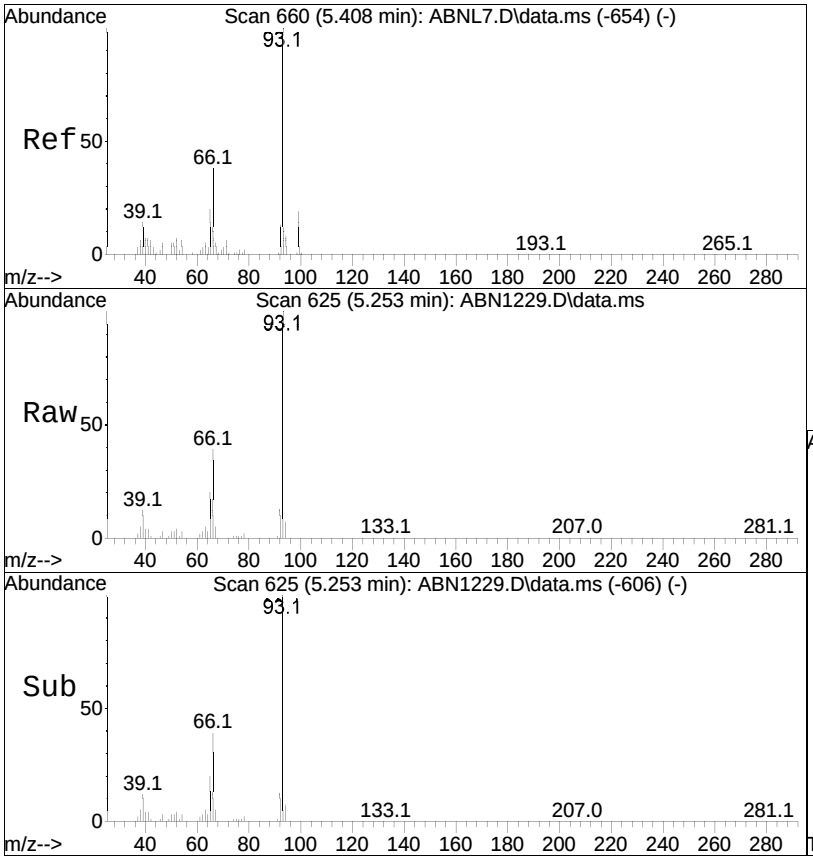


#3
Pyridine
Concen: 54.69 ug/ml
RT: 2.128 min Scan# 93
Delta R.T. -0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion: 79 Resp: 367610

Ion	Ratio	Lower	Upper
79	100		
52	48.9	56.6	85.0#

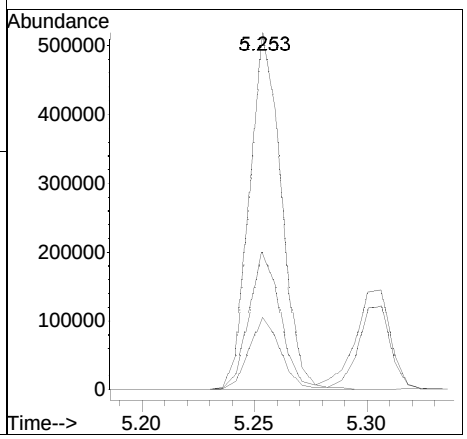


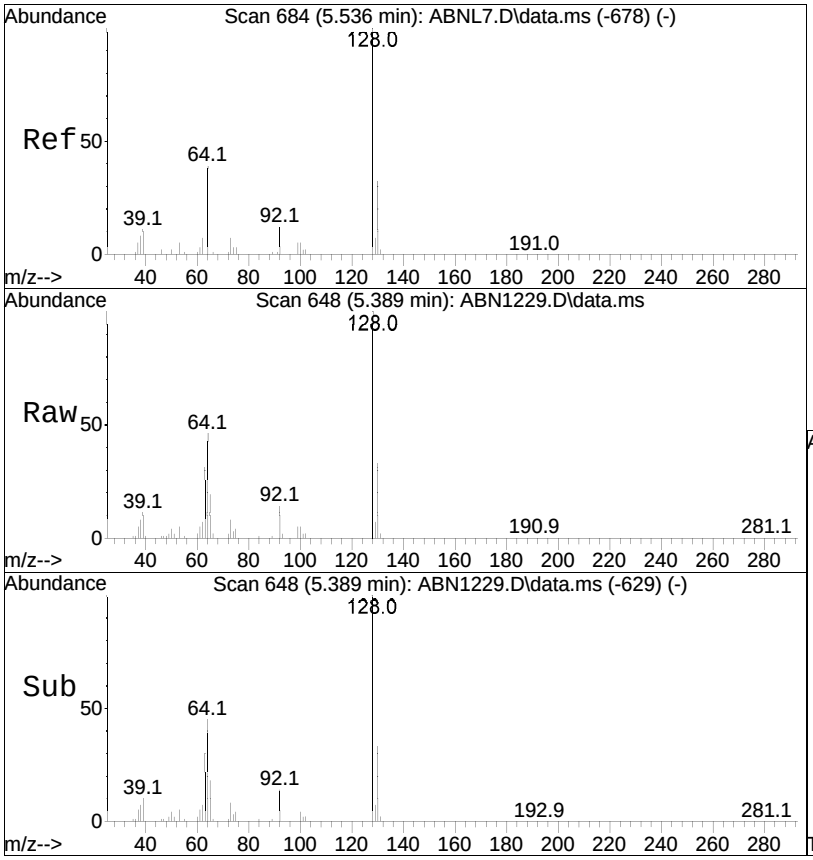


#5
Aniline
Concen: 50.05 ug/ml
RT: 5.253 min Scan# 625
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion: 93 Resp: 506225

Ion	Ratio	Lower	Upper
93	100		
66	38.4	53.5	80.3#
65	20.0	34.4	51.6#

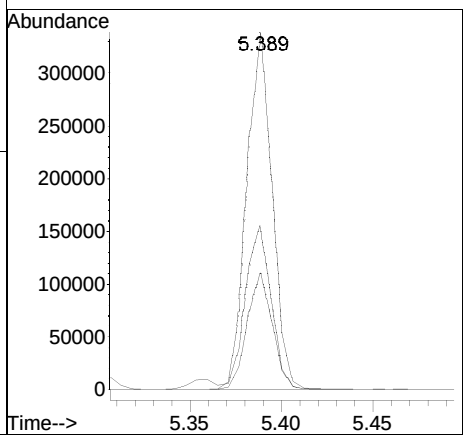


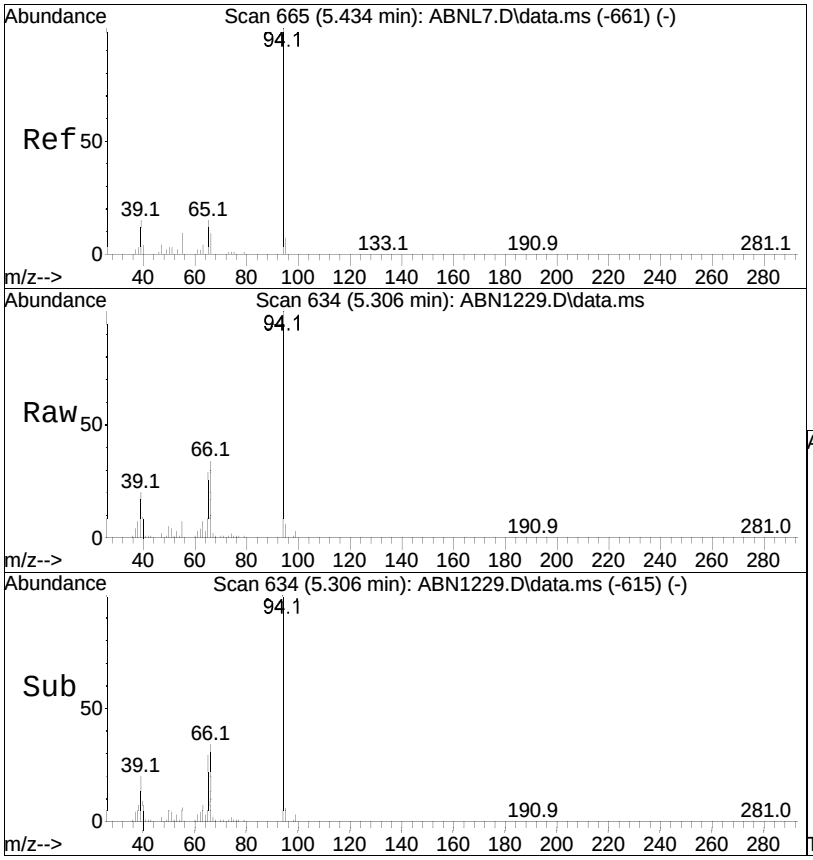


#6
2-Chlorophenol
Concen: 46.76 ug/ml
RT: 5.389 min Scan# 648
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:128 Resp: 325545

Ion	Ratio	Lower	Upper
128	100		
64	46.6	33.5	50.3
130	32.5	25.9	38.9

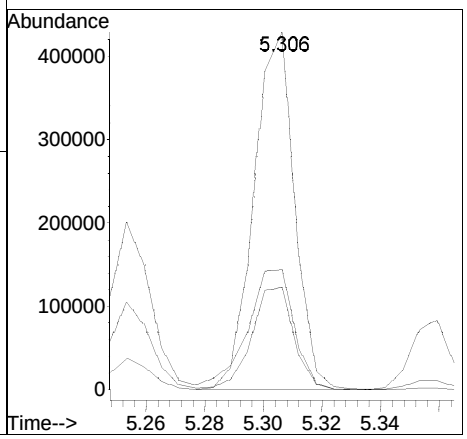


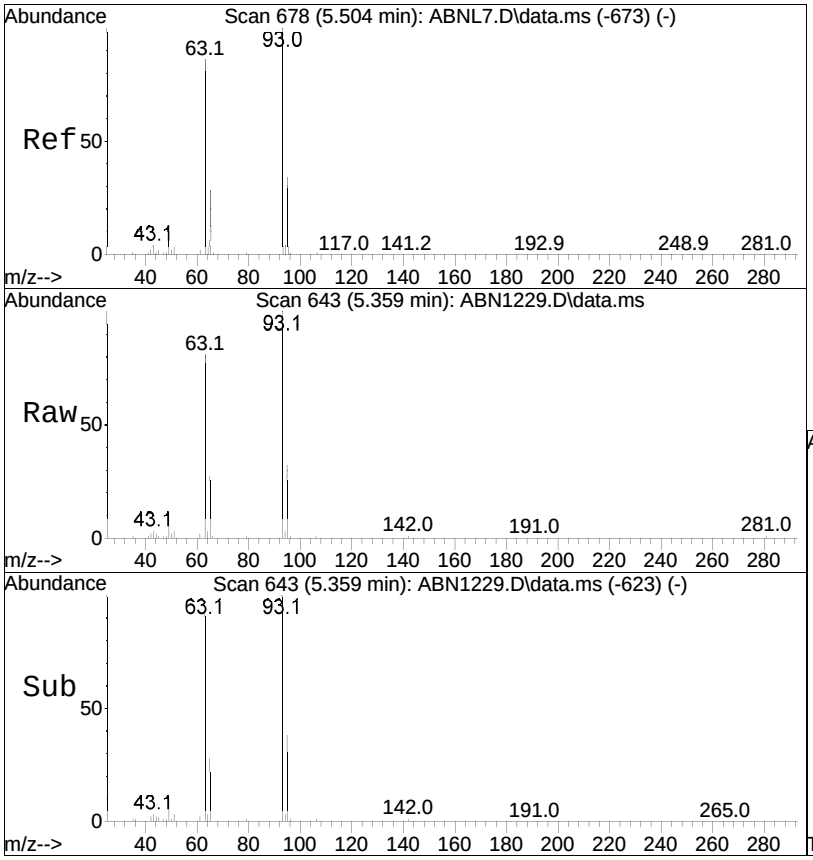


#8
Phenol
Concen: 49.95 ug/ml
RT: 5.306 min Scan# 634
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion: 94 Resp: 411941

Ion	Ratio	Lower	Upper
94	100		
65	30.0	38.8	58.2#
66	39.2	60.3	90.5#

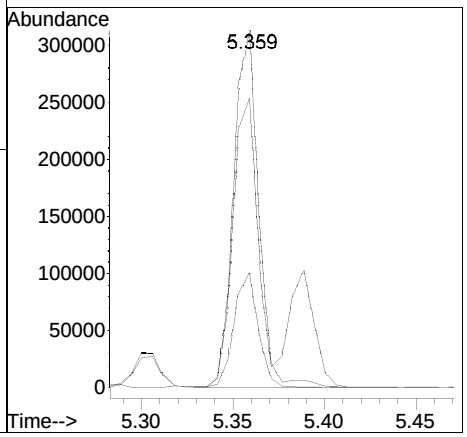


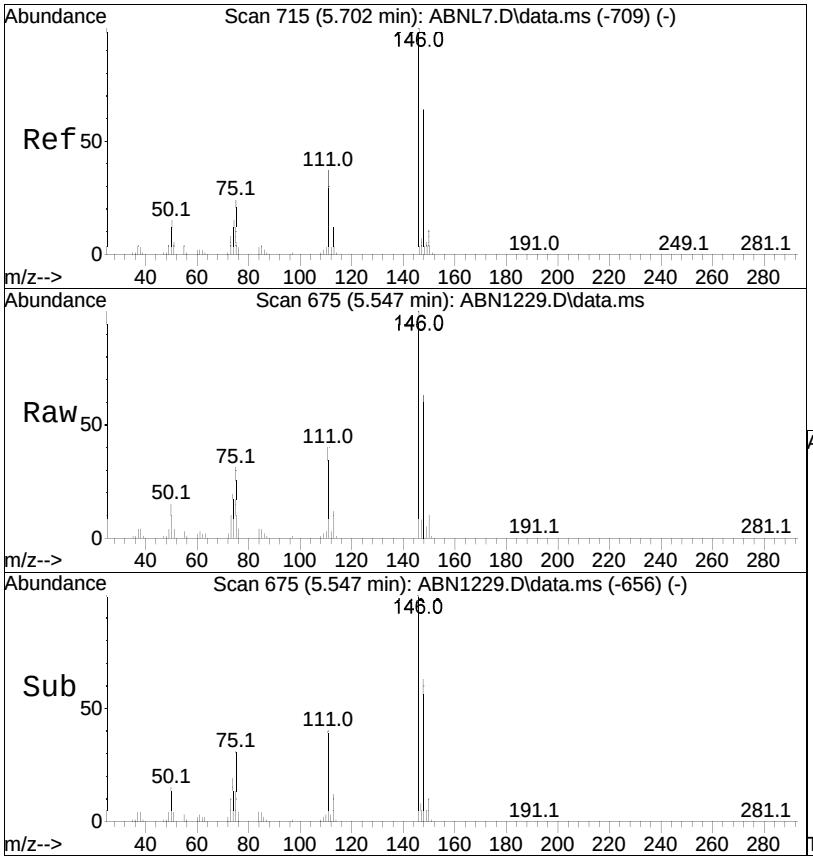


#9
Bis(2-chloroethyl)ether
Concen: 48.66 ug/ml
RT: 5.359 min Scan# 643
Delta R.T. -0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion: 93 Resp: 294220

Ion	Ratio	Lower	Upper
93	100		
63	81.0	63.0	94.6
95	31.4	26.3	39.5

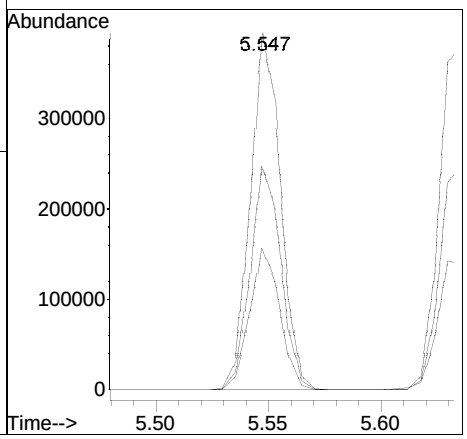


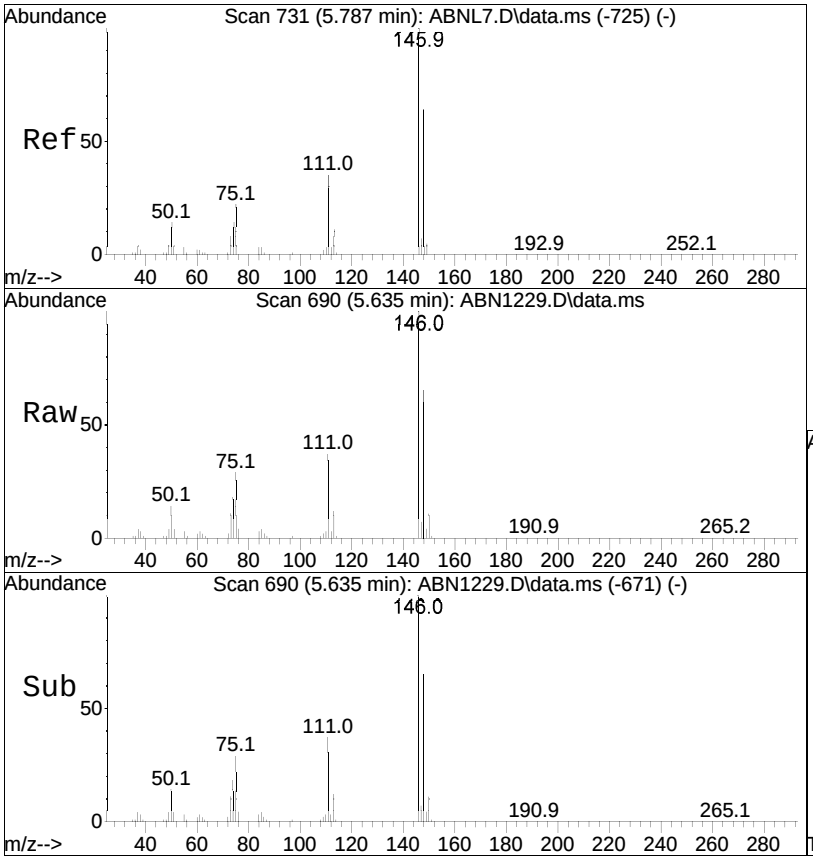


#10
1,3-Dichlorobenzene
Concen: 45.28 ug/ml
RT: 5.547 min Scan# 675
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:146 Resp: 368578

Ion	Ratio	Lower	Upper
146	100		
111	39.4	30.0	45.0
148	63.3	52.6	78.8

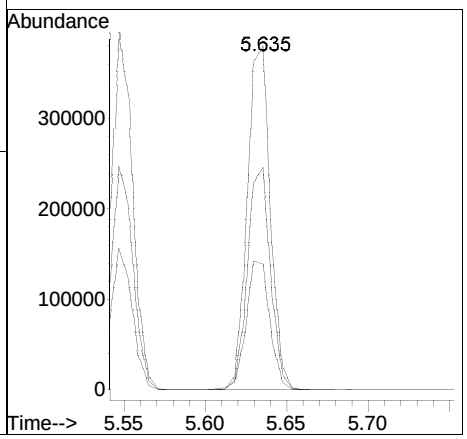


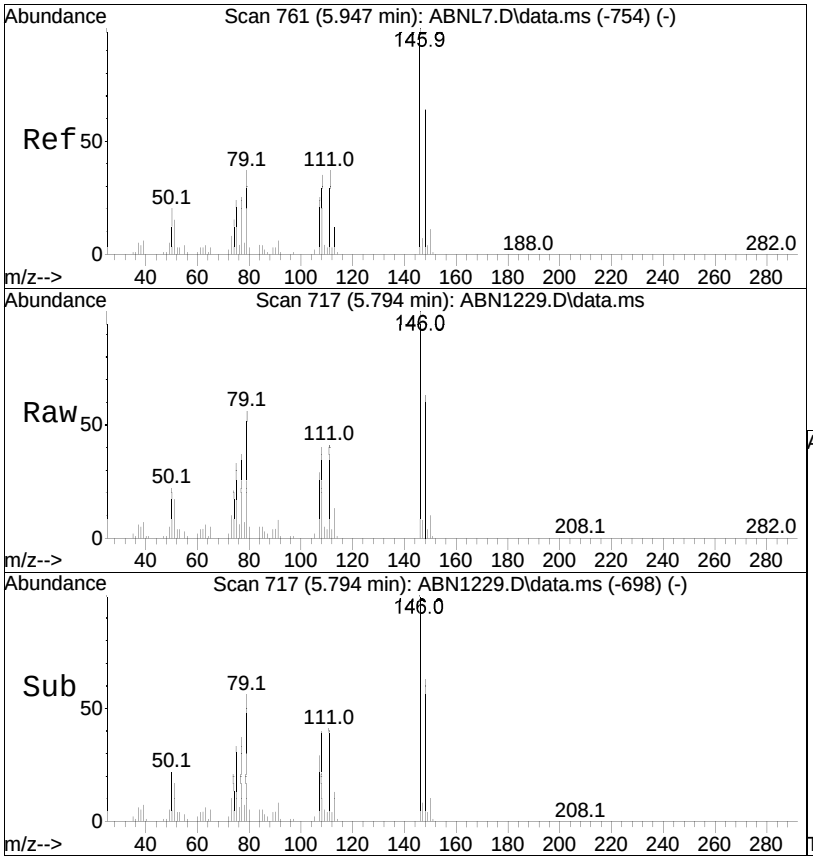


#11
1,4-Dichlorobenzene
Concen: 43.87 ug/ml
RT: 5.635 min Scan# 690
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:146 Resp: 374207

Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.3	78.5
111	38.6	29.2	43.8

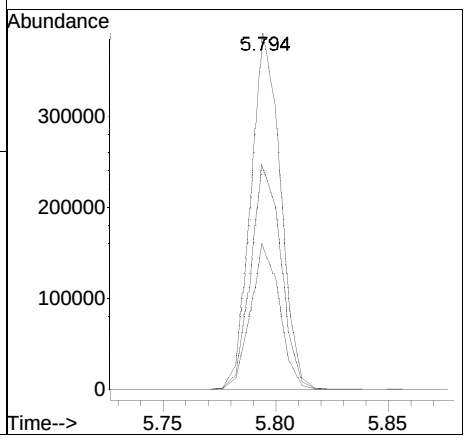


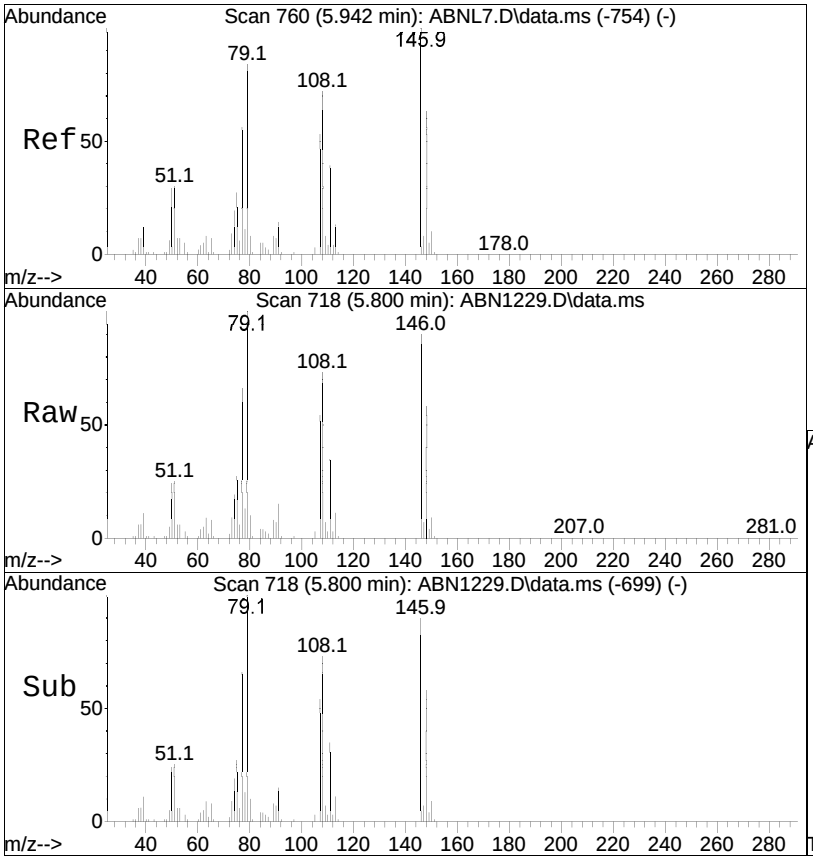


#12
1,2-Dichlorobenzene
Concen: 43.48 ug/ml
RT: 5.794 min Scan# 717
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:146 Resp: 356847

Ion	Ratio	Lower	Upper
146	100		
111	40.2	30.3	45.5
148	64.0	51.8	77.8

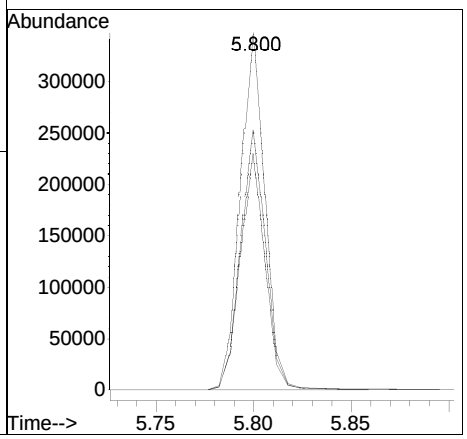


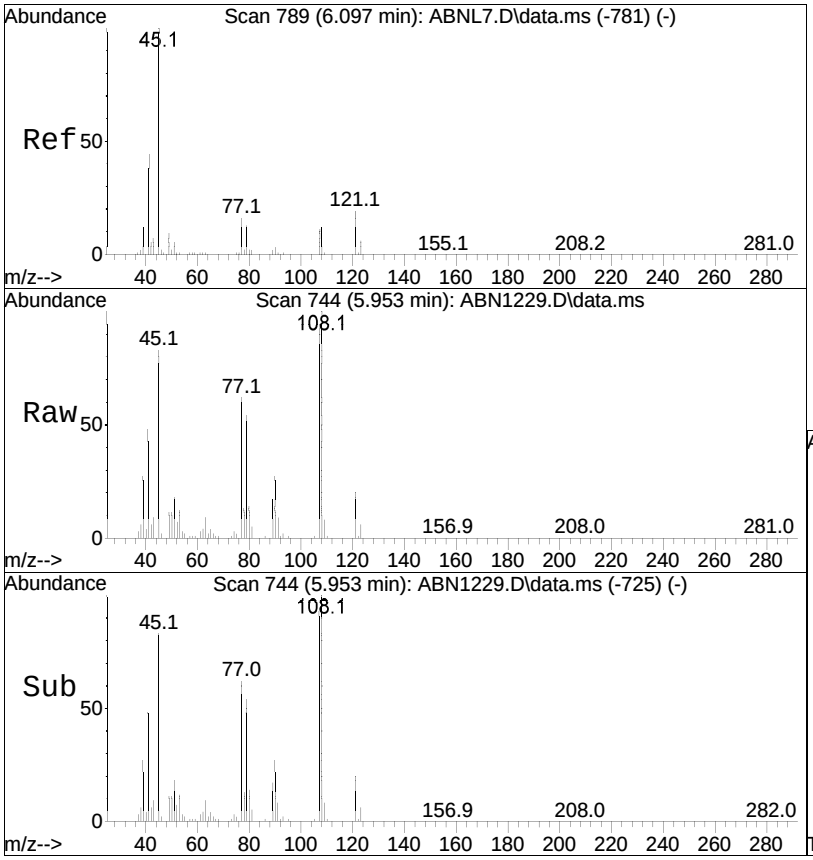


#13
Benzyl alcohol
Concen: 54.43 ug/ml
RT: 5.800 min Scan# 718
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion: 79 Resp: 306404

Ion	Ratio	Lower	Upper
79	100		
77	66.9	54.6	81.8
108	74.1	65.1	97.7

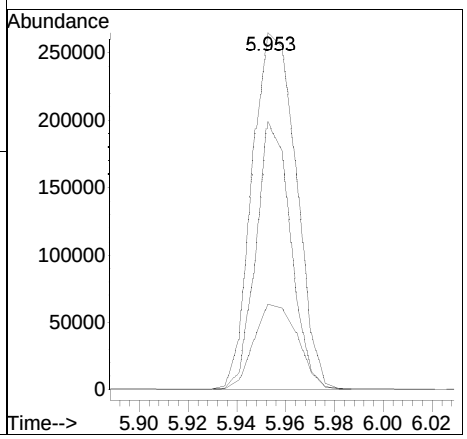


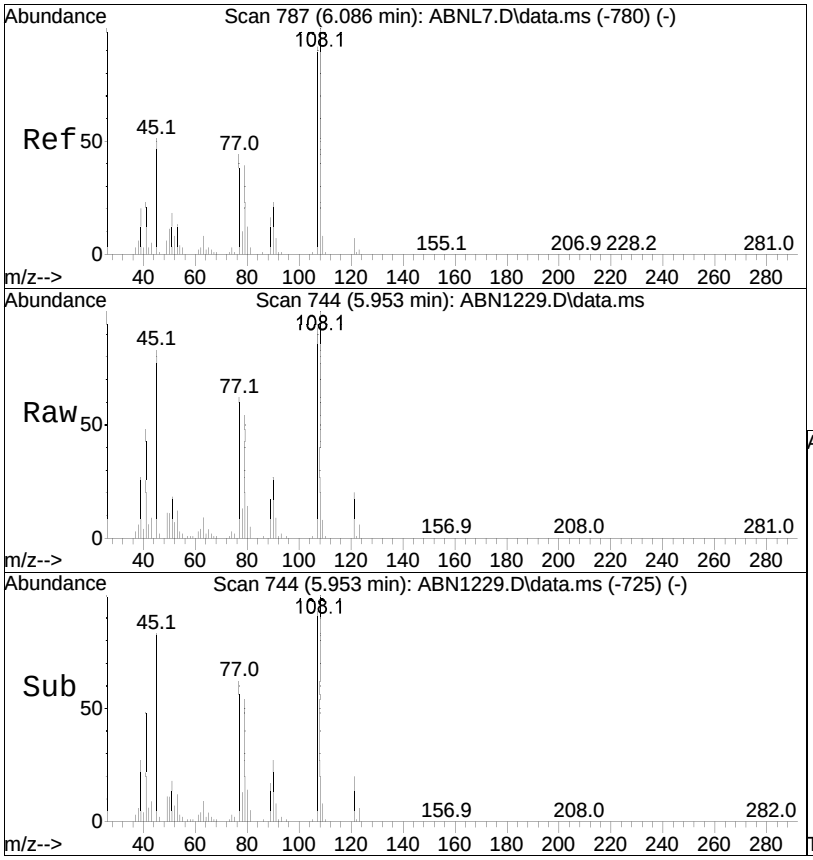


#14
Bis(2-chloroisopropyl)ether
Concen: 33.34 ug/ml
RT: 5.953 min Scan# 744
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion: 45 Resp: 332619

Ion	Ratio	Lower	Upper
45	100		
121	23.8	16.0	24.0
77	59.8	32.1	48.1#

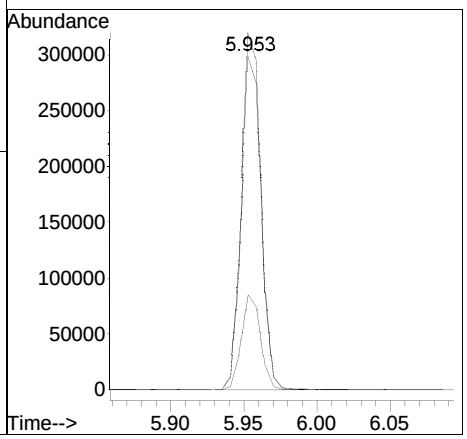


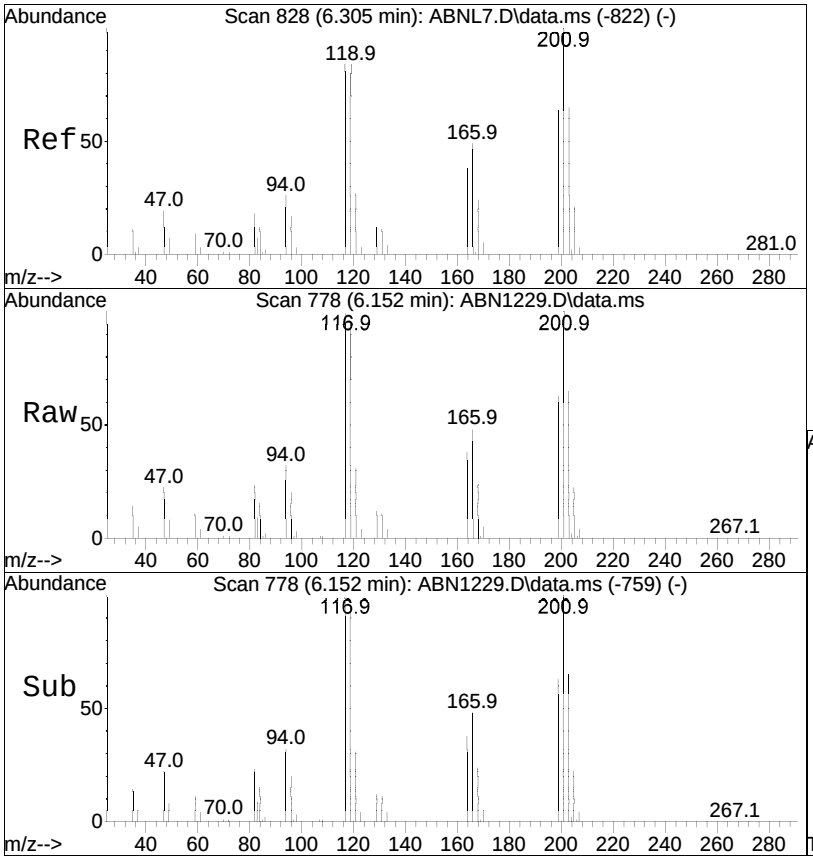


#15
2-Methylphenol
Concen: 48.85 ug/ml
RT: 5.953 min Scan# 744
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:108 Resp: 300292

Ion	Ratio	Lower	Upper
108	100		
107	92.6	70.3	105.5
90	25.7	18.7	28.1

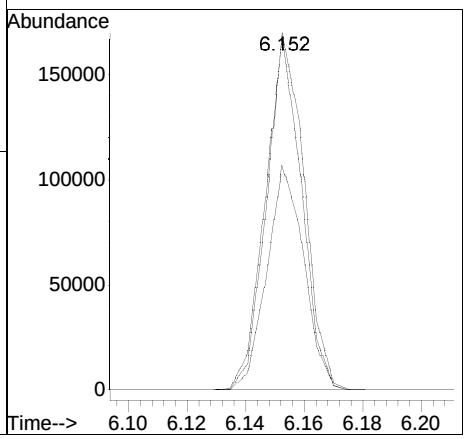


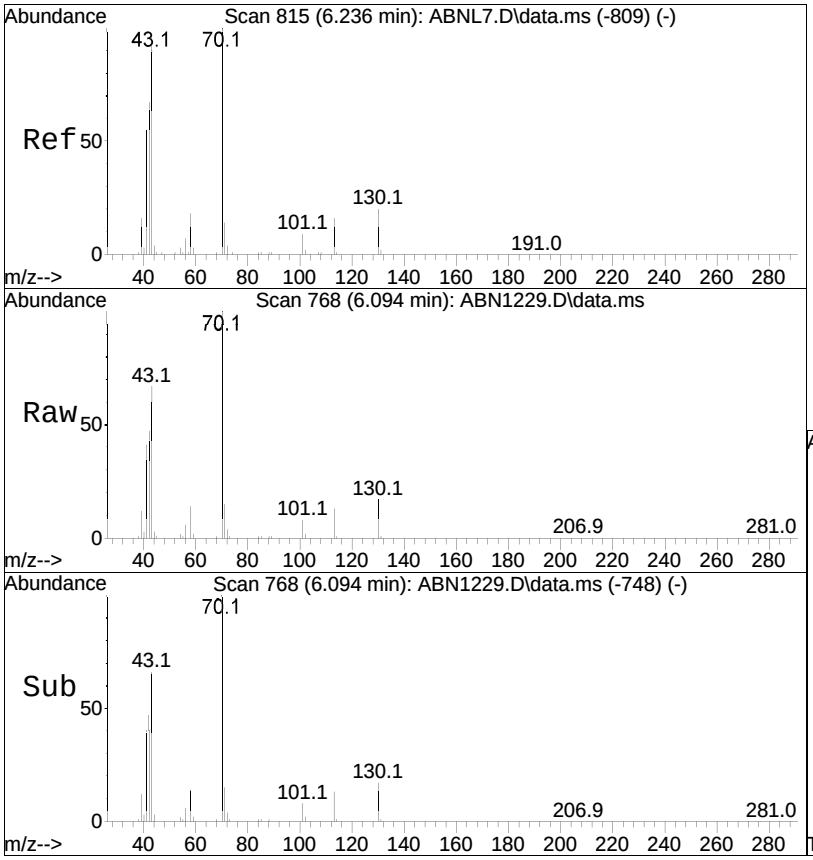


#16
Hexachloroethane
Concen: 47.59 ug/ml
RT: 6.152 min Scan# 778
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:117 Resp: 144244

Ion	Ratio	Lower	Upper
117	100		
201	104.4	73.4	110.0
199	65.1	45.9	68.9

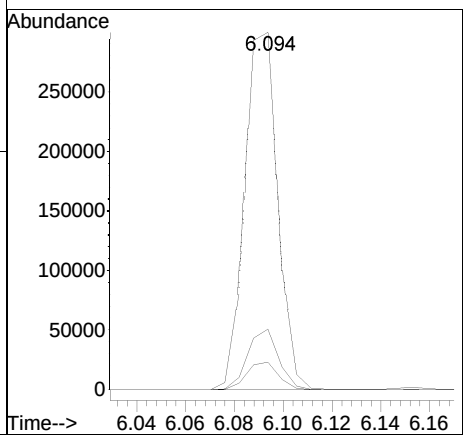


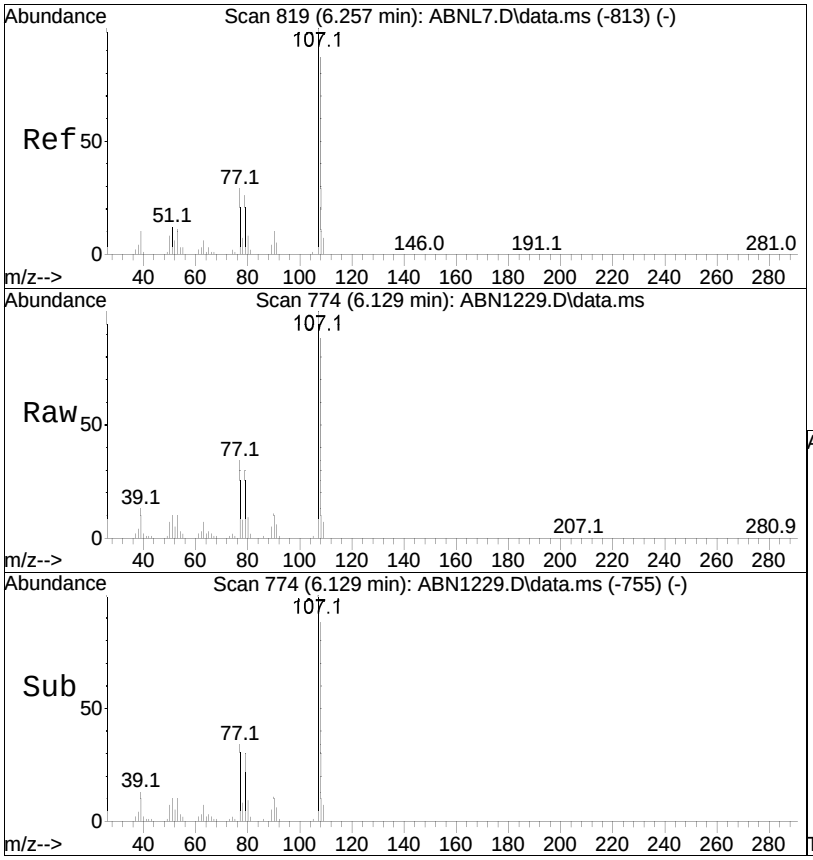


#17
n-Nitrosodi-n-propylamine
Concen: 56.87 ug/ml
RT: 6.094 min Scan# 768
Delta R.T. -0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion: 70 Resp: 281204

Ion	Ratio	Lower	Upper
70	100		
130	15.8	17.1	25.7#
101	7.4	7.0	10.4

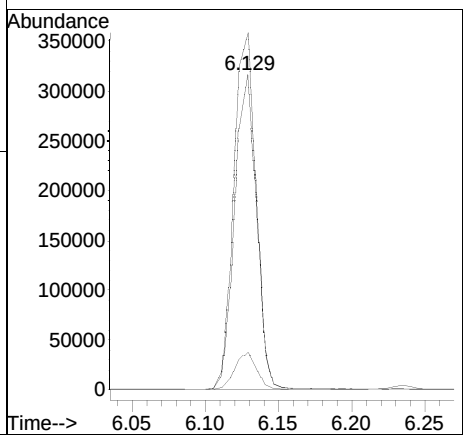


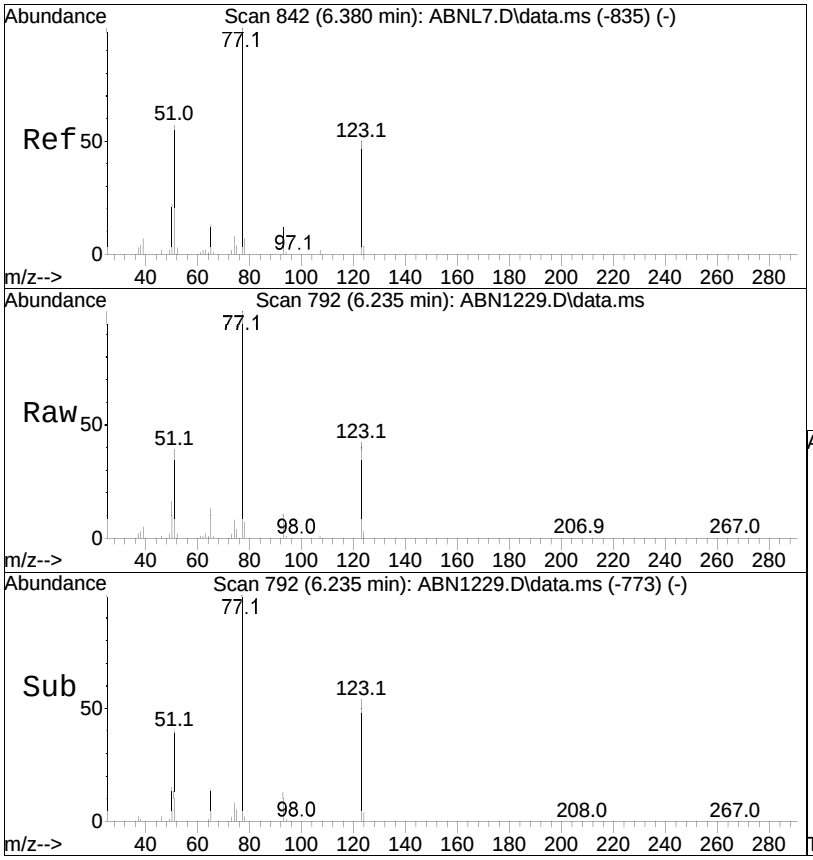


#18
3-Methylphenol/4-Methylphenol
Concen: 50.00 ug/ml
RT: 6.129 min Scan# 774
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:108 Resp: 330374

Ion	Ratio	Lower	Upper
108	100		
107	115.8	88.2	132.2
90	11.7	8.5	12.7

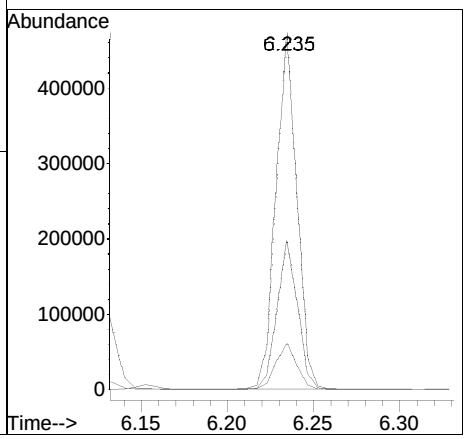


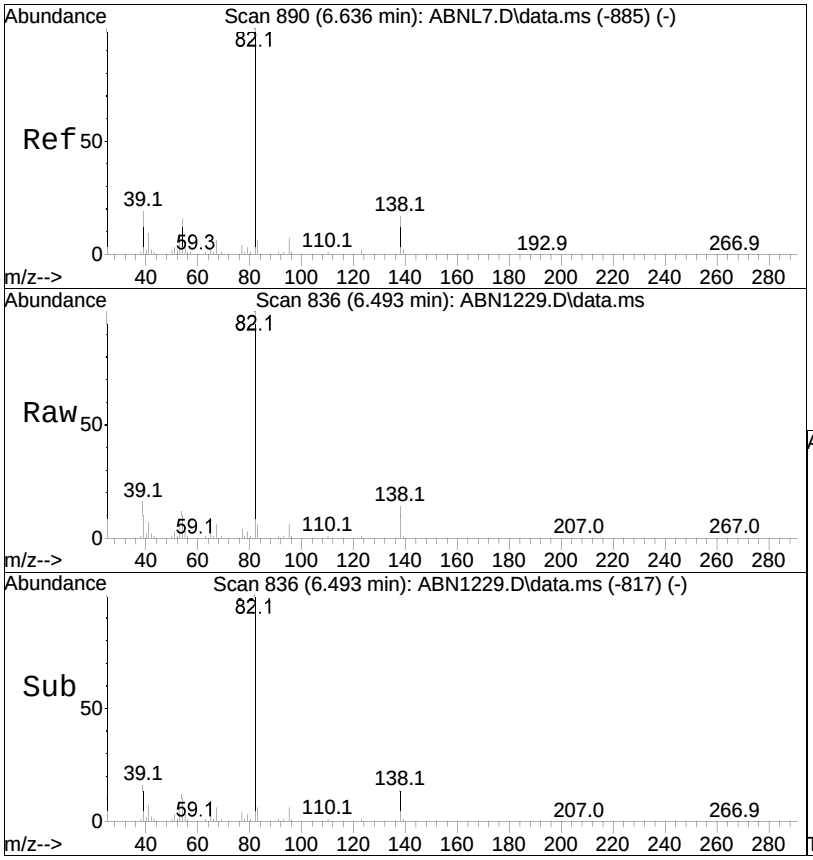


#20
Nitrobenzene
Concen: 55.12 ug/ml
RT: 6.235 min Scan# 792
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion: 77 Resp: 393020

Ion	Ratio	Lower	Upper
77	100		
123	41.5	39.5	59.3
65	13.3	11.0	16.6

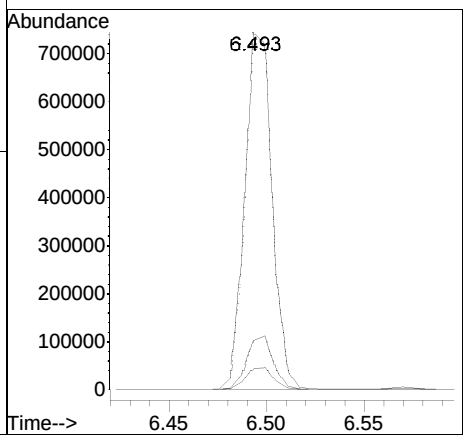


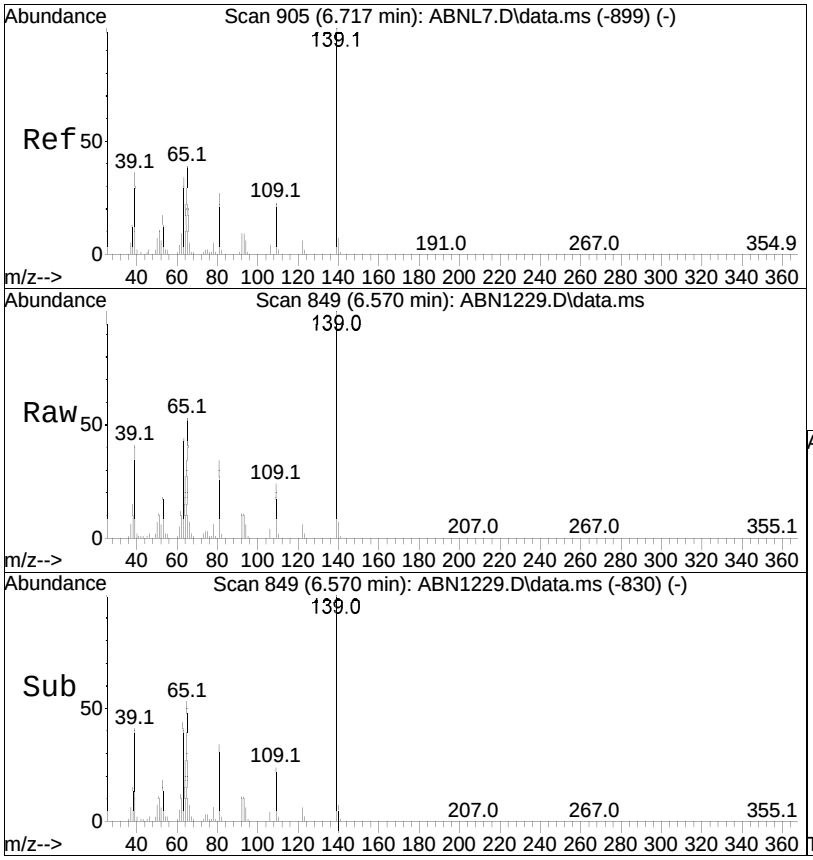


#21
Isophorone
Concen: 55.07 ug/ml
RT: 6.493 min Scan# 836
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion: 82 Resp: 715743

Ion	Ratio	Lower	Upper
82	100		
138	14.6	13.9	20.9
95	6.3	5.1	7.7

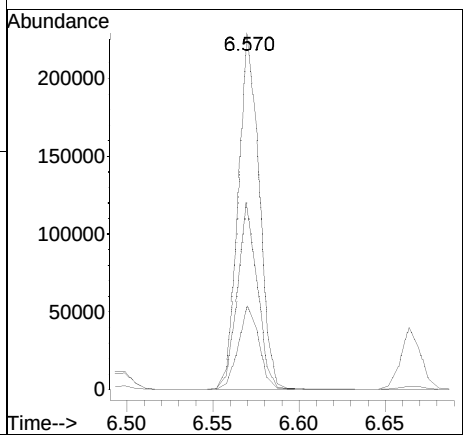


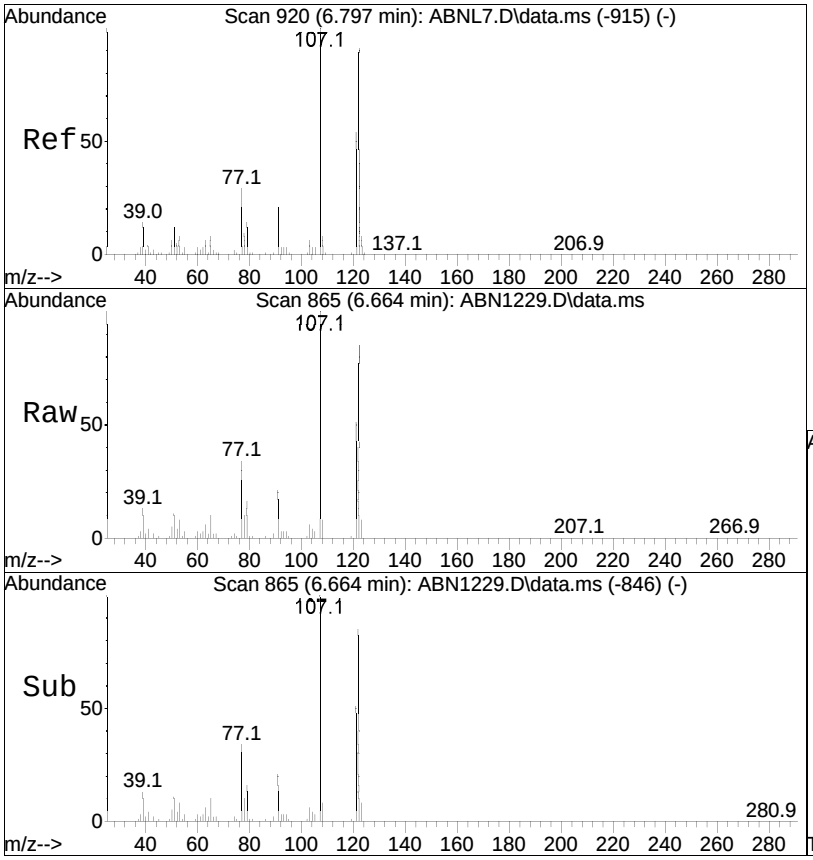


#22
2-Nitrophenol
Concen: 54.29 ug/ml
RT: 6.570 min Scan# 849
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:139 Resp: 192783

Ion	Ratio	Lower	Upper
139	100		
109	23.3	17.2	25.8
65	50.4	33.8	50.6

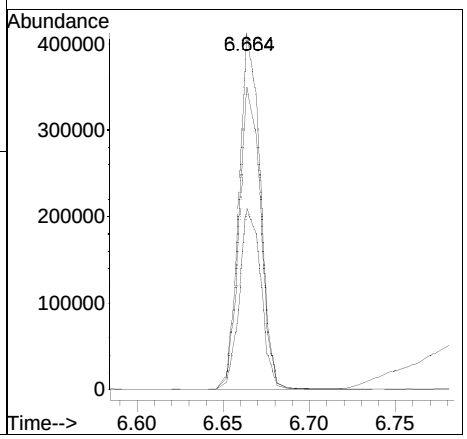


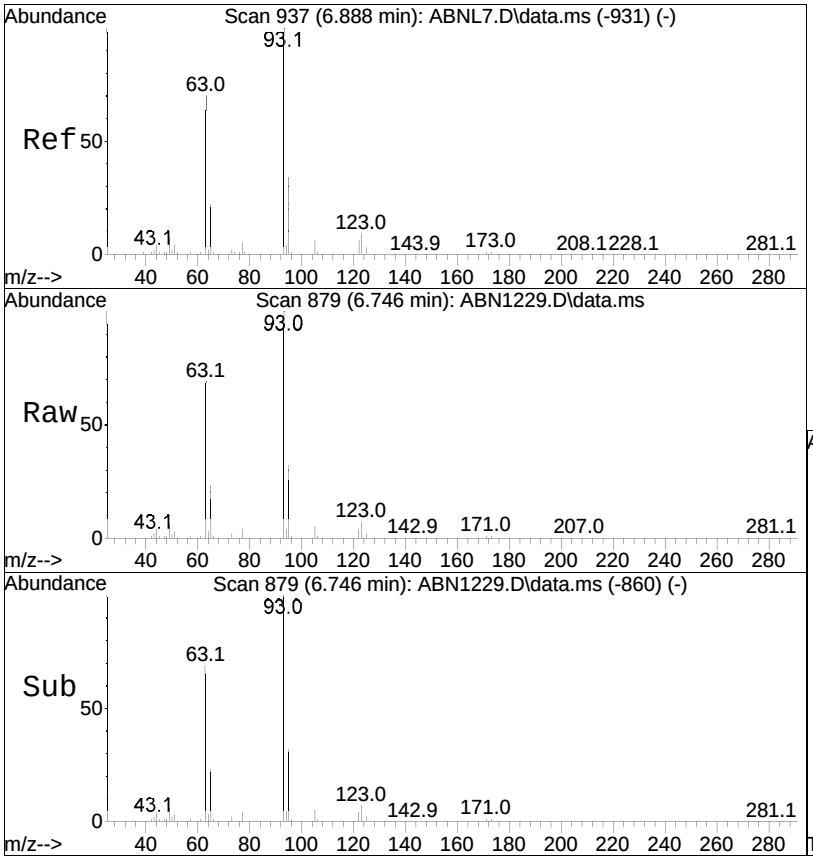


#23
2,4-Dimethylphenol
Concen: 51.48 ug/ml
RT: 6.664 min Scan# 865
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:107 Resp: 352420

Ion	Ratio	Lower	Upper
107	100		
121	51.9	41.2	61.8
122	85.7	72.5	108.7

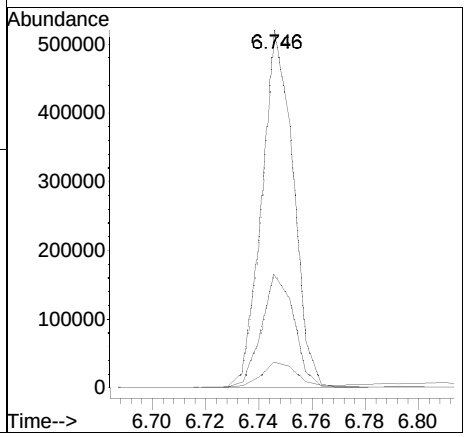


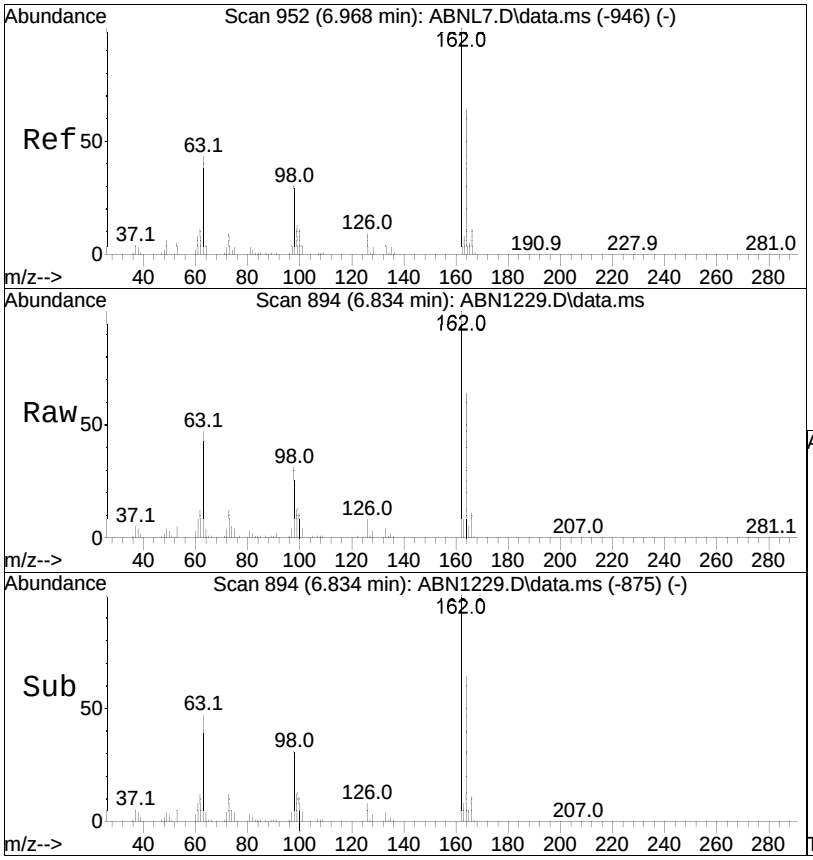


#24
Bis(2-chloroethoxy)methane
Concen: 51.19 ug/ml
RT: 6.746 min Scan# 879
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion: 93 Resp: 422561

Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.8	40.2
123	8.4	8.7	13.1#

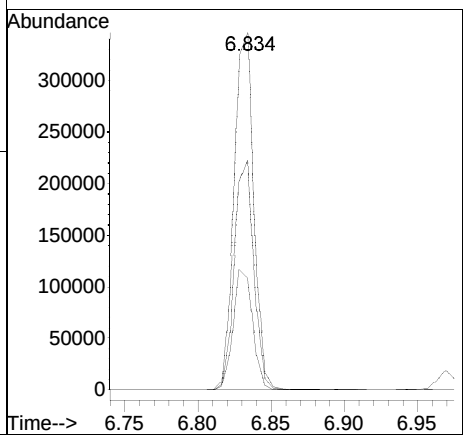


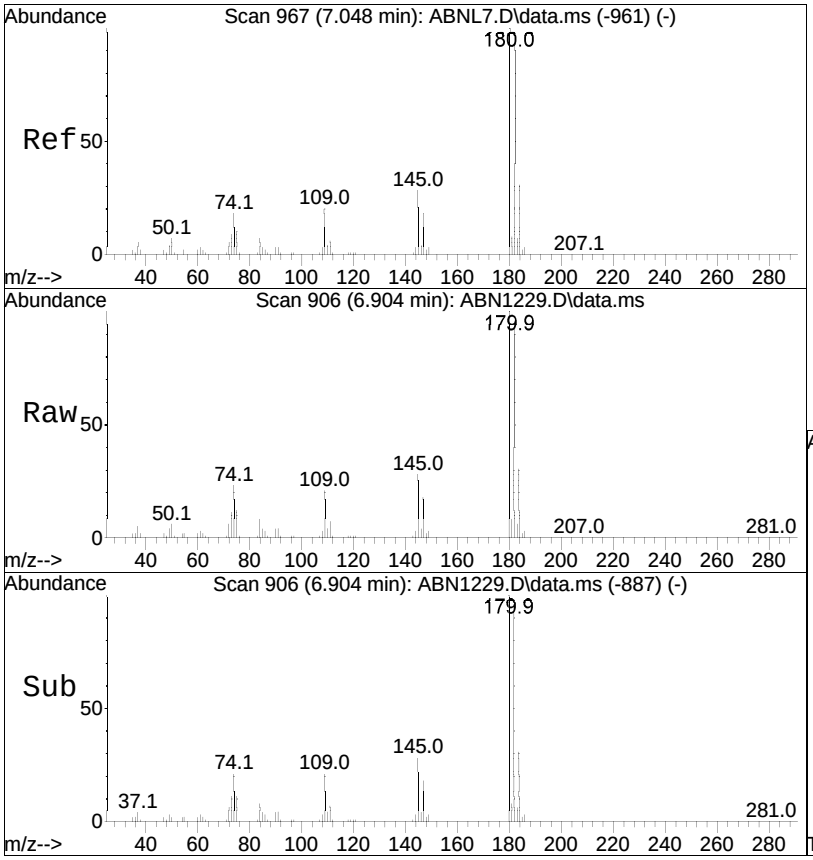


#25
2,4-Dichlorophenol
Concen: 48.85 ug/ml
RT: 6.834 min Scan# 894
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:162 Resp: 324175

Ion	Ratio	Lower	Upper
162	100		
164	63.5	51.8	77.8
98	33.6	25.0	37.4

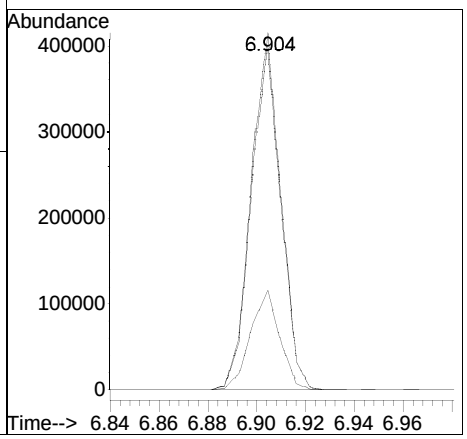


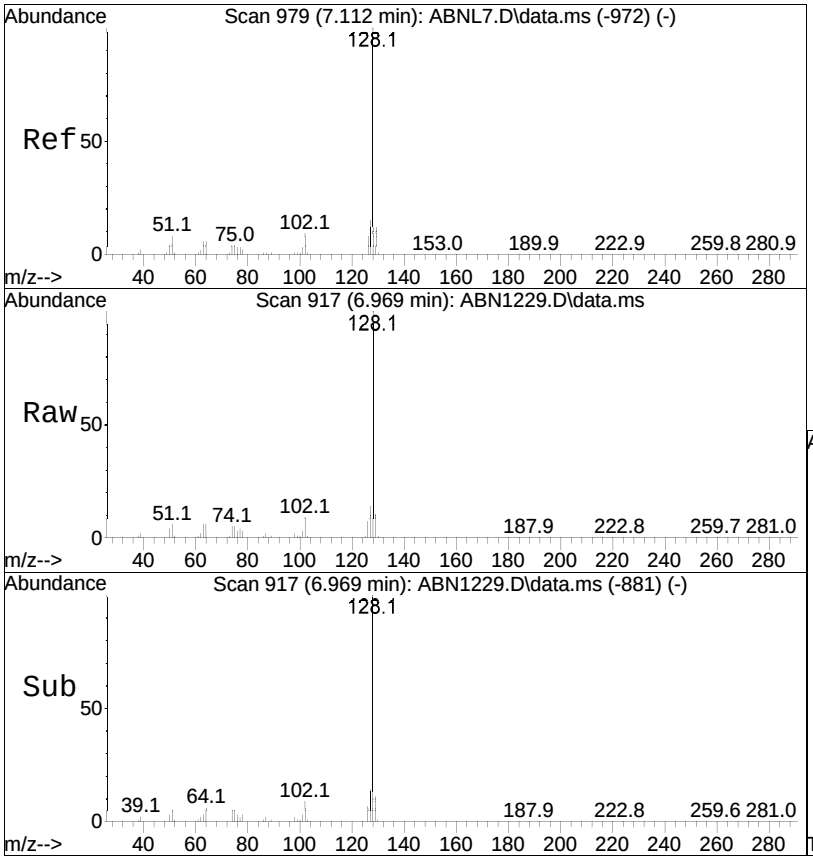


#26
1,2,4-Trichlorobenzene
Concen: 44.62 ug/ml
RT: 6.904 min Scan# 906
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:180 Resp: 350554

Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.5	116.3
145	27.4	22.2	33.2

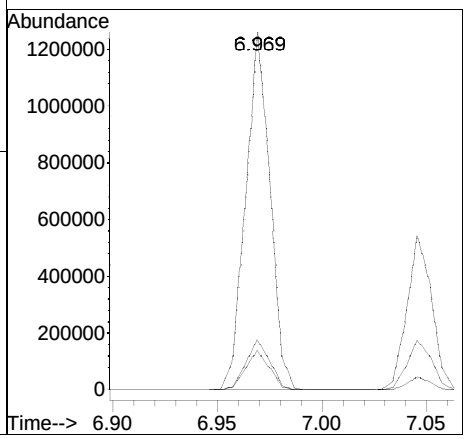


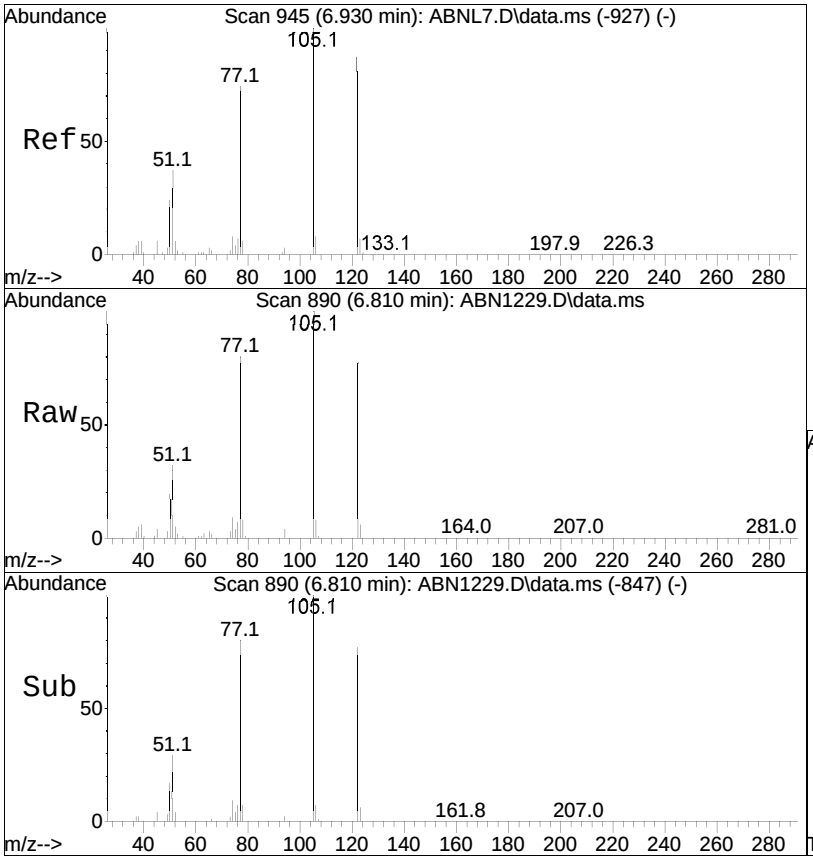


#36
Naphthalene
Concen: 45.39 ug/ml
RT: 6.969 min Scan# 917
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:128 Resp: 1013164

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	14.0	11.3	16.9

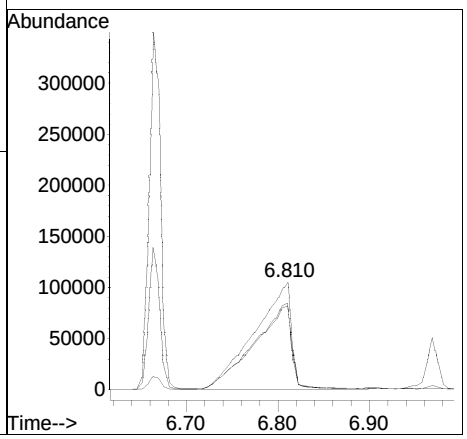


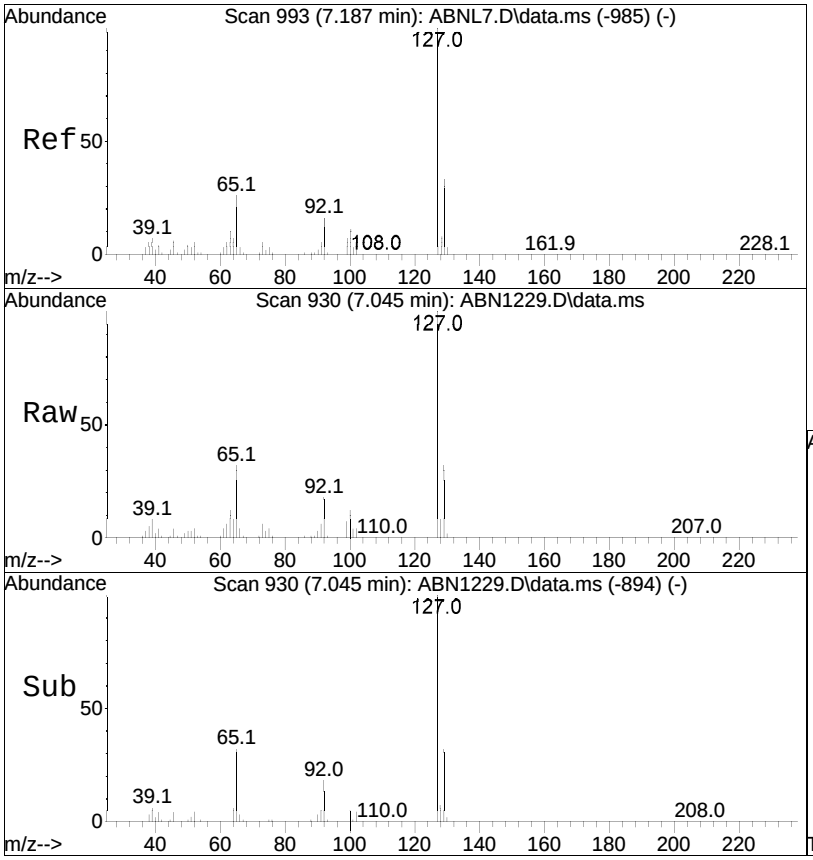


#37
Benzoic Acid
Concen: 55.46 ug/ml
RT: 6.810 min Scan# 890
Delta R.T. -0.000 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:105 Resp: 299248

Ion	Ratio	Lower	Upper
105	100		
122	79.5	2158.8	3238.2#
77	80.8	747.4	1121.0#

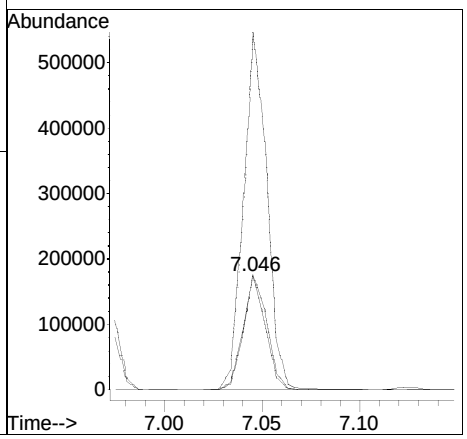


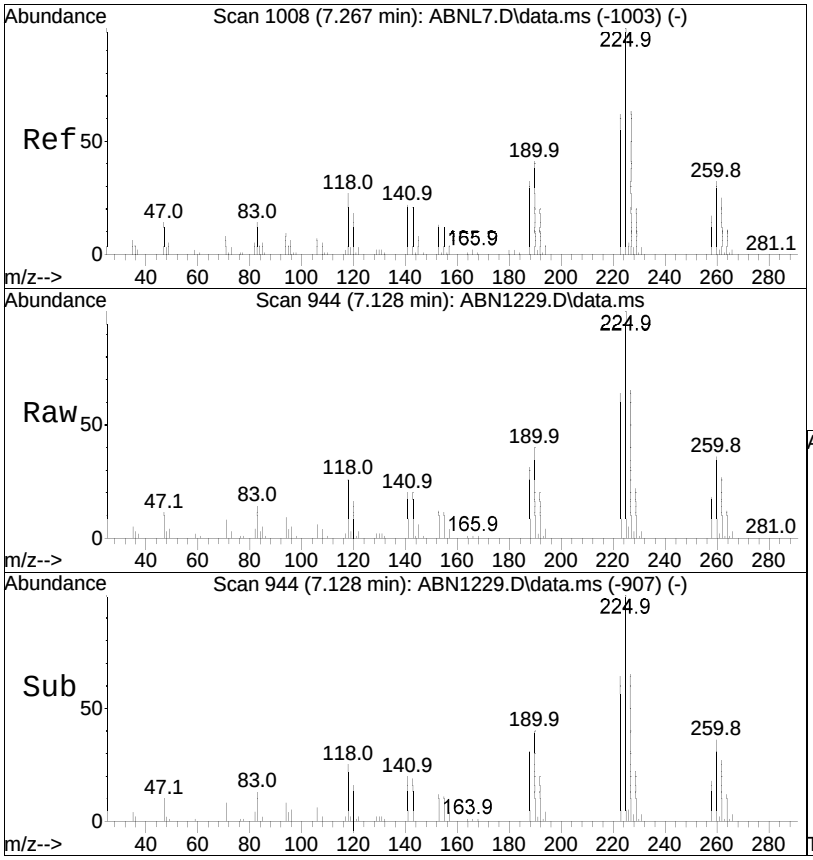


#38
4-Chloroaniline
Concen: 50.09 ug/ml
RT: 7.045 min Scan# 930
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion: 65 Resp: 139368

Ion	Ratio	Lower	Upper
65	100		
127	323.7	302.2	453.2
129	104.7	97.8	146.8

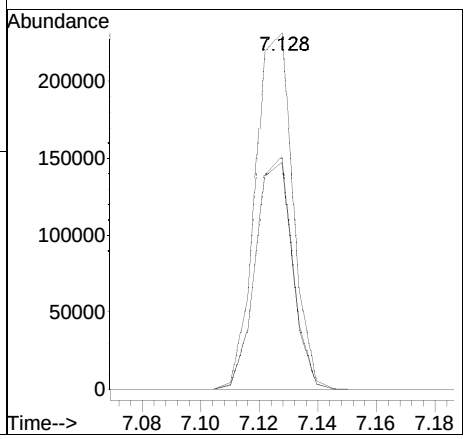


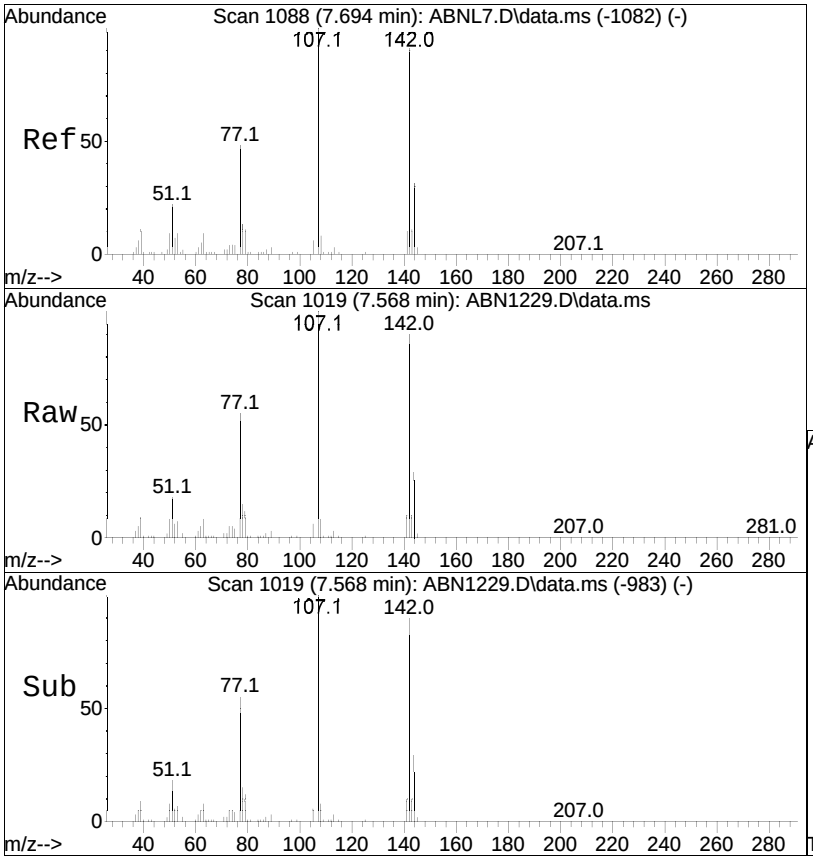


#39
Hexachlorobutadiene
Concen: 43.33 ug/ml
RT: 7.128 min Scan# 944
Delta R.T. -0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:225 Resp: 205860

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.0	75.0
227	64.4	51.8	77.6

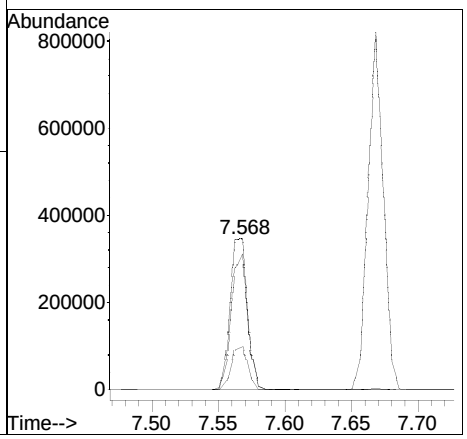


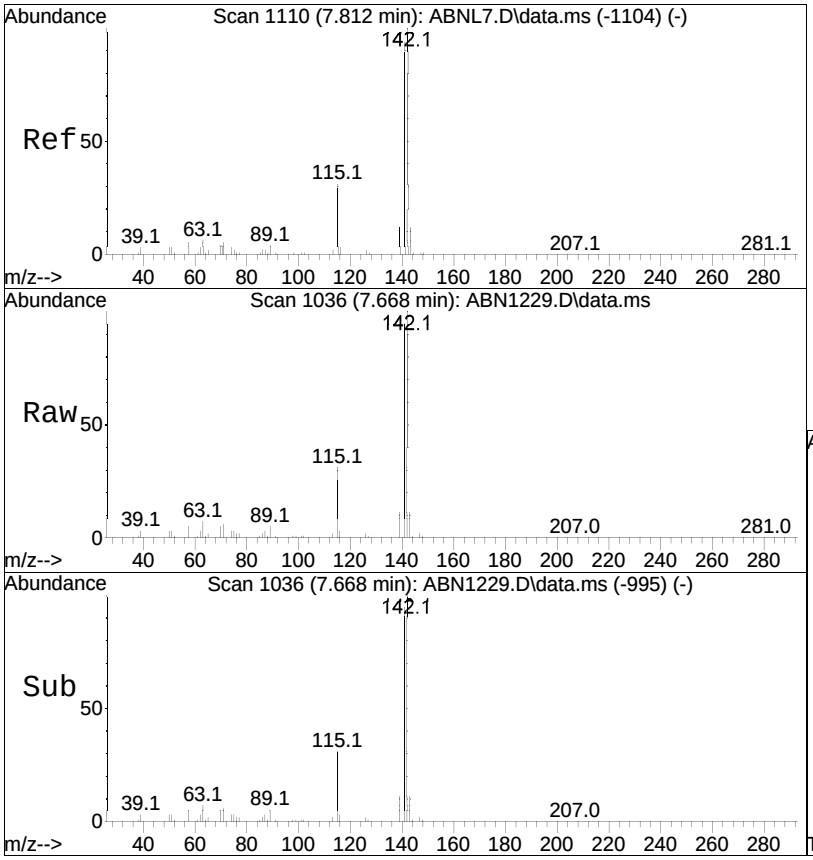


#40
p-Chloro-m-cresol
Concen: 52.35 ug/ml
RT: 7.568 min Scan# 1019
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:107 Resp: 318515

Ion	Ratio	Lower	Upper
107	100		
144	27.5	23.3	34.9
142	84.5	72.7	109.1

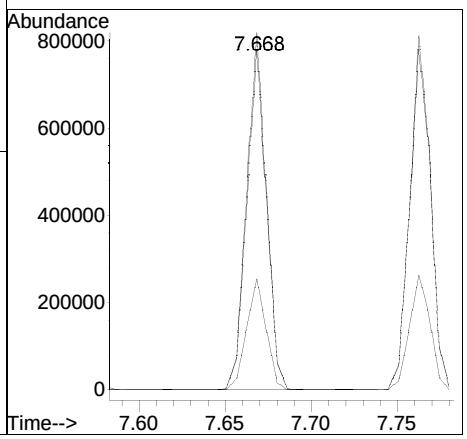


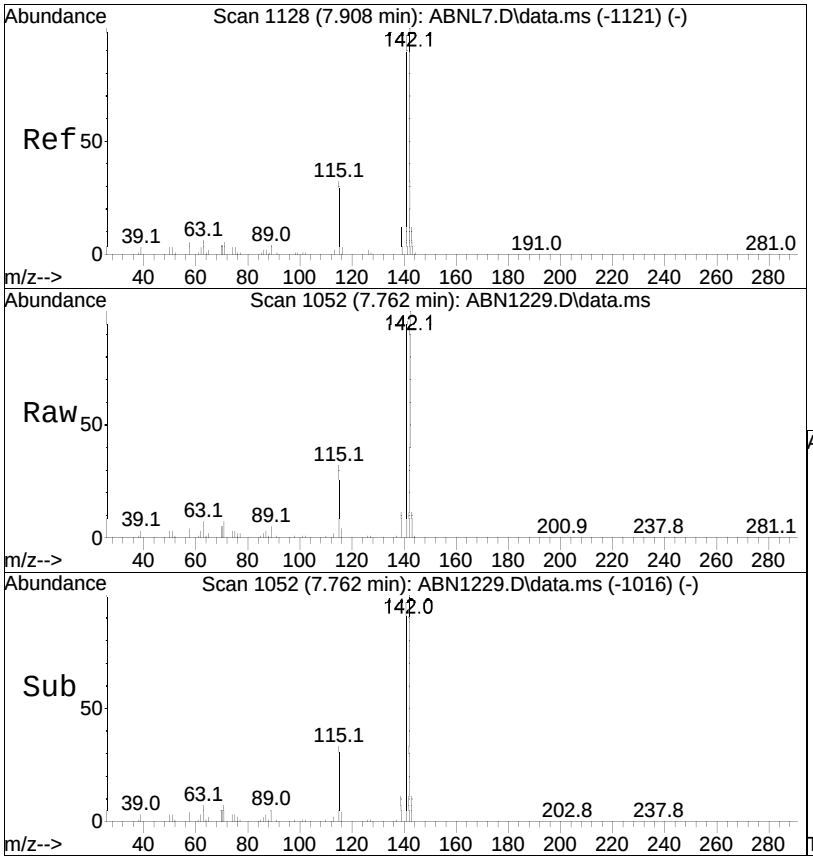


#41
2-Methylnaphthalene
Concen: 47.09 ug/ml
RT: 7.668 min Scan# 1036
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:142 Resp: 654304

Ion	Ratio	Lower	Upper
142	100		
141	95.0	69.5	104.3
115	30.9	25.4	38.2

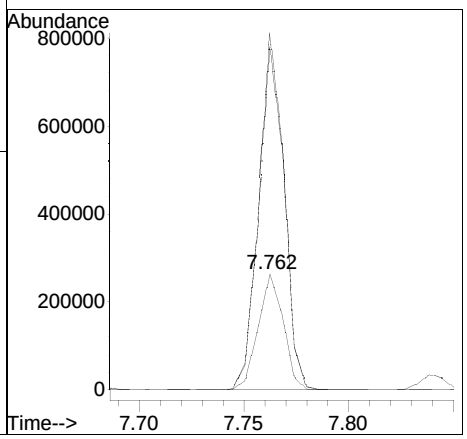


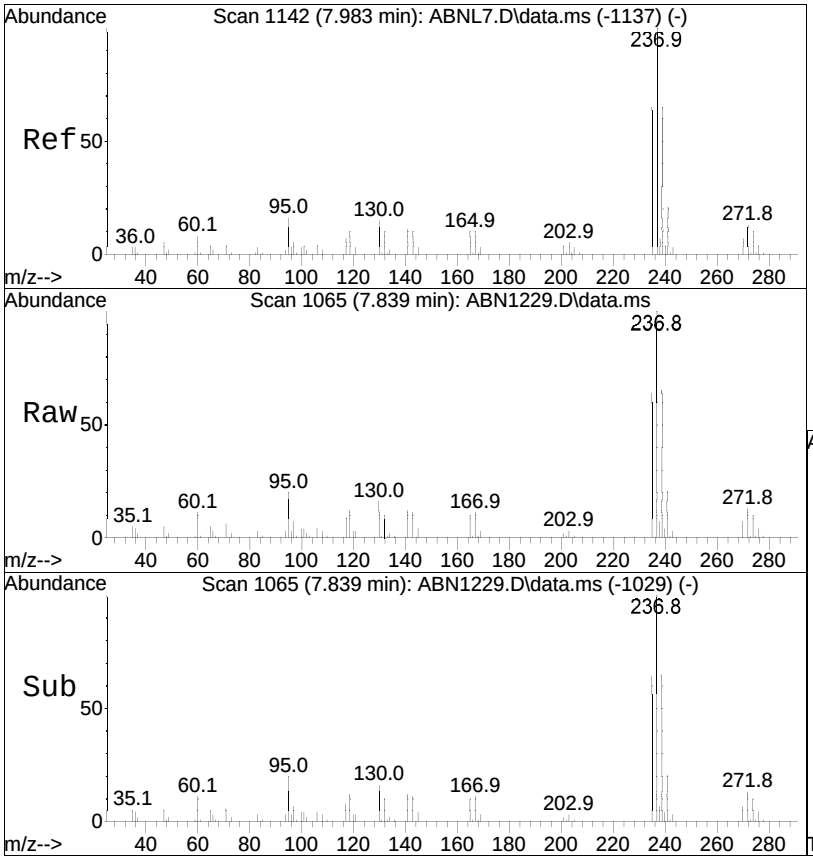


#42
1-Methylnaphthalene
Concen: 43.17 ug/ml
RT: 7.762 min Scan# 1052
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:115 Resp: 219443

Ion	Ratio	Lower	Upper
115	100		
141	299.5	218.1	327.1
142	308.8	245.3	367.9

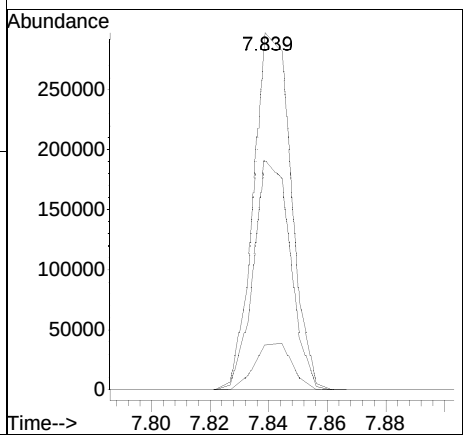


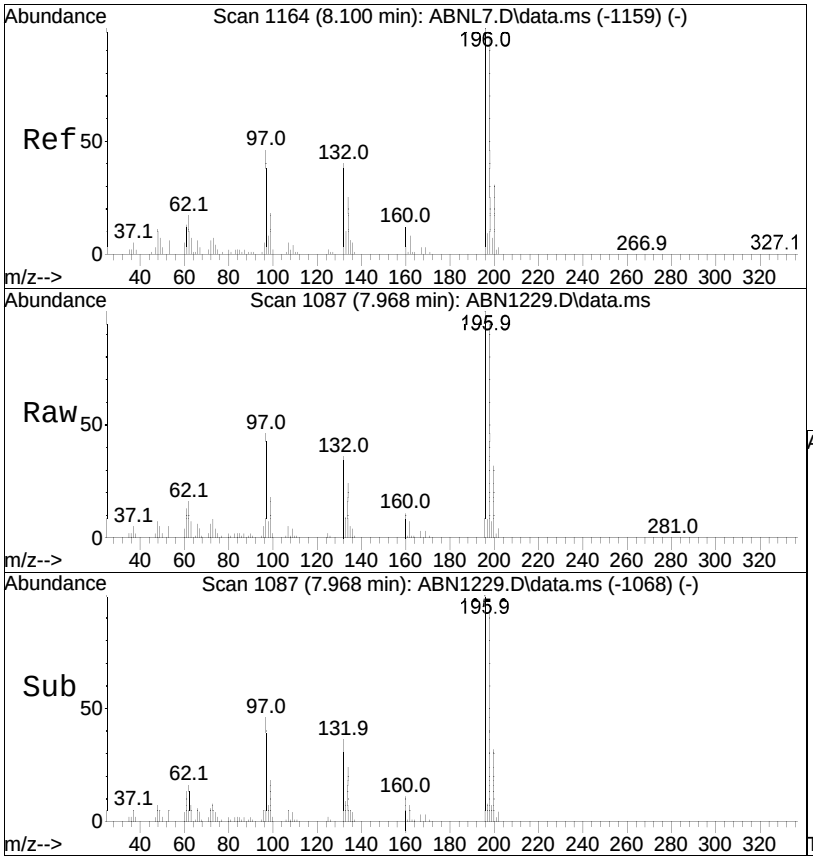


#43
Hexachlorocyclopentadiene
Concen: 45.65 ug/ml
RT: 7.839 min Scan# 1065
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:237 Resp: 265346

Ion	Ratio	Lower	Upper
237	100		
235	63.2	49.9	74.9
272	13.1	11.4	17.2

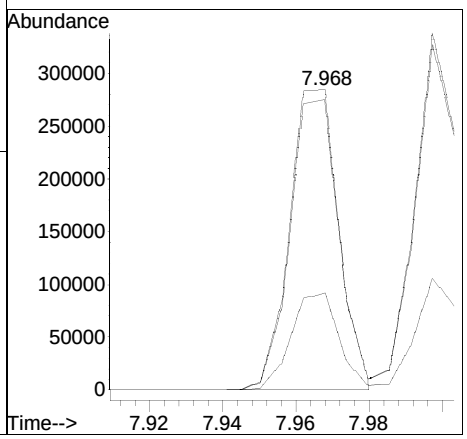


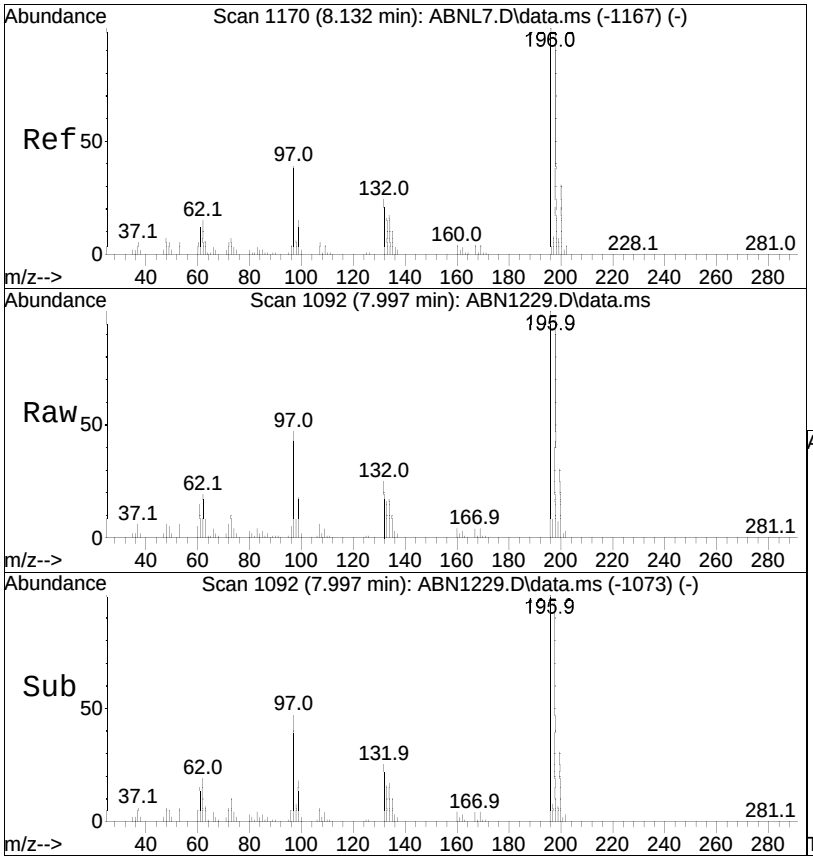


#44
2,4,6-Trichlorophenol
Concen: 47.82 ug/ml
RT: 7.968 min Scan# 1087
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:196 Resp: 266395

Ion	Ratio	Lower	Upper
196	100		
198	95.7	77.0	115.6
200	31.4	25.0	37.6

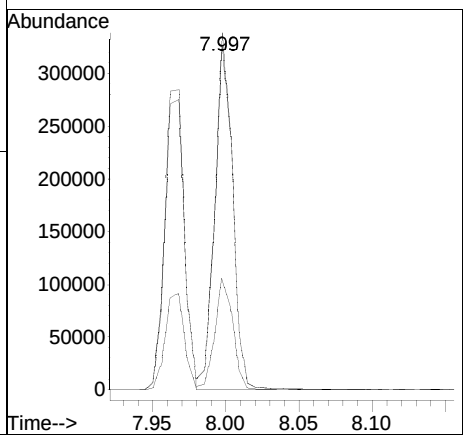


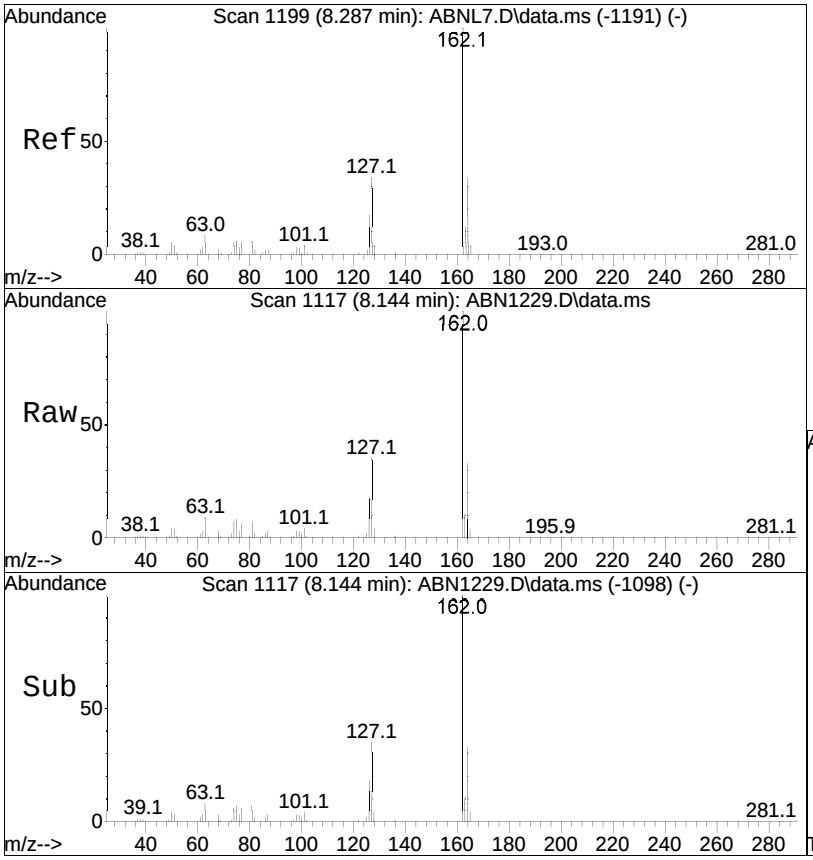


#45
2,4,5-Trichlorophenol
Concen: 46.75 ug/ml
RT: 7.997 min Scan# 1092
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:196 Resp: 286033

Ion	Ratio	Lower	Upper
196	100		
200	31.6	24.9	37.3
198	97.4	78.5	117.7

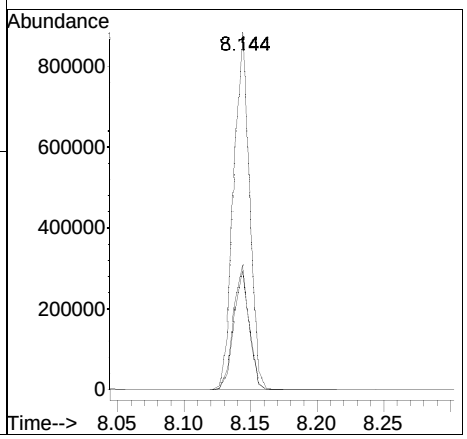


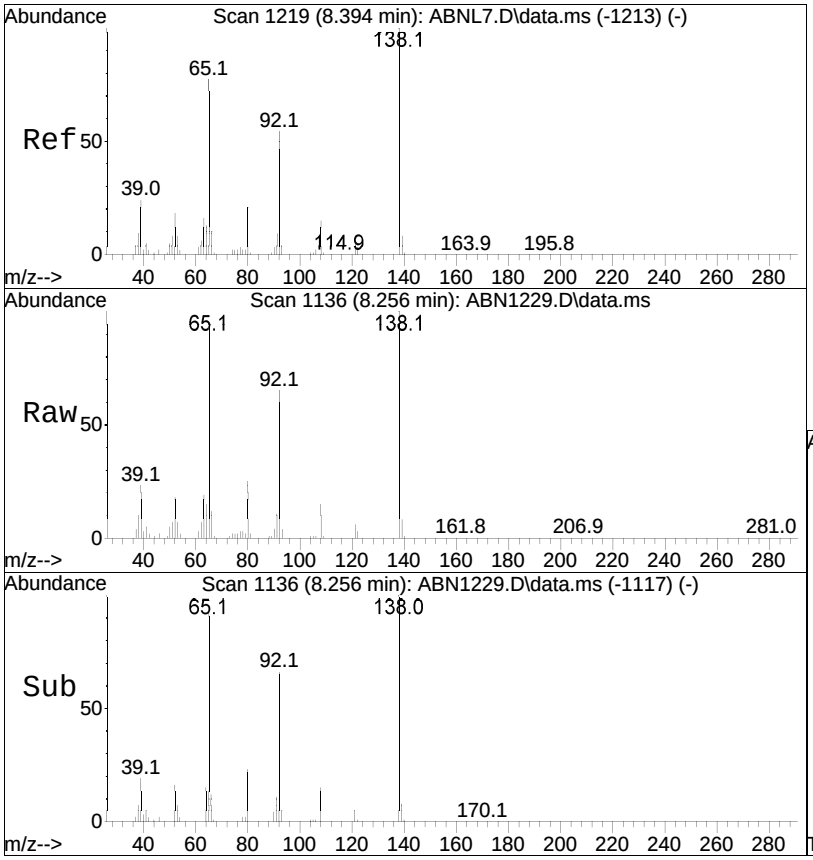


#47
2-Chloronaphthalene
Concen: 45.70 ug/ml
RT: 8.144 min Scan# 1117
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:162 Resp: 731528

Ion	Ratio	Lower	Upper
162	100		
127	34.4	28.0	42.0
164	32.7	26.6	39.8

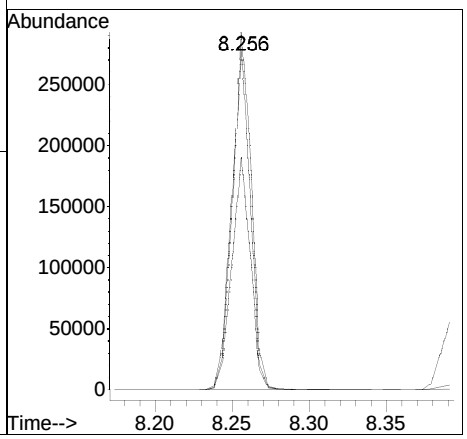


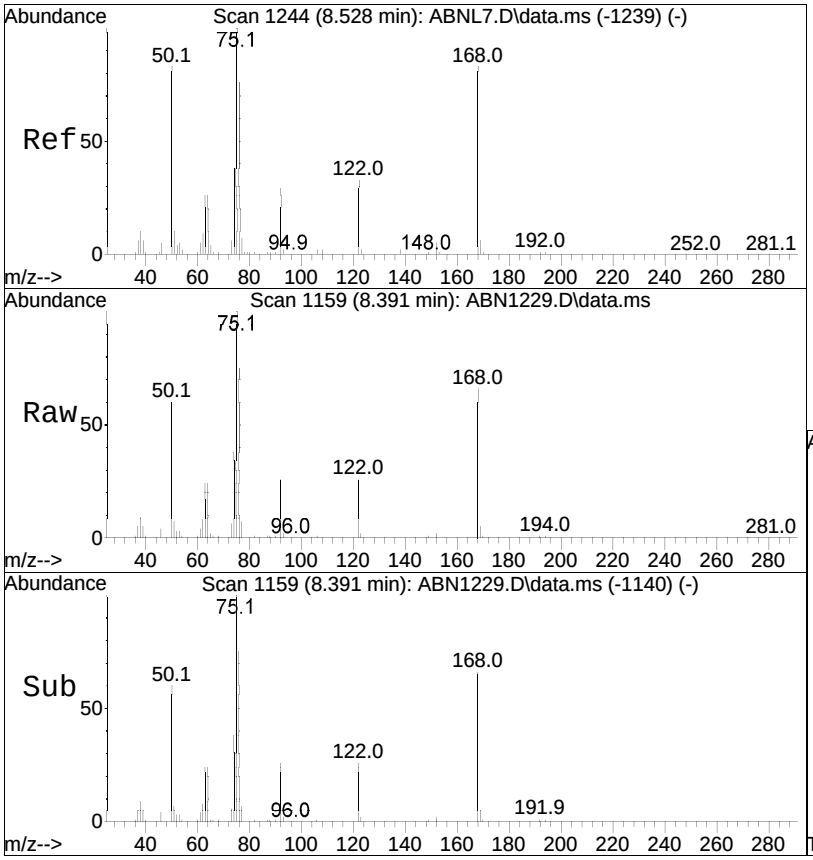


#48
2-Nitroaniline
Concen: 51.95 ug/ml
RT: 8.256 min Scan# 1136
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:138 Resp: 246125

Ion	Ratio	Lower	Upper
138	100		
92	64.5	41.7	62.5#
65	94.5	61.5	92.3#

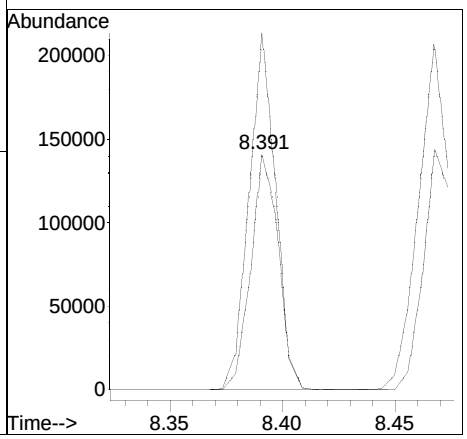


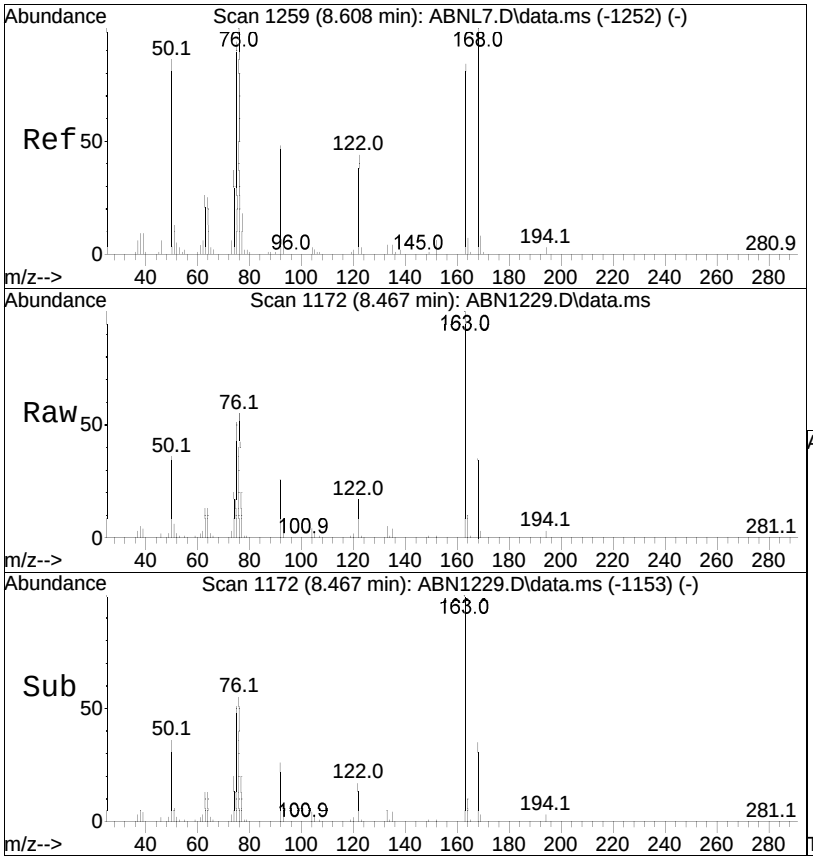


#49
1,4-Dinitrobenzene
Concen: 52.25 ug/ml
RT: 8.391 min Scan# 1159
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:168 Resp: 121008

Ion	Ratio	Lower	Upper
168	100		
75	145.2	102.0	153.0

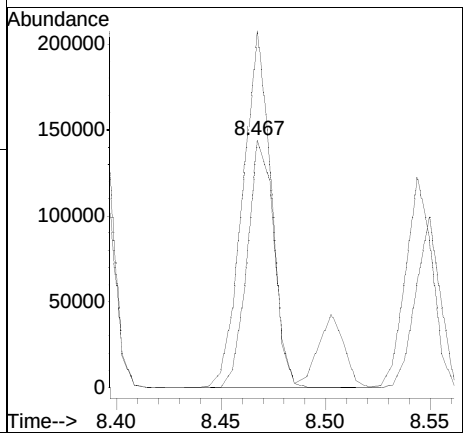


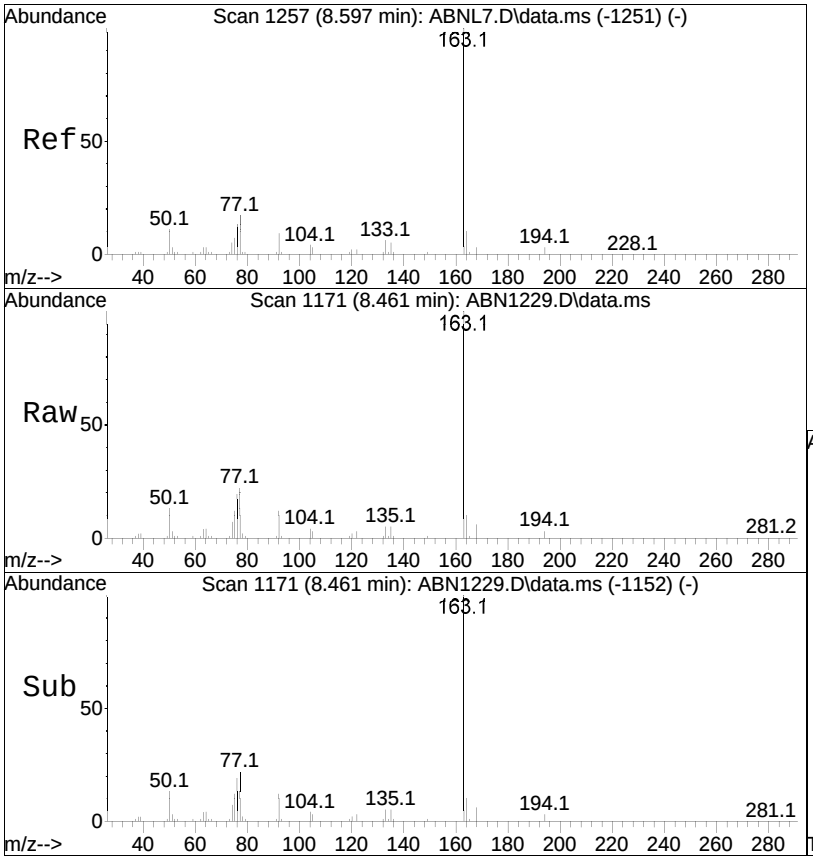


#50
1,3-Dinitrobenzene
Concen: 45.57 ug/ml
RT: 8.467 min Scan# 1172
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:168 Resp: 129900

Ion	Ratio	Lower	Upper
168	100		
75	150.1	107.1	160.7

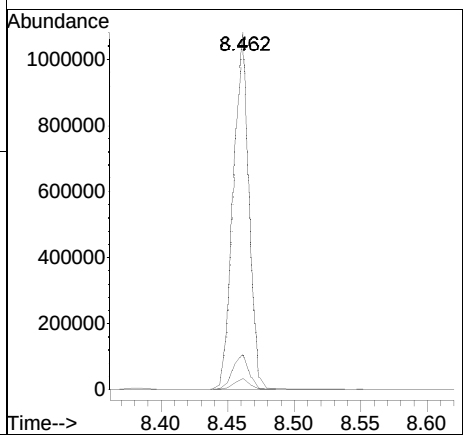


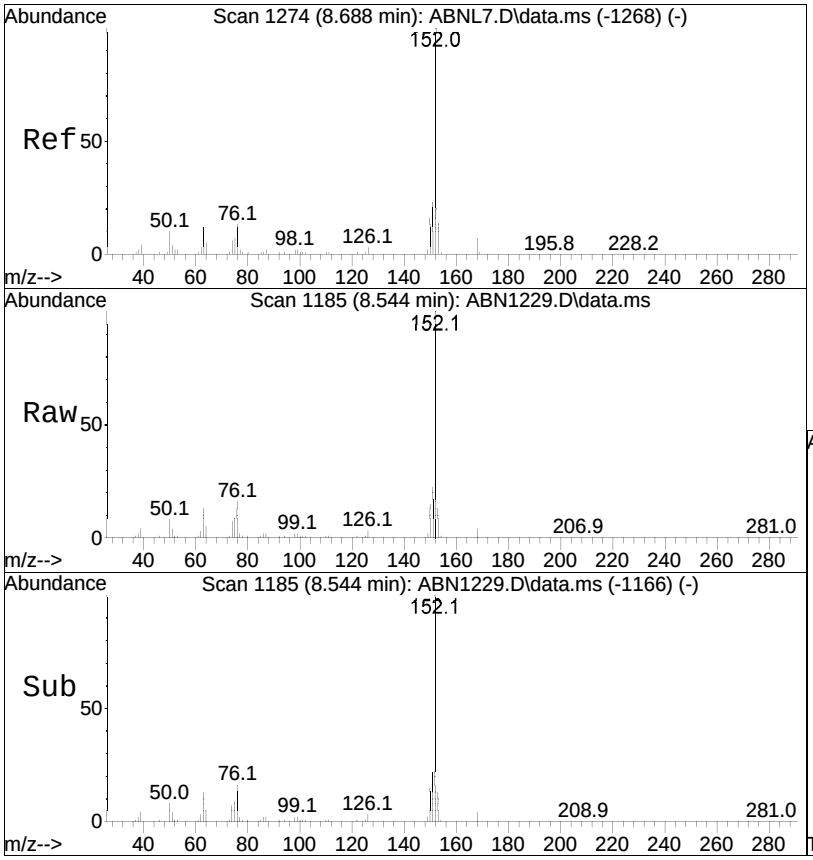


#51
Dimethyl phthalate
Concen: 44.74 ug/ml
RT: 8.461 min Scan# 1171
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:163 Resp: 868576

Ion	Ratio	Lower	Upper
163	100		
194	2.9	3.4	5.2#
164	10.2	8.4	12.6

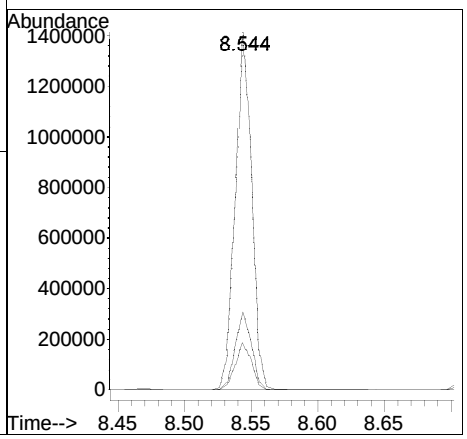


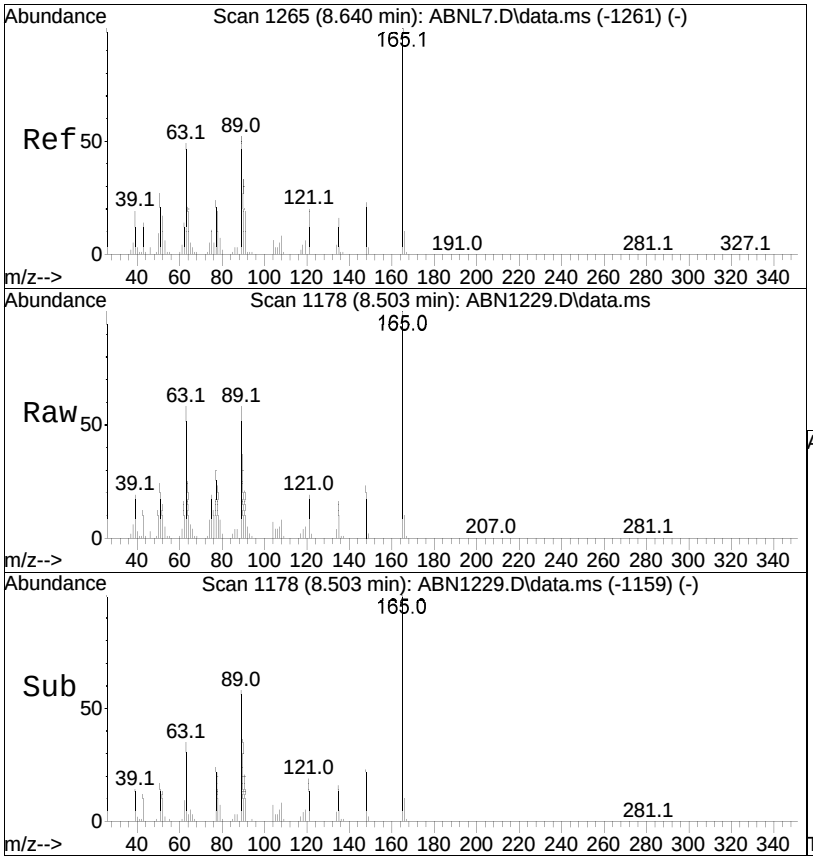


#52
Acenaphthylene
Concen: 44.41 ug/ml
RT: 8.544 min Scan# 1185
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:152 Resp: 1198057

Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.7	25.1
153	13.3	11.1	16.7

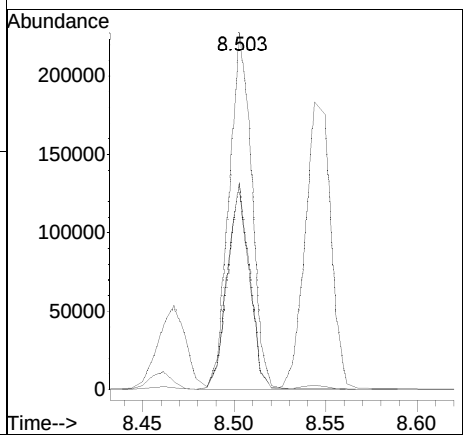


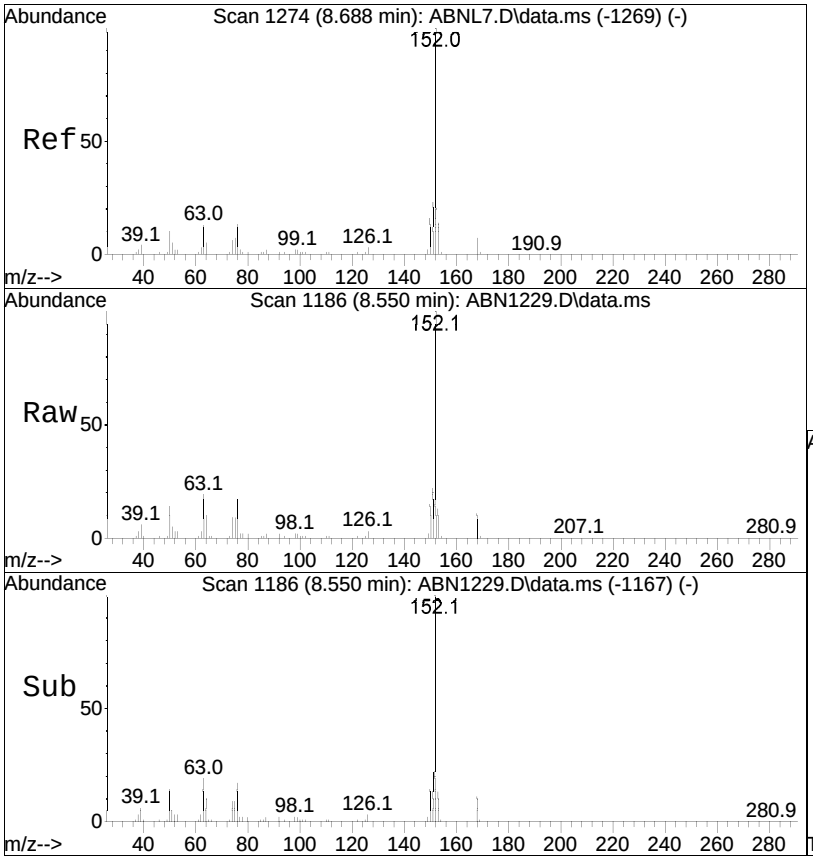


#53
2,6-Dinitrotoluene
Concen: 51.92 ug/ml
RT: 8.503 min Scan# 1178
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:165 Resp: 198082

Ion	Ratio	Lower	Upper
165	100		
89	55.8	43.1	64.7
63	55.2	42.7	64.1

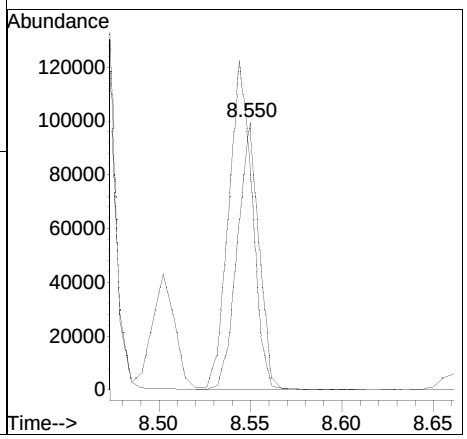


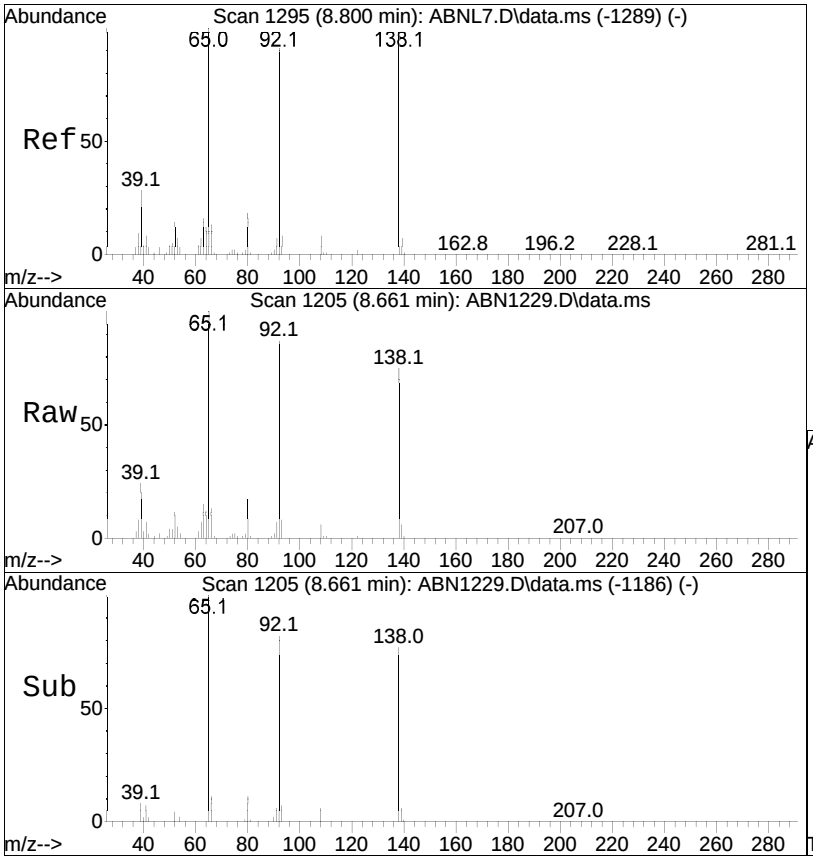


#54
1,2-Dinitrobenzene
Concen: 45.86 ug/ml
RT: 8.550 min Scan# 1186
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:168 Resp: 82012

Ion	Ratio	Lower	Upper
168	100		
75	134.3	92.2	138.2

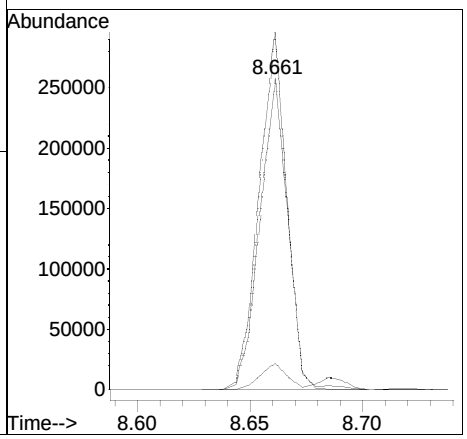


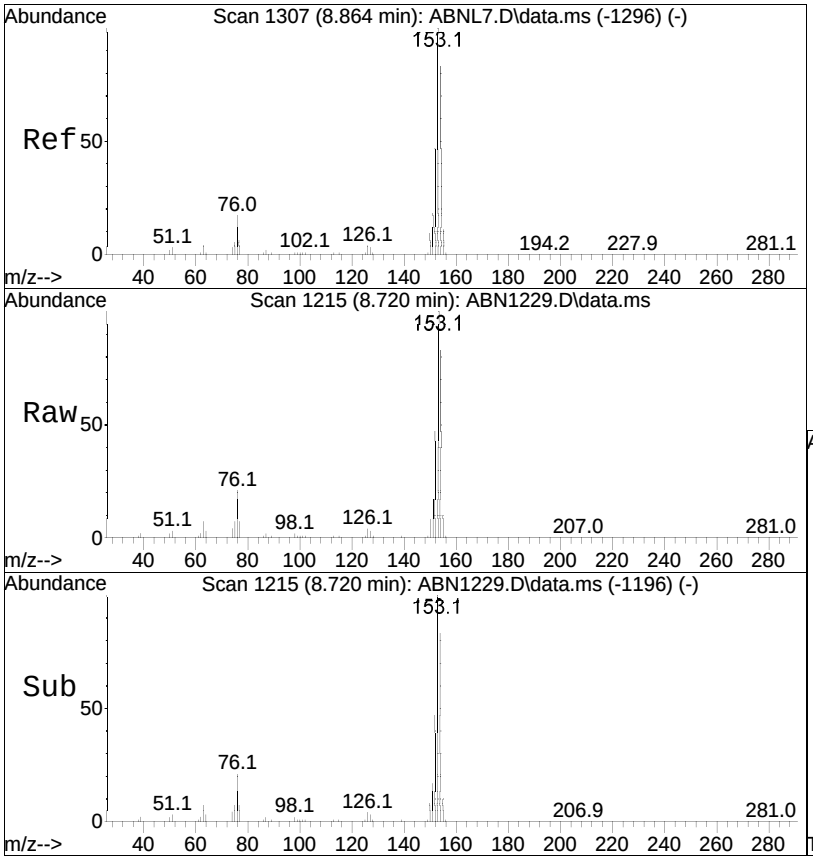


#64
3-Nitroaniline
Concen: 52.66 ug/ml
RT: 8.661 min Scan# 1205
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:138 Resp: 217107

Ion	Ratio	Lower	Upper
138	100		
92	115.7	77.5	116.3
108	8.4	7.0	10.4

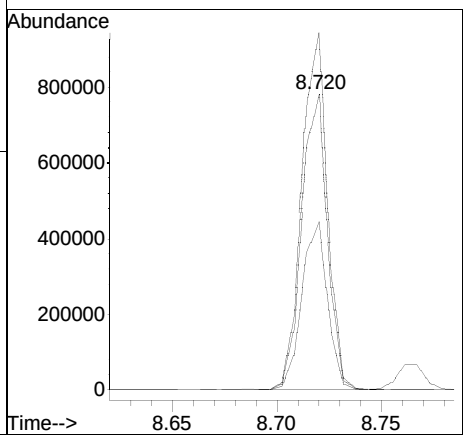


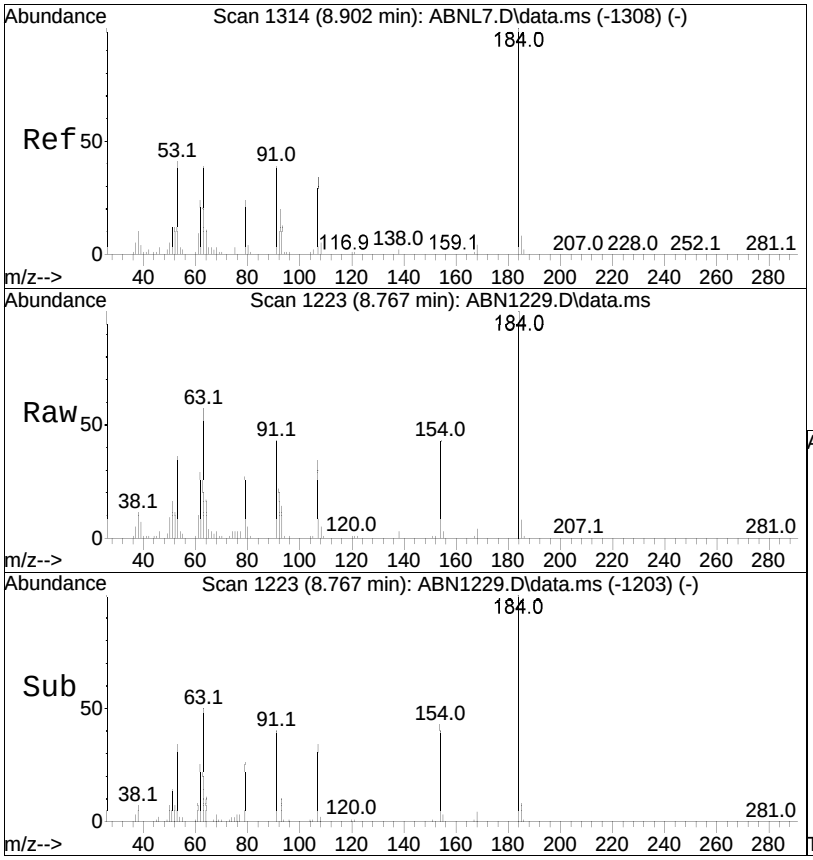


#65
Acenaphthene
Concen: 46.77 ug/ml
RT: 8.720 min Scan# 1215
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:154 Resp: 667424

Ion	Ratio	Lower	Upper
154	100		
153	120.3	89.4	134.0
152	56.9	42.2	63.2

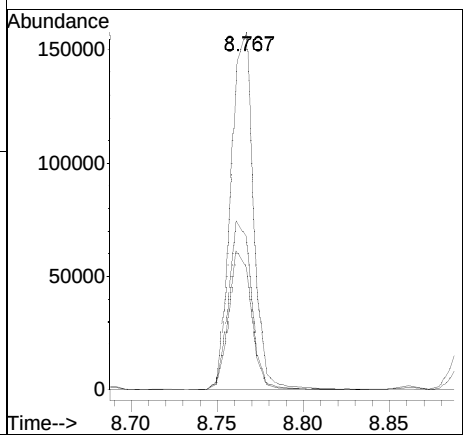


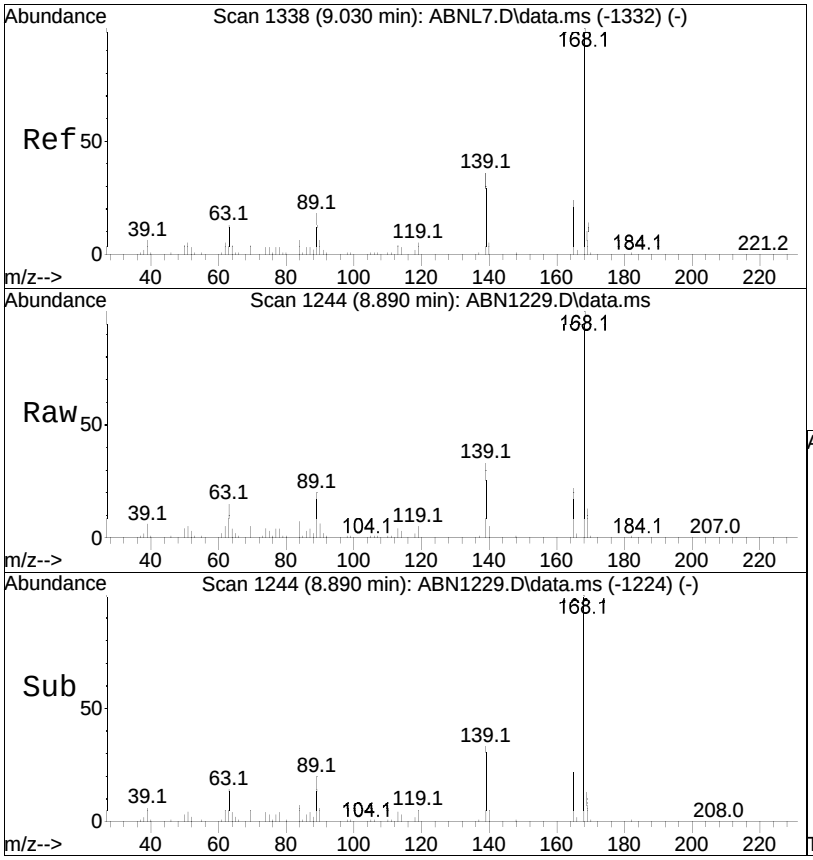


#66
2,4-Dinitrophenol
Concen: 50.09 ug/ml
RT: 8.767 min Scan# 1223
Delta R.T. -0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:184 Resp: 144253

Ion	Ratio	Lower	Upper
184	100		
107	38.9	31.4	47.2
91	47.9	37.2	55.8

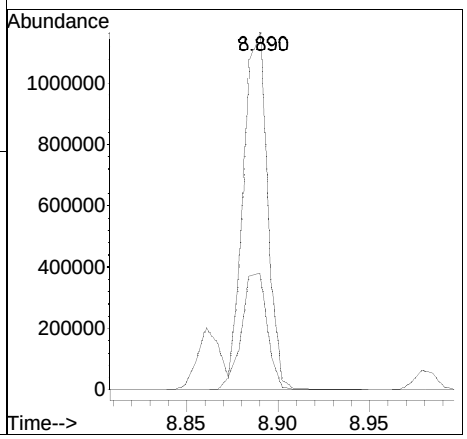


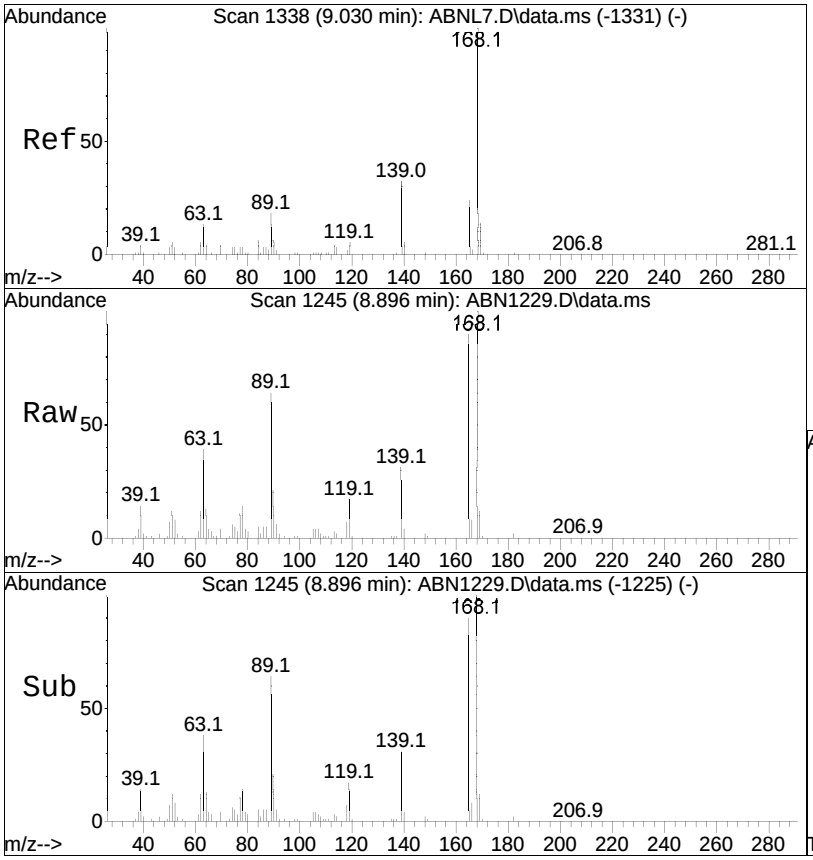


#67
Dibenzofuran
Concen: 45.99 ug/ml
RT: 8.890 min Scan# 1244
Delta R.T. -0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:168 Resp: 1071926

Ion	Ratio	Lower	Upper
168	100		
139	33.2	28.0	42.0

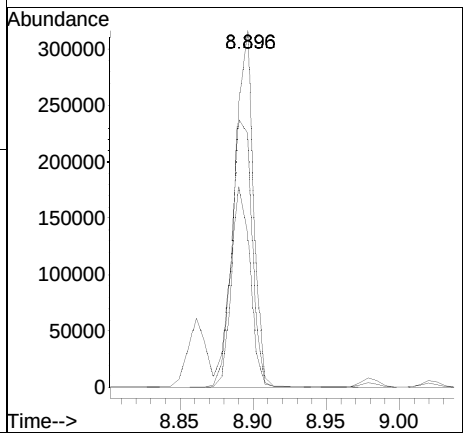


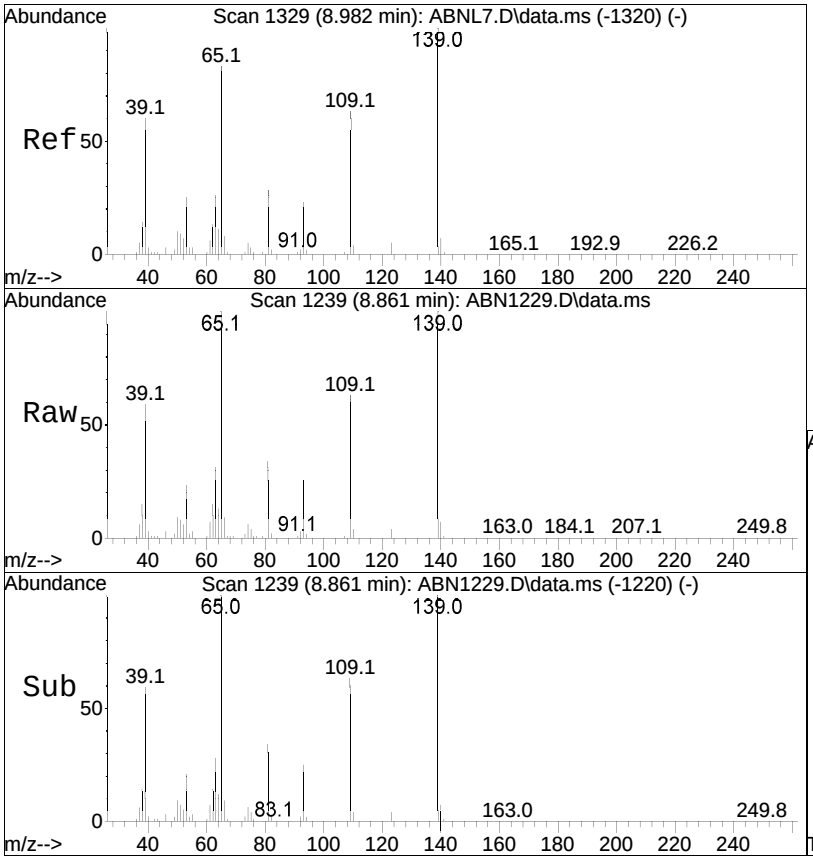


#68
2,4-Dinitrotoluene
Concen: 40.92 ug/ml
RT: 8.896 min Scan# 1245
Delta R.T. -0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:165 Resp: 274126

Ion	Ratio	Lower	Upper
165	100		
89	84.4	63.0	94.6
63	62.7	50.3	75.5

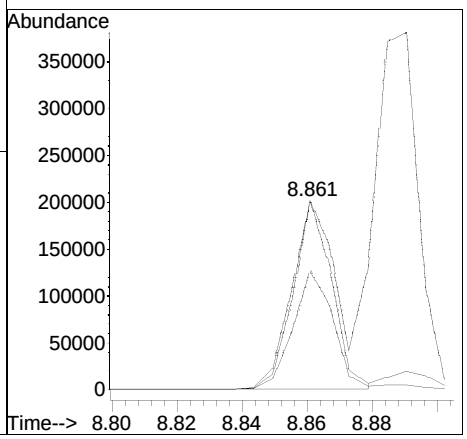


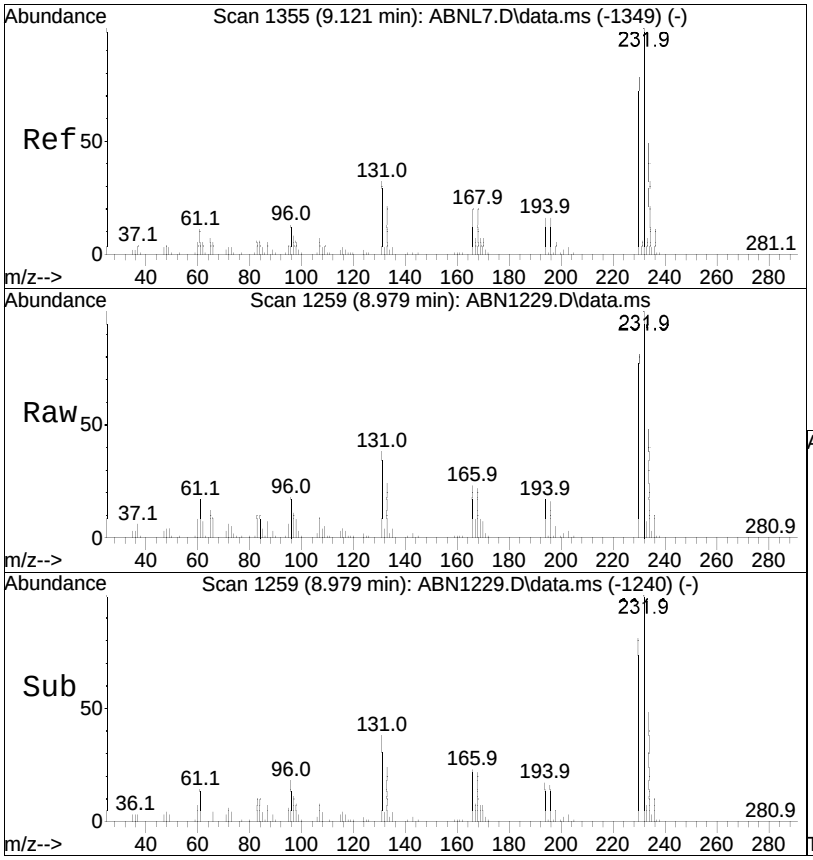


#69
4-Nitrophenol
Concen: 53.25 ug/ml
RT: 8.861 min Scan# 1239
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion: 65 Resp: 171771

Ion	Ratio	Lower	Upper
65	100		
109	65.6	55.3	82.9
139	104.0	95.1	142.7

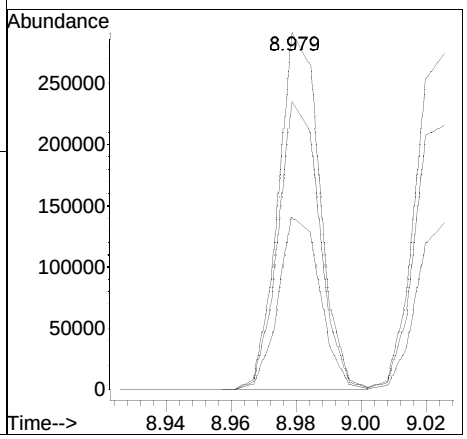


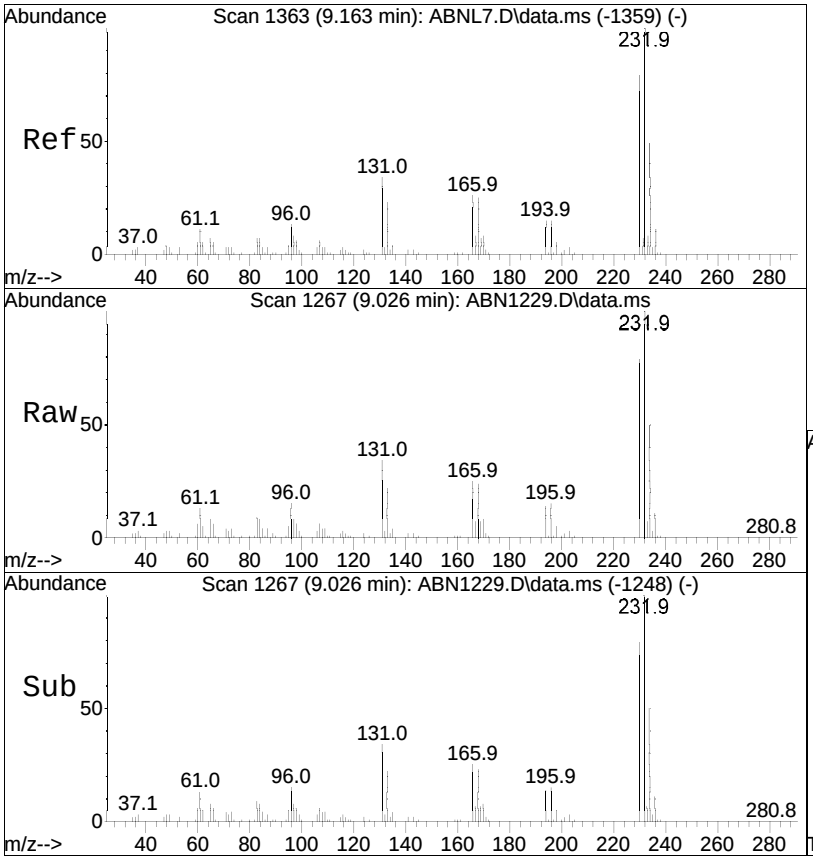


#70
2,3,5,6-Tetrachlorophenol
Concen: 49.48 ug/ml
RT: 8.979 min Scan# 1259
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:232 Resp: 258375

Ion	Ratio	Lower	Upper
232	100		
230	80.4	64.4	96.6
234	48.8	38.9	58.3

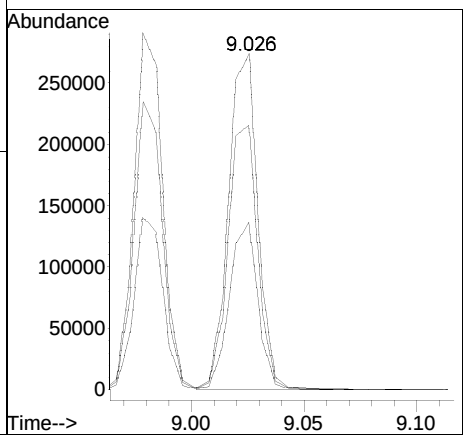


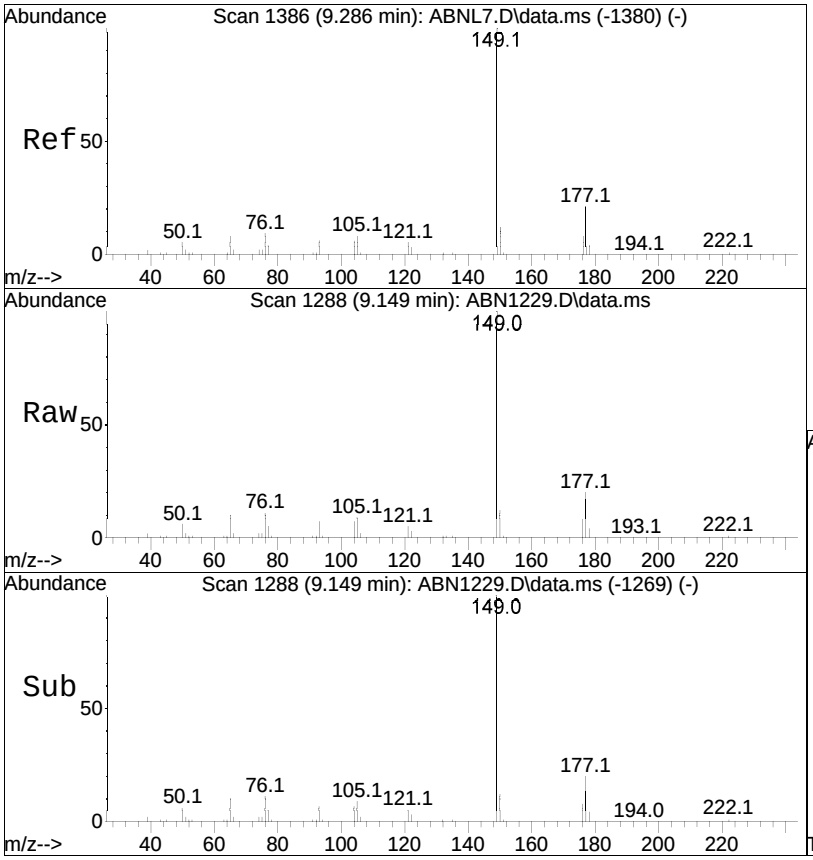


#71
2,3,4,6-Tetrachlorophenol
Concen: 48.37 ug/ml
RT: 9.026 min Scan# 1267
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:232 Resp: 249822

Ion	Ratio	Lower	Upper
232	100		
230	78.7	64.2	96.4
234	48.1	38.4	57.6

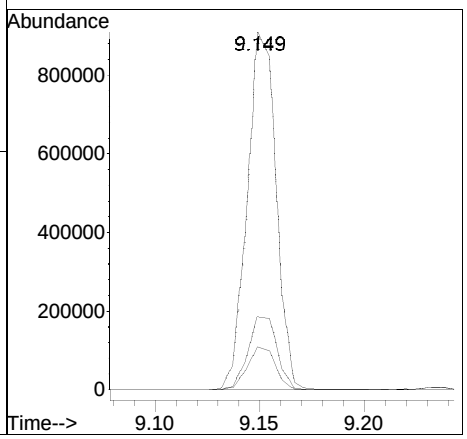


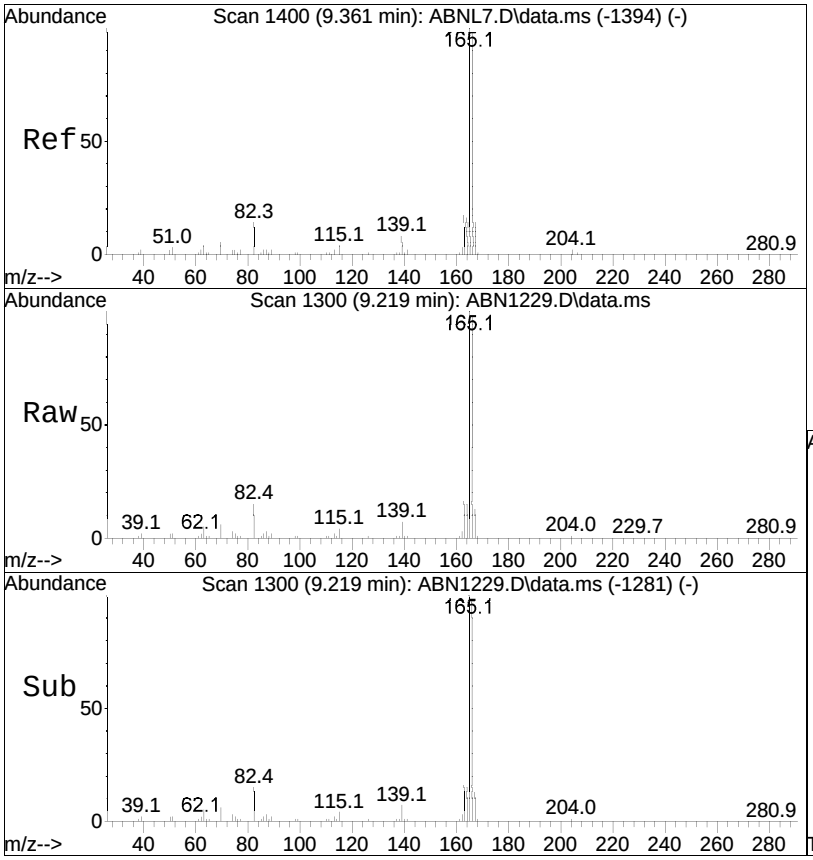


#72
Diethyl phthalate
Concen: 48.08 ug/ml
RT: 9.149 min Scan# 1288
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:149 Resp: 866476

Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.2	24.2
150	11.9	9.4	14.0

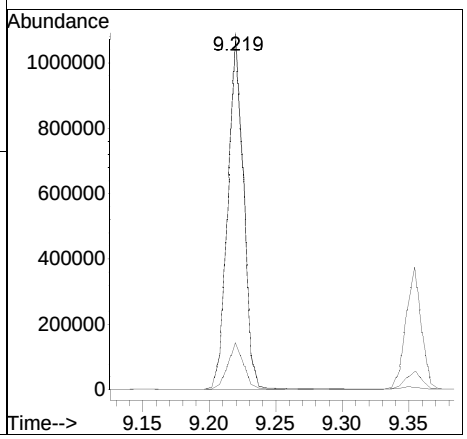


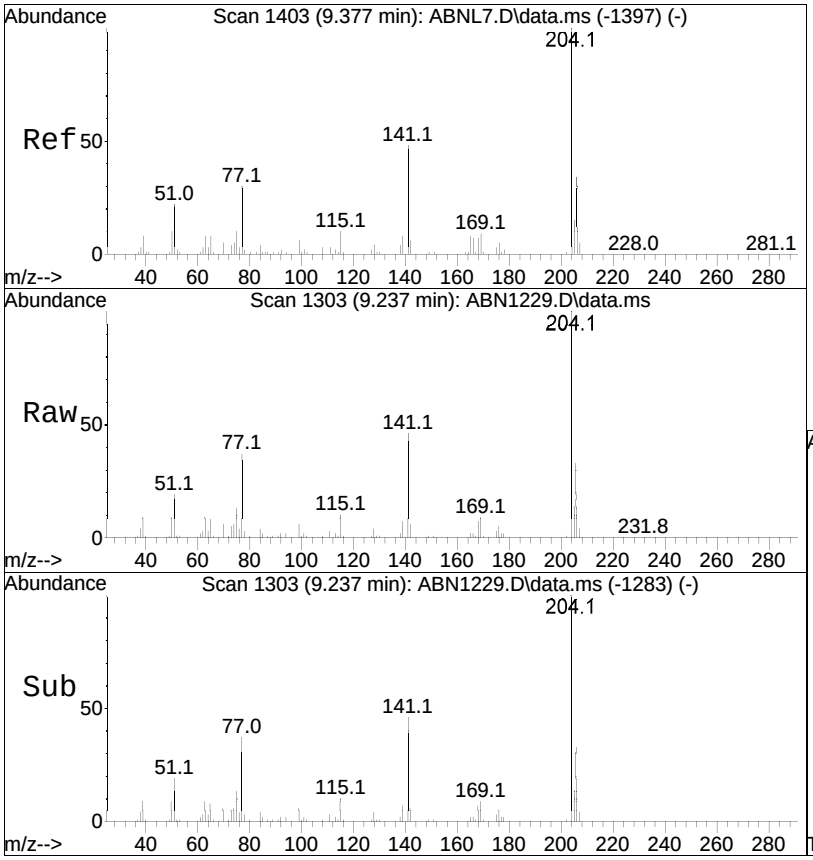


#73
Fluorene
Concen: 46.63 ug/ml
RT: 9.219 min Scan# 1300
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:166 Resp: 883115

Ion	Ratio	Lower	Upper
166	100		
165	102.4	77.2	115.8
167	13.6	10.9	16.3

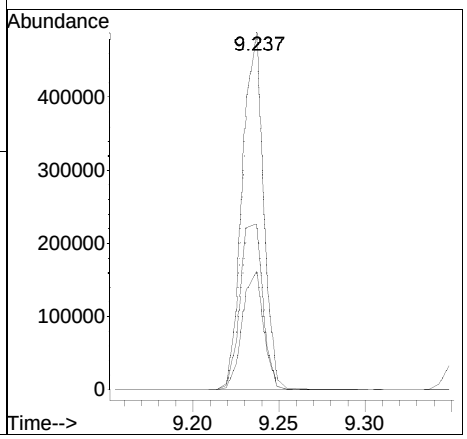


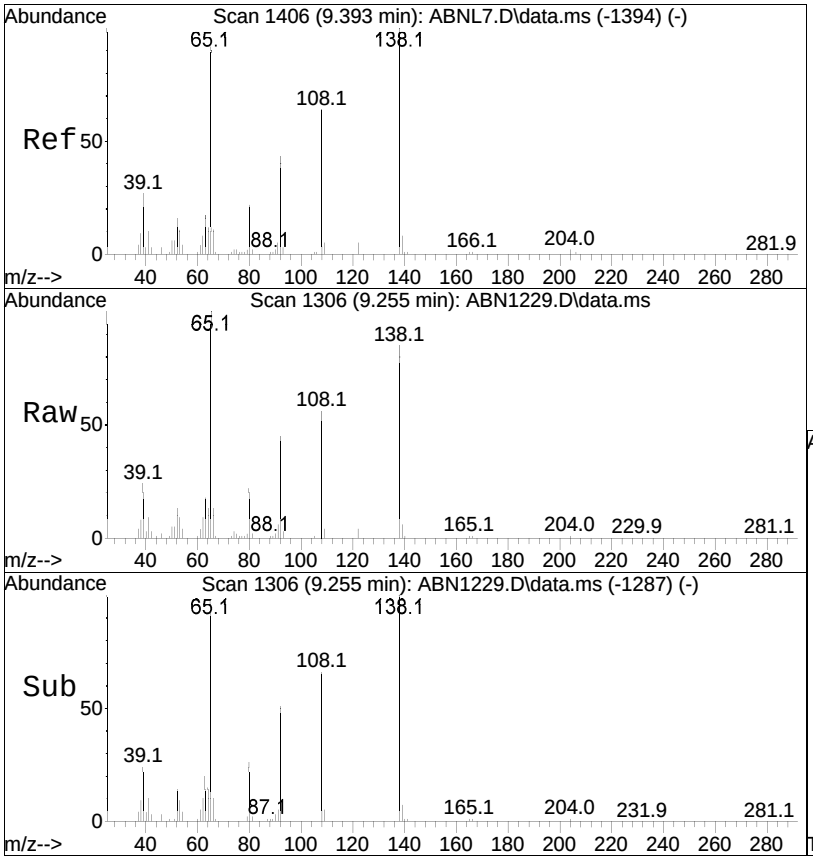


#74
4-Chlorophenyl phenyl ether
Concen: 45.33 ug/ml
RT: 9.237 min Scan# 1303
Delta R.T. -0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:204 Resp: 413460

Ion	Ratio	Lower	Upper
204	100		
206	34.0	27.0	40.6
141	50.5	42.2	63.2

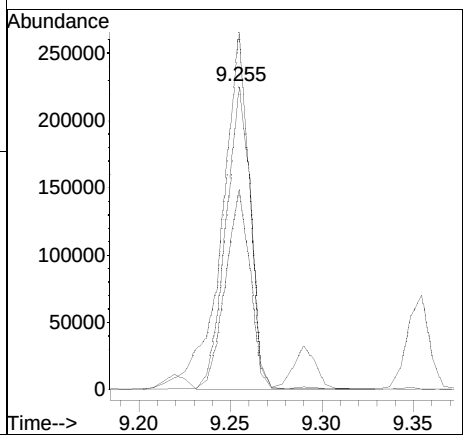


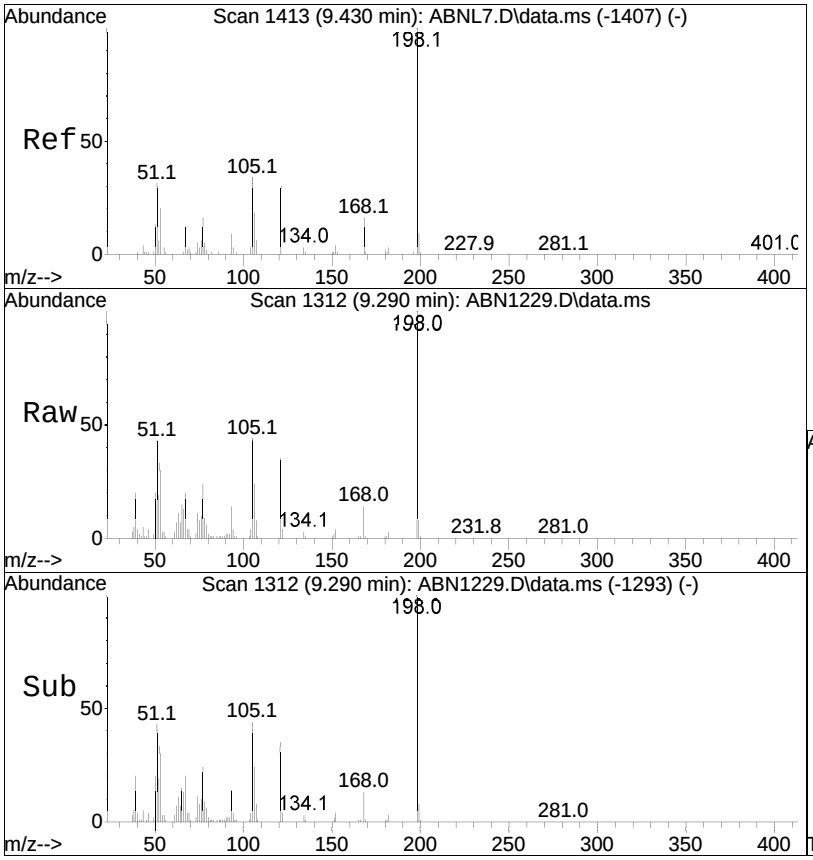


#75
4-Nitroaniline
Concen: 48.66 ug/ml
RT: 9.255 min Scan# 1306
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:138 Resp: 213466

Ion	Ratio	Lower	Upper
138	100		
108	65.6	46.7	70.1
65	128.7	81.2	121.8#

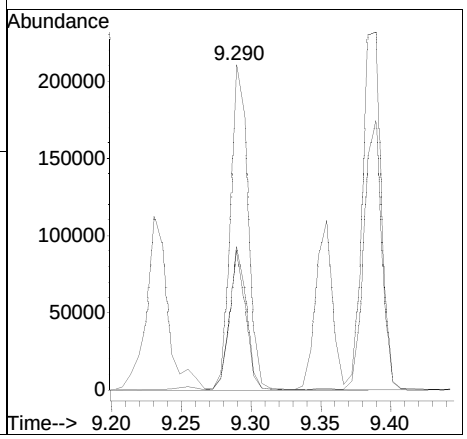


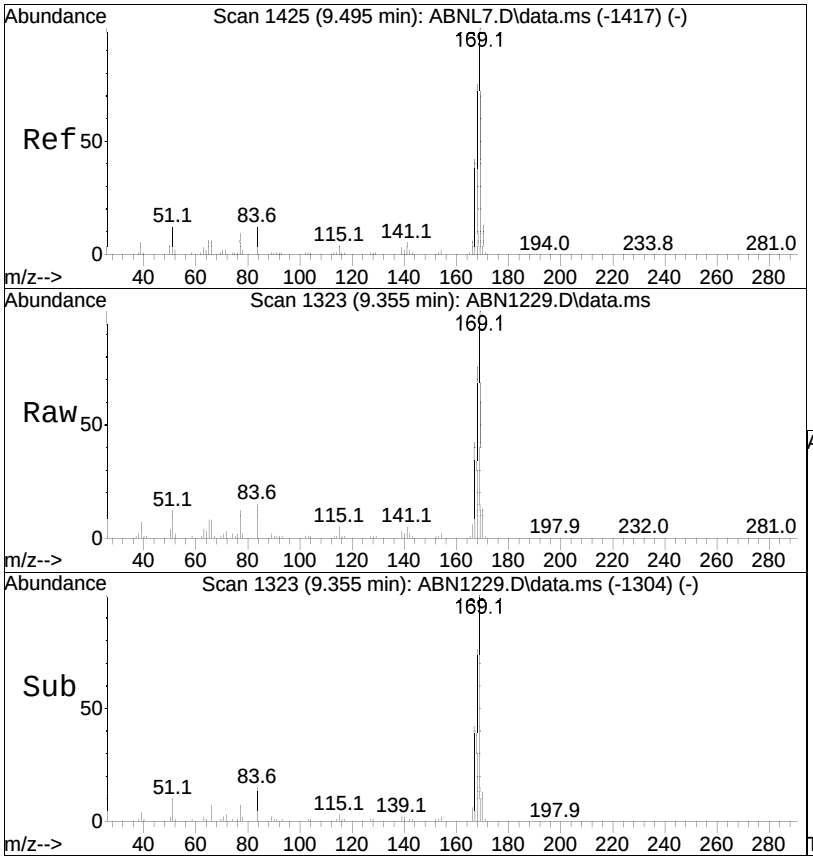


#76
4,6-Dinitro-o-cresol
Concen: 53.18 ug/ml
RT: 9.290 min Scan# 1312
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:198 Resp: 185999

Ion	Ratio	Lower	Upper
198	100		
51	38.6	35.0	52.6
105	41.3	32.3	48.5

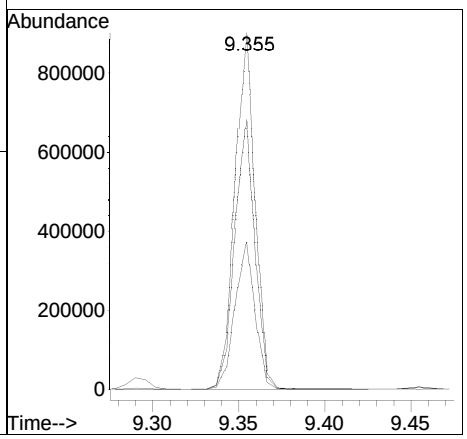


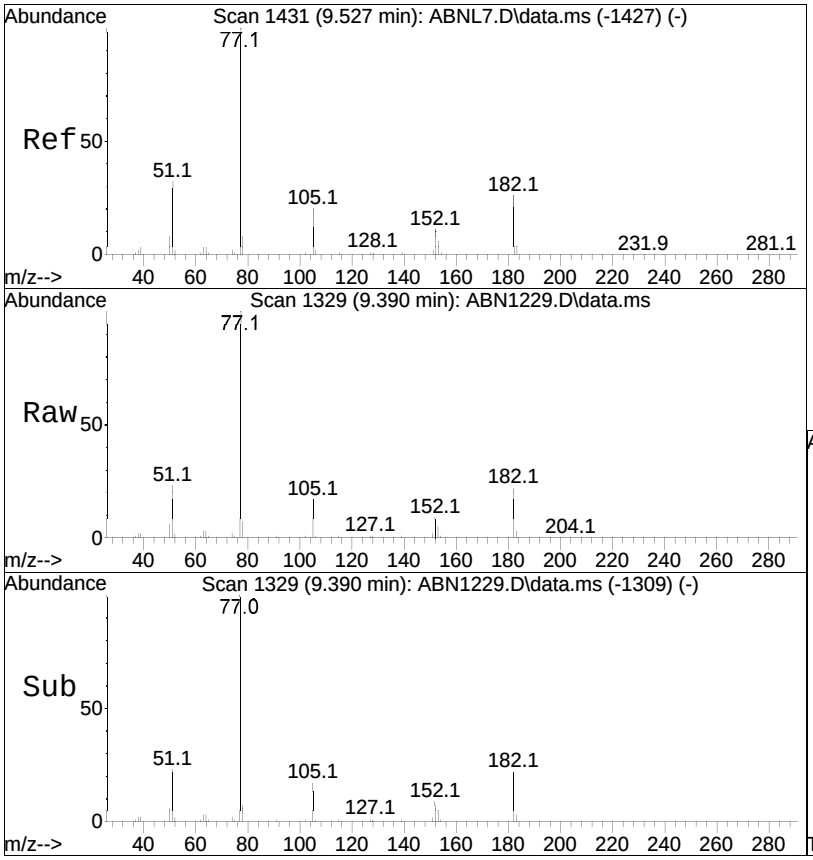


#77
NDPA/DPA
Concen: 46.69 ug/ml
RT: 9.355 min Scan# 1323
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:169 Resp: 736222

Ion	Ratio	Lower	Upper
169	100		
168	76.2	54.6	82.0
167	41.5	30.7	46.1

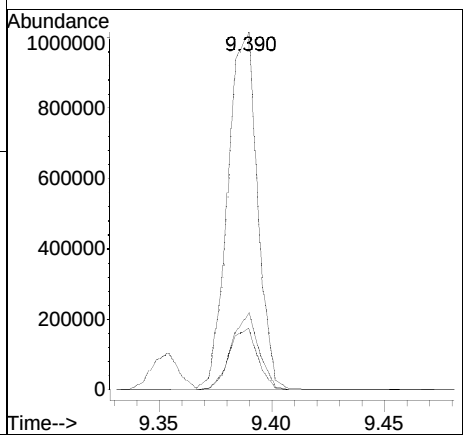


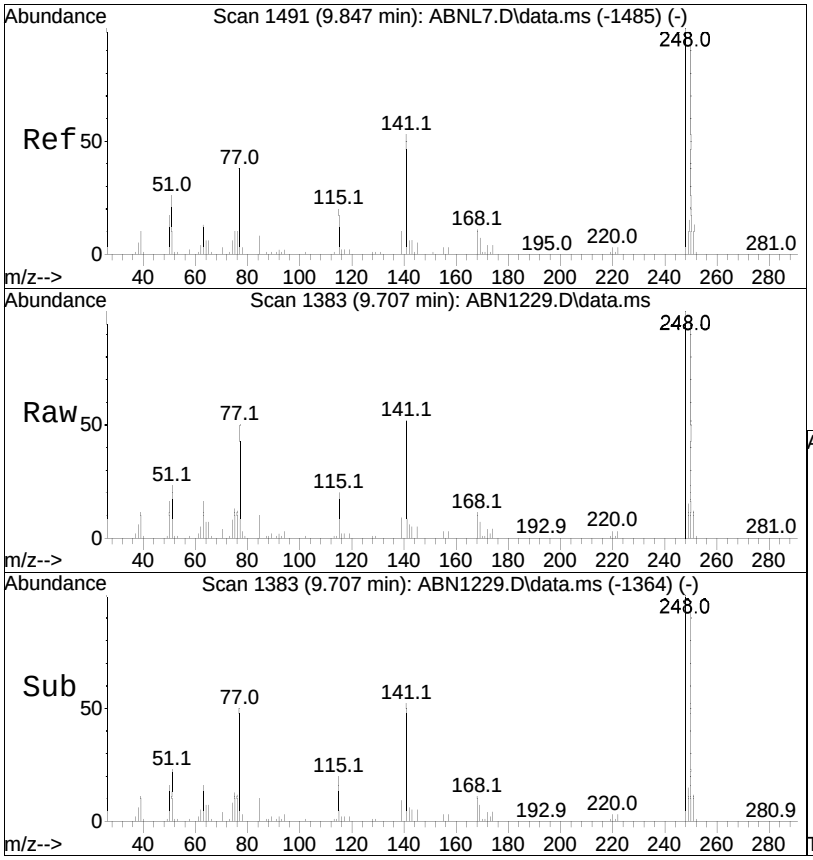


#78
Azobenzene
Concen: 56.79 ug/ml
RT: 9.390 min Scan# 1329
Delta R.T. -0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion: 77 Resp: 922400

Ion	Ratio	Lower	Upper
77	100		
182	20.2	19.8	29.8
105	16.9	12.1	18.1

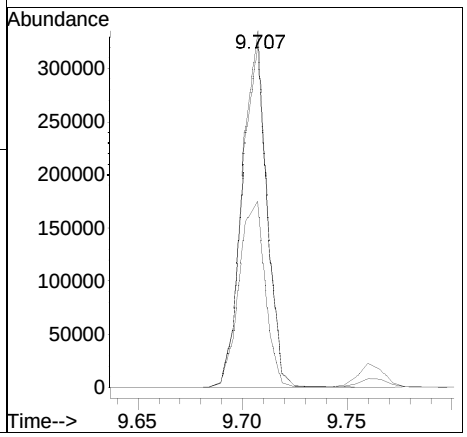


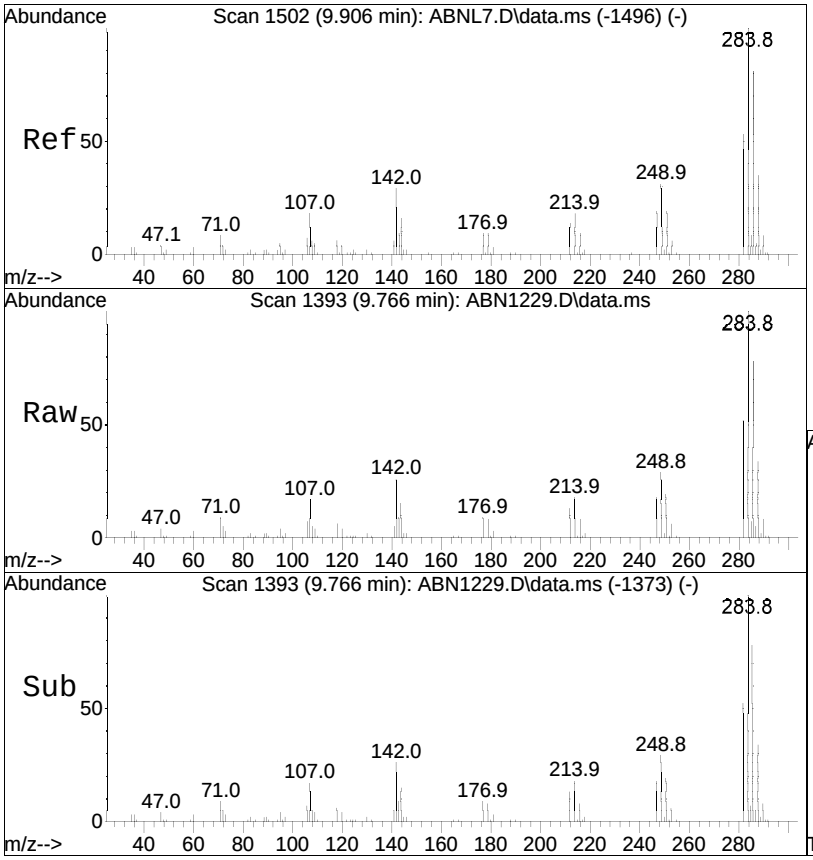


#80
4-Bromophenyl phenyl ether
Concen: 47.05 ug/ml
RT: 9.707 min Scan# 1383
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:248 Resp: 275183

Ion	Ratio	Lower	Upper
248	100		
141	55.8	46.6	70.0
250	96.1	79.4	119.2

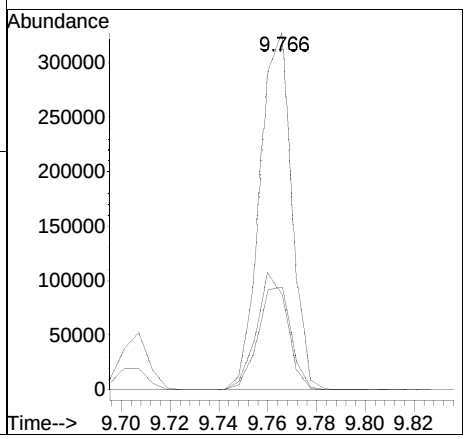


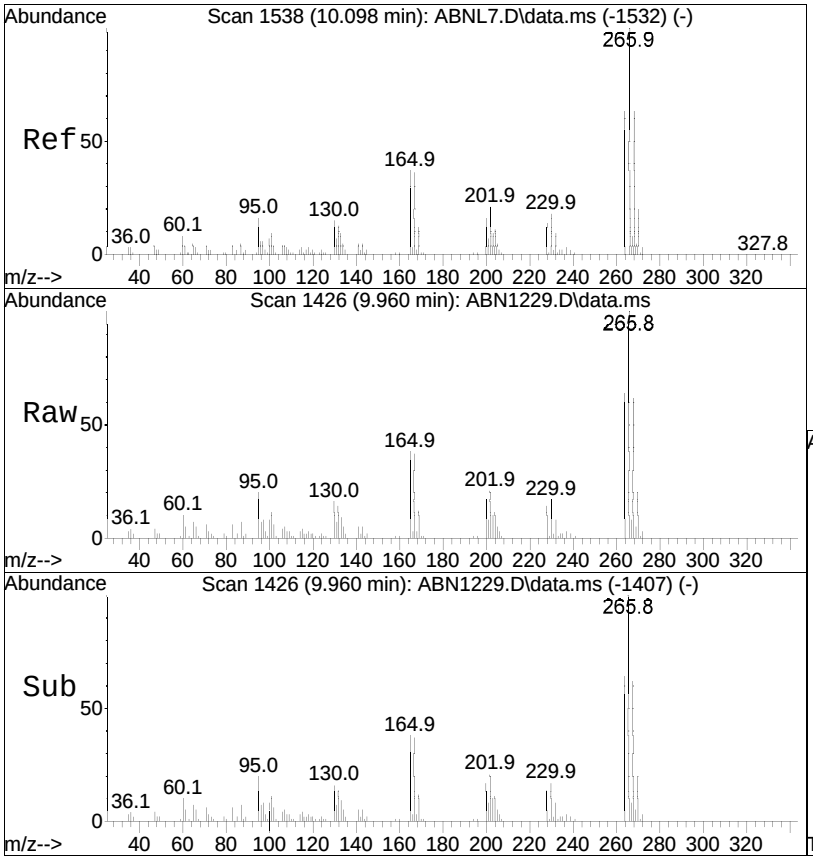


#81
Hexachlorobenzene
Concen: 43.00 ug/ml
RT: 9.766 min Scan# 1393
Delta R.T. -0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:284 Resp: 297909

Ion	Ratio	Lower	Upper
284	100		
142	31.6	26.0	39.0
249	30.0	20.6	30.8

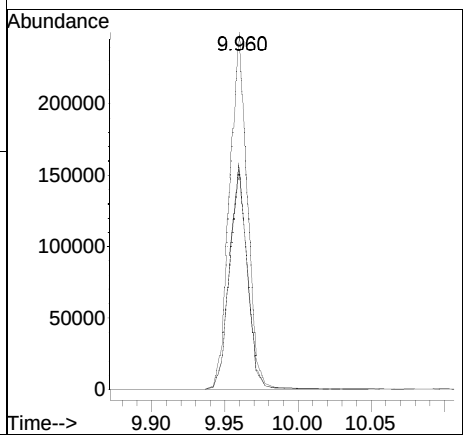


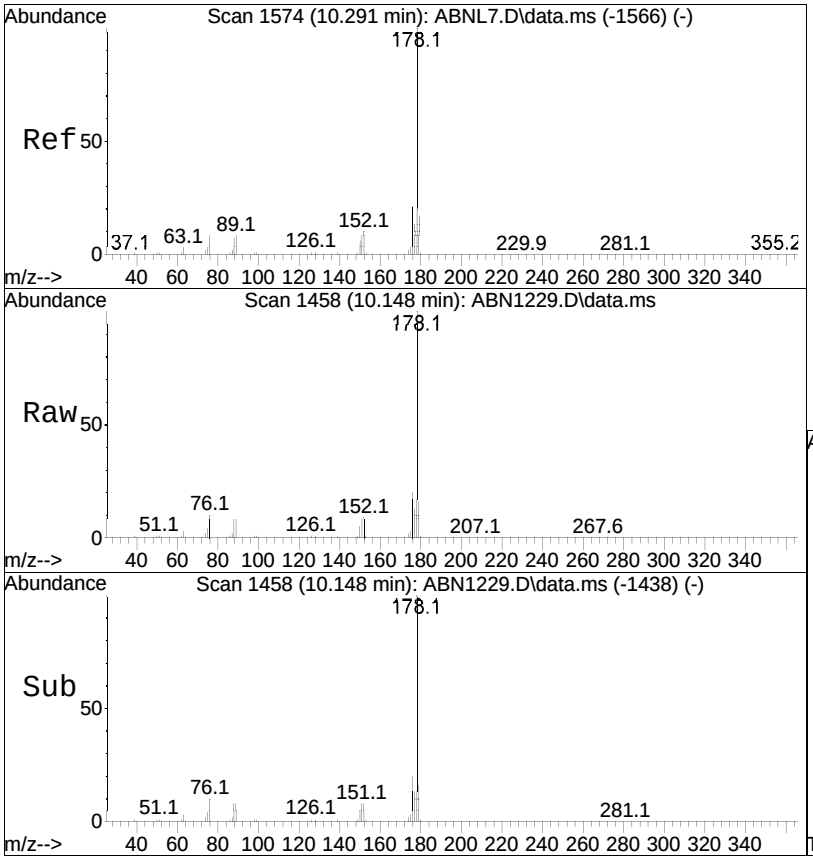


#82
Pentachlorophenol
Concen: 40.16 ug/ml
RT: 9.960 min Scan# 1426
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:266 Resp: 209330

Ion	Ratio	Lower	Upper
266	100		
264	63.0	51.2	76.8
268	62.8	51.5	77.3

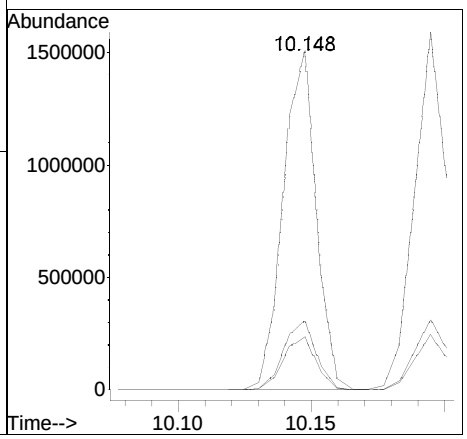


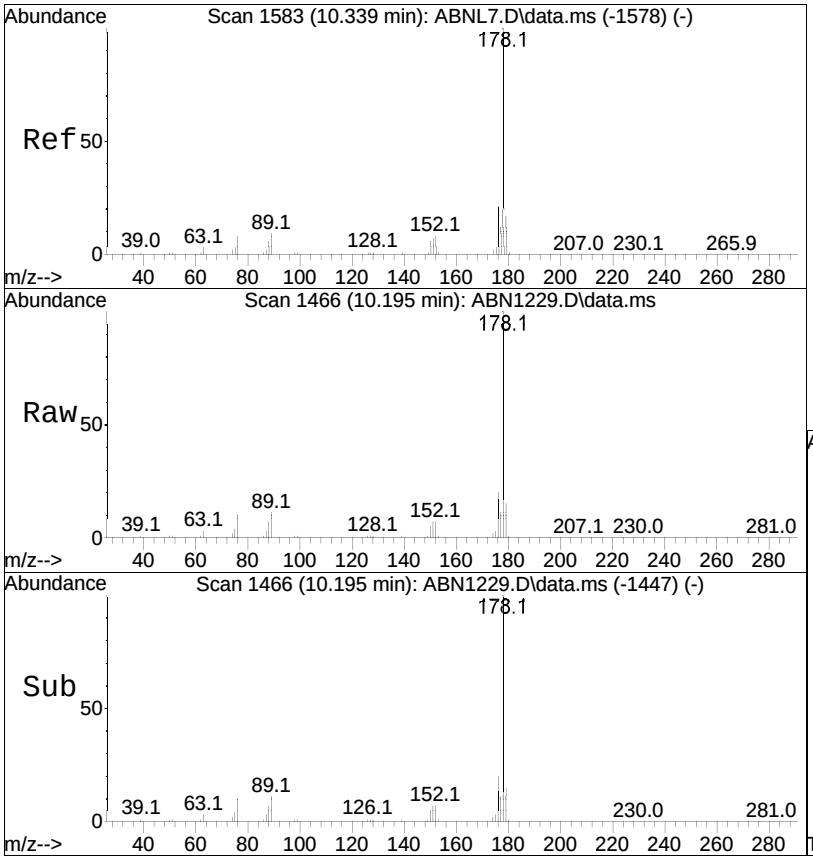


#89
Phenanthrene
Concen: 43.89 ug/ml
RT: 10.148 min Scan# 1458
Delta R.T. -0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:178 Resp: 1300844

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.7	19.1
176	20.1	15.8	23.6

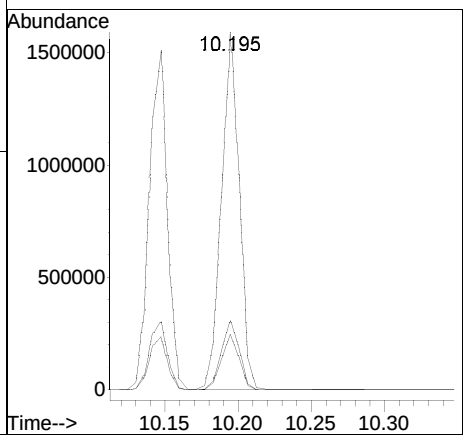


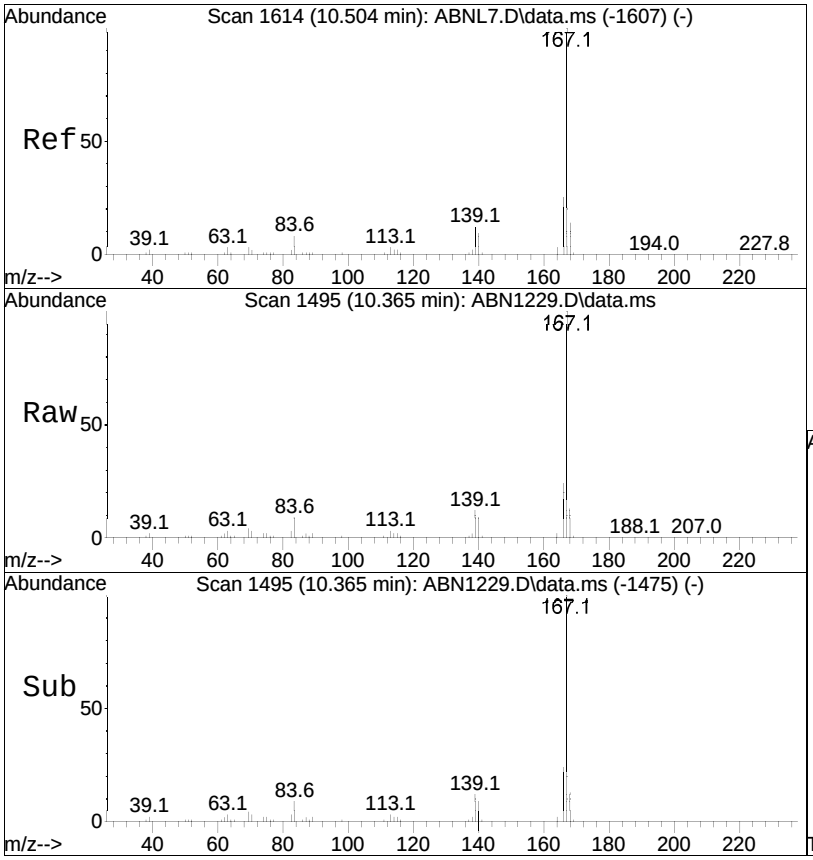


#90
Anthracene
Concen: 45.40 ug/ml
RT: 10.195 min Scan# 1466
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:178 Resp: 1344796

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	19.7	15.4	23.0

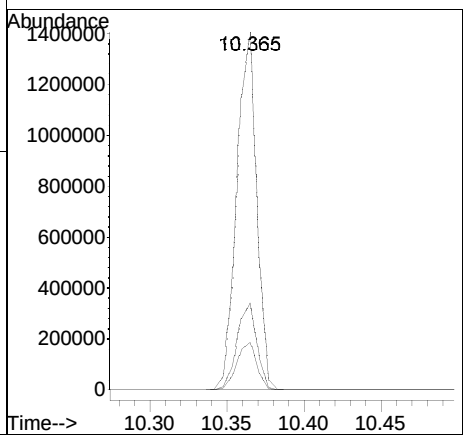


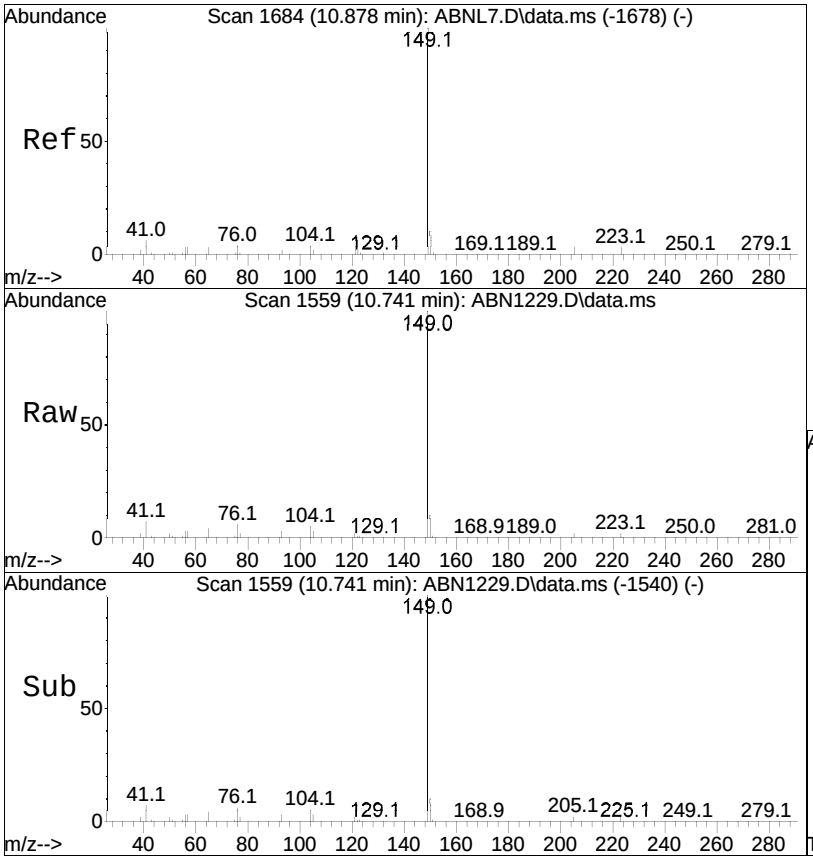


#91
Carbazole
Concen: 44.66 ug/ml
RT: 10.365 min Scan# 1495
Delta R.T. -0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:167 Resp: 1250696

Ion	Ratio	Lower	Upper
167	100		
168	13.6	11.3	16.9
166	24.2	17.8	26.8

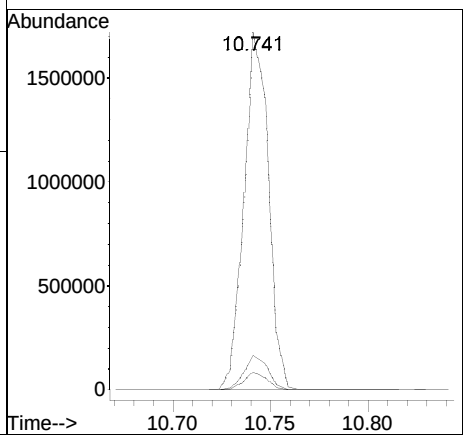


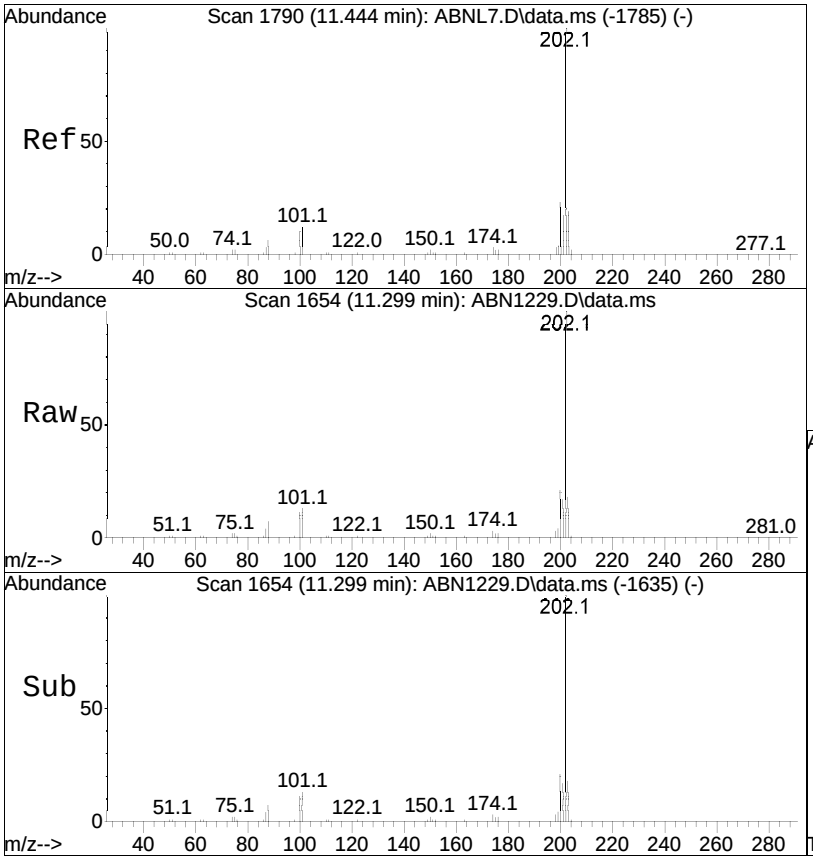


#92
Di-n-butylphthalate
Concen: 49.38 ug/ml
RT: 10.741 min Scan# 1559
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:149 Resp: 1479362

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.7	3.8	5.8

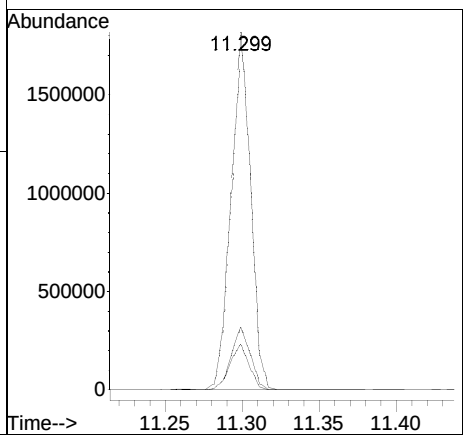


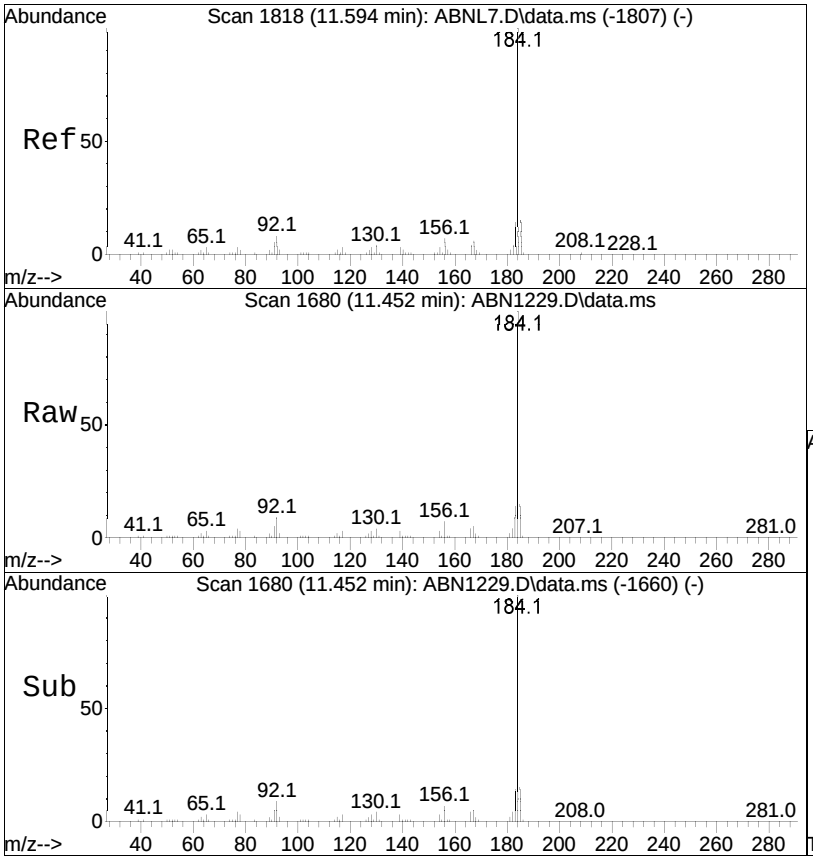


#93
Fluoranthene
Concen: 45.08 ug/ml
RT: 11.299 min Scan# 1654
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:202 Resp: 1569783

Ion	Ratio	Lower	Upper
202	100		
101	12.9	12.6	19.0
203	17.6	14.4	21.6

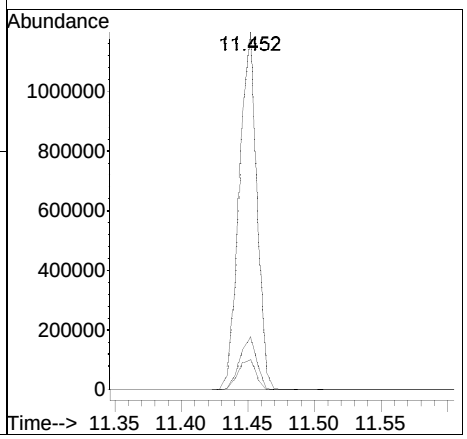


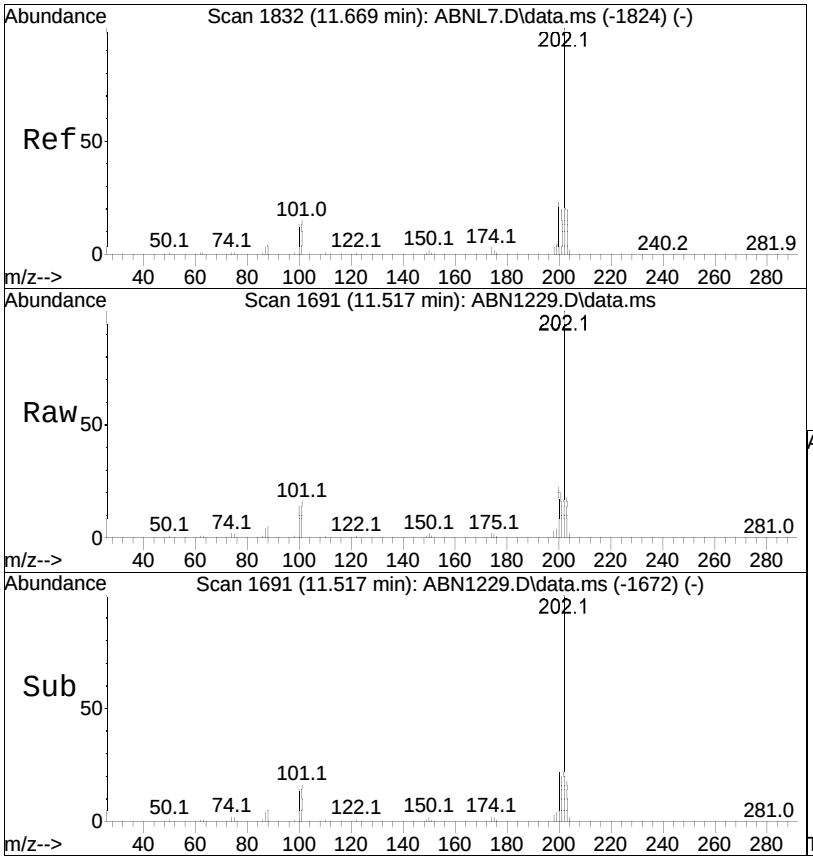


#94
Benzidine
Concen: 46.55 ug/ml
RT: 11.452 min Scan# 1680
Delta R.T. -0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:184 Resp: 1092464

Ion	Ratio	Lower	Upper
184	100		
92	8.9	8.4	12.6
185	14.6	11.5	17.3

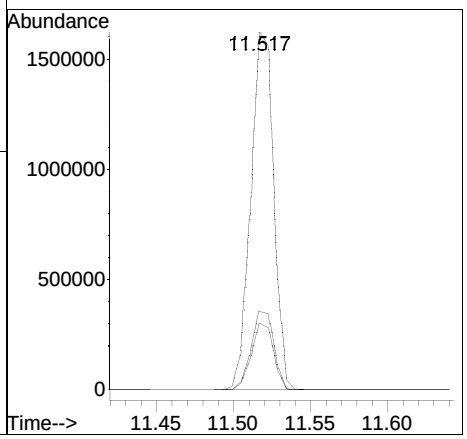


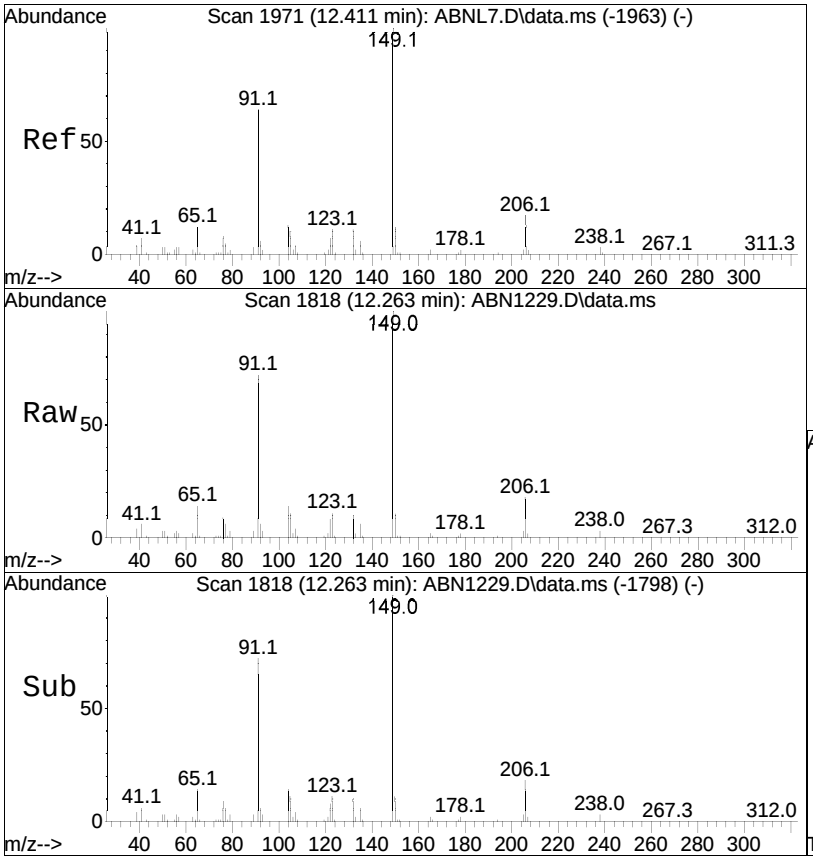


#95
Pyrene
Concen: 44.08 ug/ml
RT: 11.517 min Scan# 1691
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:202 Resp: 1660673

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.2	25.8
203	18.2	15.0	22.6

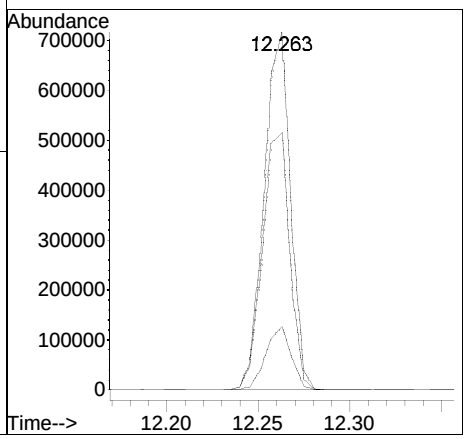


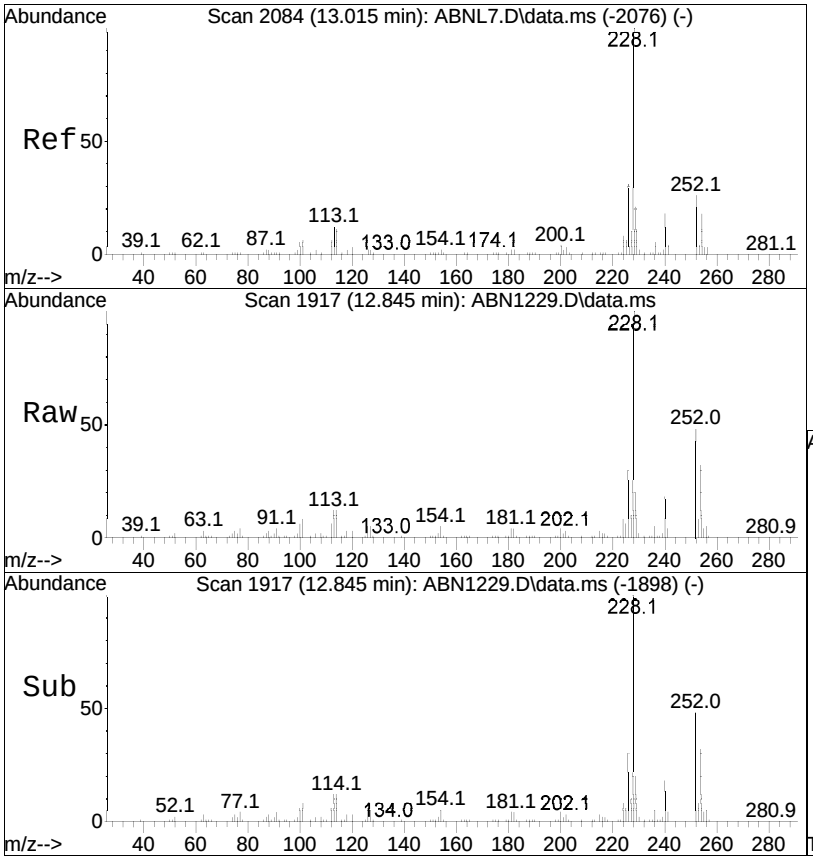


#97
Butyl benzyl phthalate
Concen: 45.46 ug/ml
RT: 12.263 min Scan# 1818
Delta R.T. -0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:149 Resp: 704595

Ion	Ratio	Lower	Upper
149	100		
91	74.8	53.4	80.2
206	17.3	13.3	19.9

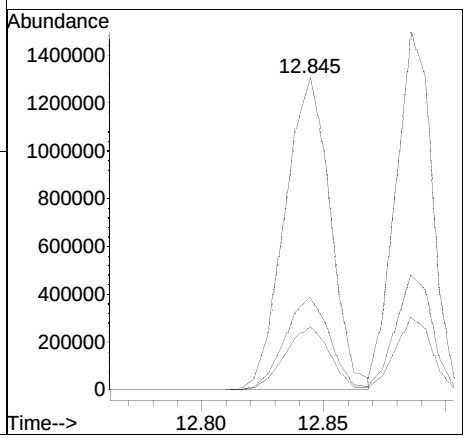


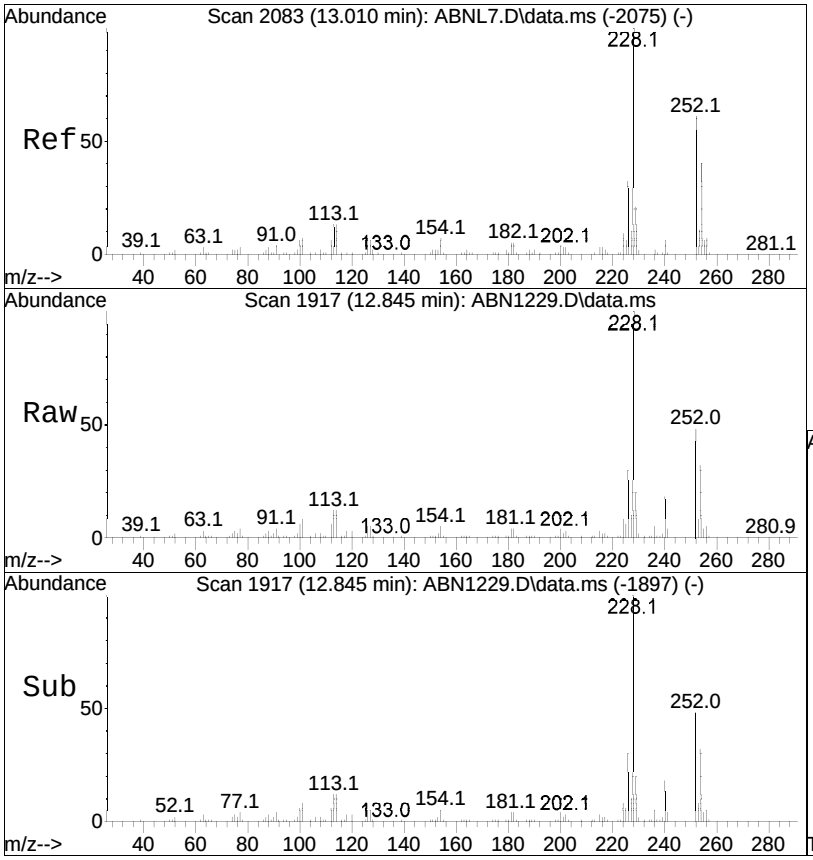


#105
Benzo(a)anthracene
Concen: 48.11 ug/ml
RT: 12.845 min Scan# 1917
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:228 Resp: 1699492

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.9	34.3
229	20.1	16.1	24.1

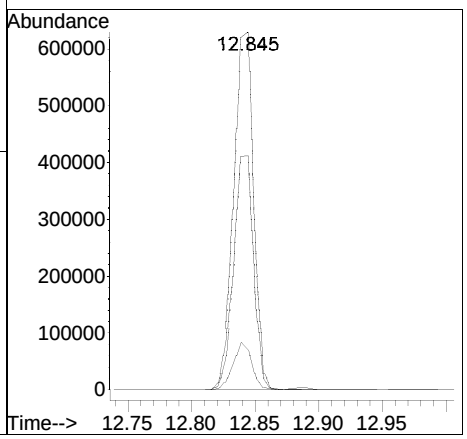


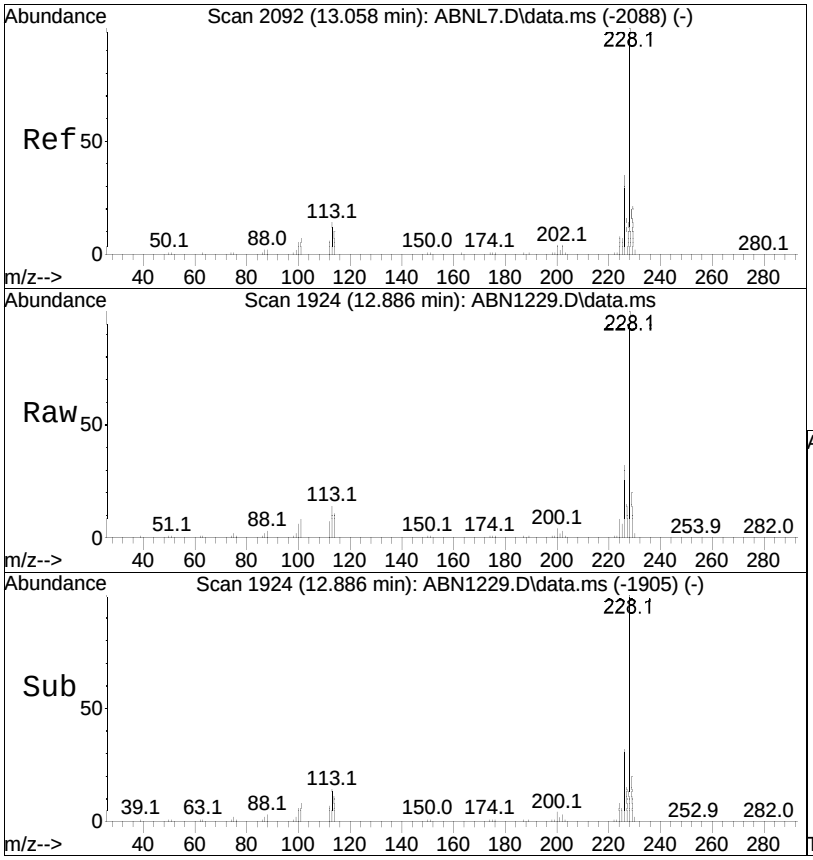


#106
3,3'-Dichlorobenzidine
Concen: 54.29 ug/ml
RT: 12.845 min Scan# 1917
Delta R.T. -0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:252 Resp: 684935

Ion	Ratio	Lower	Upper
252	100		
126	12.6	13.4	20.0#
254	64.9	52.8	79.2

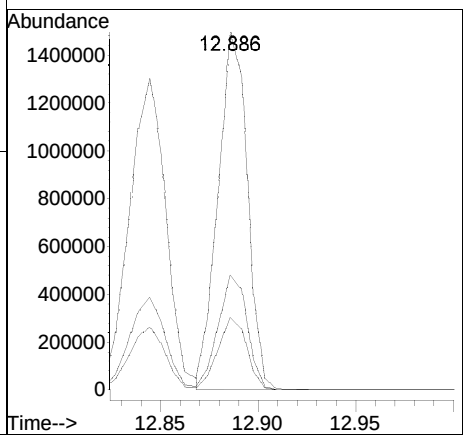


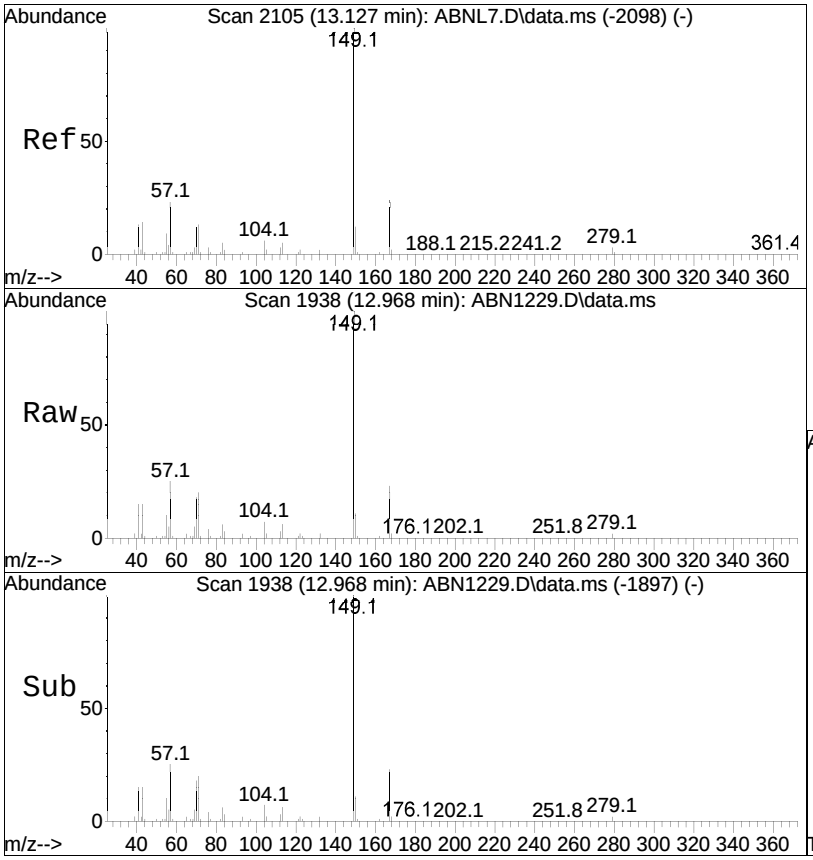


#107
Chrysene
Concen: 48.10 ug/ml
RT: 12.886 min Scan# 1924
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:228 Resp: 1560952

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	20.0	16.6	24.8

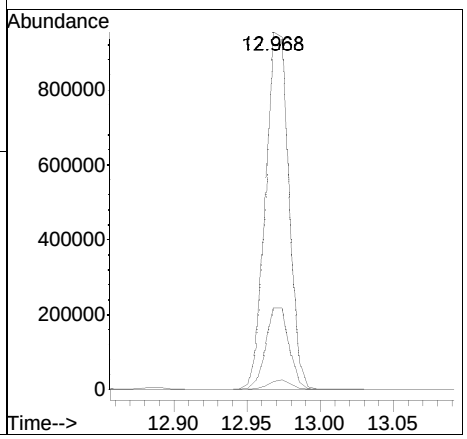


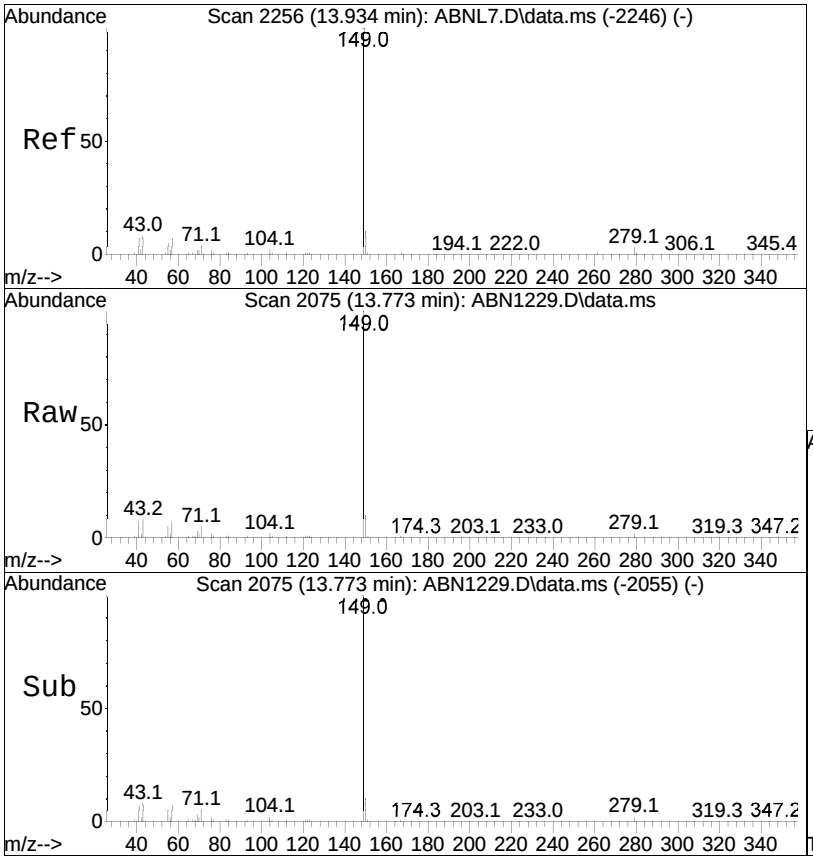


#108
Bis(2-ethylhexyl)phthalate
Concen: 58.16 ug/ml
RT: 12.968 min Scan# 1938
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:149 Resp: 1043723

Ion	Ratio	Lower	Upper
149	100		
167	23.0	21.2	31.8
279	2.4	3.8	5.6#

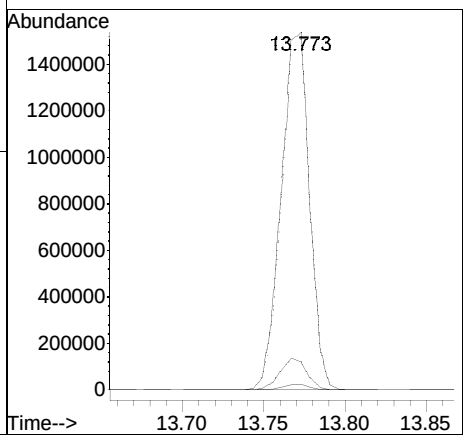


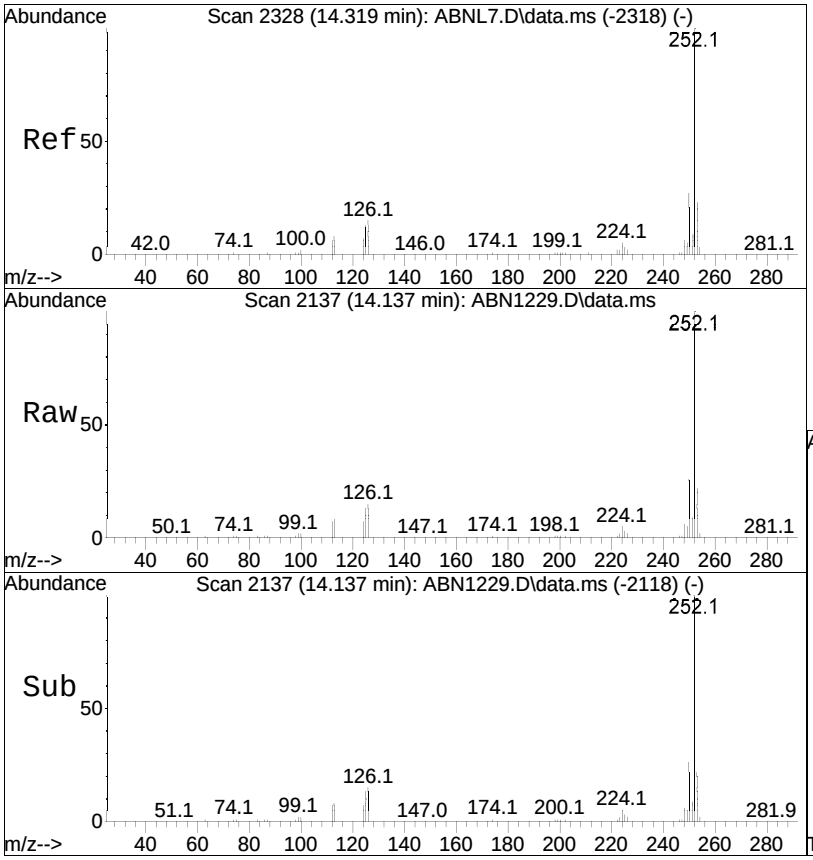


#109
Di-n-octylphthalate
Concen: 61.53 ug/ml
RT: 13.773 min Scan# 2075
Delta R.T. -0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:149 Resp: 1832666

Ion	Ratio	Lower	Upper
149	100		
43	8.5	8.0	12.0
167	1.4	1.0	1.6

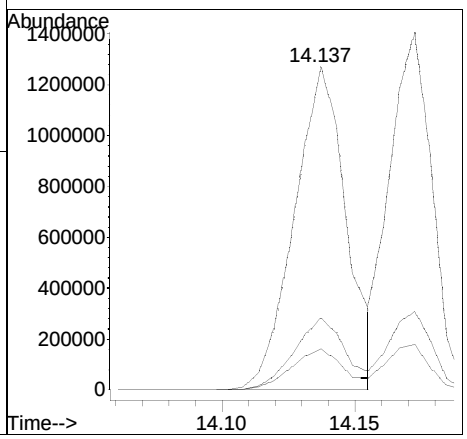


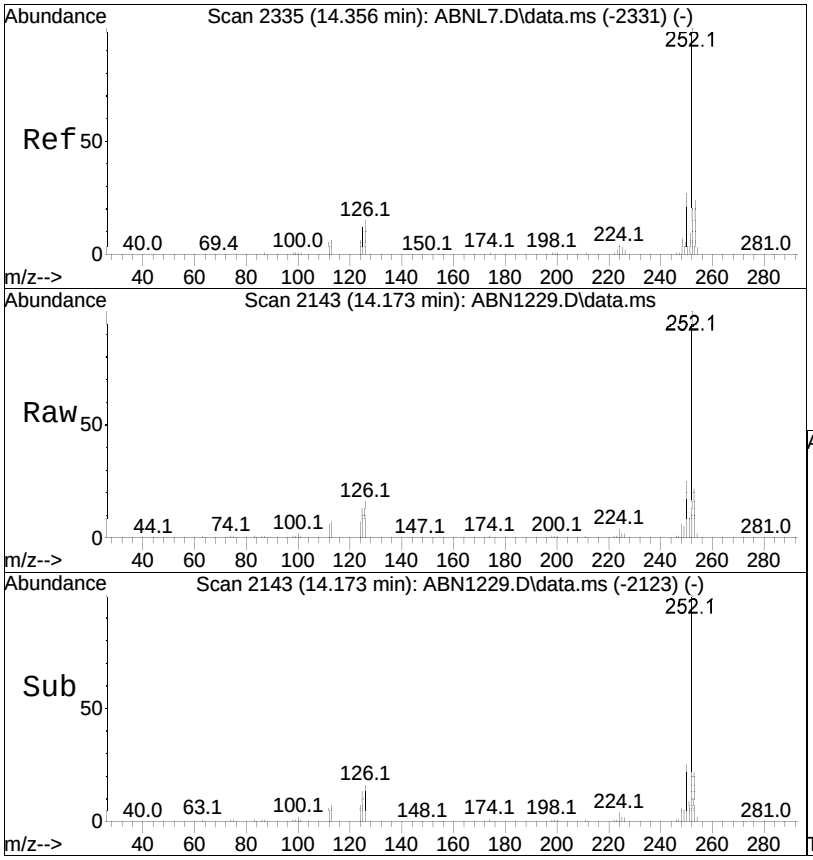


#110
Benzo(b)fluoranthene
Concen: 50.76 ug/ml
RT: 14.137 min Scan# 2137
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:252 Resp: 1736227

Ion	Ratio	Lower	Upper
252	100		
125	13.0	12.6	18.8
253	22.2	18.2	27.2

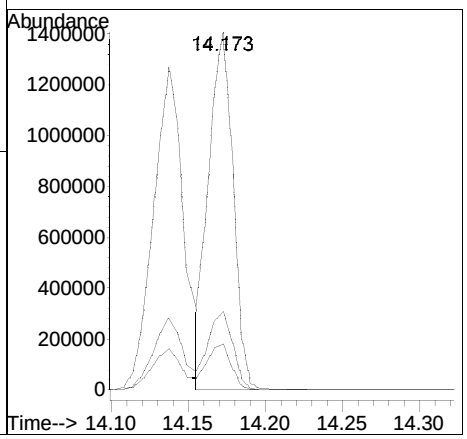


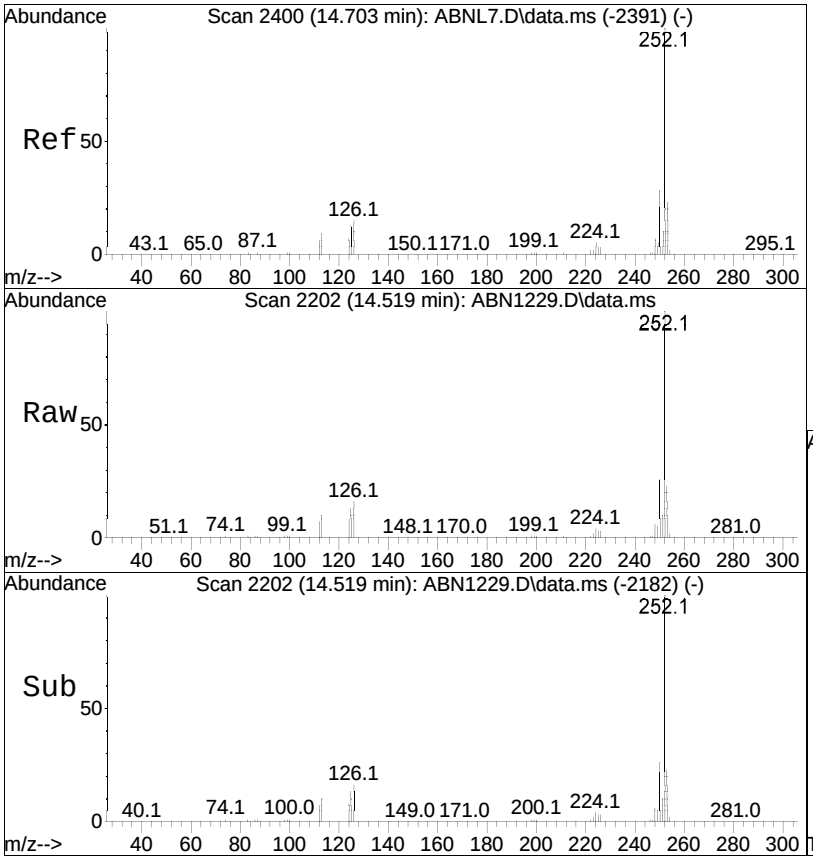


#111
Benzo(k)fluoranthene
Concen: 45.01 ug/ml
RT: 14.173 min Scan# 2143
Delta R.T. -0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:252 Resp: 1545125

Ion	Ratio	Lower	Upper
252	100		
125	12.5	12.1	18.1
253	22.0	18.1	27.1

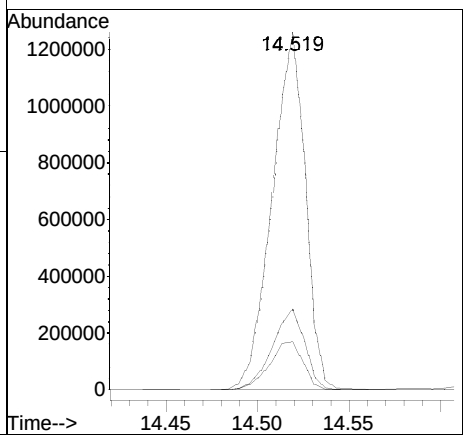


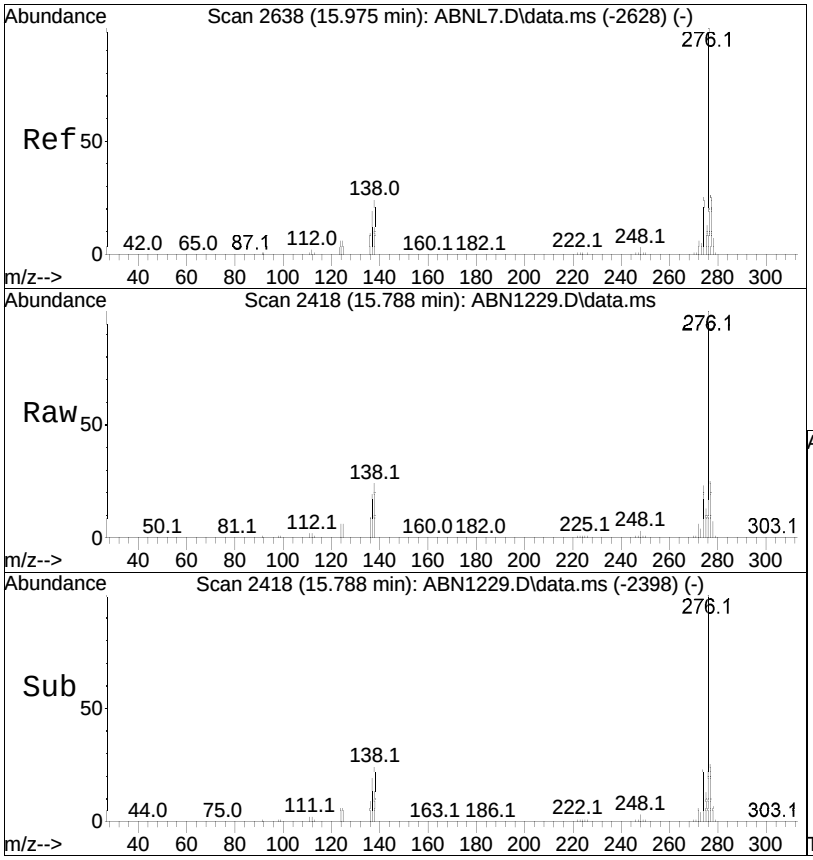


#112
Benzo(a)pyrene
Concen: 48.63 ug/ml
RT: 14.519 min Scan# 2202
Delta R.T. -0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:252 Resp: 1574766

Ion	Ratio	Lower	Upper
252	100		
125	13.8	13.3	19.9
253	22.3	18.2	27.4

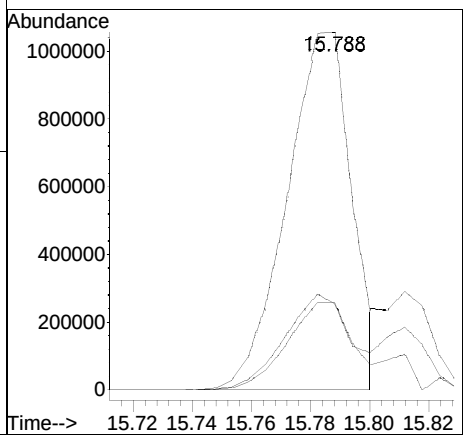


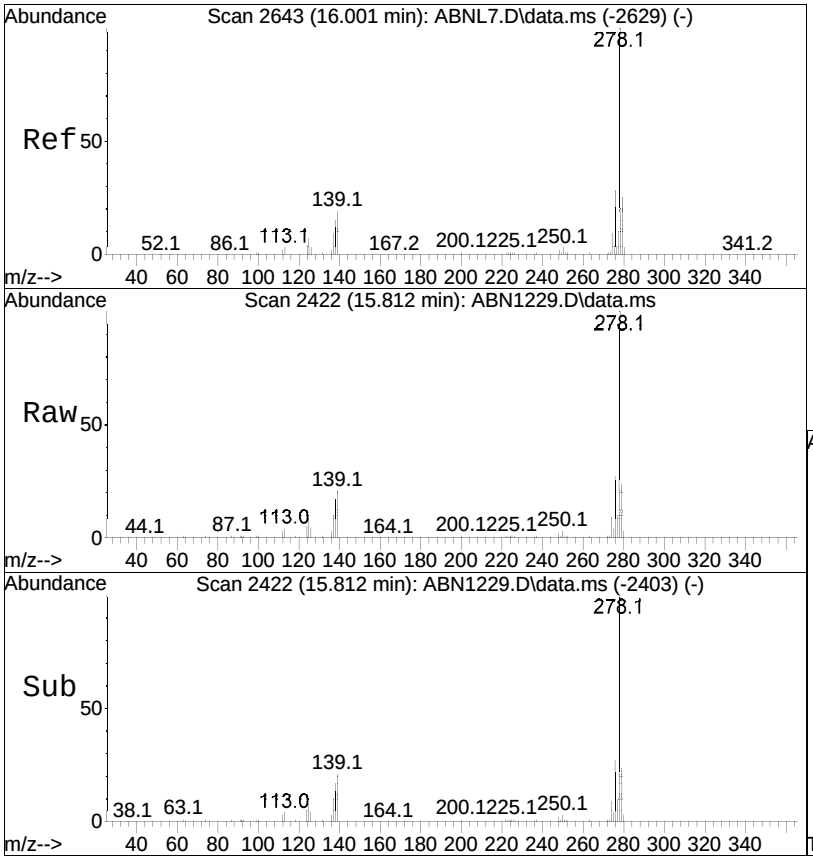


#114
Indeno(1,2,3-cd)pyrene
Concen: 49.65 ug/mL M6
RT: 15.788 min Scan# 2418
Delta R.T. -0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:276 Resp: 1608204

Ion	Ratio	Lower	Upper
276	100		
138	27.7	26.7	40.1
277	30.2	20.4	30.6

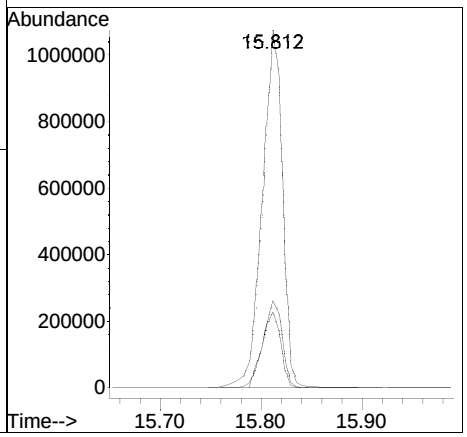


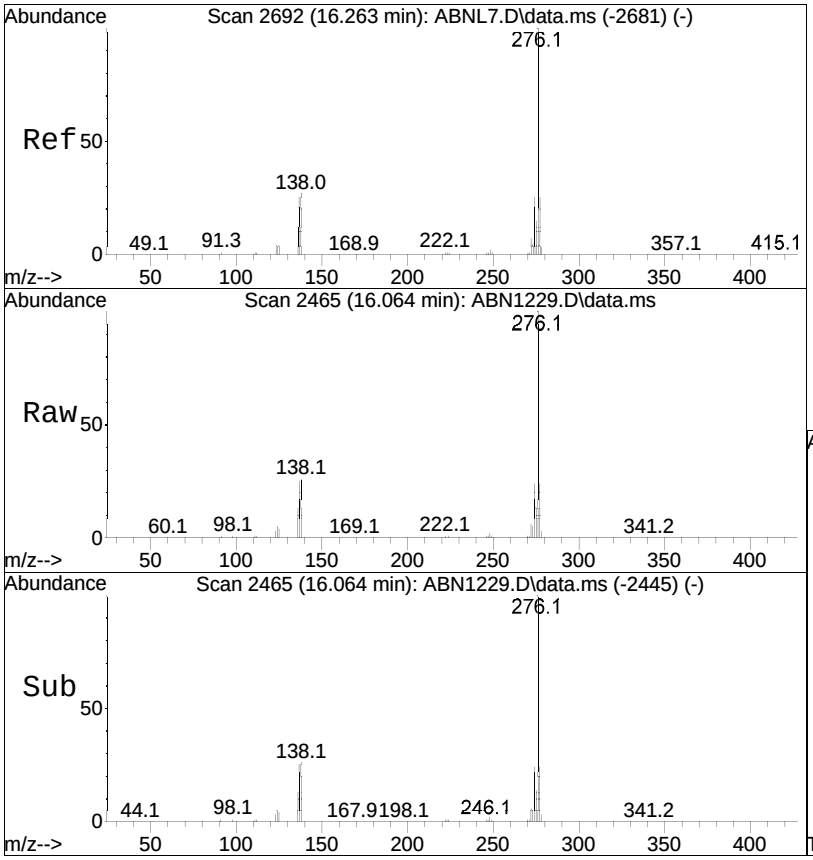


#115
Dibenzo(a,h)anthracene
Concen: 44.64 ug/ml
RT: 15.812 min Scan# 2422
Delta R.T. -0.012 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:278 Resp: 1471121

Ion	Ratio	Lower	Upper
278	100		
139	20.1	18.2	27.4
279	23.6	19.3	28.9

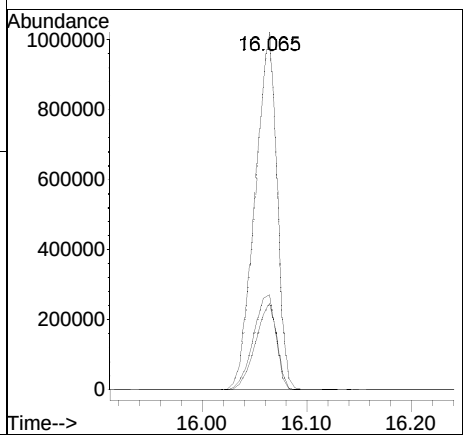




#116
Benzo(ghi)perylene
Concen: 46.87 ug/ml
RT: 16.064 min Scan# 2465
Delta R.T. -0.006 min
Lab File: ABN1229.D
Acq: 29 Dec 2025 8:58 am

Tgt Ion:276 Resp: 1473288

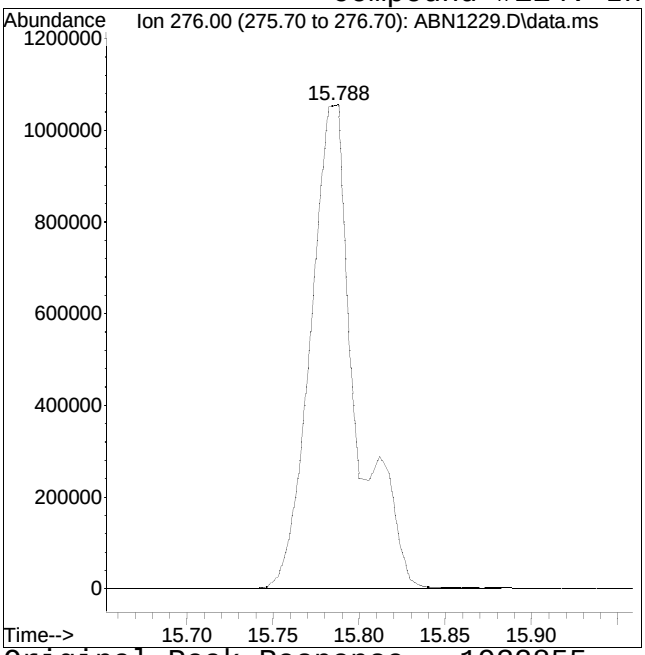
Ion	Ratio	Lower	Upper
276	100		
138	27.6	26.1	39.1
277	24.1	19.4	29.0



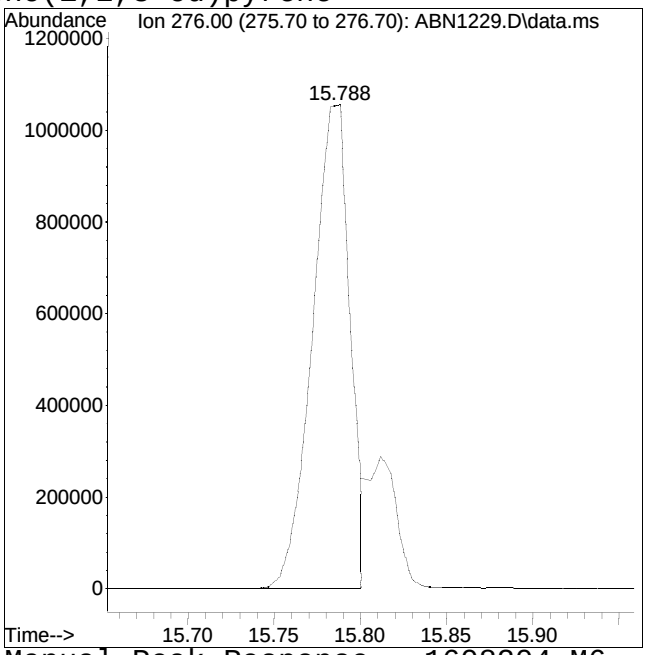
Manual Integration Report

Data Path : I:\8270\GCMS5\251229\ QMethod : FS250731GCMS5.m
Data File : ABN1229.D Operator : GCMS5:smz
Date Inj'd : 12/29/2025 8:58 am Instrument : GCMS5
Sample : wg2159627-3,32,,ABN 12168 Quant Date : 12/29/2025 9:17 am

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 1932855



Manual Peak Response = 1608204 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : I:\8270\GCMS5\251229\
Data File : AP91229.D
Acq On : 29 Dec 2025 9:24 am
Operator : GCMS5:smz
Sample : wg2159627-4,32,,AP9 12053 gmr1227A
Misc : wg2159627,,ical22516
ALS Vial : 97 Sample Multiplier: 1

Quant Time: Dec 29 09:43:36 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 09:58:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
27	I	IS2_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	121	0.00
28	T	Benzaldehyde	* 50.000	65.535	-31.1#	168	0.00
29	T	Acetophenone	1.695	1.847	-9.0	133	0.00
30	T	m-Toluidine	1.478	1.946	-31.7#	161	0.00
31	T	2-Chloroaniline	1.573	1.641	-4.3	125	0.00
55	I	IS2_Naphthalene-d8	1.000	1.000	0.0	118	0.00
56	T	a-Terpineol	0.263	0.278	-5.7	123	0.00
57	T	3-Chloroaniline	0.131	0.156	-19.1	140	0.00
58	T	2,6-Dichlorophenol	0.295	0.317	-7.5	124	0.00
59	T	1-chloro-2-nitrobenzene	0.126	0.150	-19.0	135	0.00
60	T	Caprolactam	0.144	0.147	-2.1	113	0.00
61	T	1,2,4,5-Tetrachlorobenzene	0.390	0.395	-1.3	125	0.00
62	T	Biphenyl	0.886	0.875	1.2	120	0.00
83	I	IS2_Acenaphthene-d10	1.000	1.000	0.0	114	0.00
84	T	Dichloran	* 50.000	53.539	-7.1	137	0.00
85	T	Pentachloronitrobenzene	0.187	0.192	-2.7	114	0.00
98	I	IS2_Phenanthrene-d10	1.000	1.000	0.0	111	0.00
99	T	Diphenamid	0.482	0.533	-10.6	117	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\251229\
Data File : AP91229.D
Acq On : 29 Dec 2025 9:24 am
Operator : GCMS5:smz
Sample : wg2159627-4,32,,AP9 12053 gmr1227A
Misc : wg2159627,,ical22516
ALS Vial : 97 Sample Multiplier: 1

Quant Time: Dec 29 09:43:36 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 09:58:21 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	5.612	152	201235	40.000	ug/ml	-0.01
55) IS2_Naphthalene-d8	6.946	136	774576	40.000	ug/ml	-0.01
83) IS2_Acenaphthene-d10	8.685	164	468814	40.000	ug/ml	-0.01
98) IS2_Phenanthrene-d10	10.125	188	1000205	40.000	ug/ml	# 0.00
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	5.113	105	274050	65.535	ug/ml	93
29) Acetophenone	6.065	105	464541	54.473	ug/ml#	88
30) m-Toluidine	6.153	106	489601	65.826	ug/ml	97
31) 2-Chloroaniline	6.540	127	412826	52.170	ug/ml	96
56) a-Terpineol	7.011	59	268749	52.751	ug/ml	99
57) 3-Chloroaniline	7.028	65	150629	59.489	ug/ml	73
58) 2,6-Dichlorophenol	7.058	162	306595	53.682	ug/ml	96
59) 1-chloro-2-nitrobenzene	7.316	111	144753	59.154	ug/ml	94
60) Caprolactam	7.369	55	141863	50.723	ug/ml#	89
61) 1,2,4,5-Tetrachloroben...	7.839	216	382397	50.662	ug/ml	99
62) Biphenyl	8.139	154	846806	49.364	ug/ml	97
84) Dichloran	9.819	206	136785	53.539	ug/ml	87
85) Pentachloronitrobenzene	9.972	237	112349	51.246	ug/ml	92
99) Diphenamid	11.024	167	665794	55.295	ug/ml	95

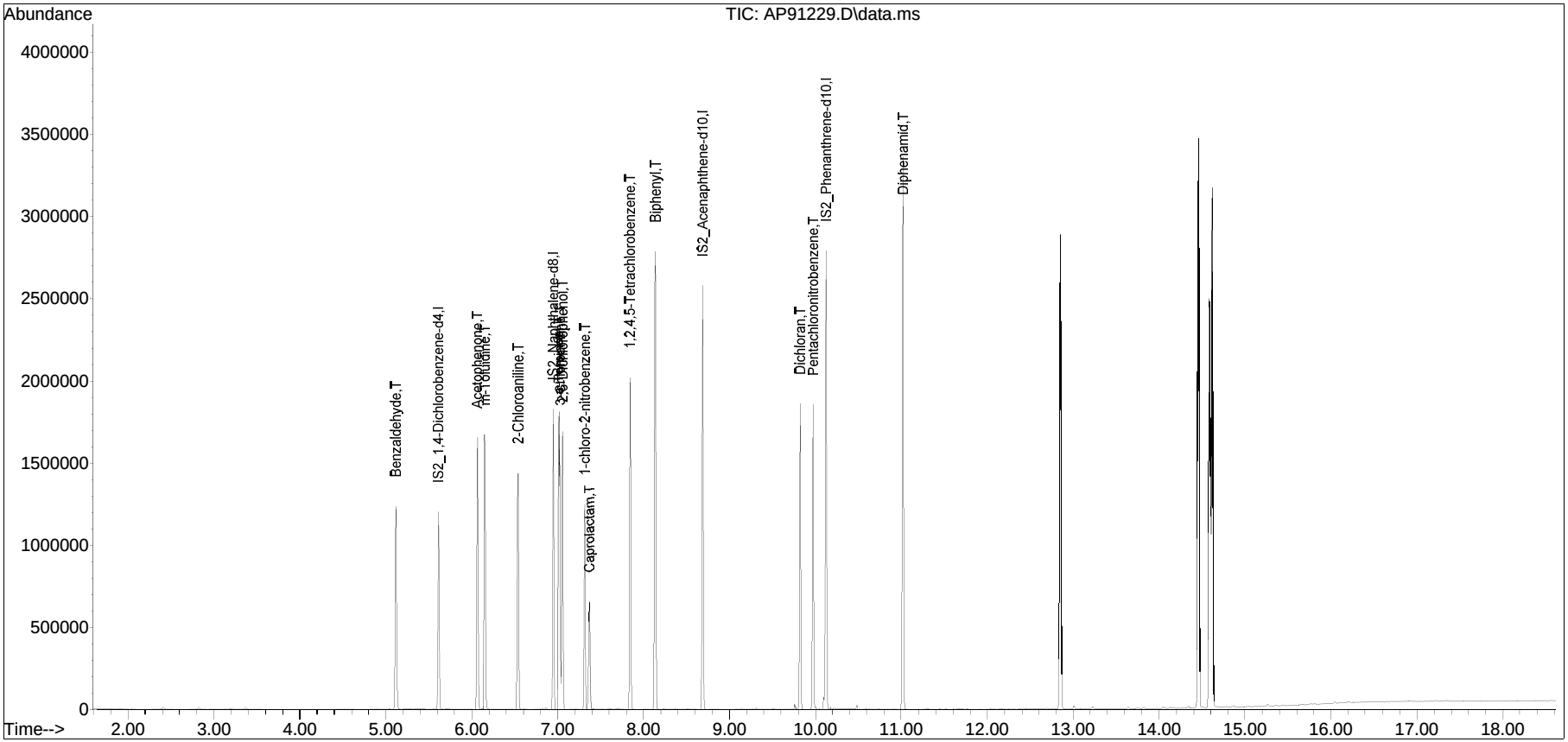
(#) = qualifier out of range (m) = manual integration (+) = signals summed

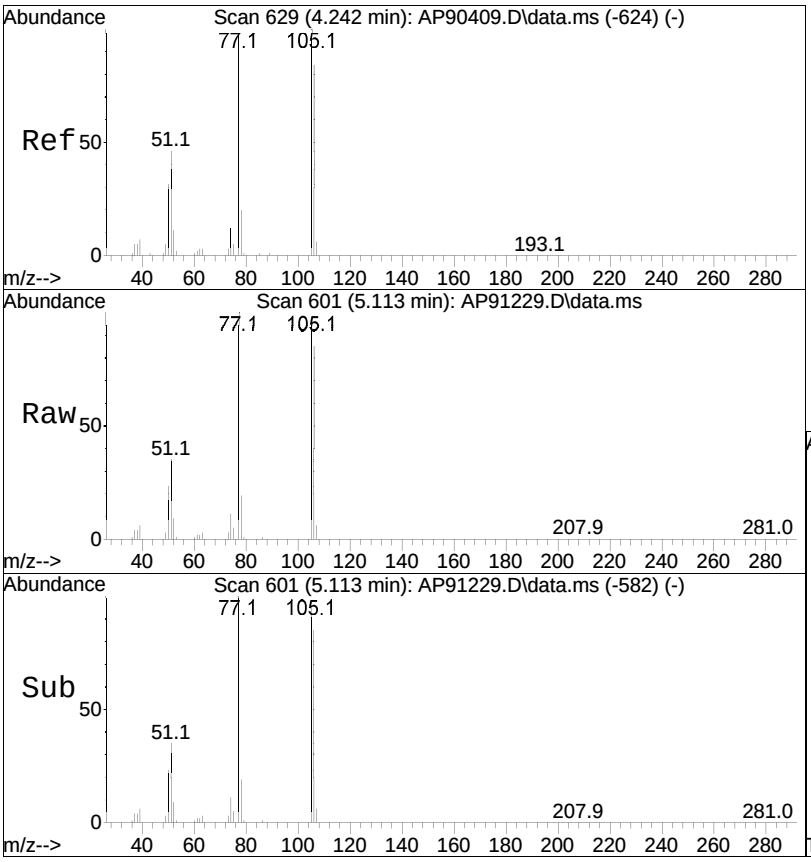
Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\251229\
Data File : AP91229.D
Acq On : 29 Dec 2025 9:24 am
Operator : GCMS5:smz
Sample : wg2159627-4,32,,AP9 12053 gmr1227A
Misc : wg2159627,,ical22516
ALS Vial : 97 Sample Multiplier: 1

Quant Time: Dec 29 09:43:36 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 09:58:21 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublist

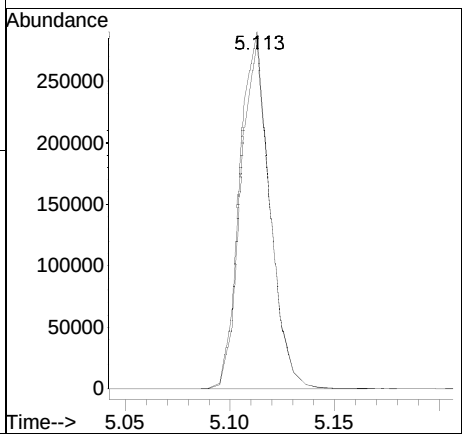


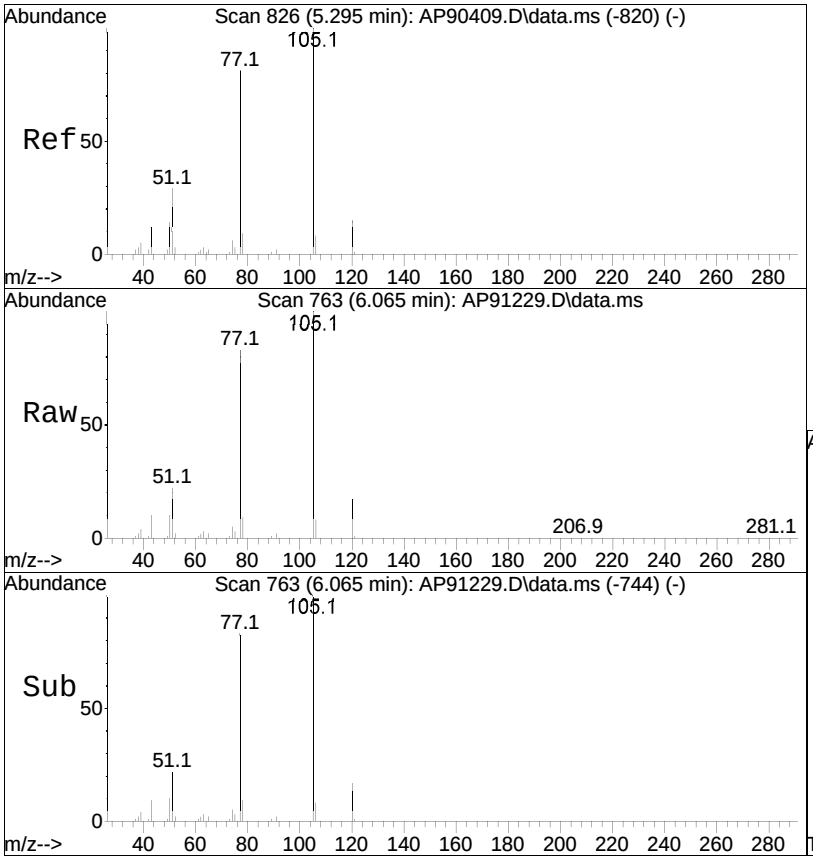


#28
Benzaldehyde
Concen: 65.54 ug/ml
RT: 5.113 min Scan# 601
Delta R.T. -0.012 min
Lab File: AP91229.D
Acq: 29 Dec 2025 9:24 am

Tgt Ion:105 Resp: 274050

Ion	Ratio	Lower	Upper
105	100		
77	105.8	79.3	118.9

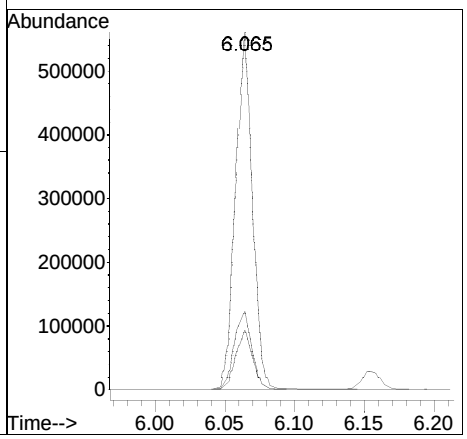


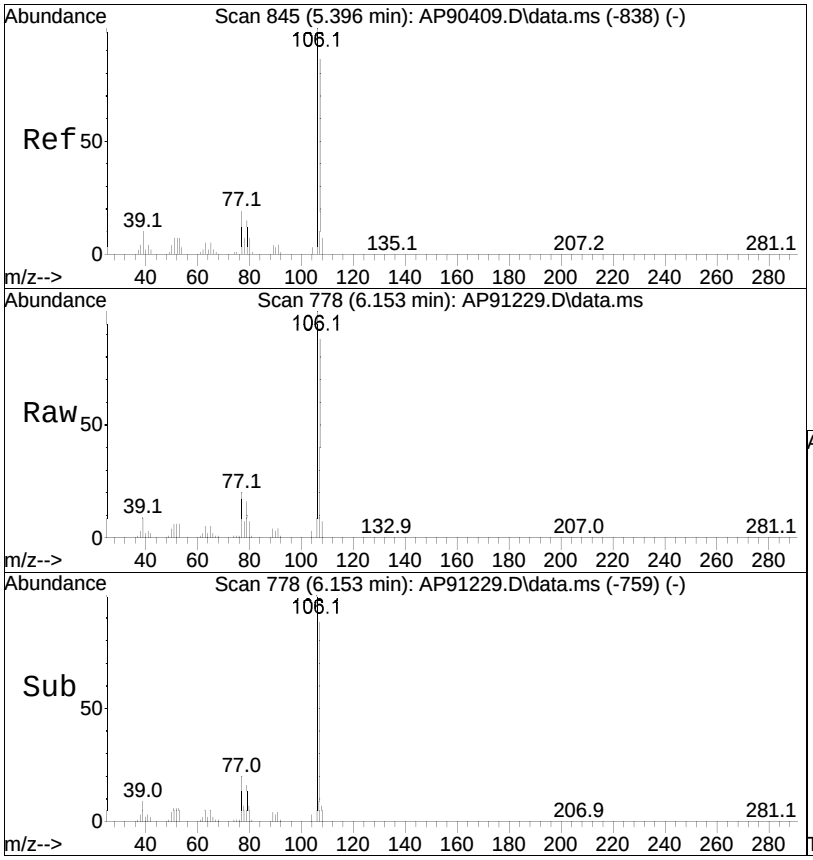


#29
Acetophenone
Concen: 54.47 ug/ml
RT: 6.065 min Scan# 763
Delta R.T. -0.012 min
Lab File: AP91229.D
Acq: 29 Dec 2025 9:24 am

Tgt Ion:105 Resp: 464541

Ion	Ratio	Lower	Upper
105	100		
120	16.8	17.4	26.2#
51	23.0	23.8	35.6#

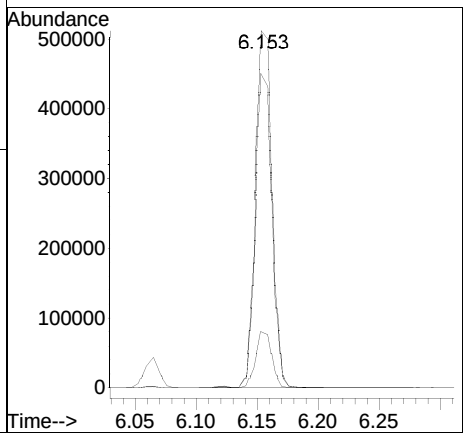


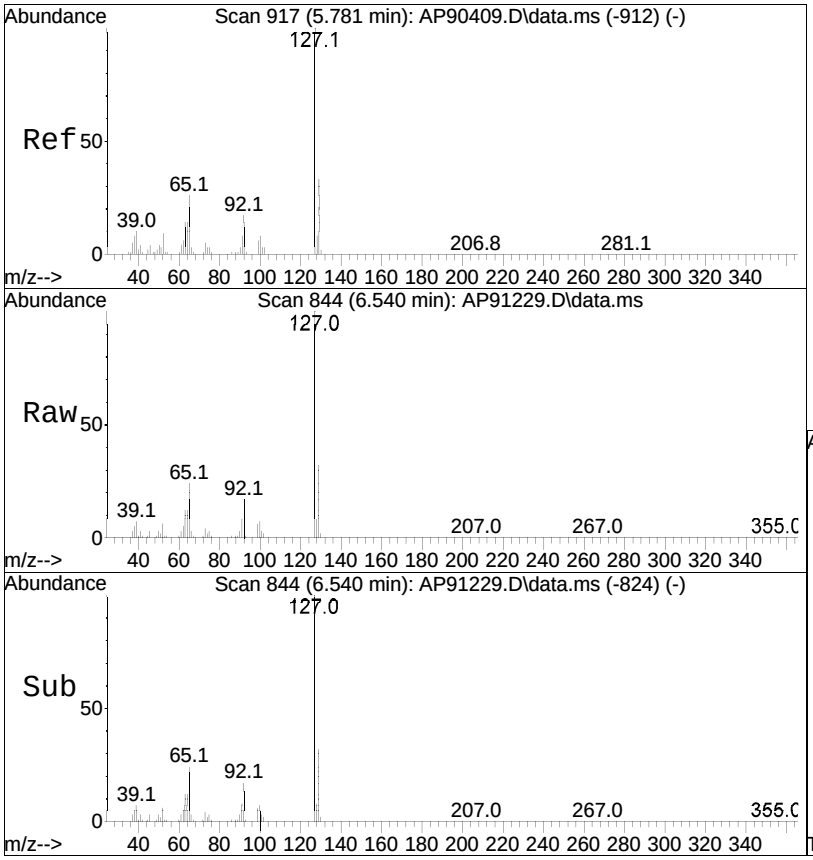


#30
m-Toluidine
Concen: 65.83 ug/ml
RT: 6.153 min Scan# 778
Delta R.T. -0.012 min
Lab File: AP91229.D
Acq: 29 Dec 2025 9:24 am

Tgt Ion:106 Resp: 489601

Ion	Ratio	Lower	Upper
106	100		
107	87.2	72.5	108.7
79	15.3	11.4	17.2

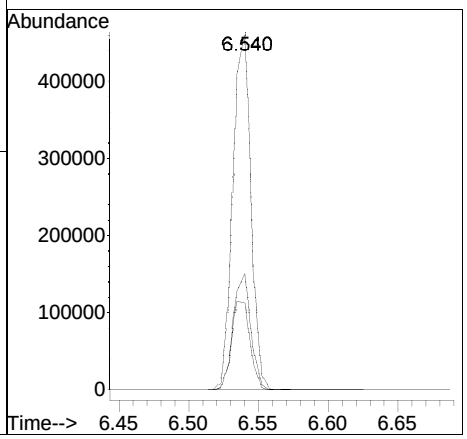


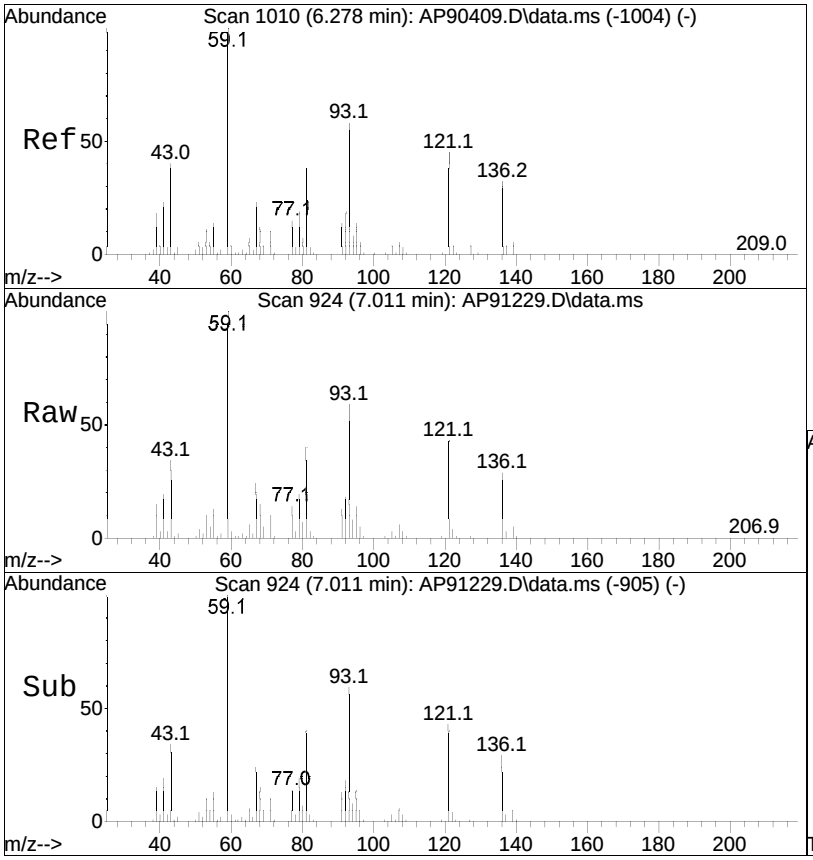


#31
2-Chloroaniline
Concen: 52.17 ug/ml
RT: 6.540 min Scan# 844
Delta R.T. -0.006 min
Lab File: AP91229.D
Acq: 29 Dec 2025 9:24 am

Tgt Ion:127 Resp: 412826

Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.5	38.3
65	25.8	17.3	25.9

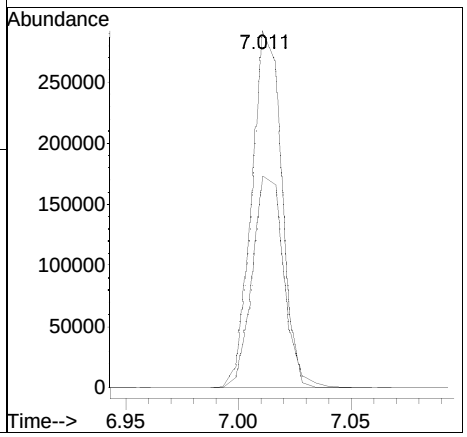


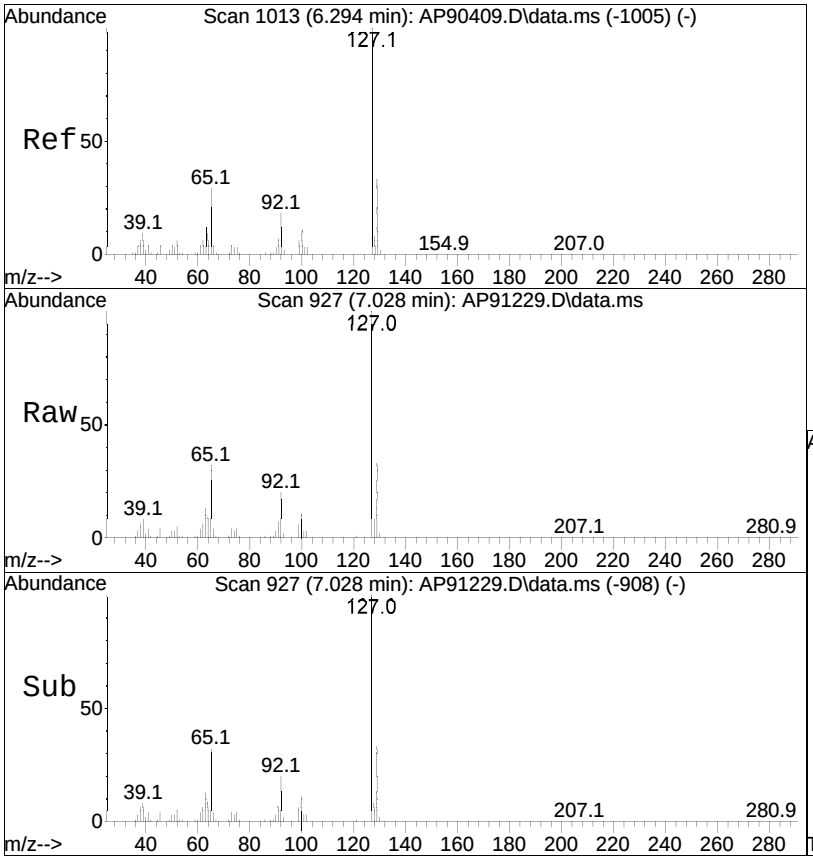


#56
a-Terpineol
Concen: 52.75 ug/ml
RT: 7.011 min Scan# 924
Delta R.T. -0.012 min
Lab File: AP91229.D
Acq: 29 Dec 2025 9:24 am

Tgt Ion: 59 Resp: 268749

Ion	Ratio	Lower	Upper
59	100		
93	62.6	49.3	73.9

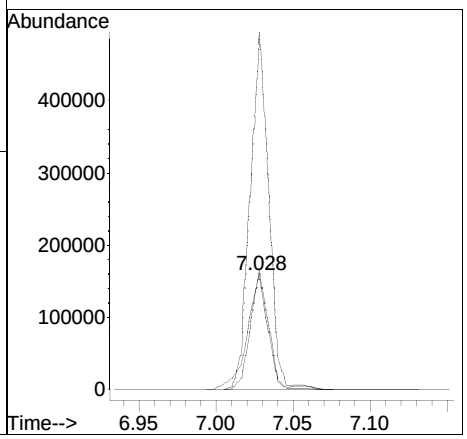


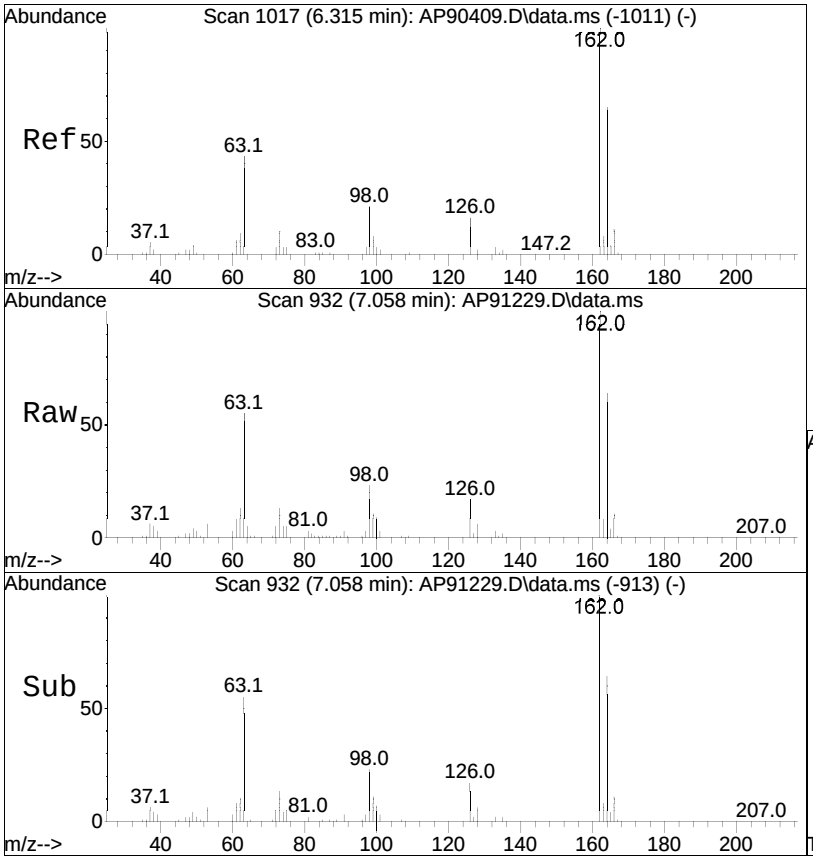


#57
3-Chloroaniline
Concen: 59.49 ug/ml
RT: 7.028 min Scan# 927
Delta R.T. -0.012 min
Lab File: AP91229.D
Acq: 29 Dec 2025 9:24 am

Tgt Ion: 65 Resp: 150629

Ion	Ratio	Lower	Upper
65	100		
127	274.1	269.3	403.9
129	89.5	88.2	132.4

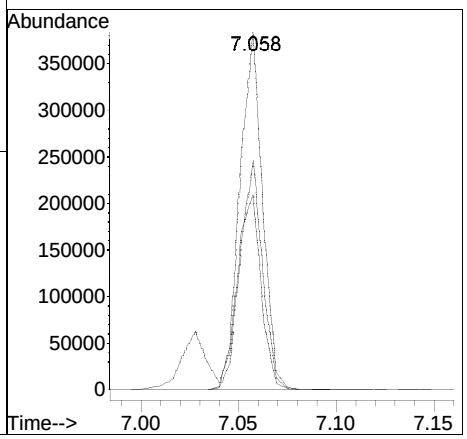


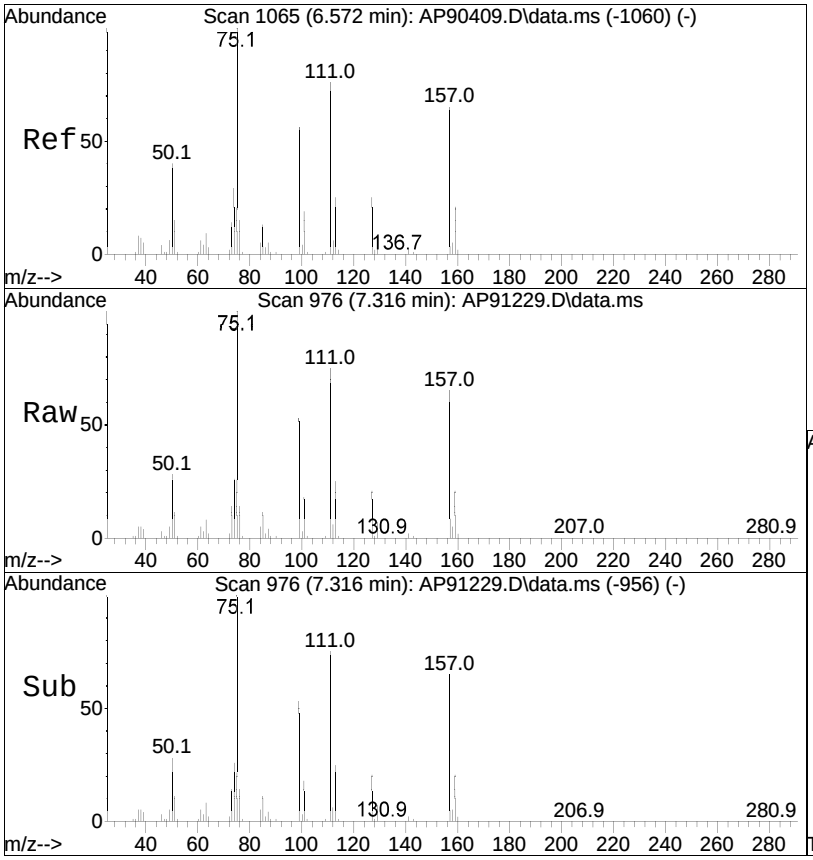


#58
2,6-Dichlorophenol
Concen: 53.68 ug/ml
RT: 7.058 min Scan# 932
Delta R.T. -0.012 min
Lab File: AP91229.D
Acq: 29 Dec 2025 9:24 am

Tgt Ion:162 Resp: 306595

Ion	Ratio	Lower	Upper
162	100		
164	63.6	51.8	77.6
63	57.0	41.7	62.5

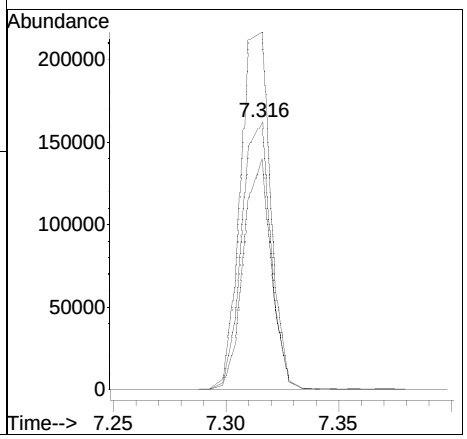


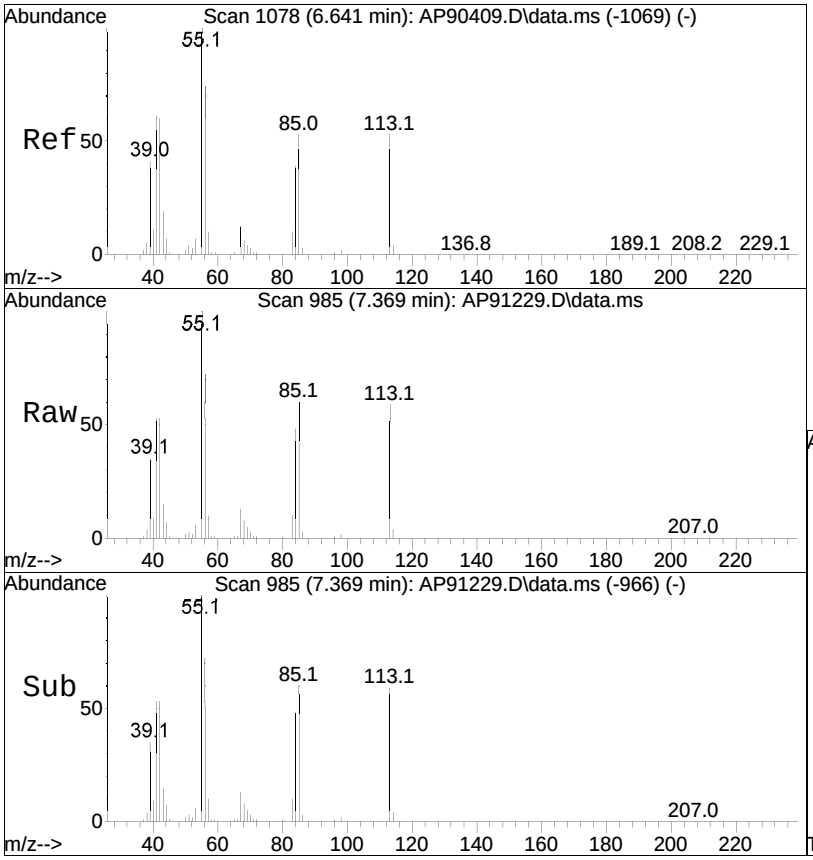


#59
1-chloro-2-nitrobenzene
Concen: 59.15 ug/ml
RT: 7.316 min Scan# 976
Delta R.T. -0.006 min
Lab File: AP91229.D
Acq: 29 Dec 2025 9:24 am

Tgt Ion:111 Resp: 144753

Ion	Ratio	Lower	Upper
111	100		
157	82.5	67.6	101.4
75	138.2	102.5	153.7

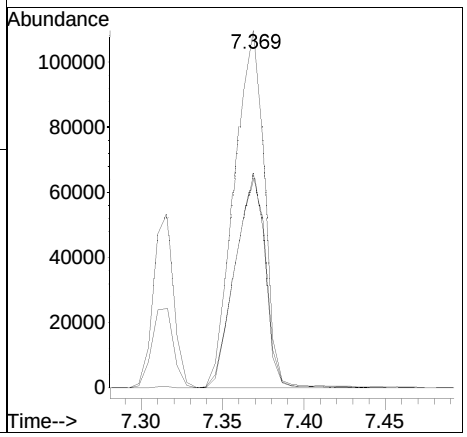


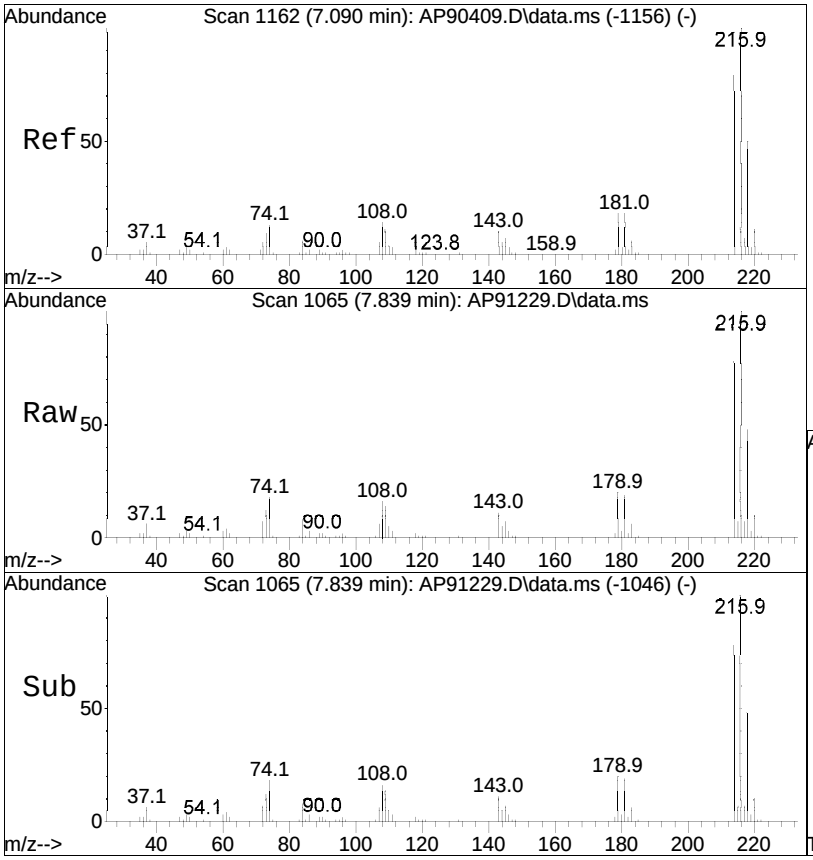


#60
Caprolactam
Concen: 50.72 ug/ml
RT: 7.369 min Scan# 985
Delta R.T. -0.012 min
Lab File: AP91229.D
Acq: 29 Dec 2025 9:24 am

Tgt Ion: 55 Resp: 141863

Ion	Ratio	Lower	Upper
55	100		
85	59.7	36.6	54.8#
113	60.0	50.2	75.2

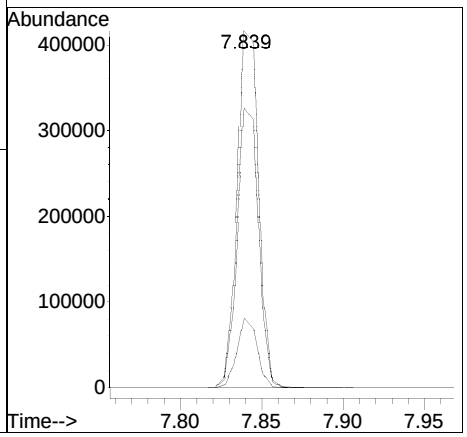


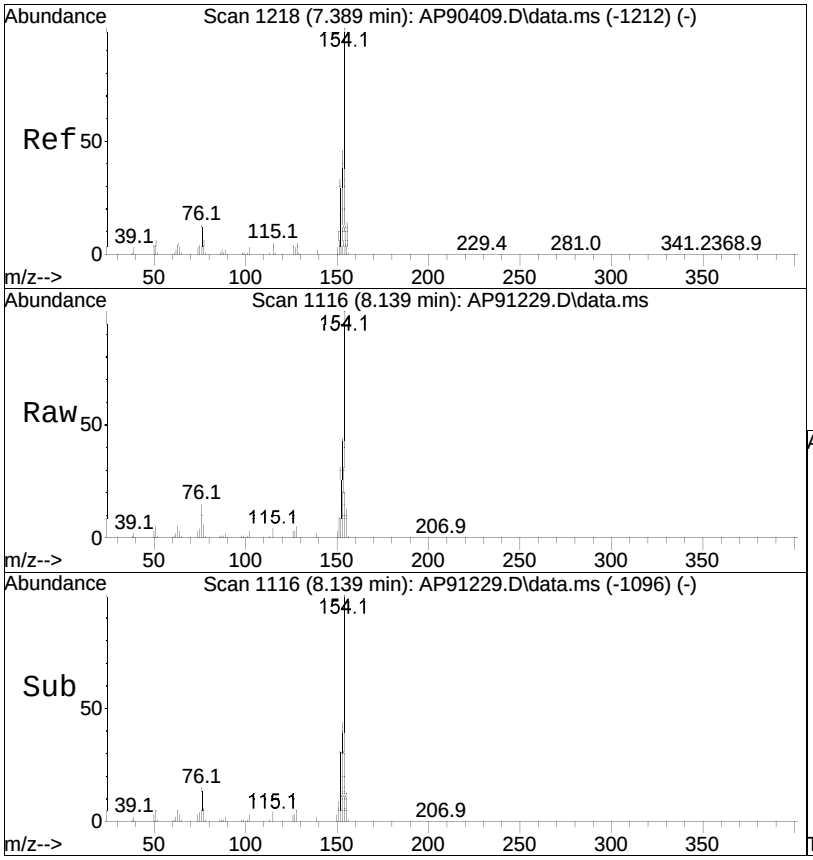


#61
1,2,4,5-Tetrachlorobenzene
Concen: 50.66 ug/ml
RT: 7.839 min Scan# 1065
Delta R.T. -0.012 min
Lab File: AP91229.D
Acq: 29 Dec 2025 9:24 am

Tgt Ion:216 Resp: 382397

Ion	Ratio	Lower	Upper
216	100		
214	77.7	63.0	94.4
179	18.4	15.3	22.9

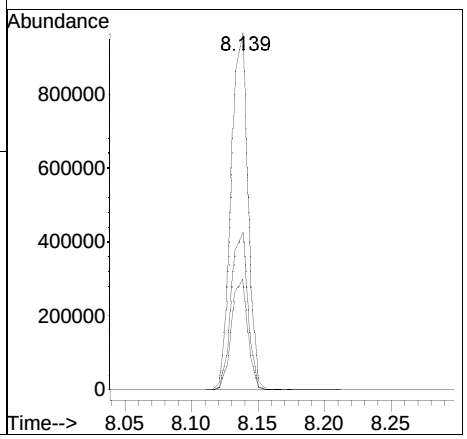


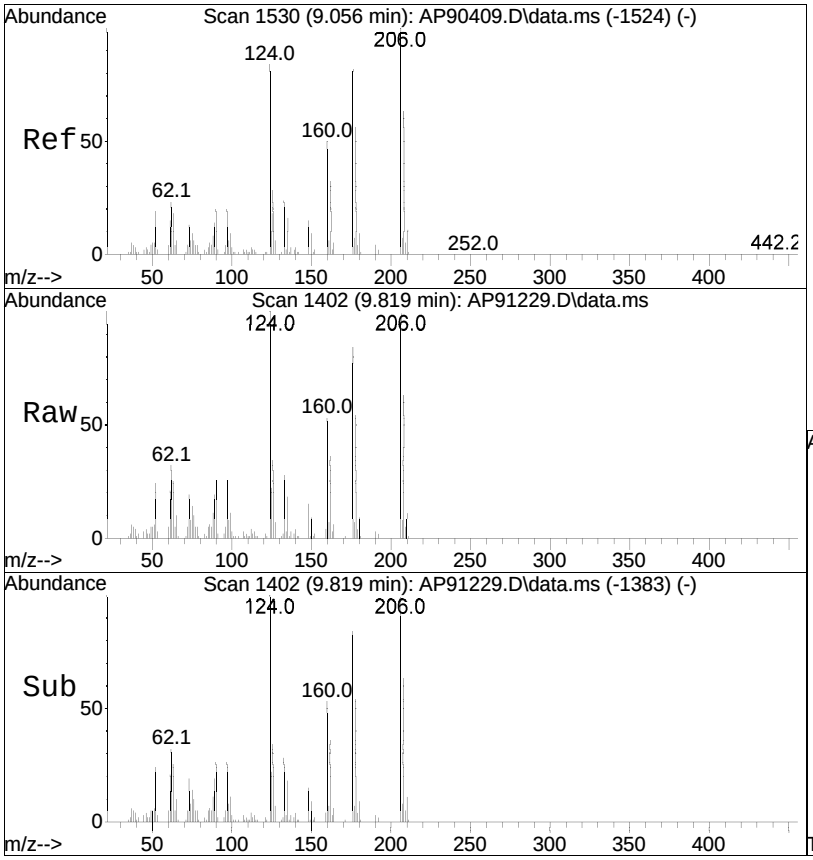


#62
Biphenyl
Concen: 49.36 ug/ml
RT: 8.139 min Scan# 1116
Delta R.T. -0.006 min
Lab File: AP91229.D
Acq: 29 Dec 2025 9:24 am

Tgt Ion:154 Resp: 846806

Ion	Ratio	Lower	Upper
154	100		
153	43.9	33.8	50.8
152	30.5	23.0	34.6

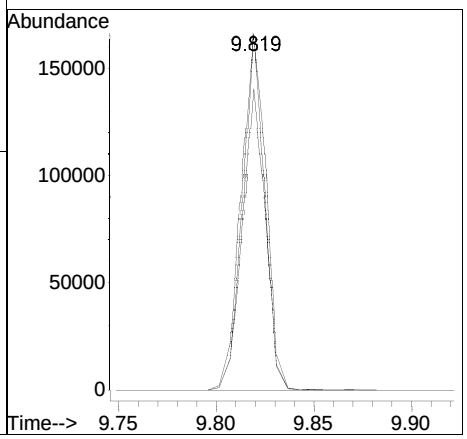


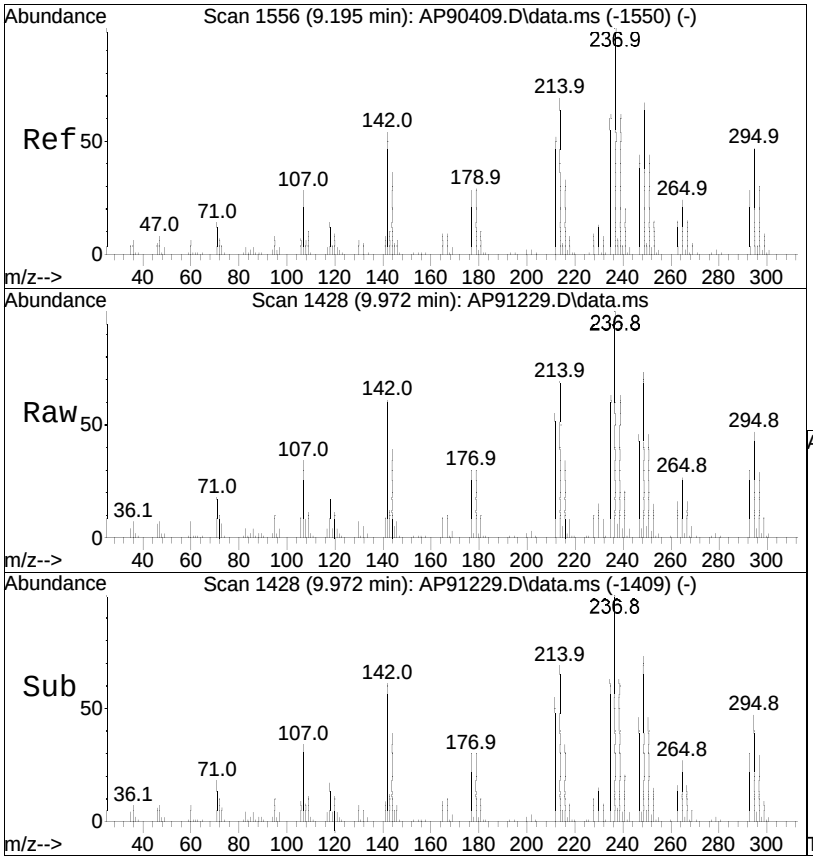


#84
Dichloran
Concen: 53.54 ug/ml
RT: 9.819 min Scan# 1402
Delta R.T. -0.012 min
Lab File: AP91229.D
Acq: 29 Dec 2025 9:24 am

Tgt Ion:206 Resp: 136785

Ion	Ratio	Lower	Upper
206	100		
176	83.4	82.7	124.1
124	100.1	86.2	129.4

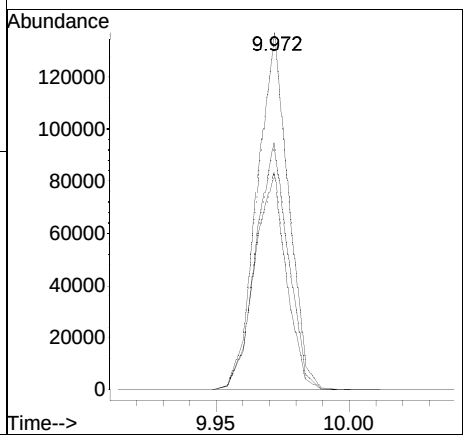


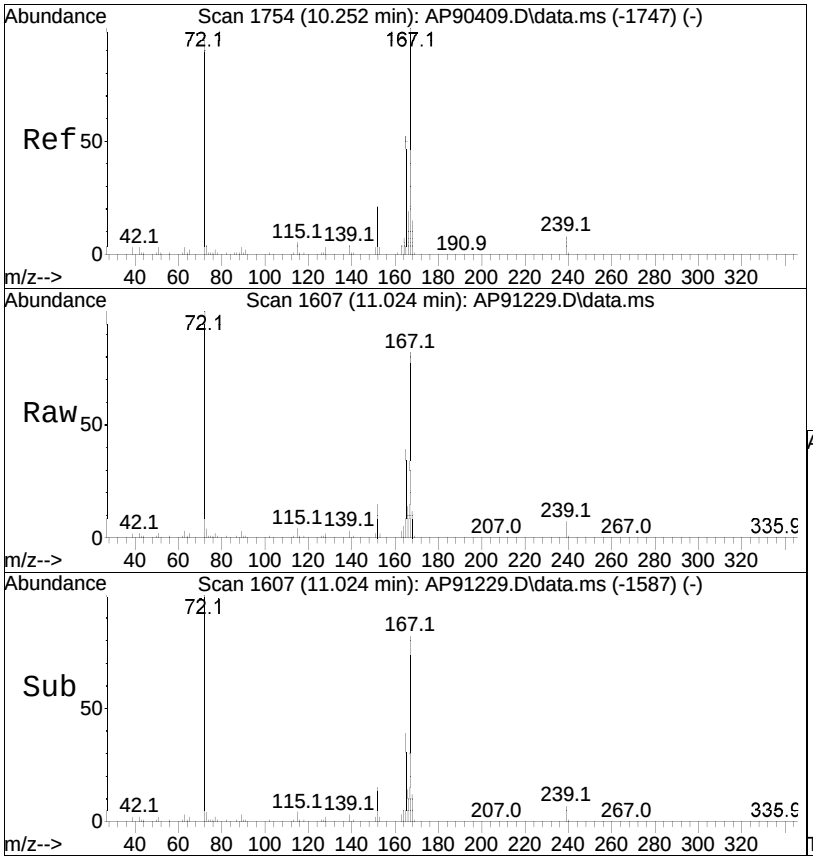


#85
Pentachloronitrobenzene
Concen: 51.25 ug/ml
RT: 9.972 min Scan# 1428
Delta R.T. -0.012 min
Lab File: AP91229.D
Acq: 29 Dec 2025 9:24 am

Tgt Ion:237 Resp: 112349

Ion	Ratio	Lower	Upper
237	100		
142	61.9	57.4	86.2
214	71.1	55.0	82.6

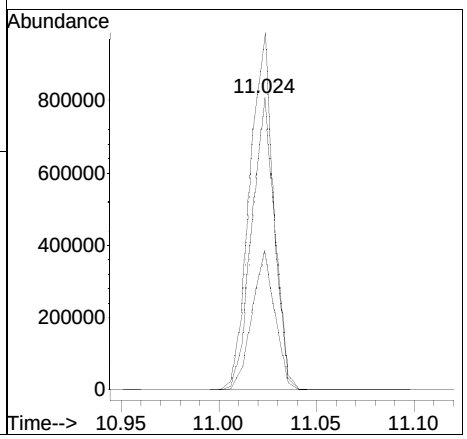




#99
Diphenamid
Concen: 55.29 ug/ml
RT: 11.024 min Scan# 1607
Delta R.T. -0.006 min
Lab File: AP91229.D
Acq: 29 Dec 2025 9:24 am

Tgt Ion:167 Resp: 665794

Ion	Ratio	Lower	Upper
167	100		
72	124.9	95.0	142.6
165	47.4	40.4	60.6



Manual Integration Report

Data Path	: I:\8270\GCMS5\251229\	QMethod	: FS250731GCMS5.m
Data File	: AP91229.D	Operator	: GCMS5:smz
Date Inj'd	: 12/29/2025 9:24 am	Instrument	: GCMS5
Sample	: wg2159627-4,32,,AP9 12053	Quant Date	: 12/29/2025 9:44 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\8270\GCMS5\251229\
Data File : ADP1229.D
Acq On : 29 Dec 2025 9:50 am
Operator : GCMS5:smz
Sample : wg2159627-5,32,,ADP 12023 gmr1227A
Misc : wg2159627,,ical22516
ALS Vial : 98 Sample Multiplier: 1

Quant Time: Dec 29 10:09:15 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 09:58:21 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
32	I	IS3_1,4-Dichlorobenzene-d4		1.000	1.000	0.0	108	0.00
33	T	1,4-Dioxane		0.443	0.507	-14.4	128	0.00
34	T	n-Decane		1.275	1.090	14.5	94	0.00
86	I	IS3_Acenaphthene-d10		1.000	1.000	0.0	107	0.00
87	T	Atrazine	*	50.000	47.744	4.5	111	0.00
100	I	IS3_Phenanthrene-d10		1.000	1.000	0.0	107	0.00
101	T	n-Octadecane		0.375	0.355	5.3	96	0.00
102	T	Parathion	*	50.000	58.220	-16.4	133	0.00
103	T	3,3'-Dimethylbenzidine		0.984	0.940	4.5	104	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\251229\
Data File : ADP1229.D
Acq On : 29 Dec 2025 9:50 am
Operator : GCMS5:smz
Sample : wg2159627-5,32,,ADP 12023 gmr1227A
Misc : wg2159627,,ical22516
ALS Vial : 98 Sample Multiplier: 1

Quant Time: Dec 29 10:09:15 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 09:58:21 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	5.612	152	199342	40.000	ug/ml	-0.01
86) IS3_Acenaphthene-d10	8.685	164	477897	40.000	ug/ml	-0.01
100) IS3_Phenanthrene-d10	10.119	188	1027642	40.000	ug/ml	#-0.01
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.822	88	126318	57.173	ug/ml	99
34) n-Decane	5.506	57	271496	42.716	ug/ml	92
87) Atrazine	9.895	200	270483	47.744	ug/ml	95
101) n-Octadecane	10.089	57	456199	47.394	ug/ml#	85
102) Parathion	10.900	109	189483	58.220	ug/ml	95
103) 3,3'-Dimethylbenzidine	12.222	212	1208036	47.770	ug/ml	96

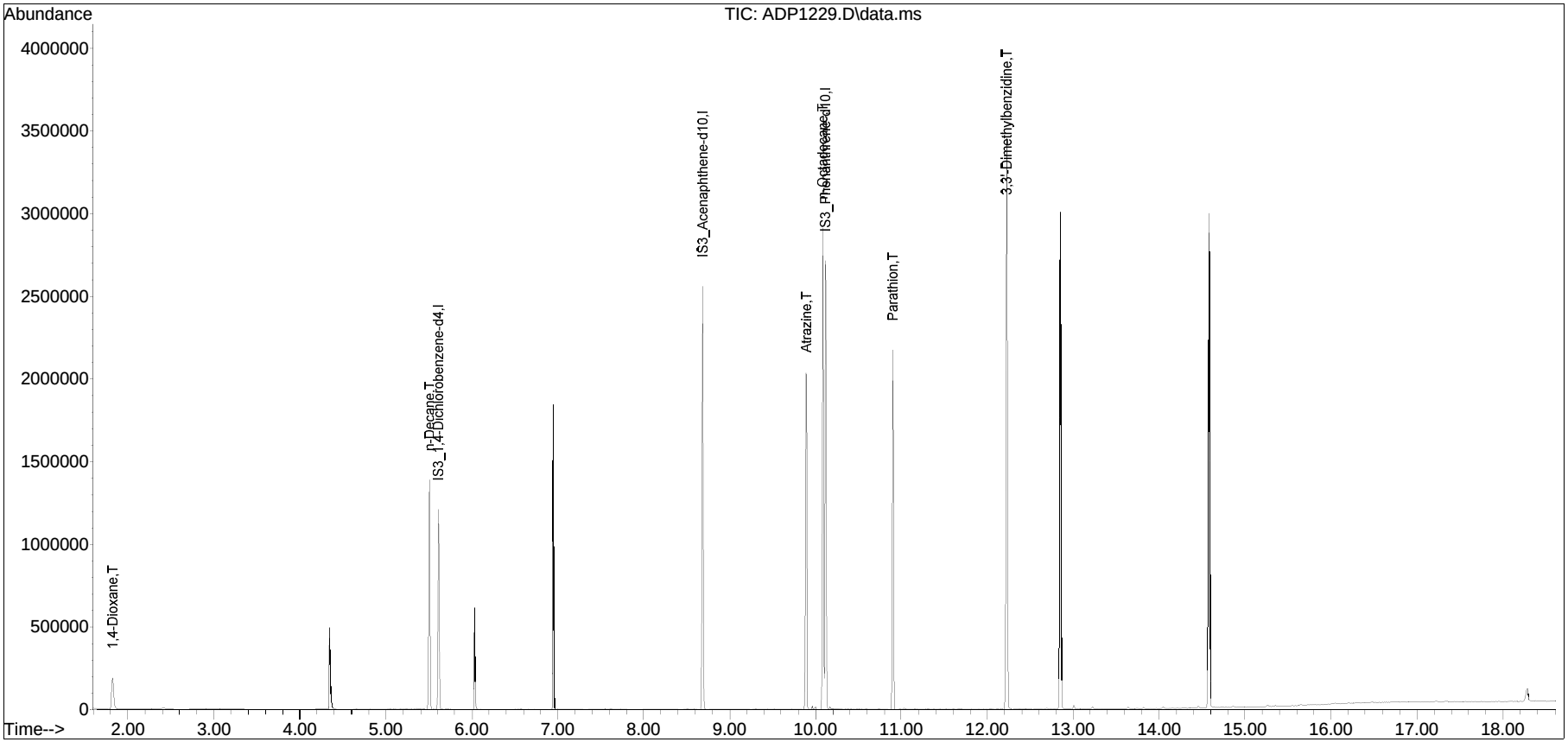
(#) = qualifier out of range (m) = manual integration (+) = signals summed

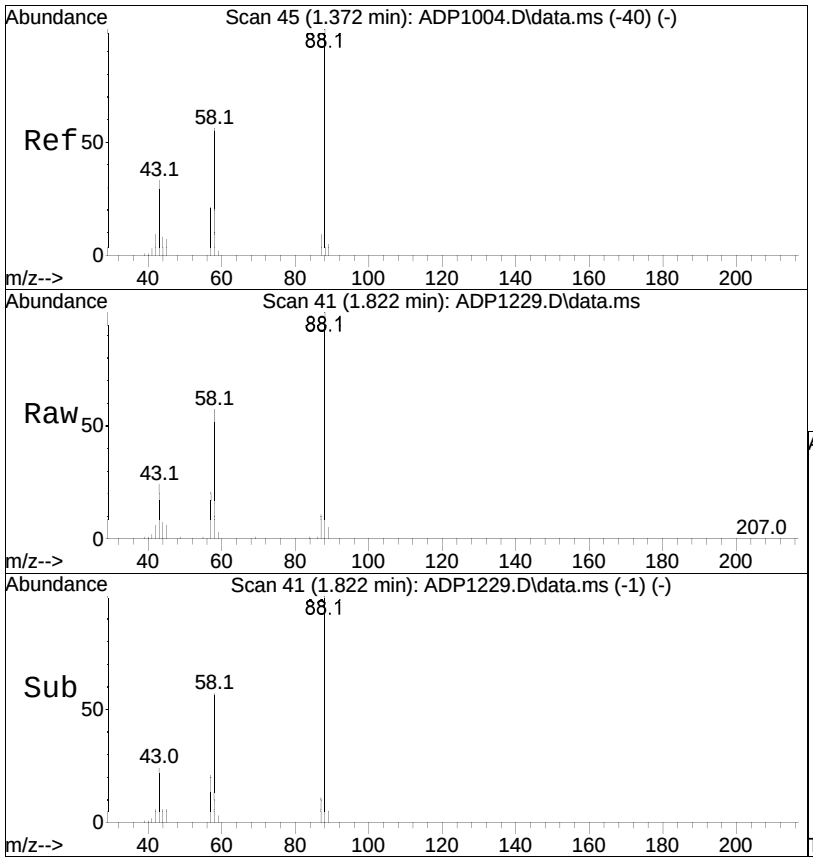
Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\251229\
Data File : ADP1229.D
Acq On : 29 Dec 2025 9:50 am
Operator : GCMS5:smz
Sample : wg2159627-5,32,,ADP 12023 gmr1227A
Misc : wg2159627,,ical22516
ALS Vial : 98 Sample Multiplier: 1

Quant Time: Dec 29 10:09:15 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sun Dec 28 09:58:21 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublist

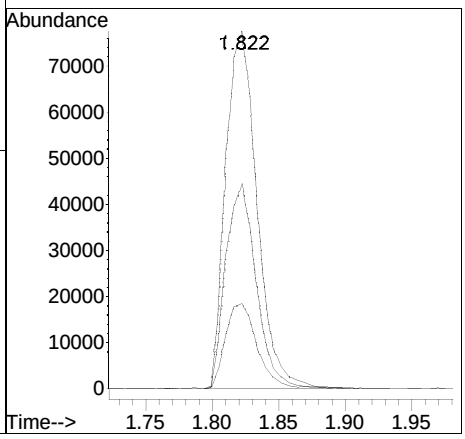


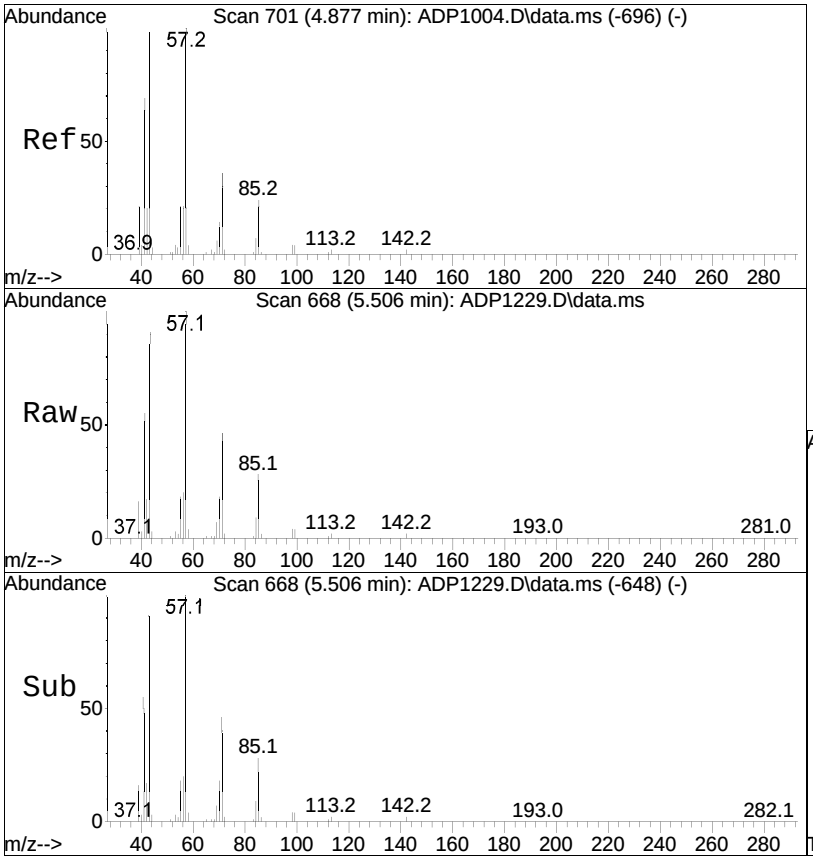


#33
1,4-Dioxane
Concen: 57.17 ug/ml
RT: 1.822 min Scan# 41
Delta R.T. 0.000 min
Lab File: ADP1229.D
Acq: 29 Dec 2025 9:50 am

Tgt Ion: 88 Resp: 126318

Ion	Ratio	Lower	Upper
88	100		
58	55.9	44.8	67.2
43	24.7	20.8	31.2

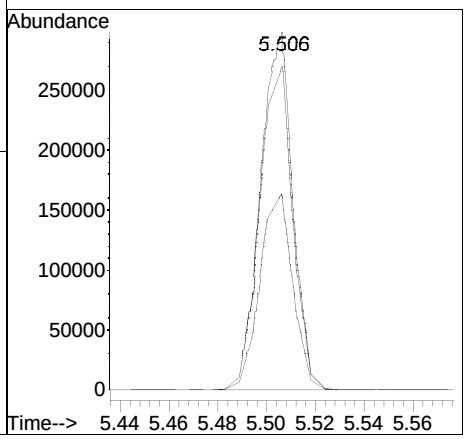


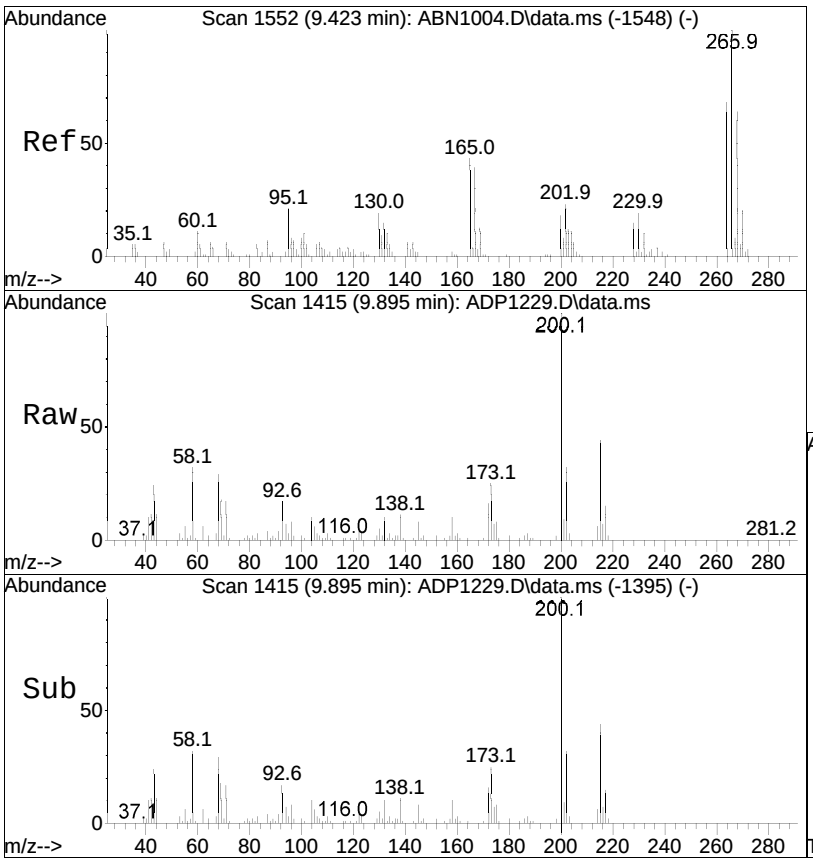


#34
n-Decane
Concen: 42.72 ug/ml
RT: 5.506 min Scan# 668
Delta R.T. -0.006 min
Lab File: ADP1229.D
Acq: 29 Dec 2025 9:50 am

Tgt Ion: 57 Resp: 271496

Ion	Ratio	Lower	Upper
57	100		
43	92.6	84.2	126.2
41	56.2	45.8	68.8

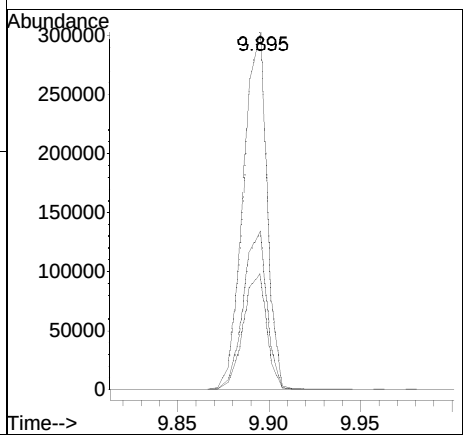


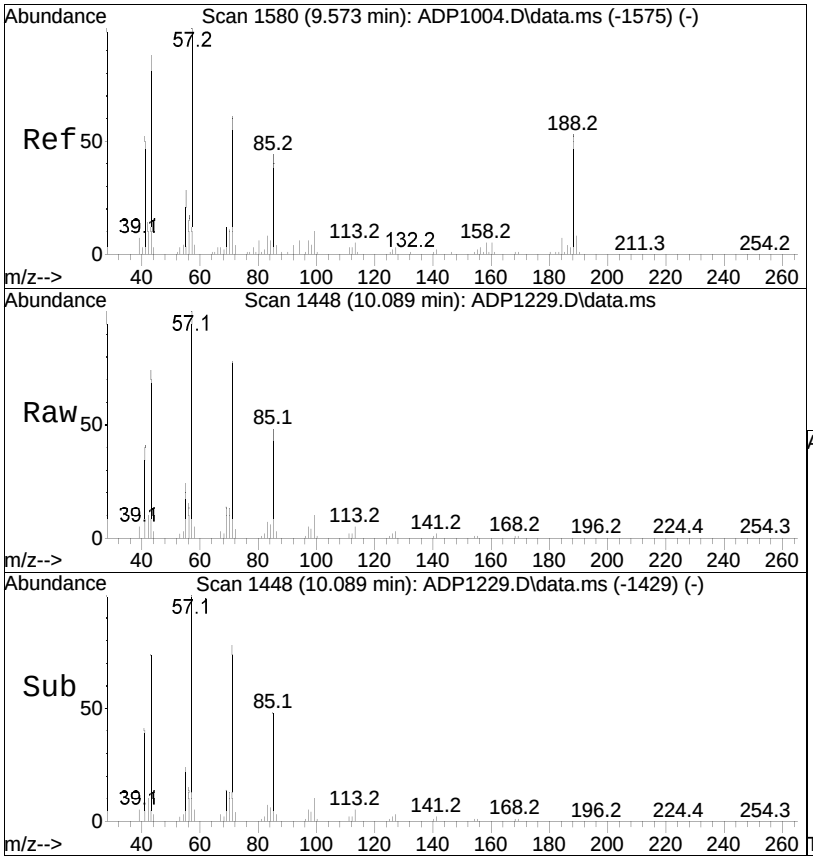


#87
Atrazine
Concen: 47.74 ug/ml
RT: 9.895 min Scan# 1415
Delta R.T. -0.006 min
Lab File: ADP1229.D
Acq: 29 Dec 2025 9:50 am

Tgt Ion:200 Resp: 270483

Ion	Ratio	Lower	Upper
200	100		
202	32.3	25.8	38.8
215	44.2	40.3	60.5

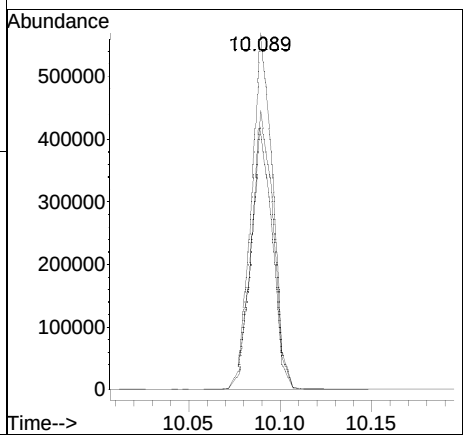


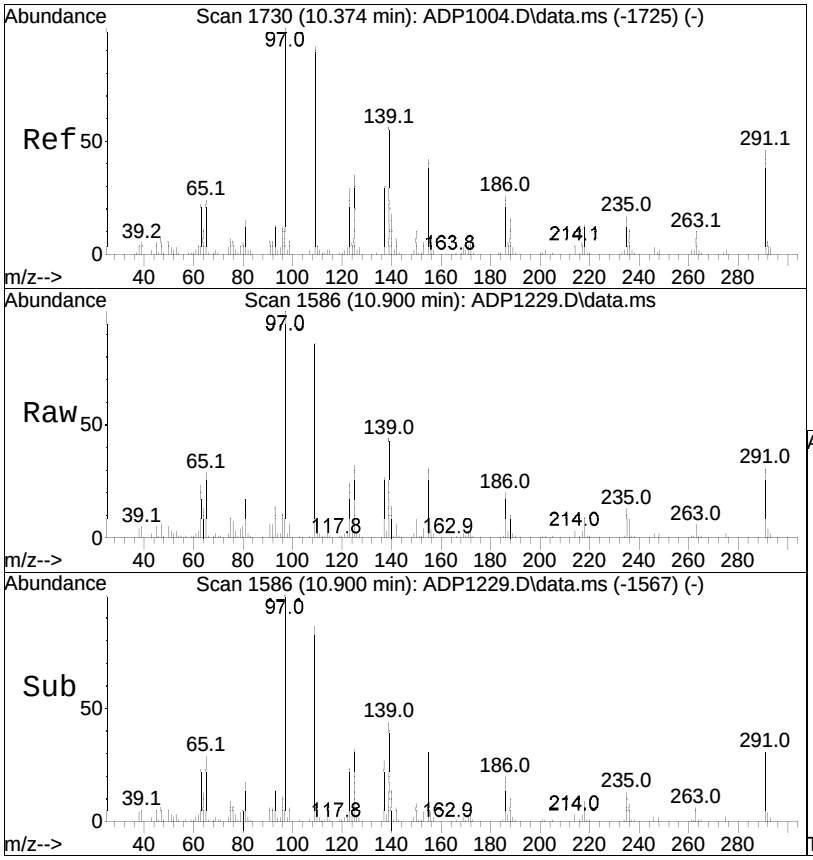


#101
n-Octadecane
Concen: 47.39 ug/ml
RT: 10.089 min Scan# 1448
Delta R.T. -0.012 min
Lab File: ADP1229.D
Acq: 29 Dec 2025 9:50 am

Tgt Ion: 57 Resp: 456199

Ion	Ratio	Lower	Upper
57	100		
43	72.9	65.0	97.4
71	80.0	50.5	75.7#

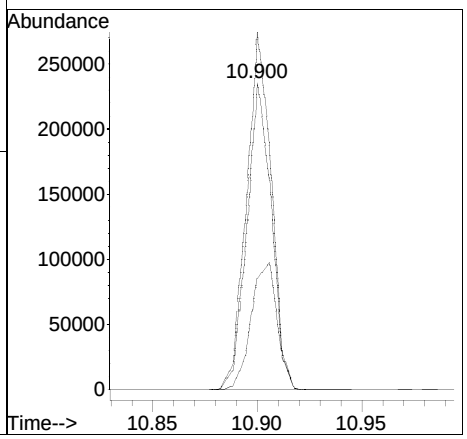


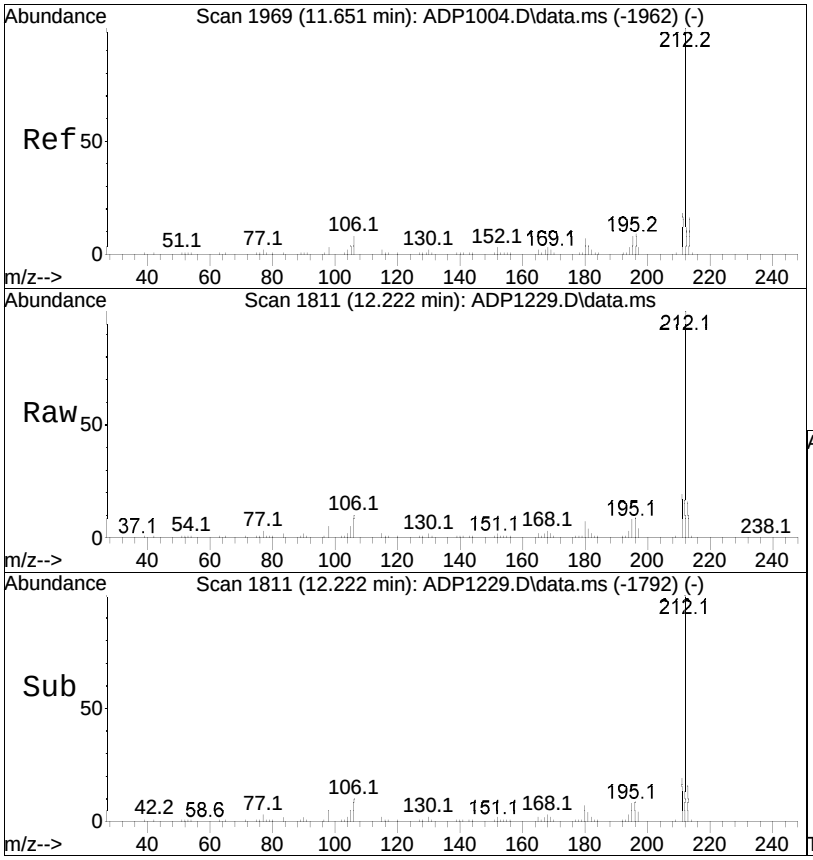


#102
Parathion
Concen: 58.22 ug/ml
RT: 10.900 min Scan# 1586
Delta R.T. -0.012 min
Lab File: ADP1229.D
Acq: 29 Dec 2025 9:50 am

Tgt Ion:109 Resp: 189483

Ion	Ratio	Lower	Upper
109	100		
97	118.0	88.6	133.0
291	44.4	36.5	54.7

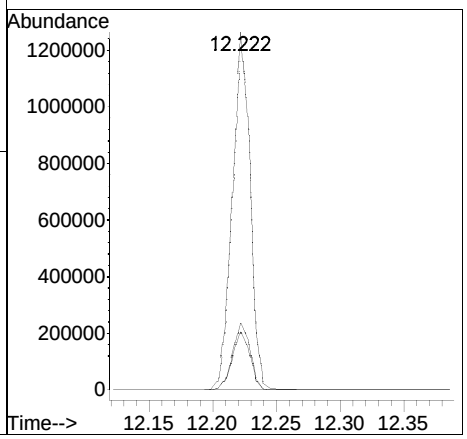




#103
3,3'-Dimethylbenzidine
Concen: 47.77 ug/ml
RT: 12.222 min Scan# 1811
Delta R.T. -0.012 min
Lab File: ADP1229.D
Acq: 29 Dec 2025 9:50 am

Tgt Ion:212 Resp: 1208036

Ion	Ratio	Lower	Upper
212	100		
211	18.8	13.2	19.8
213	16.5	13.9	20.9



Manual Integration Report

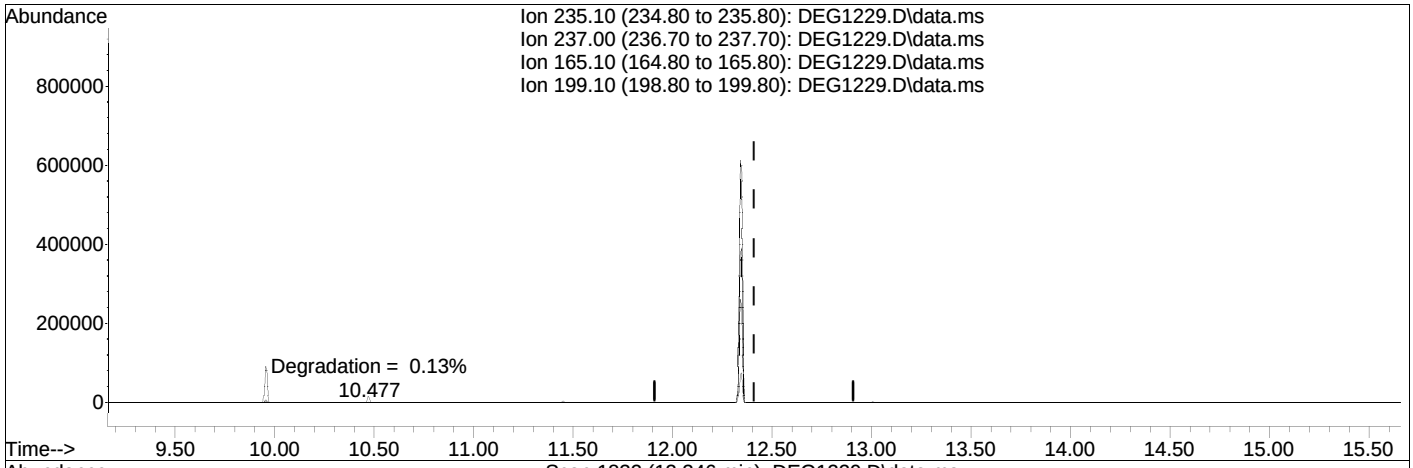
Data Path	: I:\8270\GCMS5\251229\	QMethod	: FS250731GCMS5.m
Data File	: ADP1229.D	Operator	: GCMS5:smz
Date Inj'd	: 12/29/2025 9:50 am	Instrument	: GCMS5
Sample	: wg2159627-5,32,,ADP 12023	Quant Date	: 12/29/2025 10:09 am

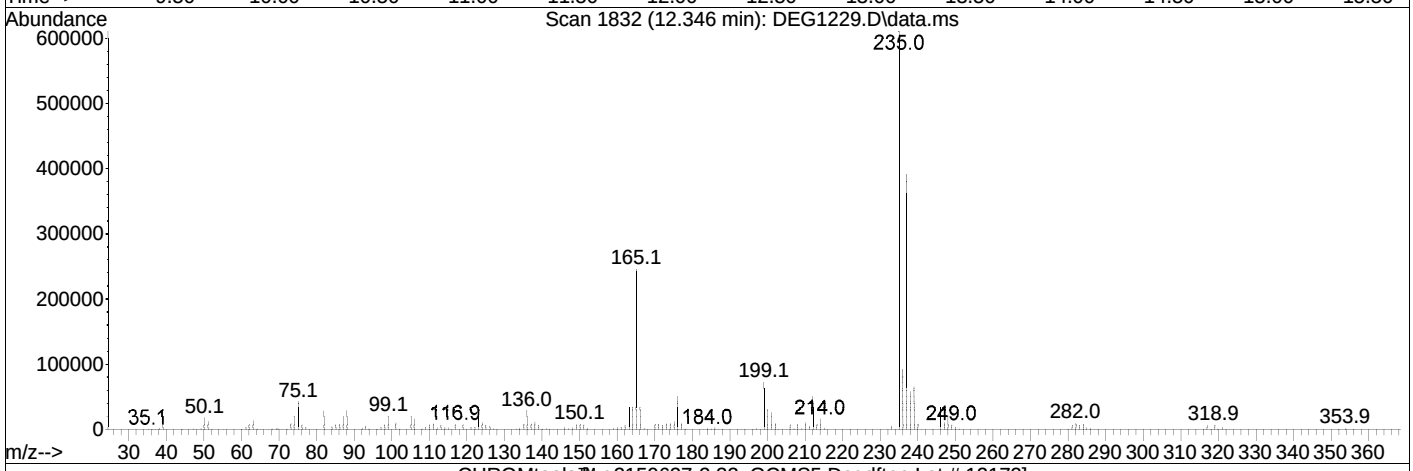
There are no manual integrations or false positives in this file.

Quantitation Report (Qedit)

Data Path : I:\8270\GCMS5\251229\
Data File : DEG1229.D
Acq On : 29 Dec 2025 8:32 am
Operator : GCMS5:smz
Sample : wg2159627-2,32,,GCMS5 Degdftpp Lot # 12172
Misc : wg2159627,,ical22516
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Dec 29 08:56:25 2025
Quant Method : I:\8270\GCMS5\251229\DftppGCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Dec 26 09:40:57 2025
Response via : Initial Calibration





CHROMtools™ [wg2159627-2,32,,GCMS5 Degdftpp Lot # 12172]

(6) DDT (T)

12.346min (-0.064) 103.03

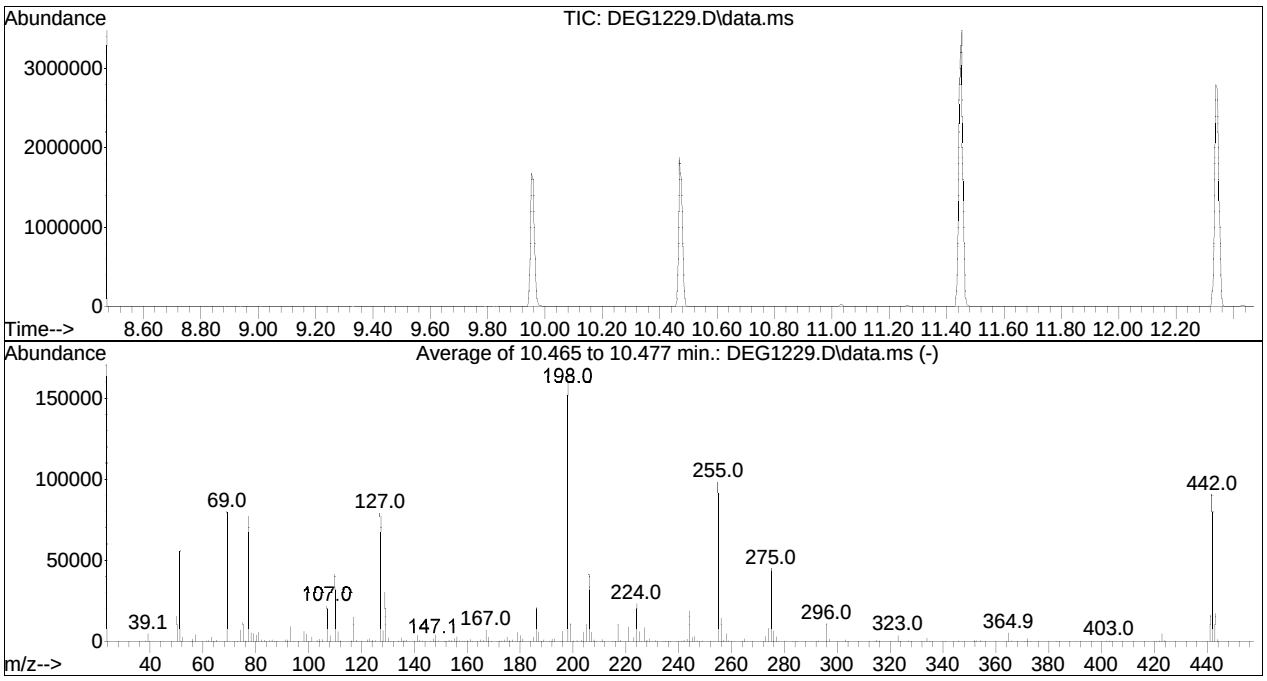
response 628069

Ion	Exp%	Act%
235.10	100.00	100.00
237.00	65.30	64.11
165.10	42.20	42.79
199.10	12.90	11.97

Data Path : I:\8270\GCMS5\251229\
Data File : DEG1229.D
Acq On : 29 Dec 2025 8:32 am
Operator : GCMS5:smz
Sample : wg2159627-1,32,,GCMS5 Degdftpp Lot # 12172
Misc : wg2159627,,ical22516
ALS Vial : 100 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Mon Dec 29 14:24:00 2025



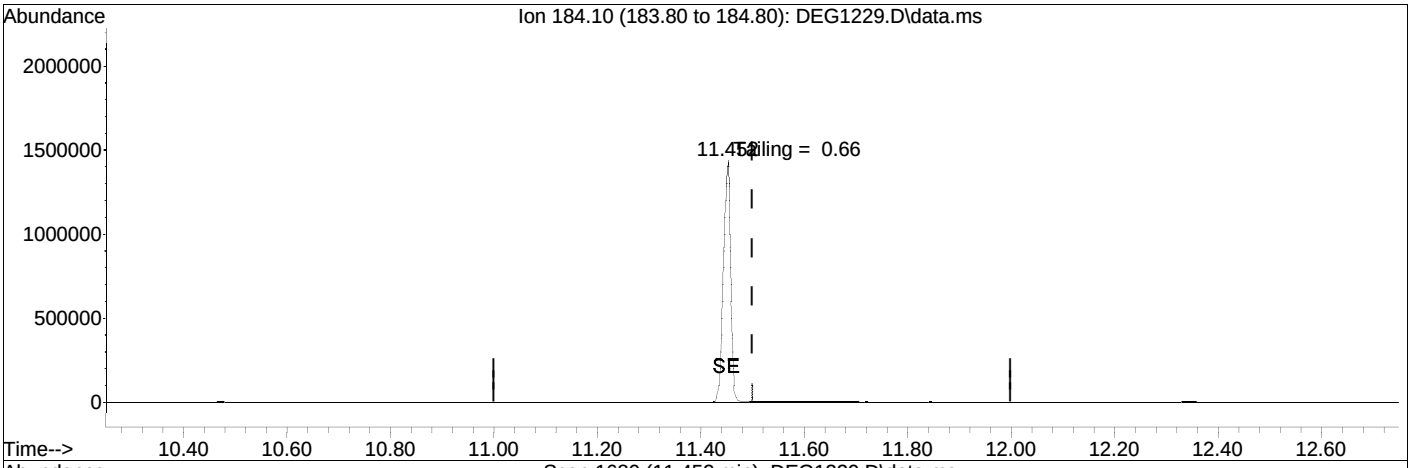
Spectrum Information: Average of 10.465 to 10.477 min.

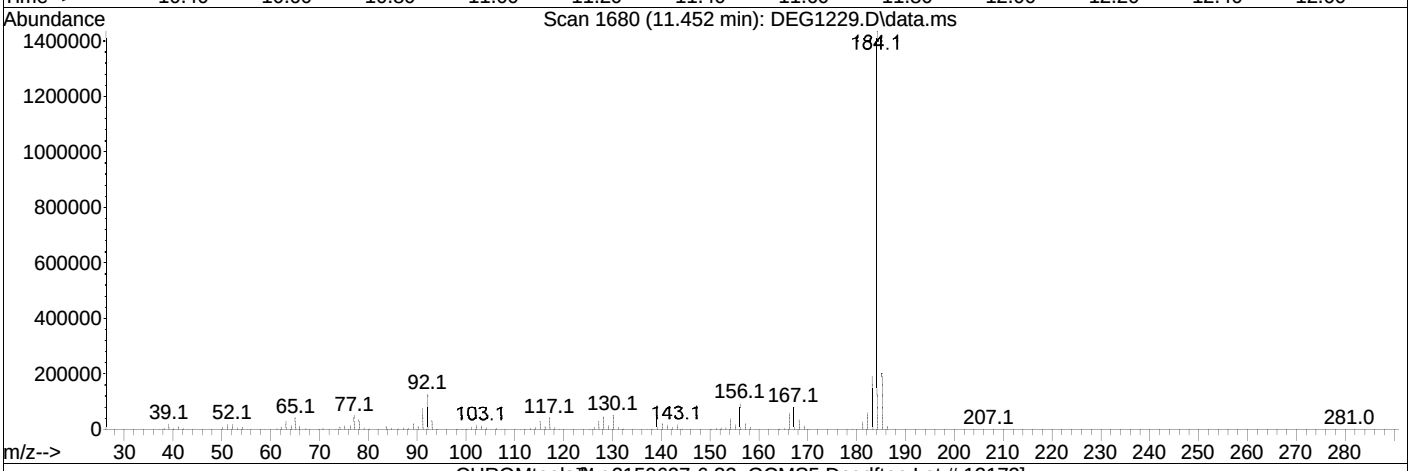
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	34.6	56211	PASS
68	69	0.00	2	0.0	0	PASS
69	69	100	100	100.0	79852	PASS
70	69	0.00	2	0.3	247	PASS
127	198	10	80	48.6	79056	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	162661	PASS
199	198	5	9	6.7	10894	PASS
275	198	10	60	27.5	44664	PASS
365	198	1	100	3.1	5024	PASS
441	442	0.01	24	18.3	16555	PASS
442	198	50	100	55.6	90491	PASS
443	442	15	24	19.1	17274	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\GCMS5\251229\
Data File : DEG1229.D
Acq On : 29 Dec 2025 8:32 am
Operator : GCMS5:smz
Sample : wg2159627-6,32,,GCMS5 Degdftpp Lot # 12172
Misc : wg2159627,,ical22516
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Dec 29 08:56:25 2025
Quant Method : I:\8270\GCMS5\251229\DftppGCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Dec 26 09:40:57 2025
Response via : Initial Calibration





CHROMtools [wg2159627-6,32,,GCMS5 Degdftpp Lot # 12172]

(3) Benzidine (T)

11.452min (-0.047) 129.01

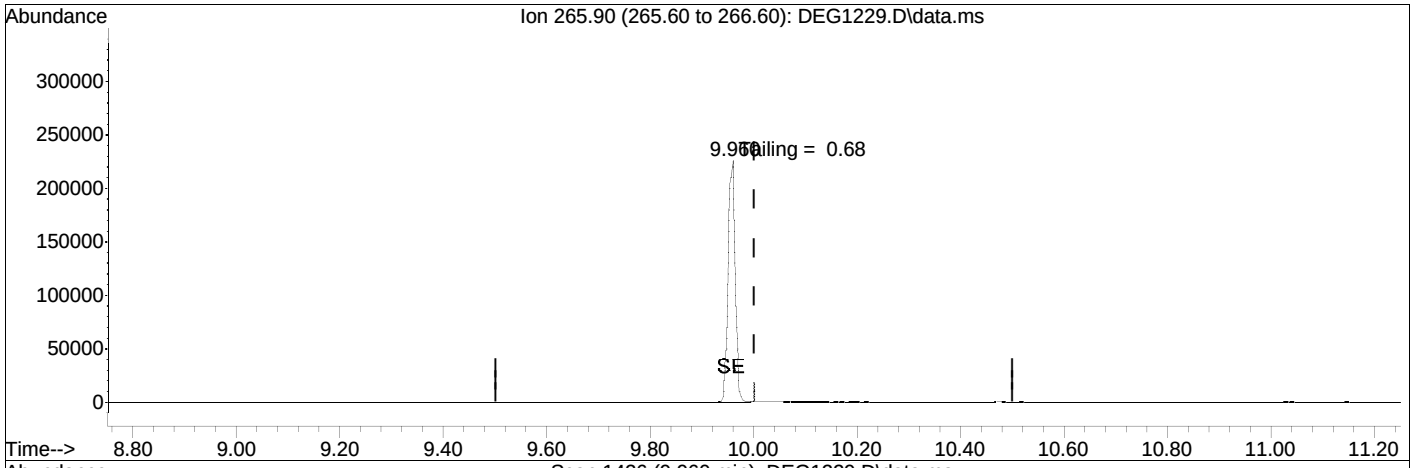
response 1313285

Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\GCMS5\251229\
Data File : DEG1229.D
Acq On : 29 Dec 2025 8:32 am
Operator : GCMS5:smz
Sample : wg2159627-7,32,,GCMS5 Degdftpp Lot # 12172
Misc : wg2159627,,ical22516
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Dec 29 08:56:25 2025
Quant Method : I:\8270\GCMS5\251229\DftppGCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Dec 26 09:40:57 2025
Response via : Initial Calibration



CHROMtools [wg2159627-7,32,,GCMS5 Degdftpp Lot # 12172]

(1) Pentachlorophenol (T)

9.960min (-0.041) 99.56

response 209111

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\Mork\260102\
Data File : ABN0102.D
Acq On : 2 Jan 2026 11:12 am
Operator : Mork:jg
Sample : WG2161048-3,32,,ABN 12168 gmr1227A
Misc : WG2161048,,ical22888
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Jan 02 14:00:37 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 11:30:26 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	IS1_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.00
2	t	n-Nitrosodimethylamine	0.593	0.634	-6.9	81	0.00
3	t	Pyridine	1.050	1.183	-12.7	86	0.00
4	S	2-Fluorophenol	0.961	1.009	-5.0	80	0.00
5	T	Aniline	1.590	1.594	-0.3	75	0.00
6	t	2-Chlorophenol	1.150	1.237	-7.6	81	0.00
7	S	Phenol-d6	1.192	1.261	-5.8	78	0.00
8	T	Phenol	1.240	1.340	-8.1	80	0.00
9	T	Bis(2-chloroethyl)ether	0.910	0.880	3.3	76	0.00
10	T	1,3-Dichlorobenzene	1.442	1.423	1.3	76	0.00
11	T	1,4-Dichlorobenzene	1.443	1.478	-2.4	79	0.00
12	T	1,2-Dichlorobenzene	1.382	1.402	-1.4	79	0.00
13	t	Benzyl alcohol	0.863	1.018	-18.0	84	0.00
14	T	Bis(2-chloroisopropyl)ether	1.173	0.921	21.5#	60	0.00
15	T	2-Methylphenol	0.945	1.033	-9.3	80	0.00
16	T	Hexachloroethane	0.528	0.543	-2.8	79	0.00
17	T	n-Nitrosodi-n-propylamine	0.735	0.776	-5.6	79	0.00
18	T	3-Methylphenol/4-Methylphen	1.001	1.113	-11.2	82	0.00
19	S	Nitrobenzene-d5	1.065	1.233	-15.8	86	0.00
20	T	Nitrobenzene	1.084	1.213	-11.9	85	0.00
21	T	Isophorone	1.943	2.136	-9.9	82	0.00
22	T	2-Nitrophenol	0.613	0.711	-16.0	85	0.00
23	T	2,4-Dimethylphenol	1.128	1.271	-12.7	84	0.00
24	T	Bis(2-chloroethoxy)methane	1.215	1.235	-1.6	77	0.00
25	T	2,4-Dichlorophenol	1.200	1.215	-1.3	73	0.00
26	T	1,2,4-Trichlorobenzene	1.459	1.331	8.8	69	0.00
35	I	IS1_Naphthalene-d8	1.000	1.000	0.0	84	0.00
36	T	Naphthalene	0.989	0.993	-0.4	86	0.00
37	T	Benzoic Acid	0.239	0.256	-7.1	86	0.00
38	T	4-Chloroaniline	0.106	0.112	-5.7	86	0.00
39	T	Hexachlorobutadiene	0.286	0.216	24.5#	65	0.00
40	T	p-Chloro-m-cresol	0.283	0.293	-3.5	85	0.00
41	T	2-Methylnaphthalene	0.668	0.643	3.7	80	0.00
42	T	1-Methylnaphthalene	0.244	0.244	0.0	85	0.00
43	T	Hexachlorocyclopentadiene	0.315	0.231	26.7#	56	0.00
44	T	2,4,6-Trichlorophenol	0.301	0.242	19.6	66	0.00
45	T	2,4,5-Trichlorophenol	0.331	0.283	14.5	70	0.00
46	S	2-Fluorobiphenyl	0.975	0.846	13.2	75	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\Mork\260102\
Data File : ABN0102.D
Acq On : 2 Jan 2026 11:12 am
Operator : Mork:jg
Sample : WG2161048-3,32,,ABN 12168 gmr1227A
Misc : WG2161048,,ical22888
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Jan 02 14:00:37 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 11:30:26 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47	T	2-Chloronaphthalene	0.797	0.724	9.2	77	0.00
48	T	2-Nitroaniline	0.220	0.241	-9.5	88	0.00
49	T	1,4-Dinitrobenzene	0.102	0.101	1.0	76	0.00
50	T	1,3-Dinitrobenzene	0.118	0.117	0.8	79	0.00
51	T	Dimethyl phthalate	0.961	0.855	11.0	76	0.00
52	T	Acenaphthylene	1.254	1.221	2.6	82	0.00
53	T	2,6-Dinitrotoluene	0.196	0.184	6.1	78	0.00
54	T	1,2-Dinitrobenzene	0.073	0.070	4.1	79	0.00
63	I	IS1_Acenaphthene-d10	1.000	1.000	0.0	78	0.00
64	T	3-Nitroaniline	0.308	0.362	-17.5	90	0.00
65	T	Acenaphthene	1.109	1.075	3.1	79	0.00
66	T	2,4-Dinitrophenol	0.198	0.198	0.0	75	0.00
67	T	Dibenzofuran	1.868	1.803	3.5	78	0.00
68	T	2,4-Dinitrotoluene	0.428	0.456	-6.5	81	0.00
69	T	4-Nitrophenol	0.209	0.239	-14.4	84	0.00
70	T	2,3,5,6-Tetrachlorophenol	0.456	0.401	12.1	66	0.00
71	T	2,3,4,6-Tetrachlorophenol	0.452	0.412	8.8	70	0.00
72	T	Diethyl phthalate	1.483	1.524	-2.8	81	0.00
73	T	Fluorene	1.469	1.457	0.8	77	0.00
74	T	4-Chlorophenyl phenyl ether	0.771	0.675	12.5	69	0.00
75	T	4-Nitroaniline	0.298	0.358	-20.1#	92	0.00
76	T	4,6-Dinitro-o-cresol	0.258	0.285	-10.5	77	0.00
77	T	NDPA/DPA	1.267	1.228	3.1	78	0.00
78	T	Azobenzene	1.100	1.231	-11.9	89	0.00
79	S	2,4,6-Tribromophenol	0.321	0.295	8.1	72	0.00
80	T	4-Bromophenyl phenyl ether	0.540	0.489	9.4	71	0.00
81	T	Hexachlorobenzene	0.664	0.639	3.8	76	0.00
82	T	Pentachlorophenol	0.364	0.356	2.2	69	0.00
88	I	IS1_Phenanthrene-d10	1.000	1.000	0.0	76	0.00
89	T	Phenanthrene	1.081	1.068	1.2	77	0.00
90	T	Anthracene	1.088	1.110	-2.0	79	0.00
91	T	Carbazole	1.001	1.022	-2.1	79	0.00
92	T	Di-n-butylphthalate	1.147	1.267	-10.5	82	0.00
93	T	Fluoranthene	1.353	1.282	5.2	71	0.00
94	T	Benzidine	0.920	0.908	1.3	72	0.00
95	T	Pyrene	1.414	1.389	1.8	75	0.00
96	S	4-Terphenyl-d14	1.096	1.040	5.1	71	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\Mork\260102\
Data File : ABN0102.D
Acq On : 2 Jan 2026 11:12 am
Operator : Mork:jg
Sample : WG2161048-3,32,,ABN 12168 gmr1227A
Misc : WG2161048,,ical22888
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Jan 02 14:00:37 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 11:30:26 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
97	T	Butyl benzyl phthalate	0.548	0.629	-14.8	83	0.00
104	I	IS1_Chrysene-d12	1.000	1.000	0.0	73	0.00
105	T	Benzo(a)anthracene	1.311	1.241	5.3	72	0.00
106	T	3,3'-Dichlorobenzidine	0.548	0.542	1.1	72	0.00
107	T	Chrysene	1.189	1.163	2.2	74	0.00
108	T	Bis(2-ethylhexyl)phthalate	0.675	0.796	-17.9	85	0.00
109	T	Di-n-octylphthalate	1.200	1.389	-15.8	82	0.00
110	T	Benzo(b)fluoranthene	1.426	1.506	-5.6	80	0.00
111	T	Benzo(k)fluoranthene	1.294	1.247	3.6	70	0.00
112	T	Benzo(a)pyrene	1.330	1.335	-0.4	75	0.00
113	I	IS1_Perylene-d12	1.000	1.000	0.0	79	0.00
114	T	Indeno(1,2,3-cd)pyrene	1.220	1.200	1.6	78	0.00
115	T	Dibenzo(a,h)anthracene	1.166	1.175	-0.8	77	0.00
116	T	Benzo(ghi)perylene	1.164	1.140	2.1	77	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260102\
Data File : ABN0102.D
Acq On : 2 Jan 2026 11:12 am
Operator : Mork:jg
Sample : WG2161048-3,32,,ABN 12168 gmr1227A
Misc : WG2161048,,ical22888
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Jan 02 14:00:37 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 11:30:26 2026
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.273	152	90358	40.000	ug/ml		0.00
35) IS1_Naphthalene-d8	4.360	136	342813	40.000	ug/ml	#	0.00
63) IS1_Acenaphthene-d10	5.864	164	203625	40.000	ug/ml		0.00
88) IS1_Phenanthrene-d10	7.127	188	439806	40.000	ug/ml		0.00
104) IS1_Chrysene-d12	9.460	240	516716	40.000	ug/ml		0.00
113) IS1_Perylene-d12	10.993	264	654978	40.000	ug/ml		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	2.186	112	113949	52.484	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 104.97%				
7) Phenol-d6	3.038	99	142394	52.898	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 105.80%				
19) Nitrobenzene-d5	3.760	82	139320	57.924	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 231.70%#				
46) 2-Fluorobiphenyl	5.317	172	362414	43.378	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 173.51%#				
79) 2,4,6-Tribromophenol	6.545	330	74995	45.964	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 91.93%				
96) 4-Terphenyl-d14	8.531	244	571539	47.415	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 189.66%#				
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	1.134	74	71627	53.485	ug/ml		85
3) Pyridine	1.146	79	133642	56.348	ug/ml#		74
5) Aniline	3.002	93	180073	50.150	ug/ml#		62
6) 2-Chlorophenol	3.102	128	139664	53.764	ug/ml		96
8) Phenol	3.049	94	151320	54.011	ug/ml#		70
9) Bis(2-chloroethyl)ether	3.085	93	99421	48.349	ug/ml#		68
10) 1,3-Dichlorobenzene	3.220	146	160689	49.327	ug/ml		99
11) 1,4-Dichlorobenzene	3.290	146	166917	51.192	ug/ml		98
12) 1,2-Dichlorobenzene	3.414	146	158402	50.747	ug/ml		99
13) Benzyl alcohol	3.425	79	115033	59.015	ug/ml		95
14) Bis(2-chloroisopropyl)...	3.549	45	103994	39.242	ug/ml#		63
15) 2-Methylphenol	3.555	108	116634	54.657	ug/ml		97
16) Hexachloroethane	3.696	117	61338	51.454	ug/ml		84
17) n-Nitrosodi-n-propylamine	3.660	70	87601	52.766	ug/ml#		92
18) 3-Methylphenol/4-Methy...	3.702	108	125764	55.624	ug/ml		98
20) Nitrobenzene	3.772	77	137022	55.935	ug/ml		95
21) Isophorone	3.990	82	241309	54.991	ug/ml#		95
22) 2-Nitrophenol	4.054	139	80257	57.918	ug/ml#		94

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260102\
Data File : ABN0102.D
Acq On : 2 Jan 2026 11:12 am
Operator : Mork:jg
Sample : WG2161048-3,32,,ABN 12168 gmr1227A
Misc : WG2161048,,ical22888
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Jan 02 14:00:37 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 11:30:26 2026
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) 2,4-Dimethylphenol	4.142	107	143561	56.330	ug/ml	95
24) Bis(2-chloroethoxy)met...	4.207	93	139532	50.852	ug/ml#	94
25) 2,4-Dichlorophenol	4.272	162	137211	50.620	ug/ml	99
26) 1,2,4-Trichlorobenzene	4.324	180	150317	45.594	ug/ml	99
36) Naphthalene	4.377	128	425392	50.190	ug/ml	100
37) Benzoic Acid	4.295	105	109777M1	53.536	ug/ml	
38) 4-Chloroaniline	4.460	65	48173	53.101	ug/ml	98
39) Hexachlorobutadiene	4.512	225	92546	37.757	ug/ml	100
40) p-Chloro-m-cresol	4.924	107	125534	51.708	ug/ml	94
41) 2-Methylnaphthalene	4.977	142	275662	48.144	ug/ml	92
42) 1-Methylnaphthalene	5.059	115	104370	49.895	ug/ml	88
43) Hexachlorocyclopentadiene	5.129	237	99178	36.734	ug/ml	99
44) 2,4,6-Trichlorophenol	5.247	196	103788M3	40.283	ug/ml	
45) 2,4,5-Trichlorophenol	5.282	196	121314	42.822	ug/ml	100
47) 2-Chloronaphthalene	5.388	162	310256	45.422	ug/ml	98
48) 2-Nitroaniline	5.505	138	103448	54.984	ug/ml	100
49) 1,4-Dinitrobenzene	5.641	168	43088	49.438	ug/ml	85
50) 1,3-Dinitrobenzene	5.711	168	50228	49.833	ug/ml	85
51) Dimethyl phthalate	5.693	163	366346	44.470	ug/ml#	97
52) Acenaphthylene	5.735	152	523338	48.709	ug/ml	99
53) 2,6-Dinitrotoluene	5.729	165	78904	46.895	ug/ml#	49
54) 1,2-Dinitrobenzene	5.770	168	29972	48.037	ug/ml#	42
64) 3-Nitroaniline	5.864	138	92204	58.733	ug/ml#	96
65) Acenaphthene	5.887	154	273579	48.447	ug/ml	89
66) 2,4-Dinitrophenol	5.970	184	50502	50.022	ug/ml	96
67) Dibenzofuran	6.040	168	458856	48.259	ug/ml	97
68) 2,4-Dinitrotoluene	6.081	165	116119	53.321	ug/ml	94
69) 4-Nitrophenol	6.075	65	60901	57.366	ug/ml#	86
70) 2,3,5,6-Tetrachlorophenol	6.134	232	102119	43.991	ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	6.175	232	104965	45.646	ug/ml	96
72) Diethyl phthalate	6.304	149	387953	51.401	ug/ml	96
73) Fluorene	6.334	166	370971	49.616	ug/ml	90
74) 4-Chlorophenyl phenyl ...	6.357	204	171737	43.730	ug/ml	95
75) 4-Nitroaniline	6.387	138	91234	60.199	ug/ml#	83
76) 4,6-Dinitro-o-cresol	6.434	198	72563	55.187	ug/ml	94
77) NDPA/DPA	6.469	169	312538	48.456	ug/ml	93
78) Azobenzene	6.492	77	313201M6	55.950	ug/ml	
80) 4-Bromophenyl phenyl e...	6.769	248	124391	45.288	ug/ml	96
81) Hexachlorobenzene	6.810	284	162559	48.097	ug/ml	95
82) Pentachlorophenol	6.998	266	90493	48.791	ug/ml	96
89) Phenanthrene	7.145	178	587126	49.378	ug/ml	99

Data Path : I:\8270\Mork\260102\
Data File : ABN0102.D
Acq On : 2 Jan 2026 11:12 am
Operator : Mork:jg
Sample : WG2161048-3,32,,ABN 12168 gmr1227A
Misc : WG2161048,,ical22888
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Jan 02 14:00:37 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 11:30:26 2026
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90)	Anthracene	7.186	178	610275	51.033	ug/ml	99
91)	Carbazole	7.350	167	561692	51.032	ug/ml	98
92)	Di-n-butylphthalate	7.715	149	696471	55.246	ug/ml	100
93)	Fluoranthene	8.161	202	704849	47.367	ug/ml#	93
94)	Benzidine	8.314	184	498977	49.321	ug/ml#	95
95)	Pyrene	8.349	202	763817	49.122	ug/ml	99
97)	Butyl benzyl phthalate	9.001	149	345946	57.407	ug/ml#	96
105)	Benzo(a)anthracene	9.454	228	801246	47.302	ug/ml	99
106)	3,3'-Dichlorobenzidine	9.471	252	350128	49.501	ug/ml#	98
107)	Chrysene	9.489	228	750877	48.896	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	9.618	149	513934	58.898	ug/ml#	87
109)	Di-n-octylphthalate	10.329	149	897021	57.889	ug/ml#	93
110)	Benzo(b)fluoranthene	10.588	252	972485M3	52.800	ug/ml	
111)	Benzo(k)fluoranthene	10.617	252	805324	48.181	ug/ml	97
112)	Benzo(a)pyrene	10.929	252	862316	50.201	ug/ml#	96
114)	Indeno(1,2,3-cd)pyrene	12.121	276	982751	49.191	ug/mL#	88
115)	Dibenzo(a,h)anthracene	12.157	278	962281	50.384	ug/ml#	94
116)	Benzo(ghi)perylene	12.374	276	933639	48.979	ug/ml#	91

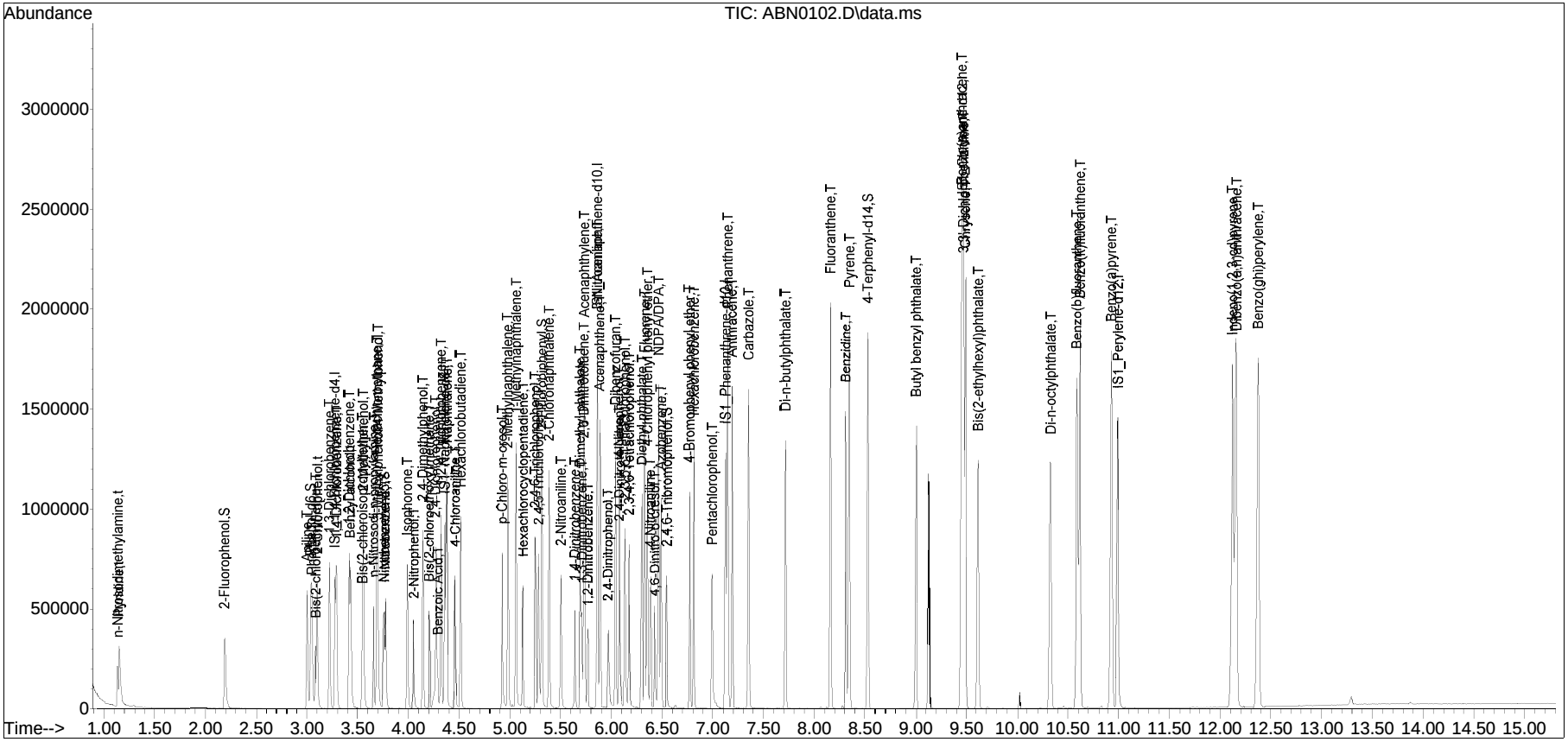
(#) = qualifier out of range (m) = manual integration (+) = signals summed

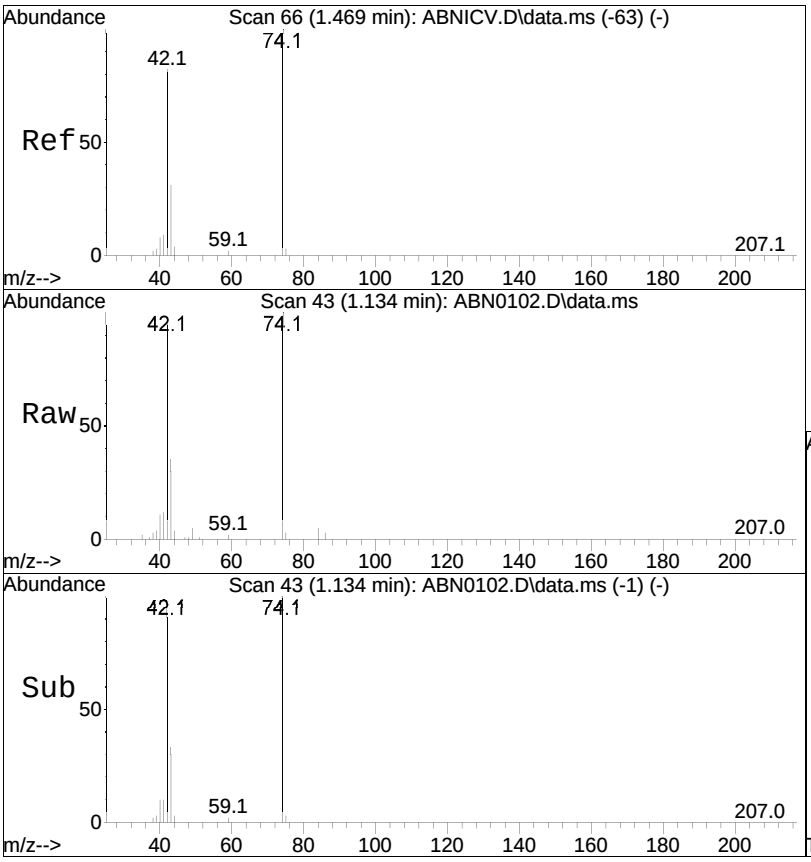
Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260102\
Data File : ABN0102.D
Acq On : 2 Jan 2026 11:12 am
Operator : Mork:jg
Sample : WG2161048-3,32,,ABN 12168 gmr1227A
Misc : WG2161048,,ical22888
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Jan 02 14:00:37 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 11:30:26 2026
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

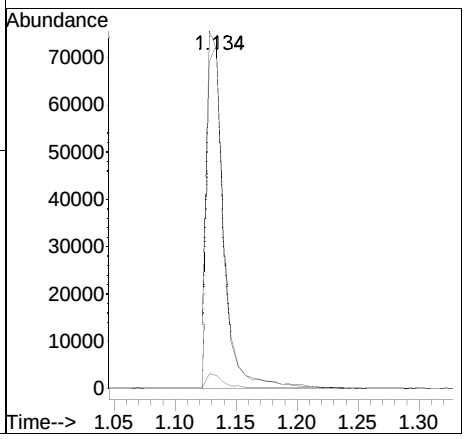


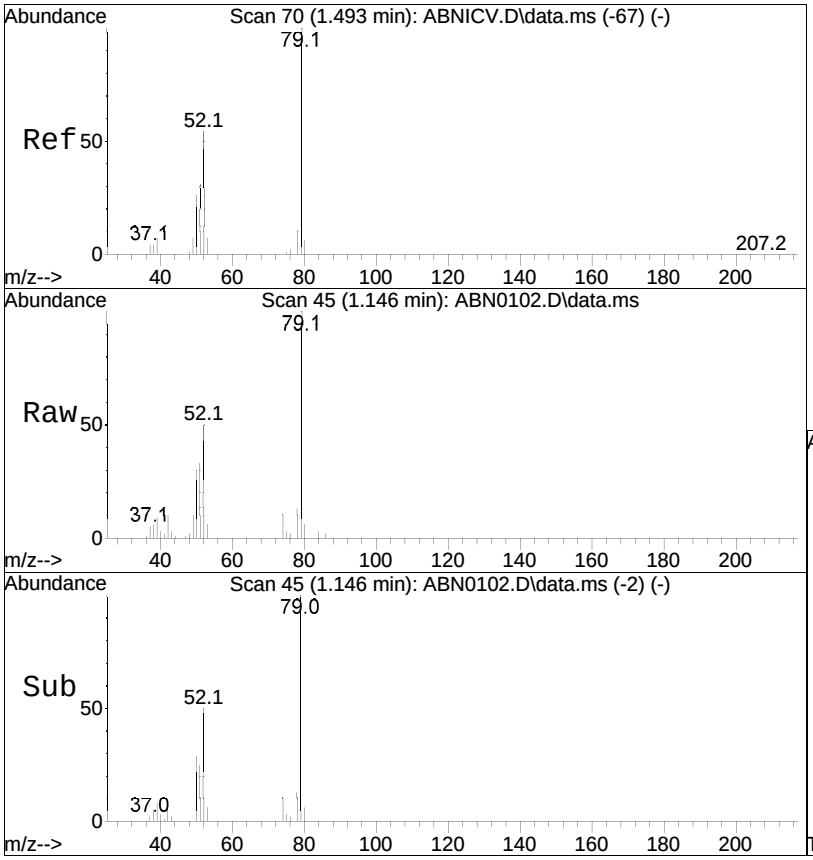


#2
n-Nitrosodimethylamine
Concen: 53.48 ug/ml
RT: 1.134 min Scan# 43
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion: 74 Resp: 71627

Ion	Ratio	Lower	Upper
74	100		
42	101.2	69.4	104.2
44	4.0	3.5	5.3

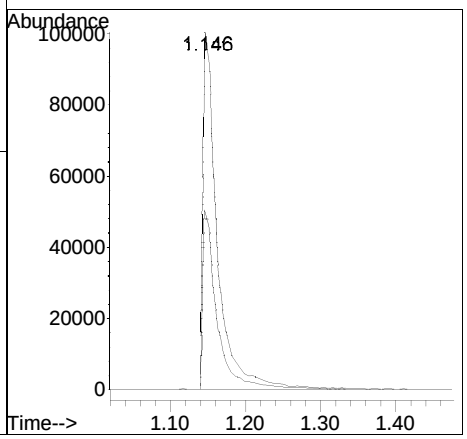


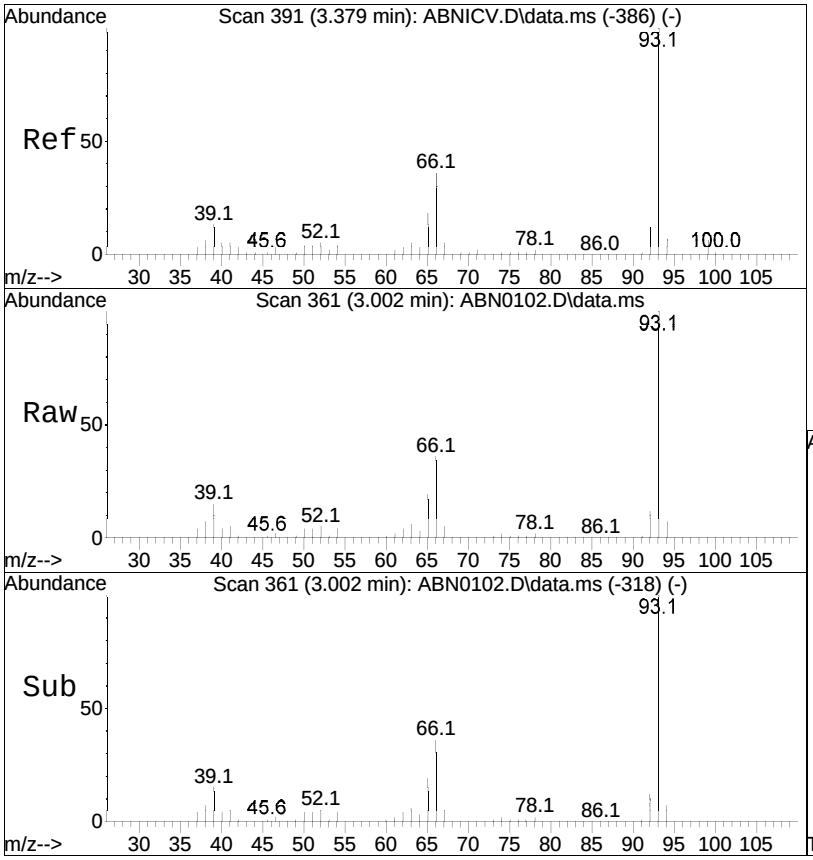


#3
Pyridine
Concen: 56.35 ug/ml
RT: 1.146 min Scan# 45
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion: 79 Resp: 133642

Ion	Ratio	Lower	Upper
79	100		
52	49.7	56.6	85.0#

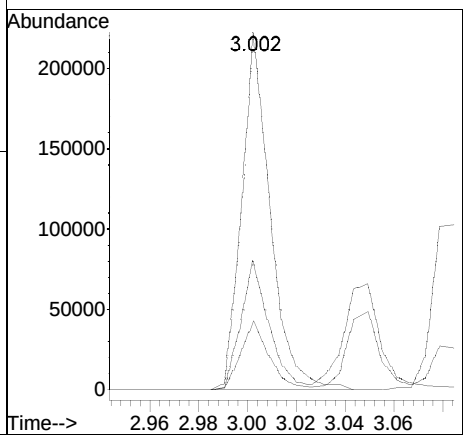


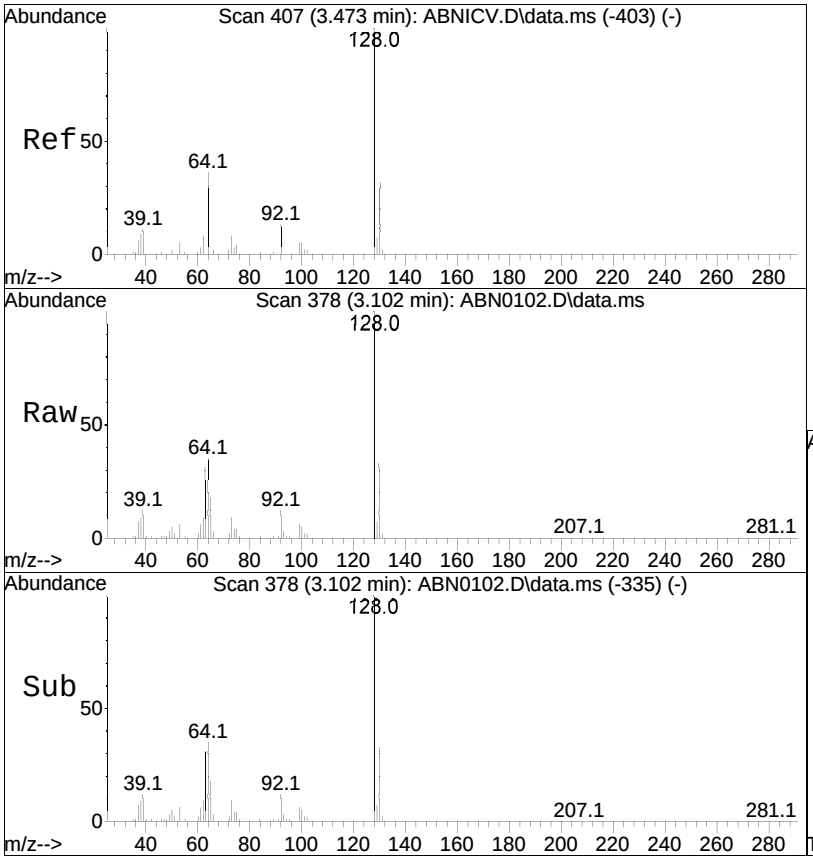


#5
Aniline
Concen: 50.15 ug/ml
RT: 3.002 min Scan# 361
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion: 93 Resp: 180073

Ion	Ratio	Lower	Upper
93	100		
66	36.2	53.5	80.3#
65	19.2	34.4	51.6#

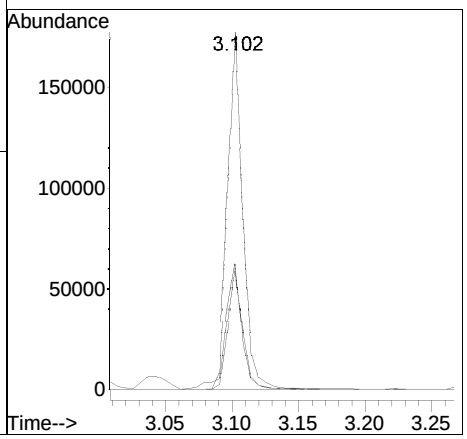


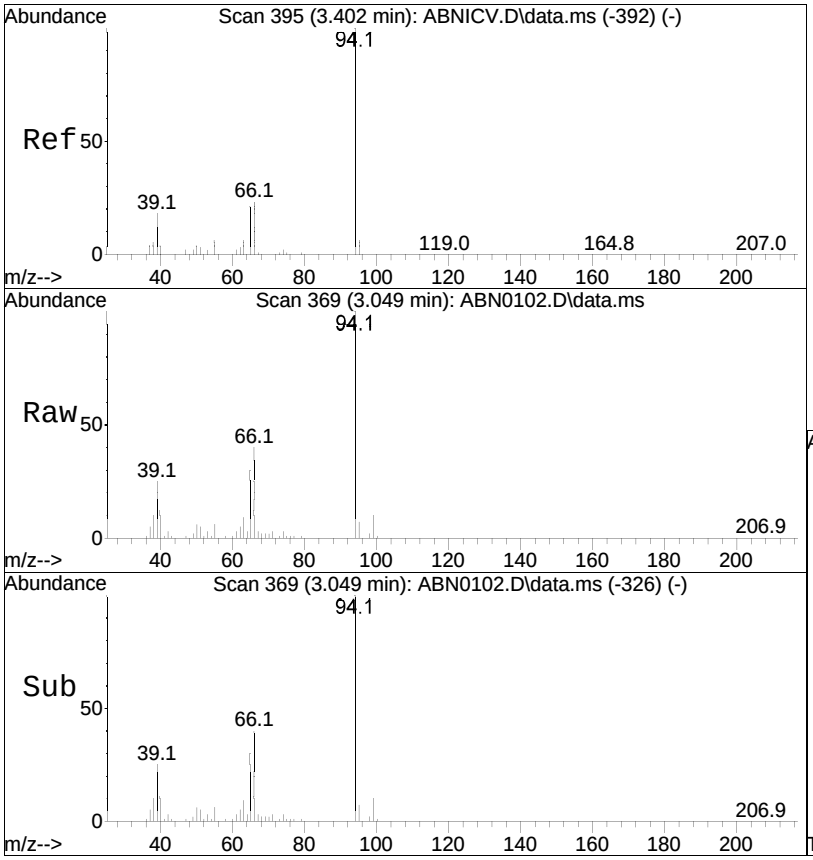


#6
2-Chlorophenol
Concen: 53.76 ug/ml
RT: 3.102 min Scan# 378
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:128 Resp: 139664

Ion	Ratio	Lower	Upper
128	100		
64	37.3	33.5	50.3
130	32.7	25.9	38.9

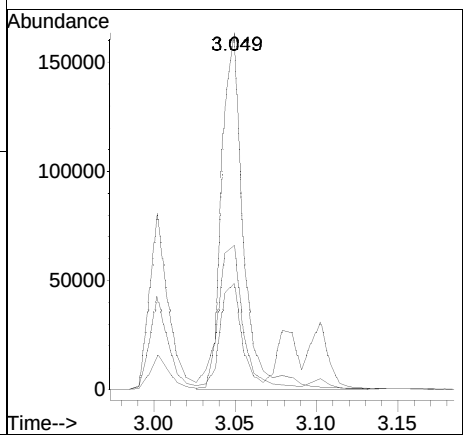


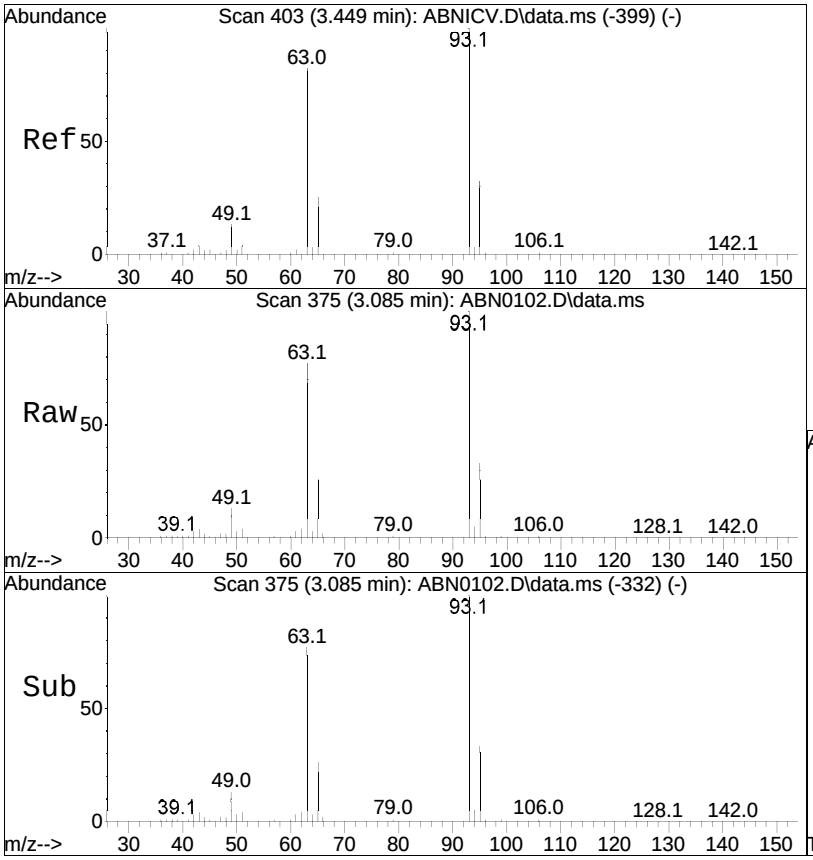


#8
Phenol
Concen: 54.01 ug/ml
RT: 3.049 min Scan# 369
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion: 94 Resp: 151320

Ion	Ratio	Lower	Upper
94	100		
65	30.6	38.8	58.2#
66	47.3	60.3	90.5#

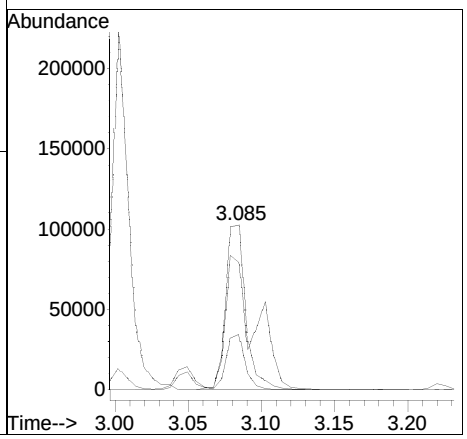


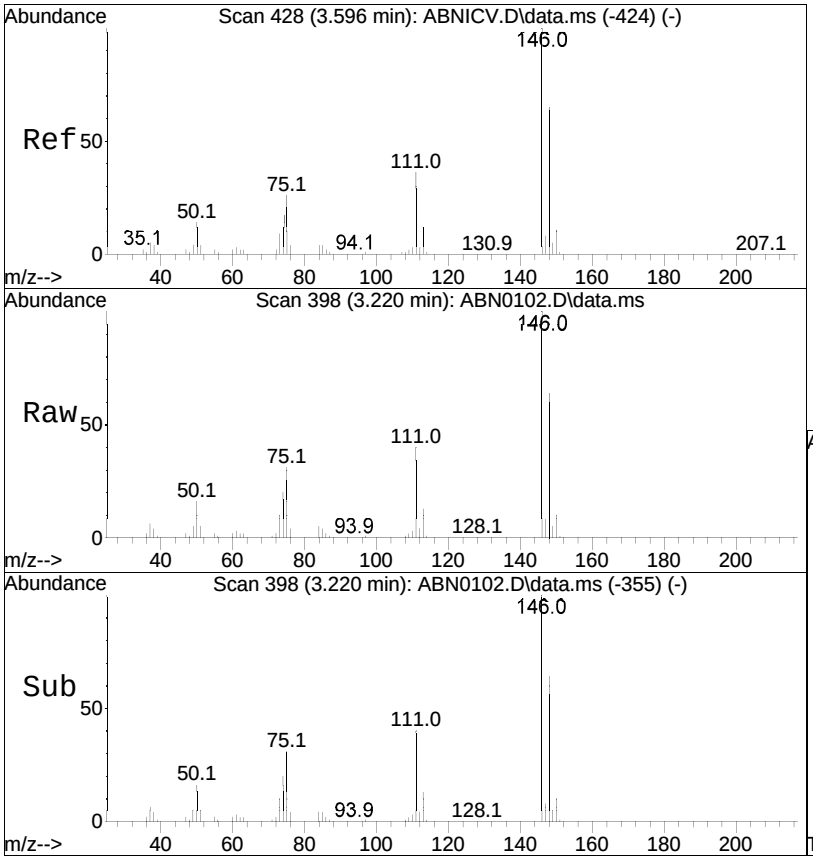


#9
Bis(2-chloroethyl)ether
Concen: 48.35 ug/ml
RT: 3.085 min Scan# 375
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion: 93 Resp: 99421

Ion	Ratio	Lower	Upper
93	100		
63	117.7	63.0	94.6#
95	31.3	26.3	39.5

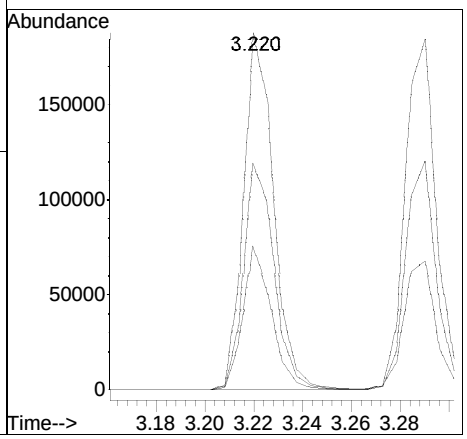


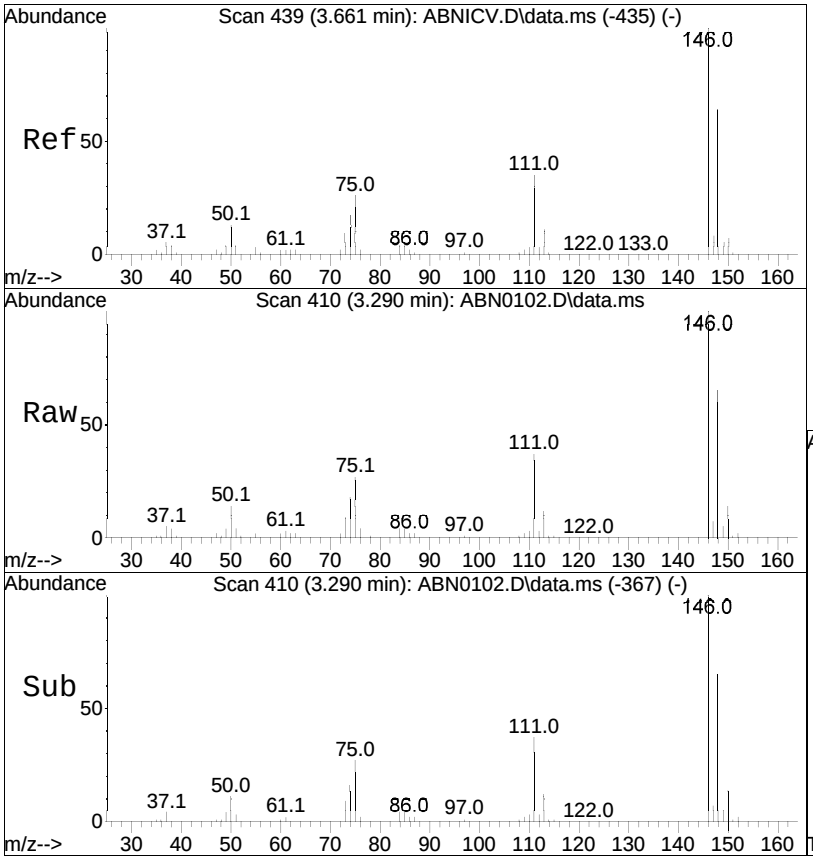


#10
1,3-Dichlorobenzene
Concen: 49.33 ug/ml
RT: 3.220 min Scan# 398
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:146 Resp: 160689

Ion	Ratio	Lower	Upper
146	100		
111	38.3	30.0	45.0
148	64.5	52.6	78.8

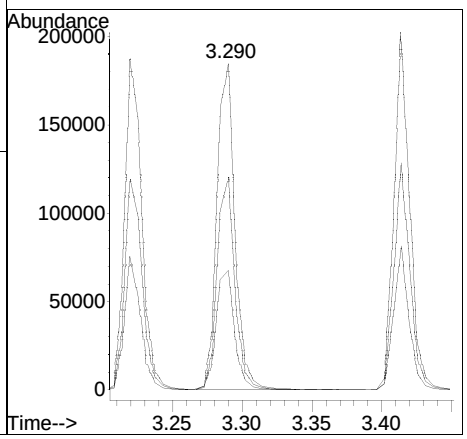


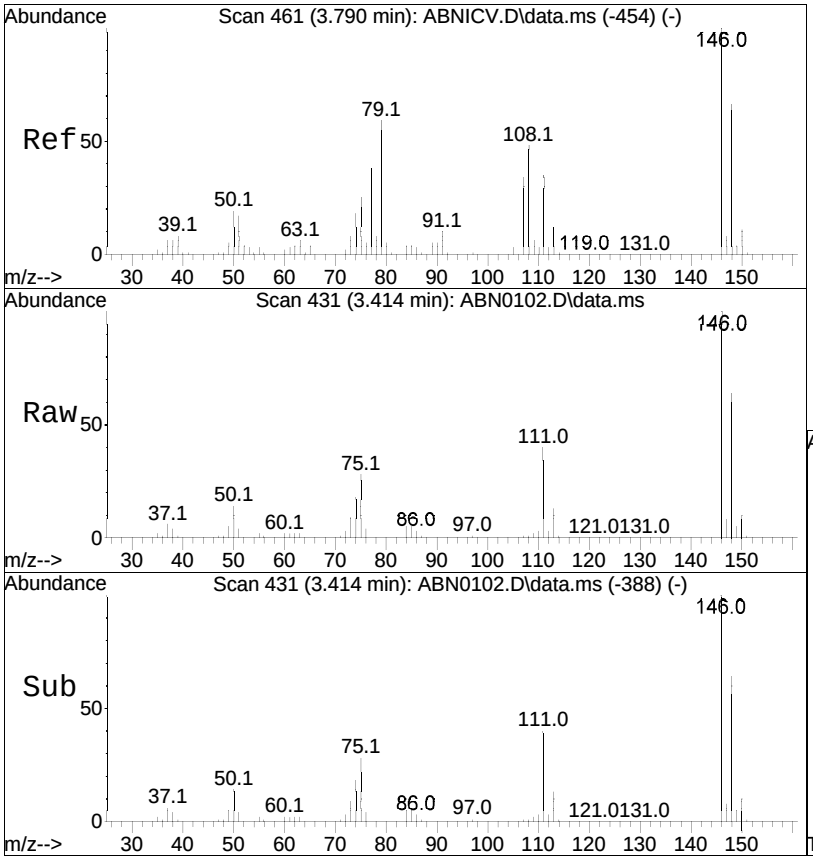


#11
1,4-Dichlorobenzene
Concen: 51.19 ug/ml
RT: 3.290 min Scan# 410
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:146 Resp: 166917

Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.3	78.5
111	37.7	29.2	43.8

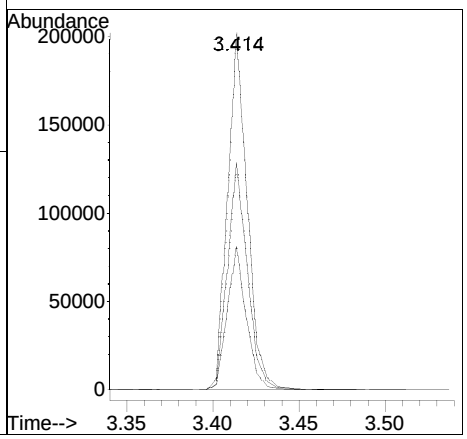


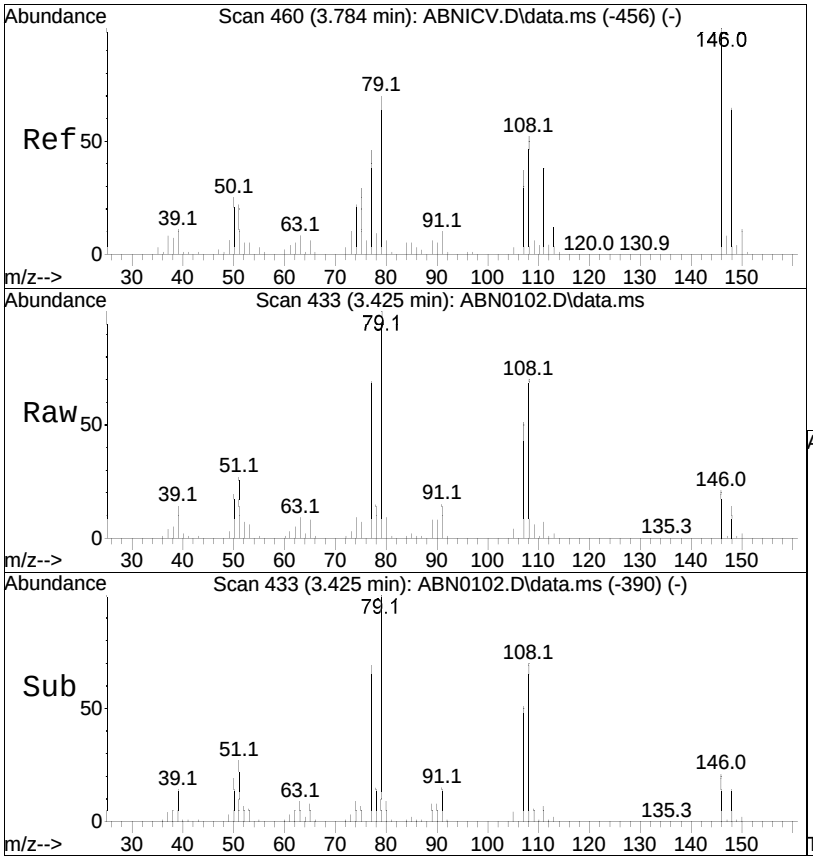


#12
1,2-Dichlorobenzene
Concen: 50.75 ug/ml
RT: 3.414 min Scan# 431
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:146 Resp: 158402

Ion	Ratio	Lower	Upper
146	100		
111	39.4	30.3	45.5
148	64.7	51.8	77.8

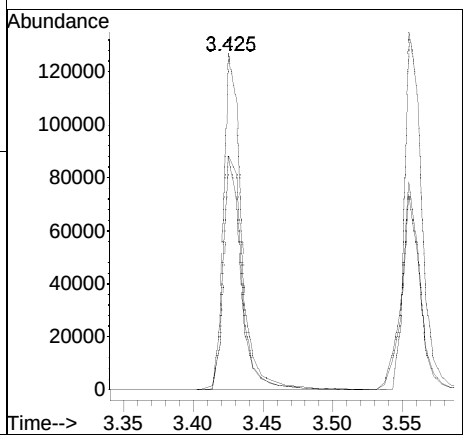


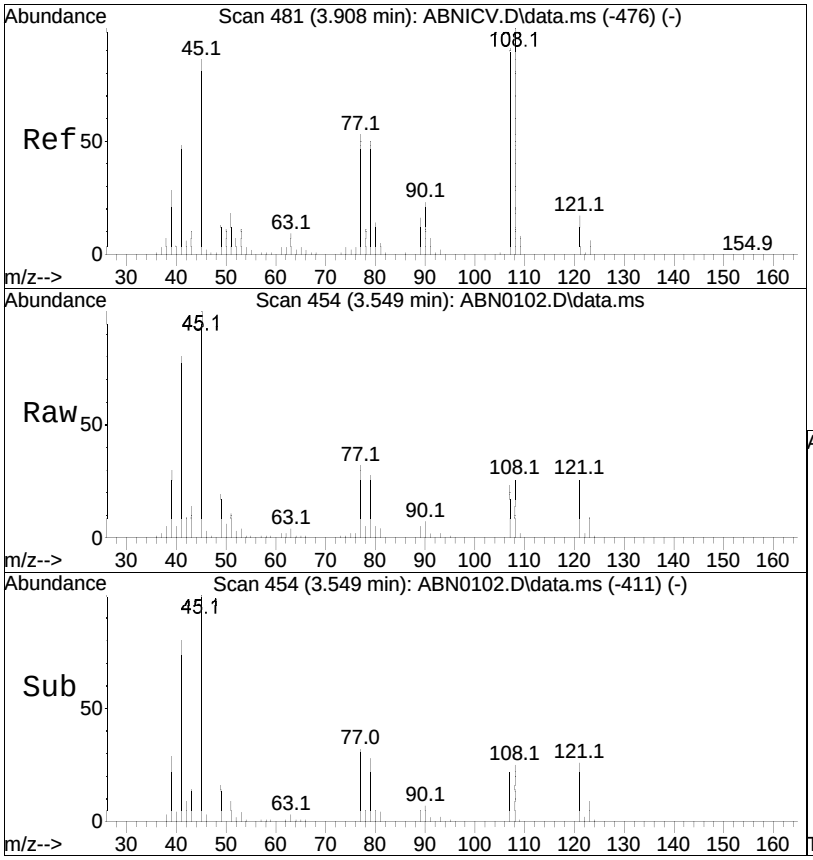


#13
Benzyl alcohol
Concen: 59.02 ug/ml
RT: 3.425 min Scan# 433
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion: 79 Resp: 115033

Ion	Ratio	Lower	Upper
79	100		
77	68.7	54.6	81.8
108	73.4	65.1	97.7

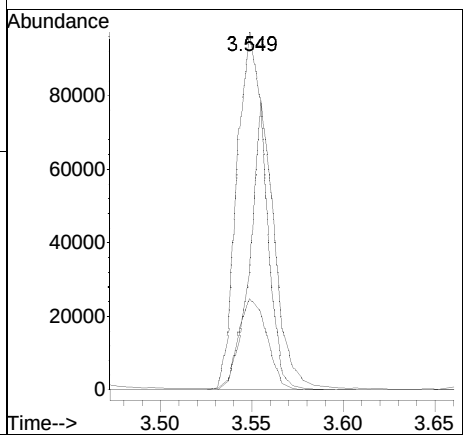


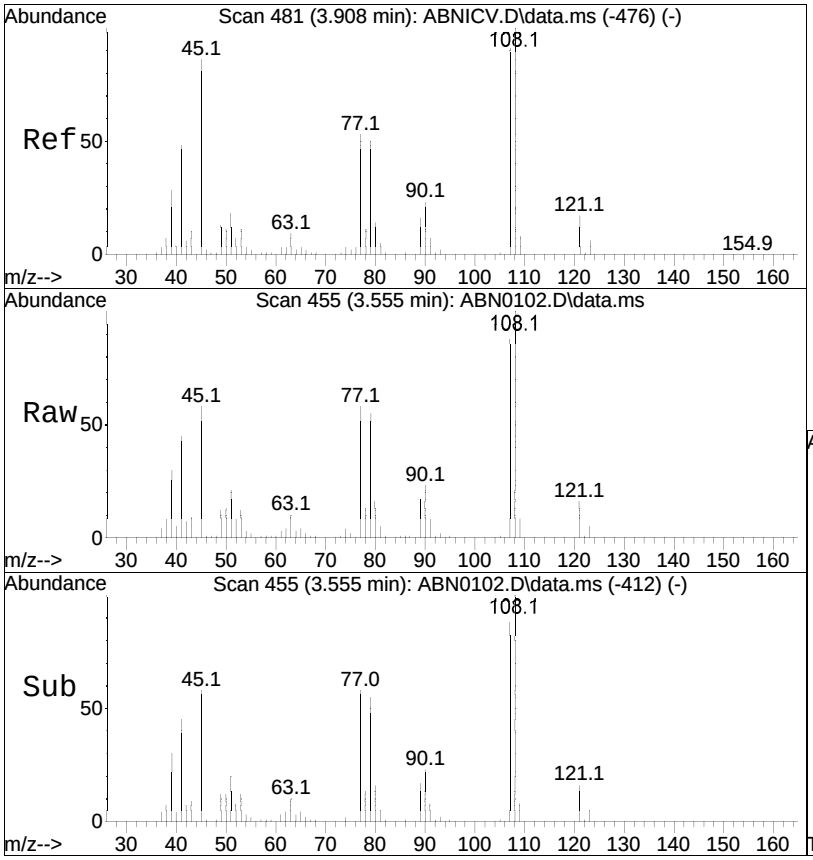


#14
Bis(2-chloroisopropyl)ether
Concen: 39.24 ug/ml
RT: 3.549 min Scan# 454
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion: 45 Resp: 103994

Ion	Ratio	Lower	Upper
45	100		
121	26.1	16.0	24.0#
77	70.4	32.1	48.1#

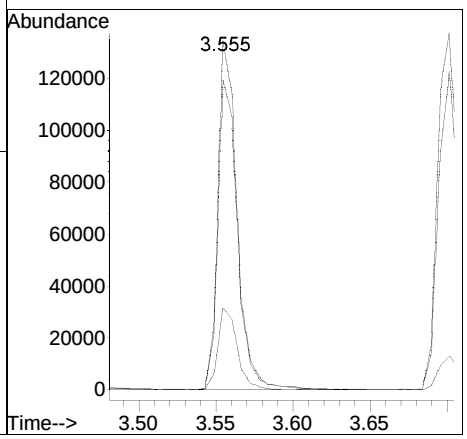


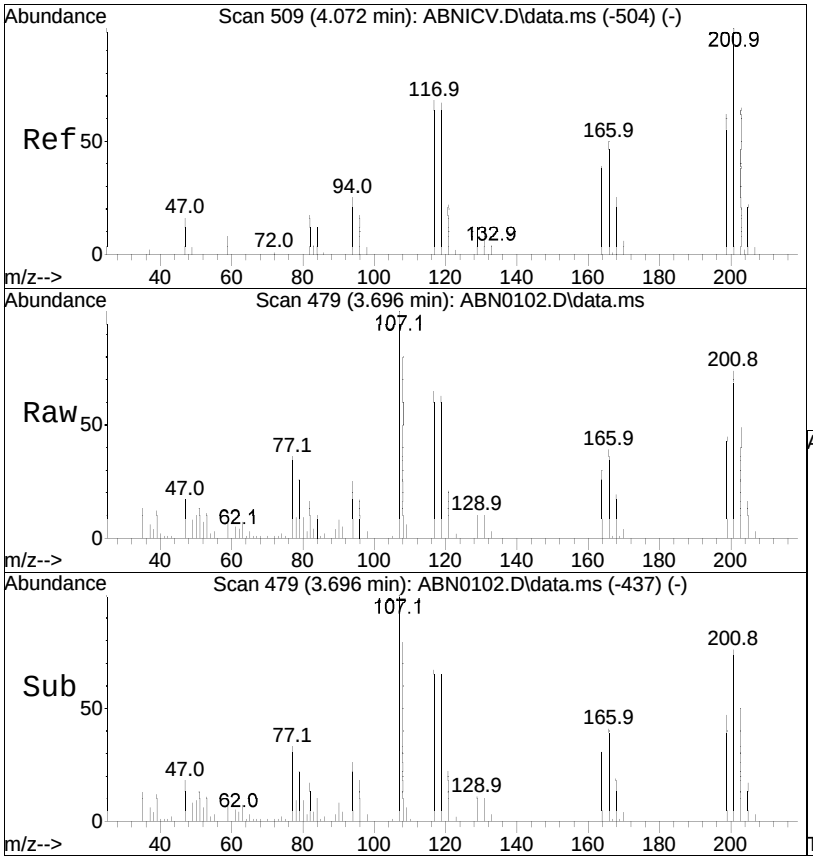


#15
2-Methylphenol
Concen: 54.66 ug/ml
RT: 3.555 min Scan# 455
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:108 Resp: 116634

Ion	Ratio	Lower	Upper
108	100		
107	90.8	70.3	105.5
90	23.6	18.7	28.1

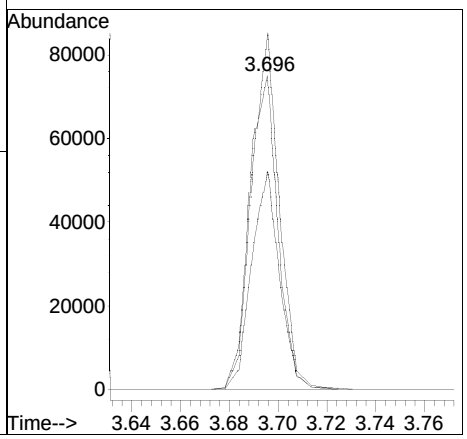


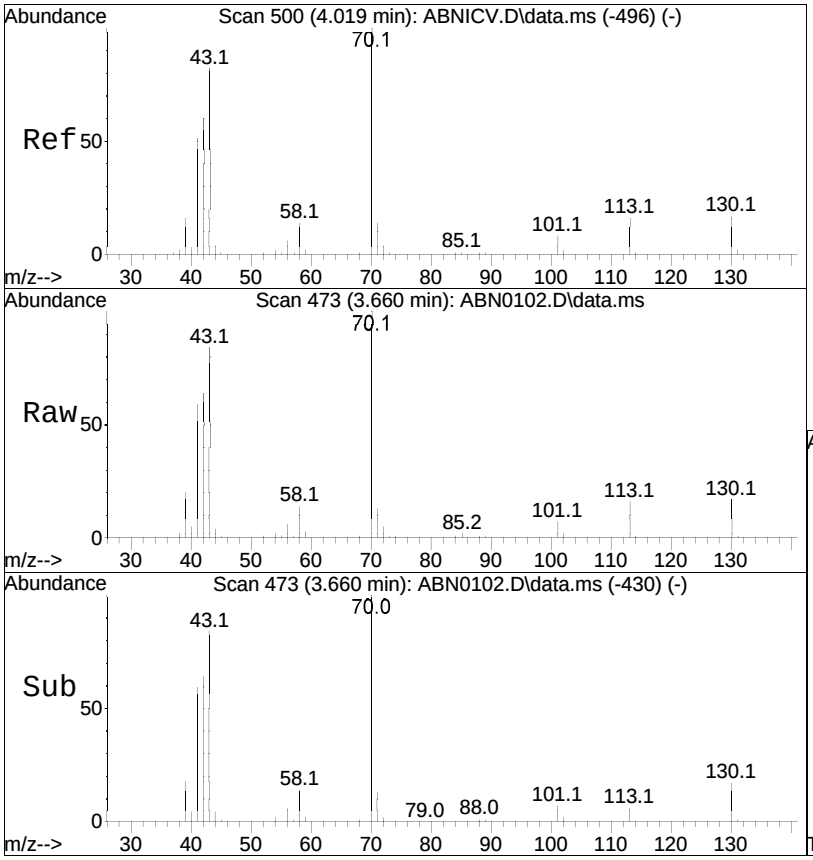


#16
Hexachloroethane
Concen: 51.45 ug/ml
RT: 3.696 min Scan# 479
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:117 Resp: 61338

Ion	Ratio	Lower	Upper
117	100		
201	108.7	73.4	110.0
199	67.6	45.9	68.9

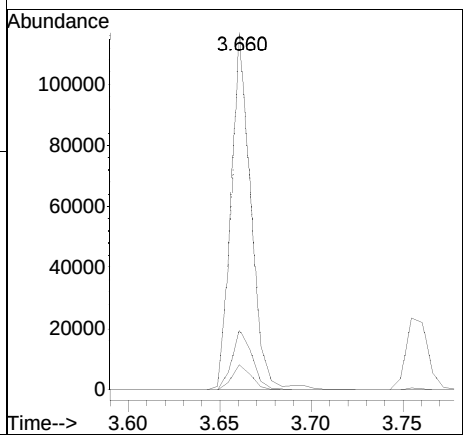


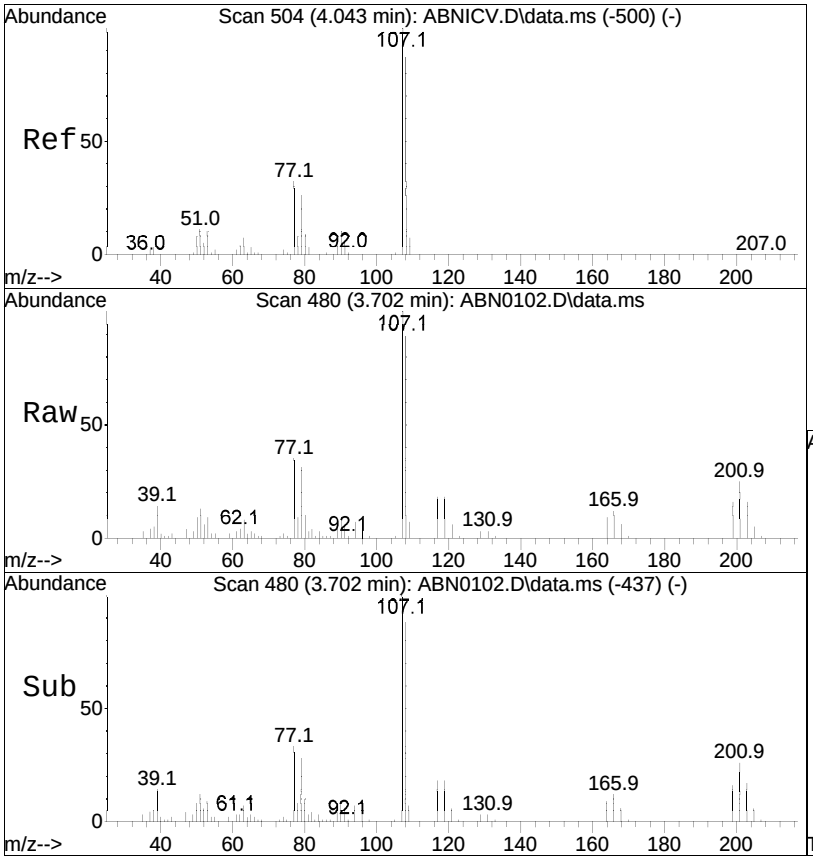


#17
n-Nitrosodi-n-propylamine
Concen: 52.77 ug/ml
RT: 3.660 min Scan# 473
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion: 70 Resp: 87601

Ion	Ratio	Lower	Upper
70	100		
130	17.0	17.1	25.7#
101	6.9	7.0	10.4#

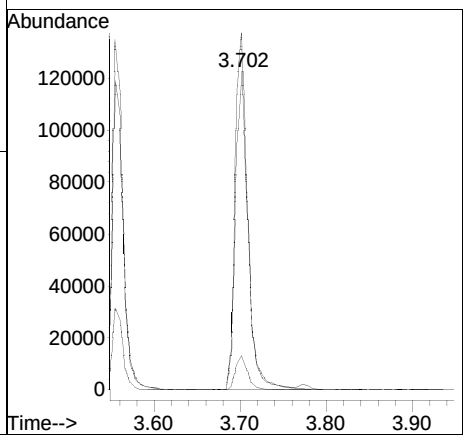


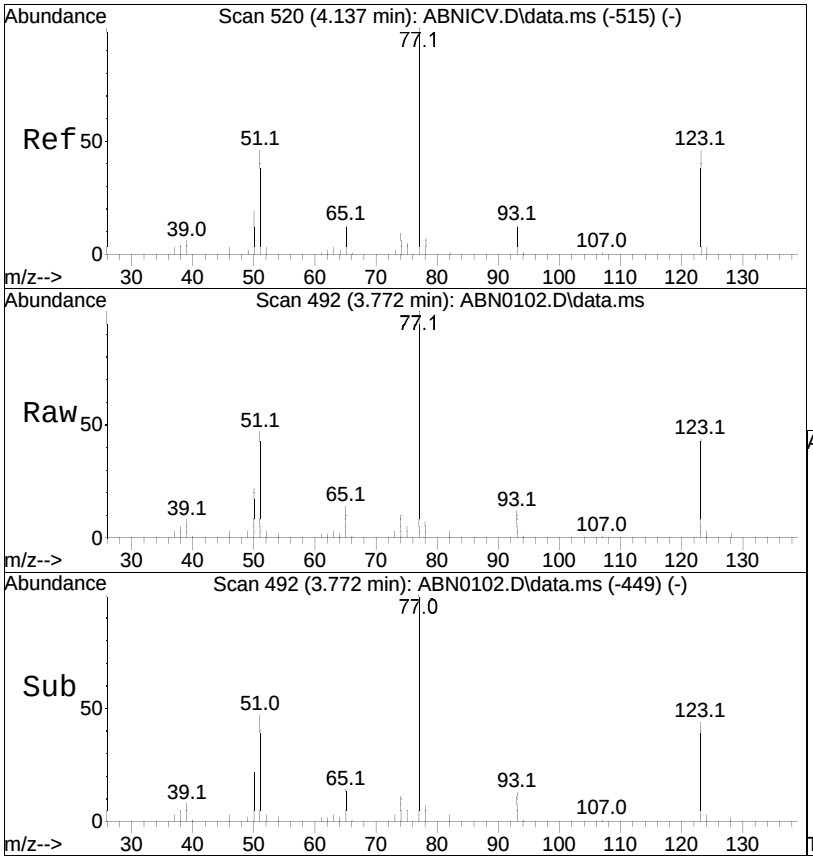


#18
3-Methylphenol/4-Methylphenol
Concen: 55.62 ug/ml
RT: 3.702 min Scan# 480
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:108 Resp: 125764

Ion	Ratio	Lower	Upper
108	100		
107	112.6	88.2	132.2
90	10.5	8.5	12.7

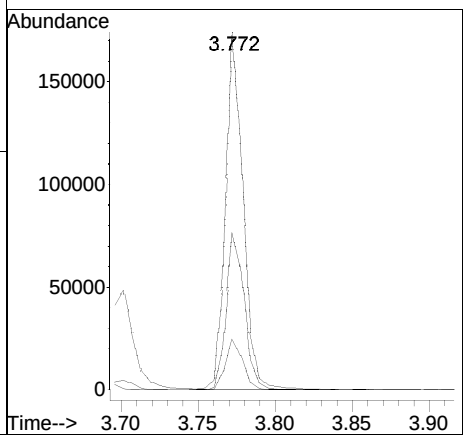


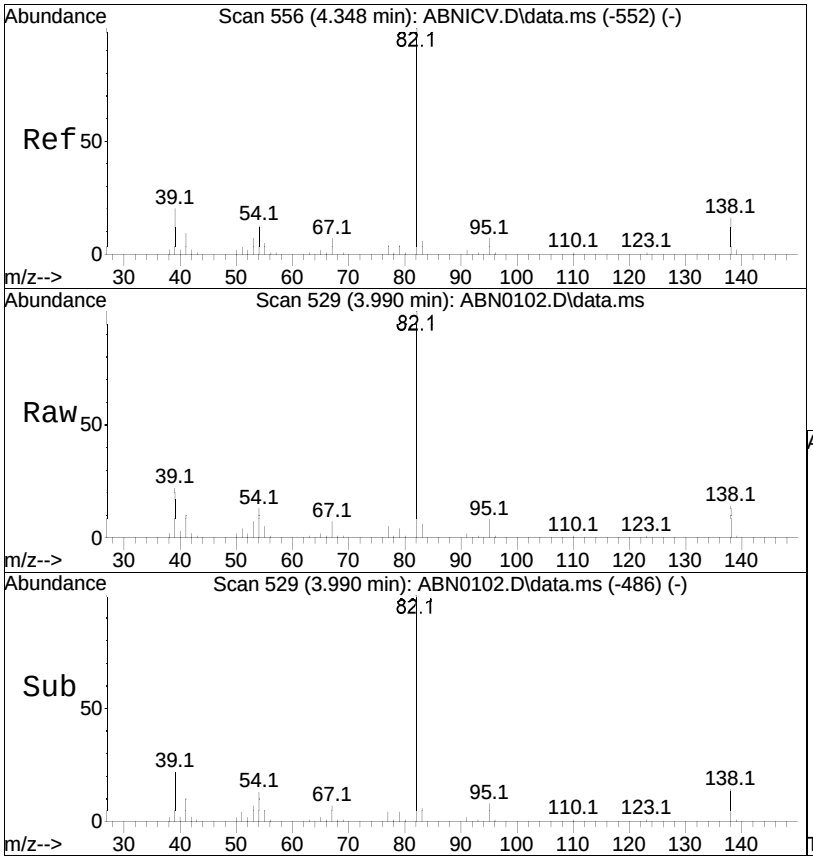


#20
Nitrobenzene
Concen: 55.93 ug/ml
RT: 3.772 min Scan# 492
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion: 77 Resp: 137022

Ion	Ratio	Lower	Upper
77	100		
123	45.6	39.5	59.3
65	14.4	11.0	16.6

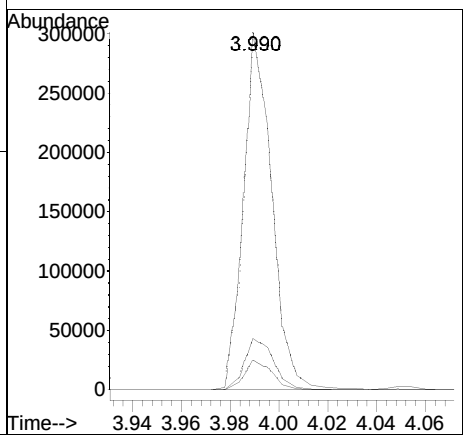


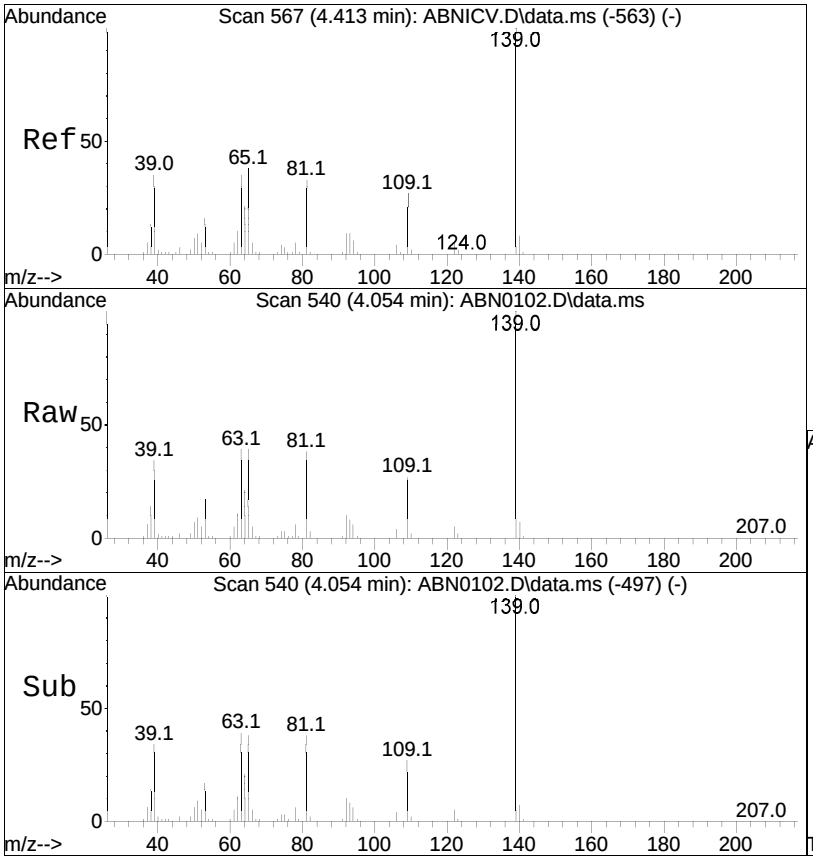


#21
Isophorone
Concen: 54.99 ug/ml
RT: 3.990 min Scan# 529
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion: 82 Resp: 241309

Ion	Ratio	Lower	Upper
82	100		
138	15.0	13.9	20.9
95	8.3	5.1	7.7#

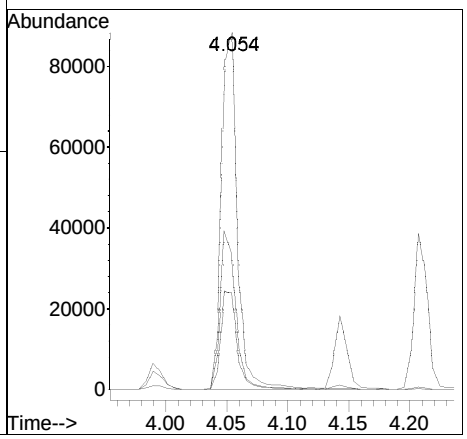


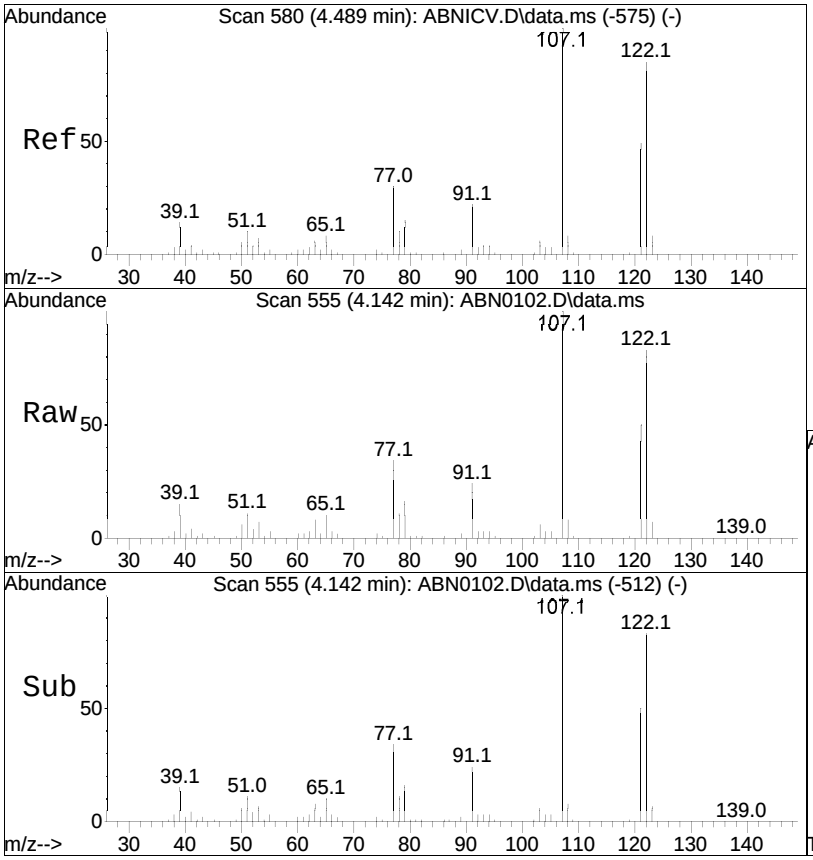


#22
2-Nitrophenol
Concen: 57.92 ug/ml
RT: 4.054 min Scan# 540
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:139 Resp: 80257

Ion	Ratio	Lower	Upper
139	100		
109	28.3	17.2	25.8#
65	43.5	33.8	50.6

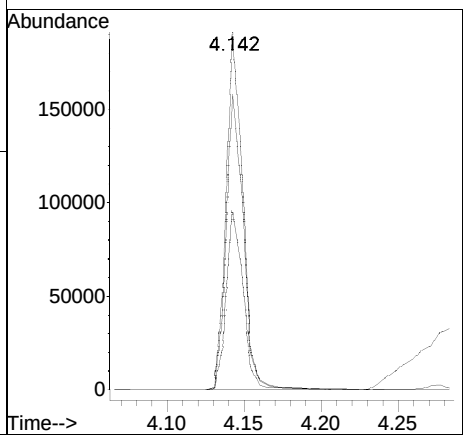


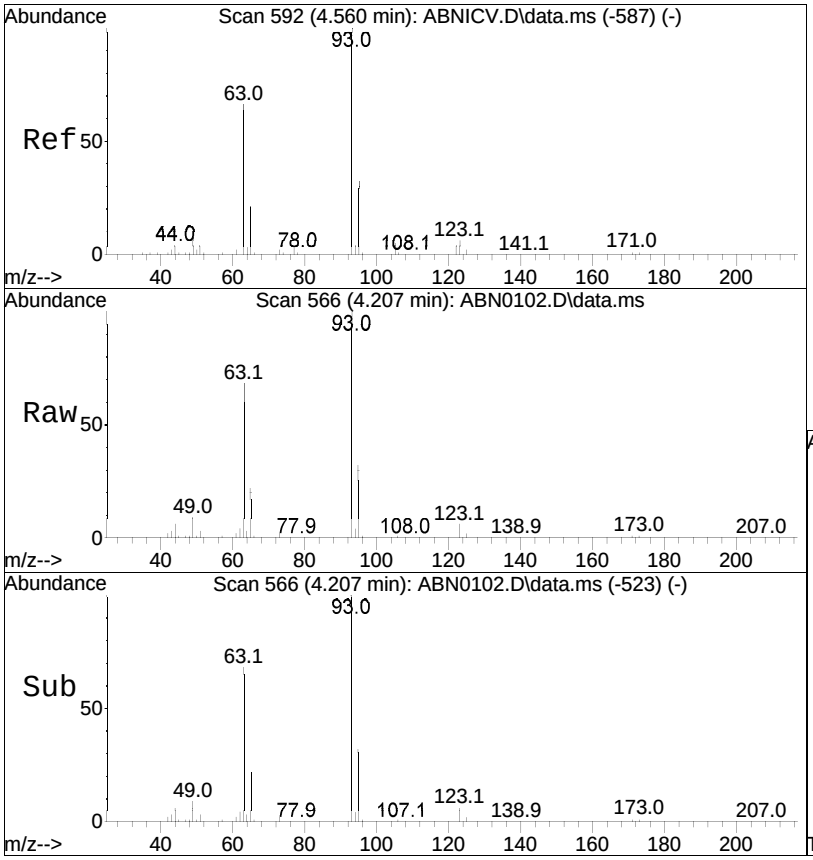


#23
2,4-Dimethylphenol
Concen: 56.33 ug/ml
RT: 4.142 min Scan# 555
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:107 Resp: 143561

Ion	Ratio	Lower	Upper
107	100		
121	51.3	41.2	61.8
122	84.0	72.5	108.7

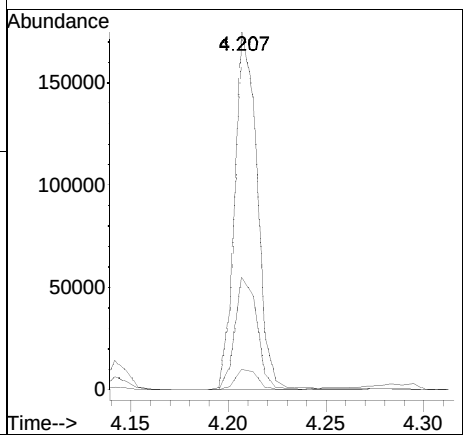


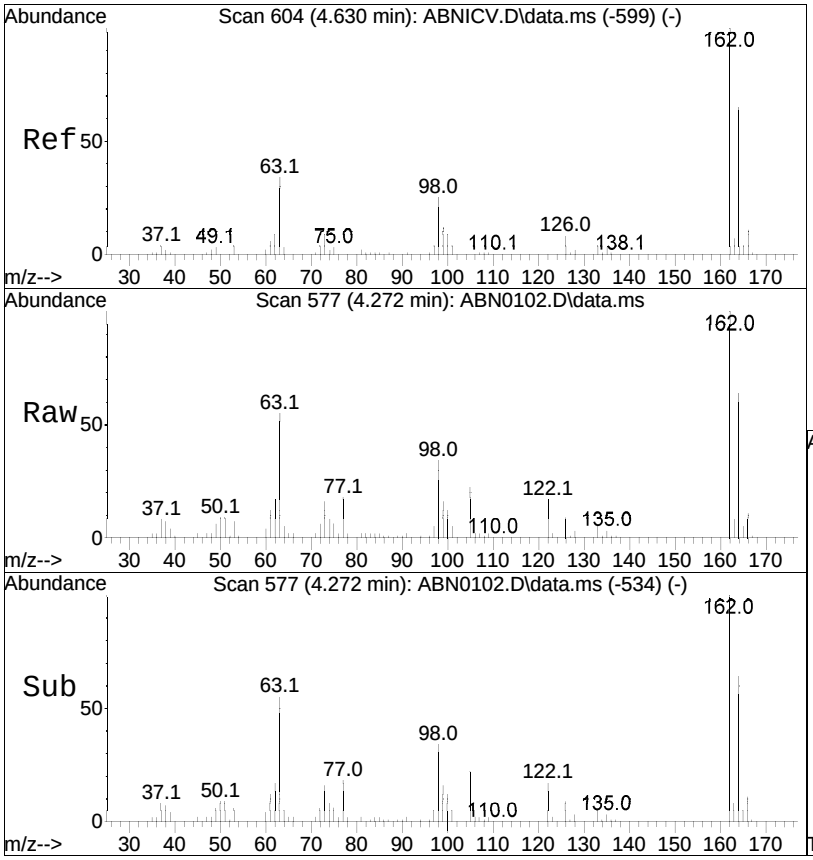


#24
Bis(2-chloroethoxy)methane
Concen: 50.85 ug/ml
RT: 4.207 min Scan# 566
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion: 93 Resp: 139532

Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.8	40.2
123	5.9	8.7	13.1#

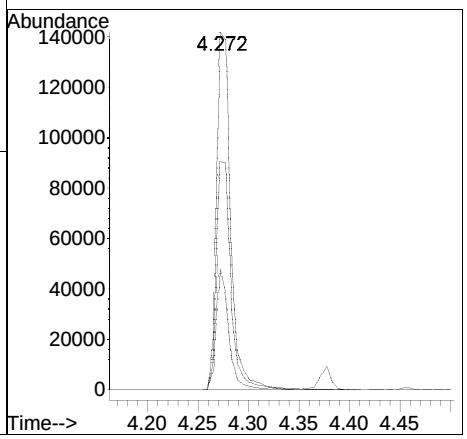


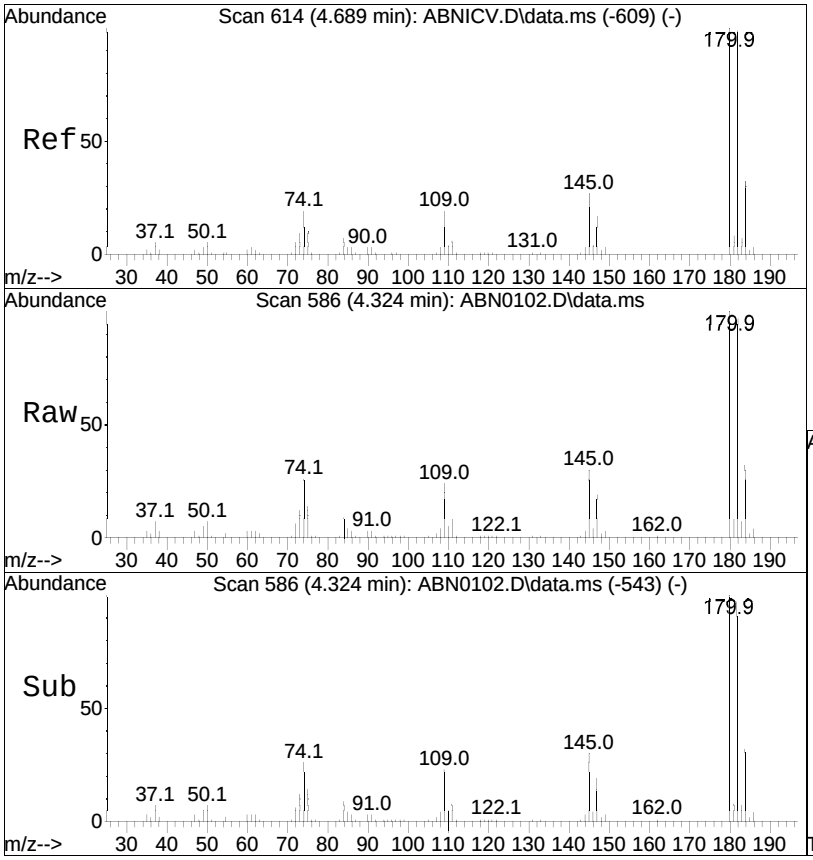


#25
2,4-Dichlorophenol
Concen: 50.62 ug/ml
RT: 4.272 min Scan# 577
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:162 Resp: 137211

Ion	Ratio	Lower	Upper
162	100		
164	64.7	51.8	77.8
98	29.8	25.0	37.4

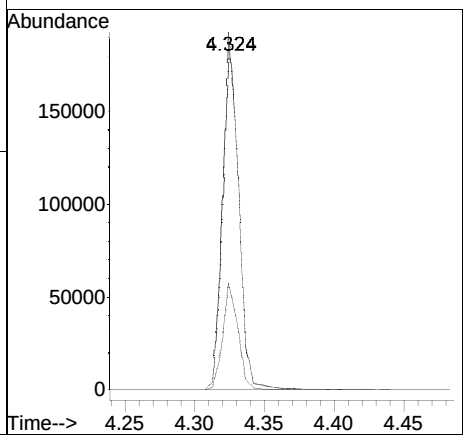


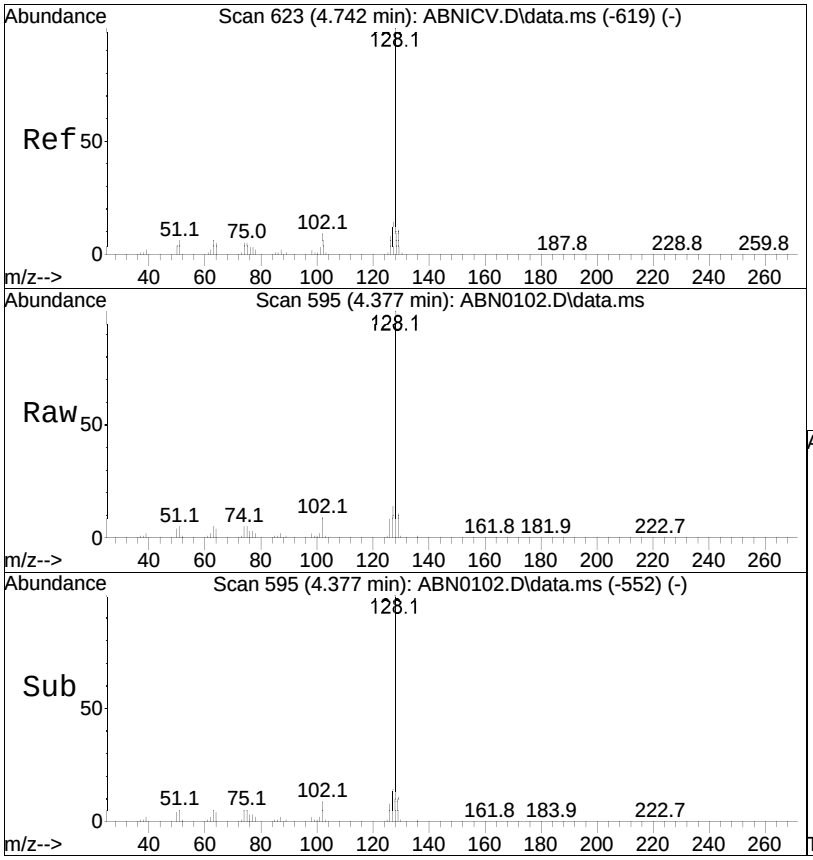


#26
1,2,4-Trichlorobenzene
Concen: 45.59 ug/ml
RT: 4.324 min Scan# 586
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:180 Resp: 150317

Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.5	116.3
145	29.0	22.2	33.2

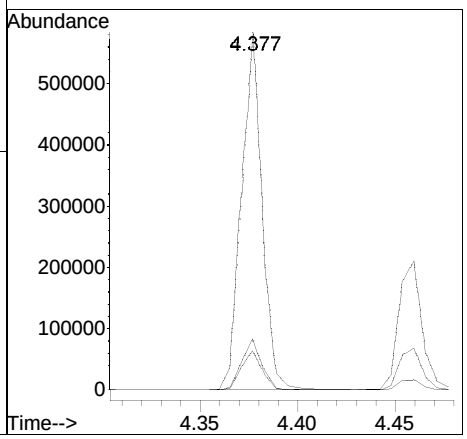


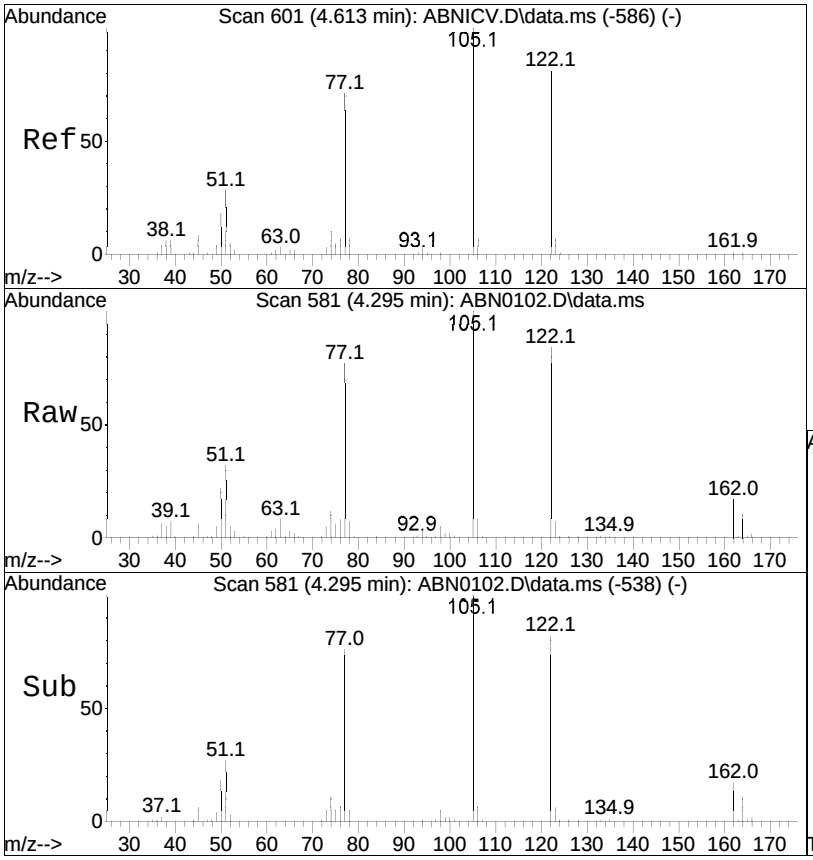


#36
Naphthalene
Concen: 50.19 ug/ml
RT: 4.377 min Scan# 595
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:128 Resp: 425392

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	14.2	11.3	16.9

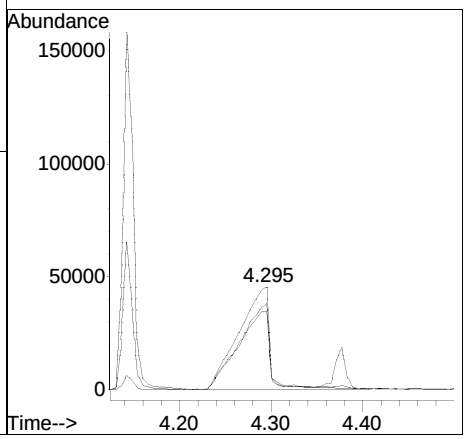


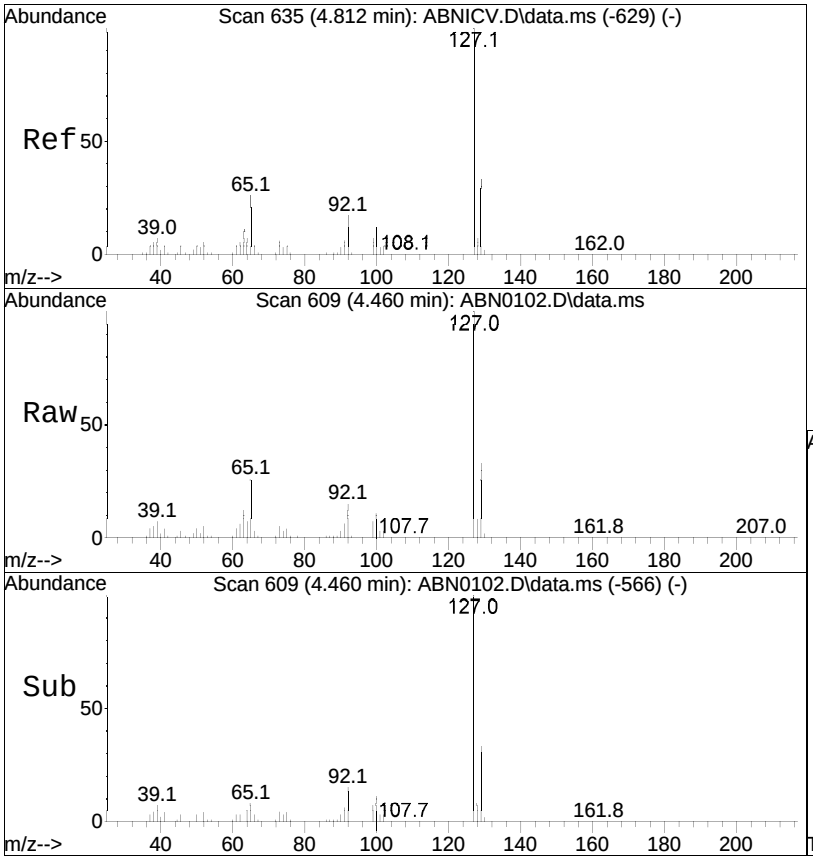


#37
Benzoic Acid
Concen: 53.54 ug/ml M1
RT: 4.295 min Scan# 581
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:105 Resp: 109777

Ion	Ratio	Lower	Upper
105	100		
122	109.8	2158.8	3238.2#
77	43.9	747.4	1121.0#

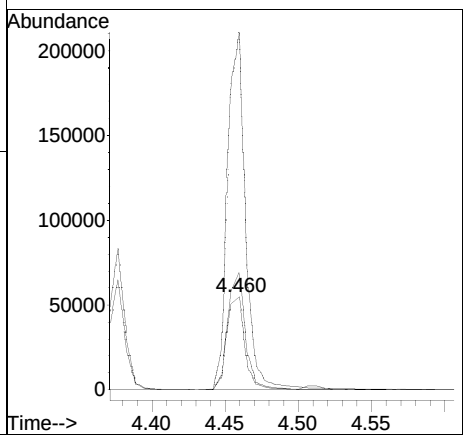


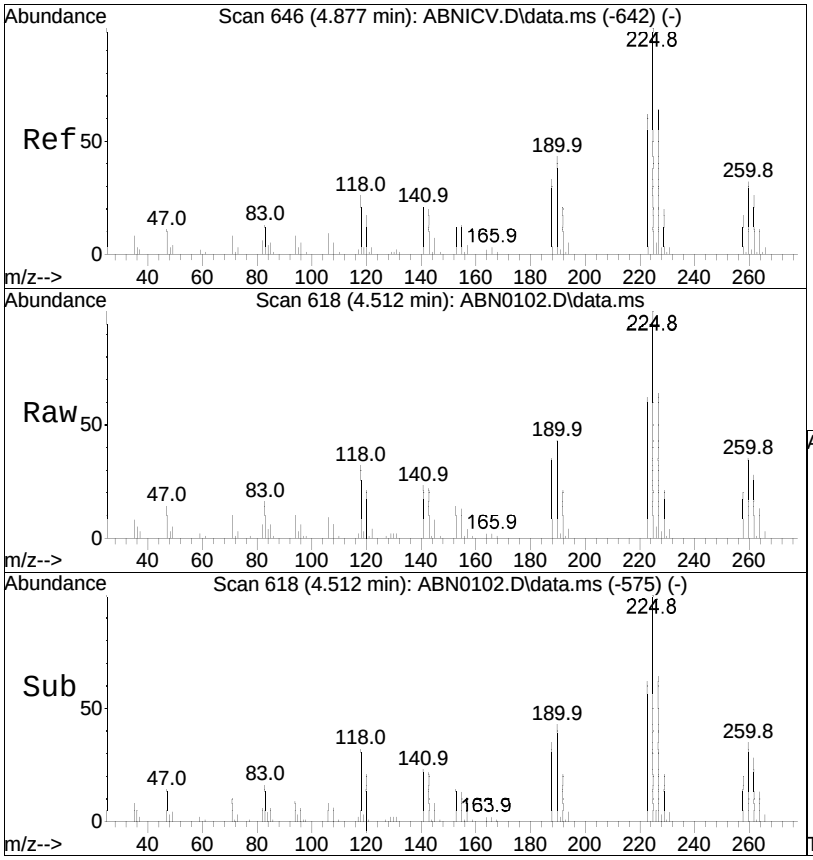


#38
4-Chloroaniline
Concen: 53.10 ug/ml
RT: 4.460 min Scan# 609
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion: 65 Resp: 48173

Ion	Ratio	Lower	Upper
65	100		
127	372.5	302.2	453.2
129	121.3	97.8	146.8

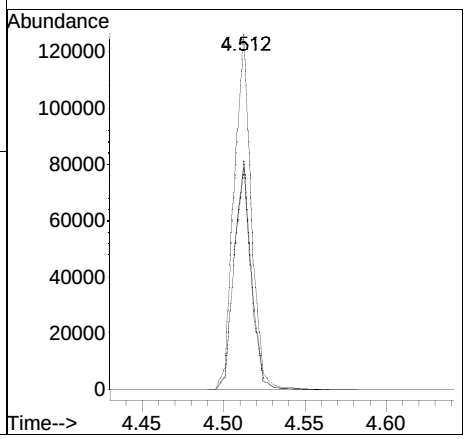


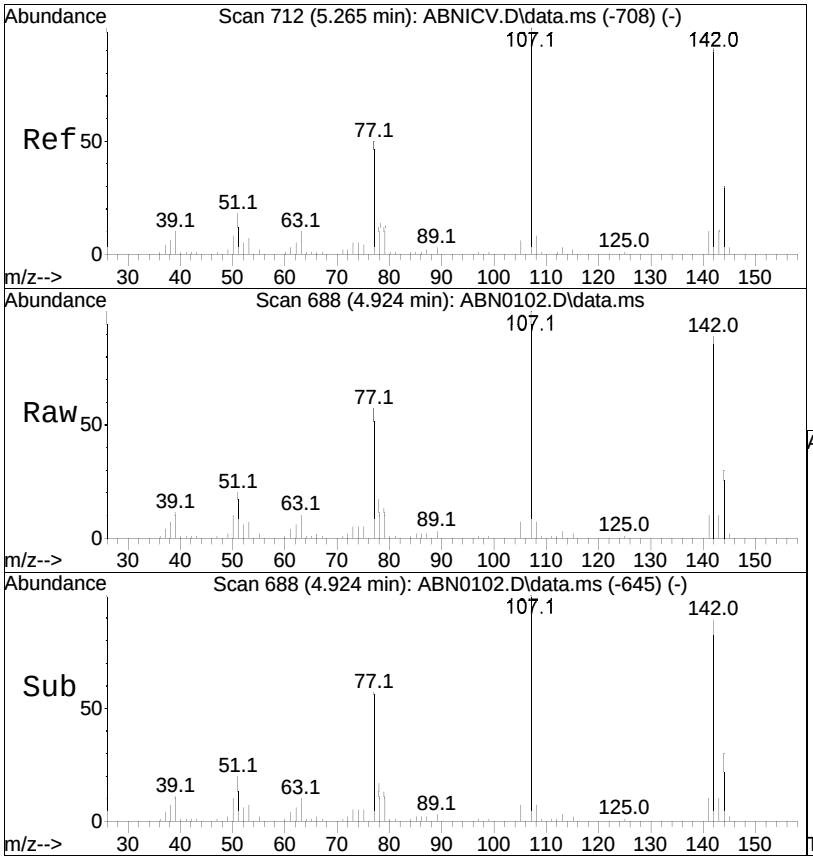


#39
Hexachlorobutadiene
Concen: 37.76 ug/ml
RT: 4.512 min Scan# 618
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:225 Resp: 92546

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.0	75.0
227	64.5	51.8	77.6

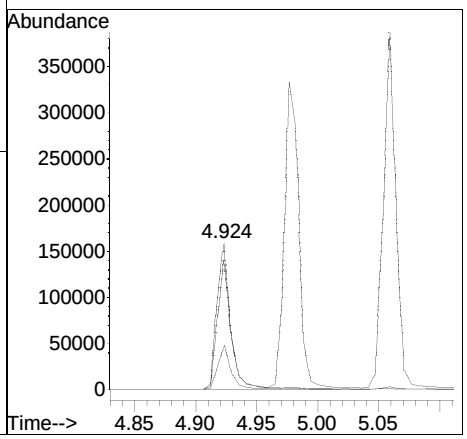


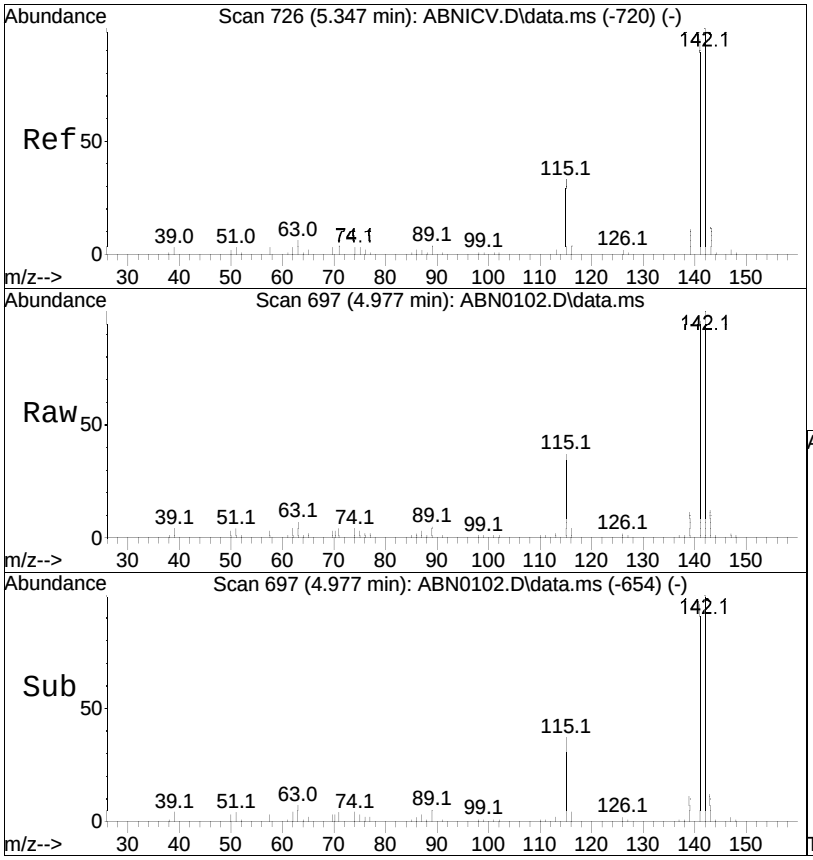


#40
p-Chloro-m-cresol
Concen: 51.71 ug/ml
RT: 4.924 min Scan# 688
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:107 Resp: 125534

Ion	Ratio	Lower	Upper
107	100		
144	28.6	23.3	34.9
142	84.0	72.7	109.1

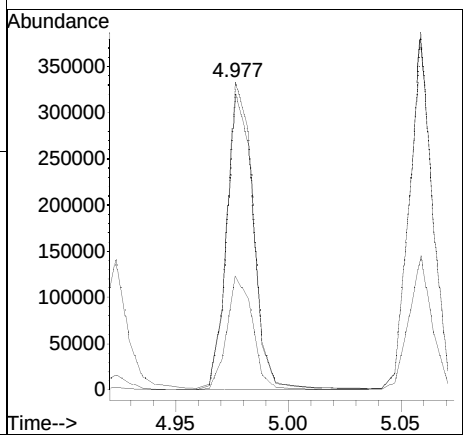


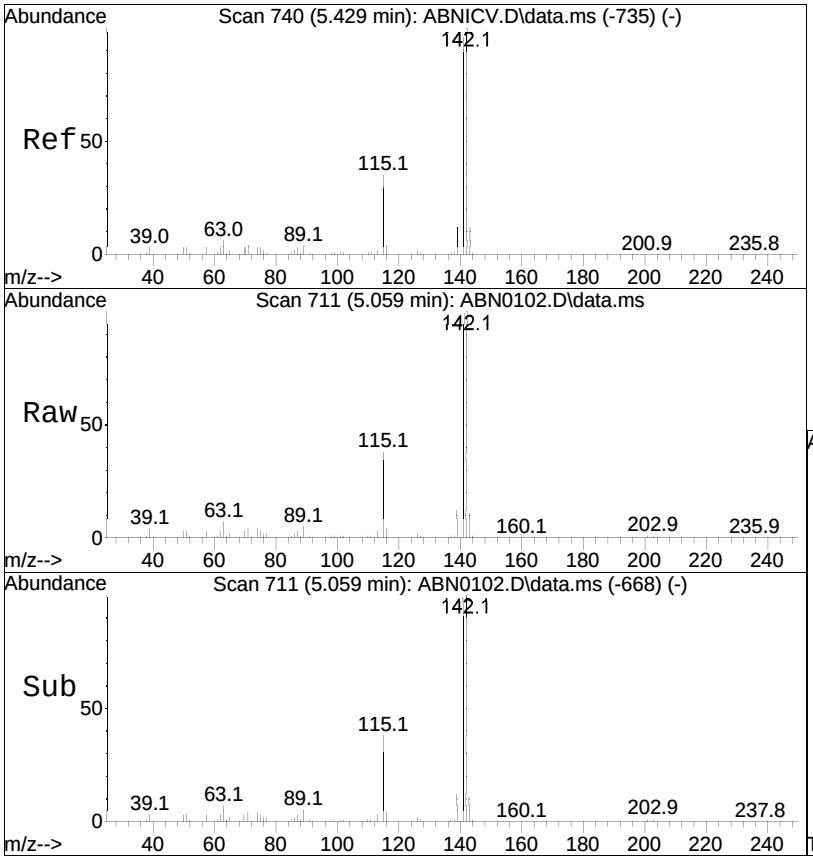


#41
2-Methylnaphthalene
Concen: 48.14 ug/ml
RT: 4.977 min Scan# 697
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:142 Resp: 275662

Ion	Ratio	Lower	Upper
142	100		
141	95.2	69.5	104.3
115	35.6	25.4	38.2

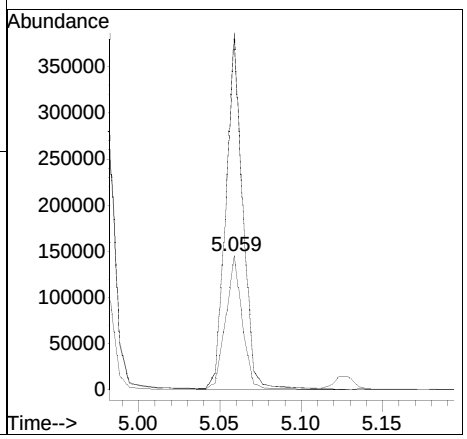


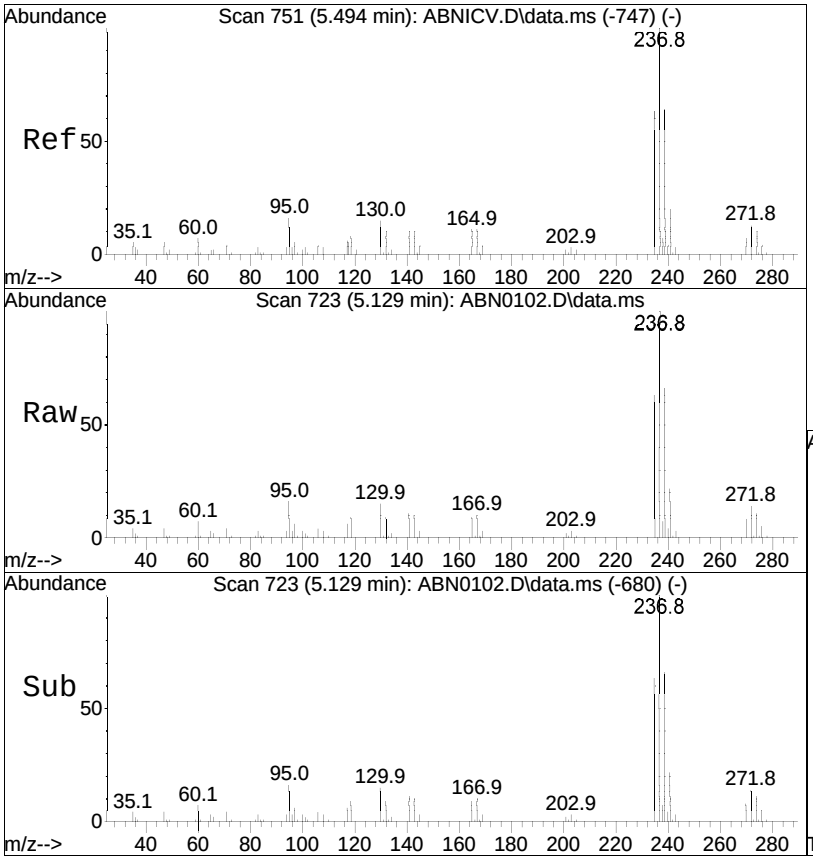


#42
1-Methylnaphthalene
Concen: 49.90 ug/ml
RT: 5.059 min Scan# 711
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:115 Resp: 104370

Ion	Ratio	Lower	Upper
115	100		
141	265.3	218.1	327.1
142	270.0	245.3	367.9

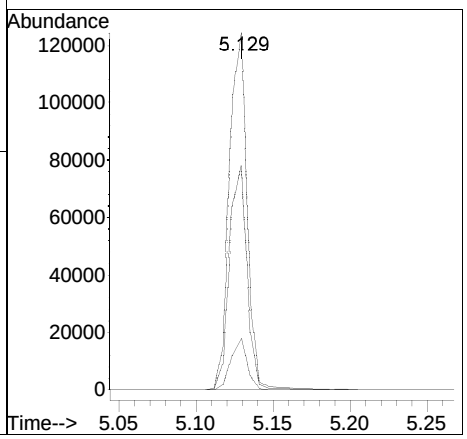


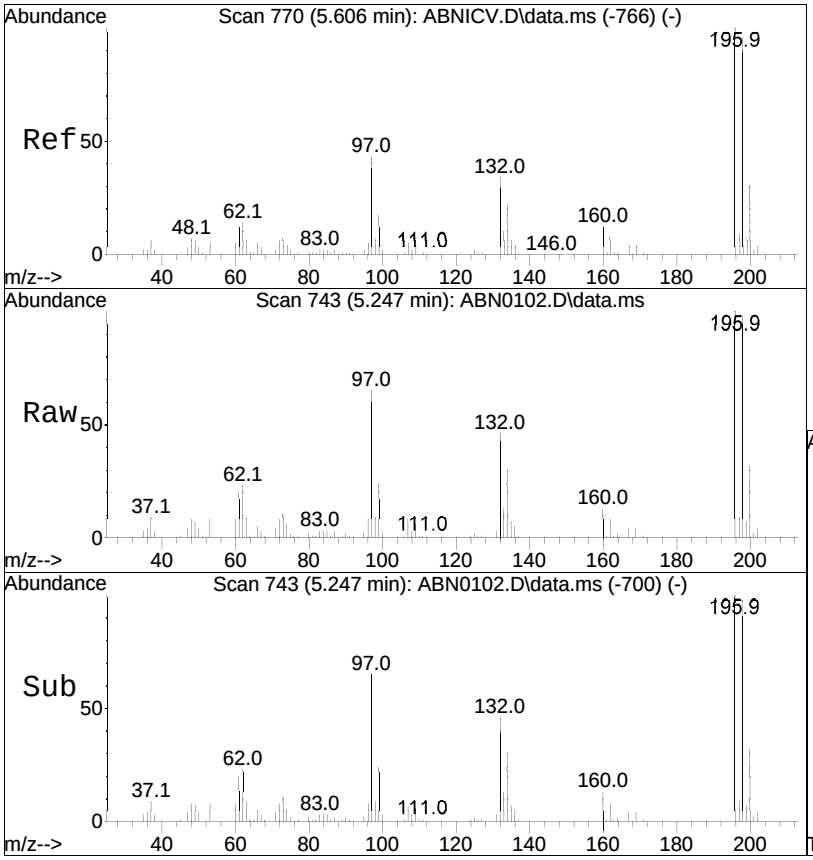


#43
Hexachlorocyclopentadiene
Concen: 36.73 ug/ml
RT: 5.129 min Scan# 723
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:237 Resp: 99178

Ion	Ratio	Lower	Upper
237	100		
235	62.2	49.9	74.9
272	13.2	11.4	17.2

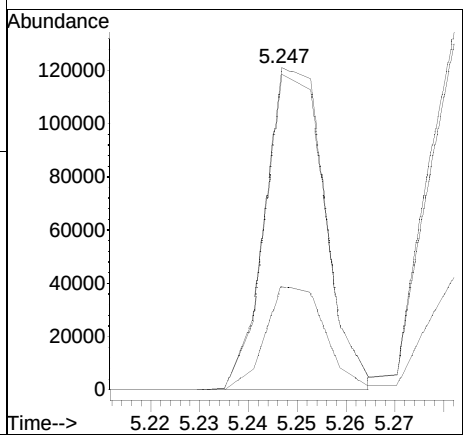


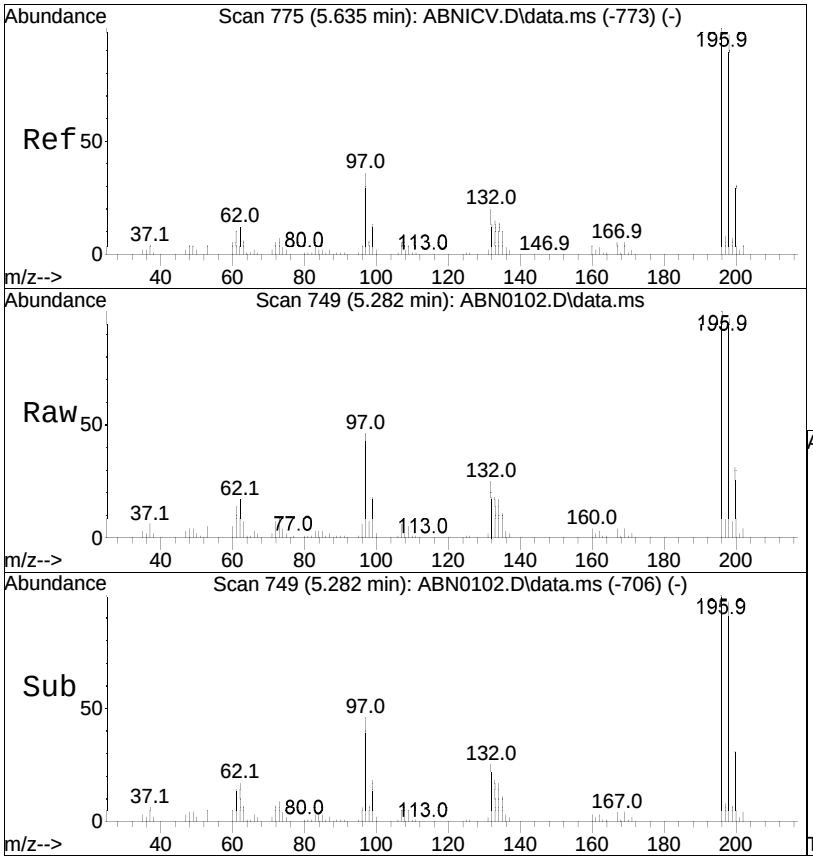


#44
2,4,6-Trichlorophenol
Concen: 40.28 ug/ml M3
RT: 5.247 min Scan# 743
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:196 Resp: 103788

Ion	Ratio	Lower	Upper
196	100		
198	97.3	77.0	115.6
200	31.7	25.0	37.6

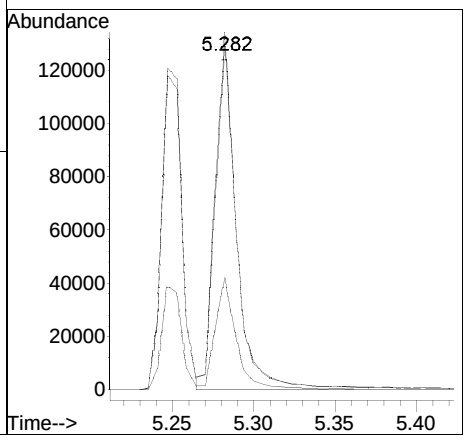


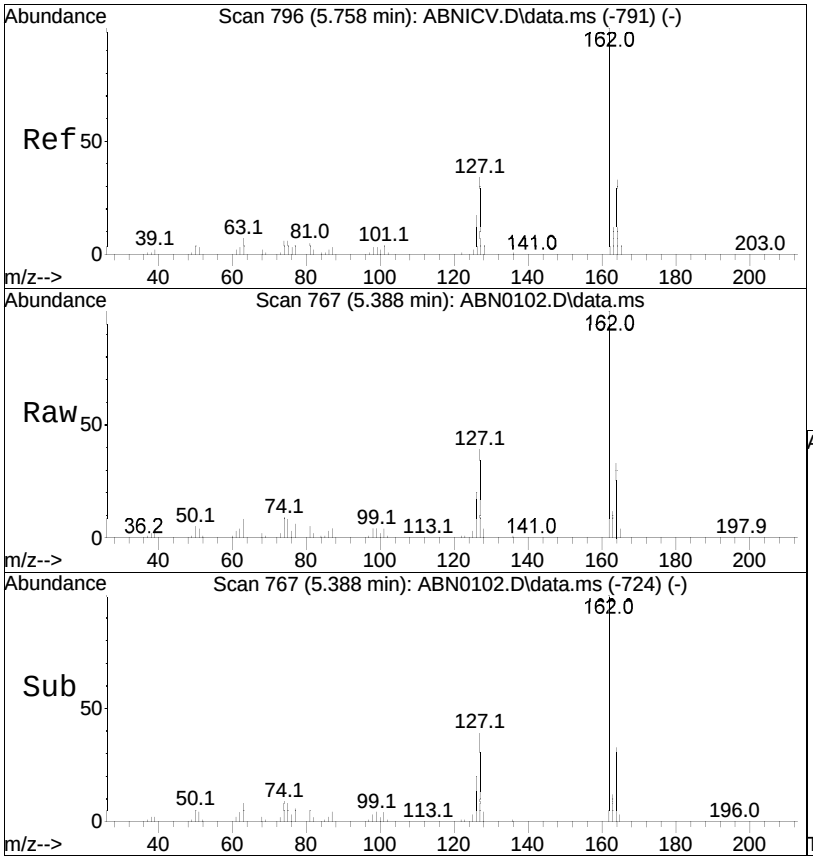


#45
2,4,5-Trichlorophenol
Concen: 42.82 ug/ml
RT: 5.282 min Scan# 749
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:196 Resp: 121314

Ion	Ratio	Lower	Upper
196	100		
200	31.0	24.9	37.3
198	98.2	78.5	117.7

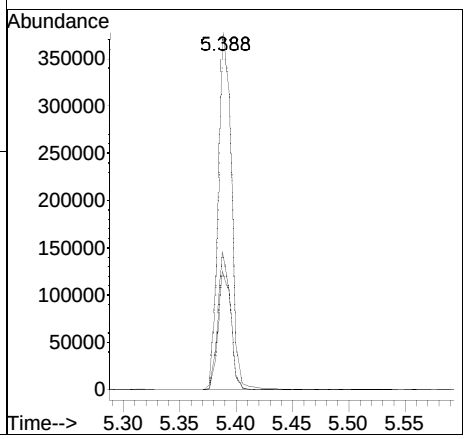


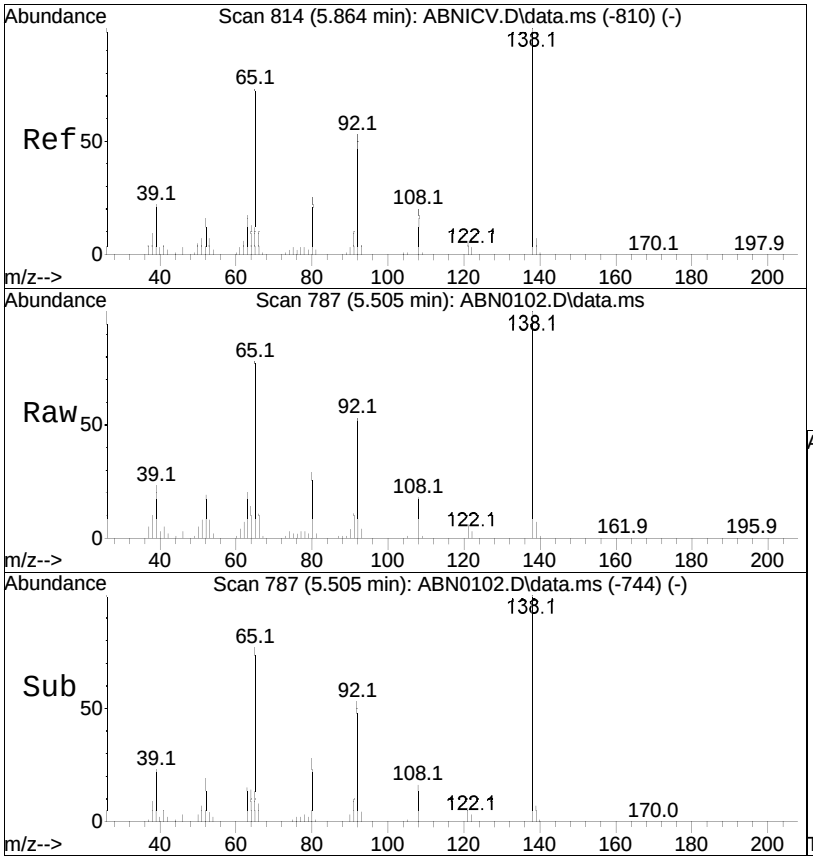


#47
2-Chloronaphthalene
Concen: 45.42 ug/ml
RT: 5.388 min Scan# 767
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:162 Resp: 310256

Ion	Ratio	Lower	Upper
162	100		
127	36.5	28.0	42.0
164	32.8	26.6	39.8

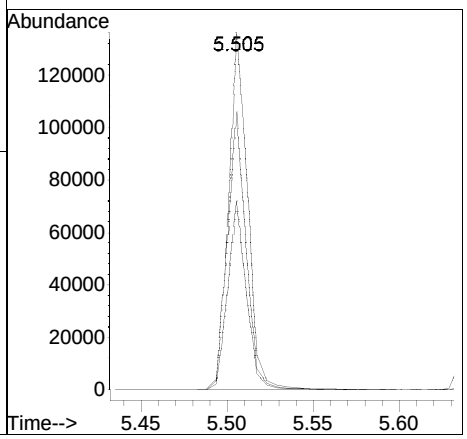


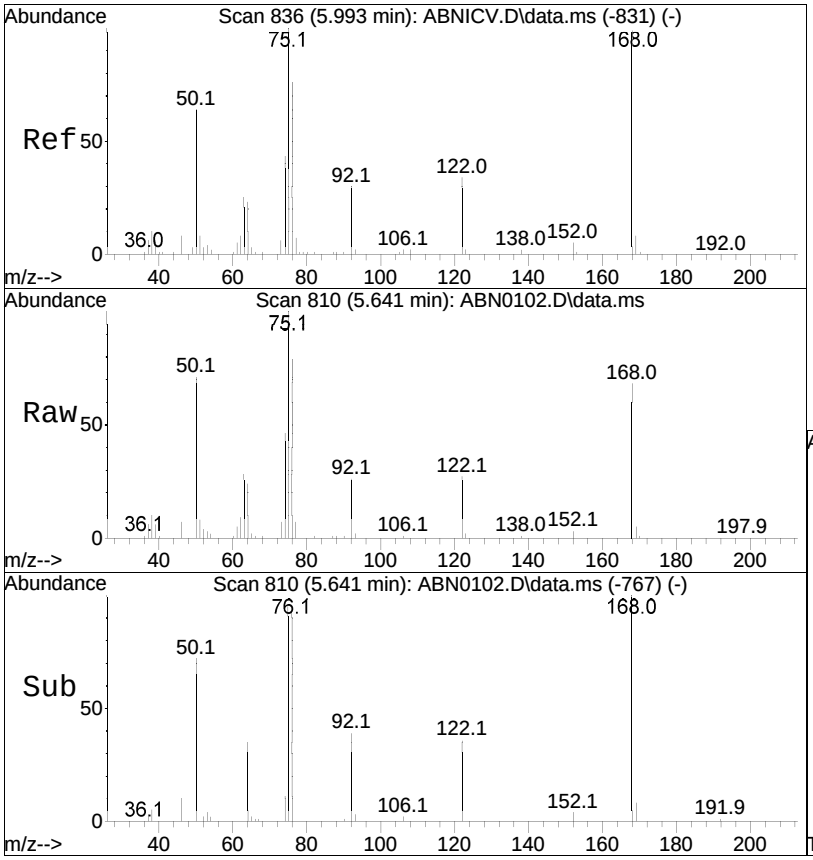


#48
2-Nitroaniline
Concen: 54.98 ug/ml
RT: 5.505 min Scan# 787
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:138 Resp: 103448

Ion	Ratio	Lower	Upper
138	100		
92	52.2	41.7	62.5
65	76.9	61.5	92.3

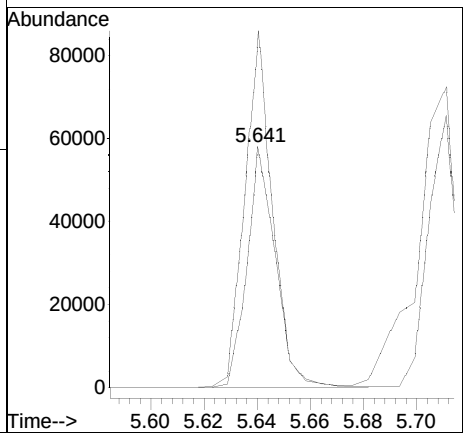


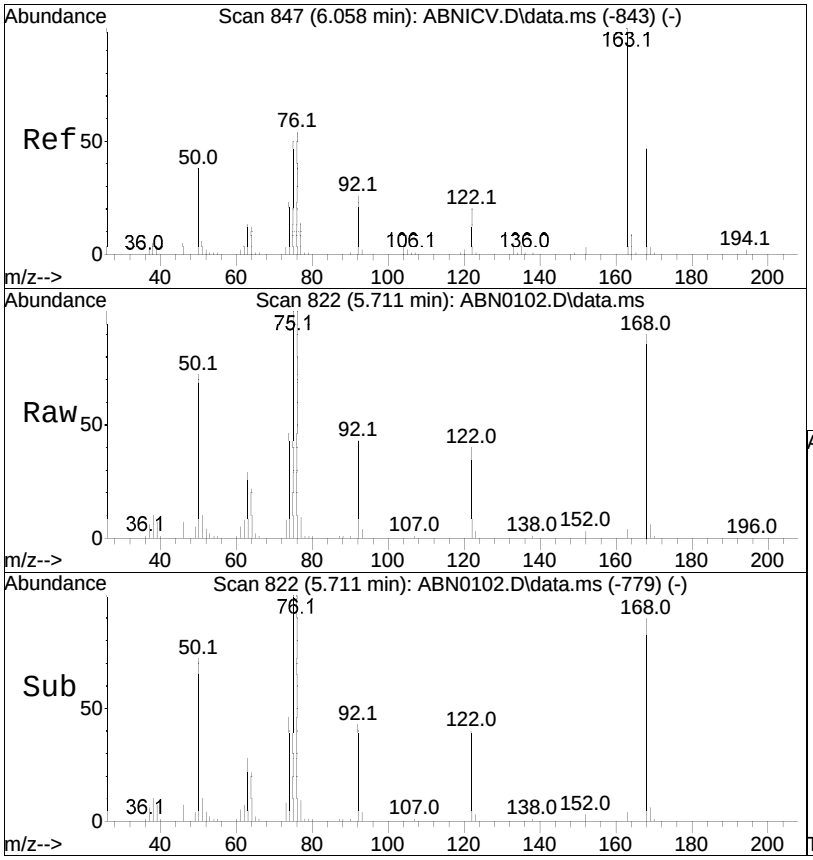


#49
1,4-Dinitrobenzene
Concen: 49.44 ug/ml
RT: 5.641 min Scan# 810
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:168 Resp: 43088

Ion	Ratio	Lower	Upper
168	100		
75	144.3	102.0	153.0

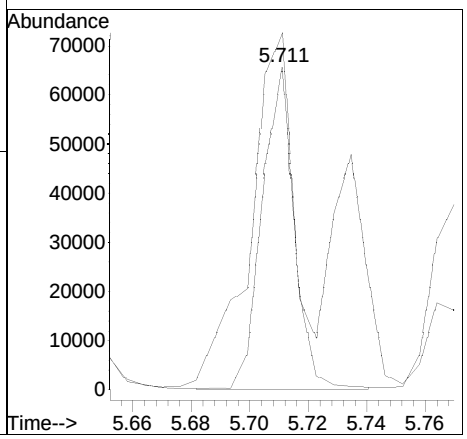


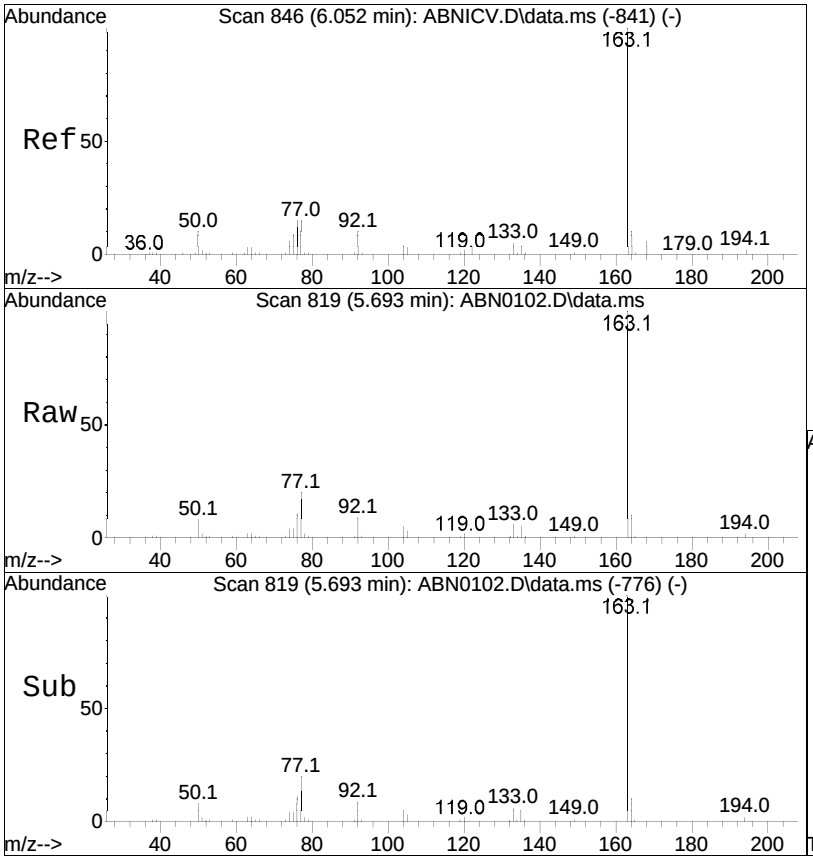


#50
1,3-Dinitrobenzene
Concen: 49.83 ug/ml
RT: 5.711 min Scan# 822
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:168 Resp: 50228

Ion	Ratio	Lower	Upper
168	100		
75	152.1	107.1	160.7

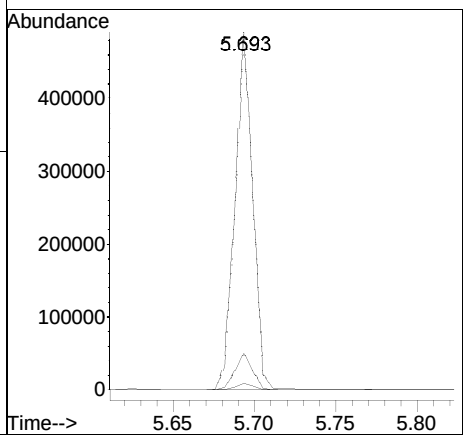


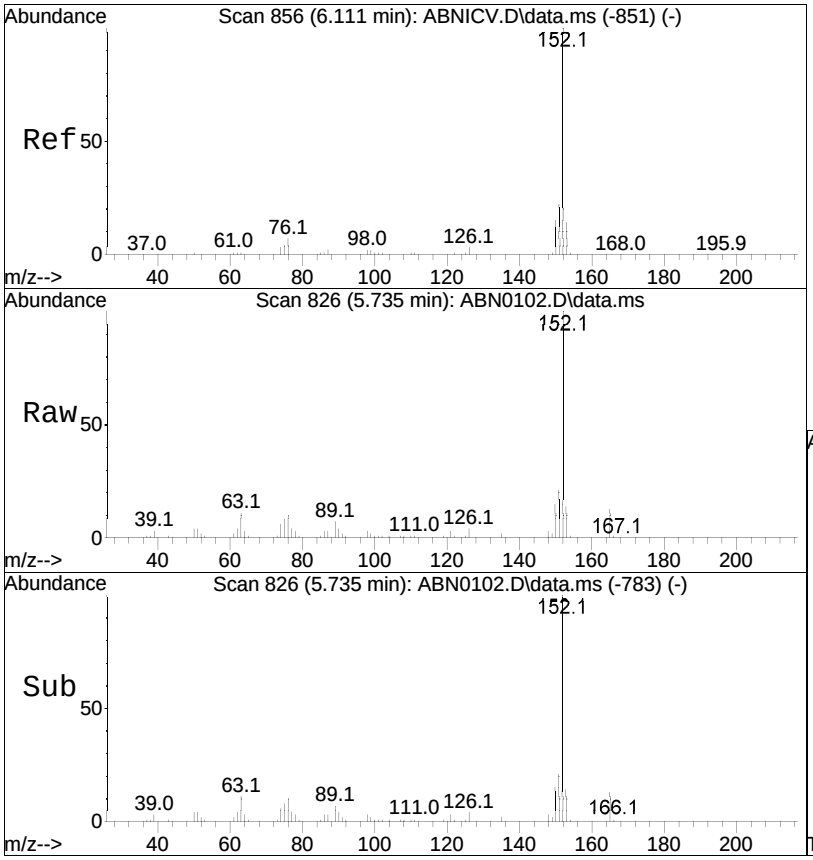


#51
Dimethyl phthalate
Concen: 44.47 ug/ml
RT: 5.693 min Scan# 819
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:163 Resp: 366346

Ion	Ratio	Lower	Upper
163	100		
194	1.7	3.4	5.2#
164	10.2	8.4	12.6

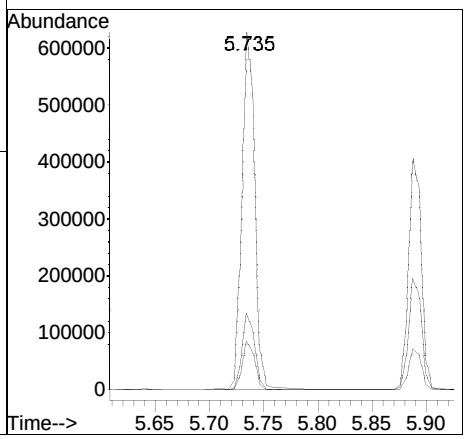


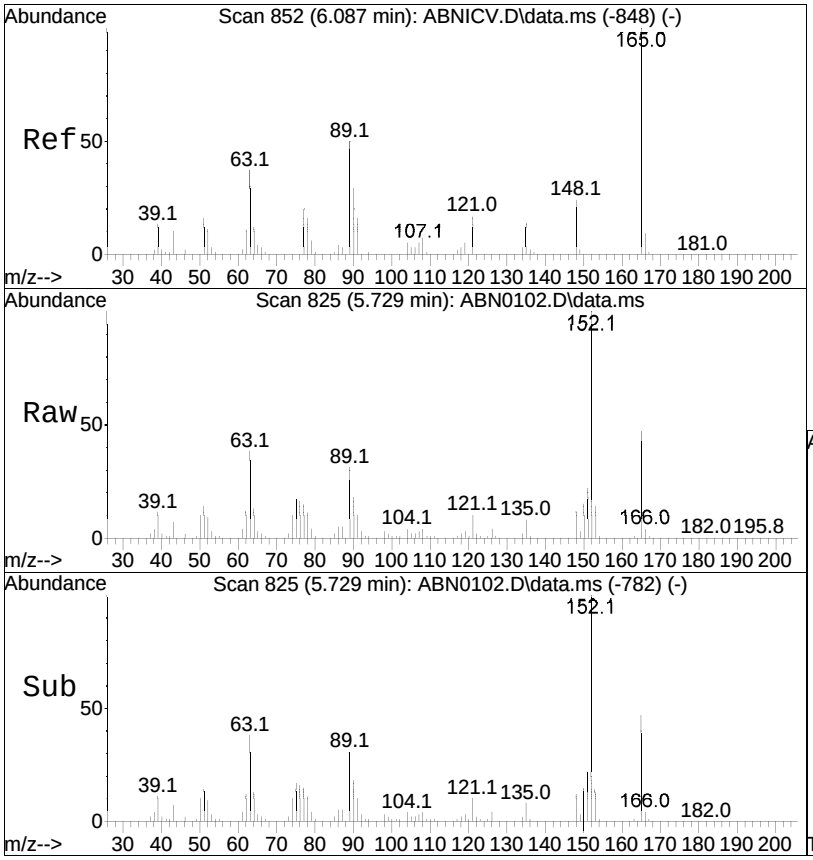


#52
Acenaphthylene
Concen: 48.71 ug/ml
RT: 5.735 min Scan# 826
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:152 Resp: 523338

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.7	25.1
153	13.4	11.1	16.7

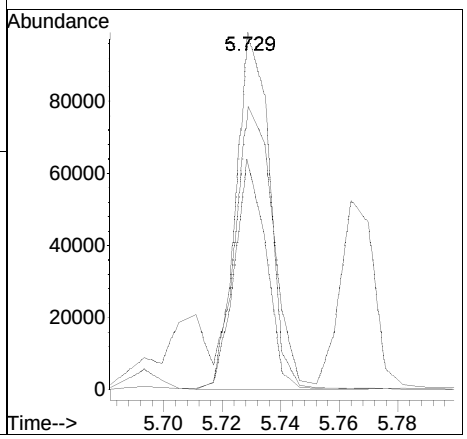


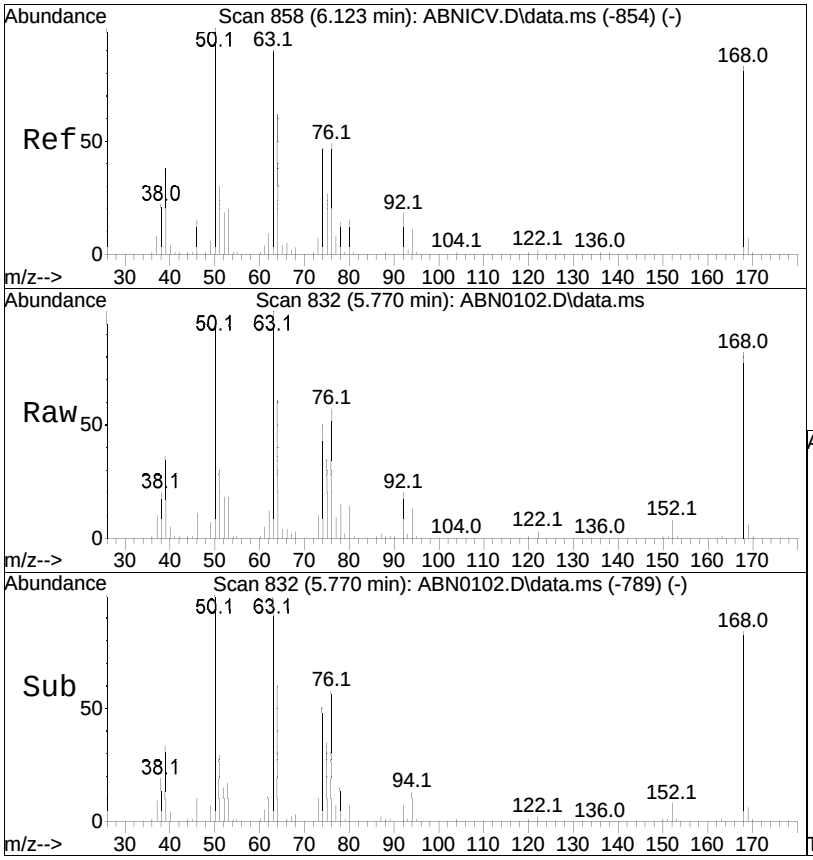


#53
2,6-Dinitrotoluene
Concen: 46.89 ug/ml
RT: 5.729 min Scan# 825
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:165 Resp: 78904

Ion	Ratio	Lower	Upper
165	100		
89	61.8	43.1	64.7
63	119.1	42.7	64.1#

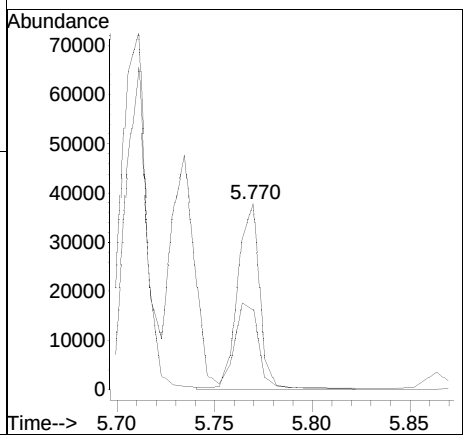


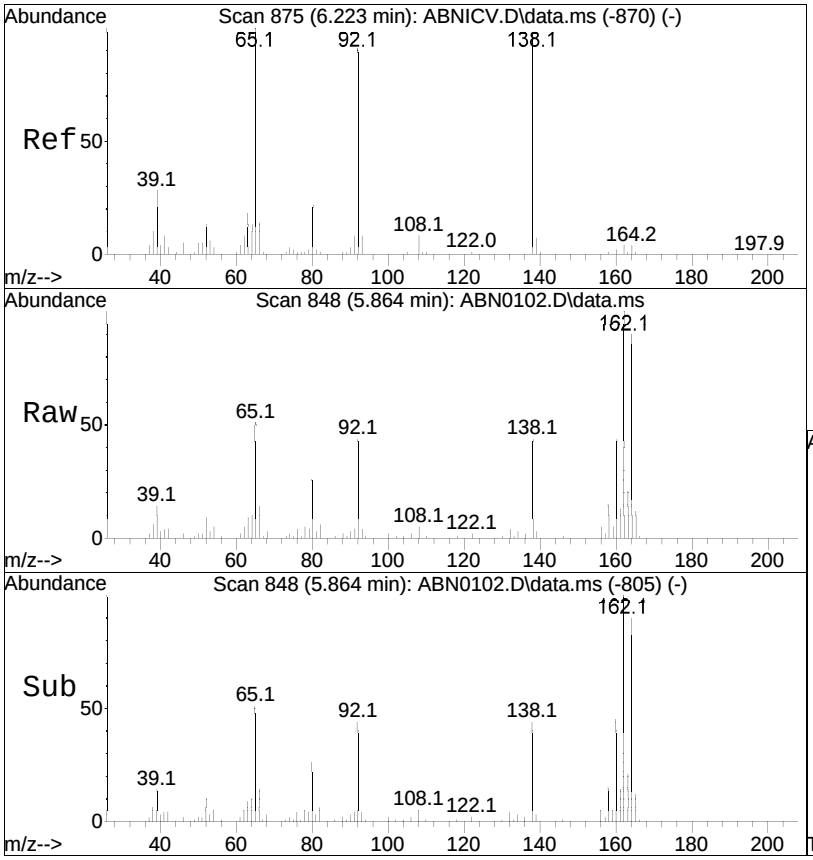


#54
1,2-Dinitrobenzene
Concen: 48.04 ug/ml
RT: 5.770 min Scan# 832
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:168 Resp: 29972

Ion	Ratio	Lower	Upper
168	100		
75	52.1	92.2	138.2#

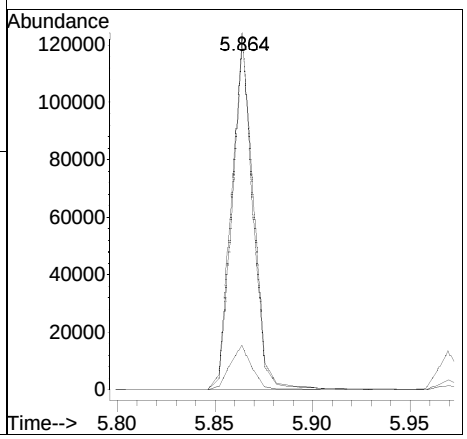


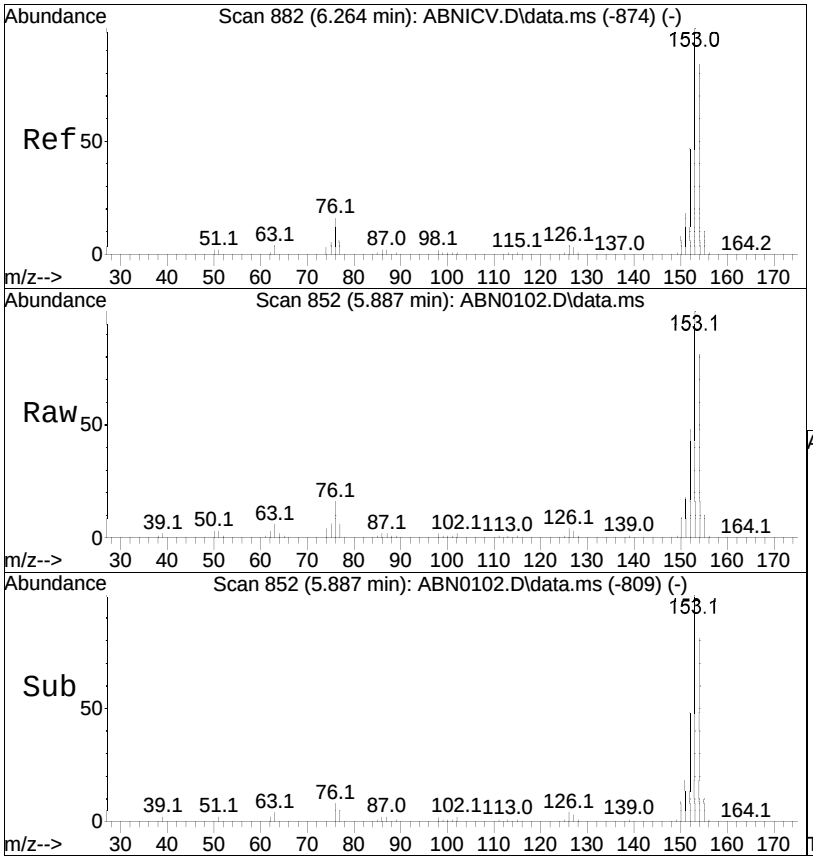


#64
3-Nitroaniline
Concen: 58.73 ug/ml
RT: 5.864 min Scan# 848
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:138 Resp: 92204

Ion	Ratio	Lower	Upper
138	100		
92	99.8	77.5	116.3
108	13.1	7.0	10.4#

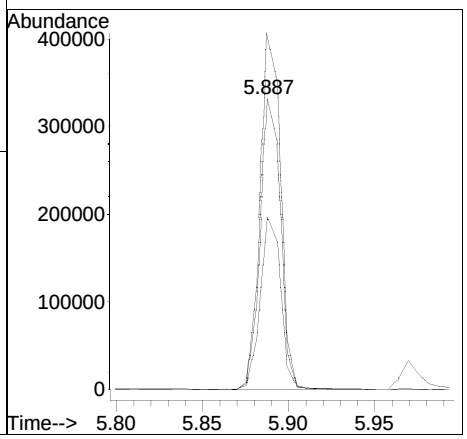


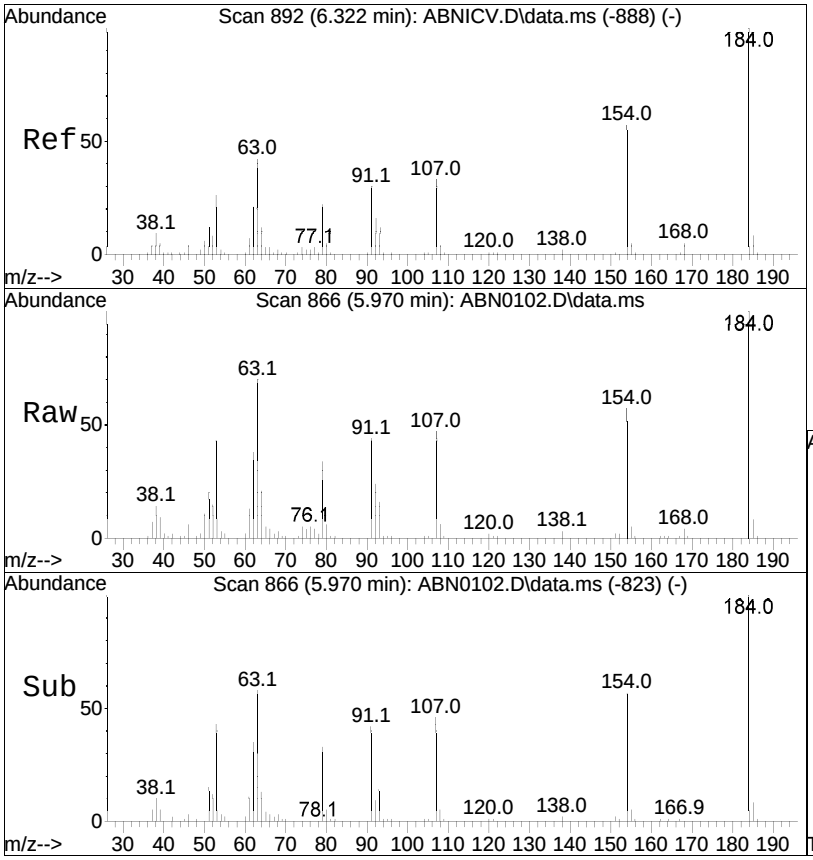


#65
Acenaphthene
Concen: 48.45 ug/ml
RT: 5.887 min Scan# 852
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:154 Resp: 273579

Ion	Ratio	Lower	Upper
154	100		
153	123.9	89.4	134.0
152	60.3	42.2	63.2

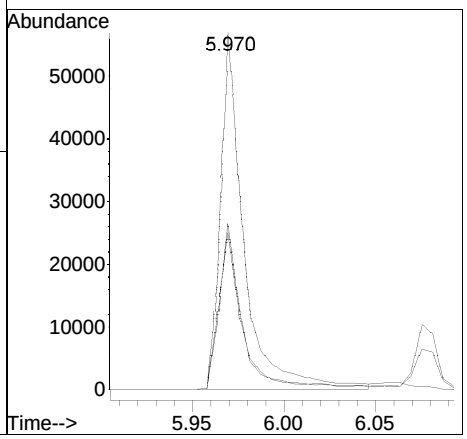


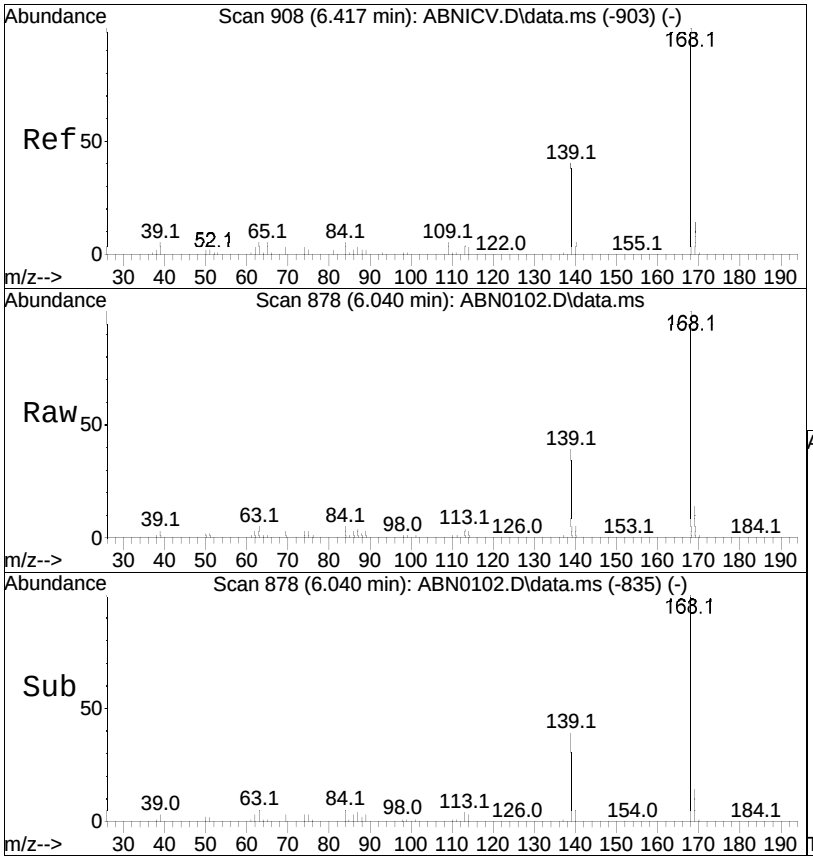


#66
2,4-Dinitrophenol
Concen: 50.02 ug/ml
RT: 5.970 min Scan# 866
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:184 Resp: 50502

Ion	Ratio	Lower	Upper
184	100		
107	45.2	31.4	47.2
91	46.5	37.2	55.8

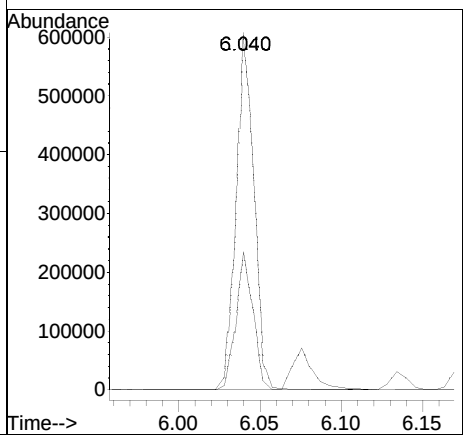


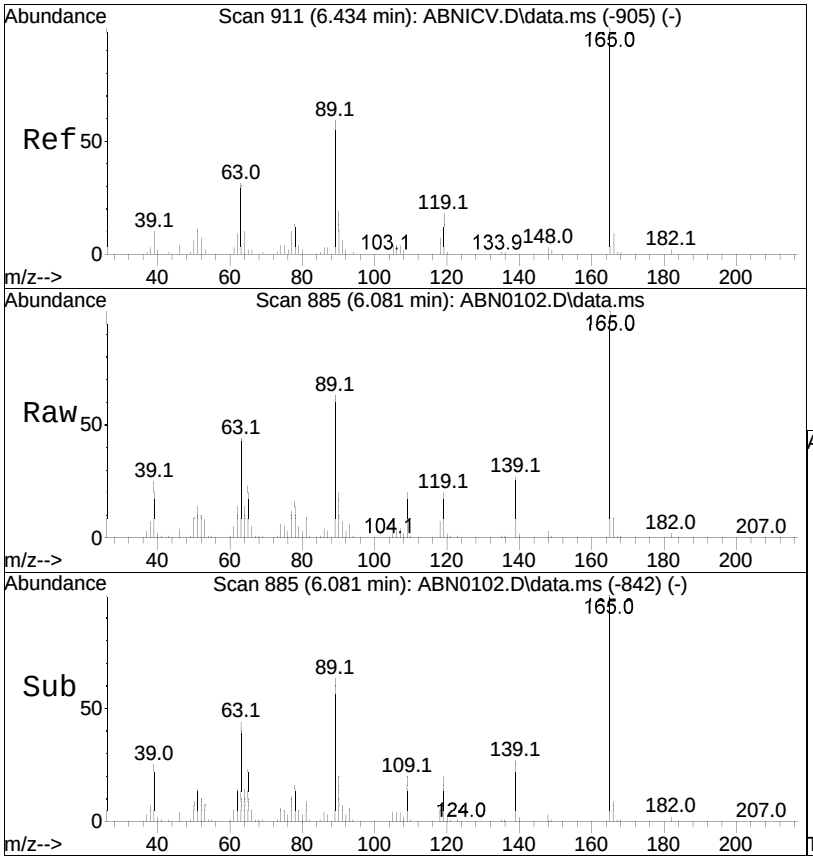


#67
Dibenzofuran
Concen: 48.26 ug/ml
RT: 6.040 min Scan# 878
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:168 Resp: 458856

Ion	Ratio	Lower	Upper
168	100		
139	37.0	28.0	42.0

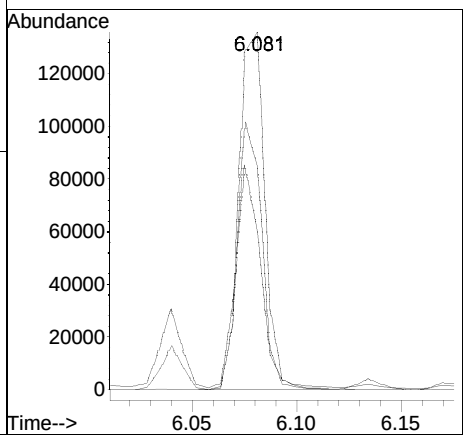


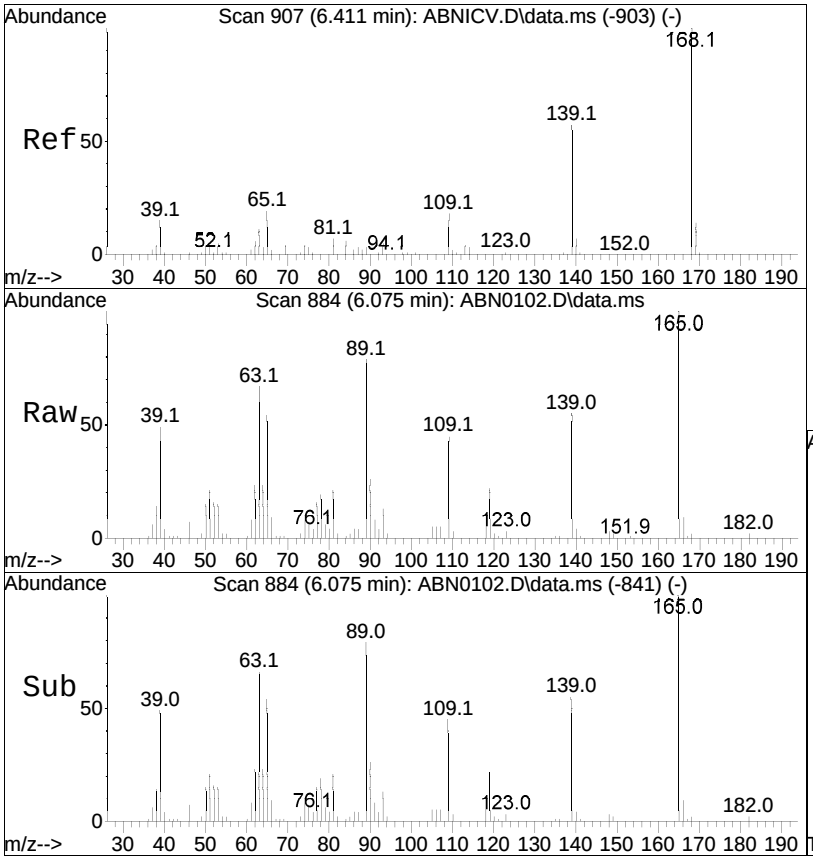


#68
2,4-Dinitrotoluene
Concen: 53.32 ug/ml
RT: 6.081 min Scan# 885
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:165 Resp: 116119

Ion	Ratio	Lower	Upper
165	100		
89	70.8	63.0	94.6
63	61.0	50.3	75.5

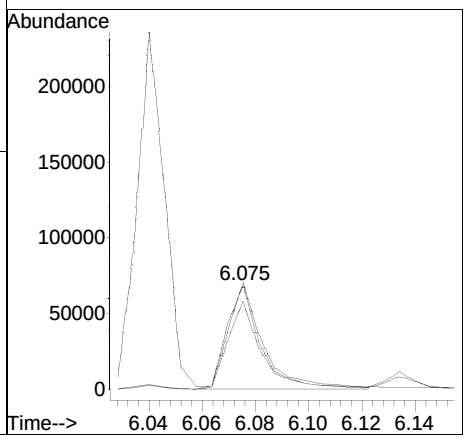


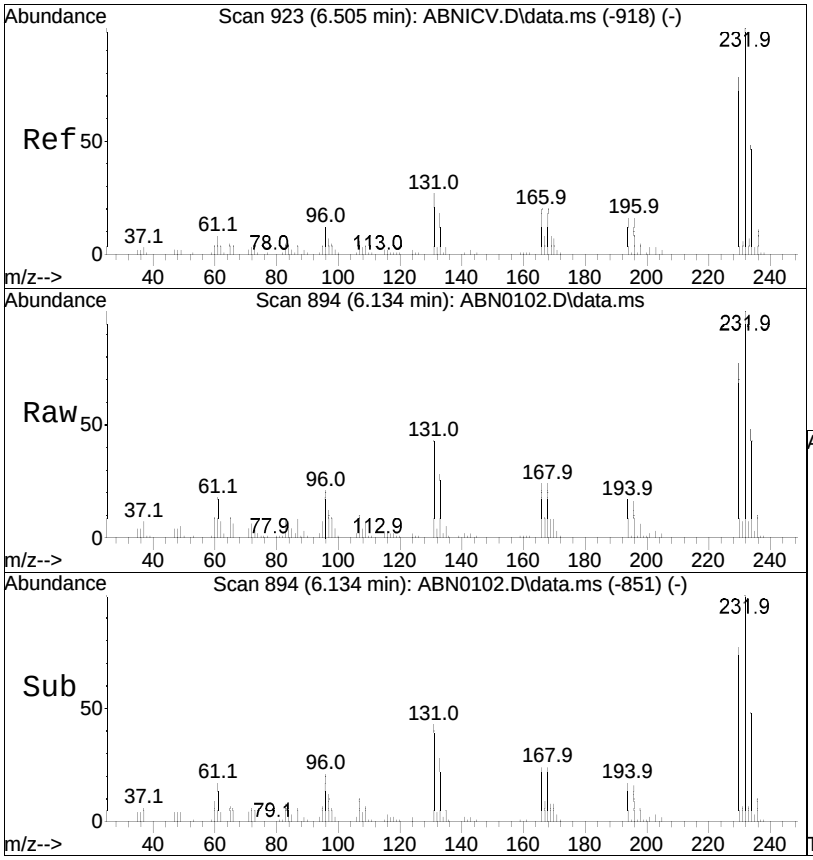


#69
4-Nitrophenol
Concen: 57.37 ug/ml
RT: 6.075 min Scan# 884
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion: 65 Resp: 60901

Ion	Ratio	Lower	Upper
65	100		
109	84.6	55.3	82.9#
139	107.0	95.1	142.7

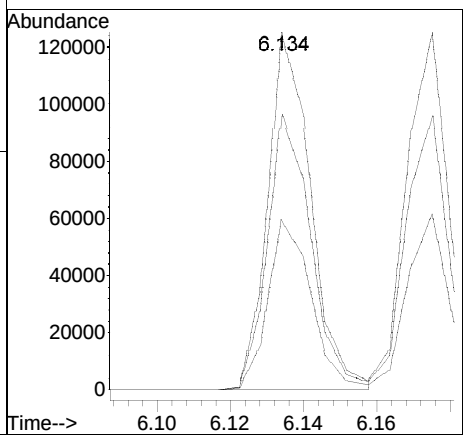


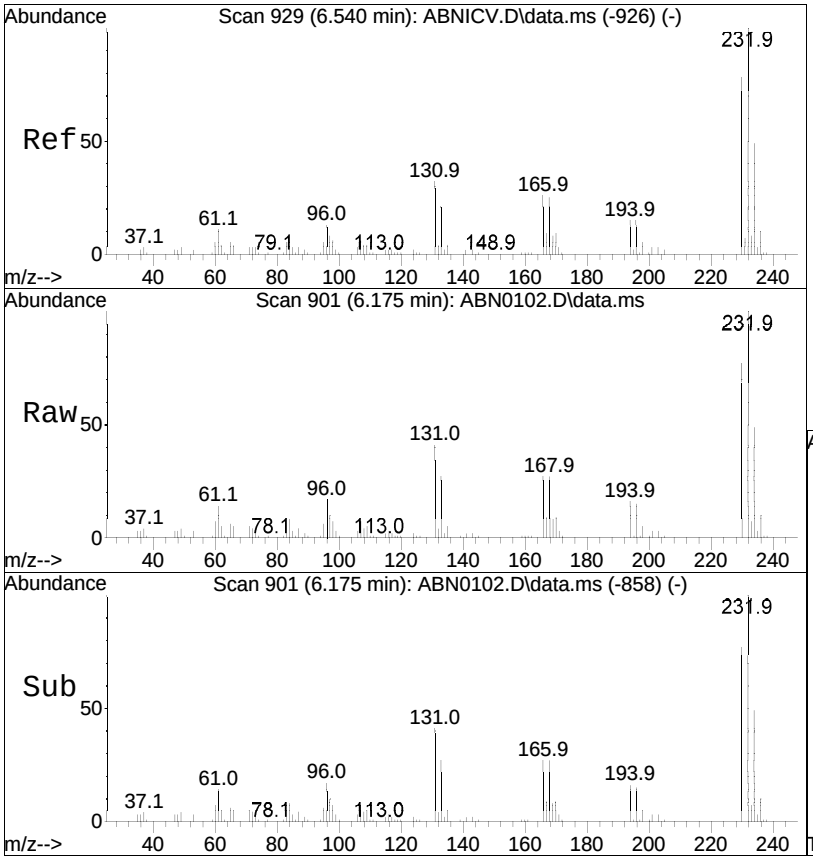


#70
2,3,5,6-Tetrachlorophenol
Concen: 43.99 ug/ml
RT: 6.134 min Scan# 894
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:232 Resp: 102119

Ion	Ratio	Lower	Upper
232	100		
230	78.3	64.4	96.6
234	48.3	38.9	58.3

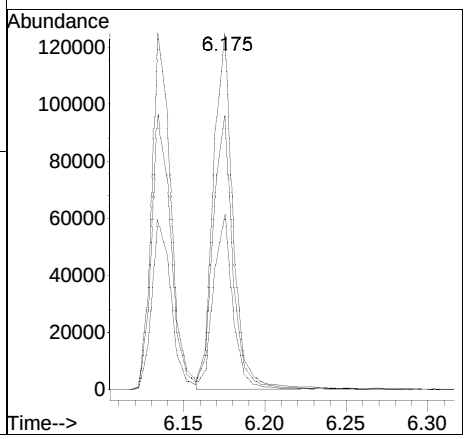


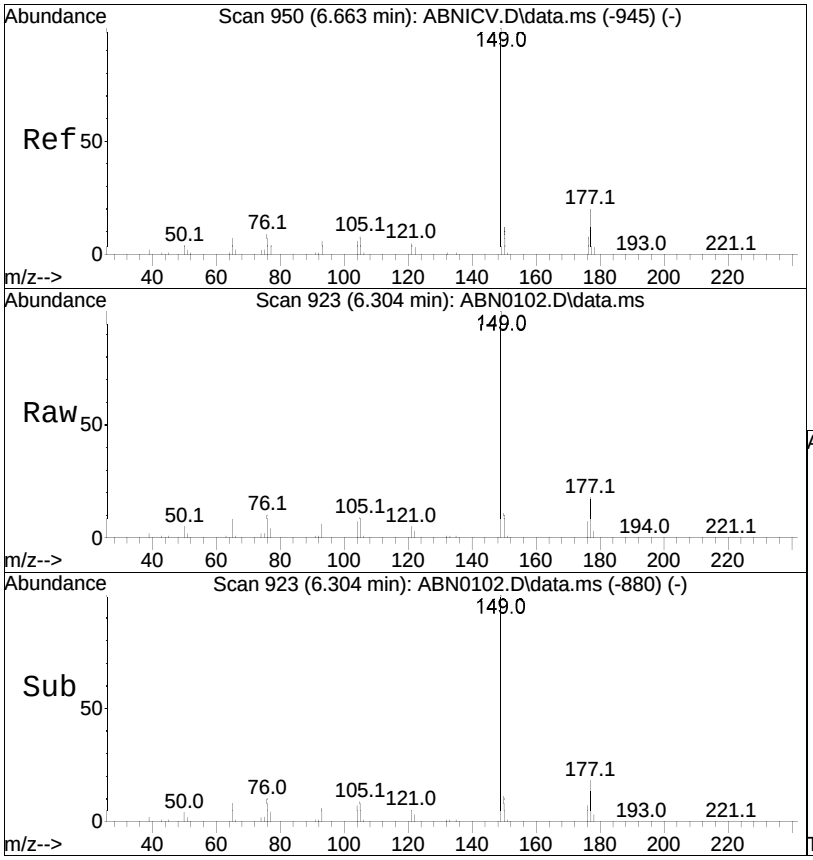


#71
2,3,4,6-Tetrachlorophenol
Concen: 45.65 ug/ml
RT: 6.175 min Scan# 901
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:232 Resp: 104965

Ion	Ratio	Lower	Upper
232	100		
230	75.9	64.2	96.4
234	48.8	38.4	57.6

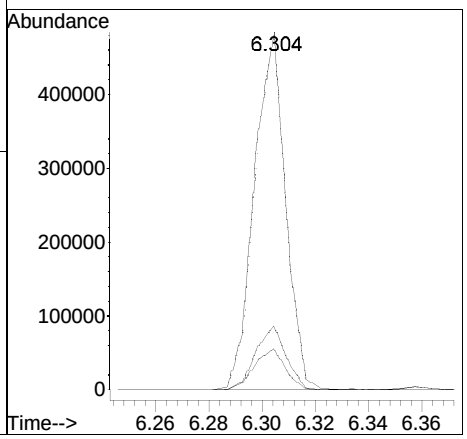


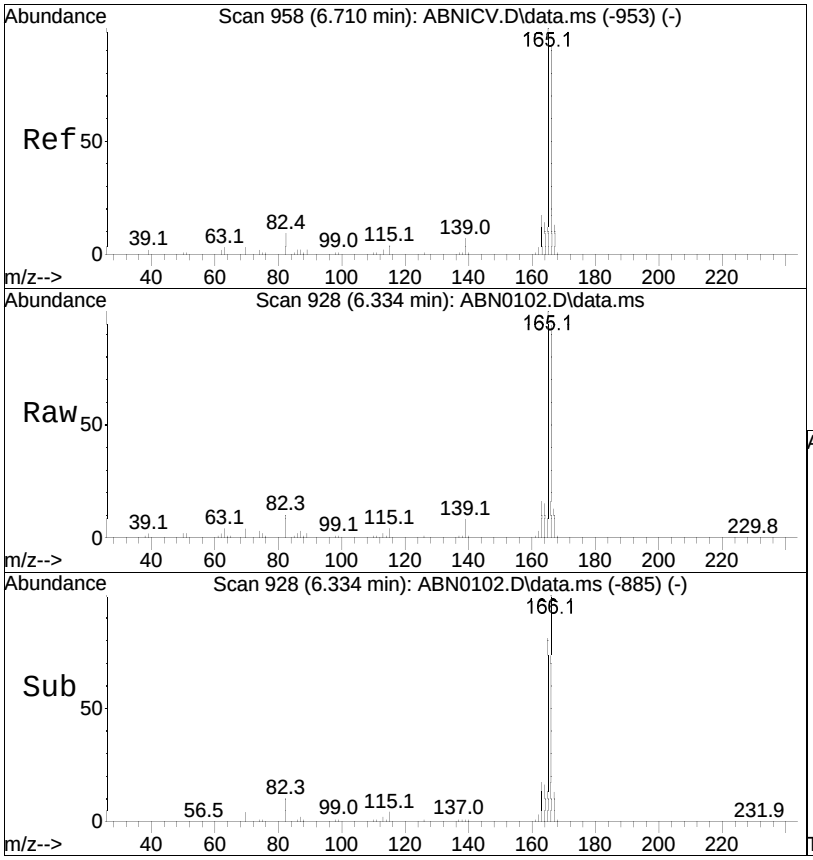


#72
Diethyl phthalate
Concen: 51.40 ug/ml
RT: 6.304 min Scan# 923
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:149 Resp: 387953

Ion	Ratio	Lower	Upper
149	100		
177	17.6	16.2	24.2
150	11.6	9.4	14.0

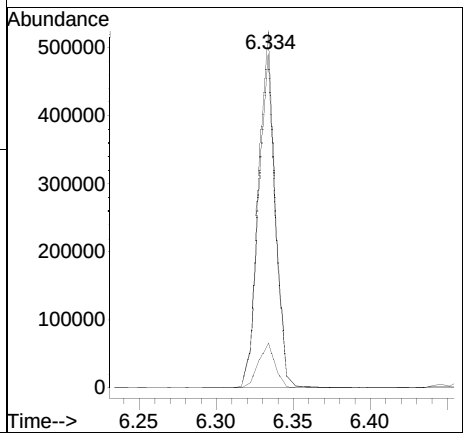


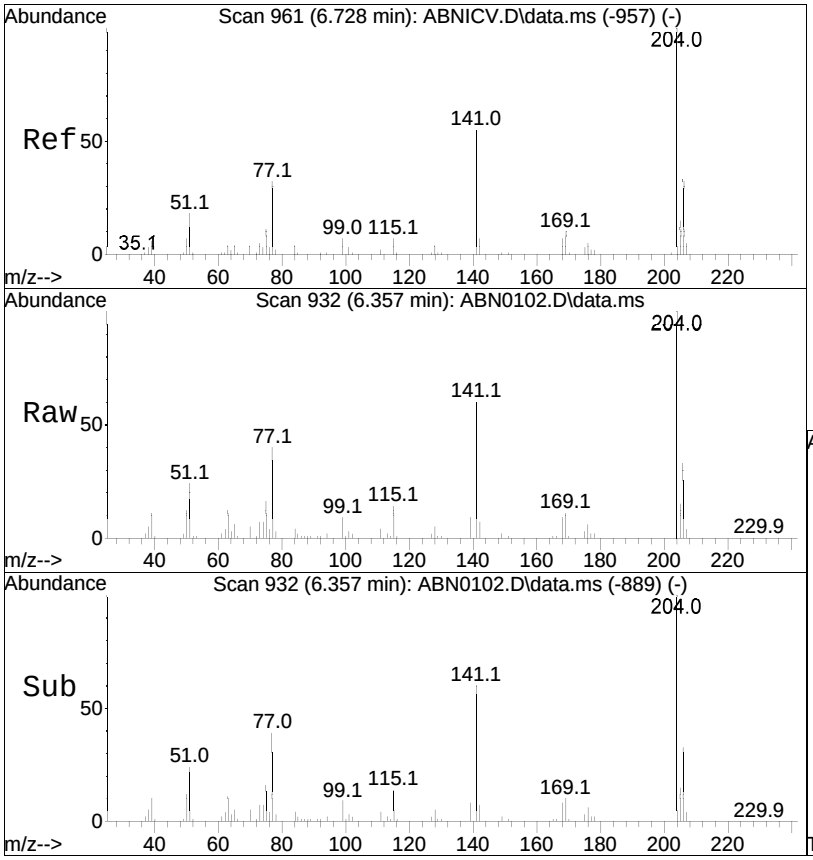


#73
Fluorene
Concen: 49.62 ug/ml
RT: 6.334 min Scan# 928
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:166 Resp: 370971

Ion	Ratio	Lower	Upper
166	100		
165	107.3	77.2	115.8
167	13.3	10.9	16.3

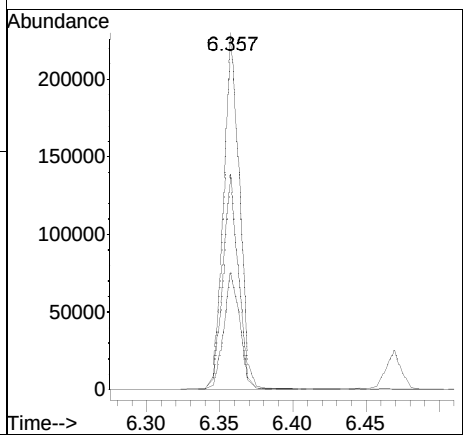


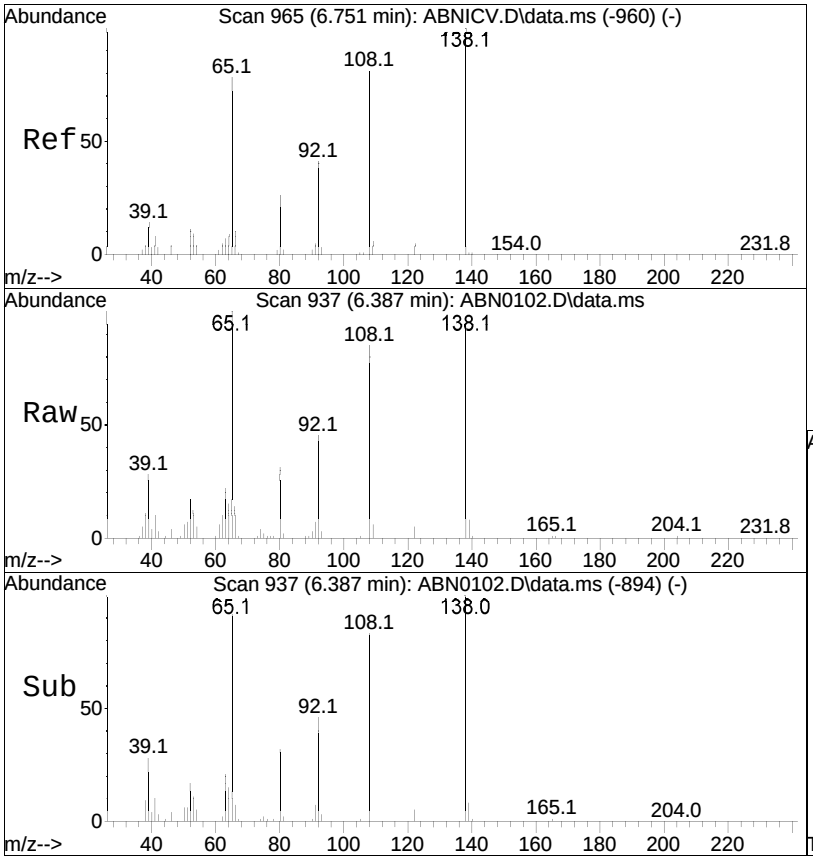


#74
4-Chlorophenyl phenyl ether
Concen: 43.73 ug/ml
RT: 6.357 min Scan# 932
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:204 Resp: 171737

Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.0	40.6
141	58.4	42.2	63.2

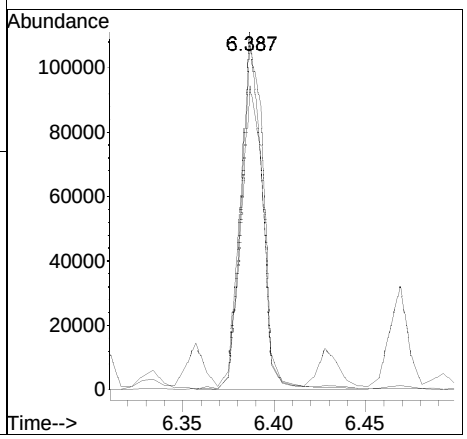


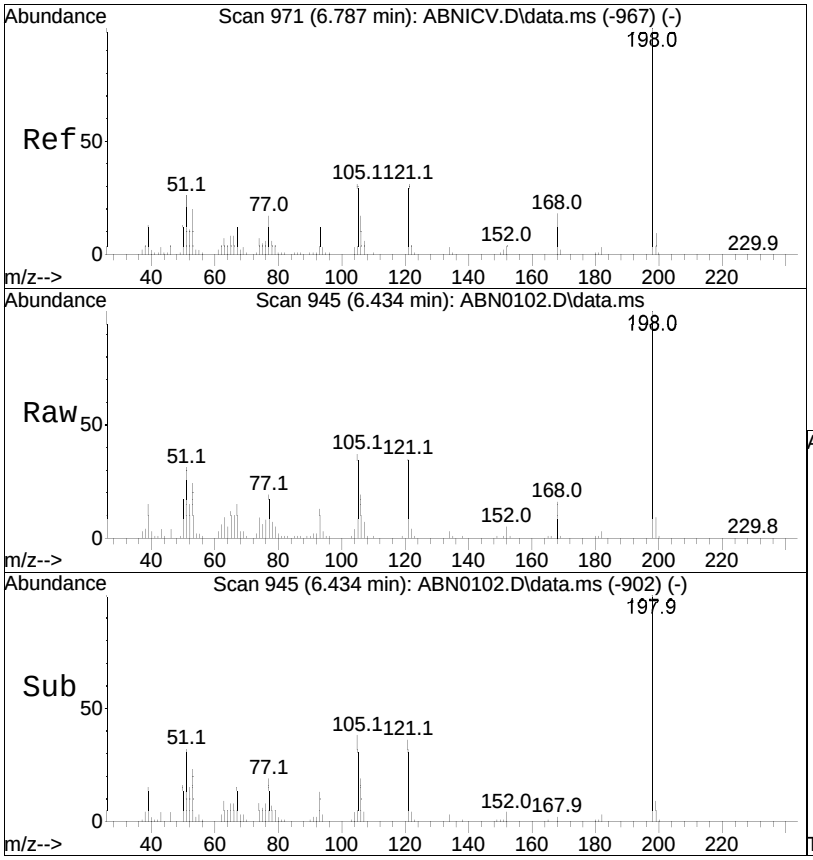


#75
4-Nitroaniline
Concen: 60.20 ug/ml
RT: 6.387 min Scan# 937
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:138 Resp: 91234

Ion	Ratio	Lower	Upper
138	100		
108	85.9	46.7	70.1#
65	95.6	81.2	121.8

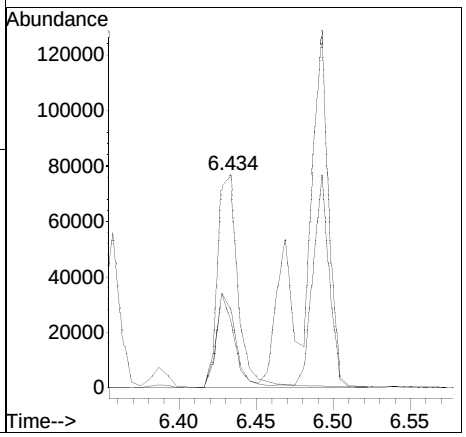


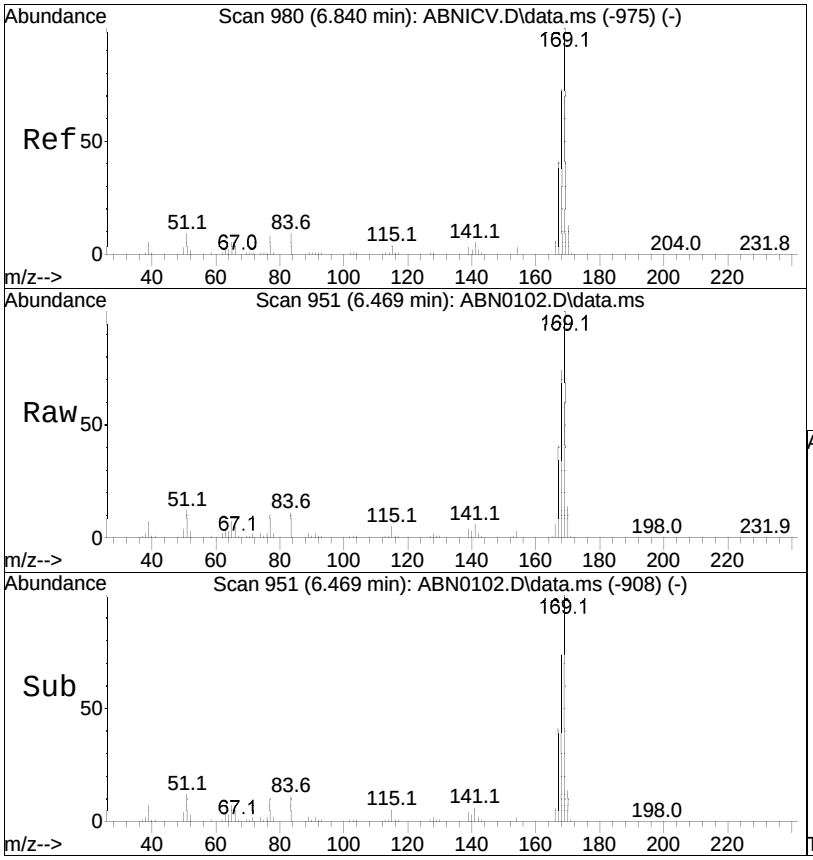


#76
4,6-Dinitro-o-cresol
Concen: 55.19 ug/ml
RT: 6.434 min Scan# 945
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:198 Resp: 72563

Ion	Ratio	Lower	Upper
198	100		
51	38.1	35.0	52.6
105	41.7	32.3	48.5

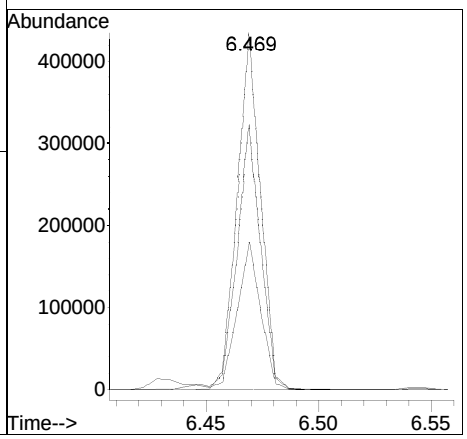


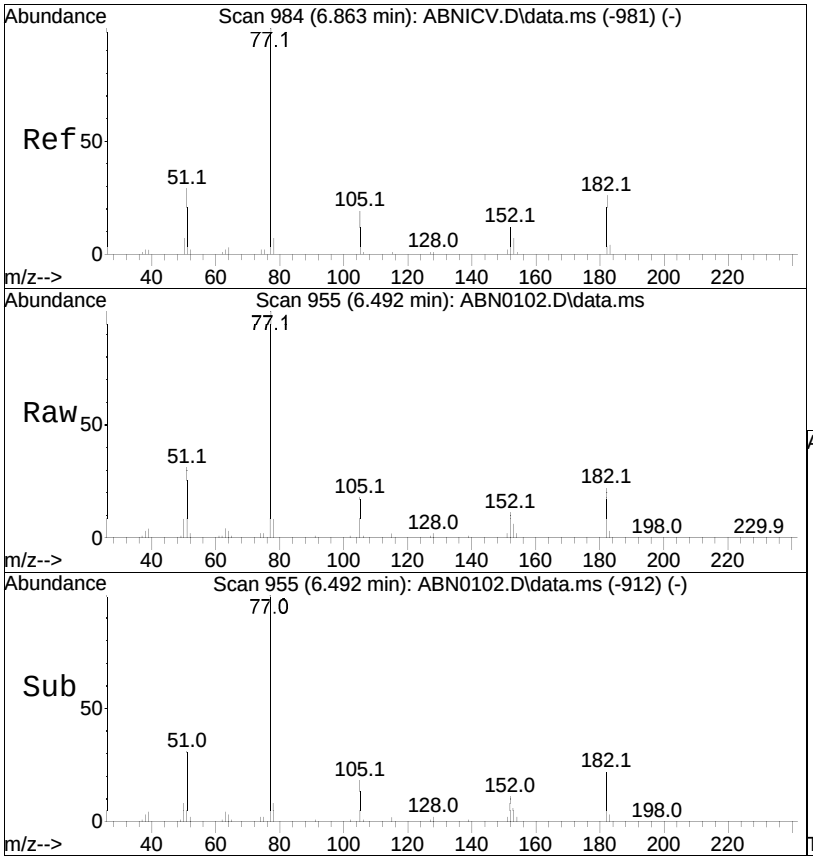


#77
NDPA/DPA
Concen: 48.46 ug/ml
RT: 6.469 min Scan# 951
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:169 Resp: 312538

Ion	Ratio	Lower	Upper
169	100		
168	73.9	54.6	82.0
167	43.2	30.7	46.1

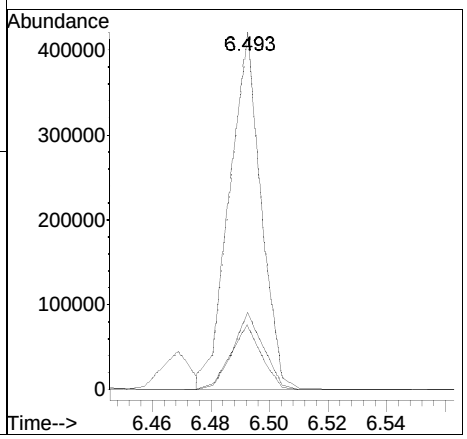


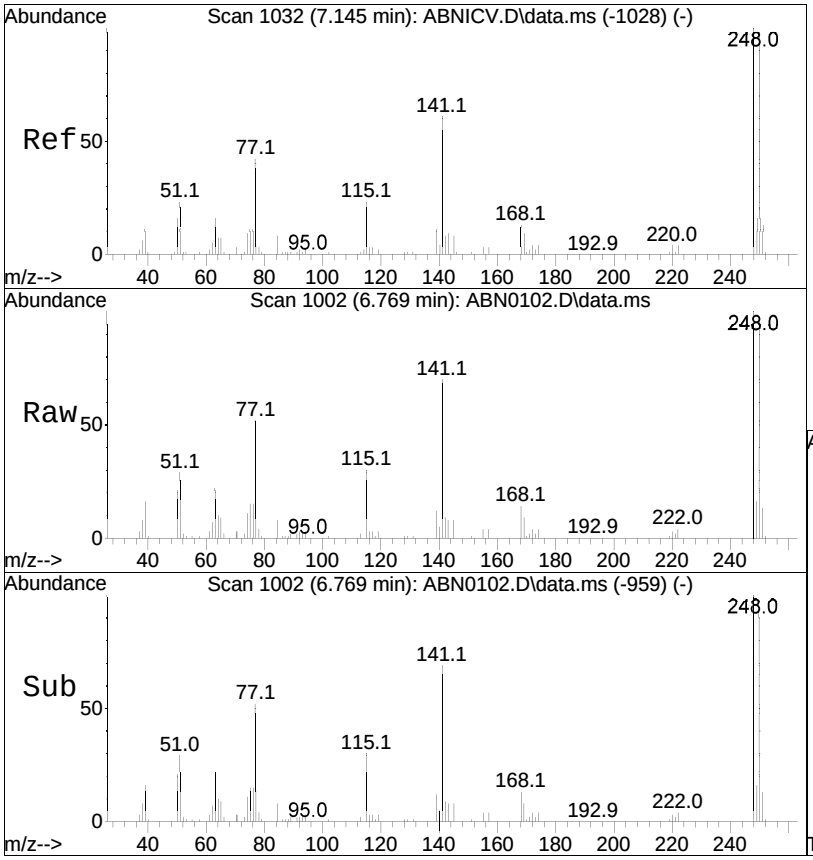


#78
Azobenzene
Concen: 55.95 ug/ml M6
RT: 6.492 min Scan# 955
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion: 77 Resp: 313201

Ion	Ratio	Lower	Upper
77	100		
182	21.3	19.8	29.8
105	18.3	12.1	18.1#

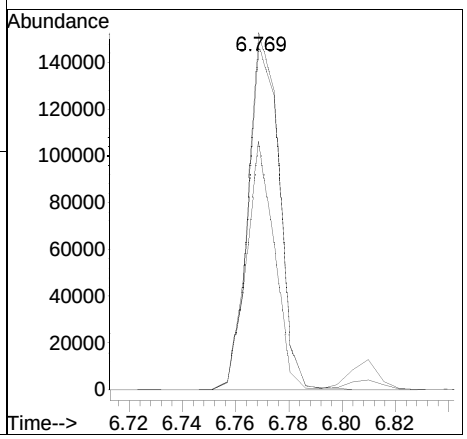


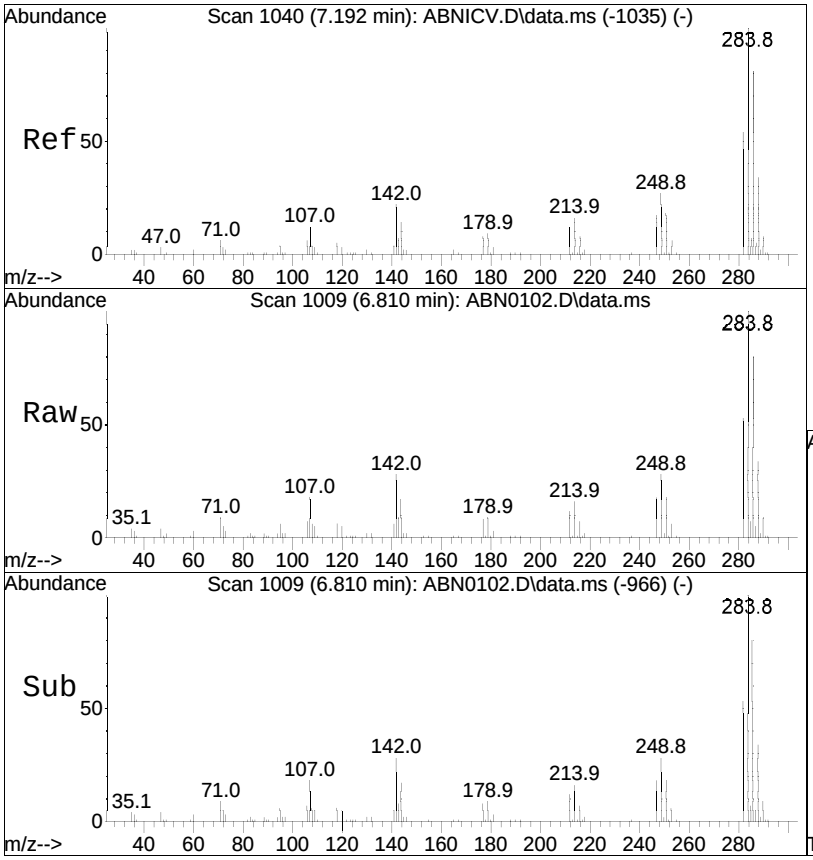


#80
4-Bromophenyl phenyl ether
Concen: 45.29 ug/ml
RT: 6.769 min Scan# 1002
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:248 Resp: 124391

Ion	Ratio	Lower	Upper
248	100		
141	62.9	46.6	70.0
250	96.5	79.4	119.2

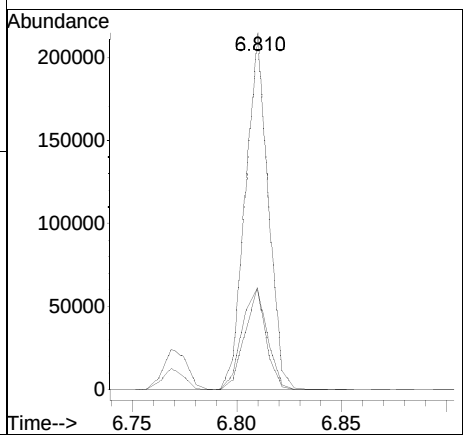


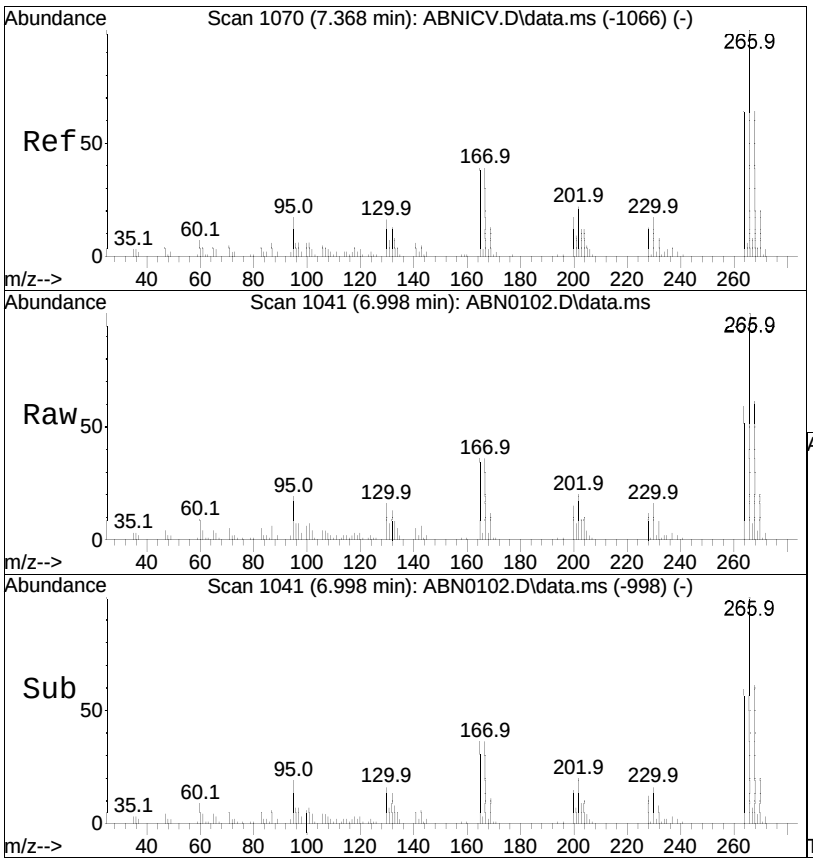


#81
Hexachlorobenzene
Concen: 48.10 ug/ml
RT: 6.810 min Scan# 1009
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:284 Resp: 162559

Ion	Ratio	Lower	Upper
284	100		
142	30.1	26.0	39.0
249	28.7	20.6	30.8

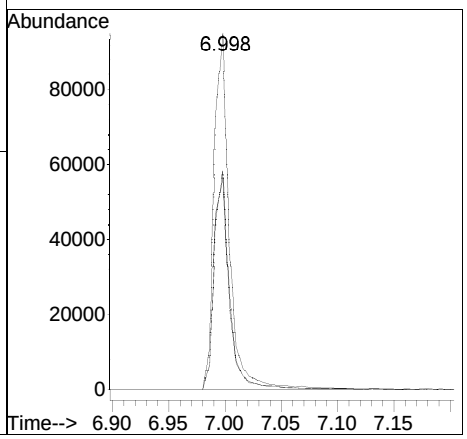


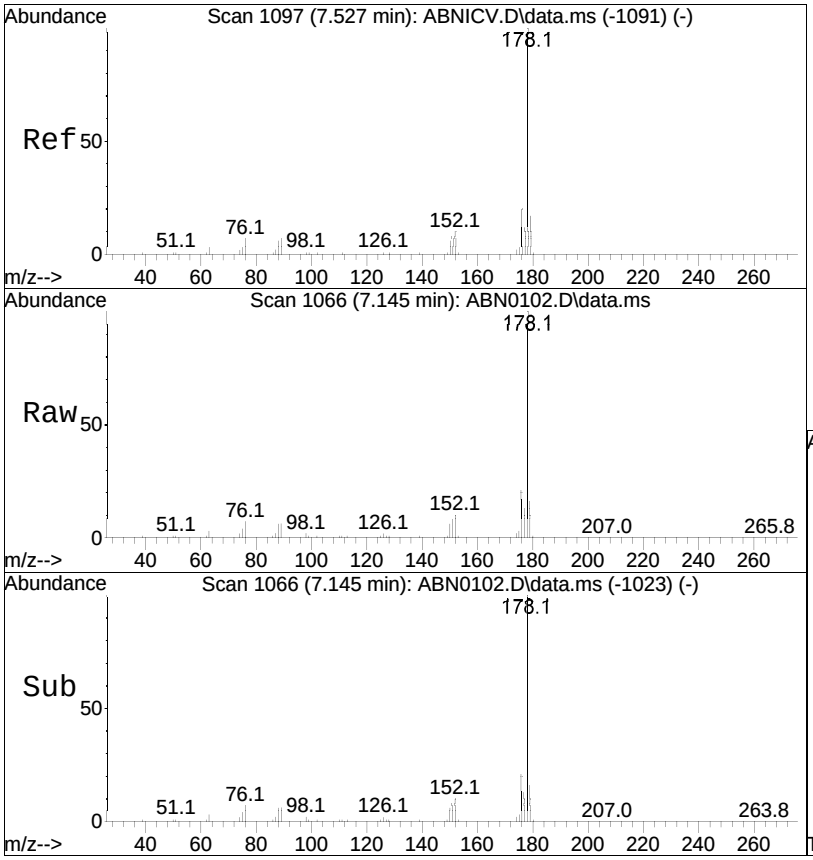


#82
Pentachlorophenol
Concen: 48.79 ug/ml
RT: 6.998 min Scan# 1041
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:266 Resp: 90493

Ion	Ratio	Lower	Upper
266	100		
264	60.4	51.2	76.8
268	61.3	51.5	77.3

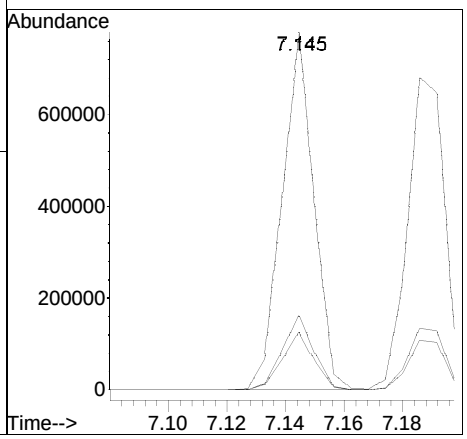


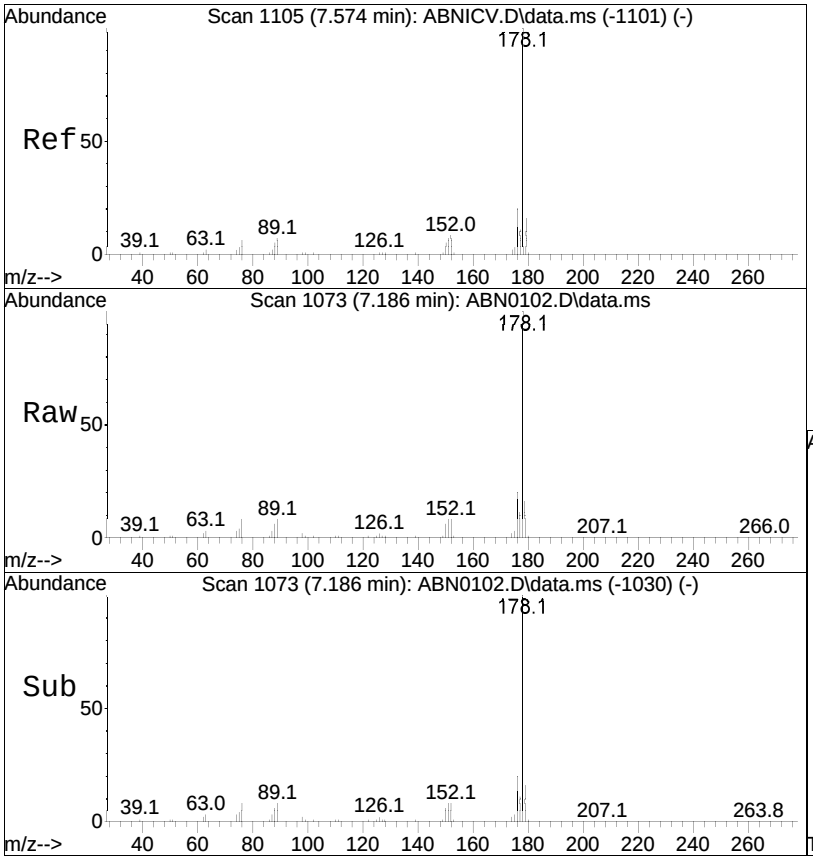


#89
Phenanthrene
Concen: 49.38 ug/ml
RT: 7.145 min Scan# 1066
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:178 Resp: 587126

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.7	19.1
176	20.6	15.8	23.6

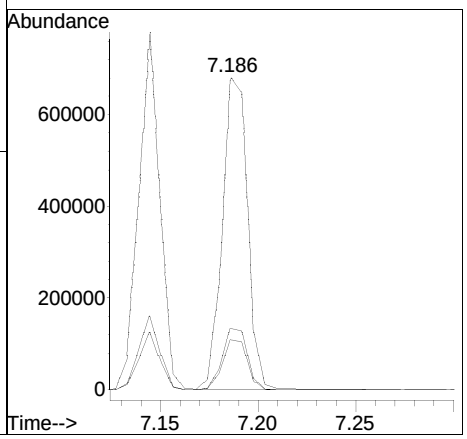


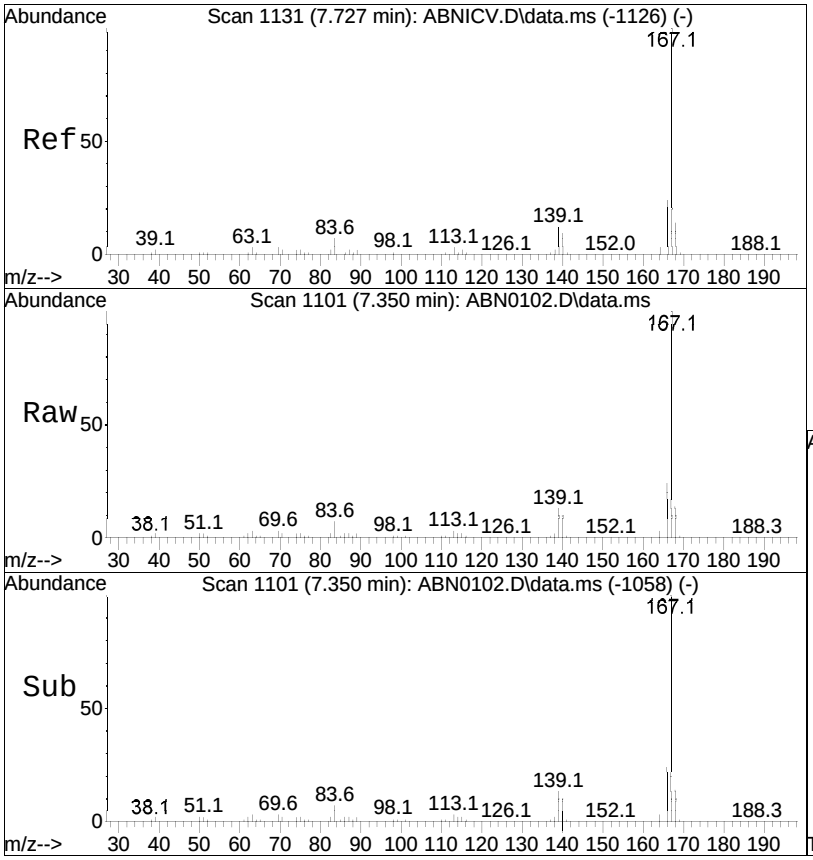


#90
Anthracene
Concen: 51.03 ug/ml
RT: 7.186 min Scan# 1073
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:178 Resp: 610275

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.5	18.7
176	19.7	15.4	23.0

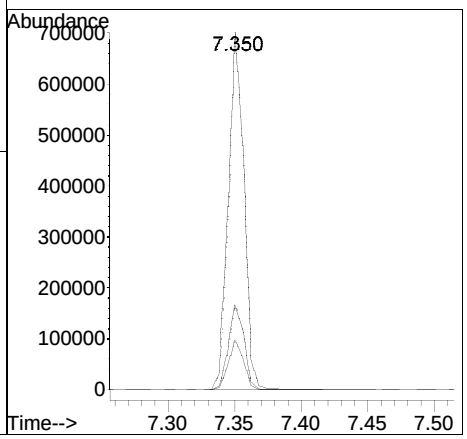


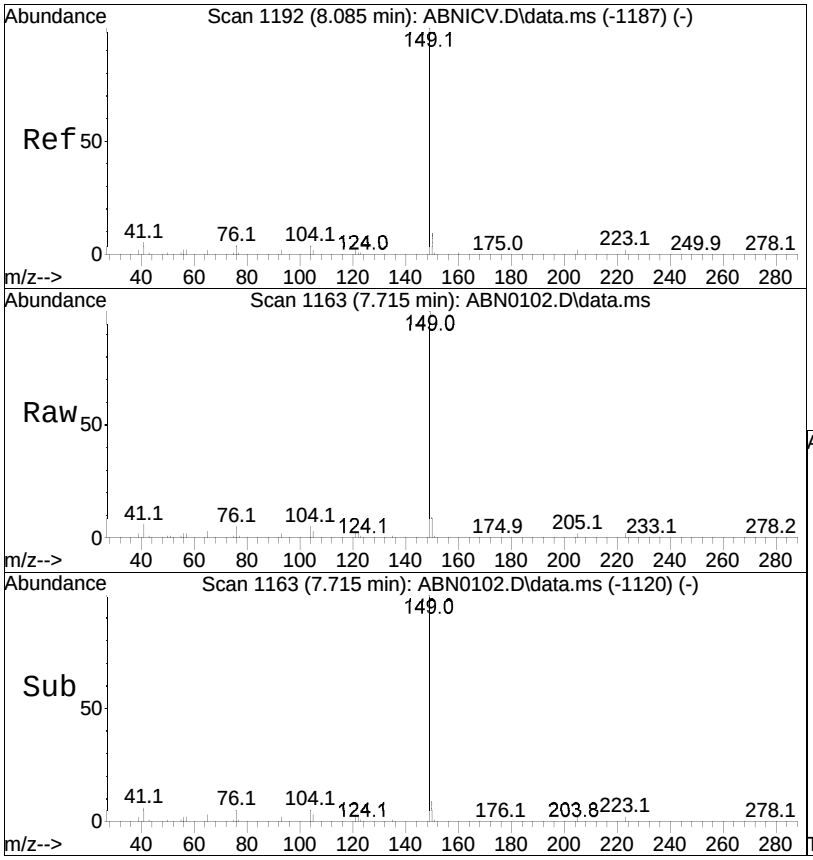


#91
Carbazole
Concen: 51.03 ug/ml
RT: 7.350 min Scan# 1101
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:167 Resp: 561692

Ion	Ratio	Lower	Upper
167	100		
168	14.0	11.3	16.9
166	24.1	17.8	26.8

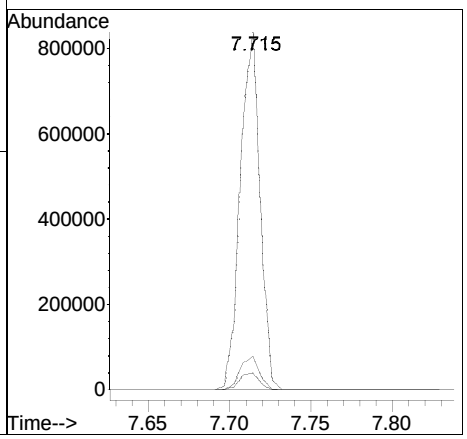


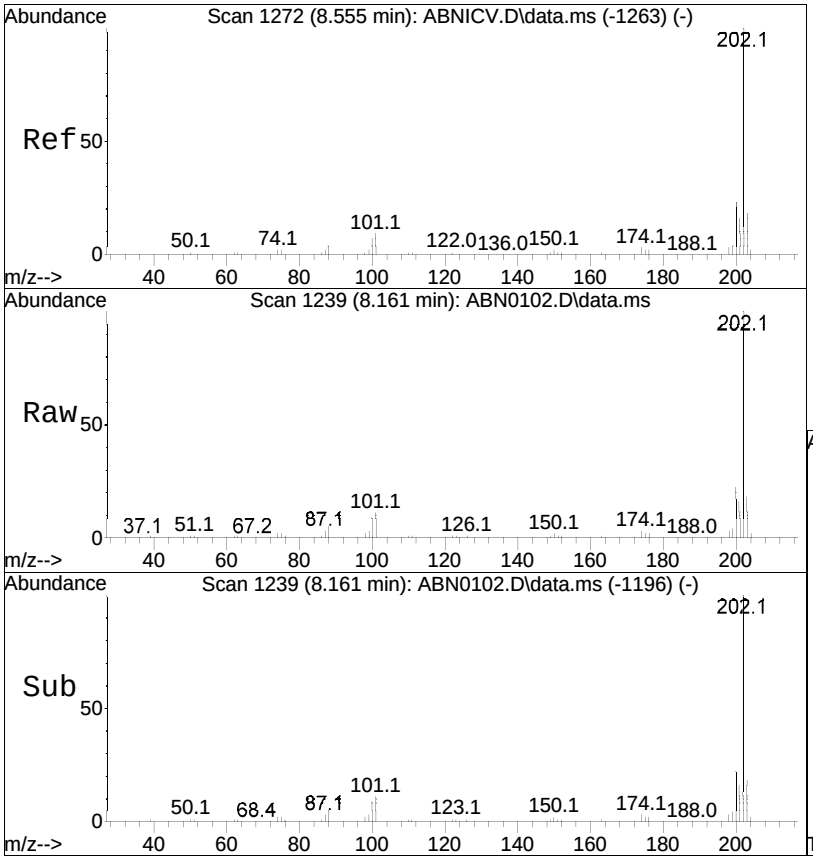


#92
Di-n-butylphthalate
Concen: 55.25 ug/ml
RT: 7.715 min Scan# 1163
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:149 Resp: 696471

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.9	3.8	5.8

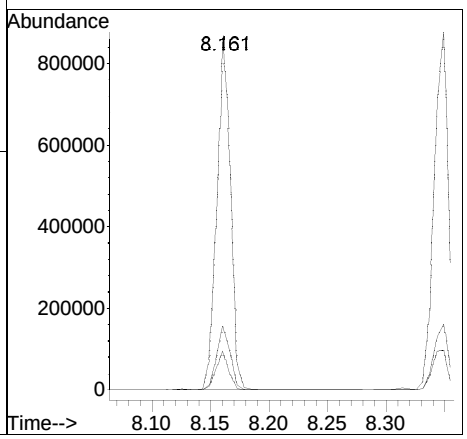


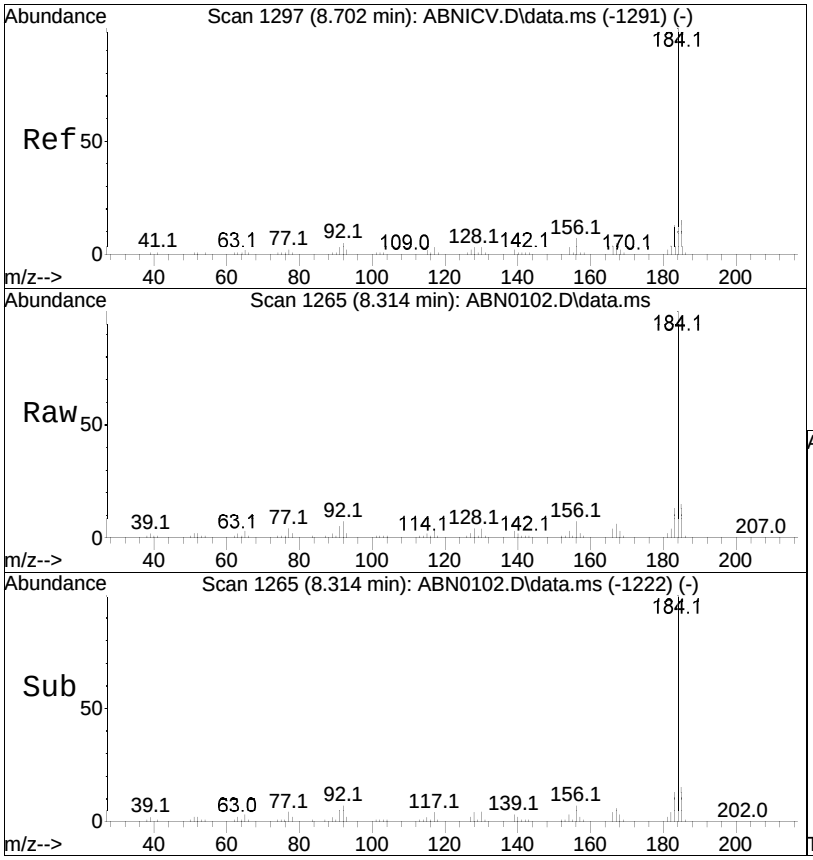


#93
Fluoranthene
Concen: 47.37 ug/ml
RT: 8.161 min Scan# 1239
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:202 Resp: 704849

Ion	Ratio	Lower	Upper
202	100		
101	10.0	12.6	19.0#
203	17.8	14.4	21.6

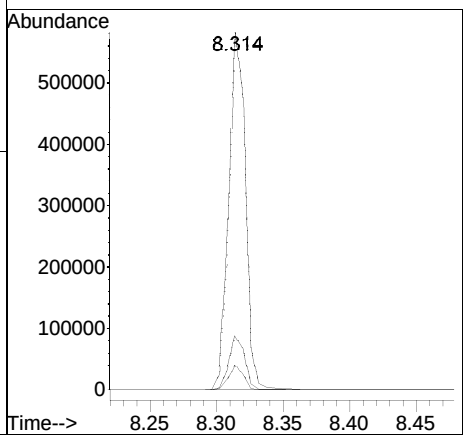


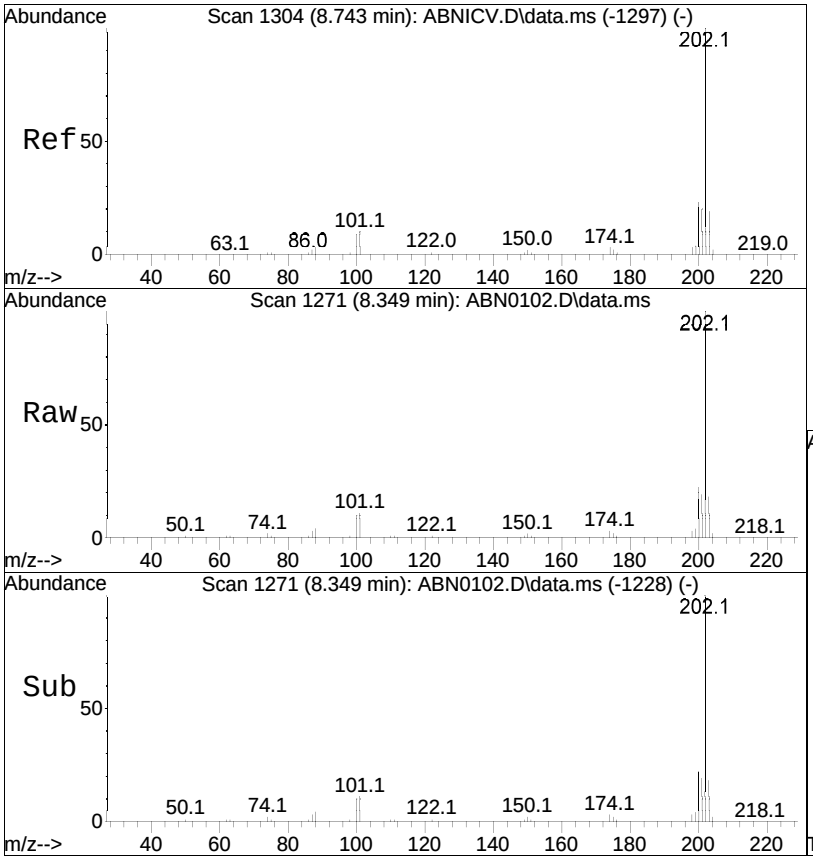


#94
Benzidine
Concen: 49.32 ug/ml
RT: 8.314 min Scan# 1265
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:184 Resp: 498977

Ion	Ratio	Lower	Upper
184	100		
92	6.3	8.4	12.6#
185	14.7	11.5	17.3

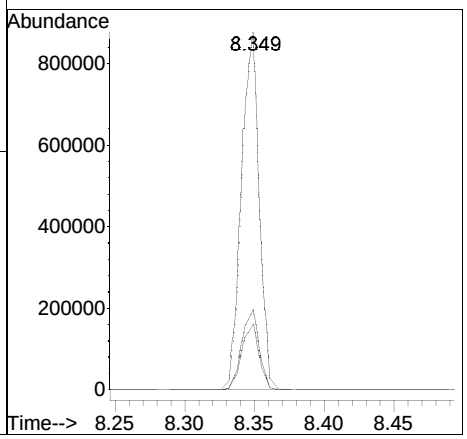


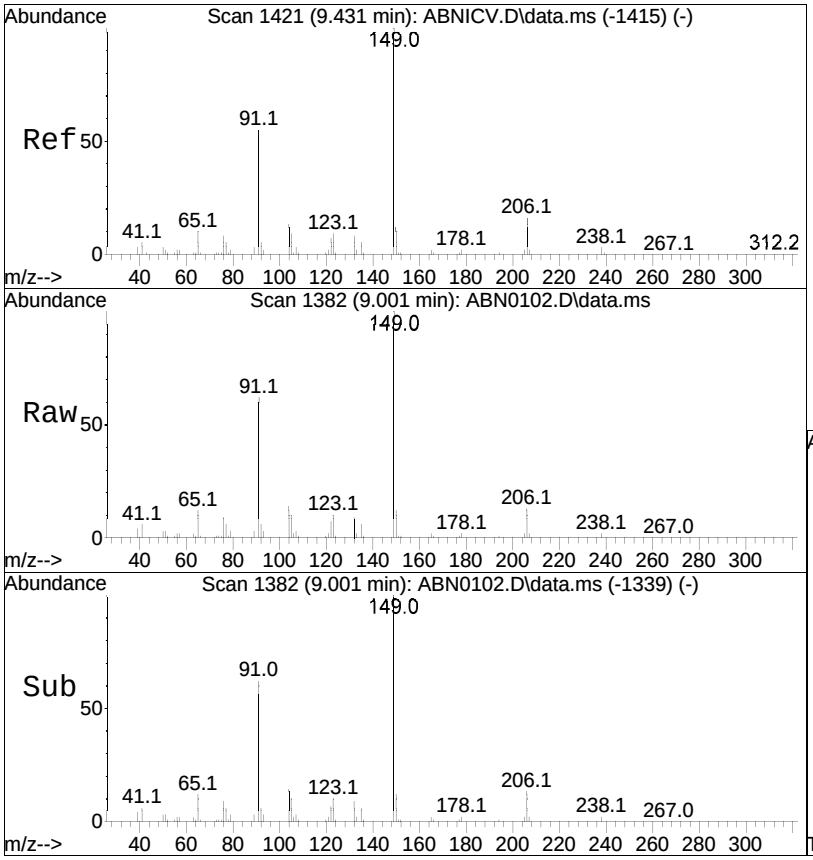


#95
Pyrene
Concen: 49.12 ug/ml
RT: 8.349 min Scan# 1271
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:202 Resp: 763817

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.2	25.8
203	18.2	15.0	22.6

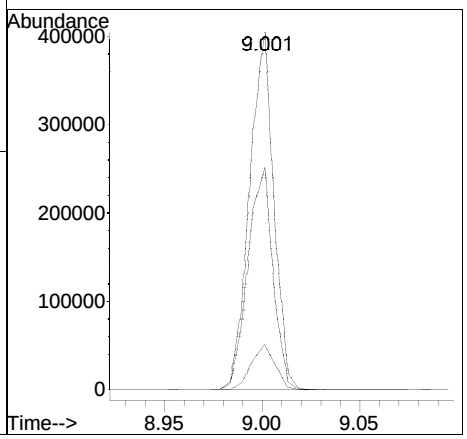


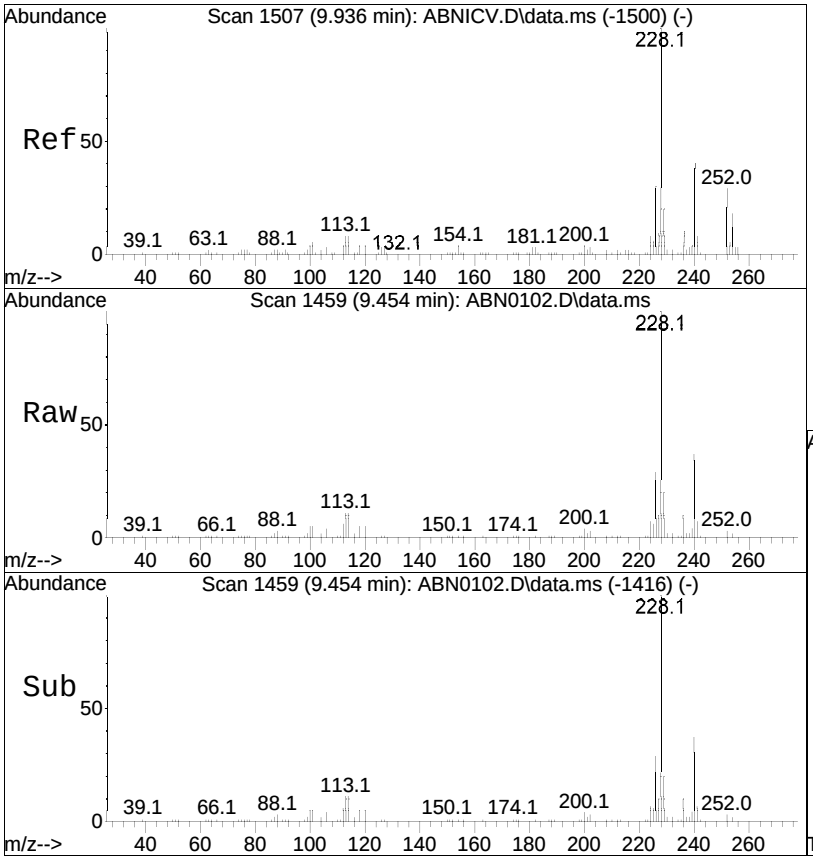


#97
Butyl benzyl phthalate
Concen: 57.41 ug/ml
RT: 9.001 min Scan# 1382
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:149 Resp: 345946

Ion	Ratio	Lower	Upper
149	100		
91	64.3	53.4	80.2
206	12.7	13.3	19.9#

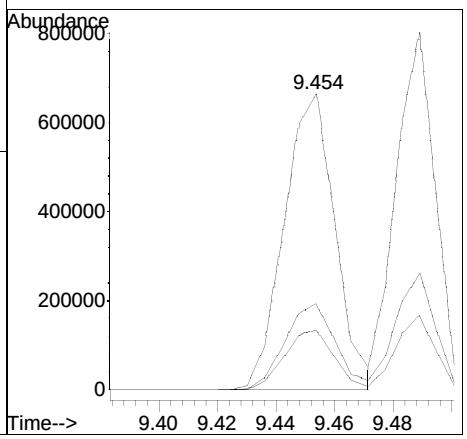


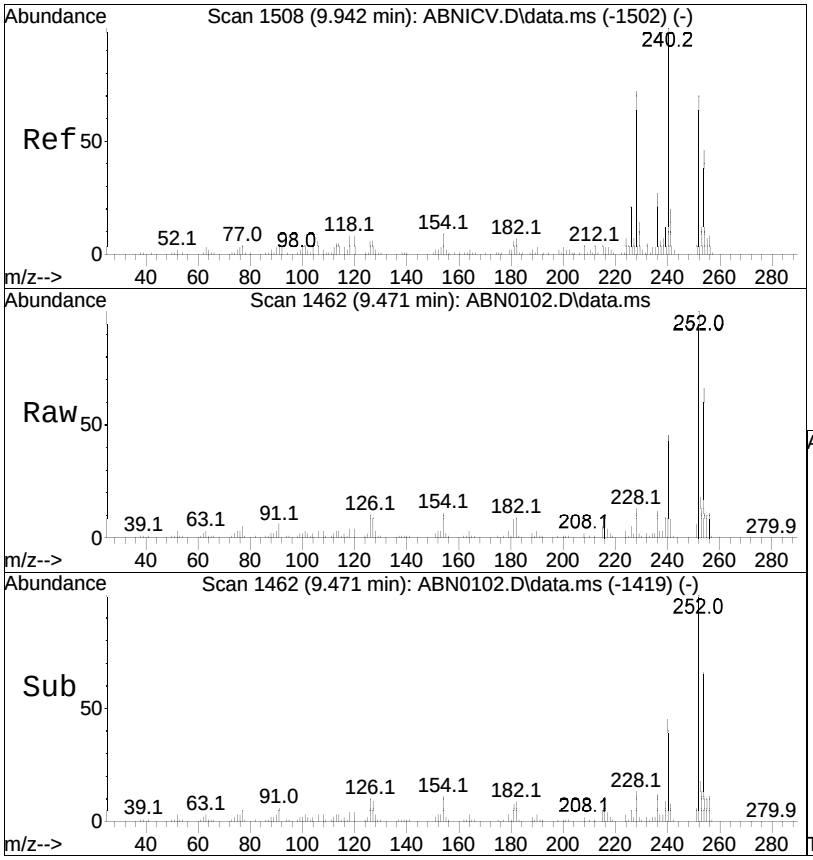


#105
Benzo(a)anthracene
Concen: 47.30 ug/ml
RT: 9.454 min Scan# 1459
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:228 Resp: 801246

Ion	Ratio	Lower	Upper
228	100		
226	29.3	22.9	34.3
229	20.1	16.1	24.1

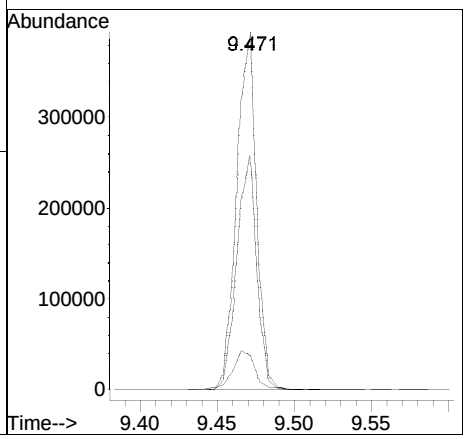


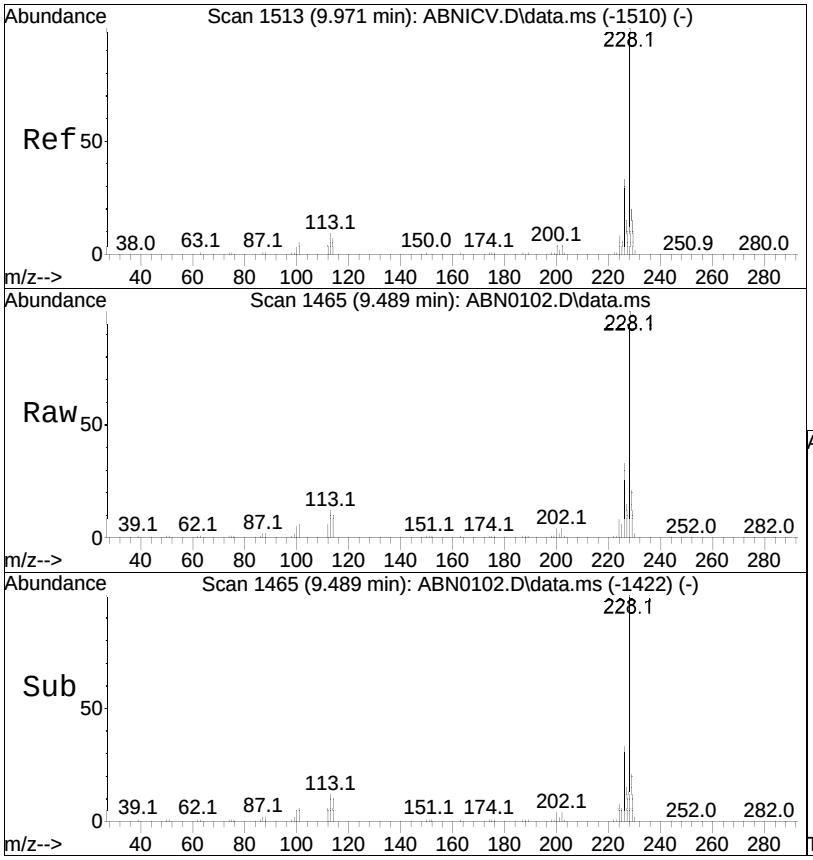


#106
3,3'-Dichlorobenzidine
Concen: 49.50 ug/ml
RT: 9.471 min Scan# 1462
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:252 Resp: 350128

Ion	Ratio	Lower	Upper
252	100		
126	13.1	13.4	20.0#
254	65.7	52.8	79.2

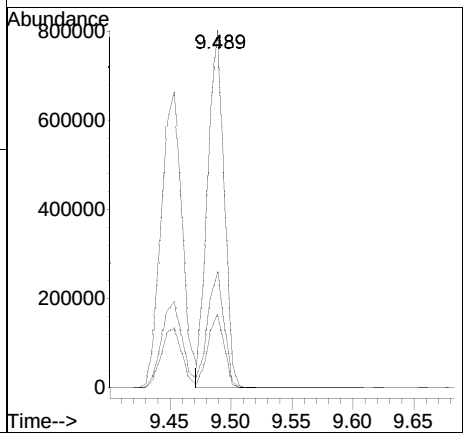


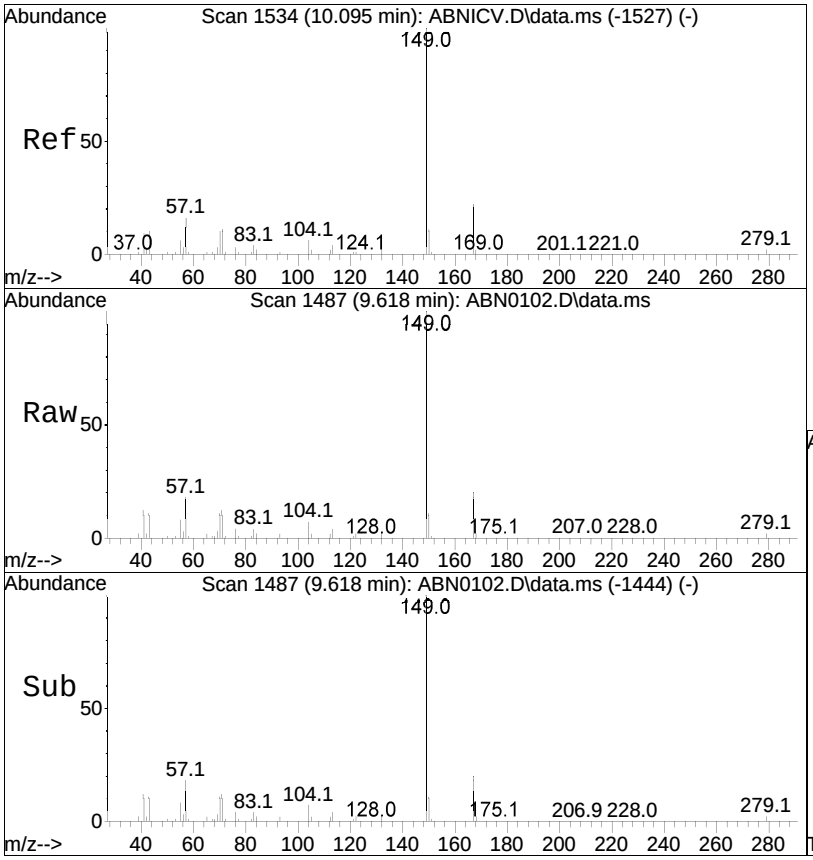


#107
Chrysene
Concen: 48.90 ug/ml
RT: 9.489 min Scan# 1465
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:228 Resp: 750877

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.9	37.3
229	20.4	16.6	24.8

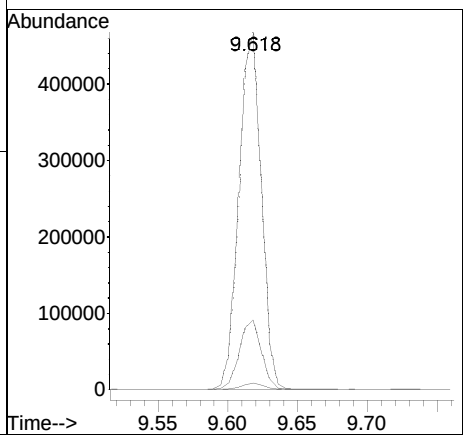


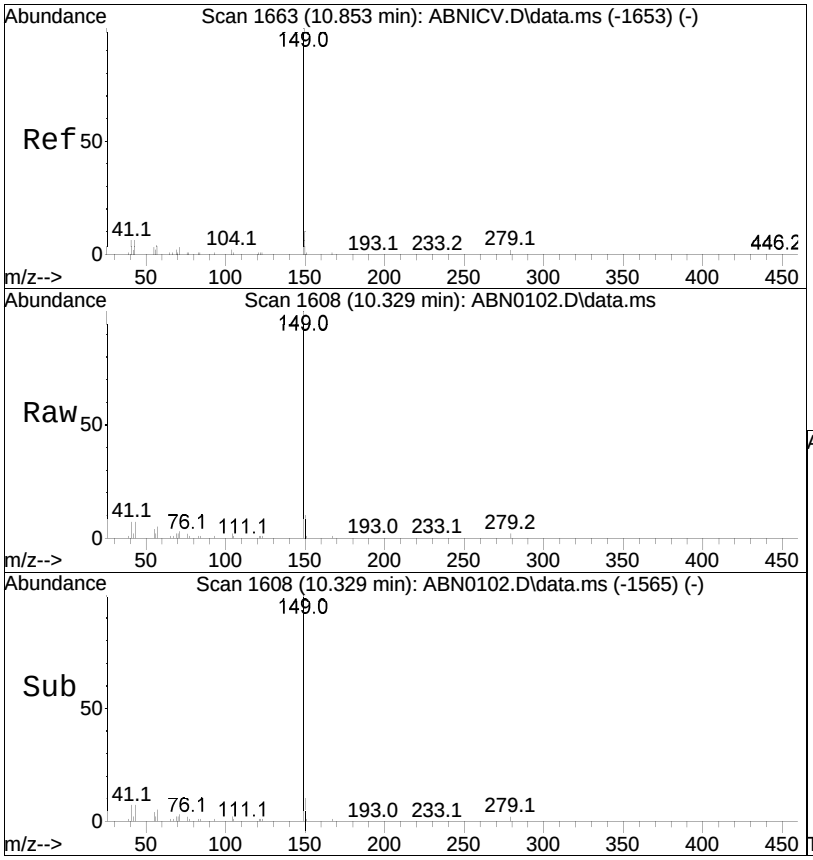


#108
Bis(2-ethylhexyl)phthalate
Concen: 58.90 ug/ml
RT: 9.618 min Scan# 1487
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:149 Resp: 513934

Ion	Ratio	Lower	Upper
149	100		
167	19.5	21.2	31.8#
279	1.6	3.8	5.6#

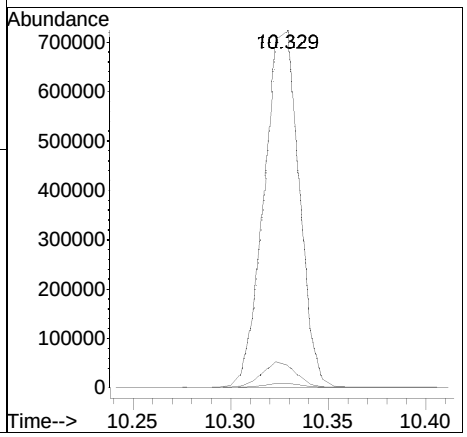


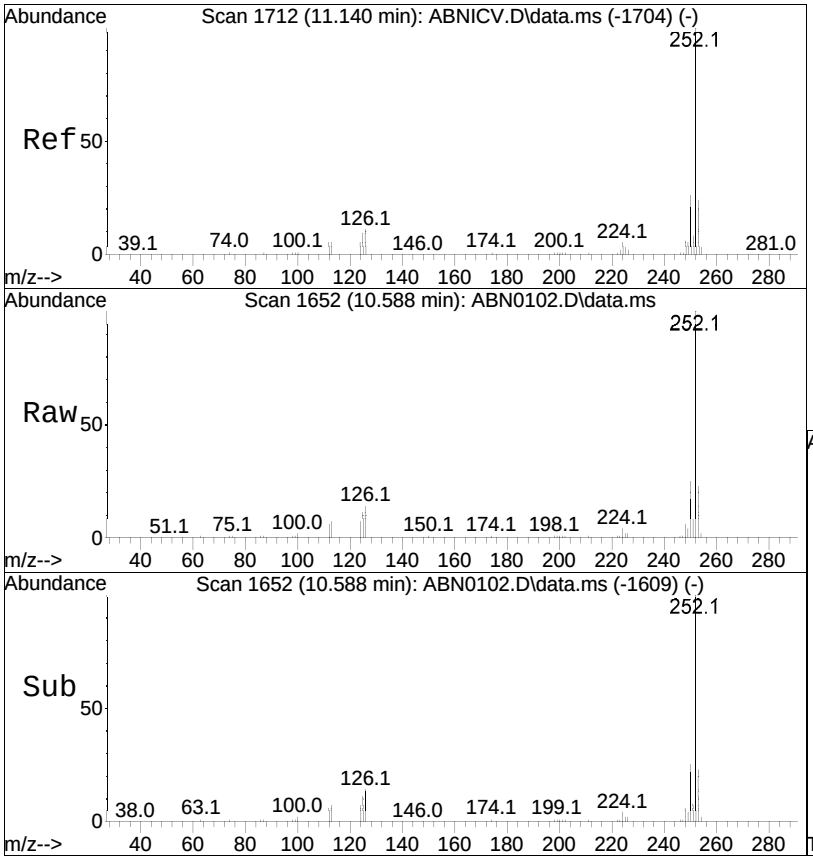


#109
Di-n-octylphthalate
Concen: 57.89 ug/ml
RT: 10.329 min Scan# 1608
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:149 Resp: 897021

Ion	Ratio	Lower	Upper
149	100		
43	7.1	8.0	12.0#
167	1.1	1.0	1.6

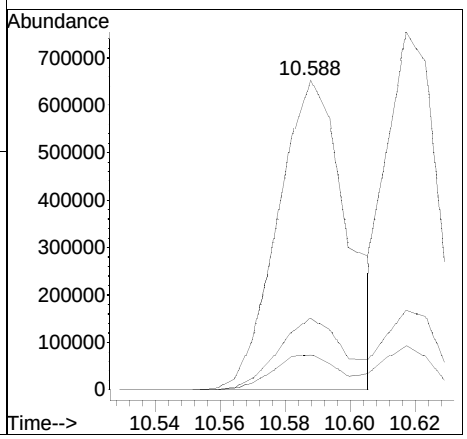


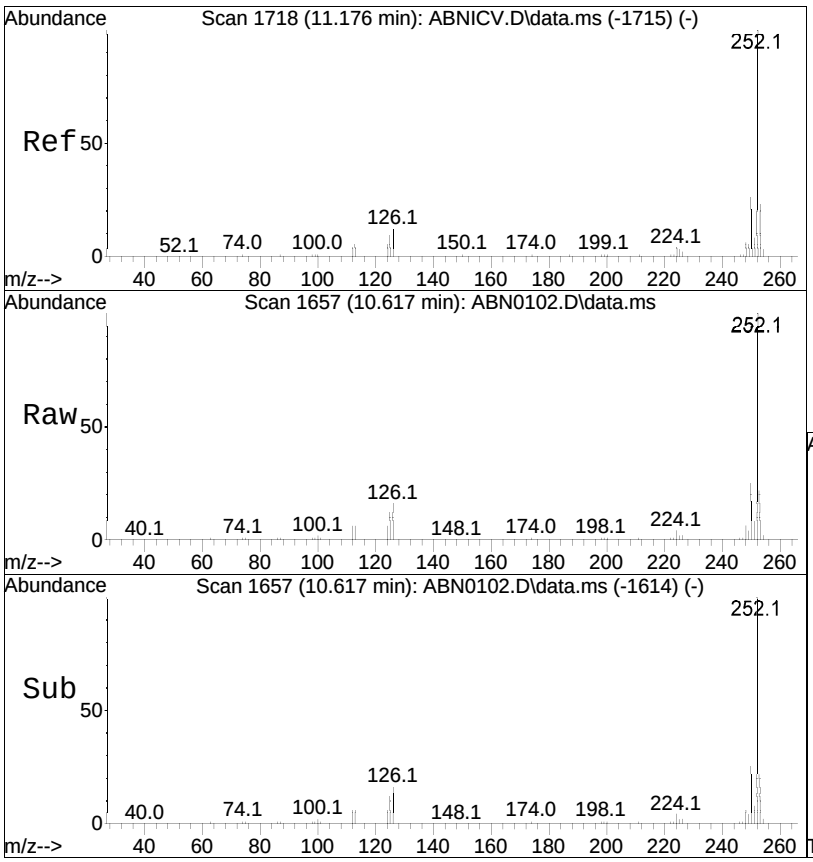


#110
Benzo(b)fluoranthene
Concen: 52.80 ug/ml M3
RT: 10.588 min Scan# 1652
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:252 Resp: 972485

Ion	Ratio	Lower	Upper
252	100		
125	10.5	12.6	18.8#
253	18.4	18.2	27.2

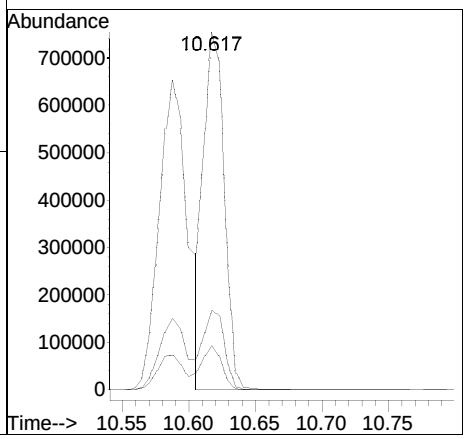


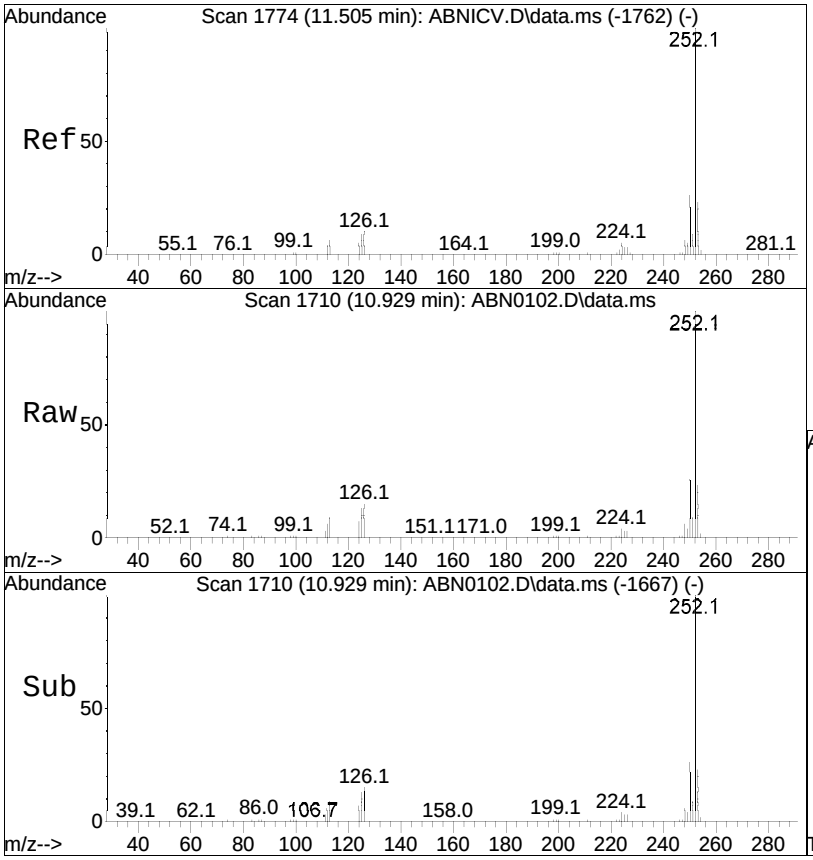


#111
Benzo(k)fluoranthene
Concen: 48.18 ug/ml
RT: 10.617 min Scan# 1657
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:252 Resp: 805324

Ion	Ratio	Lower	Upper
252	100		
125	12.7	12.1	18.1
253	22.3	18.1	27.1

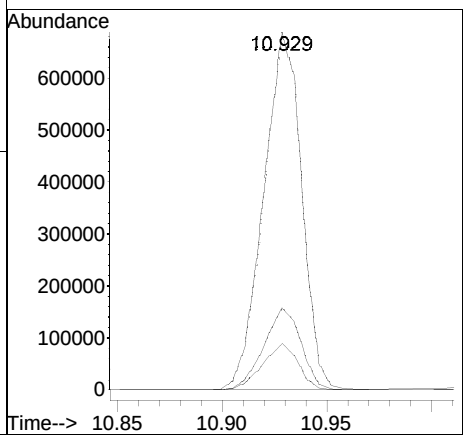


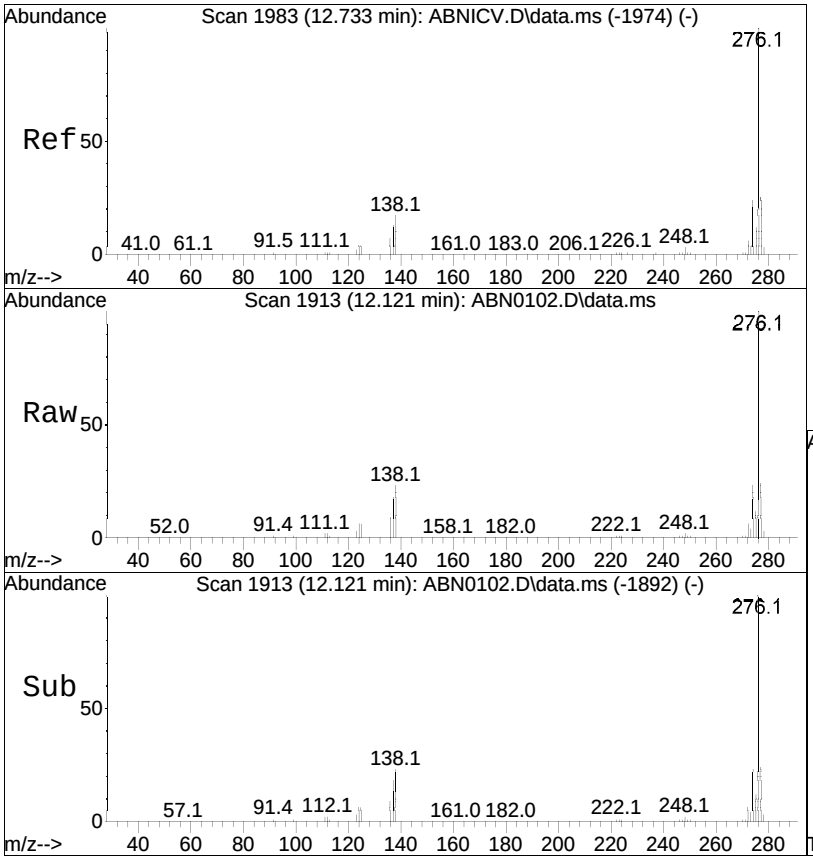


#112
Benzo(a)pyrene
Concen: 50.20 ug/ml
RT: 10.929 min Scan# 1710
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:252 Resp: 862316

Ion	Ratio	Lower	Upper
252	100		
125	12.4	13.3	19.9#
253	22.6	18.2	27.4

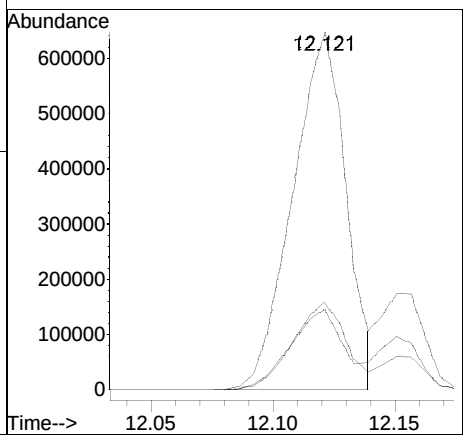


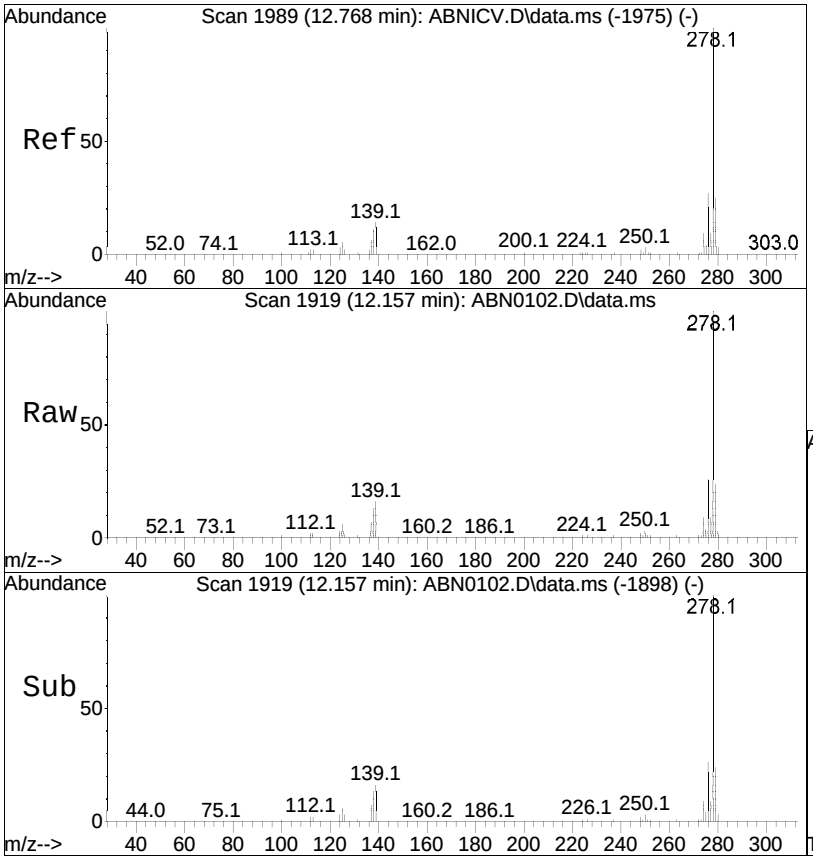


#114
Indeno(1,2,3-cd)pyrene
Concen: 49.19 ug/mL
RT: 12.121 min Scan# 1913
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:276 Resp: 982751

Ion	Ratio	Lower	Upper
276	100		
138	21.8	26.7	40.1#
277	24.6	20.4	30.6

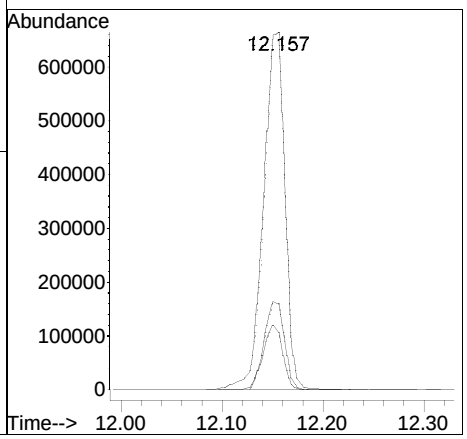


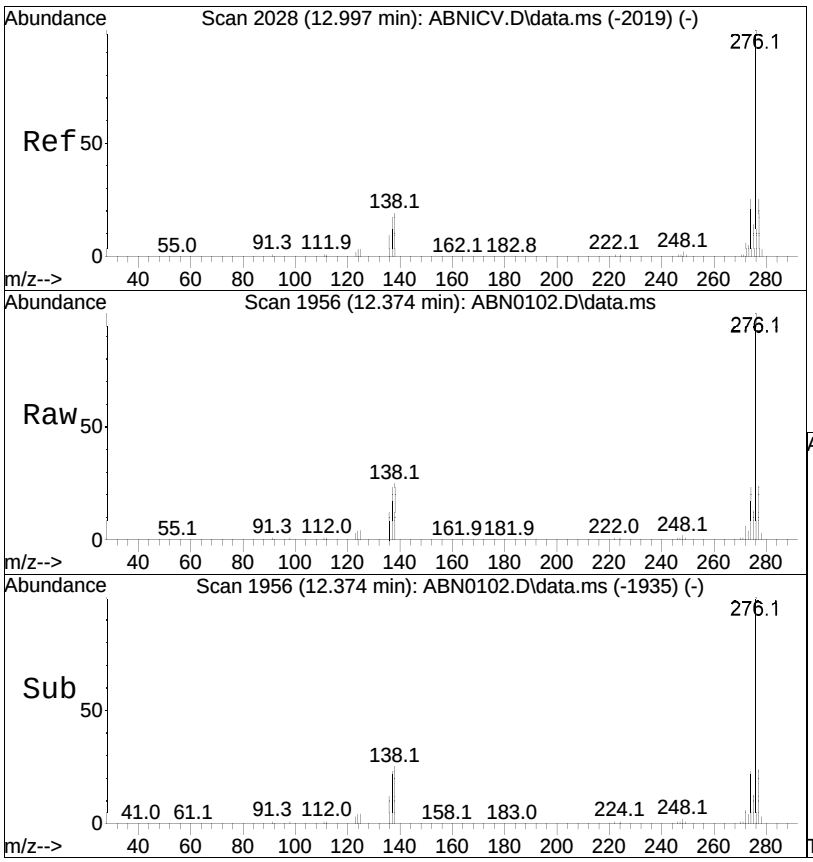


#115
Dibenzo(a,h)anthracene
Concen: 50.38 ug/ml
RT: 12.157 min Scan# 1919
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:278 Resp: 962281

Ion	Ratio	Lower	Upper
278	100		
139	16.9	18.2	27.4#
279	24.1	19.3	28.9

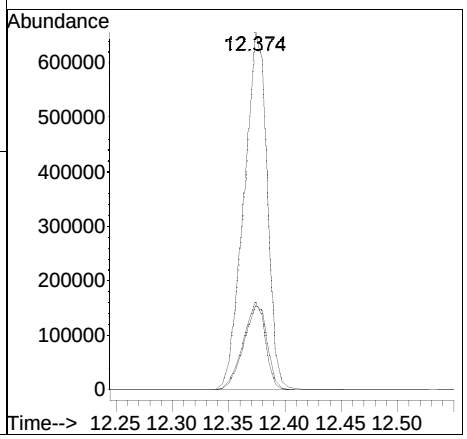




#116
Benzo(ghi)perylene
Concen: 48.98 ug/ml
RT: 12.374 min Scan# 1956
Delta R.T. 0.000 min
Lab File: ABN0102.D
Acq: 2 Jan 2026 11:12 am

Tgt Ion:276 Resp: 933639

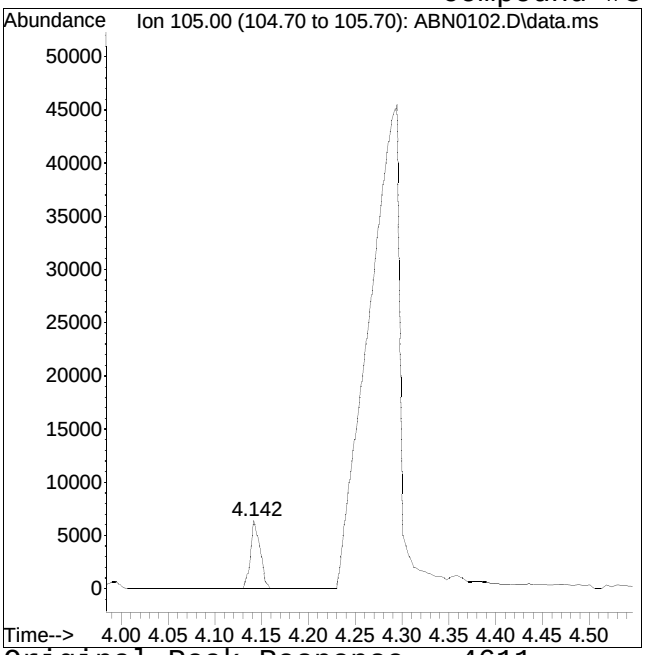
Ion	Ratio	Lower	Upper
276	100		
138	23.9	26.1	39.1#
277	24.1	19.4	29.0



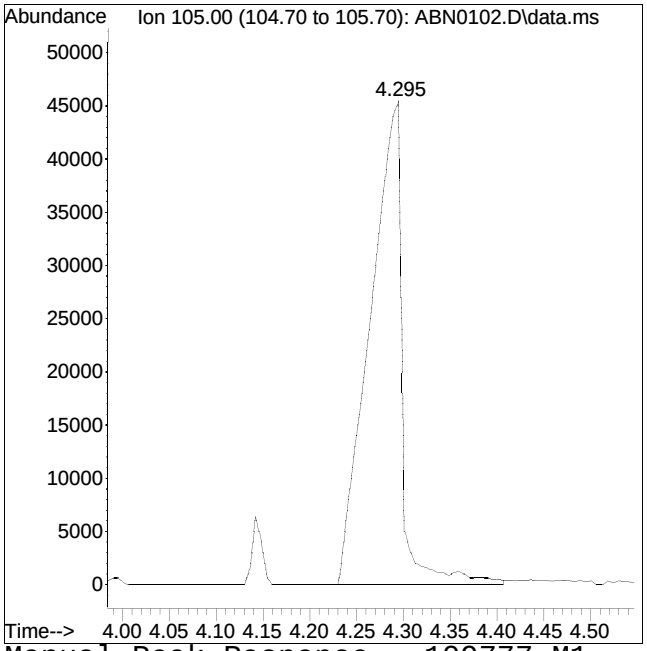
Manual Integration Report

Data Path : I:\8270\Mork\260102\ QMethod : FS251209Mork.m
Data File : ABN0102.D Operator : Mork:jg
Date Inj'd : 1/2/2026 11:12 am Instrument : Mork
Sample : WG2161048-3,32,,ABN 12168 Quant Date : 1/2/2026 11:30 am

Compound #37: Benzoic Acid



Original Peak Response = 4611



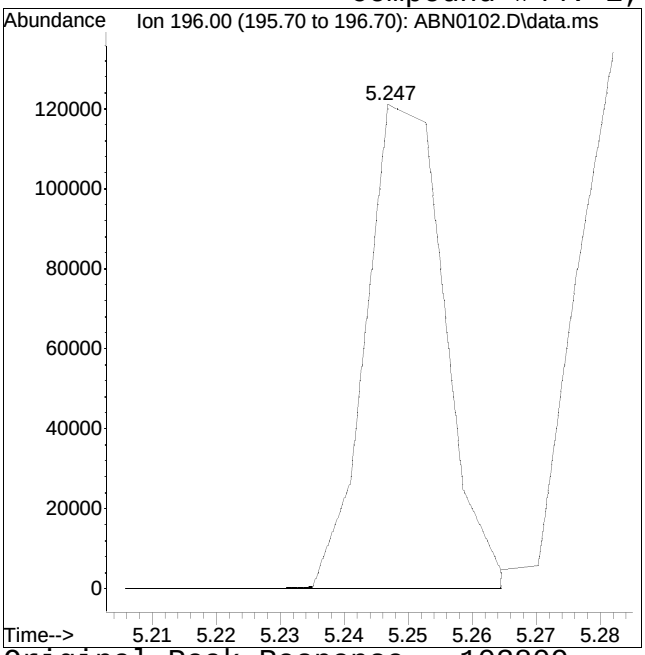
Manual Peak Response = 109777 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

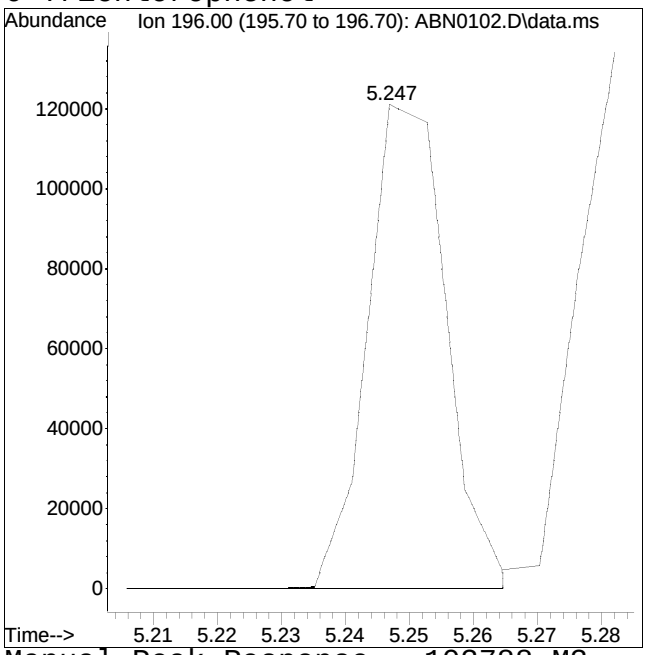
Manual Integration Report

Data Path : I:\8270\Mork\260102\ QMethod : FS251209Mork.m
Data File : ABN0102.D Operator : Mork:jg
Date Inj'd : 1/2/2026 11:12 am Instrument : Mork
Sample : WG2161048-3,32,,ABN 12168 Quant Date : 1/2/2026 11:30 am

Compound #44: 2,4,6-Trichlorophenol



Original Peak Response = 103809



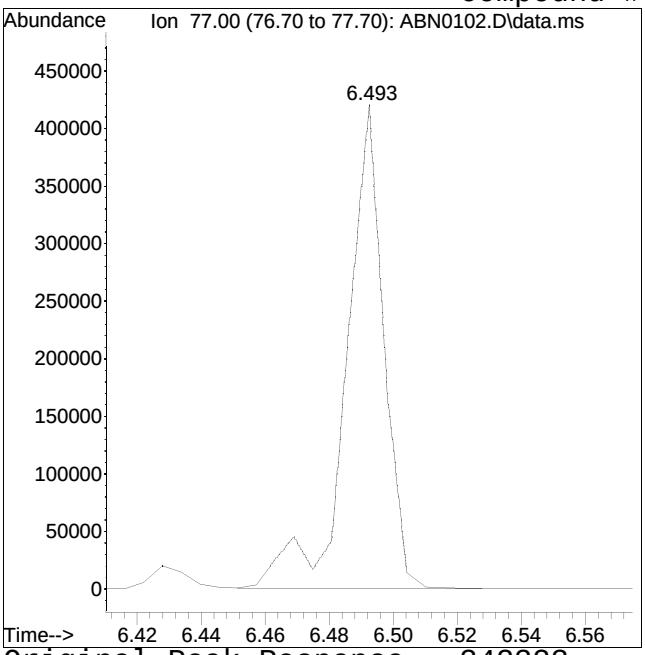
Manual Peak Response = 103788 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

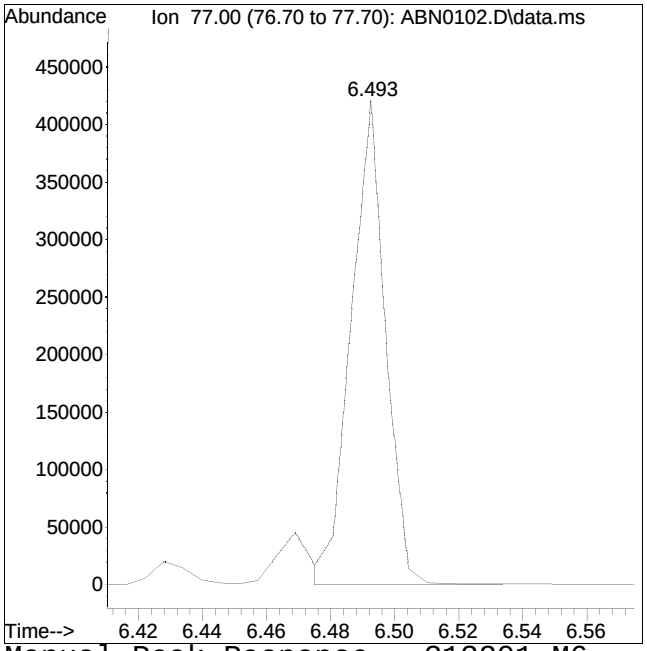
Manual Integration Report

Data Path : I:\8270\Mork\260102\ QMethod : FS251209Mork.m
Data File : ABN0102.D Operator : Mork:jg
Date Inj'd : 1/2/2026 11:12 am Instrument : Mork
Sample : WG2161048-3,32,,ABN 12168 Quant Date : 1/2/2026 11:30 am

Compound #78: Azobenzene



Original Peak Response = 342323



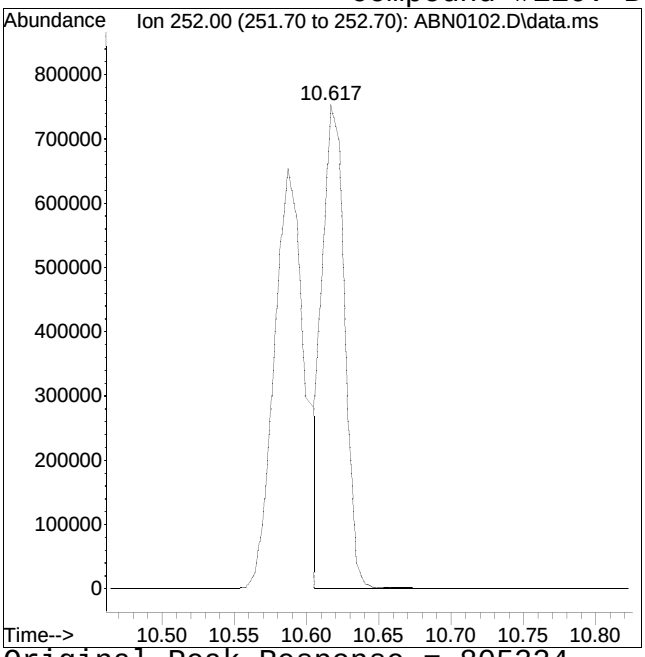
Manual Peak Response = 313201 M6

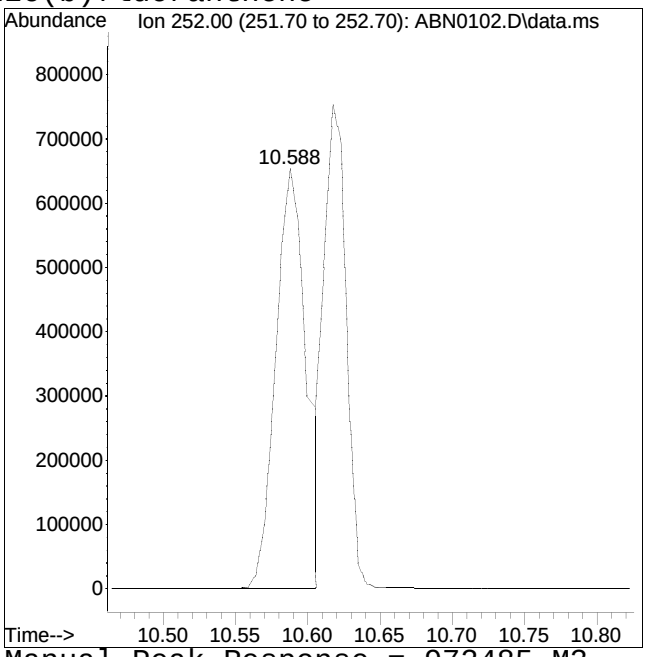
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\Mork\260102\ QMethod : FS251209Mork.m
Data File : ABN0102.D Operator : Mork:jg
Date Inj'd : 1/2/2026 11:12 am Instrument : Mork
Sample : WG2161048-3,32,,ABN 12168 Quant Date : 1/2/2026 11:30 am

Compound #110: Benzo(b)fluoranthene





Original Peak Response = 805324 Manual Peak Response = 972485 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Evaluate Continuing Calibration Report

Data Path : I:\8270\Mork\260102\
Data File : AP90102.D
Acq On : 2 Jan 2026 11:32 am
Operator : Mork:jg
Sample : WG2161048-4,32,,AP9 12053 gmr1227A
Misc : WG2161048,,ical22888
ALS Vial : 97 Sample Multiplier: 1

Quant Time: Jan 02 11:53:02 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 11:53:17 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
27	I	IS2_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	70	0.00
28	T	Benzaldehyde	0.840	0.958	-14.0	77	0.00
29	T	Acetophenone	1.419	1.634	-15.2	79	0.00
30	T	m-Toluidine	1.384	1.664	-20.2#	82	0.00
31	T	2-Chloroaniline	1.343	1.566	-16.6	80	0.00
55	I	IS2_Naphthalene-d8	1.000	1.000	0.0	79	0.00
56	T	a-Terpineol	0.206	0.202	1.9	73	0.00
57	T	3-Chloroaniline	0.117	0.132	-12.8	85	0.00
58	T	2,6-Dichlorophenol	0.336	0.333	0.9	74	0.00
59	T	1-chloro-2-nitrobenzene	0.128	0.146	-14.1	86	0.00
60	T	Caprolactam	0.109	0.103	5.5	71	0.00
61	T	1,2,4,5-Tetrachlorobenzene	0.476	0.404	15.1	64	0.00
62	T	Biphenyl	0.919	0.884	3.8	74	0.00
83	I	IS2_Acenaphthene-d10	1.000	1.000	0.0	72	0.00
84	T	Dichloran	0.215	0.231	-7.4	70	0.00
85	T	Pentachloronitrobenzene	0.239	0.227	5.0	65	0.00
98	I	IS2_Phenanthrene-d10	1.000	1.000	0.0	69	0.00
99	T	Diphenamid	0.495	0.524	-5.9	73	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260102\
Data File : AP90102.D
Acq On : 2 Jan 2026 11:32 am
Operator : Mork:jg
Sample : WG2161048-4,32,,AP9 12053 gmr1227A
Misc : WG2161048,,ical22888
ALS Vial : 97 Sample Multiplier: 1

Quant Time: Jan 02 11:53:02 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 11:53:17 2026
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
27) IS2_1,4-Dichlorobenzen...	3.273	152	80544	40.000	ug/ml		0.00
55) IS2_Naphthalene-d8	4.360	136	296340	40.000	ug/ml	#	0.00
83) IS2_Acenaphthene-d10	5.858	164	173471	40.000	ug/ml		0.00
98) IS2_Phenanthrene-d10	7.121	188	384044	40.000	ug/ml		0.00
System Monitoring Compounds							
Target Compounds							Qvalue
28) Benzaldehyde	2.897	105	96423	56.988	ug/ml		91
29) Acetophenone	3.637	105	164533	57.571	ug/ml	#	86
30) m-Toluidine	3.708	106	167538	60.099	ug/ml		96
31) 2-Chloroaniline	4.019	127	157712	58.311	ug/ml		98
56) a-Terpineol	4.424	59	74814	49.039	ug/ml	#	83
57) 3-Chloroaniline	4.442	65	48982	56.332	ug/ml		94
58) 2,6-Dichlorophenol	4.460	162	123442	49.541	ug/ml	#	90
59) 1-chloro-2-nitrobenzene	4.683	111	54159	56.908	ug/ml		97
60) Caprolactam	4.742	55	38088	47.094	ug/ml	#	87
61) 1,2,4,5-Tetrachloroben...	5.130	216	149479	42.398	ug/ml		99
62) Biphenyl	5.388	154	327616	48.101	ug/ml		97
84) Dichloran	6.880	206	50063	53.796	ug/ml		96
85) Pentachloronitrobenzene	6.998	237	49283	47.563	ug/ml		95
99) Diphenamid	7.944	167	251531	52.967	ug/ml	#	81

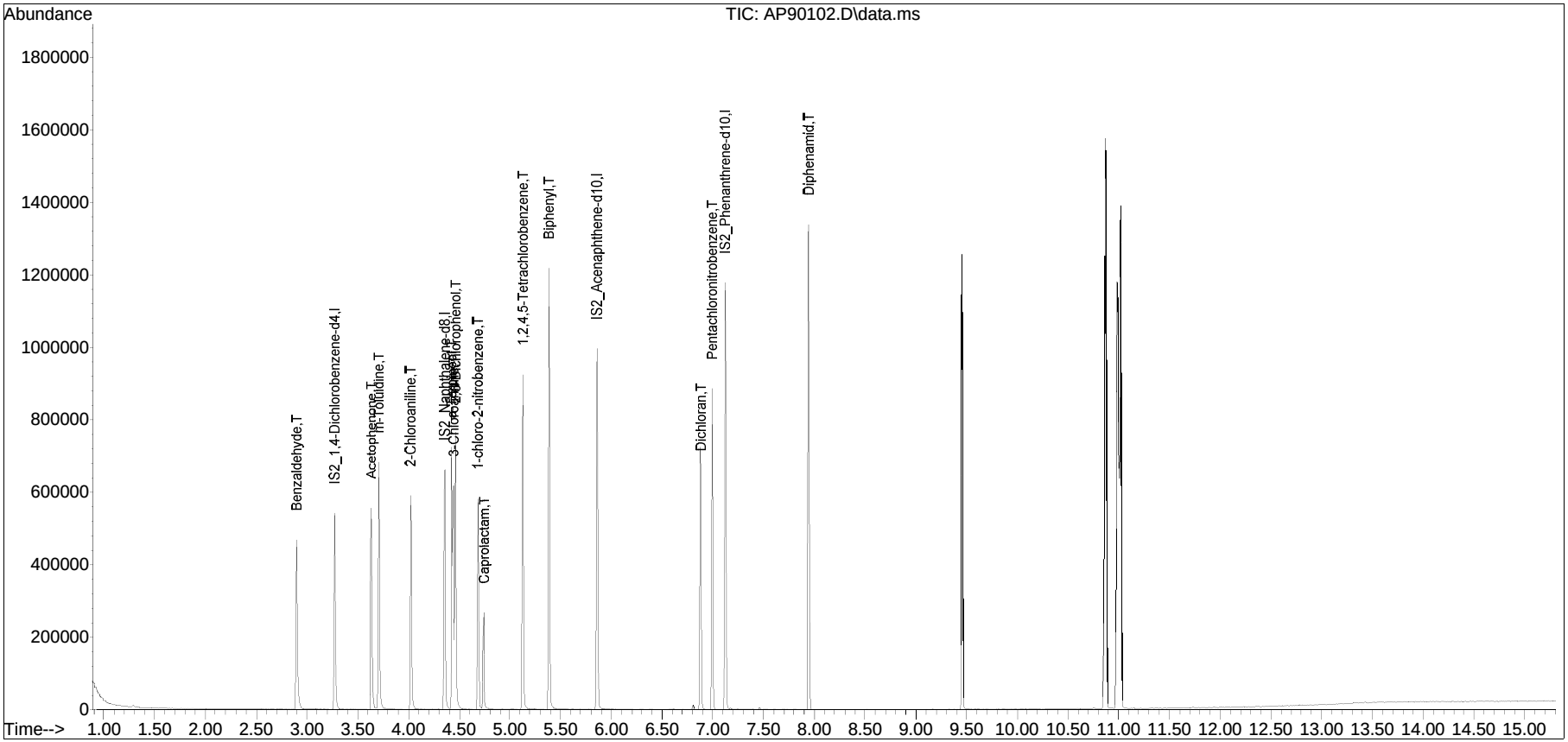
(#) = qualifier out of range (m) = manual integration (+) = signals summed

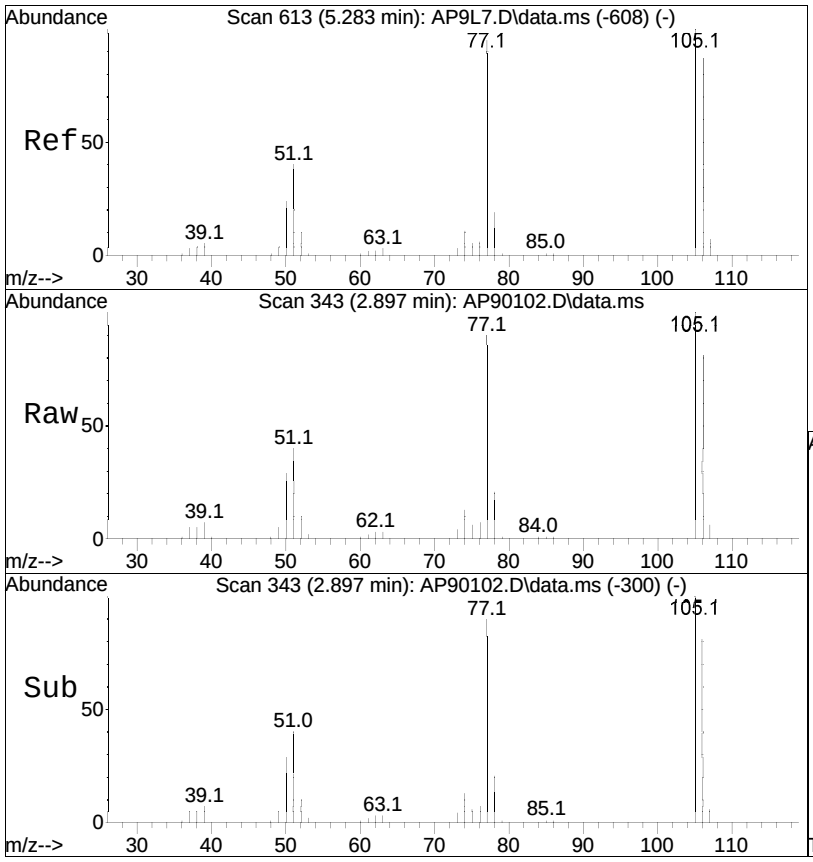
Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260102\
Data File : AP90102.D
Acq On : 2 Jan 2026 11:32 am
Operator : Mork:jg
Sample : WG2161048-4,32,,AP9 12053 gmr1227A
Misc : WG2161048,,ical22888
ALS Vial : 97 Sample Multiplier: 1

Quant Time: Jan 02 11:53:02 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 11:53:17 2026
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublist

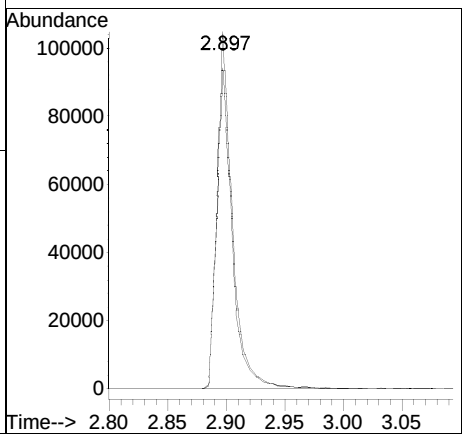


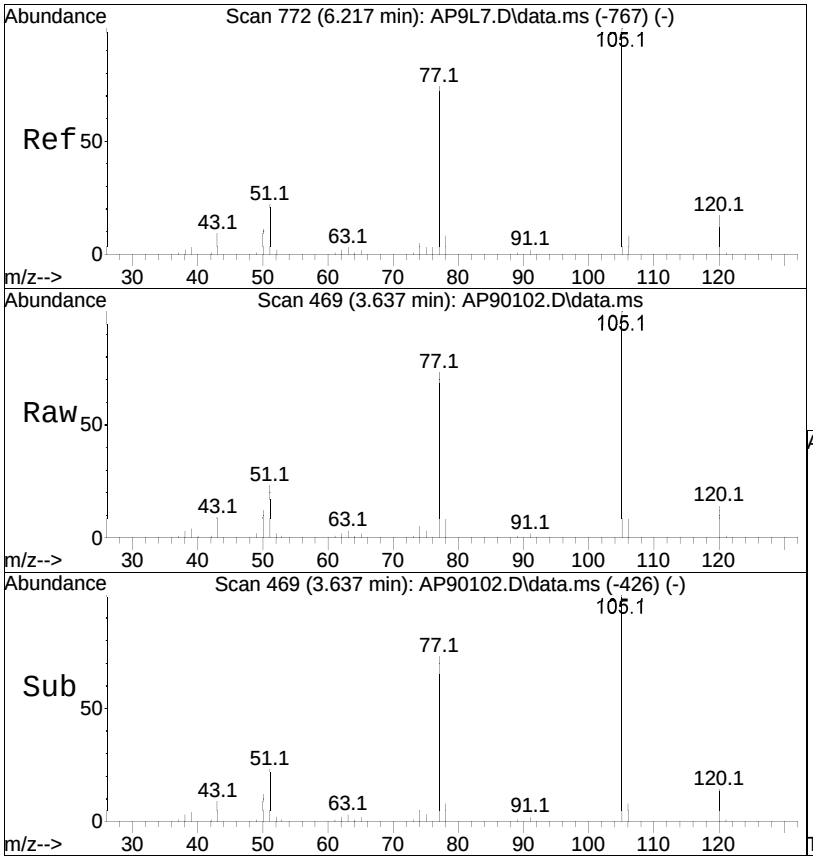


#28
Benzaldehyde
Concen: 56.99 ug/ml
RT: 2.897 min Scan# 343
Delta R.T. 0.000 min
Lab File: AP90102.D
Acq: 2 Jan 2026 11:32 am

Tgt Ion:105 Resp: 96423

Ion	Ratio	Lower	Upper
105	100		
77	90.2	79.3	118.9

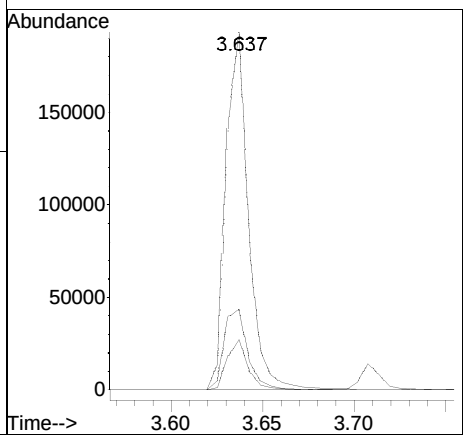


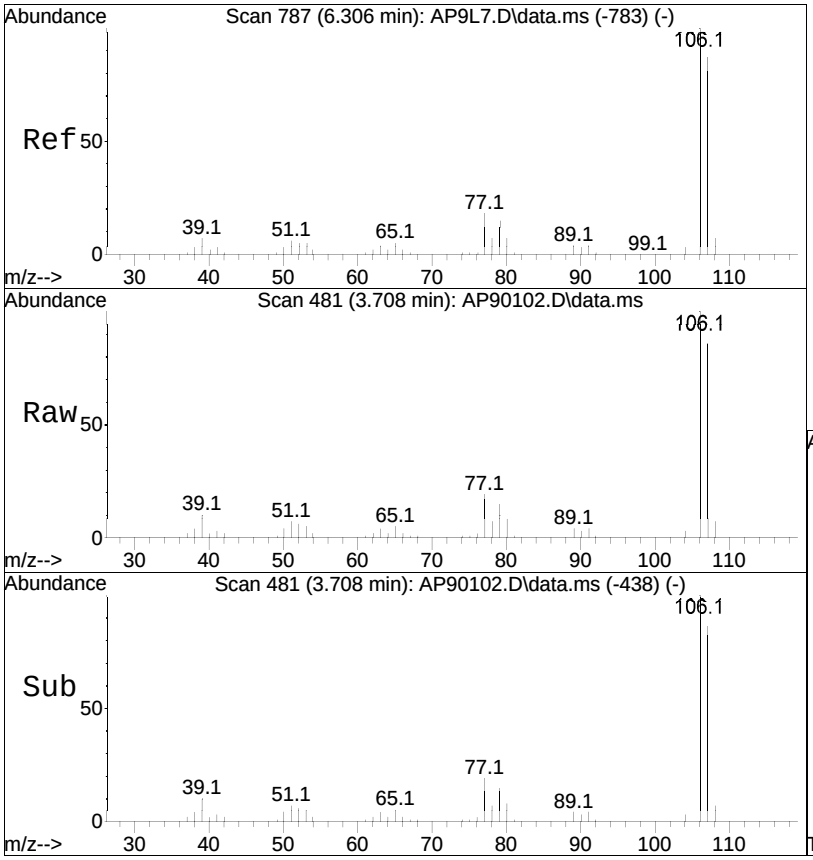


#29
Acetophenone
Concen: 57.57 ug/ml
RT: 3.637 min Scan# 469
Delta R.T. 0.000 min
Lab File: AP90102.D
Acq: 2 Jan 2026 11:32 am

Tgt Ion:105 Resp: 164533

Ion	Ratio	Lower	Upper
105	100		
120	13.3	17.4	26.2#
51	24.0	23.8	35.6

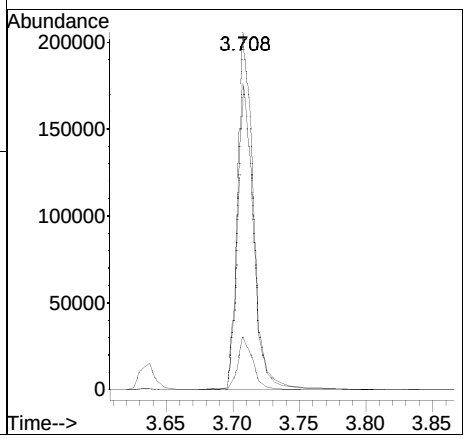


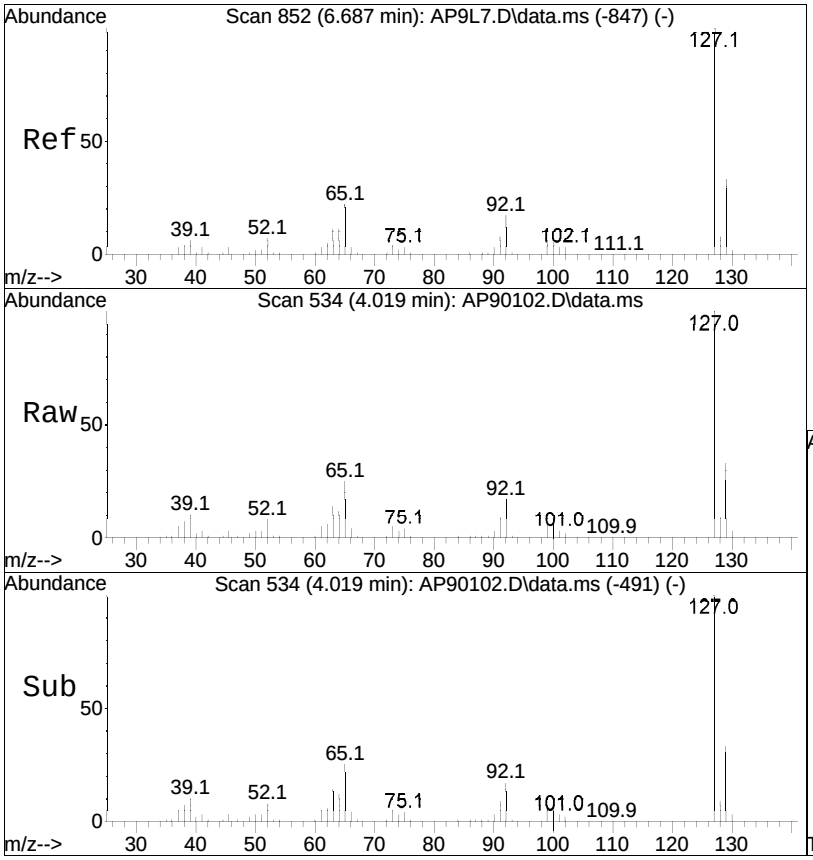


#30
m-Toluidine
Concen: 60.10 ug/ml
RT: 3.708 min Scan# 481
Delta R.T. 0.000 min
Lab File: AP90102.D
Acq: 2 Jan 2026 11:32 am

Tgt Ion:106 Resp: 167538

Ion	Ratio	Lower	Upper
106	100		
107	86.8	72.5	108.7
79	14.5	11.4	17.2

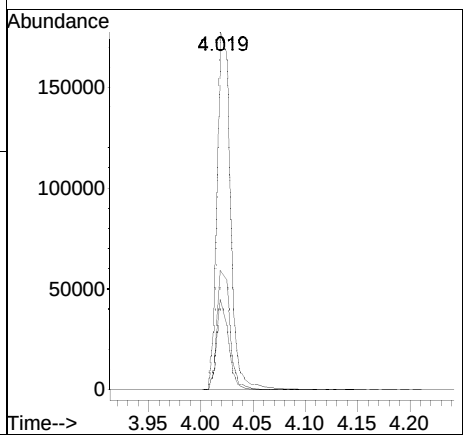


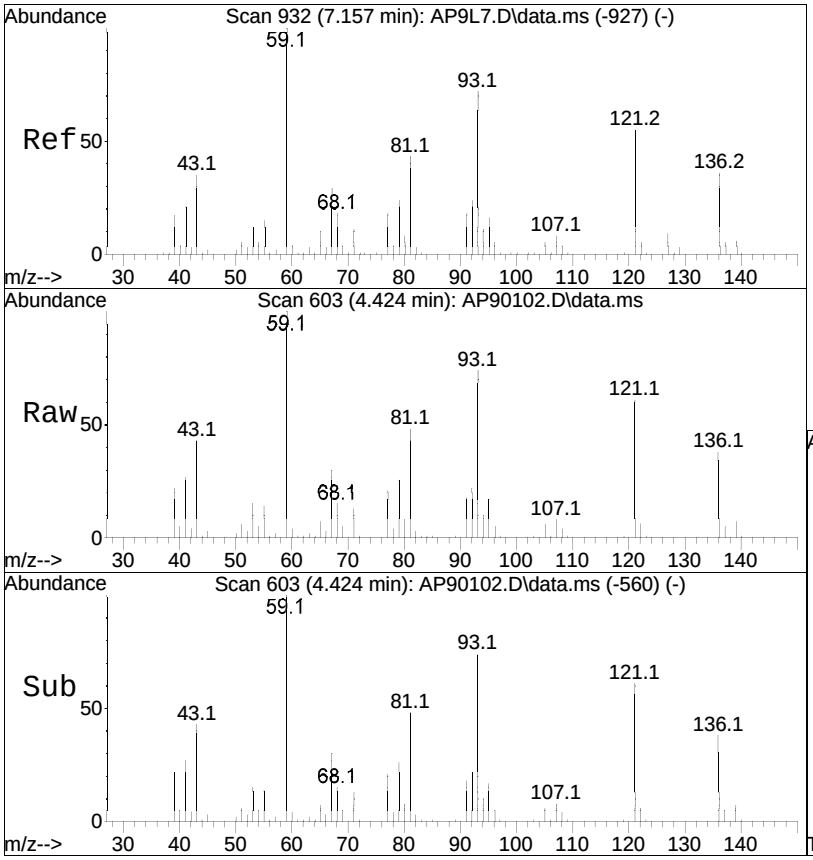


#31
2-Chloroaniline
Concen: 58.31 ug/ml
RT: 4.019 min Scan# 534
Delta R.T. 0.000 min
Lab File: AP90102.D
Acq: 2 Jan 2026 11:32 am

Tgt Ion:127 Resp: 157712

Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.5	38.3
65	22.7	17.3	25.9

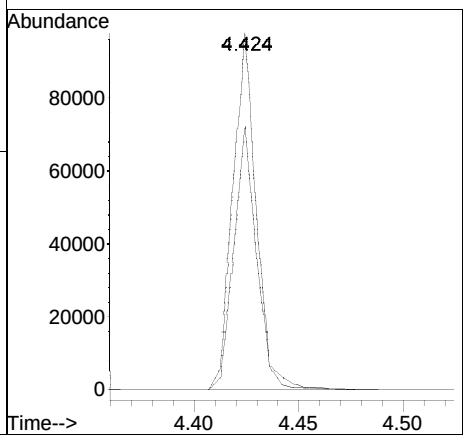


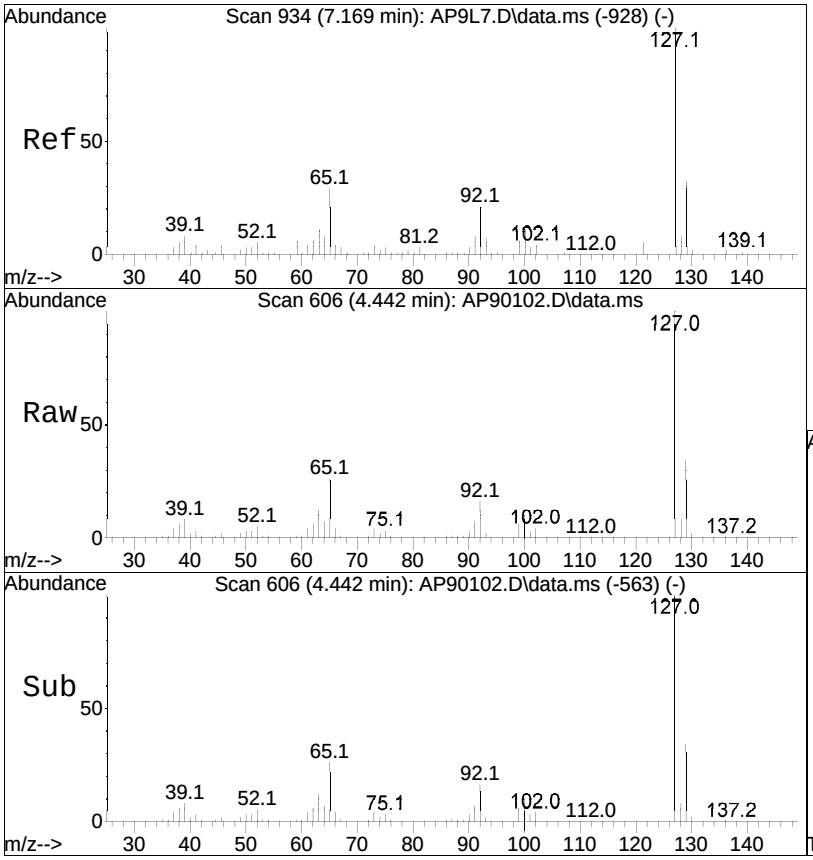


#56
a-Terpineol
Concen: 49.04 ug/ml
RT: 4.424 min Scan# 603
Delta R.T. 0.000 min
Lab File: AP90102.D
Acq: 2 Jan 2026 11:32 am

Tgt Ion: 59 Resp: 74814

Ion	Ratio	Lower	Upper
59	100		
93	74.5	49.3	73.9#

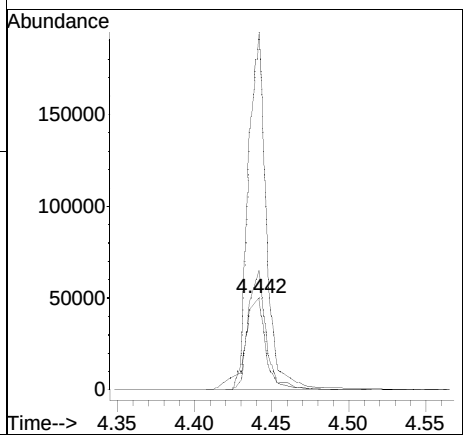


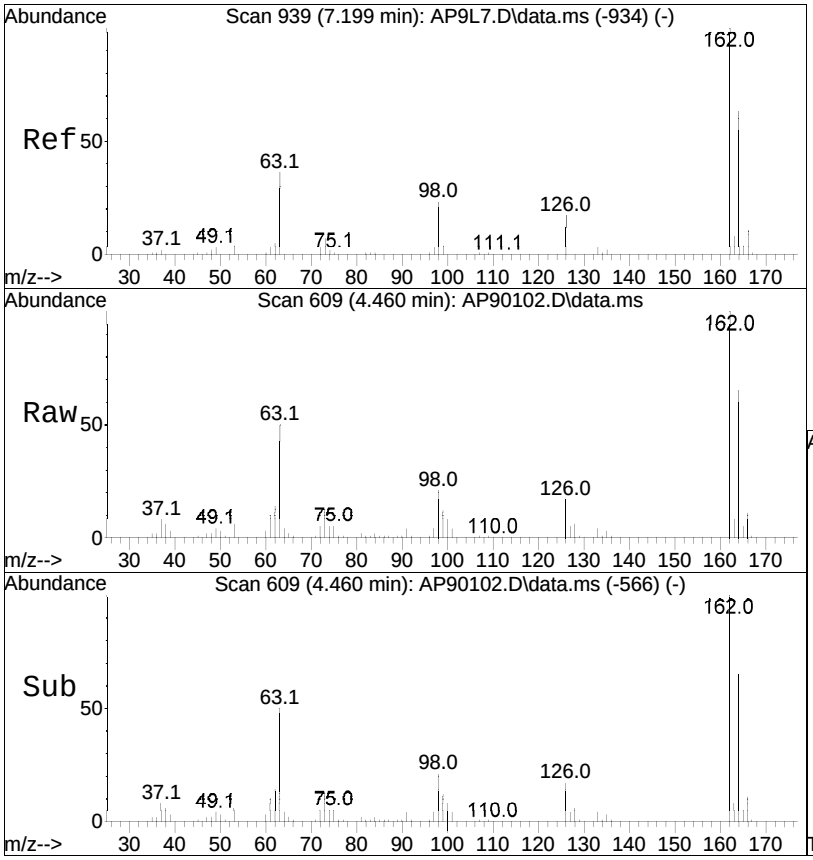


#57
3-Chloroaniline
Concen: 56.33 ug/ml
RT: 4.442 min Scan# 606
Delta R.T. 0.000 min
Lab File: AP90102.D
Acq: 2 Jan 2026 11:32 am

Tgt Ion: 65 Resp: 48982

Ion	Ratio	Lower	Upper
65	100		
127	322.1	269.3	403.9
129	107.0	88.2	132.4

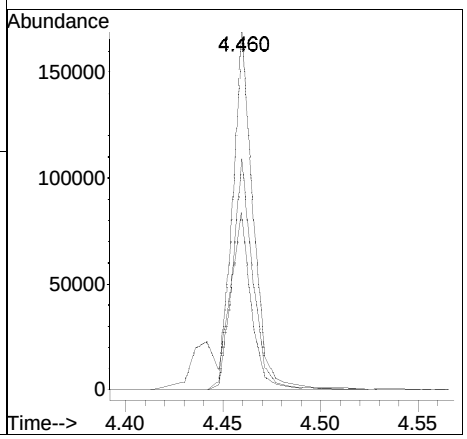


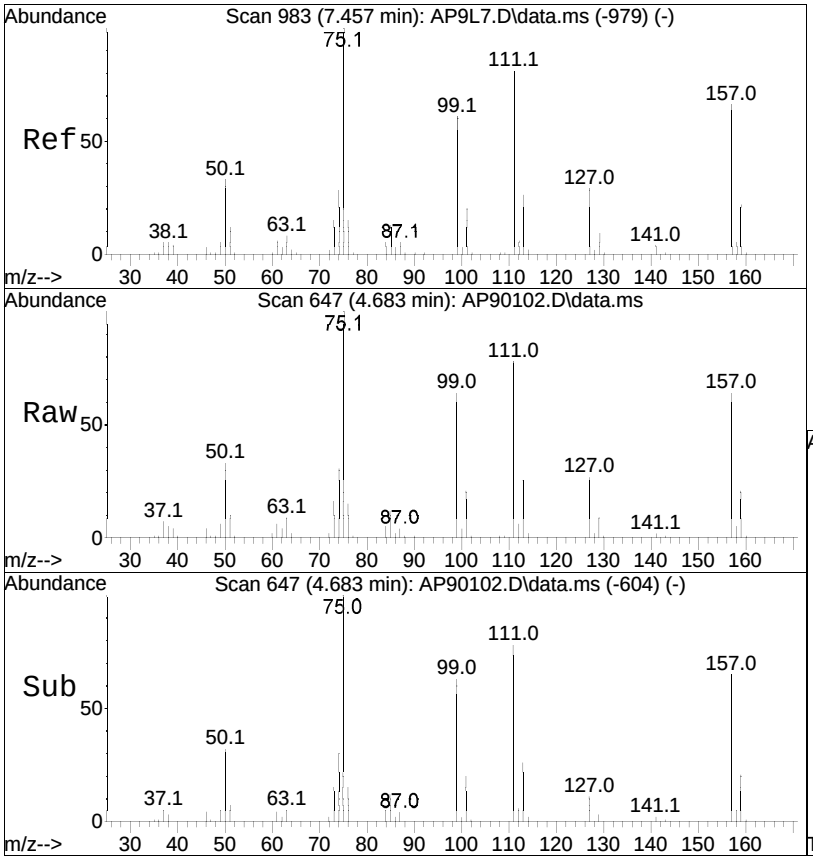


#58
2,6-Dichlorophenol
Concen: 49.54 ug/ml
RT: 4.460 min Scan# 609
Delta R.T. 0.000 min
Lab File: AP90102.D
Acq: 2 Jan 2026 11:32 am

Tgt Ion:162 Resp: 123442

Ion	Ratio	Lower	Upper
162	100		
164	63.9	51.8	77.6
63	66.3	41.7	62.5#

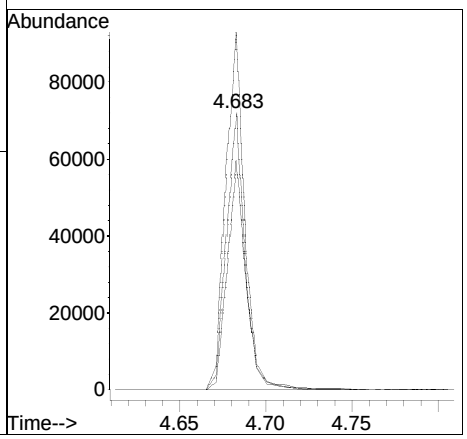


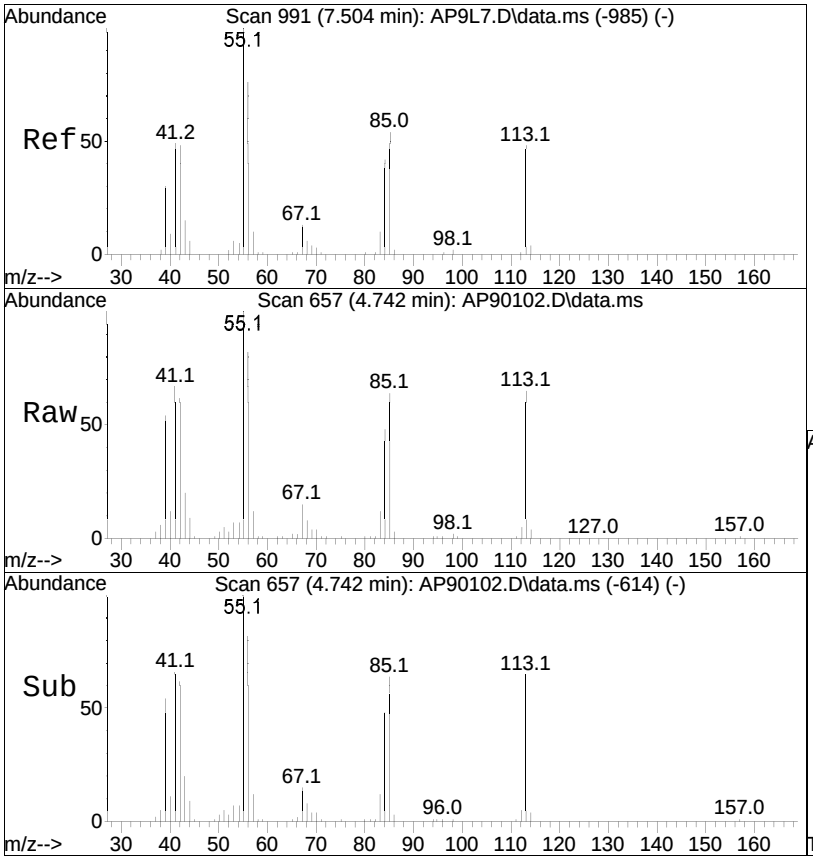


#59
1-chloro-2-nitrobenzene
Concen: 56.91 ug/ml
RT: 4.683 min Scan# 647
Delta R.T. 0.000 min
Lab File: AP90102.D
Acq: 2 Jan 2026 11:32 am

Tgt Ion:111 Resp: 54159

Ion	Ratio	Lower	Upper
111	100		
157	81.4	67.6	101.4
75	131.8	102.5	153.7

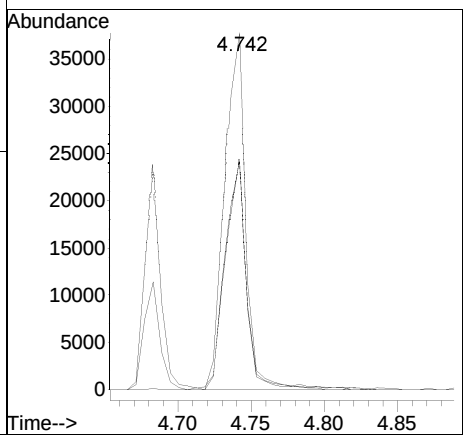


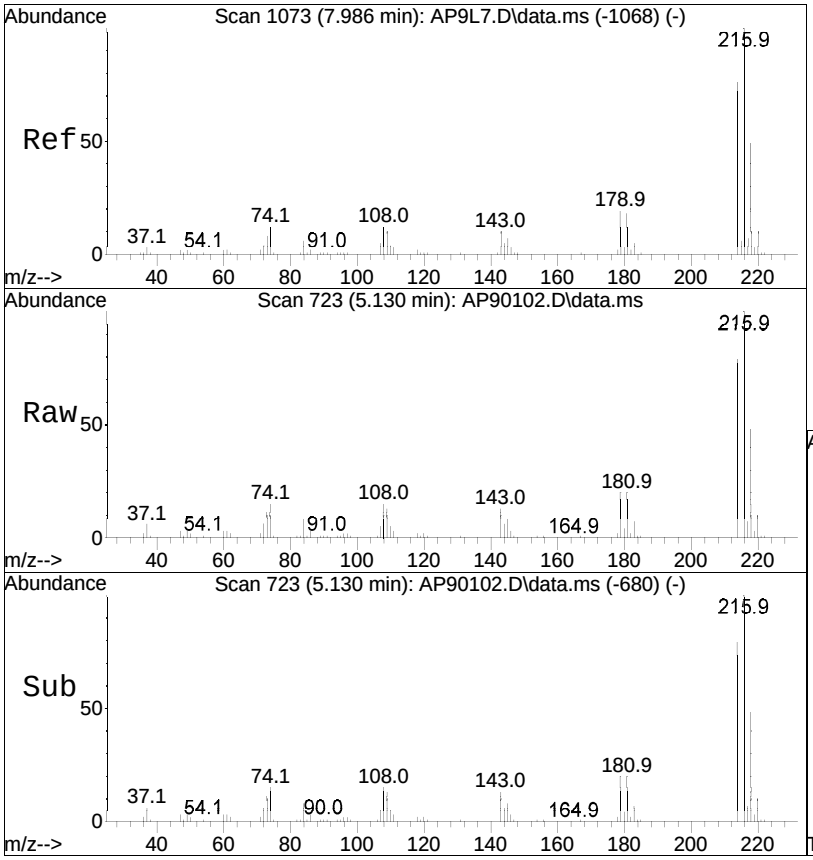


#60
Caprolactam
Concen: 47.09 ug/ml
RT: 4.742 min Scan# 657
Delta R.T. 0.000 min
Lab File: AP90102.D
Acq: 2 Jan 2026 11:32 am

Tgt Ion: 55 Resp: 38088

Ion	Ratio	Lower	Upper
55	100		
85	64.6	36.6	54.8#
113	64.2	50.2	75.2

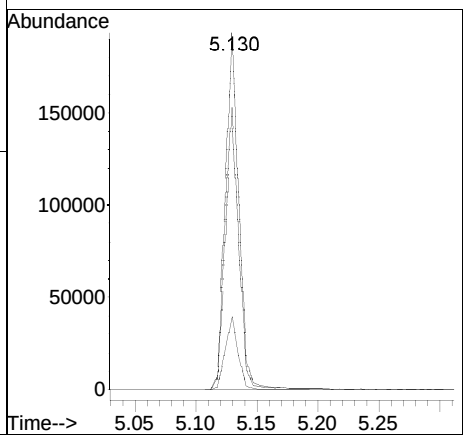


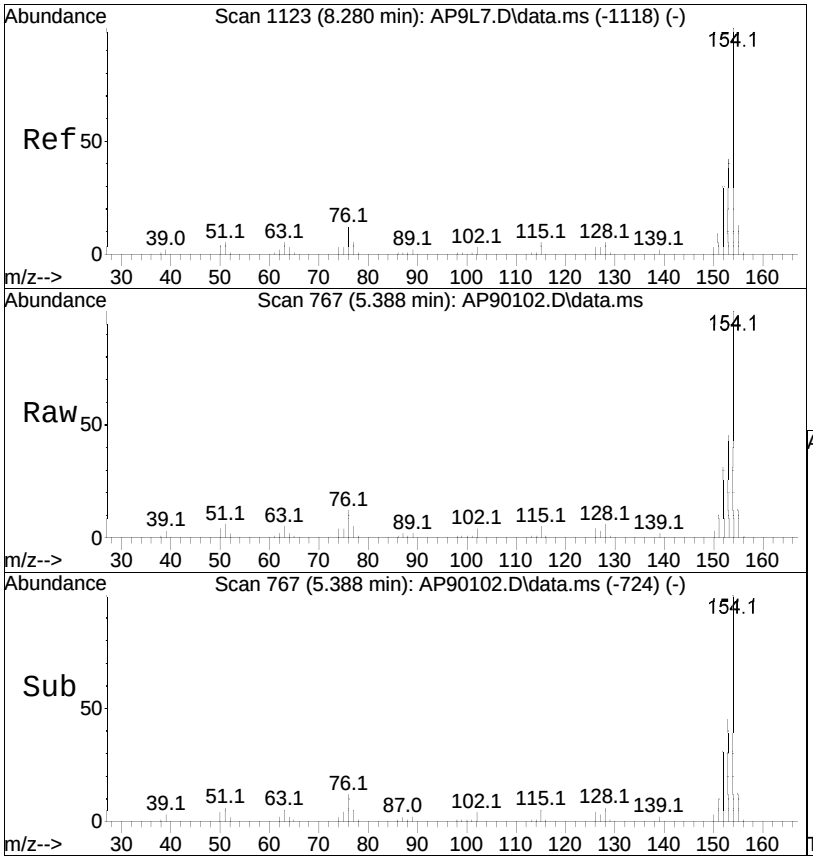


#61
1,2,4,5-Tetrachlorobenzene
Concen: 42.40 ug/ml
RT: 5.130 min Scan# 723
Delta R.T. 0.000 min
Lab File: AP90102.D
Acq: 2 Jan 2026 11:32 am

Tgt Ion:216 Resp: 149479

Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.4
179	19.7	15.3	22.9

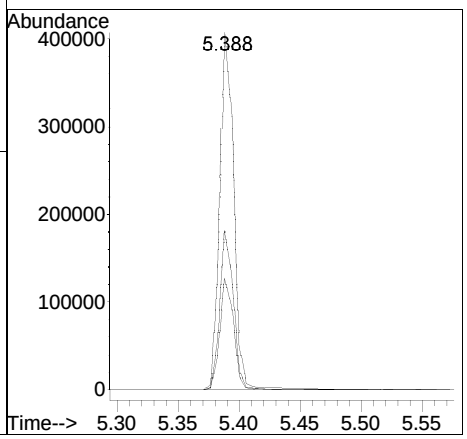


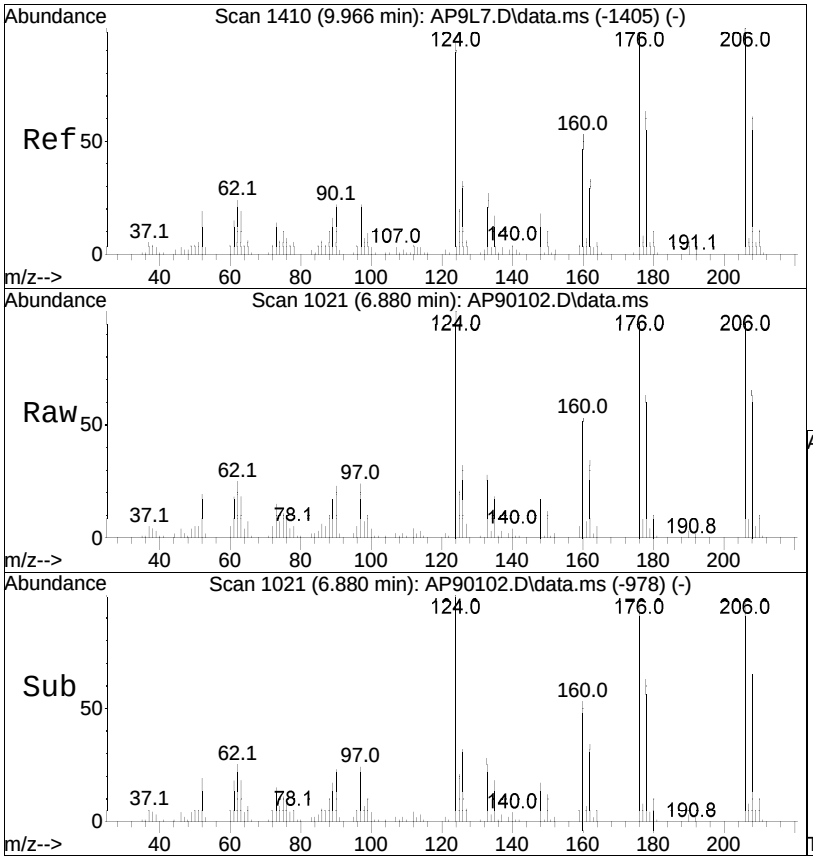


#62
Biphenyl
Concen: 48.10 ug/ml
RT: 5.388 min Scan# 767
Delta R.T. 0.000 min
Lab File: AP90102.D
Acq: 2 Jan 2026 11:32 am

Tgt Ion:154 Resp: 327616

Ion	Ratio	Lower	Upper
154	100		
153	44.0	33.8	50.8
152	30.8	23.0	34.6

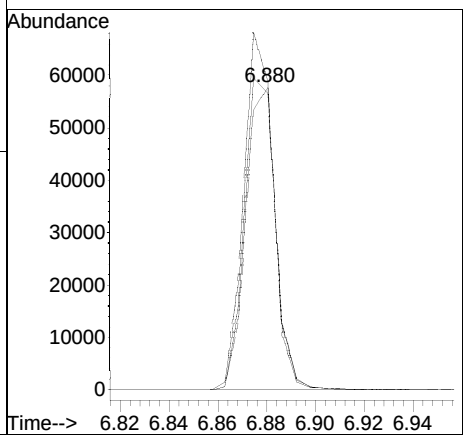


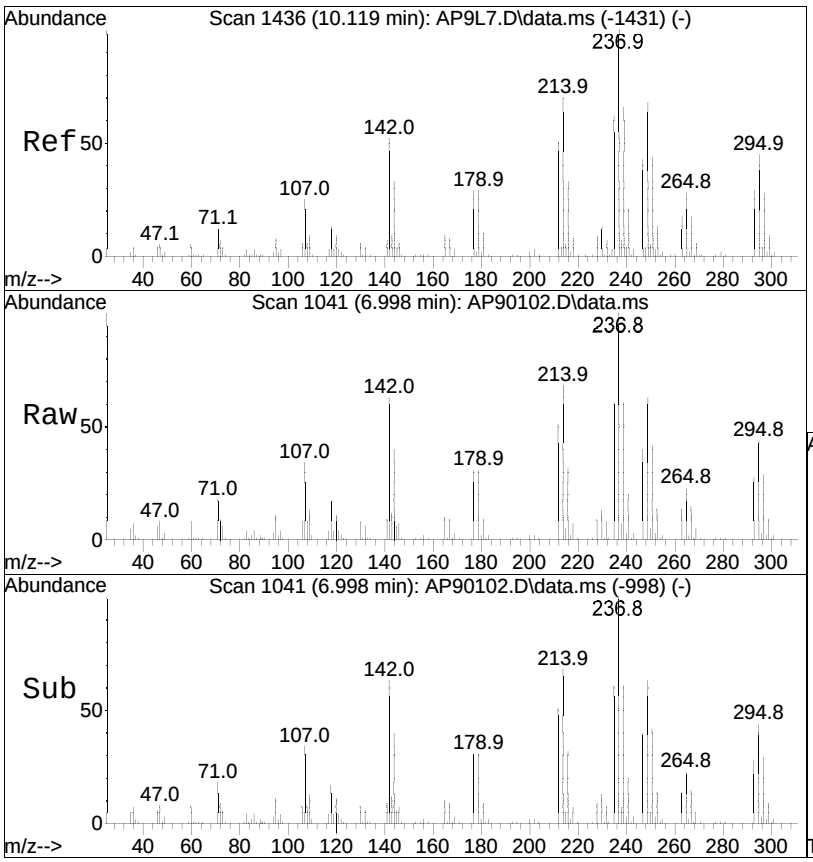


#84
Dichloran
Concen: 53.80 ug/ml
RT: 6.880 min Scan# 1021
Delta R.T. 0.000 min
Lab File: AP90102.D
Acq: 2 Jan 2026 11:32 am

Tgt Ion:206 Resp: 50063

Ion	Ratio	Lower	Upper
206	100		
176	104.9	82.7	124.1
124	114.8	86.2	129.4

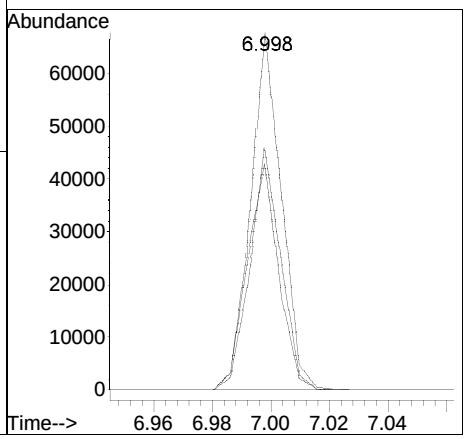


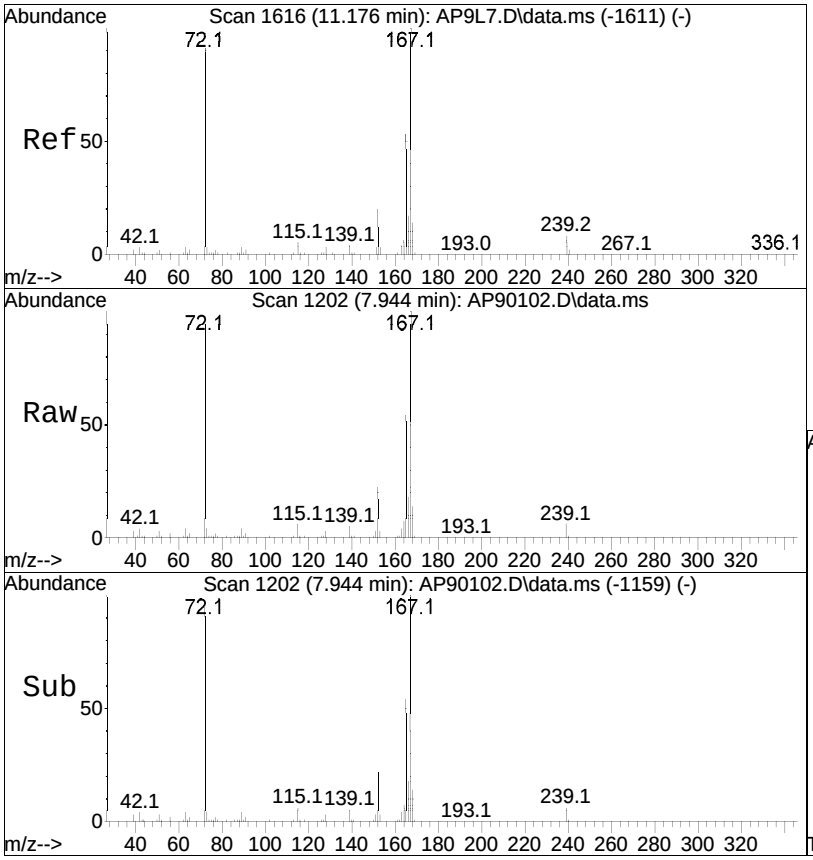


#85
Pentachloronitrobenzene
Concen: 47.56 ug/ml
RT: 6.998 min Scan# 1041
Delta R.T. 0.000 min
Lab File: AP90102.D
Acq: 2 Jan 2026 11:32 am

Tgt Ion:237 Resp: 49283

Ion	Ratio	Lower	Upper
237	100		
142	64.8	57.4	86.2
214	67.3	55.0	82.6

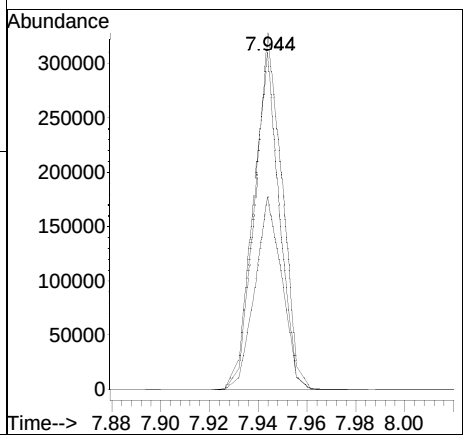




#99
Diphenamid
Concen: 52.97 ug/ml
RT: 7.944 min Scan# 1202
Delta R.T. 0.000 min
Lab File: AP90102.D
Acq: 2 Jan 2026 11:32 am

Tgt Ion:167 Resp: 251531

Ion	Ratio	Lower	Upper
167	100		
72	91.2	95.0	142.6#
165	54.5	40.4	60.6



Manual Integration Report

Data Path	: I:\8270\Mork\260102\	QMethod	: FS251209Mork.m
Data File	: AP90102.D	Operator	: Mork:jg
Date Inj'd	: 1/2/2026 11:32 am	Instrument	: Mork
Sample	: WG2161048-4,32,,AP9 12053	Quant Date	: 1/2/2026 11:53 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\8270\Mork\260102\
Data File : ADP0102.D
Acq On : 2 Jan 2026 11:52 am
Operator : Mork:jg
Sample : WG2161048-5,32,,ADP 12023 gmr1227A
Misc : WG2161048,,ical22888
ALS Vial : 98 Sample Multiplier: 1

Quant Time: Jan 02 12:38:14 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 12:38:41 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
32	I	IS3_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	75	0.00
33	T	1,4-Dioxane	0.399	0.396	0.8	80	0.00
34	T	n-Decane	0.806	0.715	11.3	68	0.00
86	I	IS3_Acenaphthene-d10	1.000	1.000	0.0	77	0.00
87	T	Atrazine	0.457	0.439	3.9	75	0.00
100	I	IS3_Phenanthrene-d10	1.000	1.000	0.0	77	0.00
101	T	n-Octadecane	0.247	0.256	-3.6	85	0.00
102	T	Parathion	0.097	0.141	-45.4#	105	0.00
103	T	3,3'-Dimethylbenzidine	0.882	0.864	2.0	73	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260102\
Data File : ADP0102.D
Acq On : 2 Jan 2026 11:52 am
Operator : Mork:jg
Sample : WG2161048-5,32,,ADP 12023 gmr1227A
Misc : WG2161048,,ical22888
ALS Vial : 98 Sample Multiplier: 1

Quant Time: Jan 02 12:38:14 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 12:38:41 2026
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.273	152	83428	40.000	ug/ml	0.00
86) IS3_Acenaphthene-d10	5.858	164	184014	40.000	ug/ml	0.00
100) IS3_Phenanthrene-d10	7.121	188	413356	40.000	ug/ml	0.00
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	0.987	88	41340	49.686	ug/ml#	88
34) n-Decane	3.184	57	74546	44.355	ug/ml#	88
87) Atrazine	6.963	200	101072	48.114	ug/ml#	89
101) n-Octadecane	7.139	57	132452	51.838	ug/ml	91
102) Parathion	7.844	109	72611	72.318	ug/ml	95
103) 3,3'-Dimethylbenzidine	8.954	212	446282	48.978	ug/ml	97

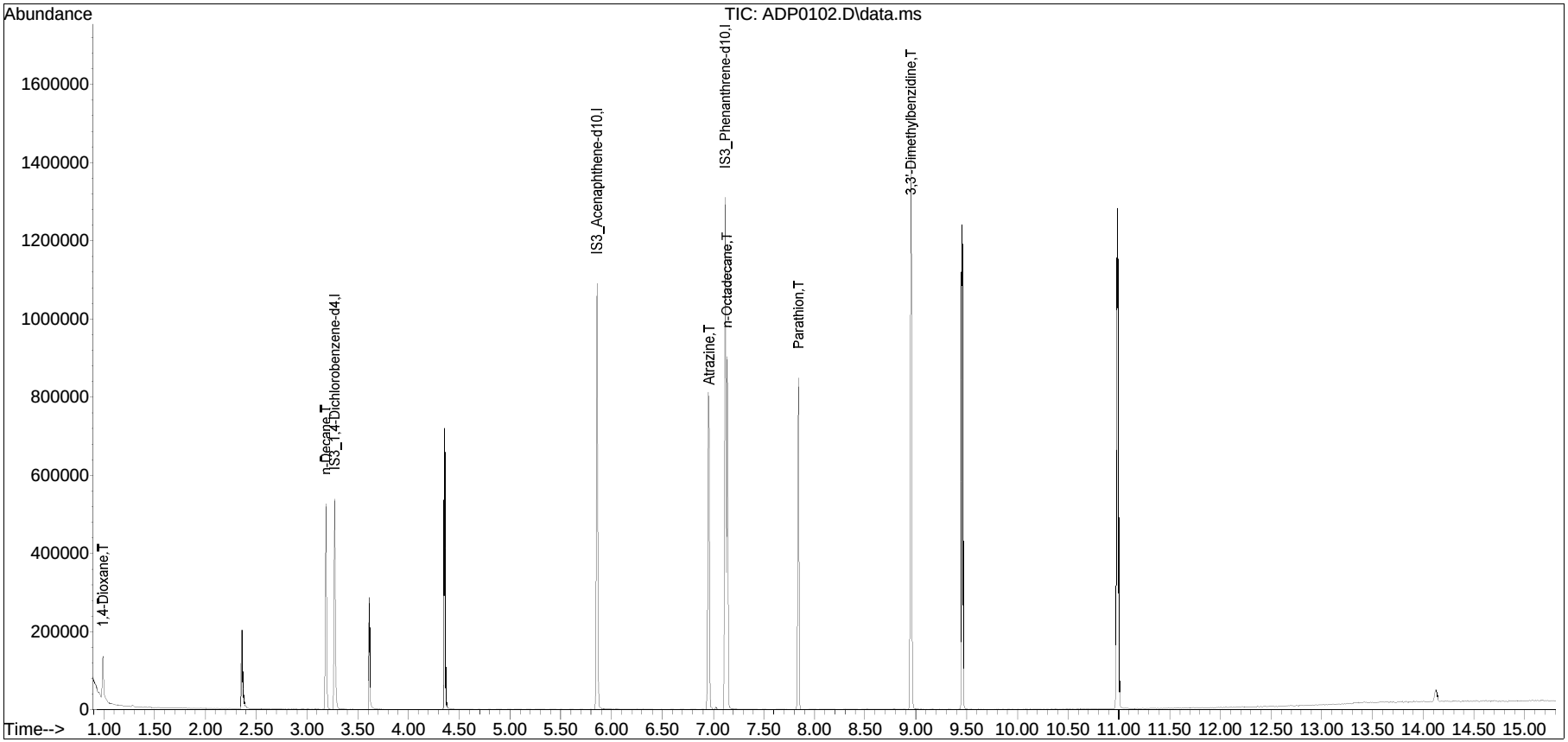
(#) = qualifier out of range (m) = manual integration (+) = signals summed

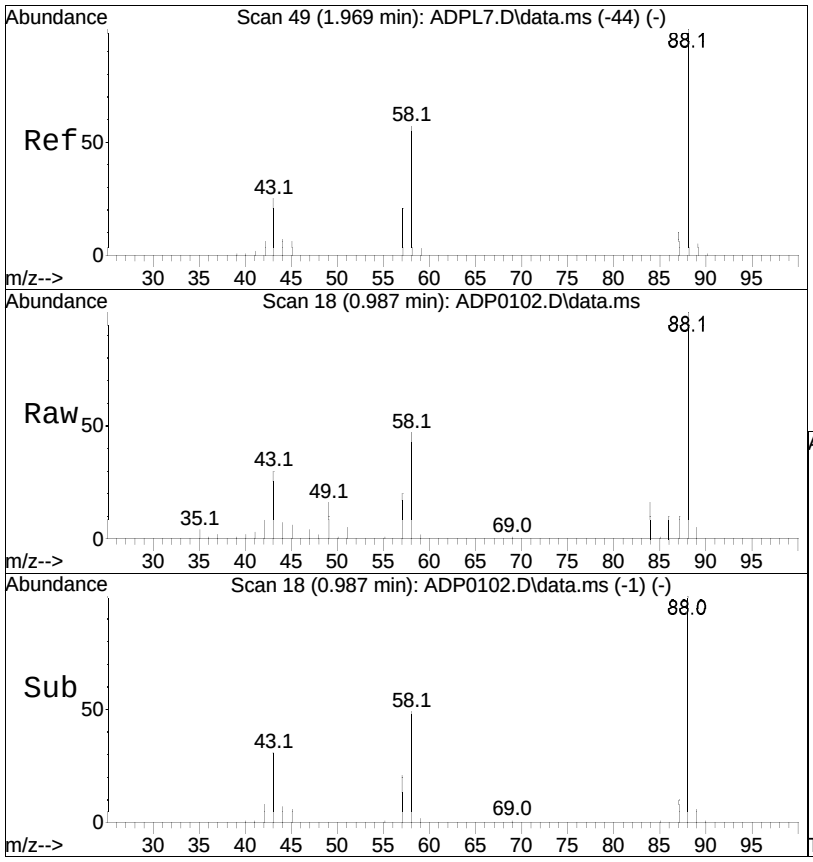
Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260102\
Data File : ADP0102.D
Acq On : 2 Jan 2026 11:52 am
Operator : Mork:jg
Sample : WG2161048-5,32,,ADP 12023 gmr1227A
Misc : WG2161048,,ical22888
ALS Vial : 98 Sample Multiplier: 1

Quant Time: Jan 02 12:38:14 2026
Quant Method : I:\8270\Mork\260102\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 02 12:38:41 2026
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublist

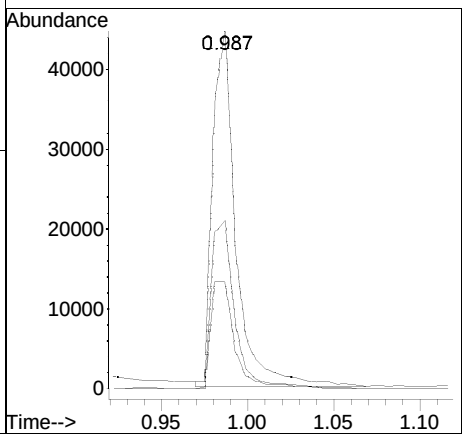


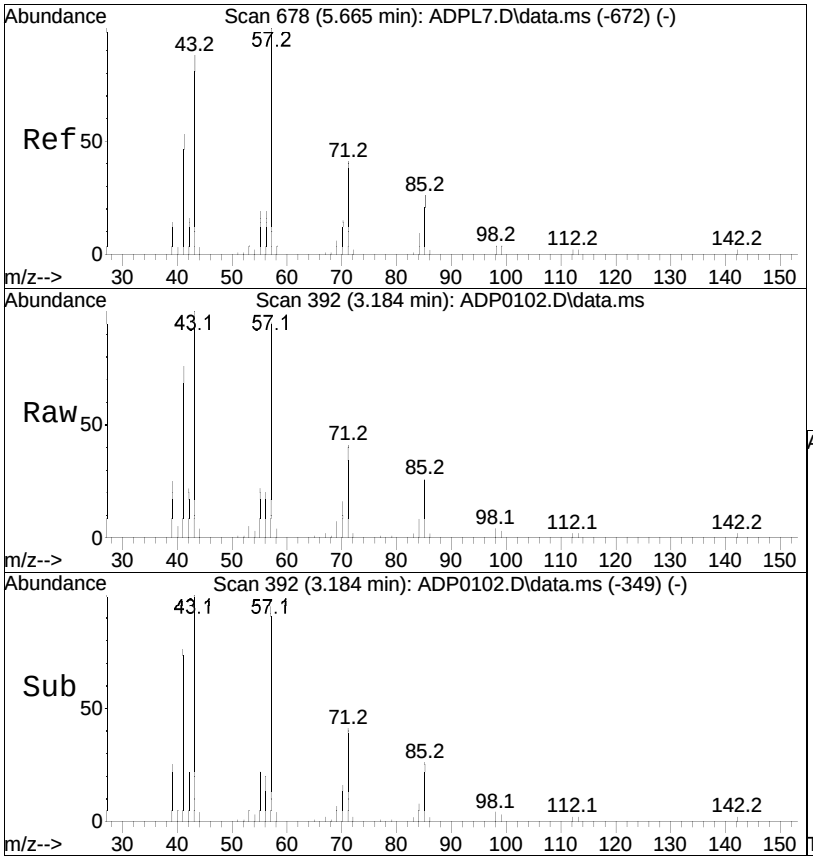


#33
1,4-Dioxane
Concen: 49.69 ug/ml
RT: 0.987 min Scan# 18
Delta R.T. 0.000 min
Lab File: ADP0102.D
Acq: 2 Jan 2026 11:52 am

Tgt Ion: 88 Resp: 41340

Ion	Ratio	Lower	Upper
88	100		
58	47.3	44.8	67.2
43	32.0	20.8	31.2#

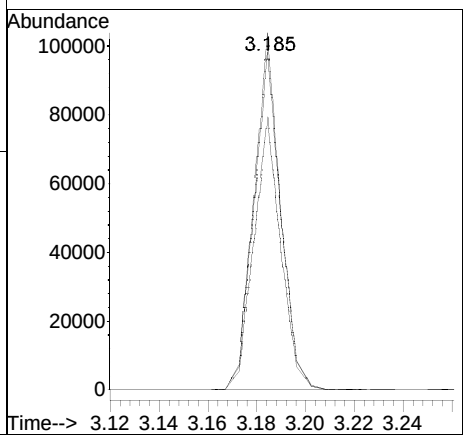


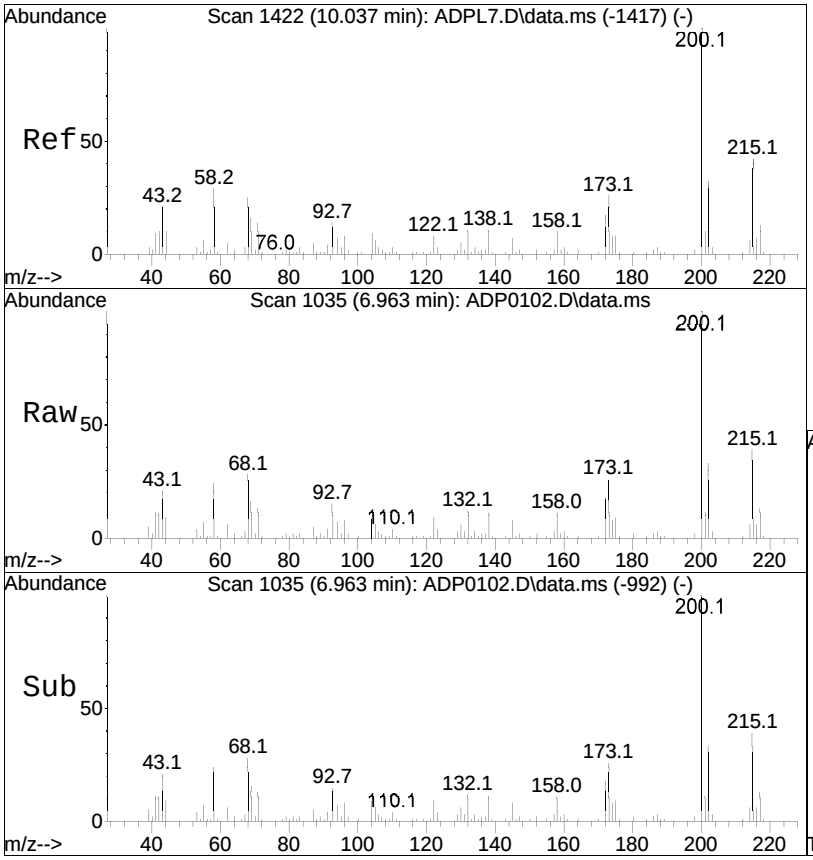


#34
n-Decane
Concen: 44.35 ug/ml
RT: 3.184 min Scan# 392
Delta R.T. 0.000 min
Lab File: ADP0102.D
Acq: 2 Jan 2026 11:52 am

Tgt Ion: 57 Resp: 74546

Ion	Ratio	Lower	Upper
57	100		
43	104.8	84.2	126.2
41	81.1	45.8	68.8#

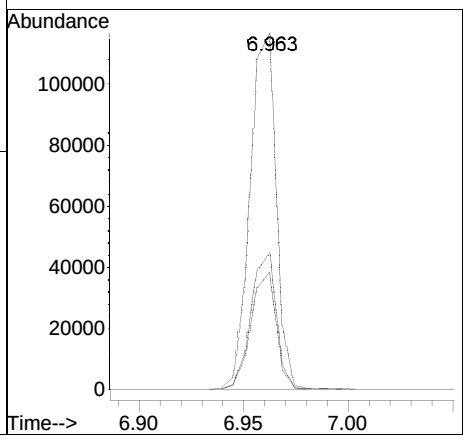


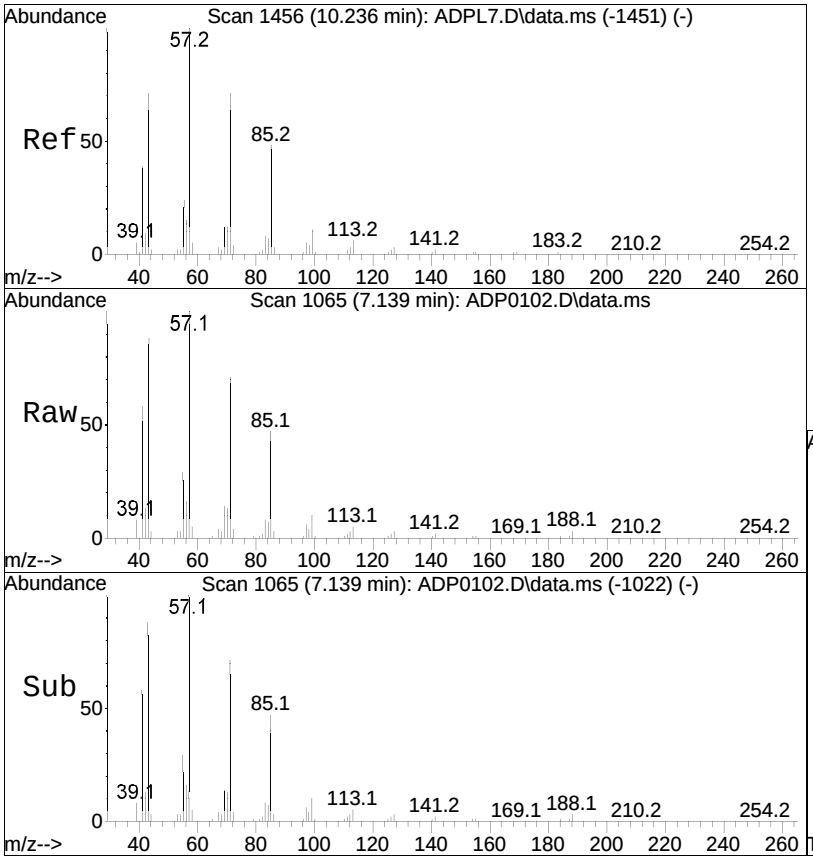


#87
Atrazine
Concen: 48.11 ug/ml
RT: 6.963 min Scan# 1035
Delta R.T. 0.000 min
Lab File: ADP0102.D
Acq: 2 Jan 2026 11:52 am

Tgt Ion:200 Resp: 101072

Ion	Ratio	Lower	Upper
200	100		
202	32.0	25.8	38.8
215	37.6	40.3	60.5#

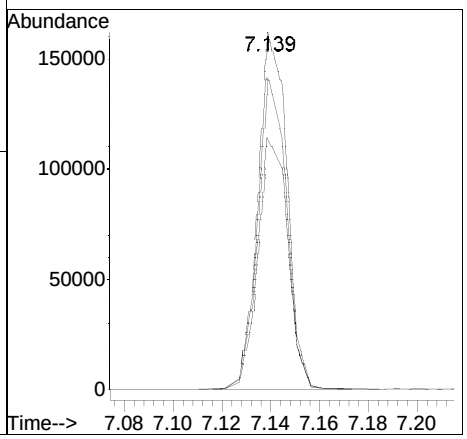


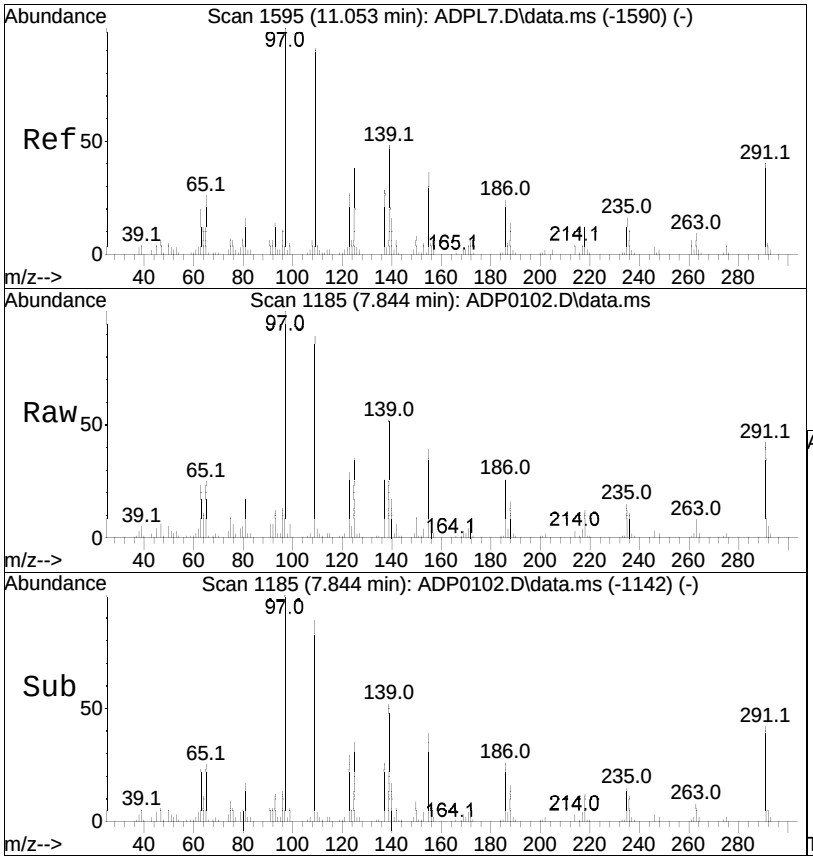


#101
n-Octadecane
Concen: 51.84 ug/ml
RT: 7.139 min Scan# 1065
Delta R.T. 0.000 min
Lab File: ADP0102.D
Acq: 2 Jan 2026 11:52 am

Tgt Ion: 57 Resp: 132452

Ion	Ratio	Lower	Upper
57	100		
43	86.5	65.0	97.4
71	72.6	50.5	75.7

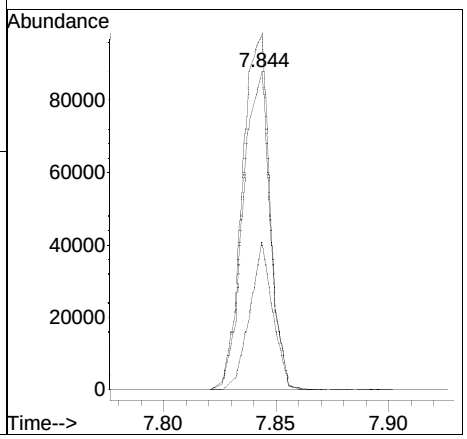


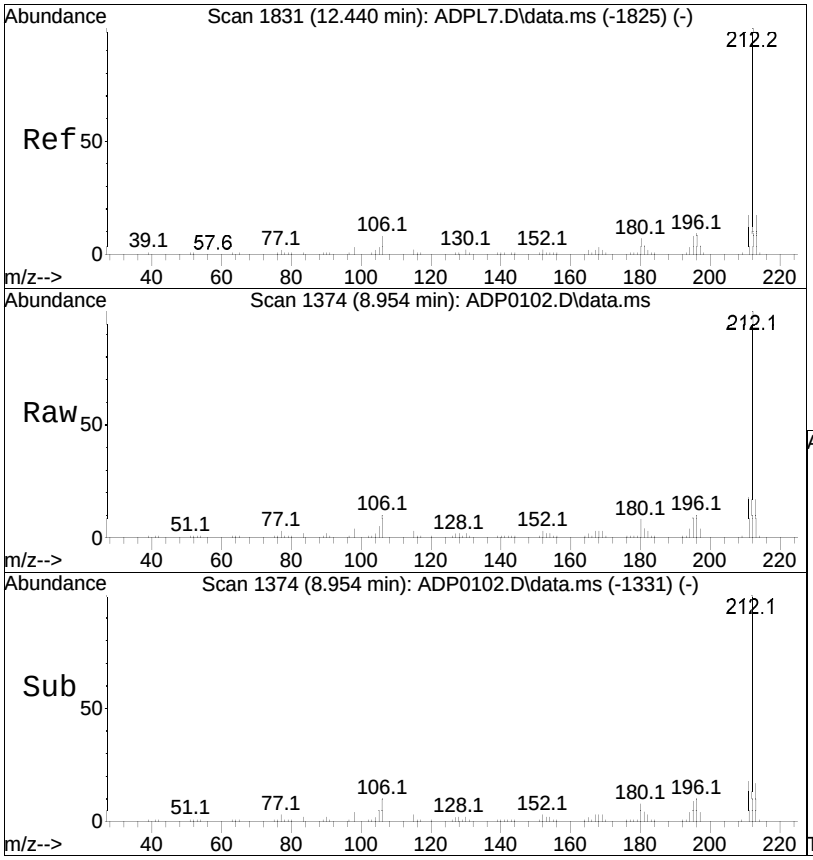


#102
Parathion
Concen: 72.32 ug/ml
RT: 7.844 min Scan# 1185
Delta R.T. 0.000 min
Lab File: ADP0102.D
Acq: 2 Jan 2026 11:52 am

Tgt Ion:109 Resp: 72611

Ion	Ratio	Lower	Upper
109	100		
97	114.1	88.6	133.0
291	40.0	36.5	54.7

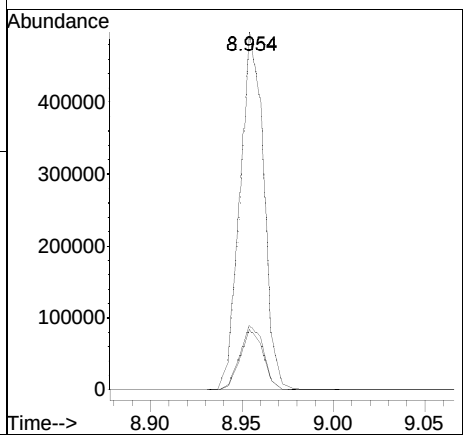




#103
3,3'-Dimethylbenzidine
Concen: 48.98 ug/ml
RT: 8.954 min Scan# 1374
Delta R.T. 0.000 min
Lab File: ADP0102.D
Acq: 2 Jan 2026 11:52 am

Tgt Ion:212 Resp: 446282

Ion	Ratio	Lower	Upper
212	100		
211	18.2	13.2	19.8
213	16.6	13.9	20.9



Manual Integration Report

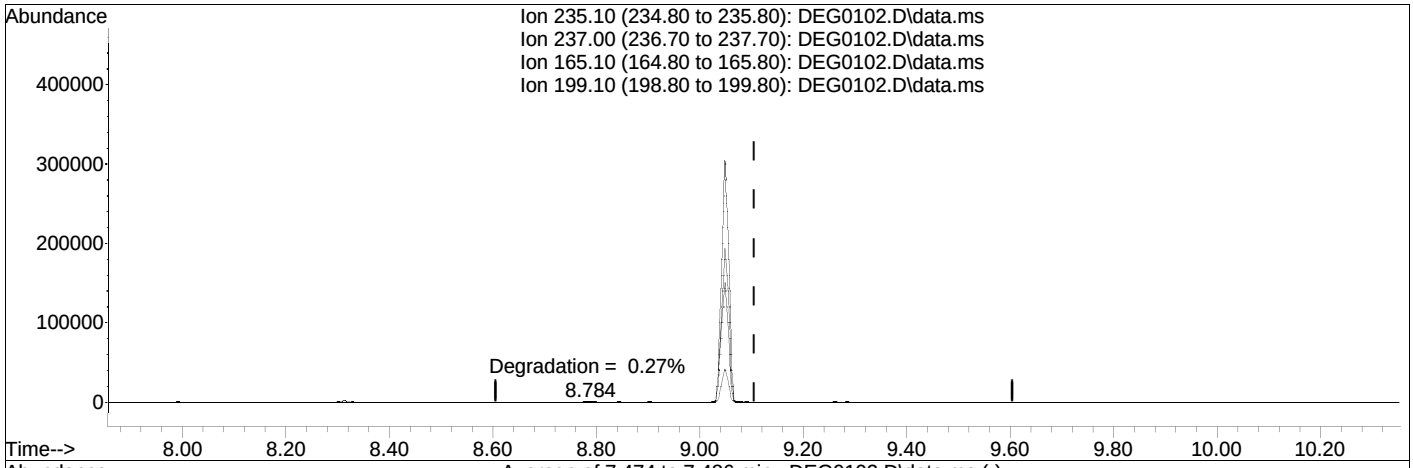
Data Path	: I:\8270\Mork\260102\	QMethod	: FS251209Mork.m
Data File	: ADP0102.D	Operator	: Mork:jg
Date Inj'd	: 1/2/2026 11:52 am	Instrument	: Mork
Sample	: WG2161048-5,32,,ADP 12023	Quant Date	: 1/2/2026 12:38 pm

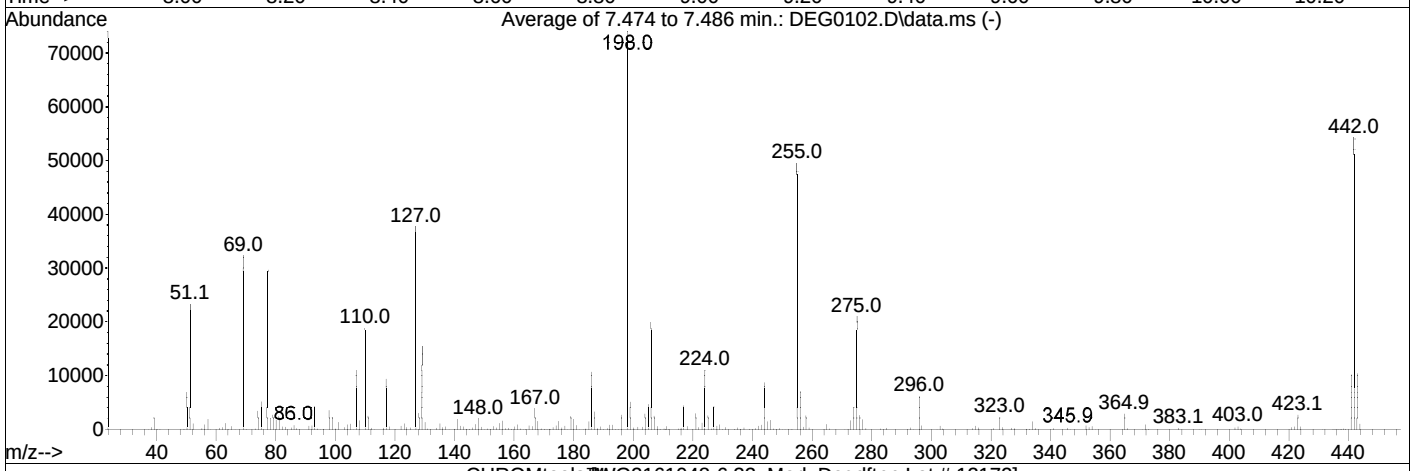
There are no manual integrations or false positives in this file.

Quantitation Report (Qedit)

Data Path : I:\8270\Mork\260102\
Data File : DEG0102.D
Acq On : 2 Jan 2026 10:53 am
Operator : Mork:jg
Sample : WG2161048-2,32,,Mork Degdftpp Lot # 12172
Misc : WG2161048,,ical22888
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Jan 02 11:28:05 2026
Quant Method : I:\8270\Mork\260102\DftppMork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 31 11:51:18 2025
Response via : Initial Calibration





CHROMtools [WG2161048-6,32,,Mork Degdftpp Lot # 12172]

(6) DDT (T)

9.048min (-0.057) 44.52

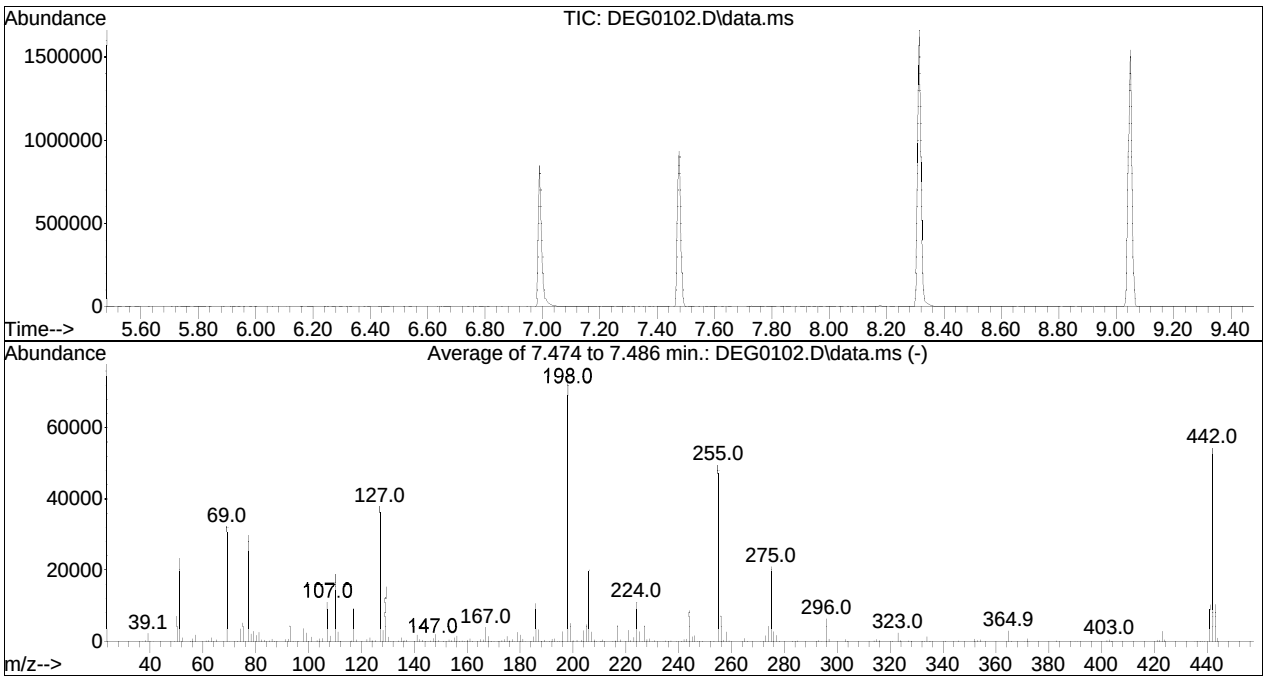
response 271376

Ion	Exp%	Act%
235.10	100.00	100.00
237.00	66.20	64.24
165.10	43.90	49.61
199.10	13.50	13.83

Data Path : I:\8270\Mork\260102\
Data File : DEG0102.D
Acq On : 2 Jan 2026 10:53 am
Operator : Mork:gmr
Sample : WG2161048-1,32,,Mork Degdftpp Lot # 12172
Misc : WG2161048,,ical22888
ALS Vial : 100 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\Mork\260102\FS251209Mork.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Fri Jan 02 11:30:25 2026



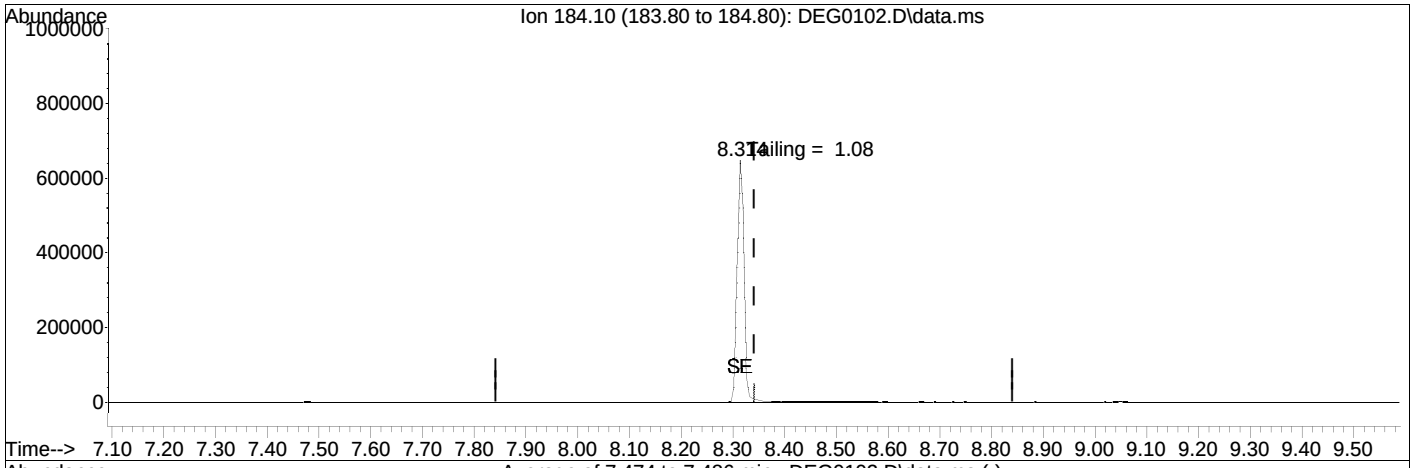
Spectrum Information: Average of 7.474 to 7.486 min.

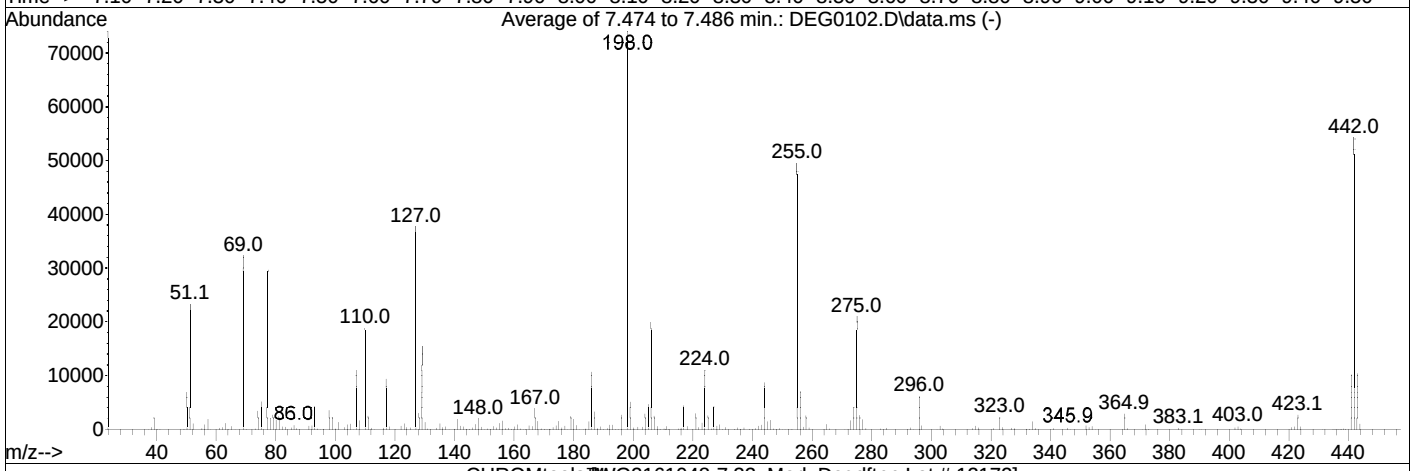
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	31.5	23324	PASS
68	69	0.00	2	0.0	0	PASS
69	69	100	100	100.0	32265	PASS
70	69	0.00	2	0.4	130	PASS
127	198	10	80	50.9	37686	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	74072	PASS
199	198	5	9	6.9	5106	PASS
275	198	10	60	28.3	20929	PASS
365	198	1	100	3.9	2873	PASS
441	442	0.01	24	18.9	10250	PASS
442	198	50	100	73.2	54224	PASS
443	442	15	24	19.2	10423	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\Mork\260102\
Data File : DEG0102.D
Acq On : 2 Jan 2026 10:53 am
Operator : Mork:jg
Sample : WG2161048-6,32,,Mork Degdftpp Lot # 12172
Misc : WG2161048,,ical22888
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Jan 02 11:28:05 2026
Quant Method : I:\8270\Mork\260102\DftppMork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 31 11:51:18 2025
Response via : Initial Calibration





CHROMtools [WG2161048-7,32,,Mork Degdftpp Lot # 12172]

(3) Benzidine (T)

8.314min (-0.027) 55.41

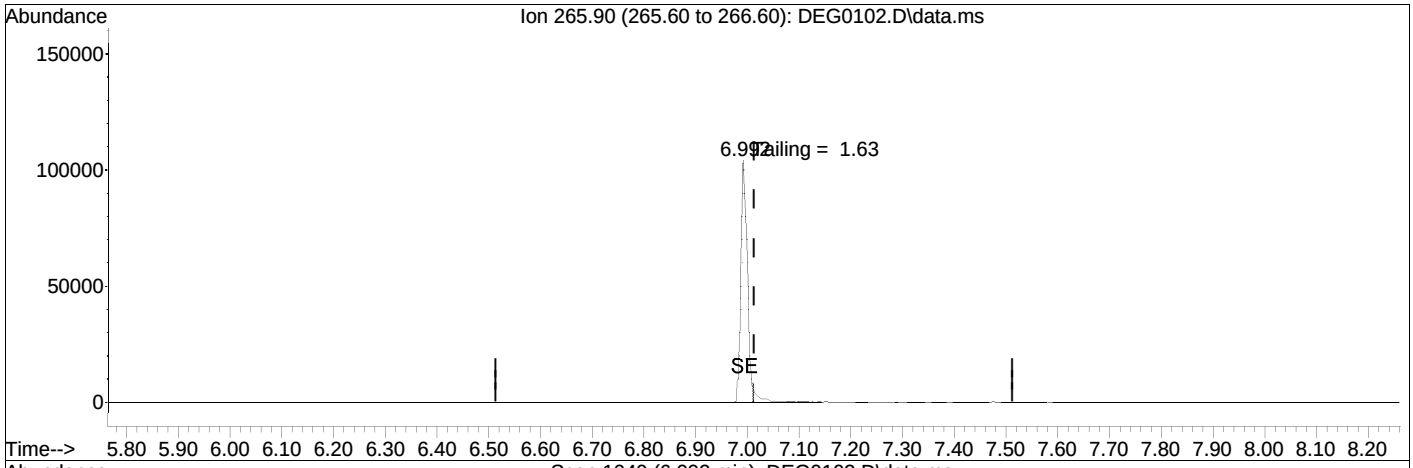
response 564050

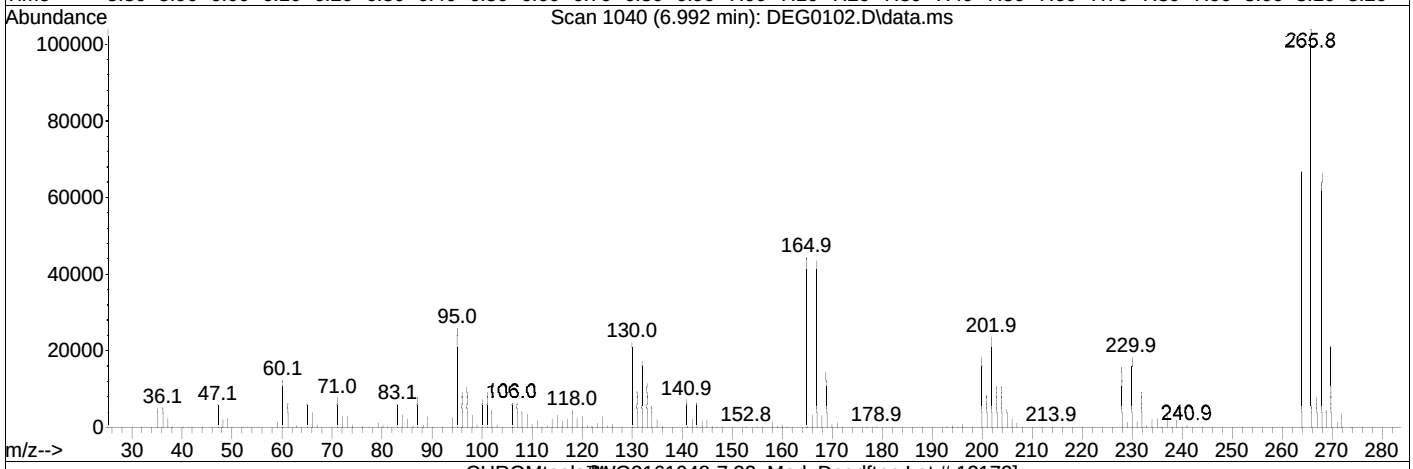
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\Mork\260102\
Data File : DEG0102.D
Acq On : 2 Jan 2026 10:53 am
Operator : Mork:jg
Sample : WG2161048-7,32,,Mork Degdftpp Lot # 12172
Misc : WG2161048,,ical22888
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Jan 02 11:28:05 2026
Quant Method : I:\8270\Mork\260102\DftppMork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 31 11:51:18 2025
Response via : Initial Calibration





CHROMtools [WG2161048-7,32,,Mork Degdftpp Lot # 12172]

(1) Pentachlorophenol (T)

6.992min (-0.021) 42.10

response 88431

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV103\260103\
Data File : ABN0103.D
Acq On : 3 Jan 2026 7:34 am
Operator : SV103:cmm
Sample : WG2161293-3,32,,ABN 12168 gmr1227A
Misc : WG2161293,,ical22827
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Jan 03 08:10:20 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:10:51 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	IS1_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
2	t	n-Nitrosodimethylamine	0.761	0.865	-13.7	116	0.00
3	t	Pyridine	1.303	1.470	-12.8	116	0.00
4	S	2-Fluorophenol	1.148	1.185	-3.2	105	0.00
5	T	Aniline	1.971	2.055	-4.3	108	0.00
6	t	2-Chlorophenol	1.280	1.343	-4.9	108	0.00
7	S	Phenol-d6	1.410	1.533	-8.7	111	0.00
8	T	Phenol	1.673	1.696	-1.4	104	0.00
9	T	Bis(2-chloroethyl)ether	1.218	1.243	-2.1	108	0.00
10	T	1,3-Dichlorobenzene	1.566	1.501	4.2	101	0.00
11	T	1,4-Dichlorobenzene	1.568	1.520	3.1	102	0.00
12	T	1,2-Dichlorobenzene	1.489	1.455	2.3	103	0.00
13	t	Benzyl alcohol	0.988	1.174	-18.8	118	0.00
14	T	Bis(2-chloroisopropyl)ether	1.699	2.399	-41.2#	149	0.00
15	T	2-Methylphenol	1.121	1.199	-7.0	110	0.00
16	T	Hexachloroethane	0.555	0.593	-6.8	112	0.00
17	T	n-Nitrosodi-n-propylamine	0.876	1.036	-18.3	120	0.00
18	T	3-Methylphenol/4-Methylphen	1.191	1.266	-6.3	108	0.00
19	S	Nitrobenzene-d5	1.178	1.420	-20.5#	120	0.00
20	T	Nitrobenzene	1.235	1.441	-16.7	115	0.00
21	T	Isophorone	2.381	2.730	-14.7	117	0.00
22	T	2-Nitrophenol	0.561	0.734	-30.8#	126	0.00
23	T	2,4-Dimethylphenol	1.259	1.378	-9.5	111	0.00
24	T	Bis(2-chloroethoxy)methane	1.558	1.657	-6.4	111	0.00
25	T	2,4-Dichlorophenol	1.144	1.219	-6.6	106	0.00
26	T	1,2,4-Trichlorobenzene	1.352	1.323	2.1	104	0.00
35	I	IS1_Naphthalene-d8	1.000	1.000	0.0	107	0.00
36	T	Naphthalene	1.041	0.992	4.7	104	0.00
37	T	Benzoic Acid	0.233	0.294	-26.2#	134	0.00
38	T	4-Chloroaniline	0.128	0.146	-14.1	120	0.00
39	T	Hexachlorobutadiene	0.226	0.207	8.4	101	0.00
40	T	p-Chloro-m-cresol	0.287	0.319	-11.1	112	0.00
41	T	2-Methylnaphthalene	0.652	0.638	2.1	105	0.00
42	T	1-Methylnaphthalene	0.231	0.239	-3.5	111	0.00
43	T	Hexachlorocyclopentadiene	0.227	0.218	4.0	96	0.00
44	T	2,4,6-Trichlorophenol	0.220	0.239	-8.6	107	0.00
45	T	2,4,5-Trichlorophenol	0.242	0.258	-6.6	106	0.00
46	S	2-Fluorobiphenyl	0.834	0.794	4.8	103	0.00

Data Path : I:\8270\SV103\260103\
Data File : ABN0103.D
Acq On : 3 Jan 2026 7:34 am
Operator : SV103:cmm
Sample : WG2161293-3,32,,ABN 12168 gmr1227A
Misc : WG2161293,,ical22827
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Jan 03 08:10:20 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:10:51 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
47	T	2-Chloronaphthalene		0.714	0.695	2.7	106	0.00
48	T	2-Nitroaniline		0.196	0.232	-18.4	116	0.00
49	T	1,4-Dinitrobenzene		0.093	0.113	-21.5#	122	0.00
50	T	1,3-Dinitrobenzene		0.107	0.119	-11.2	110	0.00
51	T	Dimethyl phthalate		0.836	0.815	2.5	102	0.00
52	T	Acenaphthylene		1.113	1.098	1.3	105	0.00
53	T	2,6-Dinitrotoluene		0.150	0.176	-17.3	109	0.00
54	T	1,2-Dinitrobenzene		0.064	0.076	-18.7	109	0.00
63	I	IS1_Acenaphthene-d10		1.000	1.000	0.0	106	0.00
64	T	3-Nitroaniline		0.319	0.358	-12.2	109	0.00
65	T	Acenaphthene		1.119	1.055	5.7	102	0.00
66	T	2,4-Dinitrophenol	*	50.000	66.309	-32.6#	153	0.00
67	T	Dibenzofuran		1.831	1.743	4.8	103	0.00
68	T	2,4-Dinitrotoluene		0.365	0.438	-20.0#	112	0.00
69	T	4-Nitrophenol		0.225	0.262	-16.4	114	0.00
70	T	2,3,5,6-Tetrachlorophenol		0.347	0.352	-1.4	99	0.00
71	T	2,3,4,6-Tetrachlorophenol		0.350	0.363	-3.7	100	0.00
72	T	Diethyl phthalate		1.436	1.484	-3.3	107	0.00
73	T	Fluorene		1.429	1.384	3.1	103	0.00
74	T	4-Chlorophenyl phenyl ether		0.726	0.665	8.4	98	0.00
75	T	4-Nitroaniline		0.298	0.337	-13.1	106	0.00
76	T	4,6-Dinitro-o-cresol		0.186	0.263	-41.4#	140	0.00
77	T	NDPA/DPA		1.217	1.155	5.1	101	0.00
78	T	Azobenzene		1.281	1.386	-8.2	113	0.00
79	S	2,4,6-Tribromophenol		0.201	0.223	-10.9	105	0.00
80	T	4-Bromophenyl phenyl ether		0.461	0.436	5.4	101	0.00
81	T	Hexachlorobenzene		0.534	0.505	5.4	103	0.00
82	T	Pentachlorophenol	*	50.000	42.620	14.8	93	0.00
88	I	IS1_Phenanthrene-d10		1.000	1.000	0.0	104	0.00
89	T	Phenanthrene		1.116	1.029	7.8	99	0.00
90	T	Anthracene		1.107	1.056	4.6	100	0.00
91	T	Carbazole		1.004	0.992	1.2	102	0.00
92	T	Di-n-butylphthalate		1.135	1.318	-16.1	109	0.00
93	T	Fluoranthene		1.251	1.198	4.2	96	0.00
94	T	Benzidine		0.813	0.841	-3.4	96	0.00
95	T	Pyrene		1.320	1.200	9.1	93	0.00
96	S	4-Terphenyl-d14		0.998	0.918	8.0	93	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV103\260103\
Data File : ABN0103.D
Acq On : 3 Jan 2026 7:34 am
Operator : SV103:cmm
Sample : WG2161293-3,32,,ABN 12168 gmr1227A
Misc : WG2161293,,ical22827
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Jan 03 08:10:20 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:10:51 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
97	T	Butyl benzyl phthalate		0.503	0.597	-18.7	111	0.00
104	I	IS1_Chrysene-d12		1.000	1.000	0.0	93	0.00
105	T	Benzo(a)anthracene		1.324	1.310	1.1	93	0.00
106	T	3,3'-Dichlorobenzidine		0.494	0.523	-5.9	90	0.00
107	T	Chrysene		1.246	1.143	8.3	88	0.00
108	T	Bis(2-ethylhexyl)phthalate		0.713	0.919	-28.9#	106	0.00
109	T	Di-n-octylphthalate	*	50.000	55.695	-11.4	108	0.00
110	T	Benzo(b)fluoranthene		1.288	1.303	-1.2	94	0.00
111	T	Benzo(k)fluoranthene		1.257	1.213	3.5	87	0.00
112	T	Benzo(a)pyrene		1.194	1.218	-2.0	91	0.00
113	I	IS1_Perylene-d12		1.000	1.000	0.0	92	0.00
114	T	Indeno(1,2,3-cd)pyrene		1.073	1.146	-6.8	92	0.00
115	T	Dibenzo(a,h)anthracene		1.079	1.107	-2.6	90	0.00
116	T	Benzo(ghi)perylene		1.066	1.095	-2.7	91	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\260103\
Data File : ABN0103.D
Acq On : 3 Jan 2026 7:34 am
Operator : SV103:cmm
Sample : WG2161293-3,32,,ABN 12168 gmr1227A
Misc : WG2161293,,ical22827
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Jan 03 08:10:20 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:10:51 2026
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.429	152	229319	40.000	ug/ml		0.00
35) IS1_Naphthalene-d8	4.713	136	878891	40.000	ug/ml		0.00
63) IS1_Acenaphthene-d10	6.401	164	498403	40.000	ug/ml		0.00
88) IS1_Phenanthrene-d10	7.796	188	991330	40.000	ug/ml	#	0.00
104) IS1_Chrysene-d12	10.308	240	937828	40.000	ug/ml		0.00
113) IS1_Perylene-d12	11.752	264	1017246	40.000	ug/ml		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	1.914	112	339775	51.612	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 103.22%				
7) Phenol-d6	3.179	99	439437	54.353	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 108.71%				
19) Nitrobenzene-d5	4.026	82	407016	60.283	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 241.13%#				
46) 2-Fluorobiphenyl	5.807	172	871966	47.565	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 190.26%#				
79) 2,4,6-Tribromophenol	7.160	330	138796	55.388	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 110.78%#				
96) 4-Terphenyl-d14	9.373	244	1137511	46.009	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 184.04%#				
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	0.869	74	247861	56.803	ug/ml		95
3) Pyridine	0.877	79	421468	56.421	ug/ml		95
5) Aniline	3.096	93	589002	52.128	ug/ml		93
6) 2-Chlorophenol	3.213	128	385011	52.474	ug/ml		93
8) Phenol	3.193	94	486287	50.692	ug/ml#		87
9) Bis(2-chloroethyl)ether	3.224	93	356335	51.030	ug/ml#		57
10) 1,3-Dichlorobenzene	3.358	146	430247	47.918	ug/ml		97
11) 1,4-Dichlorobenzene	3.446	146	435816	48.481	ug/ml		96
12) 1,2-Dichlorobenzene	3.594	146	417134	48.858	ug/ml		96
13) Benzyl alcohol	3.648	79	336620	59.440	ug/ml		99
14) Bis(2-chloroisopropyl)...	3.795	45	687535	70.566	ug/ml		97
15) 2-Methylphenol	3.818	108	343740	53.498	ug/ml		99
16) Hexachloroethane	3.926	117	170043	53.440	ug/ml#		78
17) n-Nitrosodi-n-propylamine	3.935	70	296889	59.140	ug/ml		96
18) 3-Methylphenol/4-Methy...	3.997	108	362954	53.142	ug/ml		99
20) Nitrobenzene	4.046	77	412988	58.331	ug/ml		98
21) Isophorone	4.313	82	782451	57.310	ug/ml		98
22) 2-Nitrophenol	4.367	139	210495	65.453	ug/ml		95

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\260103\
Data File : ABN0103.D
Acq On : 3 Jan 2026 7:34 am
Operator : SV103:cmm
Sample : WG2161293-3,32,,ABN 12168 gmr1227A
Misc : WG2161293,,ical22827
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Jan 03 08:10:20 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:10:51 2026
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) 2,4-Dimethylphenol	4.509	107	395107	54.735	ug/ml	98
24) Bis(2-chloroethoxy)met...	4.585	93	474930	53.175	ug/ml#	97
25) 2,4-Dichlorophenol	4.631	162	349339	53.271	ug/ml	96
26) 1,2,4-Trichlorobenzene	4.679	180	379228	48.939	ug/ml	97
36) Naphthalene	4.733	128	1089958	47.649	ug/ml	99
37) Benzoic Acid	4.727	105	323363M1	63.135	ug/ml	
38) 4-Chloroaniline	4.844	65	160824	57.052	ug/ml	96
39) Hexachlorobutadiene	4.892	225	227445	45.760	ug/ml	99
40) p-Chloro-m-cresol	5.390	107	350444	55.539	ug/ml	99
41) 2-Methylnaphthalene	5.418	142	701053	48.929	ug/ml	97
42) 1-Methylnaphthalene	5.506	115	262369	51.766	ug/ml	95
43) Hexachlorocyclopentadiene	5.580	237	239866	48.153	ug/ml	96
44) 2,4,6-Trichlorophenol	5.730	196	262175	54.251	ug/ml	95
45) 2,4,5-Trichlorophenol	5.762	196	283938	53.447	ug/ml	98
47) 2-Chloronaphthalene	5.875	162	763652	48.711	ug/ml	96
48) 2-Nitroaniline	6.020	138	255087	59.290	ug/ml	95
49) 1,4-Dinitrobenzene	6.191	168	123838	60.369	ug/ml	89
50) 1,3-Dinitrobenzene	6.262	168	130478	55.272	ug/ml#	64
51) Dimethyl phthalate	6.253	163	895559	48.763	ug/ml	99
52) Acenaphthylene	6.256	152	1205910	49.295	ug/ml	99
53) 2,6-Dinitrotoluene	6.287	165	193397	58.518	ug/ml	92
54) 1,2-Dinitrobenzene	6.322	168	83242	58.818	ug/ml#	22
64) 3-Nitroaniline	6.427	138	223127	56.157	ug/ml	94
65) Acenaphthene	6.429	154	657505	47.156	ug/ml	94
66) 2,4-Dinitrophenol	6.546	184	122849	66.309	ug/ml#	87
67) Dibenzofuran	6.600	168	1085765	47.594	ug/ml	93
68) 2,4-Dinitrotoluene	6.671	165	272600	59.865	ug/ml#	82
69) 4-Nitrophenol	6.674	65	163131	58.224	ug/ml	96
70) 2,3,5,6-Tetrachlorophenol	6.711	232	219018	50.598	ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	6.753	232	225859	51.797	ug/ml	99
72) Diethyl phthalate	6.932	149	924728	51.681	ug/ml	99
73) Fluorene	6.924	166	862246	48.433	ug/ml	97
74) 4-Chlorophenyl phenyl ...	6.969	204	414029	45.751	ug/ml	88
75) 4-Nitroaniline	7.009	138	209918	56.551	ug/ml	91
76) 4,6-Dinitro-o-cresol	7.057	198	164063	70.831	ug/ml#	84
77) NDPA/DPA	7.100	169	719778	47.450	ug/ml	96
78) Azobenzene	7.117	77	863694M6	54.118	ug/ml	
80) 4-Bromophenyl phenyl e...	7.424	248	271940	47.334	ug/ml#	89
81) Hexachlorobenzene	7.441	284	314382	47.211	ug/ml	97
82) Pentachlorophenol	7.657	266	171477	42.620	ug/ml	98
89) Phenanthrene	7.819	178	1275213	46.105	ug/ml	98

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\260103\
Data File : ABN0103.D
Acq On : 3 Jan 2026 7:34 am
Operator : SV103:cmm
Sample : WG2161293-3,32,,ABN 12168 gmr1227A
Misc : WG2161293,,ical22827
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Jan 03 08:10:20 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:10:51 2026
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Anthracene	7.867	178	1309021	47.692	ug/ml	97
91) Carbazole	8.060	167	1229591	49.420	ug/ml	98
92) Di-n-butylphthalate	8.501	149	1633005	58.038	ug/ml	99
93) Fluoranthene	8.938	202	1484947	47.911	ug/ml	98
94) Benzidine	9.137	184	1042158	51.748	ug/ml	99
95) Pyrene	9.137	202	1487045	45.447	ug/ml	98
97) Butyl benzyl phthalate	9.907	149	739777	59.297	ug/ml	94
105) Benzo(a)anthracene	10.300	228	1535954	49.462	ug/ml	98
106) 3,3'-Dichlorobenzidine	10.336	252	613614	52.966	ug/ml#	96
107) Chrysene	10.334	228	1340006	45.859	ug/ml	98
108) Bis(2-ethylhexyl)phtha...	10.521	149	1077137	64.419	ug/ml#	97
109) Di-n-octylphthalate	11.203	149	1868527	55.695	ug/ml	97
110) Benzo(b)fluoranthene	11.371	252	1527749	50.590	ug/ml	97
111) Benzo(k)fluoranthene	11.402	252	1422292	48.250	ug/ml	97
112) Benzo(a)pyrene	11.692	252	1427273	50.995	ug/ml	96
114) Indeno(1,2,3-cd)pyrene	12.837	276	1457201	53.414	ug/mL	97
115) Dibenzo(a,h)anthracene	12.880	278	1407900	51.302	ug/ml	97
116) Benzo(ghi)perylene	13.084	276	1392498	51.342	ug/ml#	91

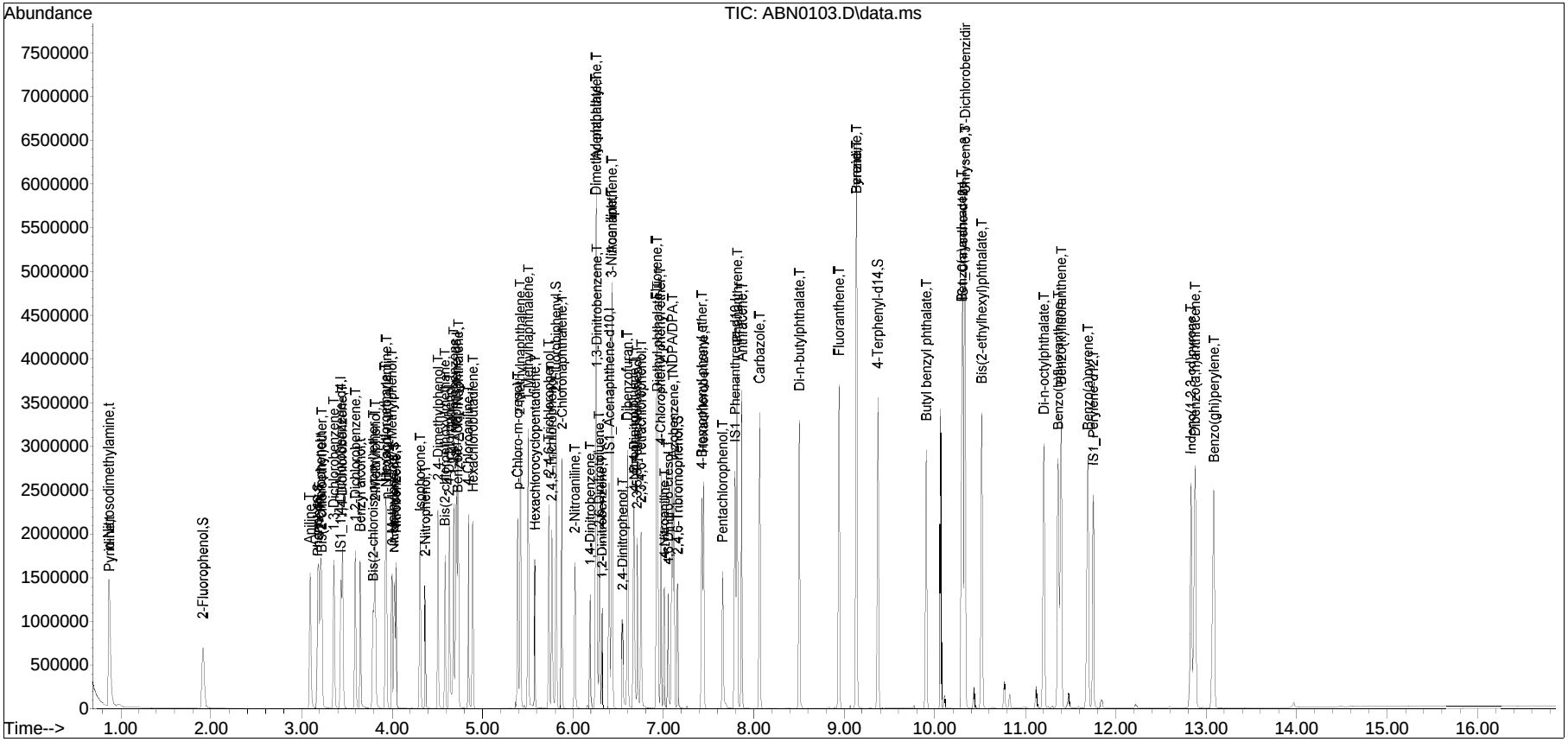
(#) = qualifier out of range (m) = manual integration (+) = signals summed

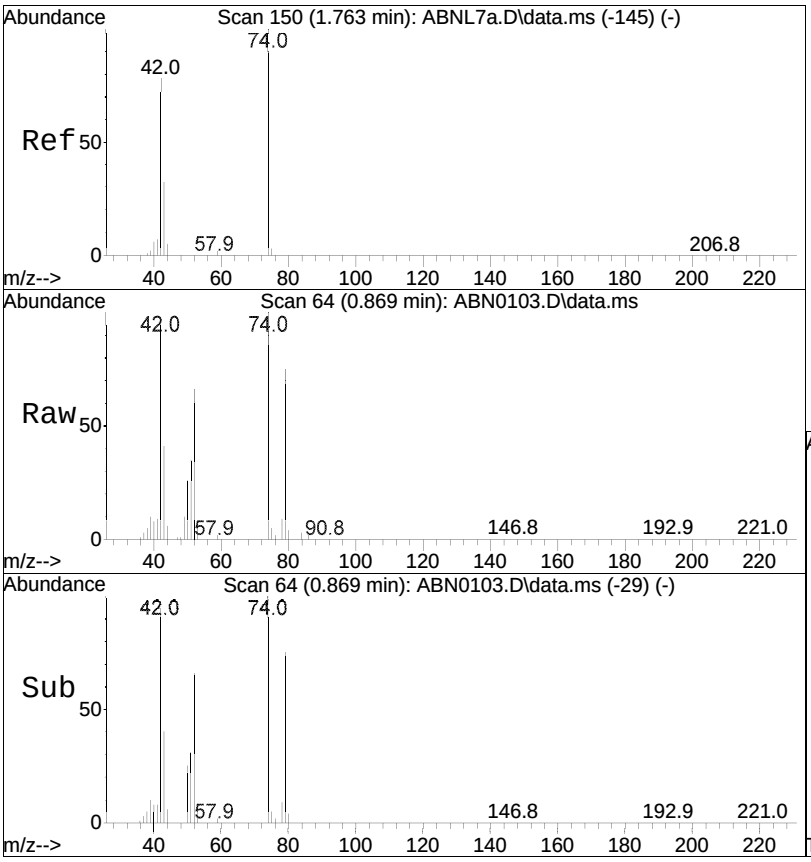
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\260103\
Data File : ABN0103.D
Acq On : 3 Jan 2026 7:34 am
Operator : SV103:cmm
Sample : WG2161293-3,32,,ABN 12168 gmr1227A
Misc : WG2161293,,ical22827
ALS Vial : 142 Sample Multiplier: 1

Quant Time: Jan 03 08:10:20 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:10:51 2026
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

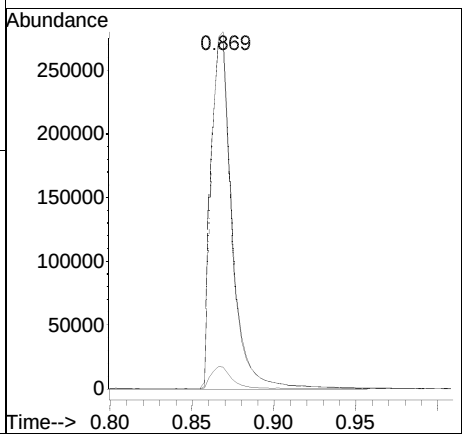


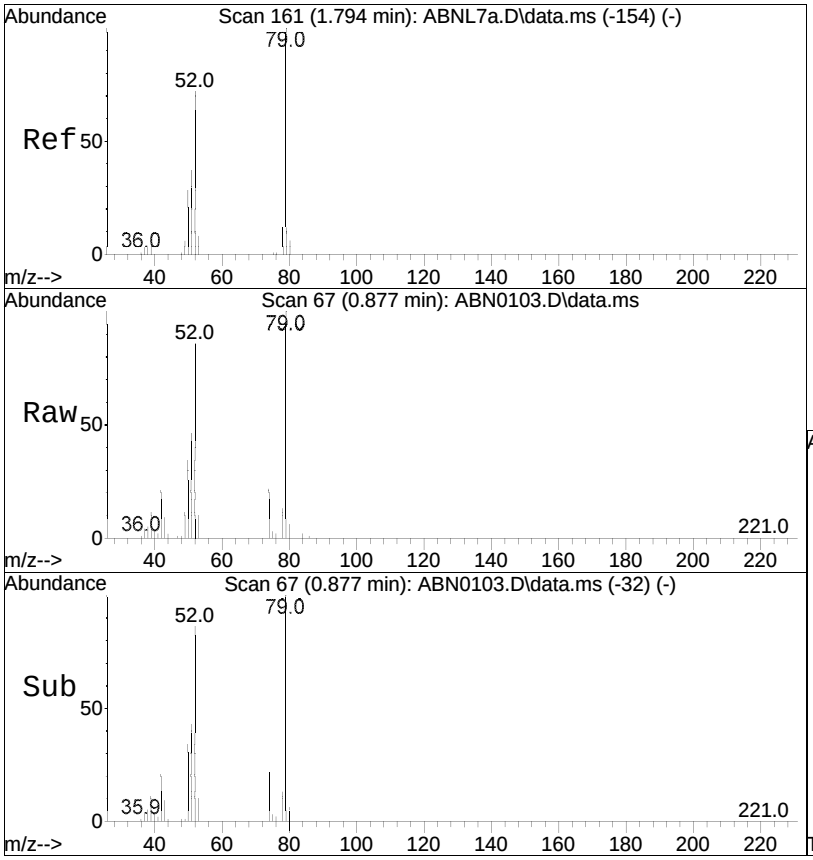


#2
n-Nitrosodimethylamine
Concen: 56.80 ug/ml
RT: 0.869 min Scan# 64
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion: 74 Resp: 247861

Ion	Ratio	Lower	Upper
74	100		
42	97.7	74.5	111.7
44	6.3	5.5	8.3

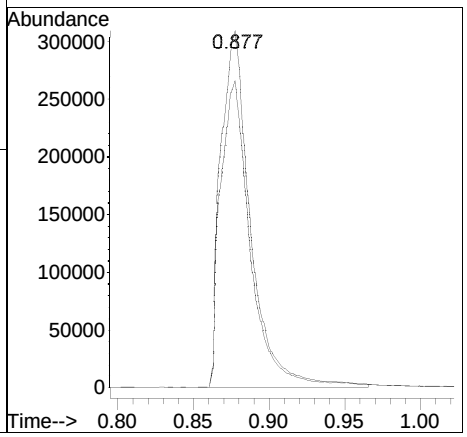


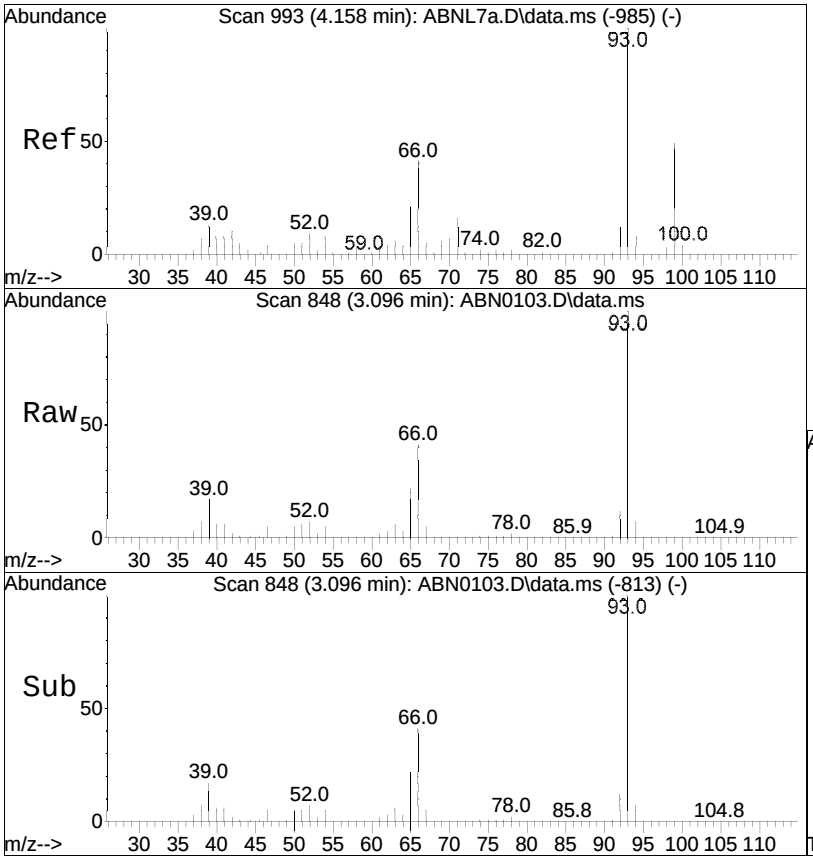


#3
Pyridine
Concen: 56.42 ug/ml
RT: 0.877 min Scan# 67
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion: 79 Resp: 421468

Ion	Ratio	Lower	Upper
79	100		
52	86.5	72.9	109.3

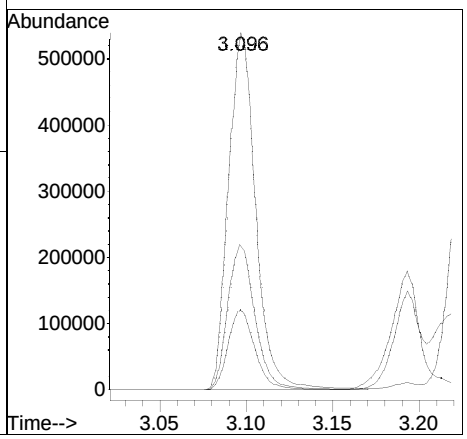


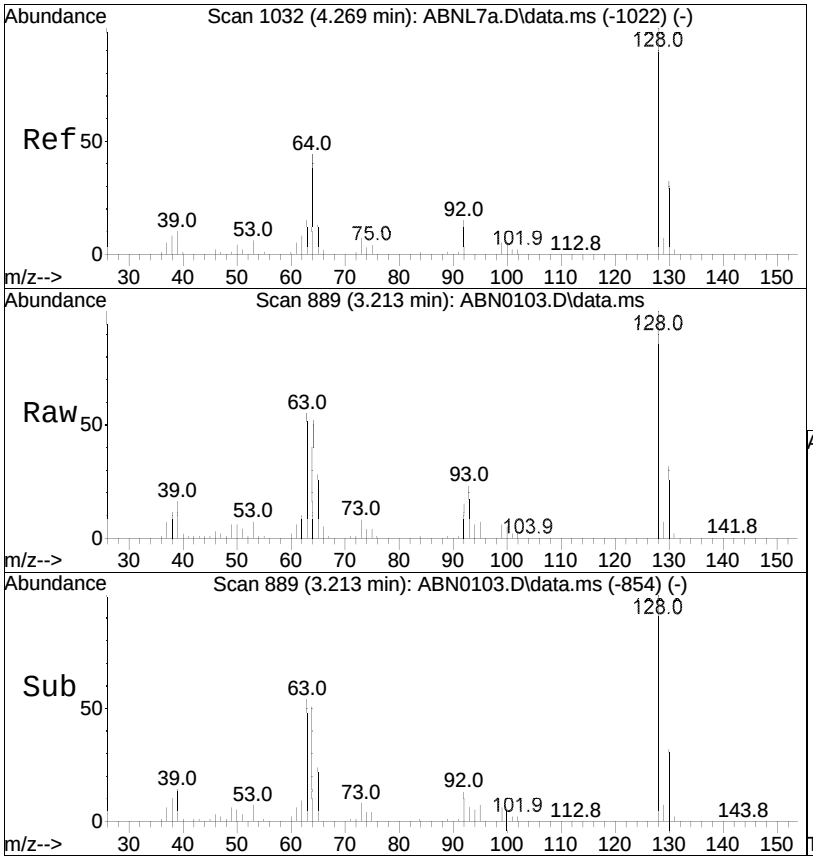


#5
Aniline
Concen: 52.13 ug/ml
RT: 3.096 min Scan# 848
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion: 93 Resp: 589002

Ion	Ratio	Lower	Upper
93	100		
66	40.9	37.3	55.9
65	22.2	16.7	25.1

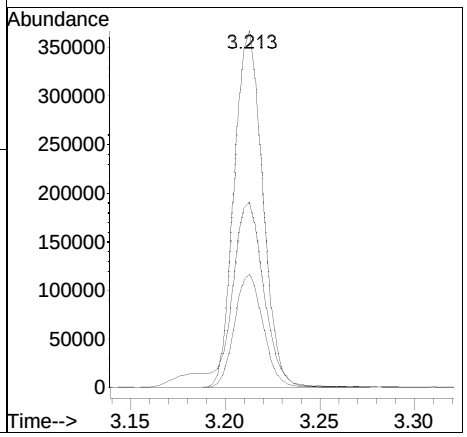


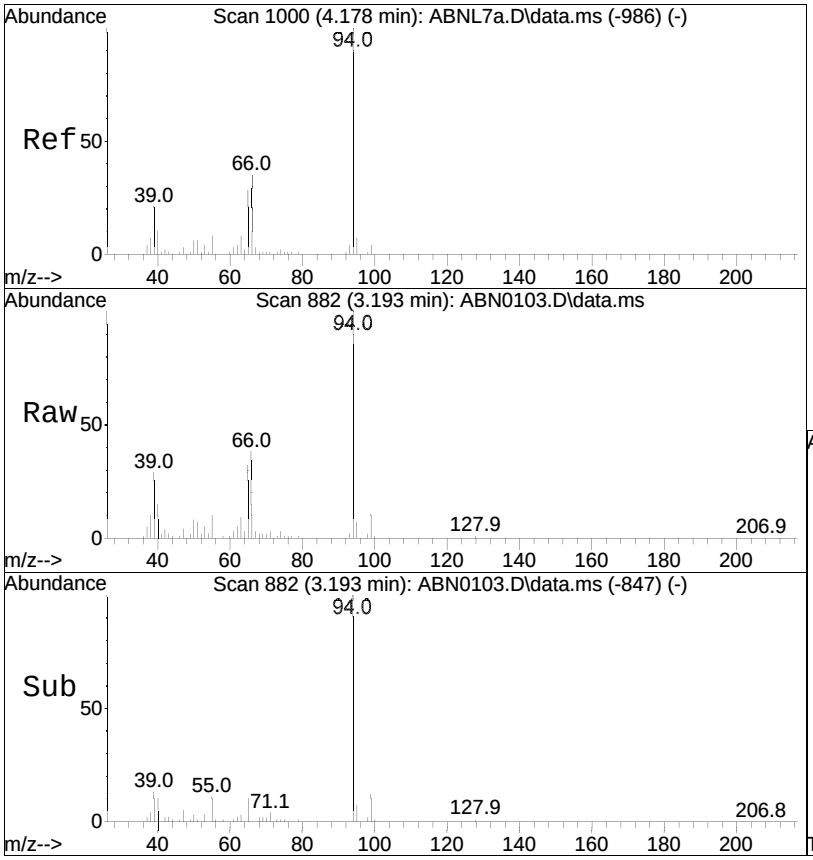


#6
2-Chlorophenol
Concen: 52.47 ug/ml
RT: 3.213 min Scan# 889
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:128 Resp: 385011

Ion	Ratio	Lower	Upper
128	100		
64	61.2	42.7	64.1
130	32.0	25.8	38.6

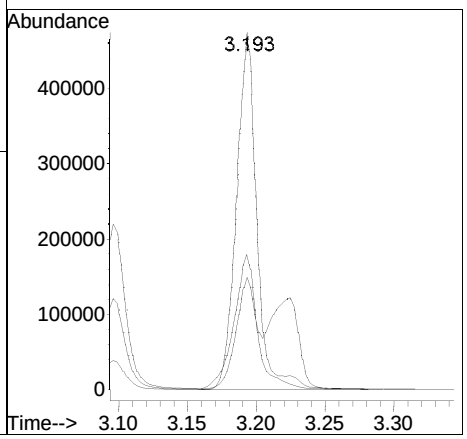


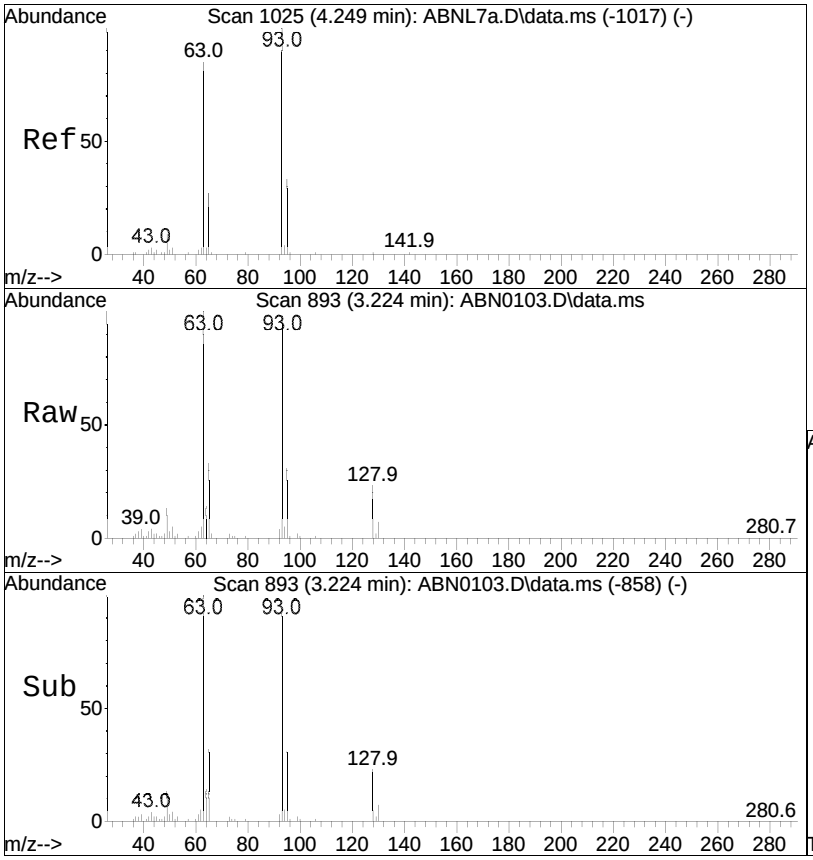


#8
Phenol
Concen: 50.69 ug/ml
RT: 3.193 min Scan# 882
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion: 94 Resp: 486287

Ion	Ratio	Lower	Upper
94	100		
65	32.4	20.5	30.7#
66	43.6	0.0	0.0#

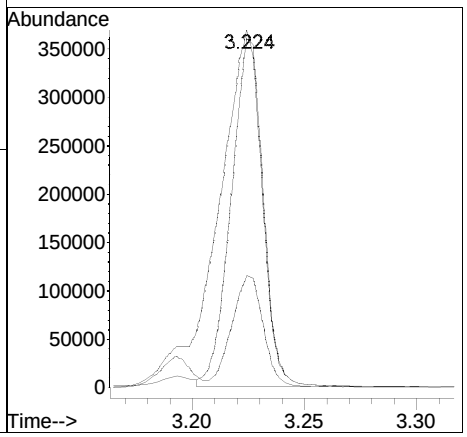


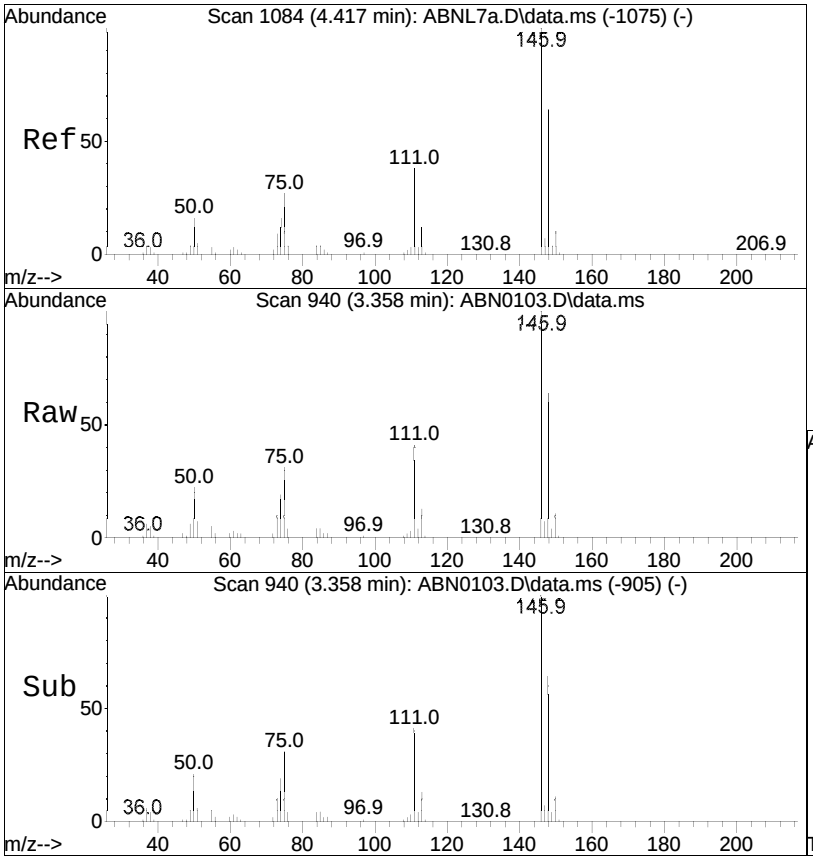


#9
Bis(2-chloroethyl)ether
Concen: 51.03 ug/ml
RT: 3.224 min Scan# 893
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion: 93 Resp: 356335

Ion	Ratio	Lower	Upper
93	100		
63	142.1	70.4	105.6#
95	32.2	25.8	38.6

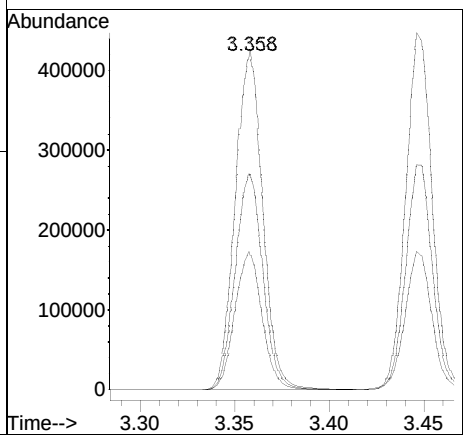


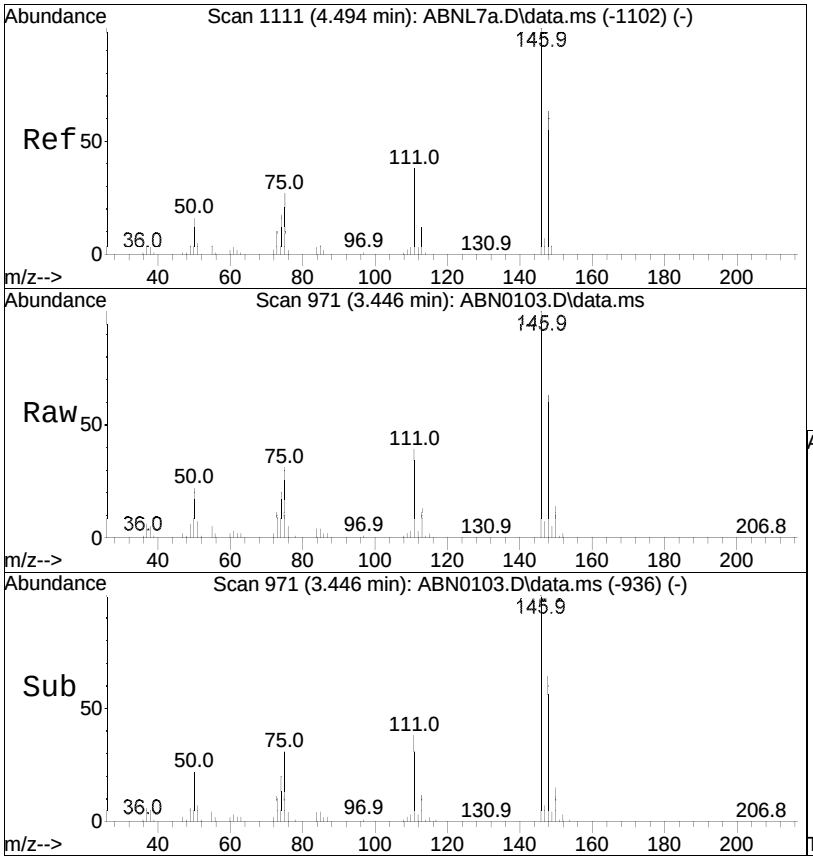


#10
1,3-Dichlorobenzene
Concen: 47.92 ug/ml
RT: 3.358 min Scan# 940
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:146 Resp: 430247

Ion	Ratio	Lower	Upper
146	100		
111	40.4	35.8	53.6
148	64.1	51.2	76.8

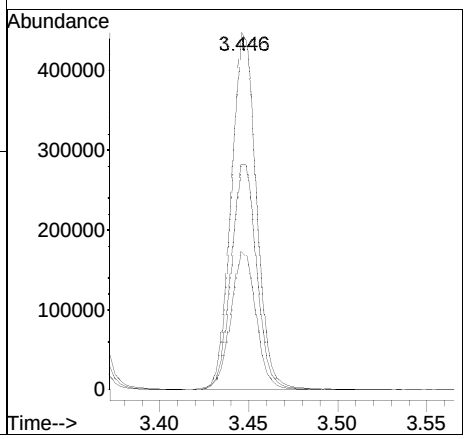


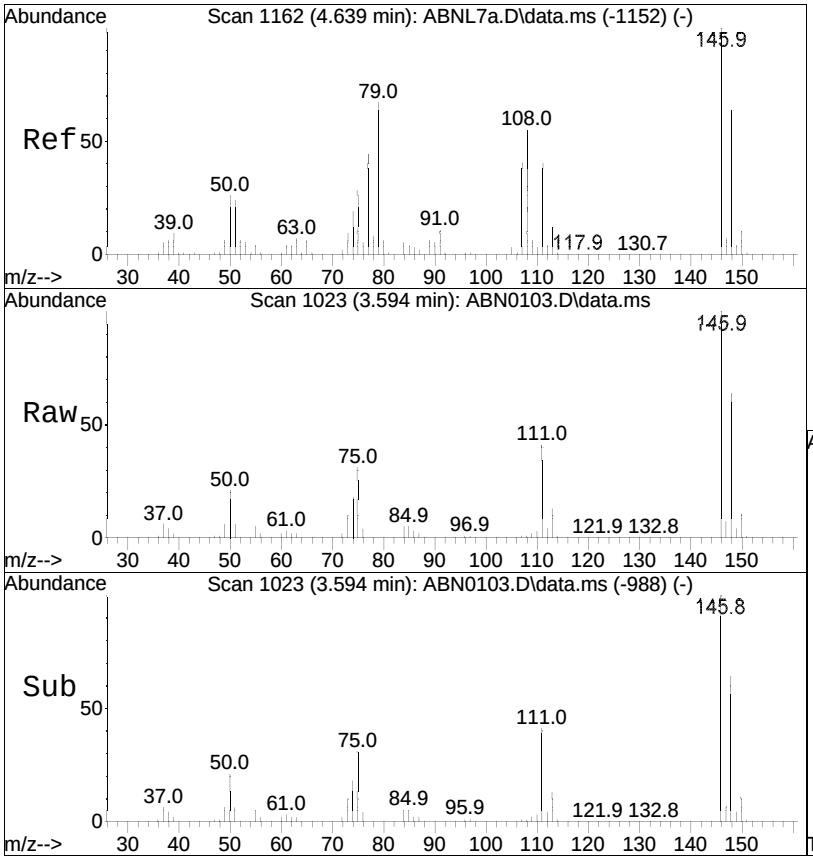


#11
1,4-Dichlorobenzene
Concen: 48.48 ug/ml
RT: 3.446 min Scan# 971
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:146 Resp: 435816

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.6	77.4
111	39.1	35.3	52.9

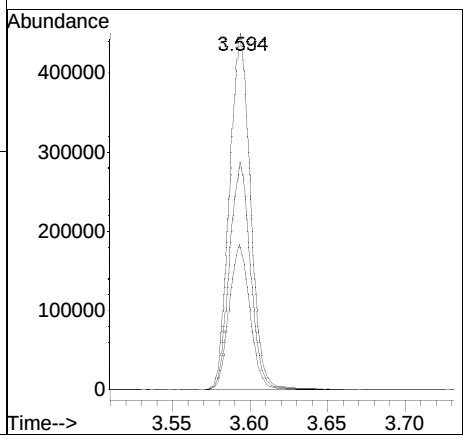


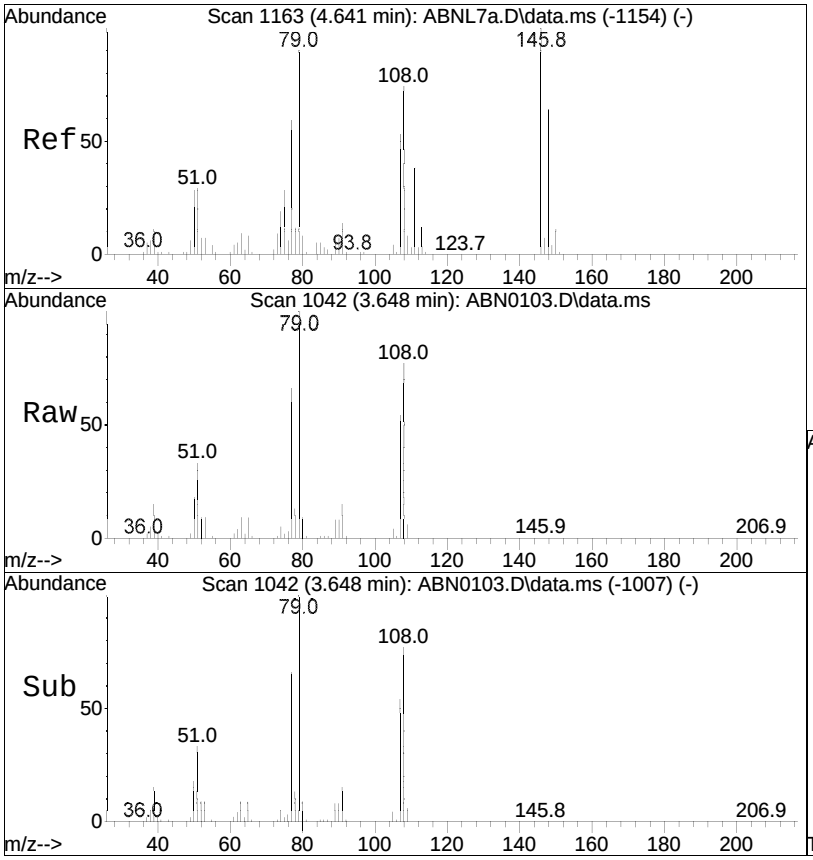


#12
1,2-Dichlorobenzene
Concen: 48.86 ug/ml
RT: 3.594 min Scan# 1023
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:146 Resp: 417134

Ion	Ratio	Lower	Upper
146	100		
111	40.8	36.0	54.0
148	64.0	49.9	74.9

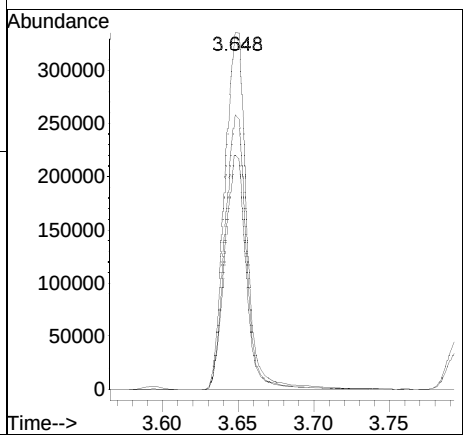


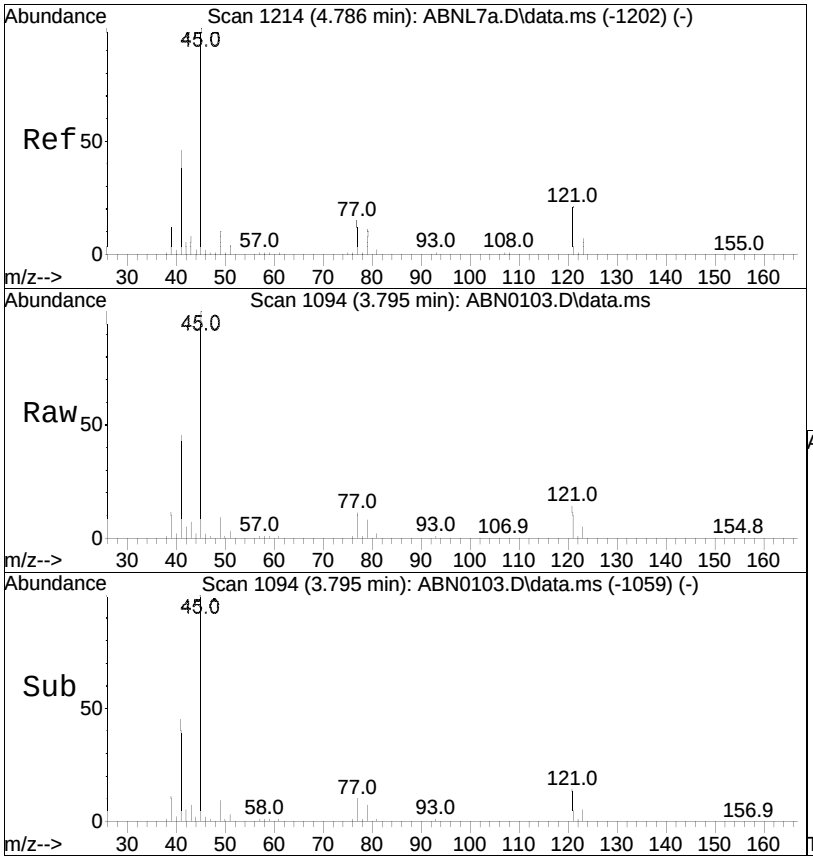


#13
Benzyl alcohol
Concen: 59.44 ug/ml
RT: 3.648 min Scan# 1042
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion: 79 Resp: 336620

Ion	Ratio	Lower	Upper
79	100		
77	64.7	52.3	78.5
108	75.5	60.2	90.4

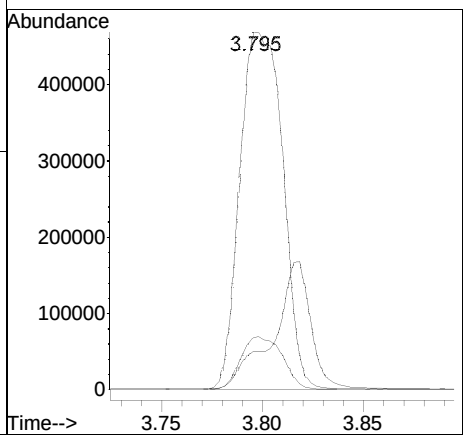


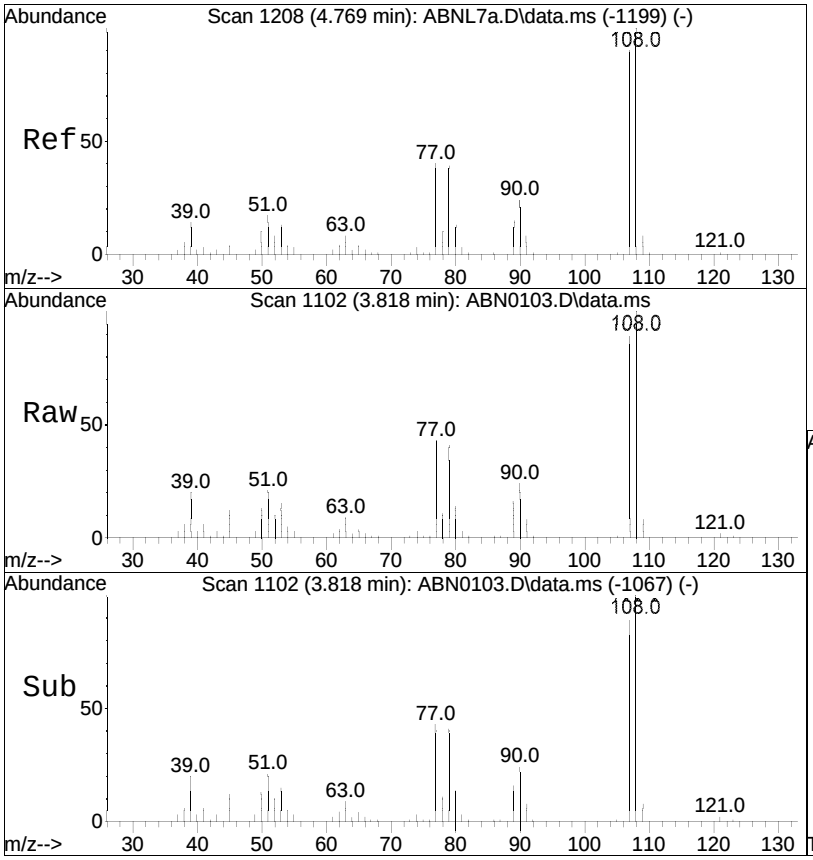


#14
Bis(2-chloroisopropyl)ether
Concen: 70.57 ug/ml
RT: 3.795 min Scan# 1094
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion: 45 Resp: 687535

Ion	Ratio	Lower	Upper
45	100		
121	14.4	12.6	19.0
77	31.7	26.4	39.6

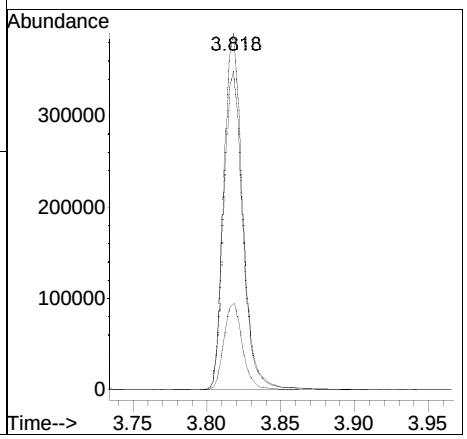


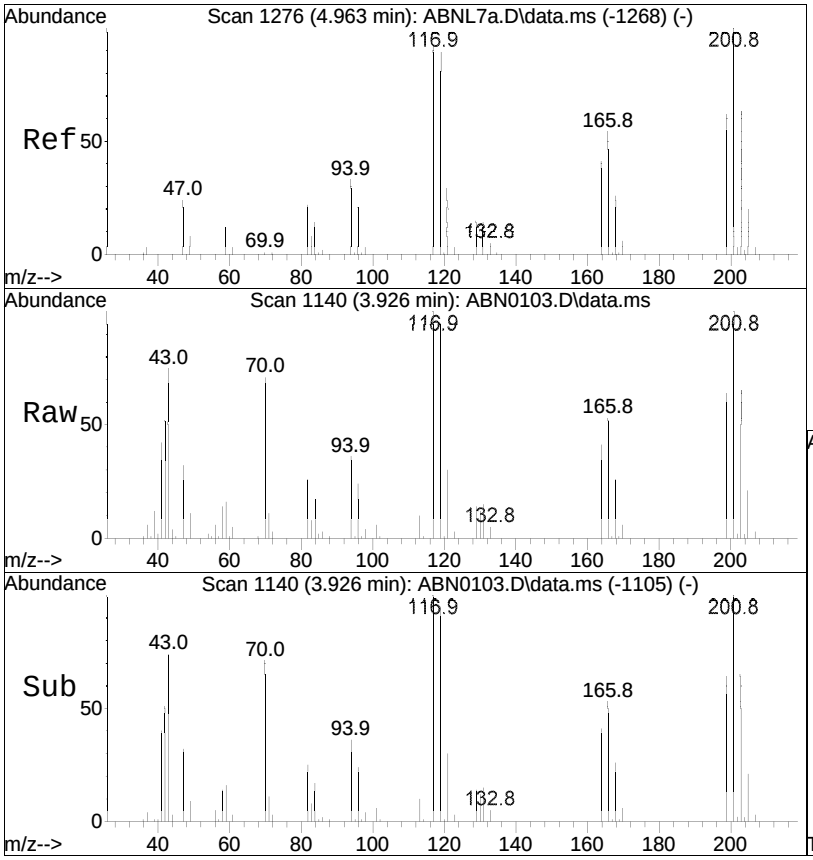


#15
2-Methylphenol
Concen: 53.50 ug/ml
RT: 3.818 min Scan# 1102
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:108 Resp: 343740

Ion	Ratio	Lower	Upper
108	100		
107	90.2	72.8	109.2
90	24.4	20.2	30.4

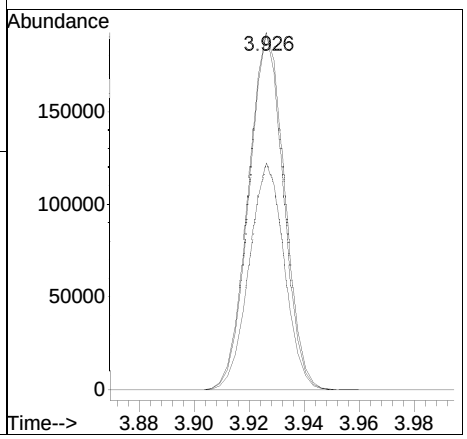


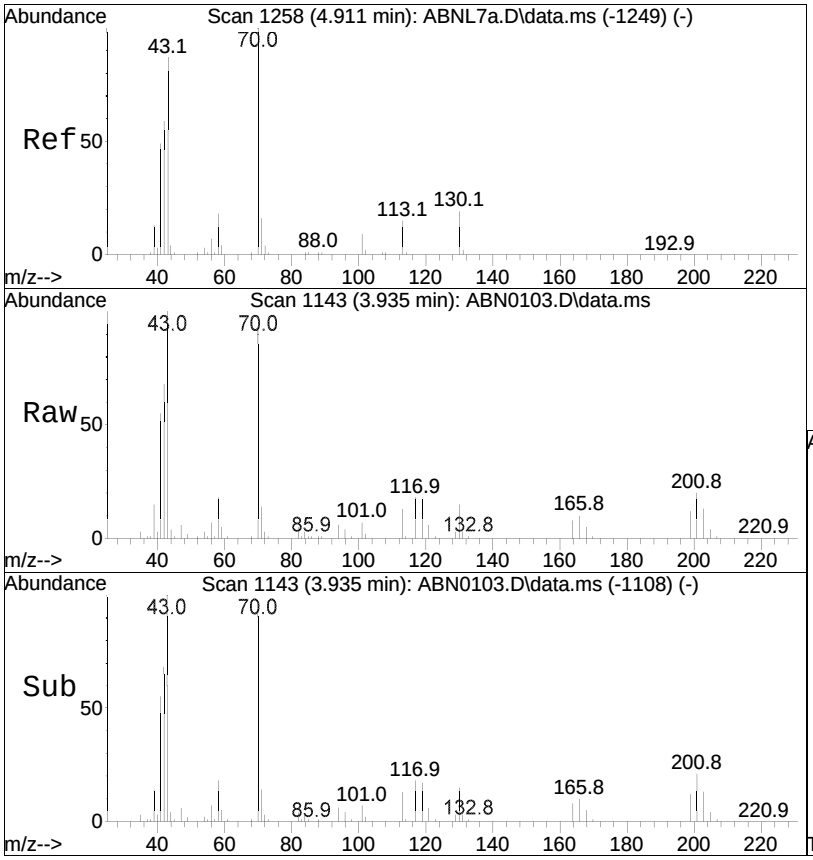


#16
Hexachloroethane
Concen: 53.44 ug/ml
RT: 3.926 min Scan# 1140
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:117 Resp: 170043

Ion	Ratio	Lower	Upper
117	100		
201	101.2	64.5	96.7#
199	63.7	40.3	60.5#

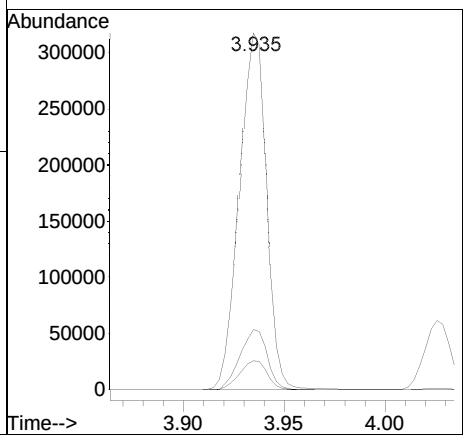


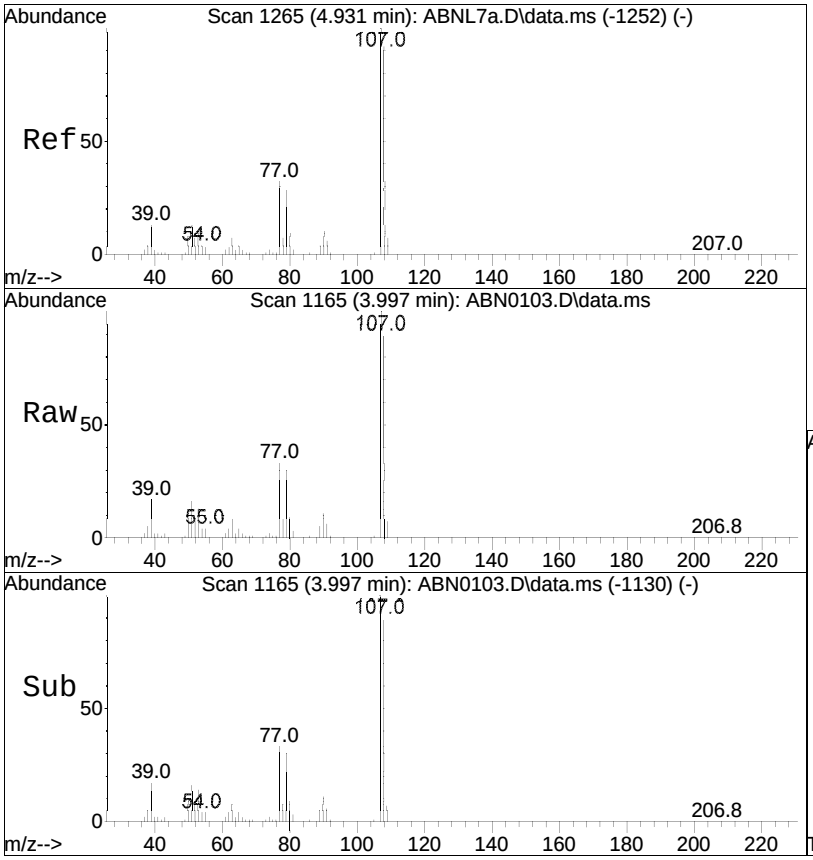


#17
n-Nitrosodi-n-propylamine
Concen: 59.14 ug/ml
RT: 3.935 min Scan# 1143
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion: 70 Resp: 296889

Ion	Ratio	Lower	Upper
70	100		
130	16.8	15.0	22.4
101	8.2	7.4	11.0

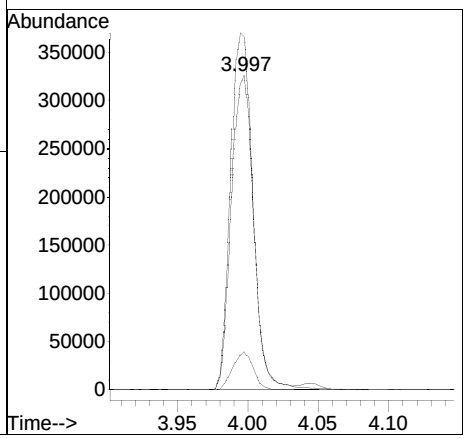


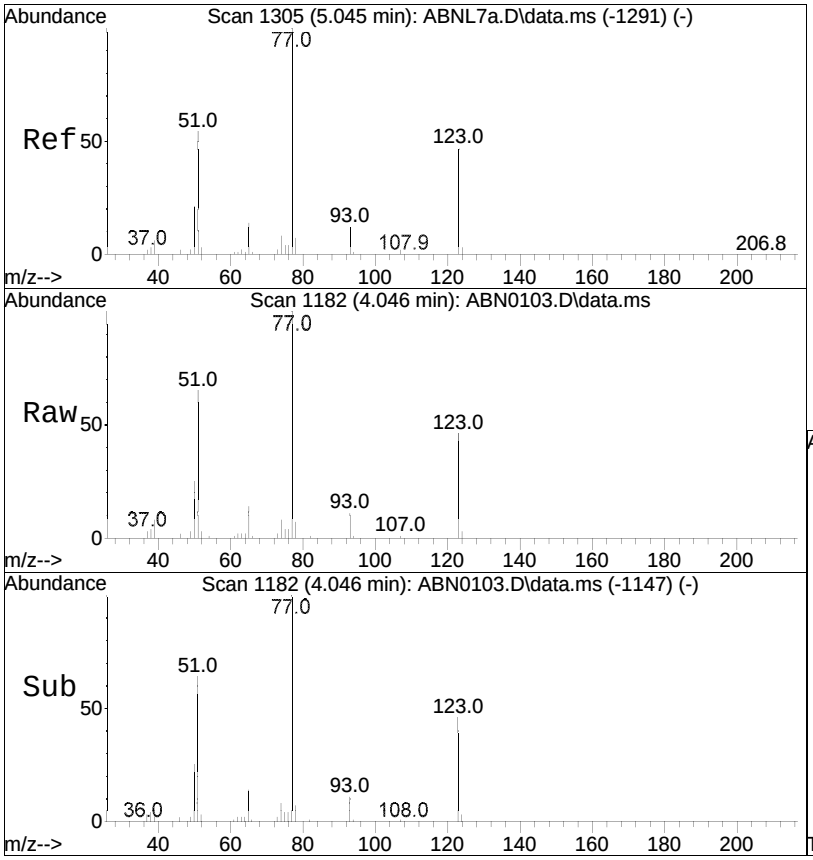


#18
3-Methylphenol/4-Methylphenol
Concen: 53.14 ug/ml
RT: 3.997 min Scan# 1165
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:108 Resp: 362954

Ion	Ratio	Lower	Upper
108	100		
107	112.0	90.4	135.6
90	11.5	9.2	13.8

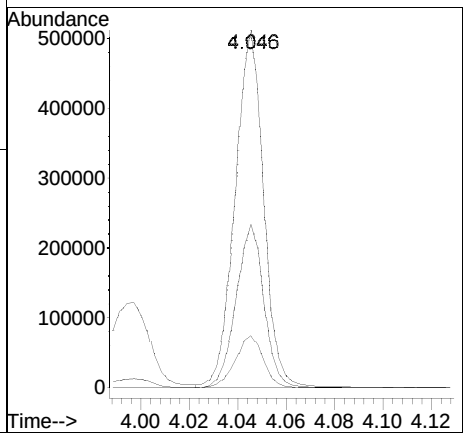


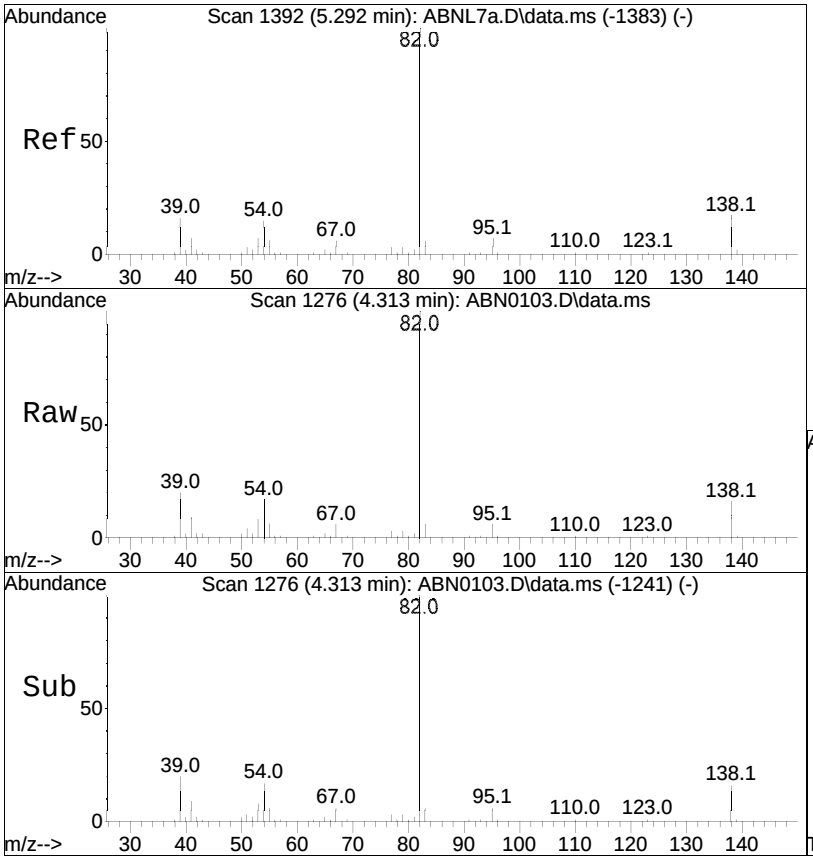


#20
Nitrobenzene
Concen: 58.33 ug/ml
RT: 4.046 min Scan# 1182
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion: 77 Resp: 412988

Ion	Ratio	Lower	Upper
77	100		
123	45.3	35.0	52.4
65	14.6	11.5	17.3

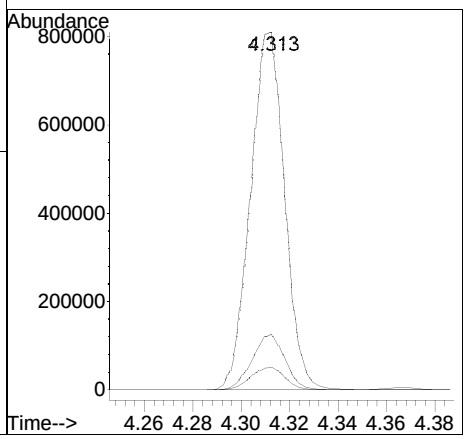


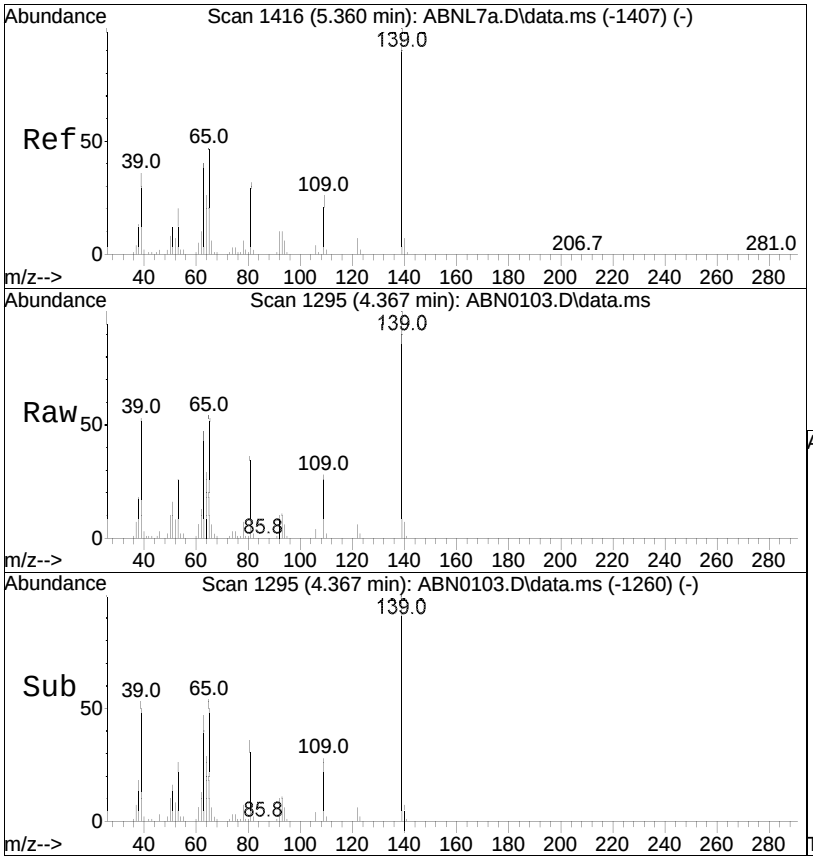


#21
Isophorone
Concen: 57.31 ug/ml
RT: 4.313 min Scan# 1276
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion: 82 Resp: 782451

Ion	Ratio	Lower	Upper
82	100		
138	15.1	12.8	19.2
95	6.5	5.5	8.3

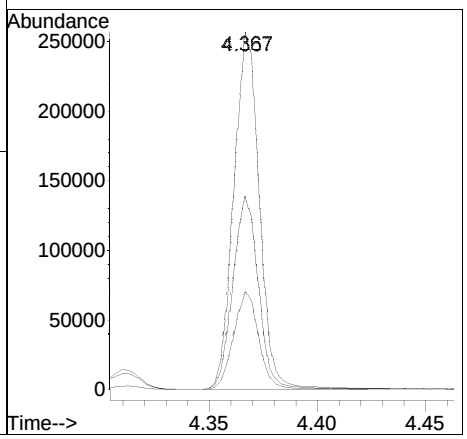


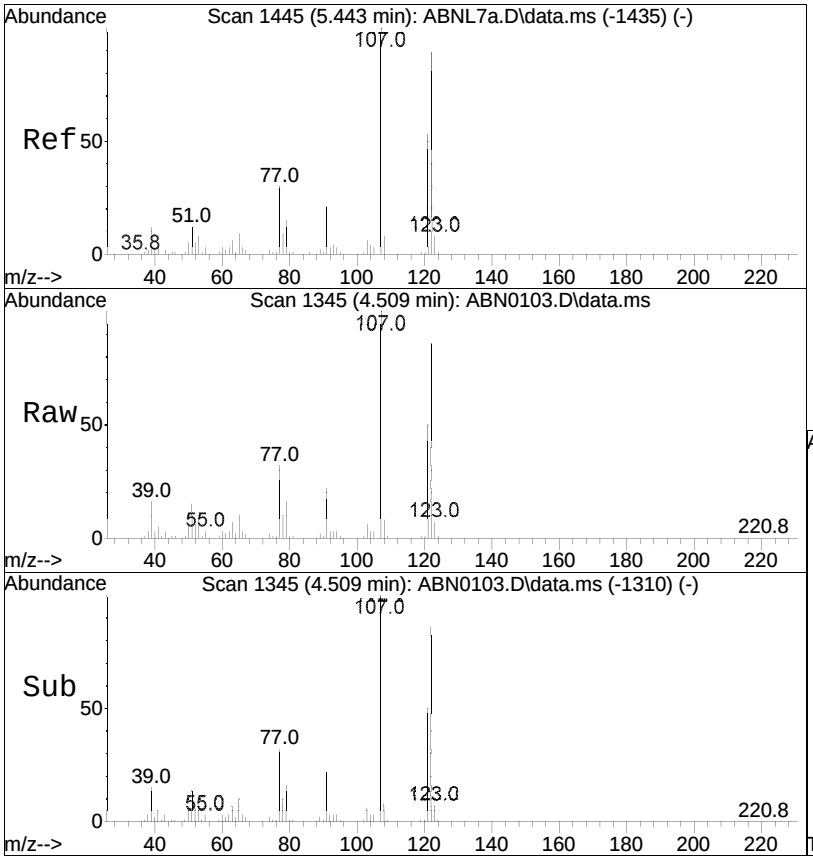


#22
2-Nitrophenol
Concen: 65.45 ug/ml
RT: 4.367 min Scan# 1295
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:139 Resp: 210495

Ion	Ratio	Lower	Upper
139	100		
109	27.0	24.8	37.2
65	54.2	45.5	68.3

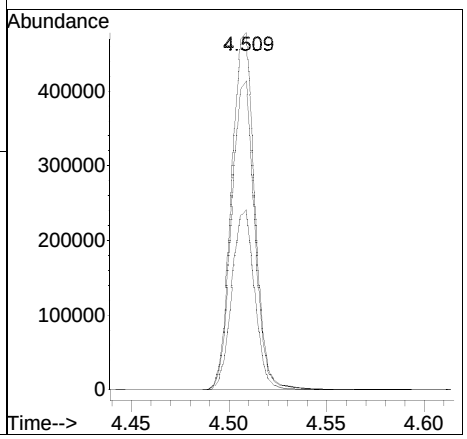


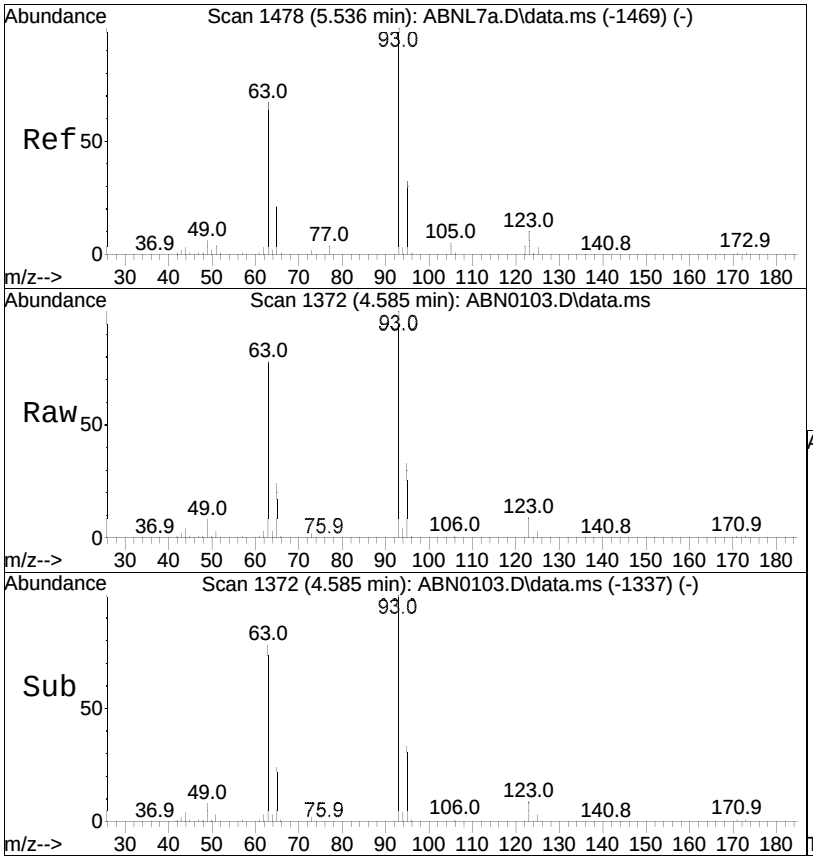


#23
2,4-Dimethylphenol
Concen: 54.73 ug/ml
RT: 4.509 min Scan# 1345
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:107 Resp: 395107

Ion	Ratio	Lower	Upper
107	100		
121	49.8	39.7	59.5
122	85.9	66.8	100.2

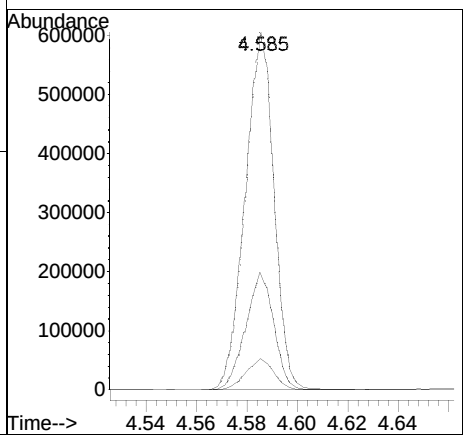


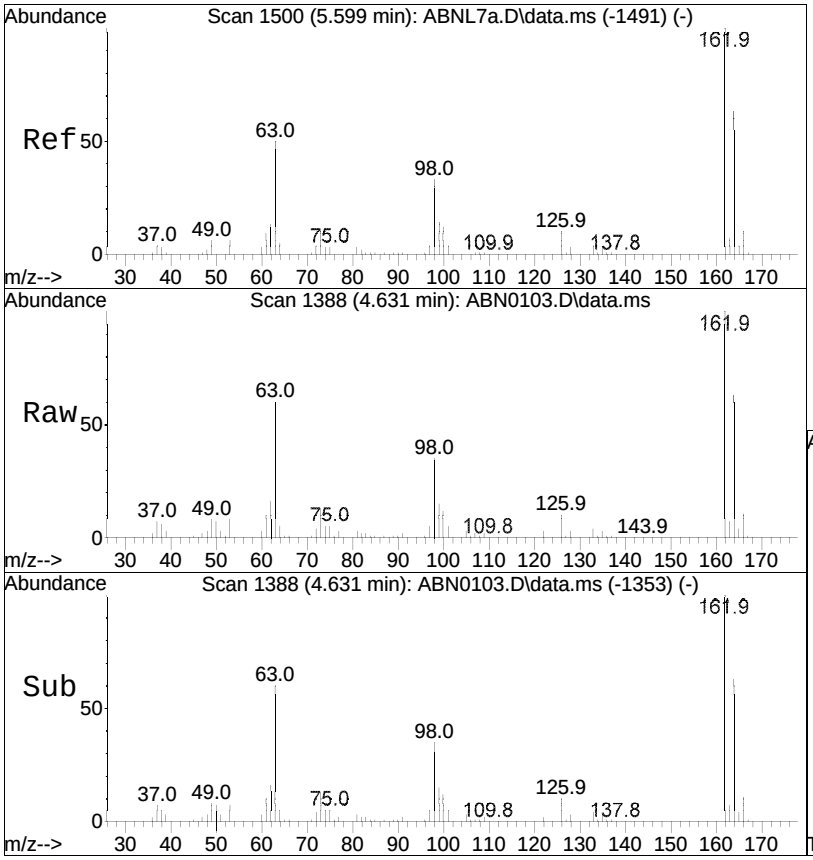


#24
Bis(2-chloroethoxy)methane
Concen: 53.17 ug/ml
RT: 4.585 min Scan# 1372
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion: 93 Resp: 474930

Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.1	39.1
123	8.5	9.8	14.8#

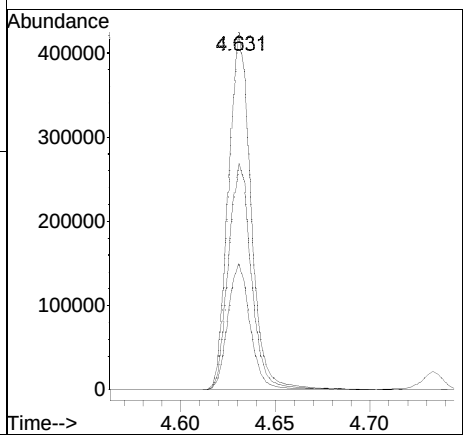


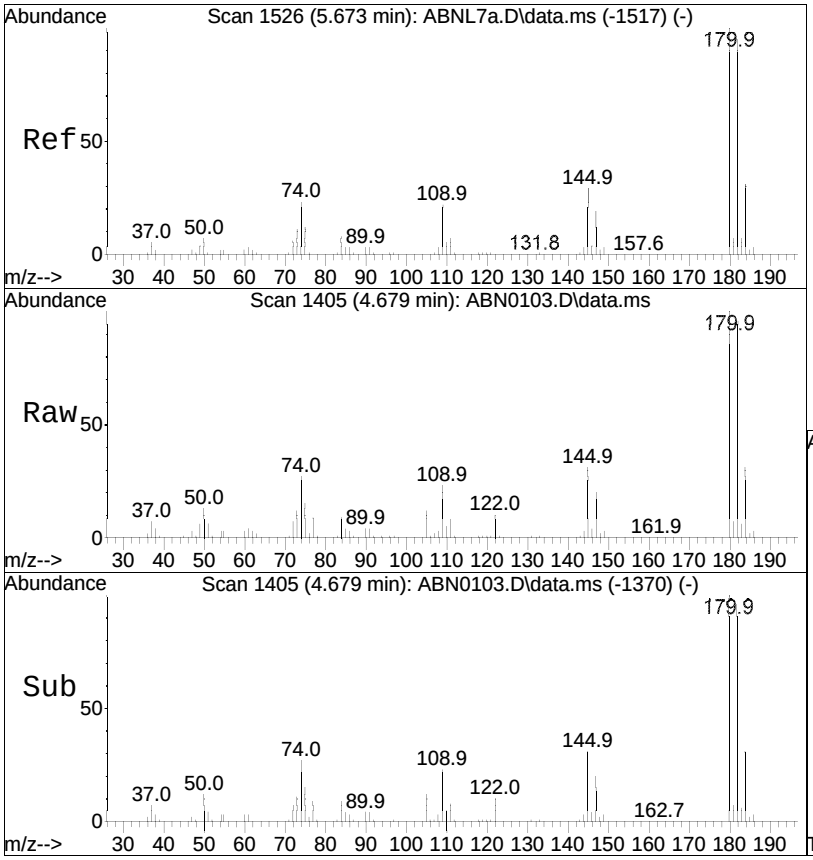


#25
2,4-Dichlorophenol
Concen: 53.27 ug/ml
RT: 4.631 min Scan# 1388
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:162 Resp: 349339

Ion	Ratio	Lower	Upper
162	100		
164	64.6	50.4	75.6
98	35.0	31.6	47.4

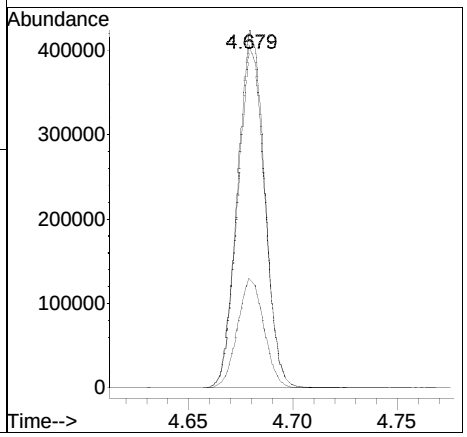


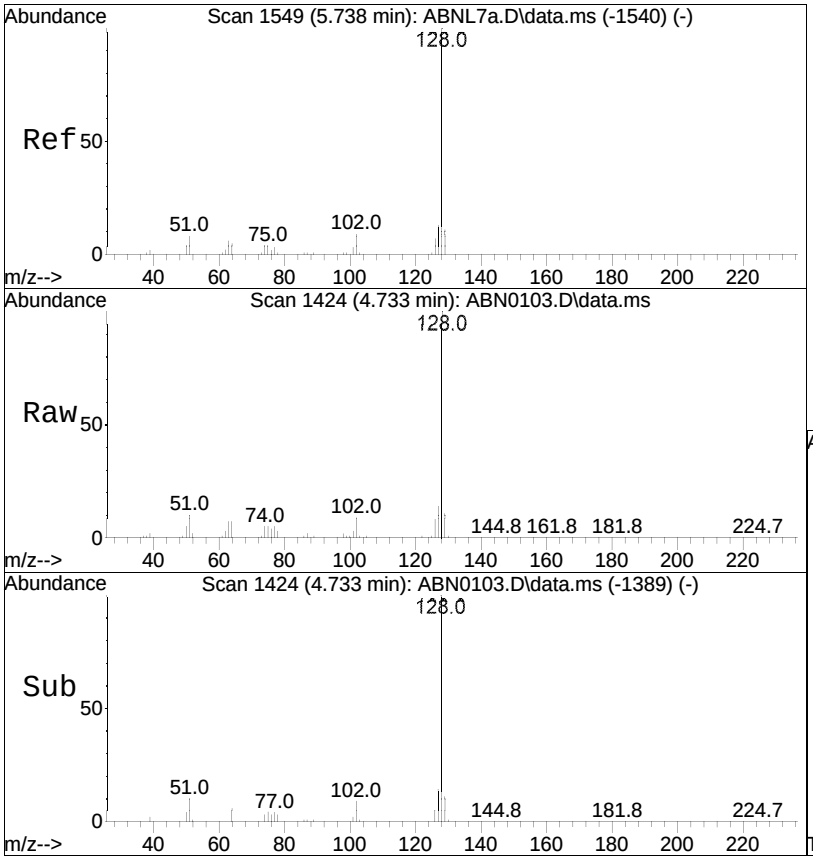


#26
1,2,4-Trichlorobenzene
Concen: 48.94 ug/ml
RT: 4.679 min Scan# 1405
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:180 Resp: 379228

Ion	Ratio	Lower	Upper
180	100		
182	94.8	74.7	112.1
145	30.0	26.6	39.8

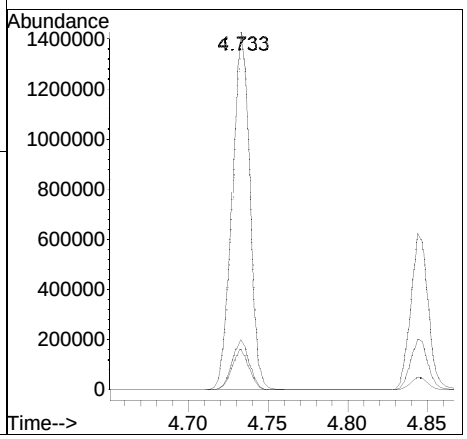


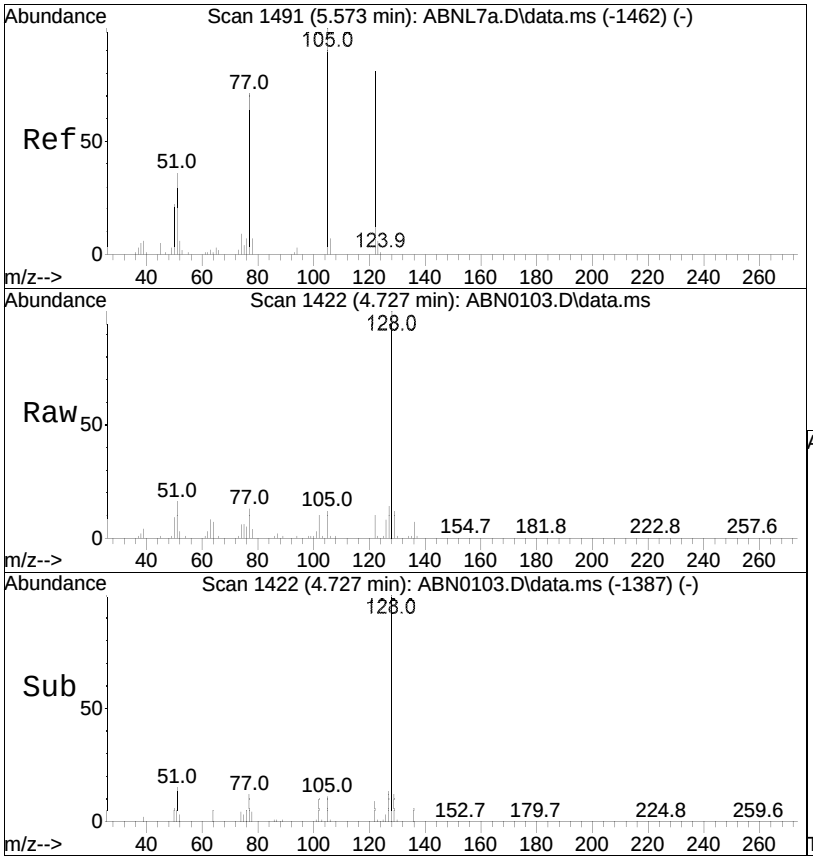


#36
Naphthalene
Concen: 47.65 ug/ml
RT: 4.733 min Scan# 1424
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:128 Resp: 1089958

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.8	10.7	16.1

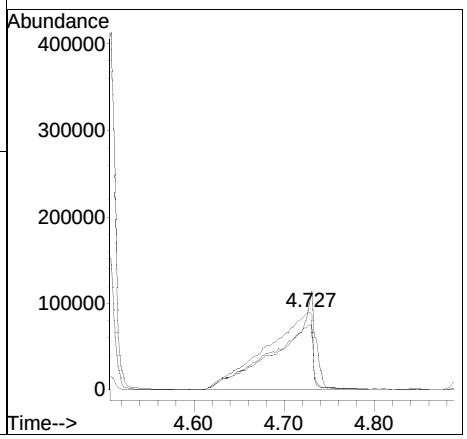


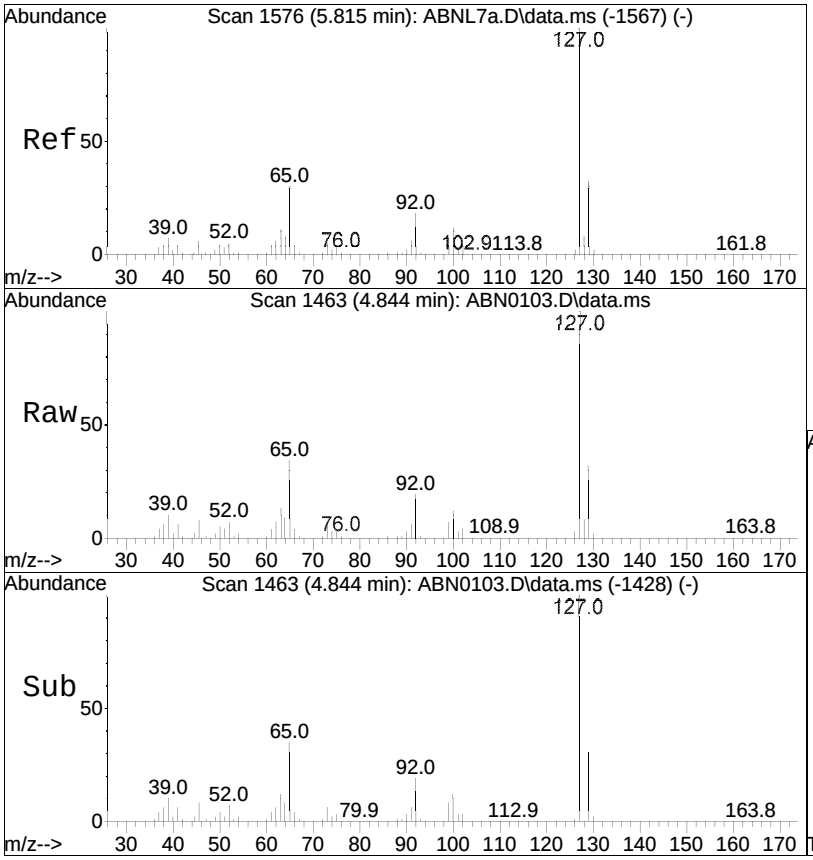


#37
Benzoic Acid
Concen: 63.14 ug/ml M1
RT: 4.727 min Scan# 1422
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:105 Resp: 323363

Ion	Ratio	Lower	Upper
105	100		
122	75.0	61.8	92.6
77	84.3	62.2	93.4

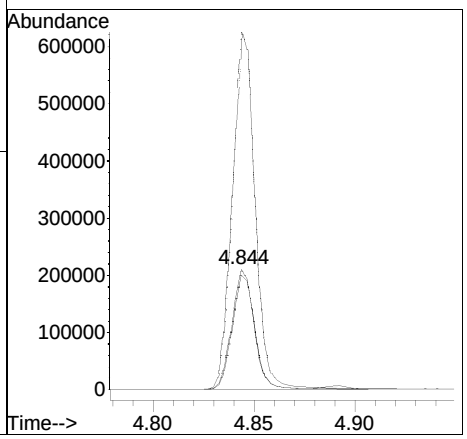


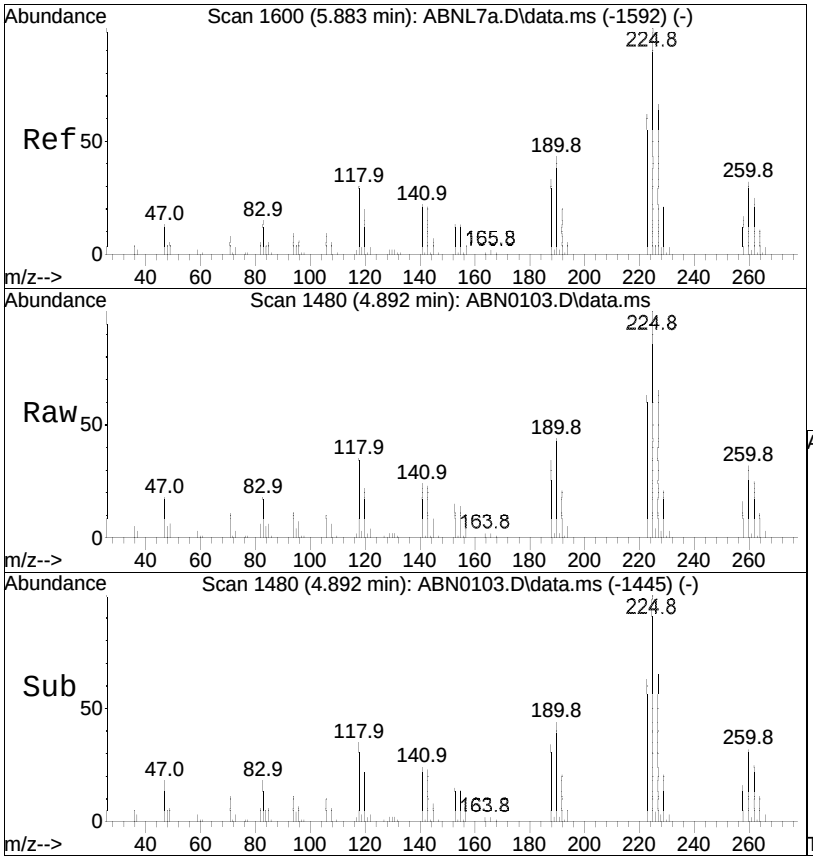


#38
4-Chloroaniline
Concen: 57.05 ug/ml
RT: 4.844 min Scan# 1463
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion: 65 Resp: 160824

Ion	Ratio	Lower	Upper
65	100		
127	299.4	233.2	349.8
129	95.4	74.6	111.8

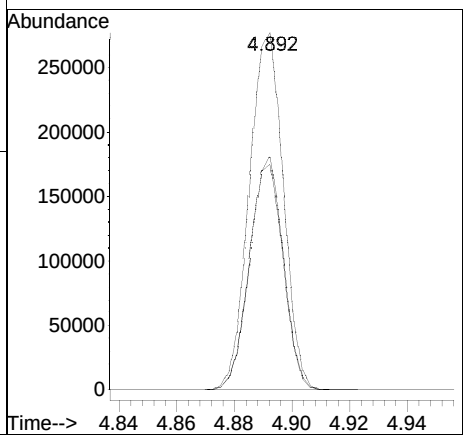


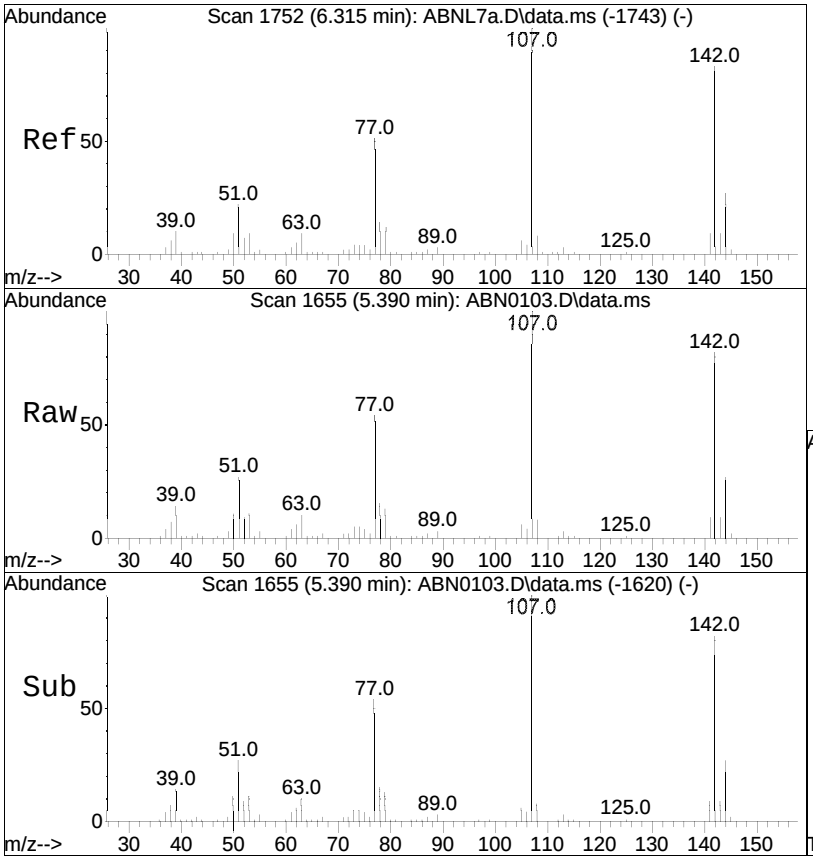


#39
Hexachlorobutadiene
Concen: 45.76 ug/ml
RT: 4.892 min Scan# 1480
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:225 Resp: 227445

Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.4	74.0
227	64.2	50.8	76.2

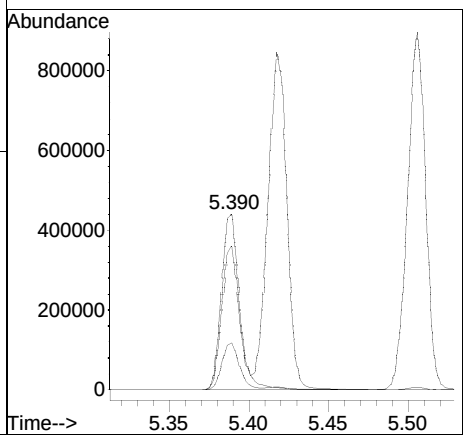


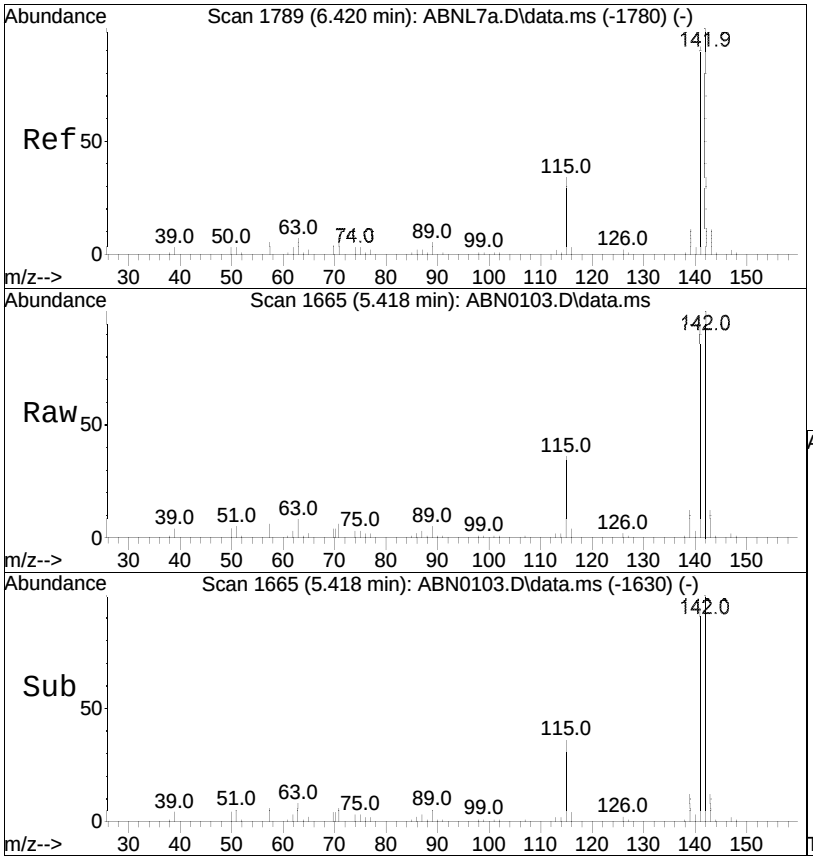


#40
p-Chloro-m-cresol
Concen: 55.54 ug/ml
RT: 5.390 min Scan# 1655
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:107 Resp: 350444

Ion	Ratio	Lower	Upper
107	100		
144	25.9	19.6	29.4
142	77.7	62.2	93.4

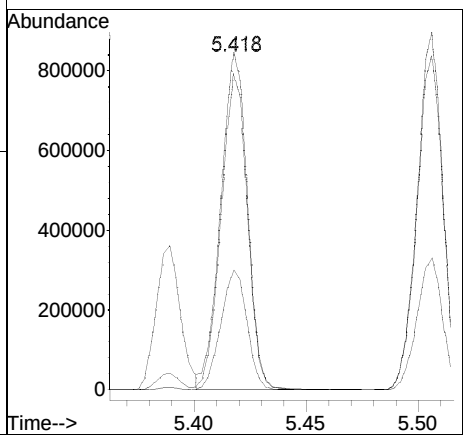


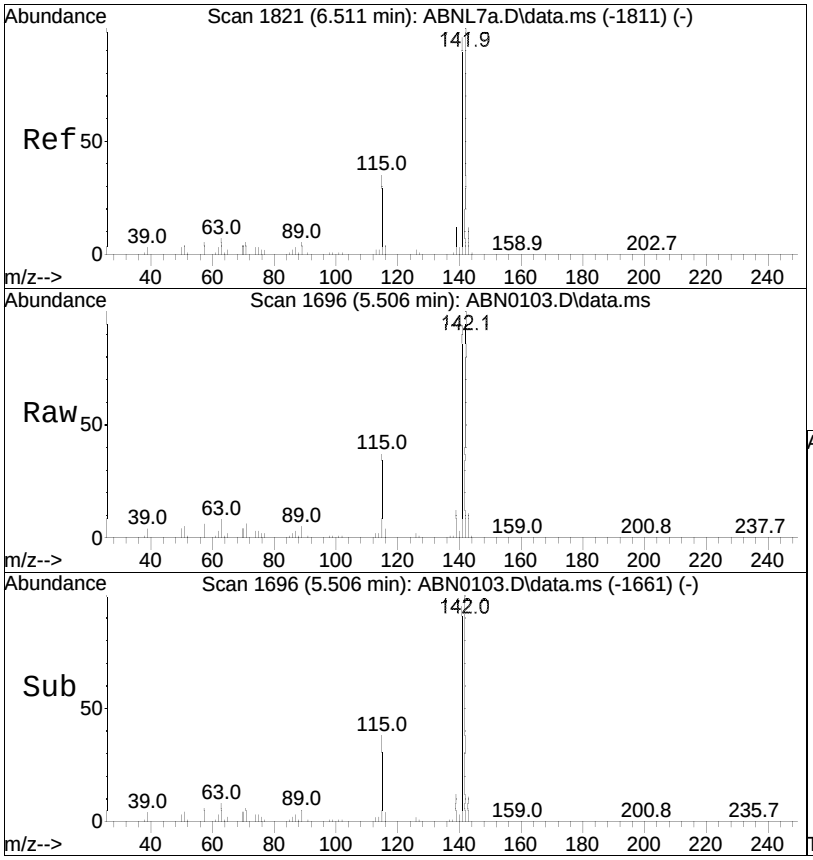


#41
2-Methylnaphthalene
Concen: 48.93 ug/ml
RT: 5.418 min Scan# 1665
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:142 Resp: 701053

Ion	Ratio	Lower	Upper
142	100		
141	92.3	71.8	107.8
115	34.8	29.1	43.7

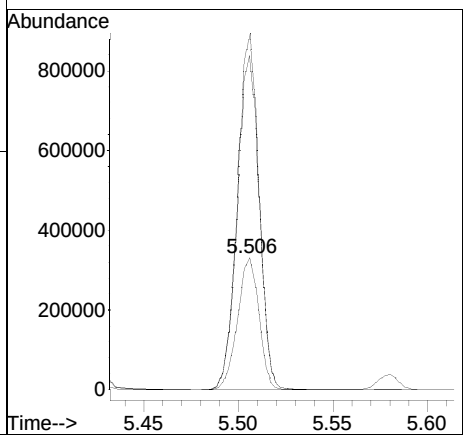


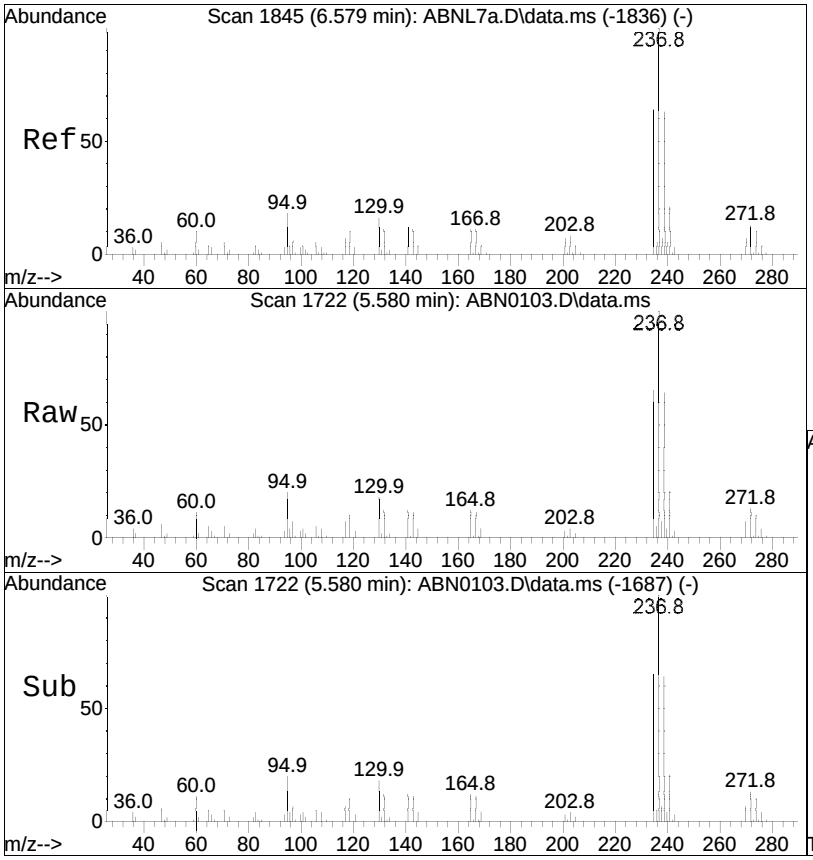


#42
1-Methylnaphthalene
Concen: 51.77 ug/ml
RT: 5.506 min Scan# 1696
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:115 Resp: 262369

Ion	Ratio	Lower	Upper
115	100		
141	256.0	196.6	294.8
142	270.0	209.2	313.8

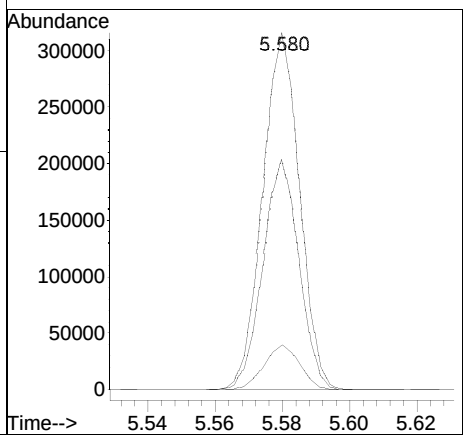


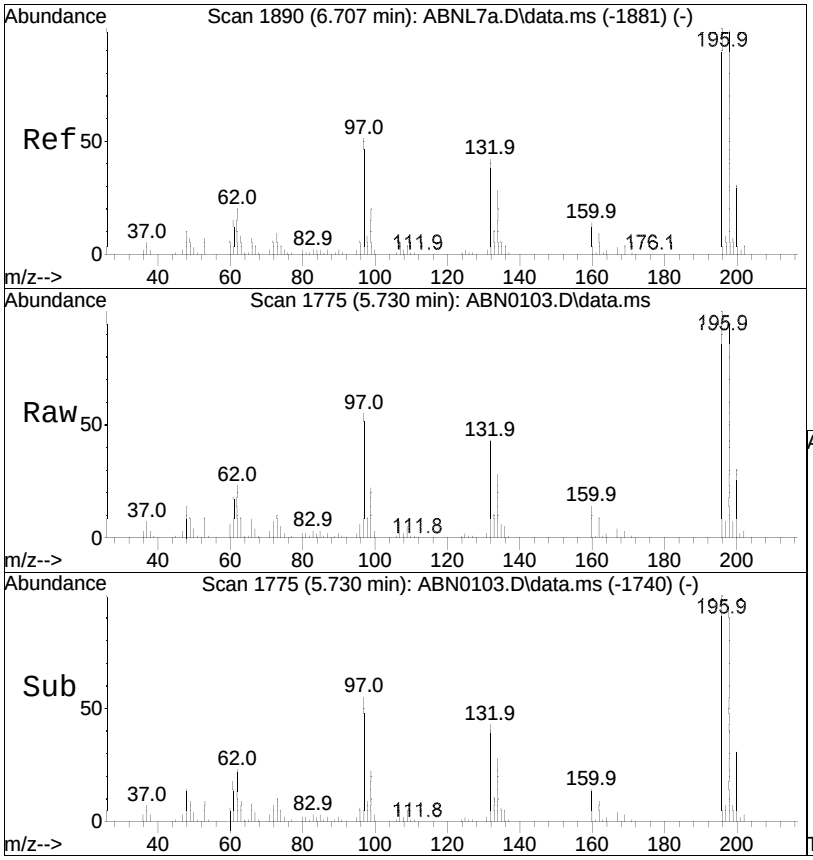


#43
Hexachlorocyclopentadiene
Concen: 48.15 ug/ml
RT: 5.580 min Scan# 1722
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:237 Resp: 239866

Ion	Ratio	Lower	Upper
237	100		
235	63.3	47.8	71.6
272	12.5	10.4	15.6

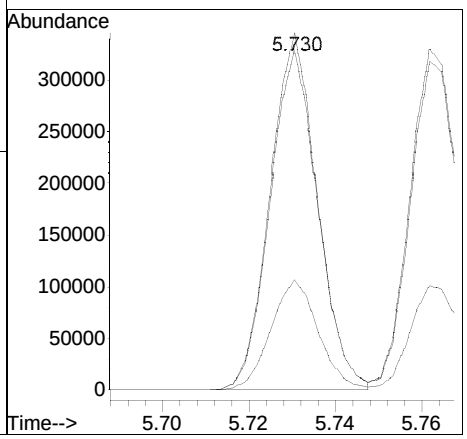


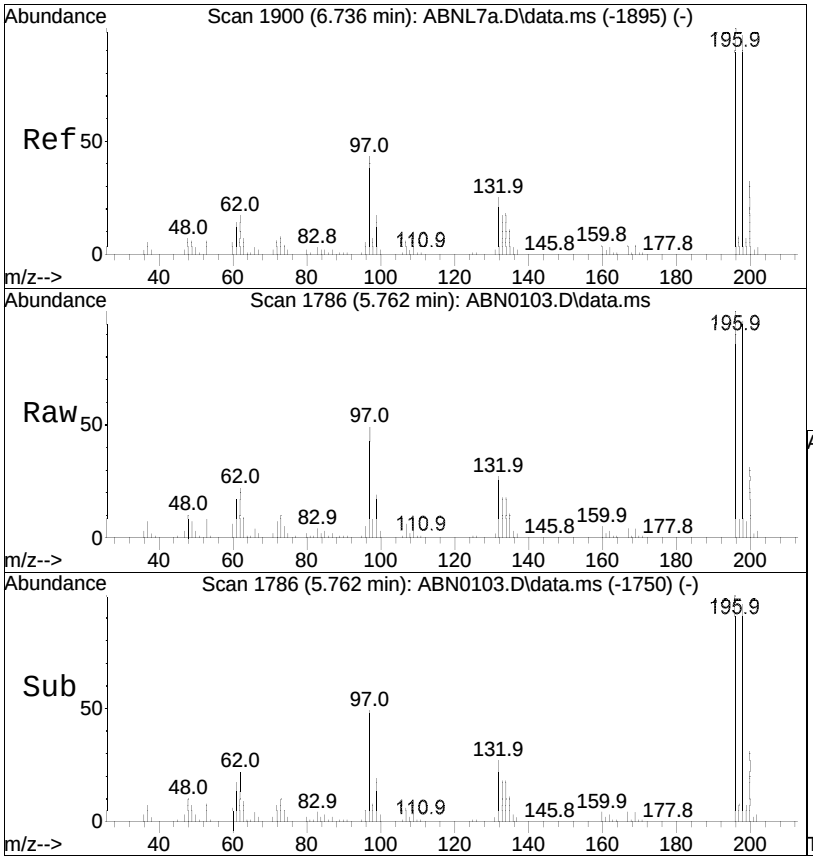


#44
2,4,6-Trichlorophenol
Concen: 54.25 ug/ml
RT: 5.730 min Scan# 1775
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:196 Resp: 262175

Ion	Ratio	Lower	Upper
196	100		
198	96.0	81.5	122.3
200	30.9	26.2	39.2

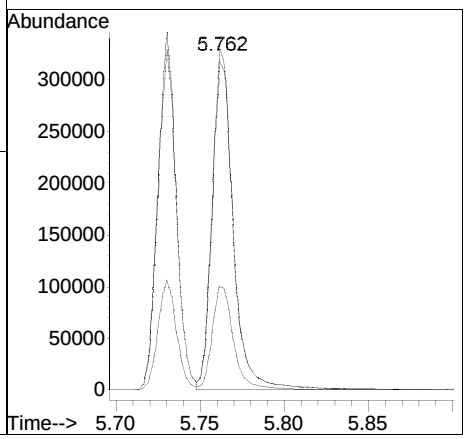


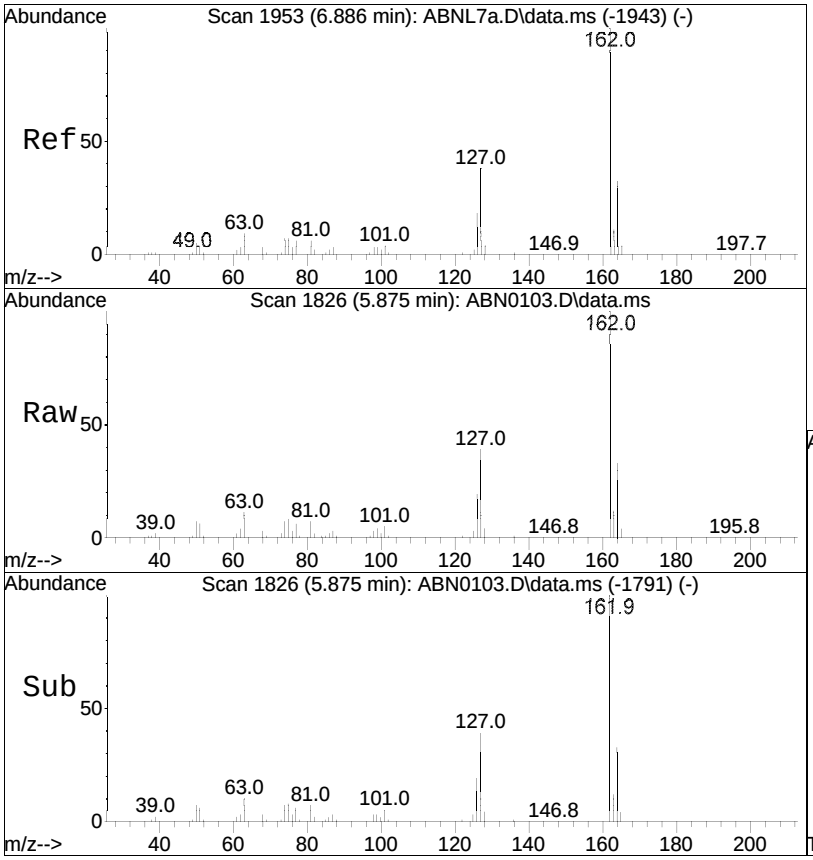


#45
2,4,5-Trichlorophenol
Concen: 53.45 ug/ml
RT: 5.762 min Scan# 1786
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:196 Resp: 283938

Ion	Ratio	Lower	Upper
196	100		
200	31.0	25.5	38.3
198	96.2	79.2	118.8

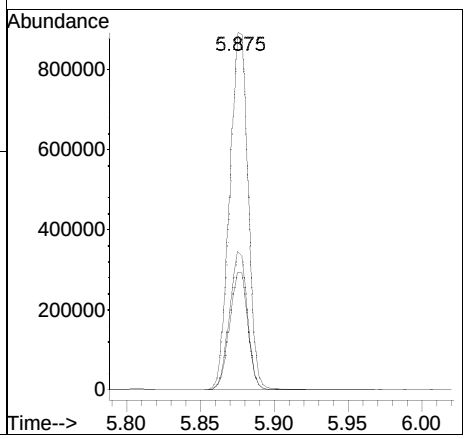


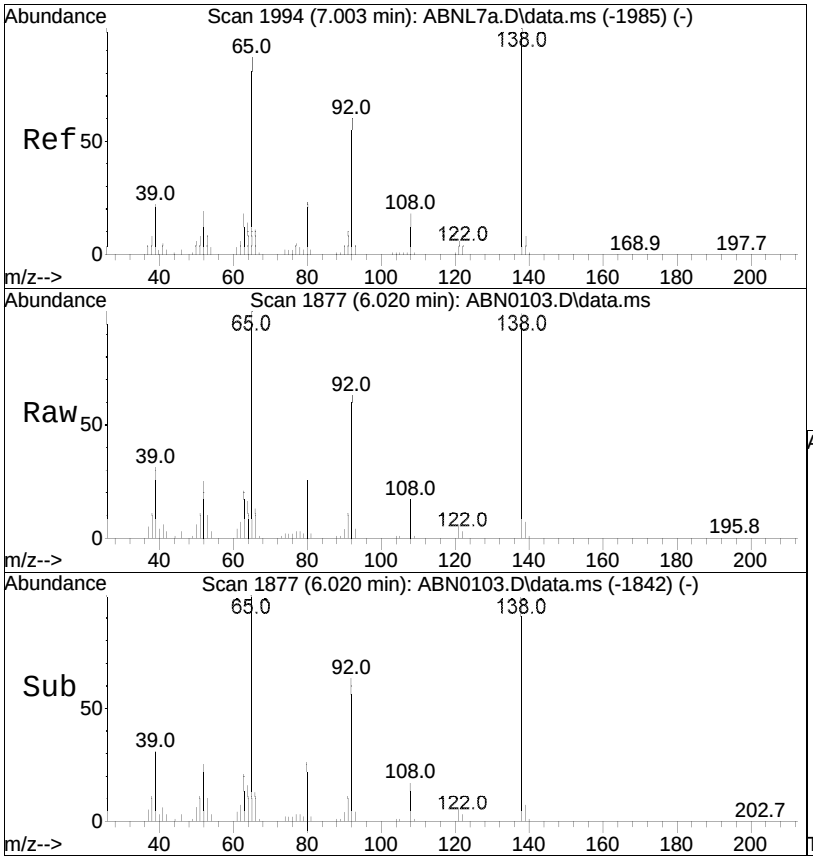


#47
2-Chloronaphthalene
Concen: 48.71 ug/ml
RT: 5.875 min Scan# 1826
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:162 Resp: 763652

Ion	Ratio	Lower	Upper
162	100		
127	37.9	33.6	50.4
164	32.8	25.8	38.8

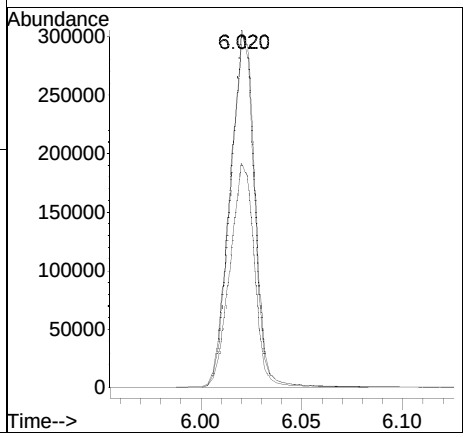


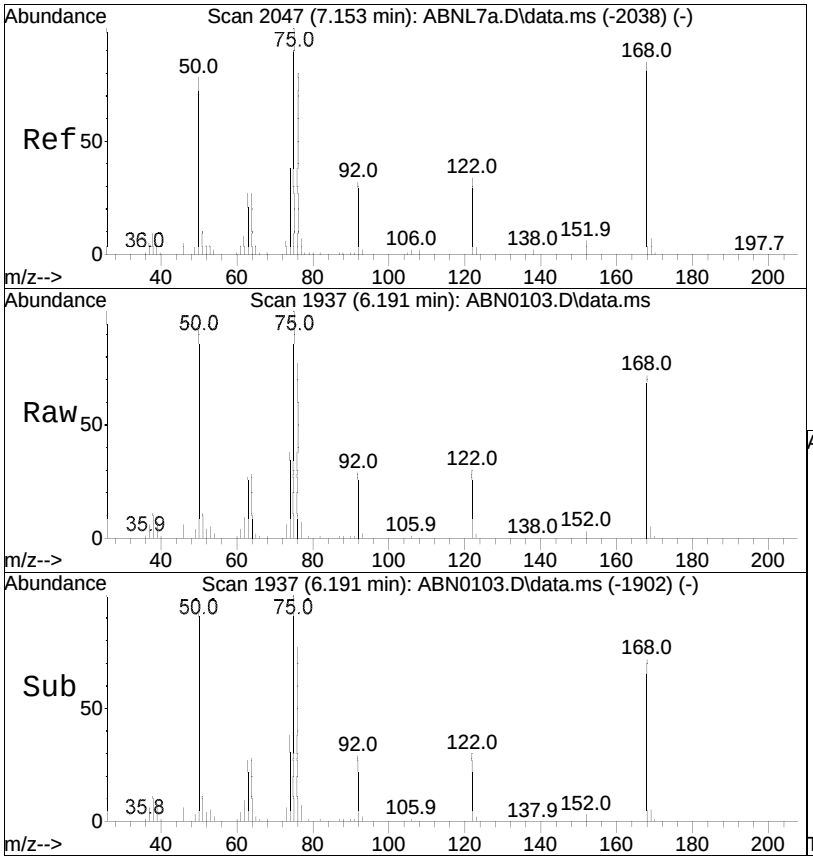


#48
2-Nitroaniline
Concen: 59.29 ug/ml
RT: 6.020 min Scan# 1877
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:138 Resp: 255087

Ion	Ratio	Lower	Upper
138	100		
92	62.6	54.2	81.2
65	99.8	82.8	124.2

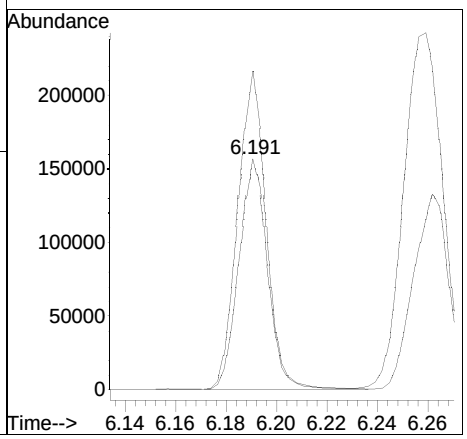


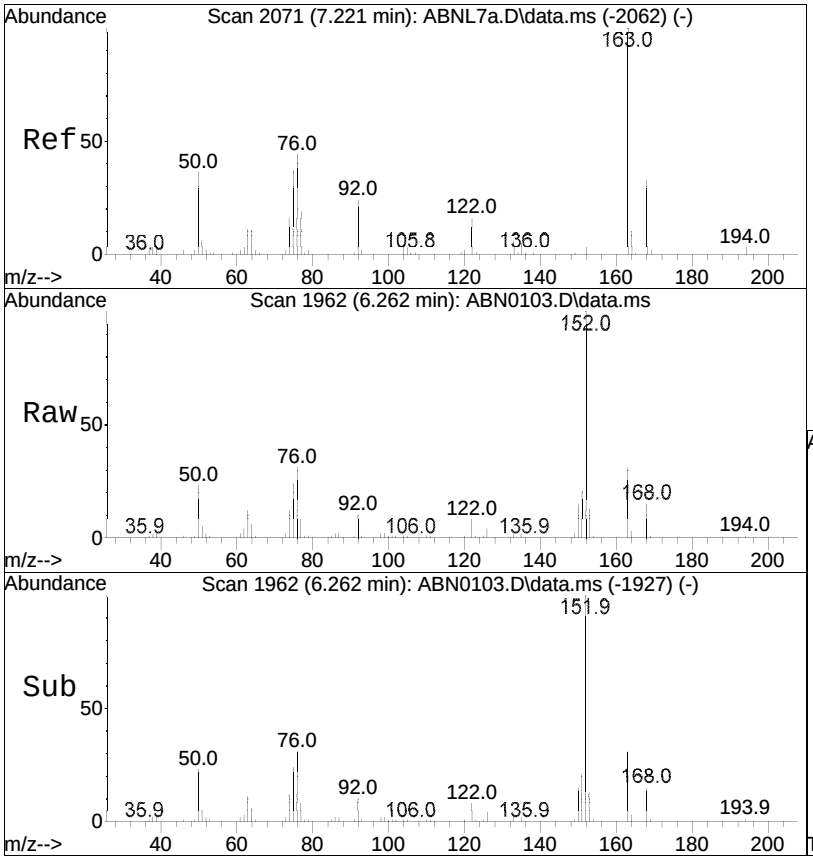


#49
1,4-Dinitrobenzene
Concen: 60.37 ug/ml
RT: 6.191 min Scan# 1937
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:168 Resp: 123838

Ion	Ratio	Lower	Upper
168	100		
75	136.7	120.1	180.1

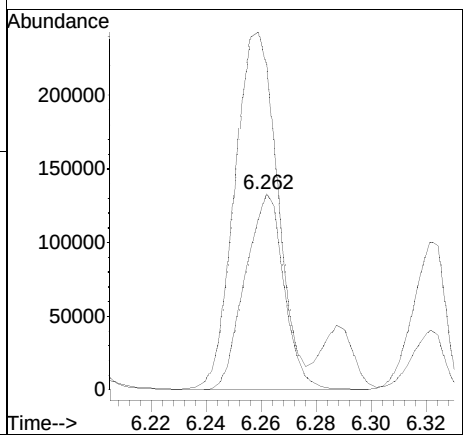


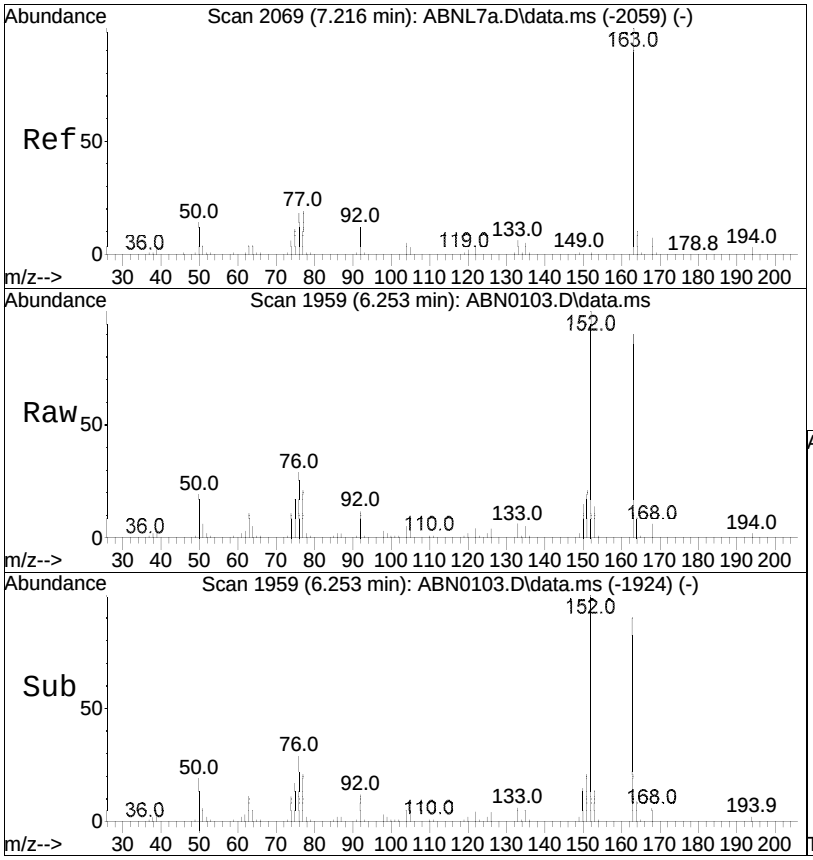


#50
1,3-Dinitrobenzene
Concen: 55.27 ug/ml
RT: 6.262 min Scan# 1962
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:168 Resp: 130478

Ion	Ratio	Lower	Upper
168	100		
75	200.8	123.2	184.8#

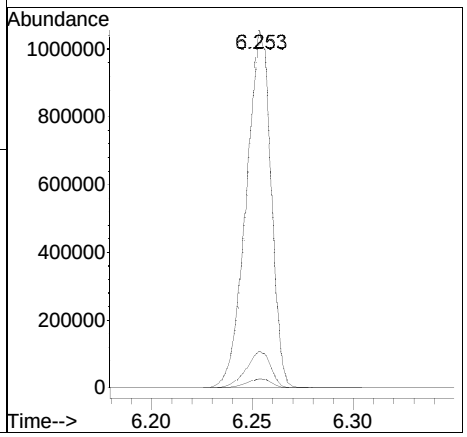


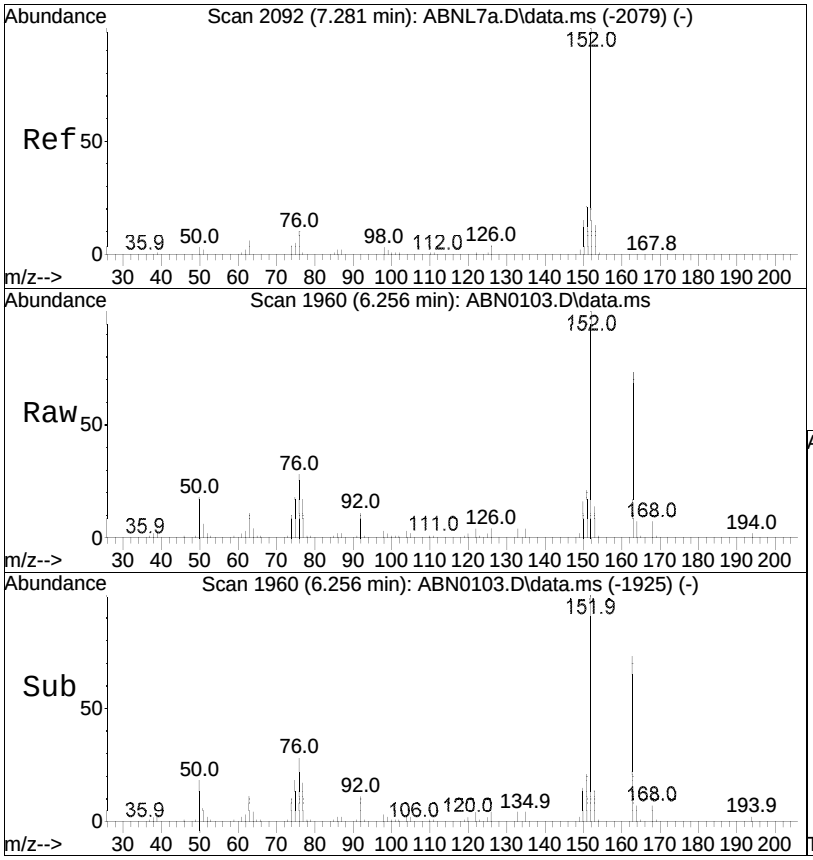


#51
Dimethyl phthalate
Concen: 48.76 ug/ml
RT: 6.253 min Scan# 1959
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:163 Resp: 895559

Ion	Ratio	Lower	Upper
163	100		
194	2.6	2.6	4.0
164	10.3	8.2	12.4

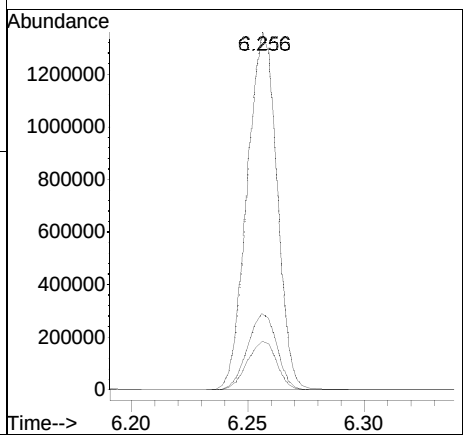


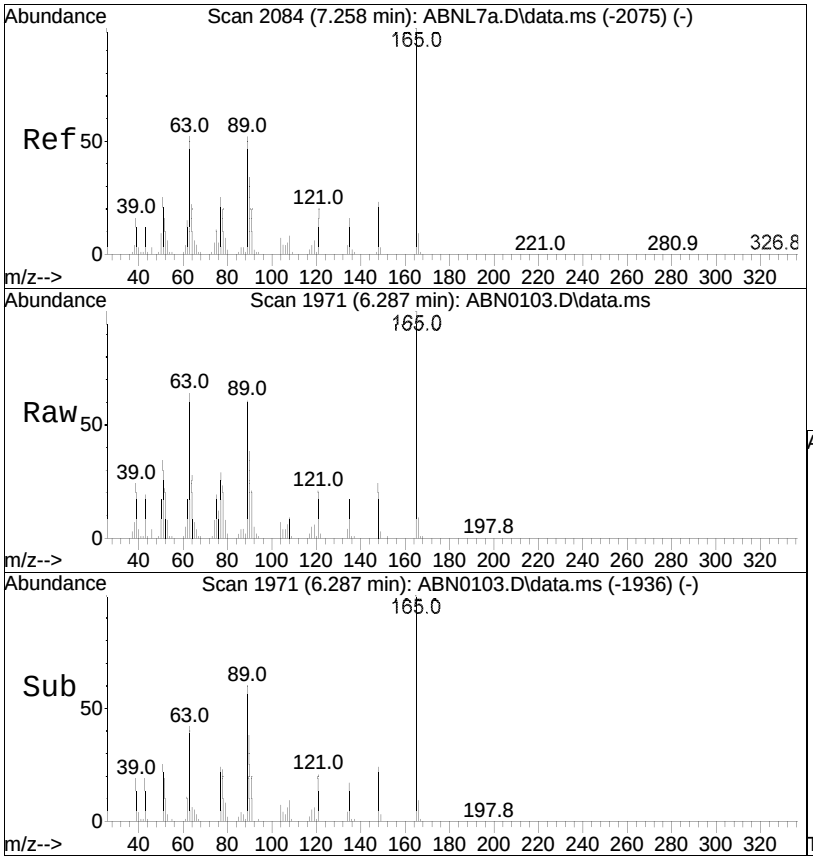


#52
Acenaphthylene
Concen: 49.29 ug/ml
RT: 6.256 min Scan# 1960
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:152 Resp: 1205910

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.4	24.6
153	13.6	11.0	16.6

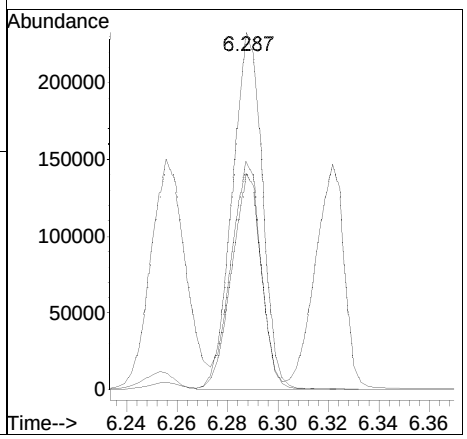


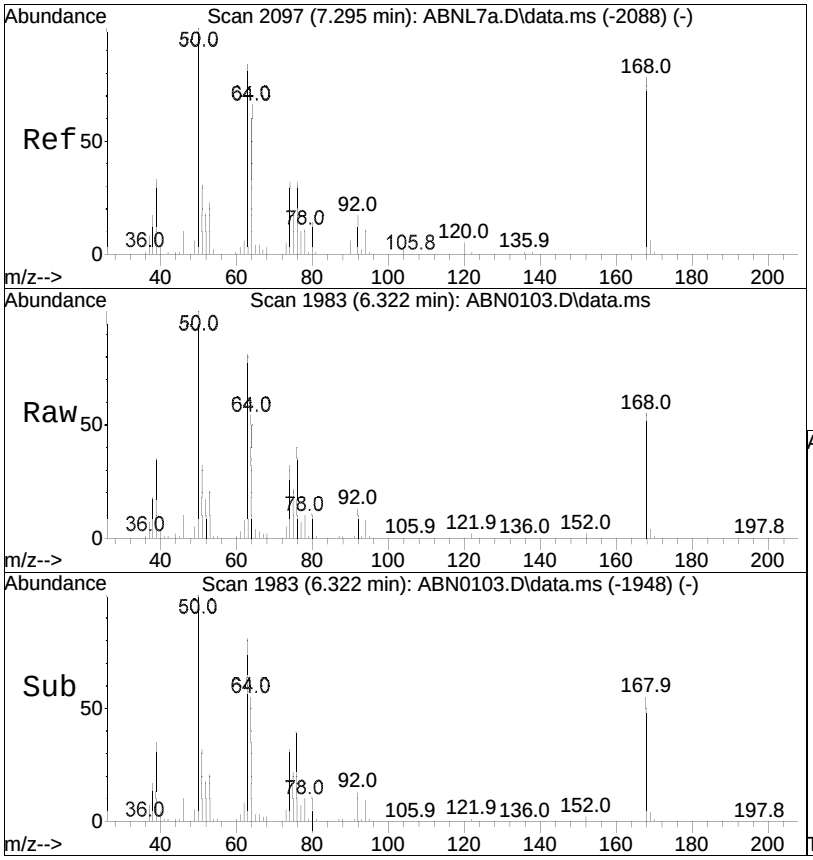


#53
2,6-Dinitrotoluene
Concen: 58.52 ug/ml
RT: 6.287 min Scan# 1971
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:165 Resp: 193397

Ion	Ratio	Lower	Upper
165	100		
89	59.2	50.4	75.6
63	62.7	56.9	85.3

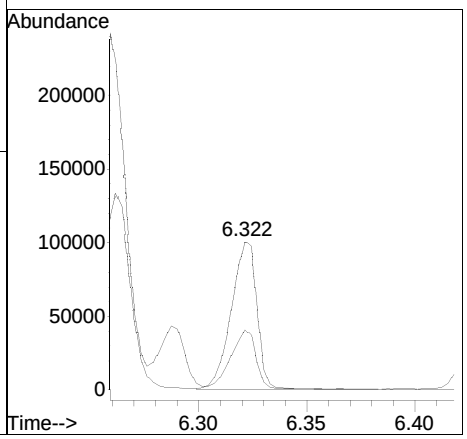


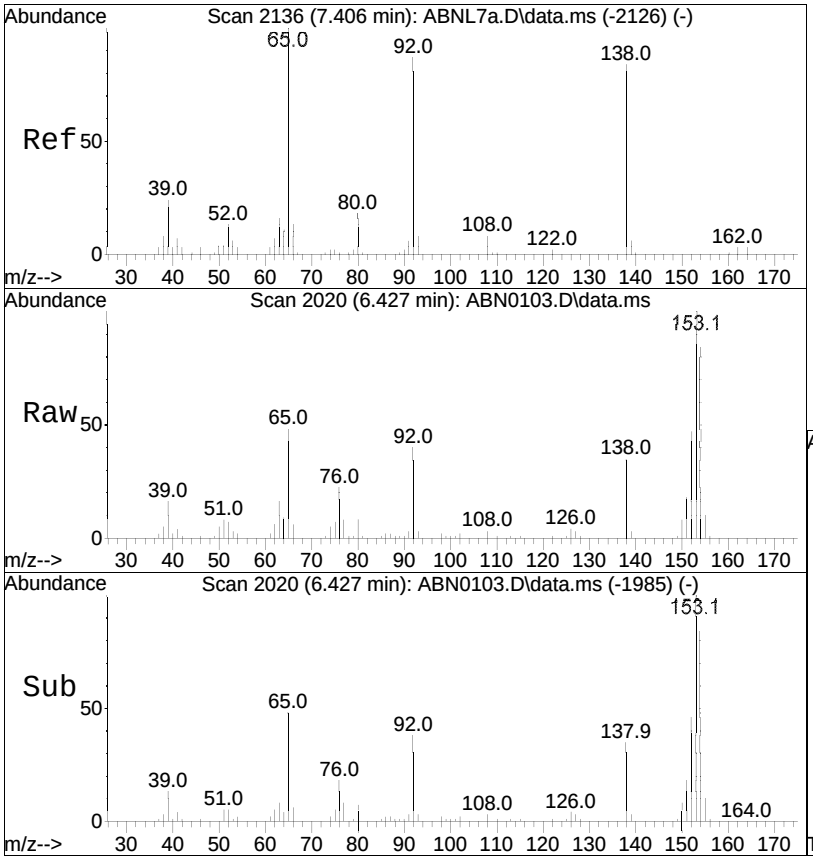


#54
1,2-Dinitrobenzene
Concen: 58.82 ug/ml
RT: 6.322 min Scan# 1983
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:168 Resp: 83242

Ion	Ratio	Lower	Upper
168	100		
75	39.4	105.0	157.6#

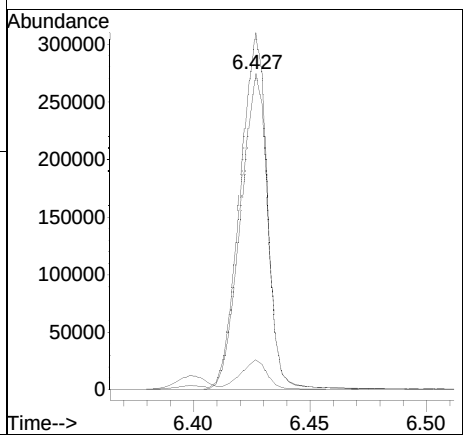


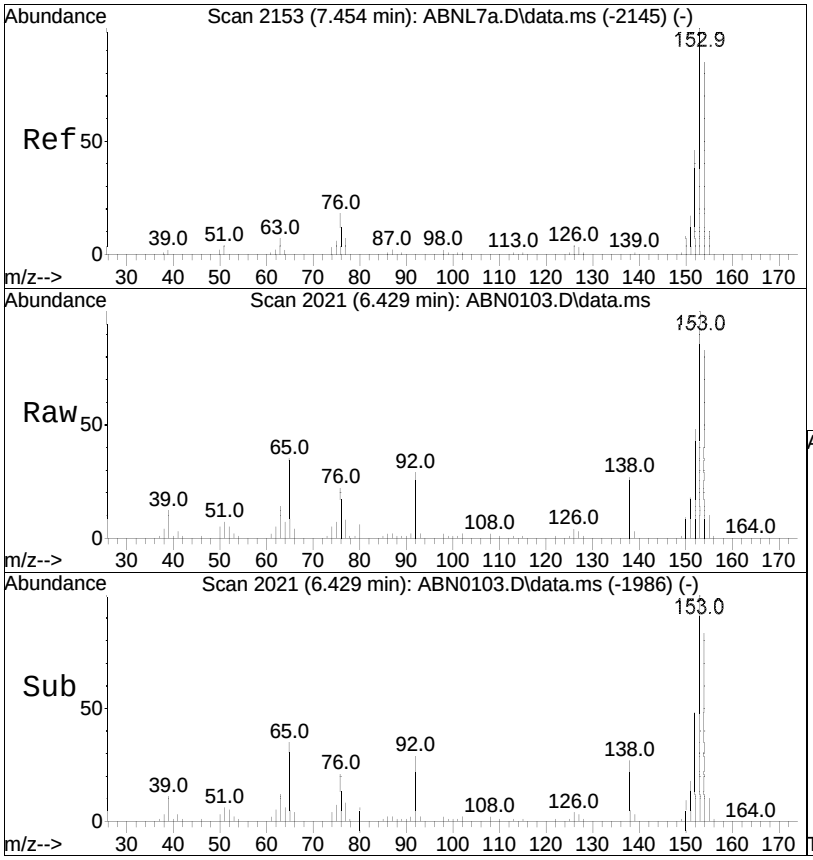


#64
3-Nitroaniline
Concen: 56.16 ug/ml
RT: 6.427 min Scan# 2020
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:138 Resp: 223127

Ion	Ratio	Lower	Upper
138	100		
92	112.7	95.4	143.2
108	8.9	8.6	12.8

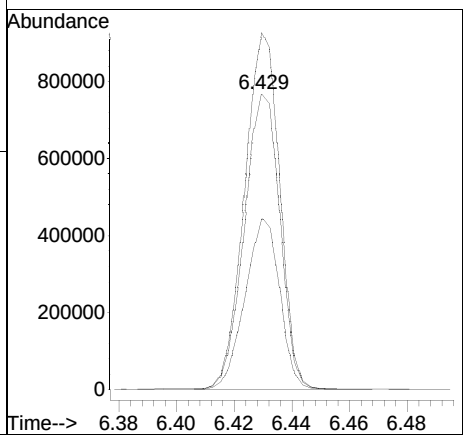


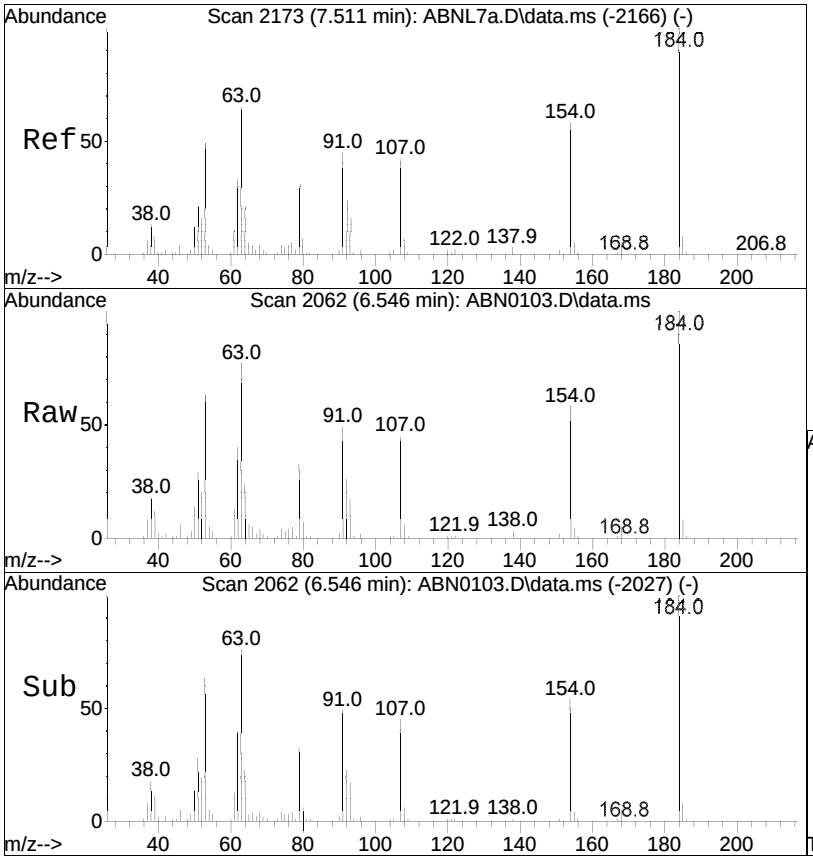


#65
Acenaphthene
Concen: 47.16 ug/ml
RT: 6.429 min Scan# 2021
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:154 Resp: 657505

Ion	Ratio	Lower	Upper
154	100		
153	119.5	91.3	136.9
152	56.6	41.0	61.4

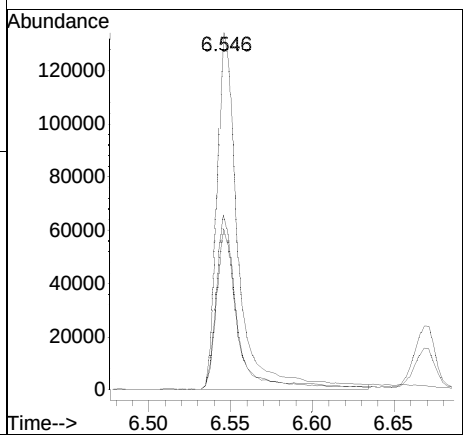


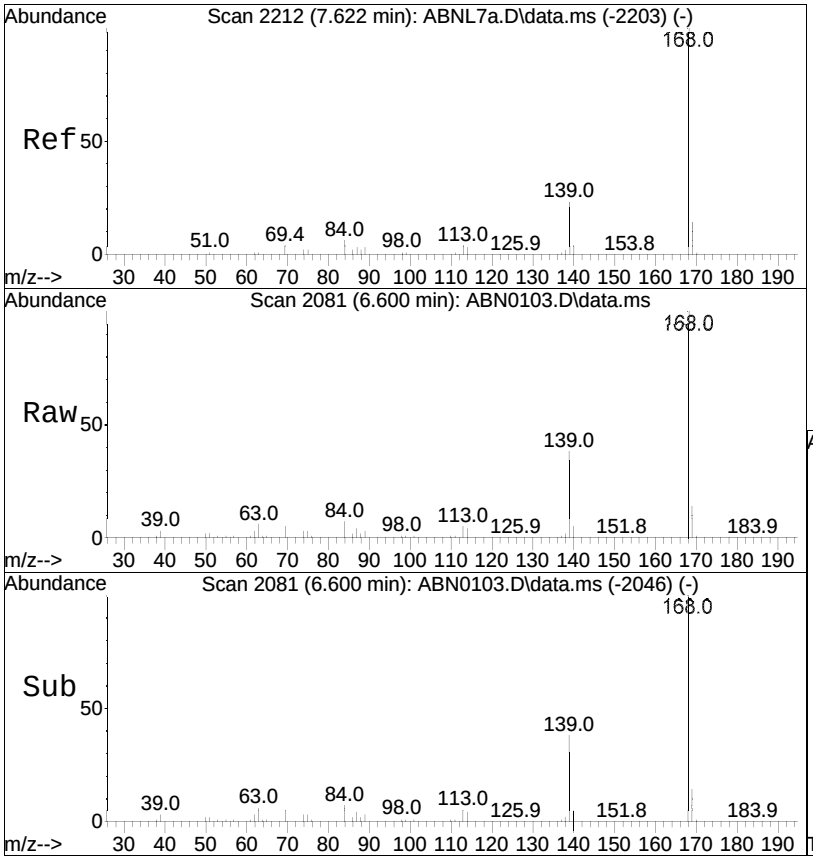


#66
2,4-Dinitrophenol
Concen: 66.31 ug/ml
RT: 6.546 min Scan# 2062
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:184 Resp: 122849

Ion	Ratio	Lower	Upper
184	100		
107	44.8	41.8	62.6
91	45.7	46.1	69.1#

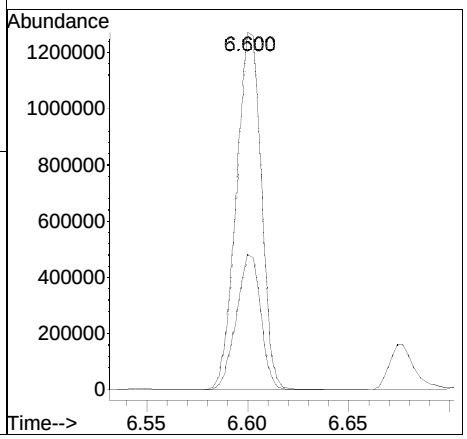


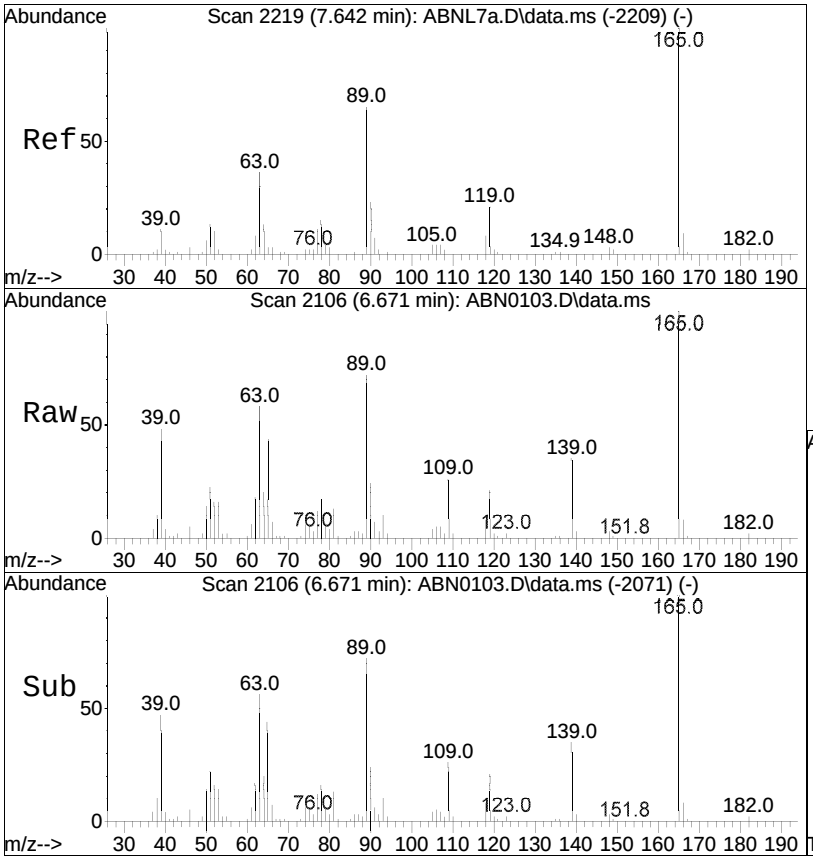


#67
Dibenzofuran
Concen: 47.59 ug/ml
RT: 6.600 min Scan# 2081
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:168 Resp: 1085765

Ion	Ratio	Lower	Upper
168	100		
139	37.2	33.2	49.8

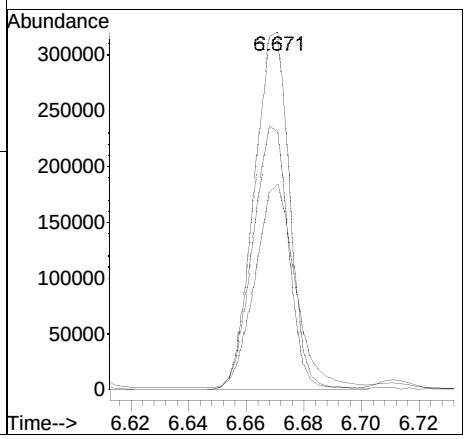


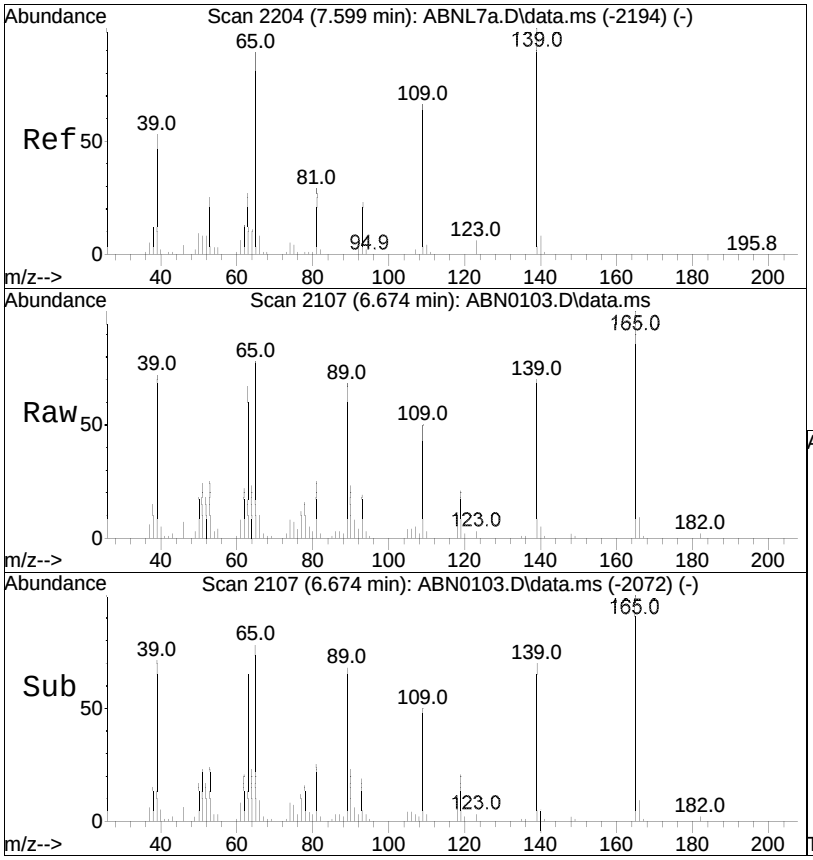


#68
2,4-Dinitrotoluene
Concen: 59.87 ug/ml
RT: 6.671 min Scan# 2106
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:165 Resp: 272600

Ion	Ratio	Lower	Upper
165	100		
89	74.3	75.7	113.5#
63	65.0	62.6	94.0

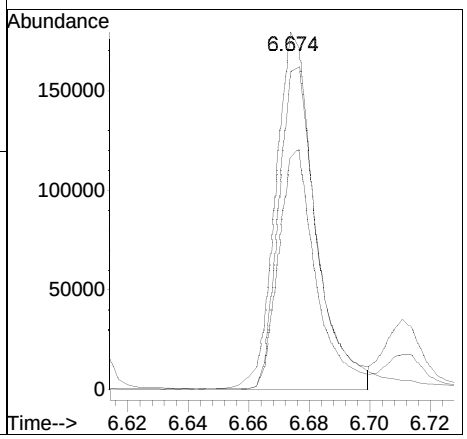


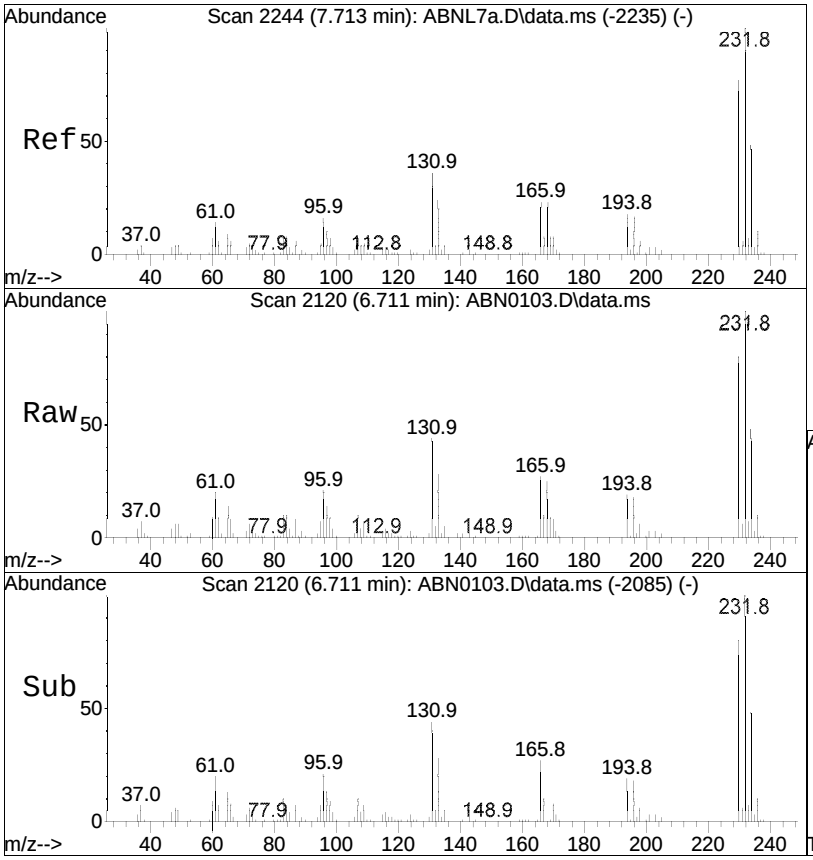


#69
4-Nitrophenol
Concen: 58.22 ug/ml
RT: 6.674 min Scan# 2107
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion: 65 Resp: 163131

Ion	Ratio	Lower	Upper
65	100		
109	63.6	55.4	83.2
139	91.9	72.9	109.3

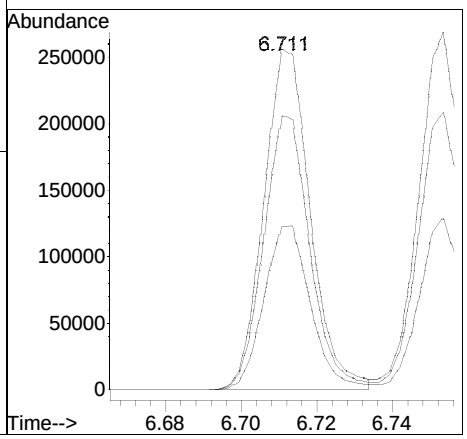


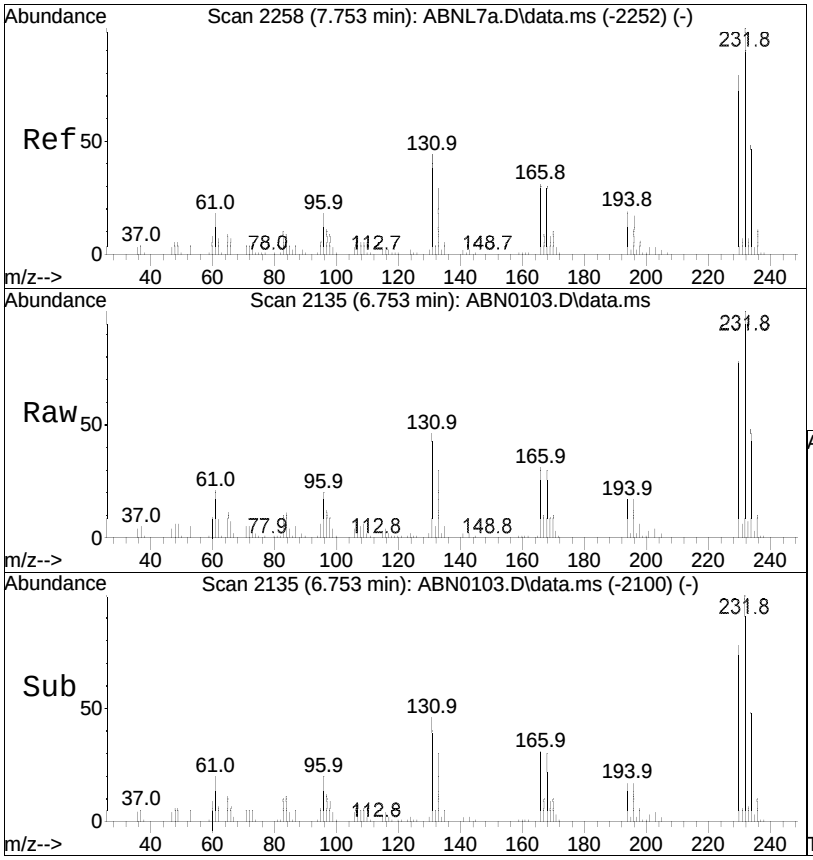


#70
2,3,5,6-Tetrachlorophenol
Concen: 50.60 ug/ml
RT: 6.711 min Scan# 2120
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:232 Resp: 219018

Ion	Ratio	Lower	Upper
232	100		
230	79.7	65.0	97.6
234	48.5	37.8	56.8

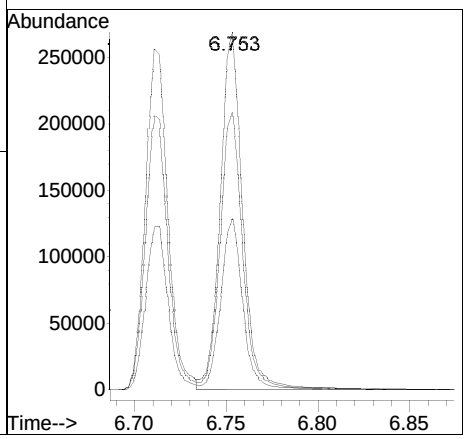


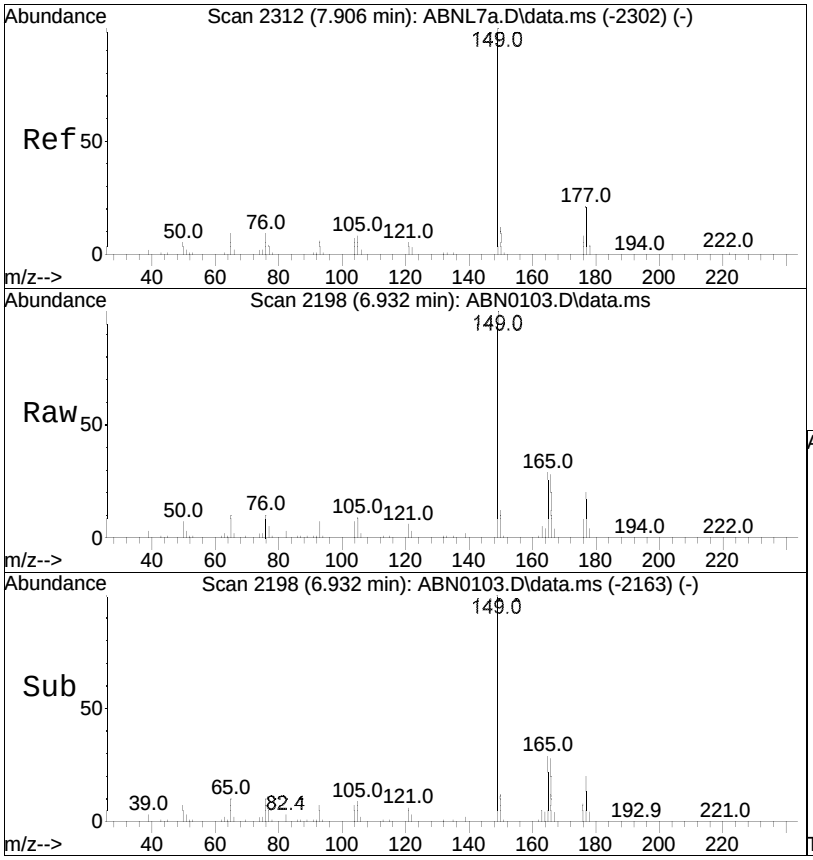


#71
2,3,4,6-Tetrachlorophenol
Concen: 51.80 ug/ml
RT: 6.753 min Scan# 2135
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:232 Resp: 225859

Ion	Ratio	Lower	Upper
232	100		
230	79.1	63.7	95.5
234	47.4	38.4	57.6

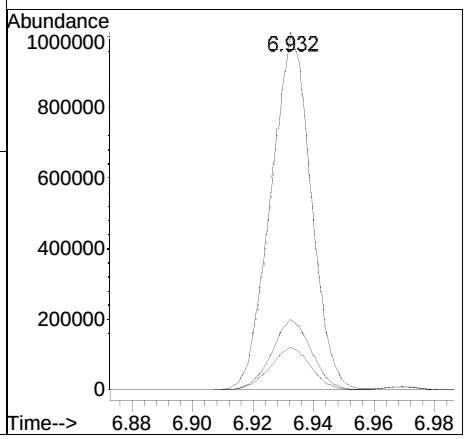


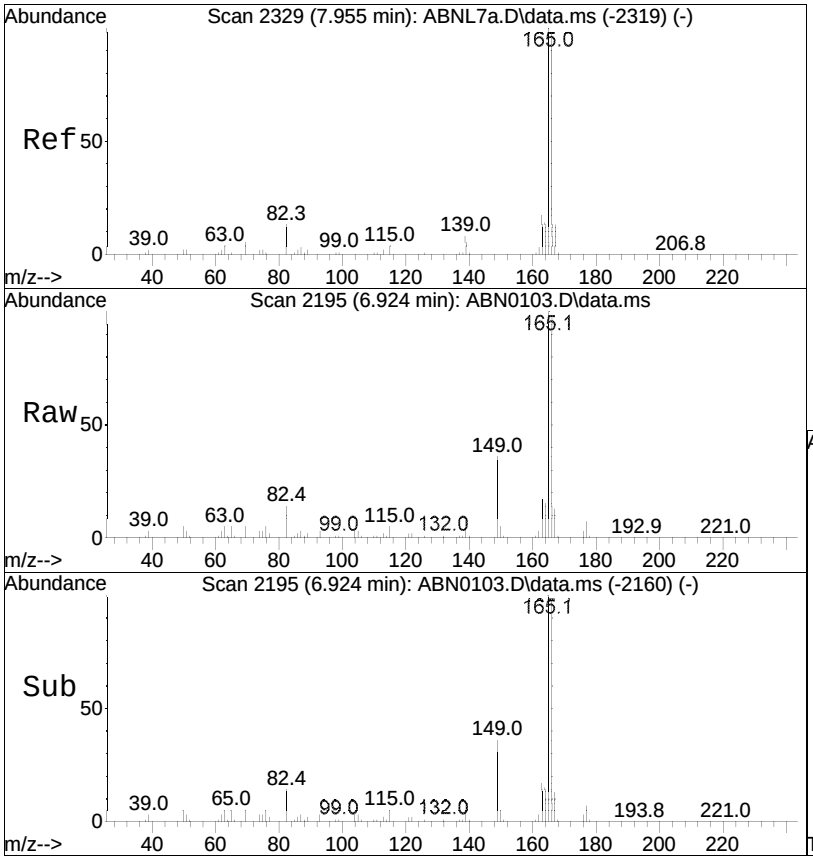


#72
Diethyl phthalate
Concen: 51.68 ug/ml
RT: 6.932 min Scan# 2198
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:149 Resp: 924728

Ion	Ratio	Lower	Upper
149	100		
177	19.7	15.5	23.3
150	12.2	9.5	14.3

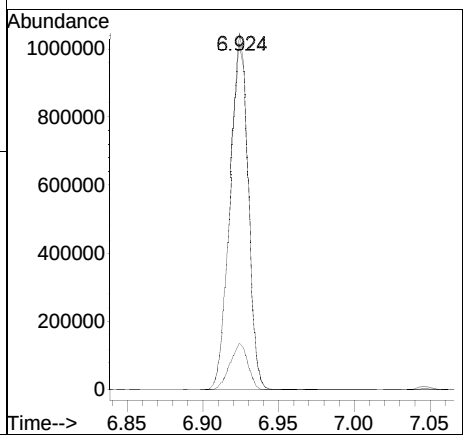


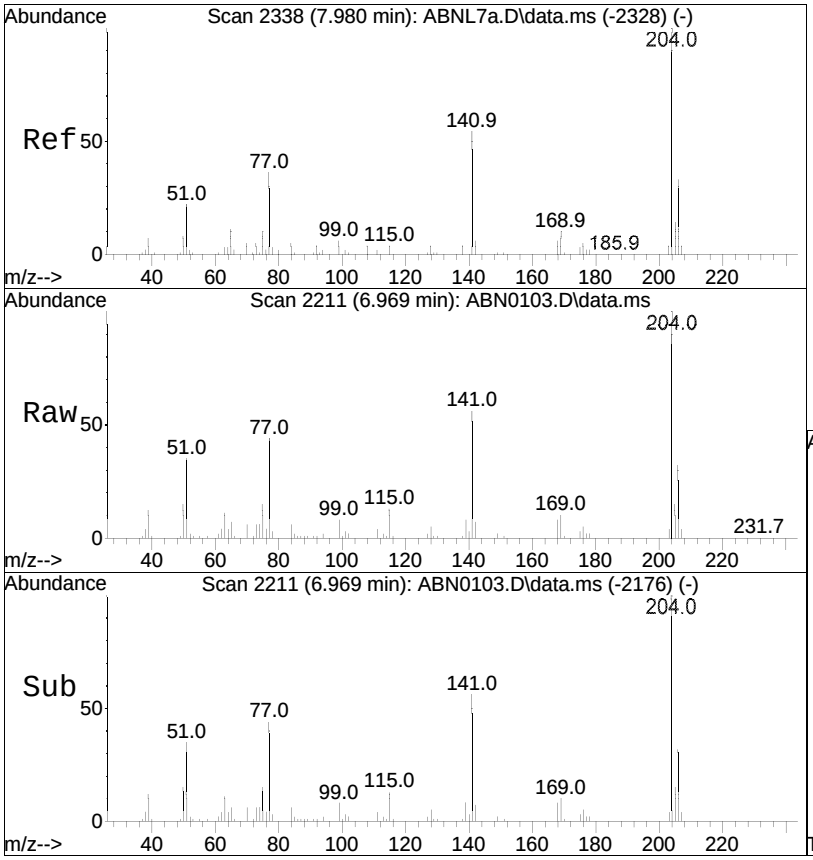


#73
Fluorene
Concen: 48.43 ug/ml
RT: 6.924 min Scan# 2195
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:166 Resp: 862246

Ion	Ratio	Lower	Upper
166	100		
165	102.0	79.3	118.9
167	13.3	10.6	16.0

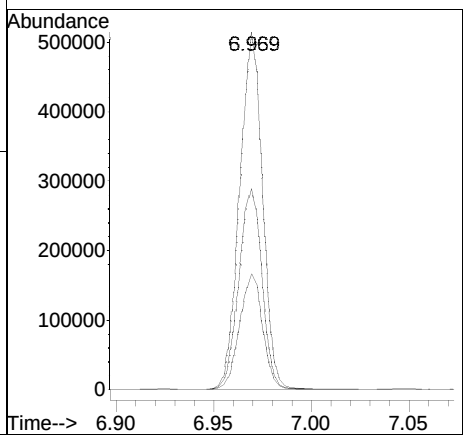


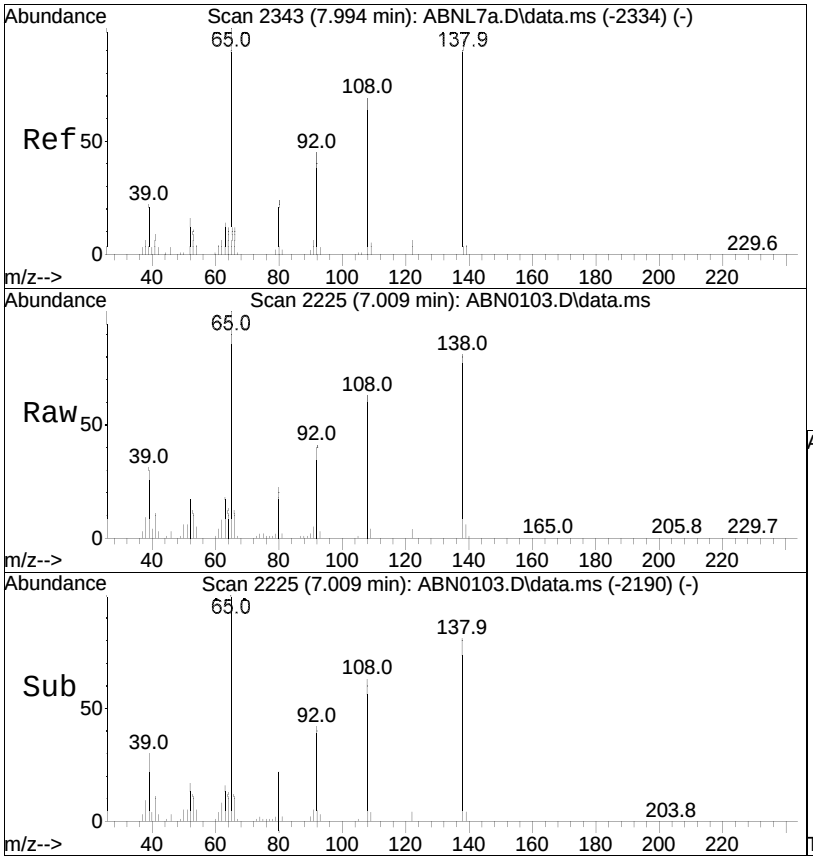


#74
4-Chlorophenyl phenyl ether
Concen: 45.75 ug/ml
RT: 6.969 min Scan# 2211
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:204 Resp: 414029

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.4
141	57.2	57.2	85.8

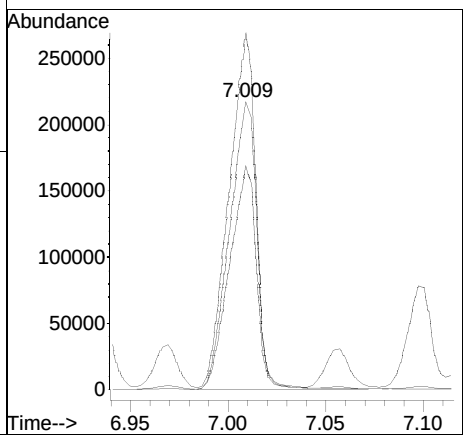


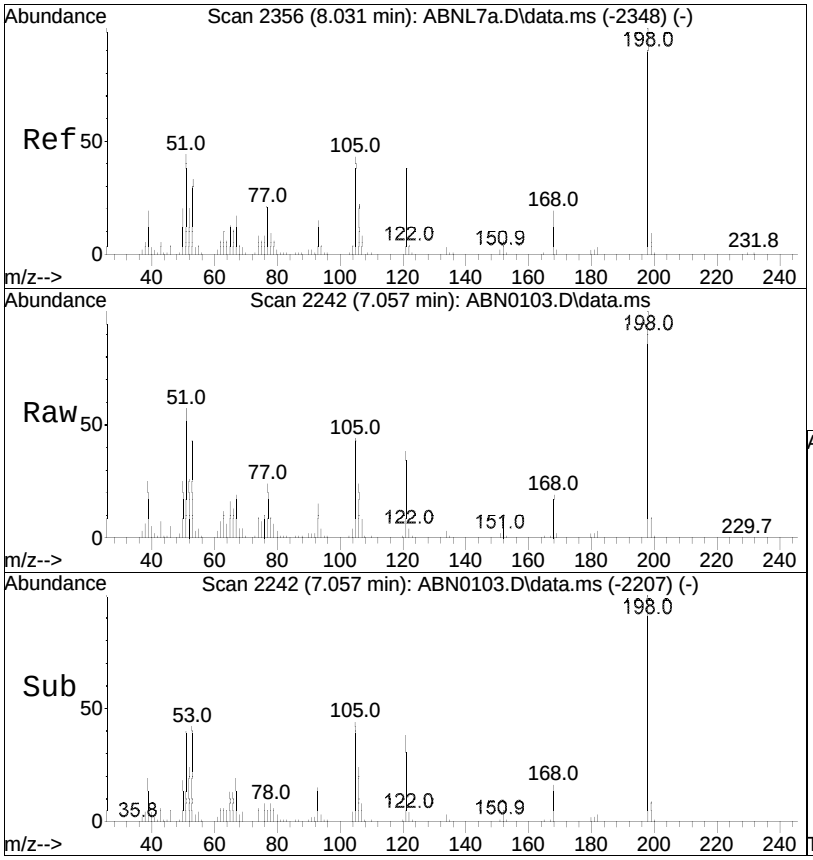


#75
4-Nitroaniline
Concen: 56.55 ug/ml
RT: 7.009 min Scan# 2225
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:138 Resp: 209918

Ion	Ratio	Lower	Upper
138	100		
108	76.3	62.7	94.1
65	120.0	107.8	161.6

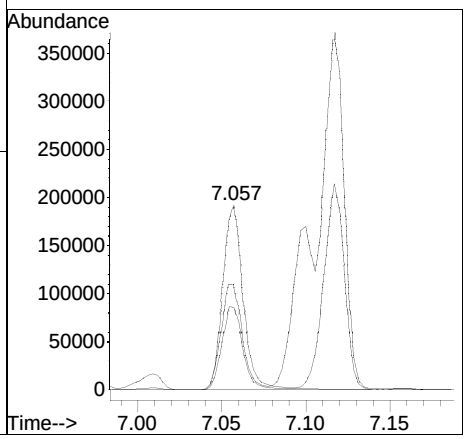


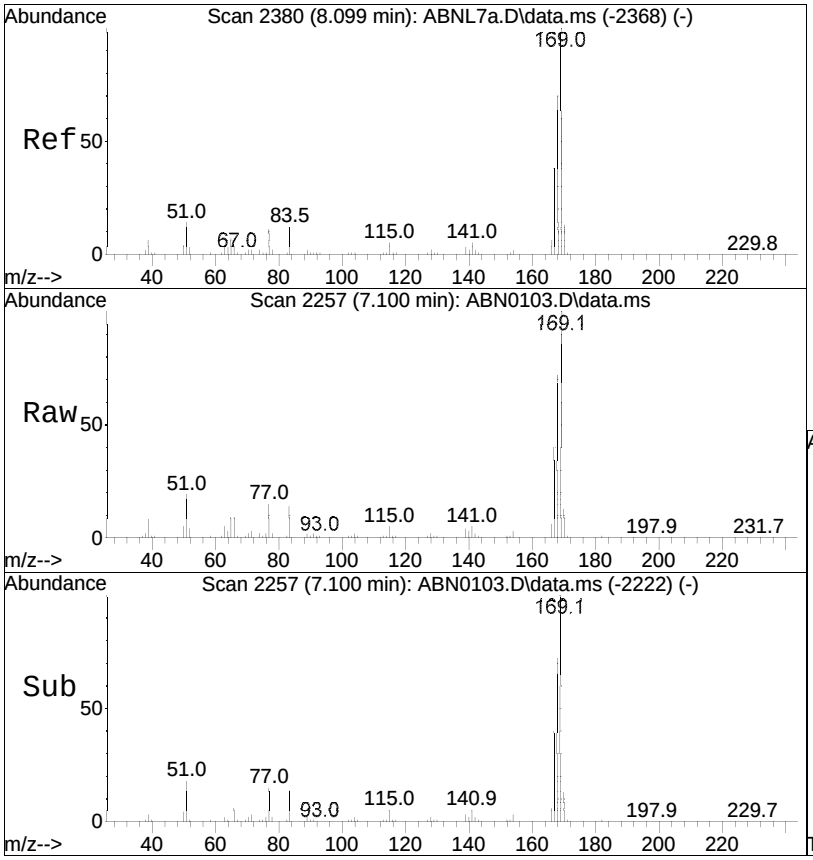


#76
4,6-Dinitro-o-cresol
Concen: 70.83 ug/ml
RT: 7.057 min Scan# 2242
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:198 Resp: 164063

Ion	Ratio	Lower	Upper
198	100		
51	58.4	59.0	88.4#
105	45.8	45.0	67.6

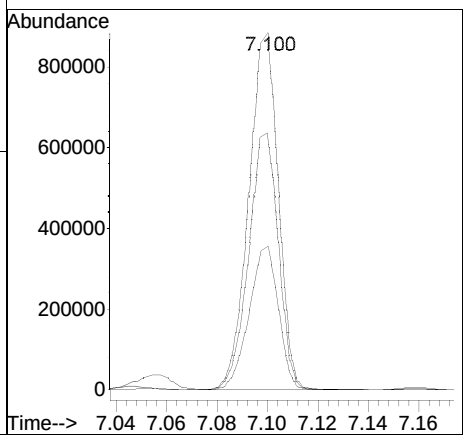


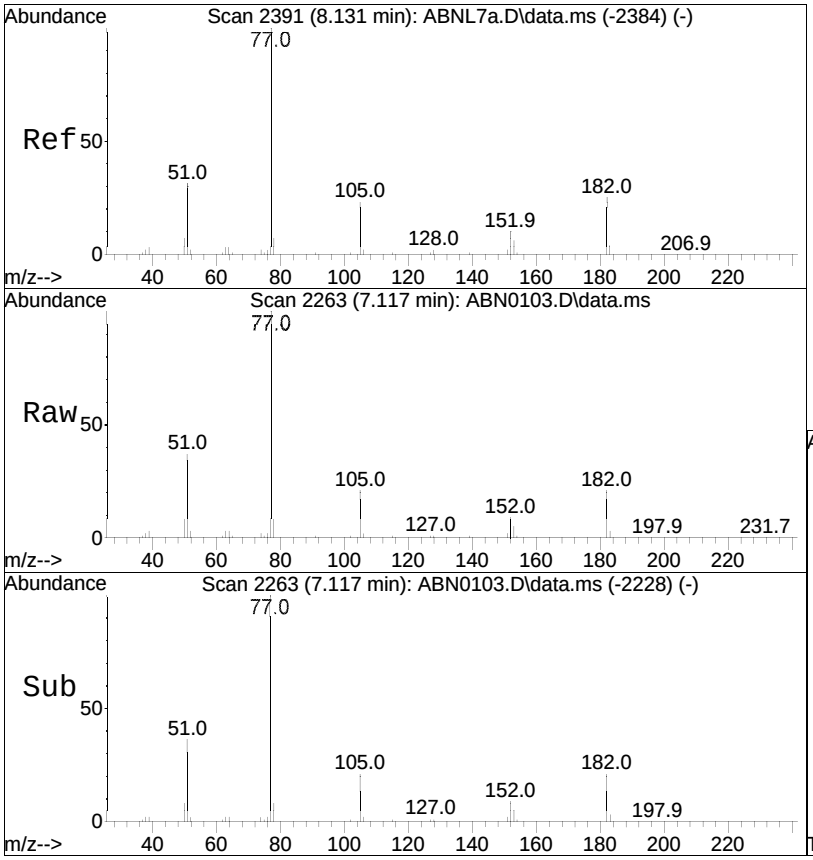


#77
NDPA/DPA
Concen: 47.45 ug/ml
RT: 7.100 min Scan# 2257
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:169 Resp: 719778

Ion	Ratio	Lower	Upper
169	100		
168	72.3	55.4	83.0
167	40.1	30.3	45.5

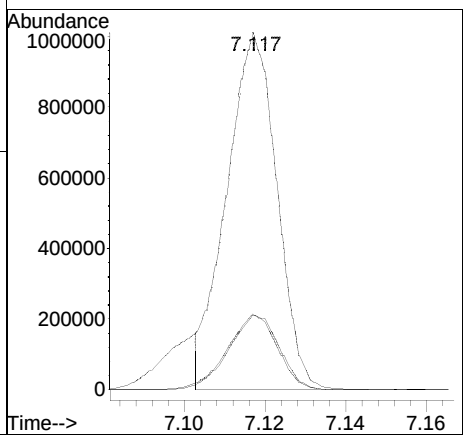


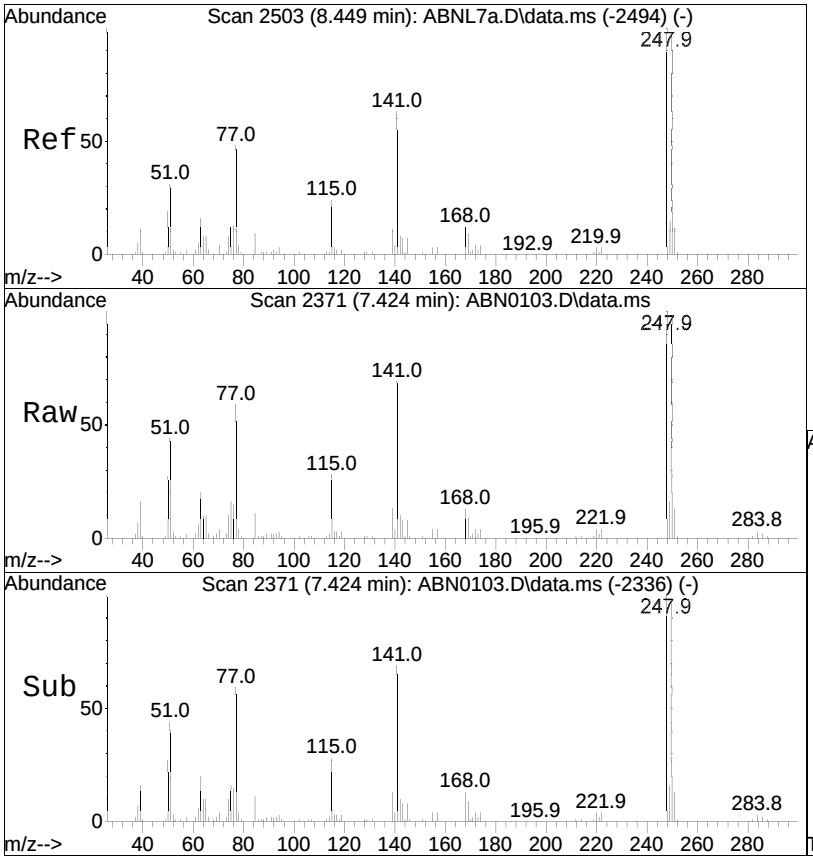


#78
Azobenzene
Concen: 54.12 ug/ml M6
RT: 7.117 min Scan# 2263
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion: 77 Resp: 863694

Ion	Ratio	Lower	Upper
77	100		
182	21.3	16.0	24.0
105	21.4	15.6	23.4

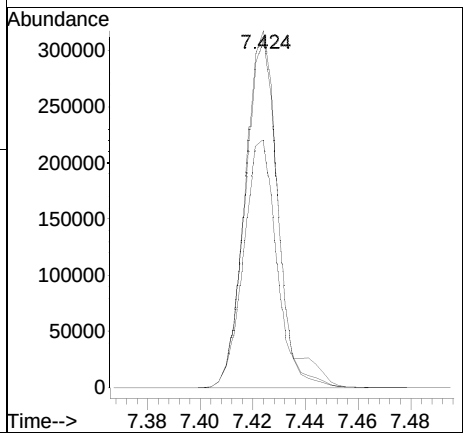


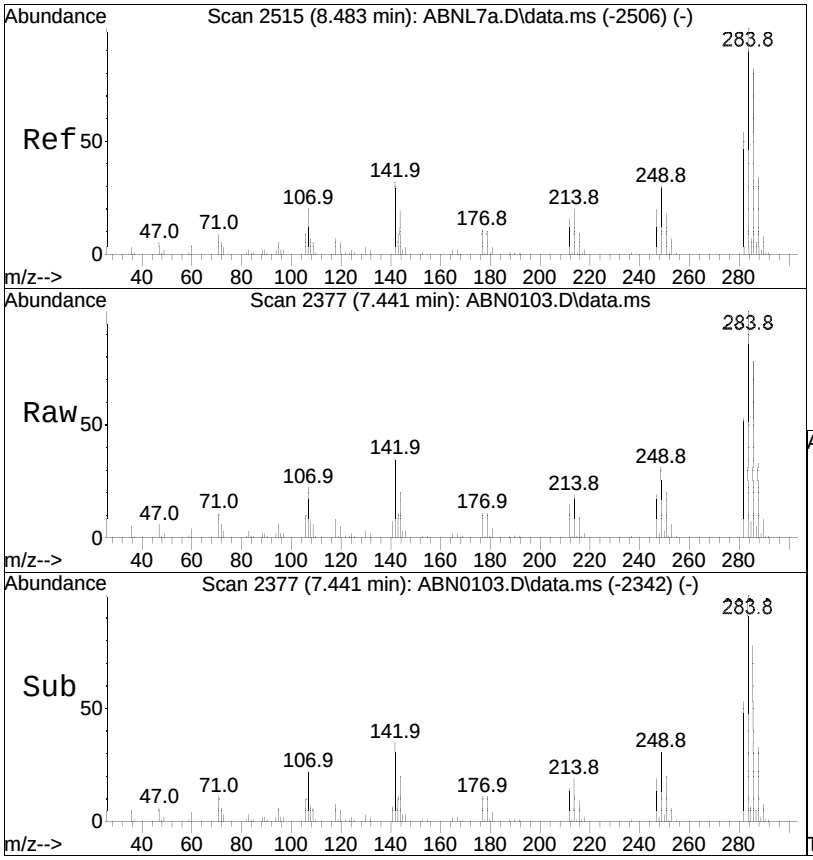


#80
4-Bromophenyl phenyl ether
Concen: 47.33 ug/ml
RT: 7.424 min Scan# 2371
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:248 Resp: 271940

Ion	Ratio	Lower	Upper
248	100		
141	75.2	76.8	115.2#
250	97.8	79.7	119.5

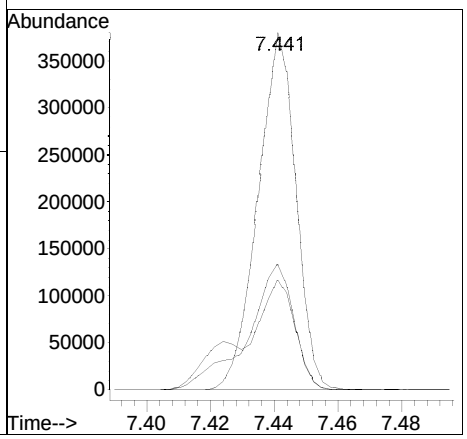


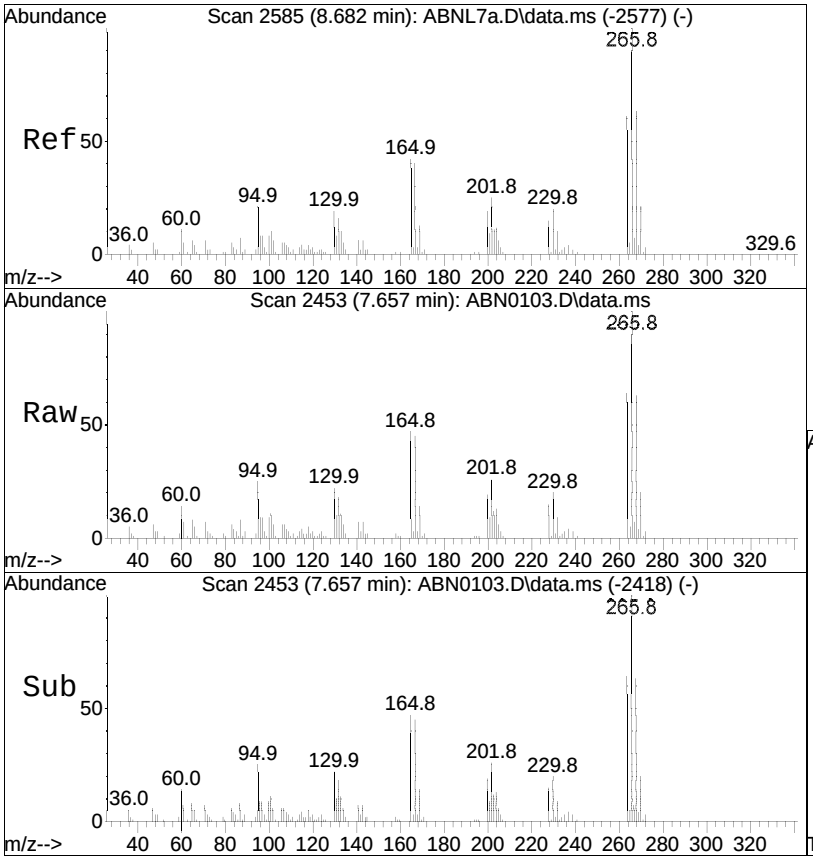


#81
Hexachlorobenzene
Concen: 47.21 ug/ml
RT: 7.441 min Scan# 2377
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:284 Resp: 314382

Ion	Ratio	Lower	Upper
284	100		
142	43.0	35.8	53.6
249	29.6	24.7	37.1

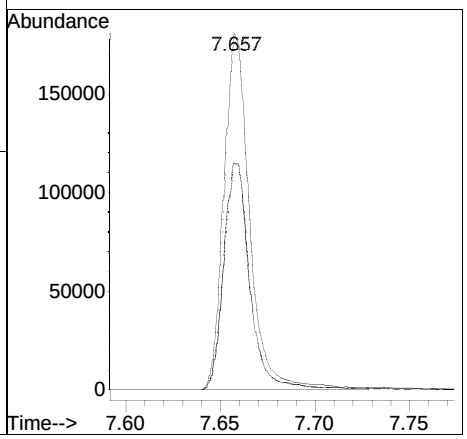


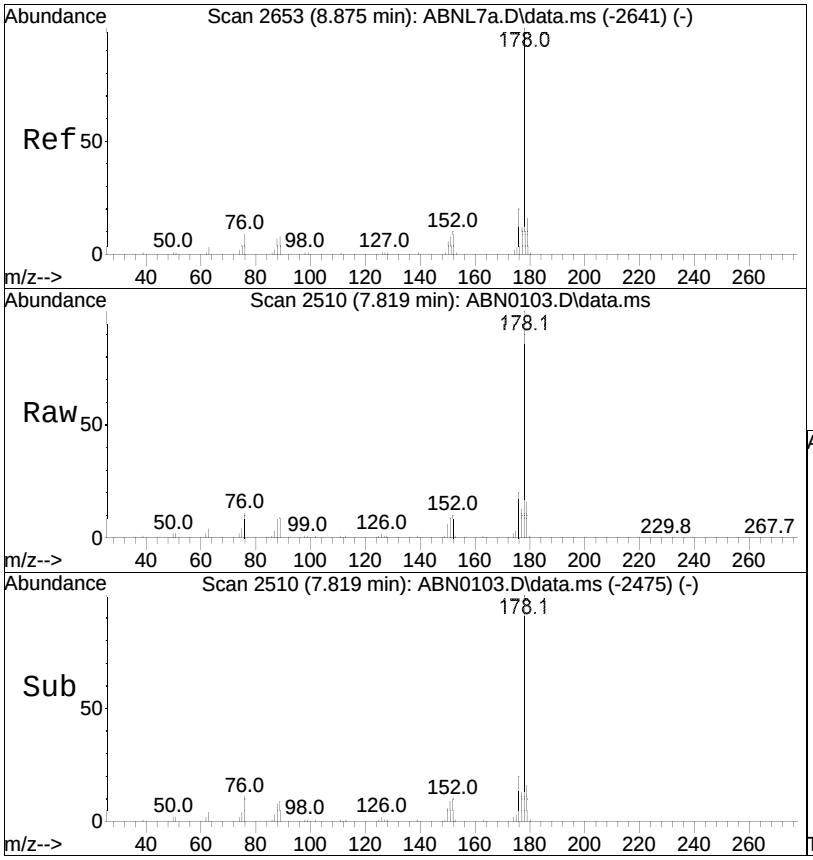


#82
Pentachlorophenol
Concen: 42.62 ug/ml
RT: 7.657 min Scan# 2453
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:266 Resp: 171477

Ion	Ratio	Lower	Upper
266	100		
264	64.4	51.8	77.6
268	64.6	49.8	74.8

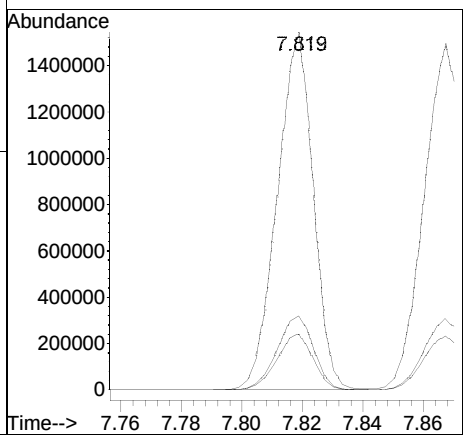


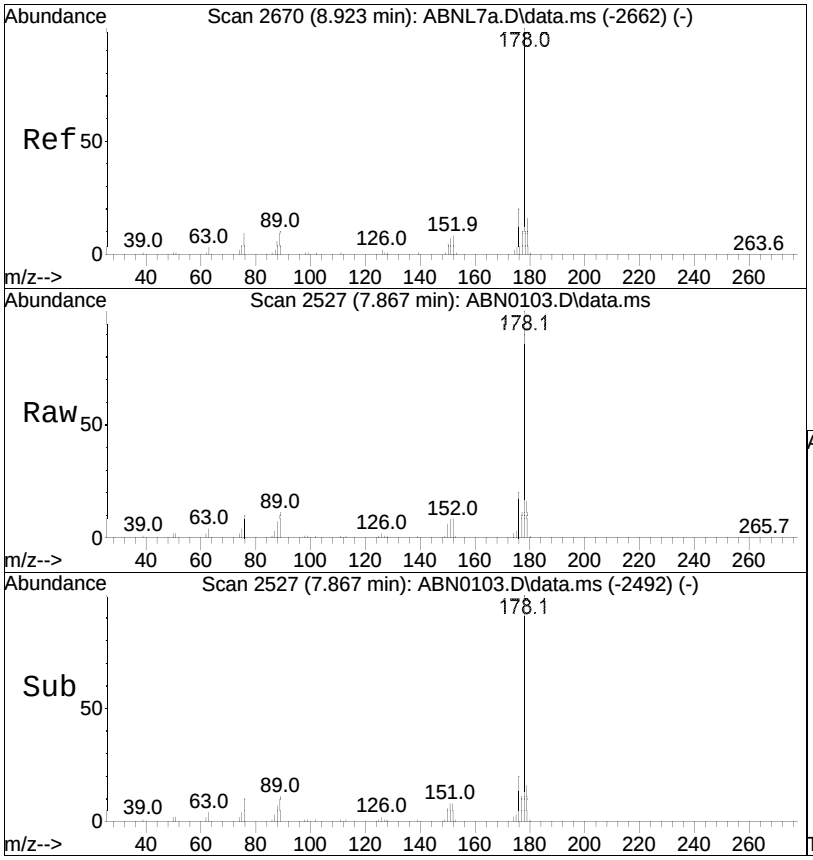


#89
Phenanthrene
Concen: 46.10 ug/ml
RT: 7.819 min Scan# 2510
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:178 Resp: 1275213

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.2
176	20.8	15.4	23.2

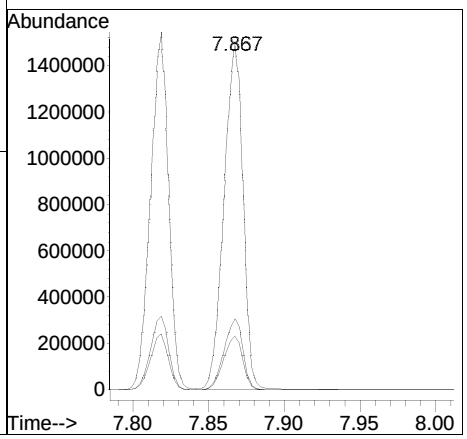


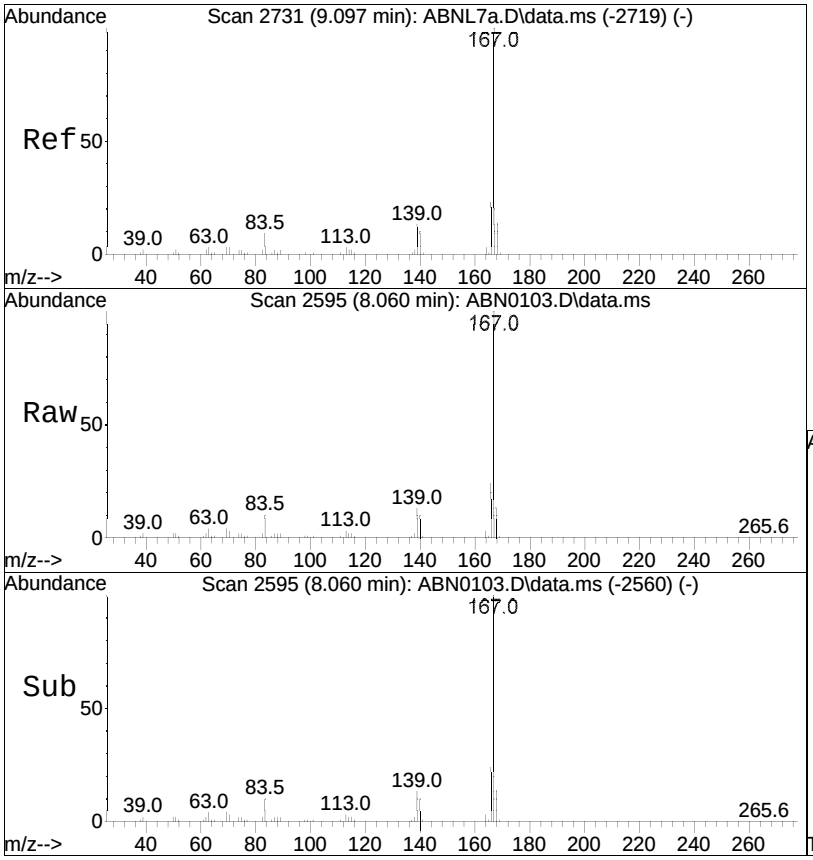


#90
Anthracene
Concen: 47.69 ug/ml
RT: 7.867 min Scan# 2527
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:178 Resp: 1309021

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	20.3	14.8	22.2

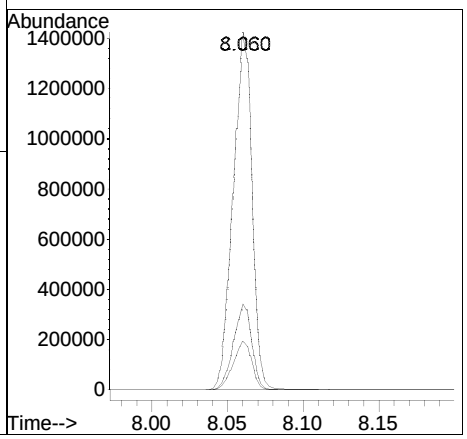


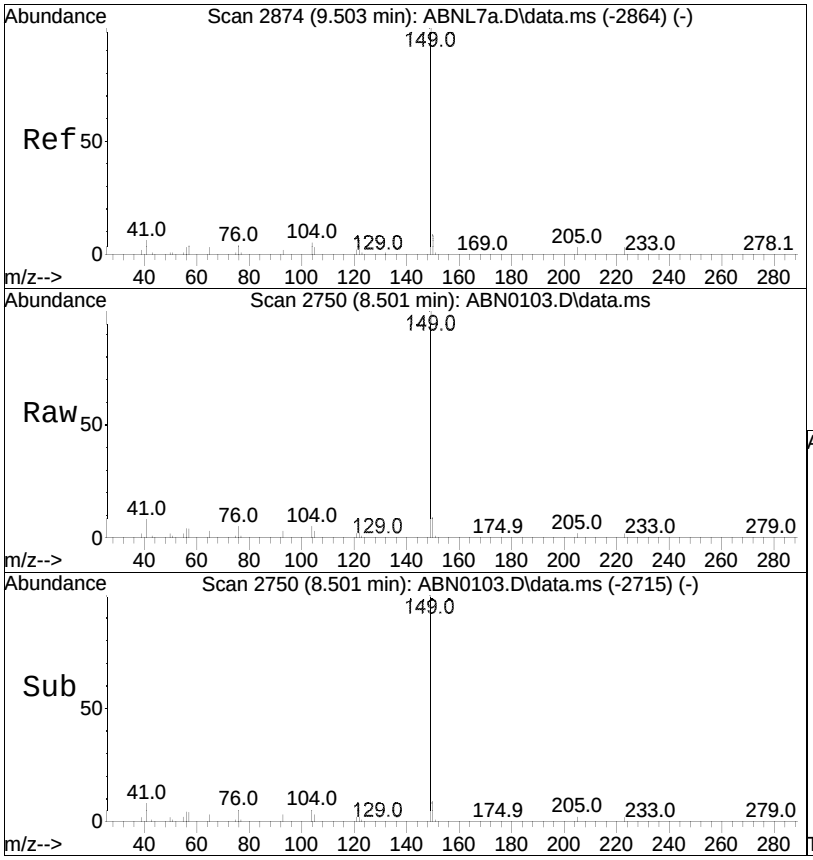


#91
Carbazole
Concen: 49.42 ug/ml
RT: 8.060 min Scan# 2595
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:167 Resp: 1229591

Ion	Ratio	Lower	Upper
167	100		
168	13.5	10.6	15.8
166	23.5	17.7	26.5

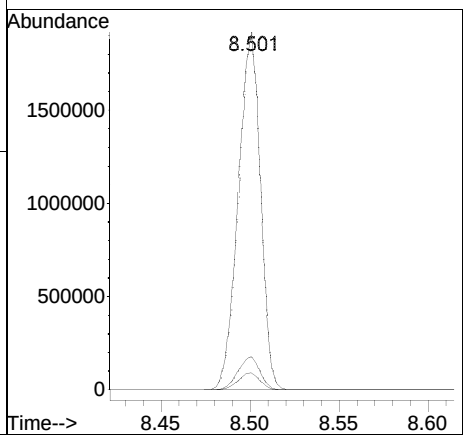


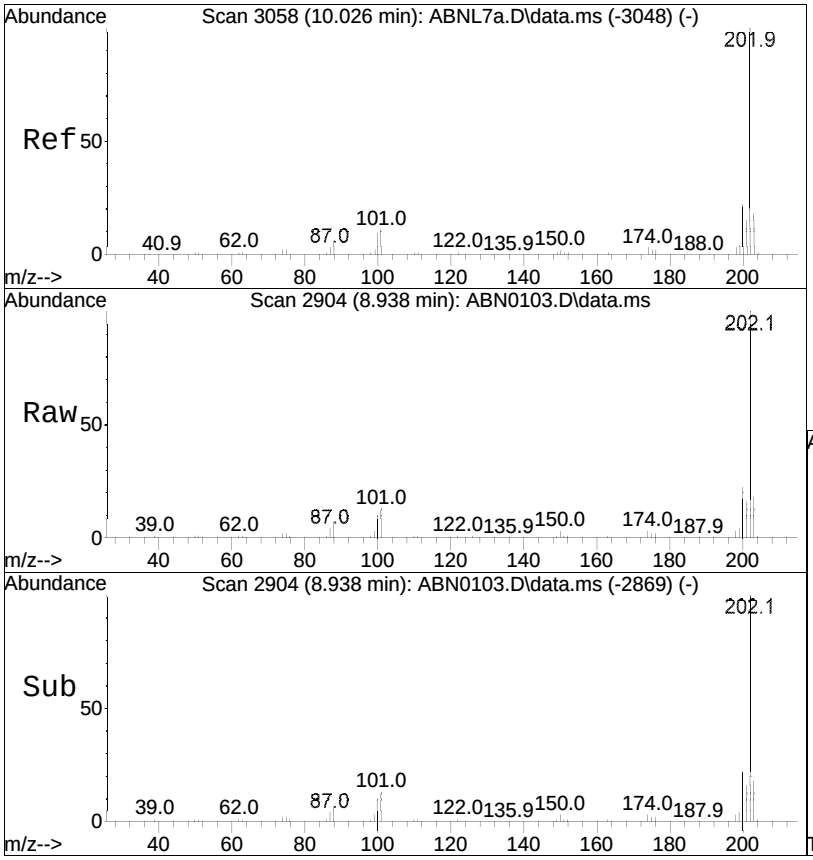


#92
Di-n-butylphthalate
Concen: 58.04 ug/ml
RT: 8.501 min Scan# 2750
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:149 Resp: 1633005

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	4.7	4.2	6.2

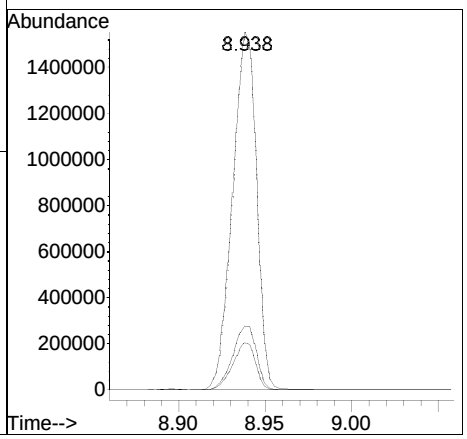


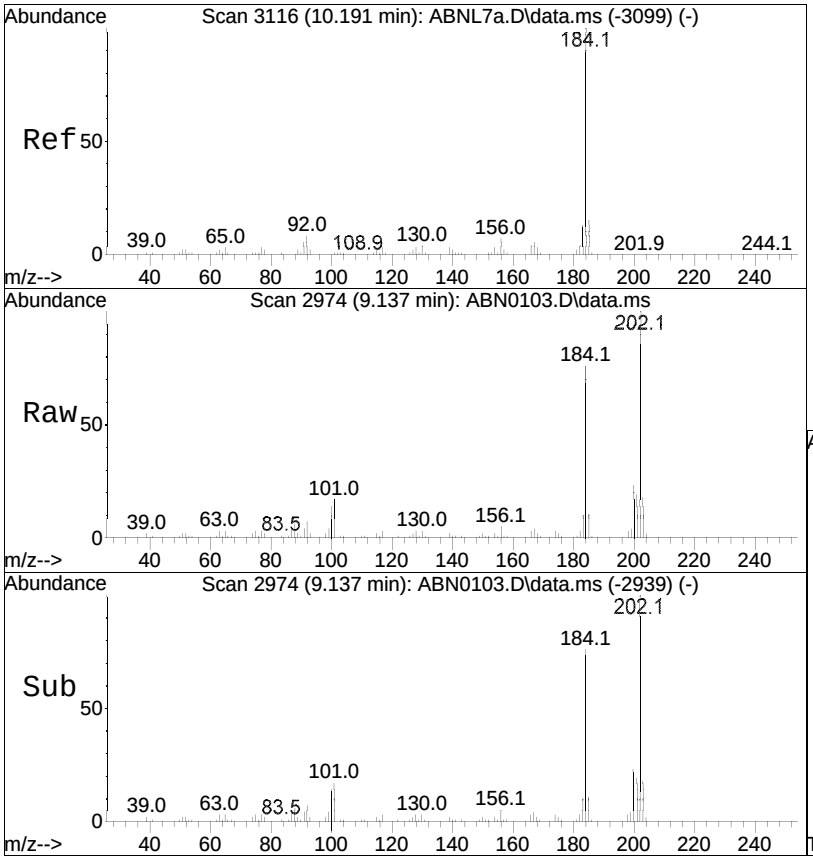


#93
Fluoranthene
Concen: 47.91 ug/ml
RT: 8.938 min Scan# 2904
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:202 Resp: 1484947

Ion	Ratio	Lower	Upper
202	100		
101	12.6	11.4	17.0
203	17.7	13.9	20.9

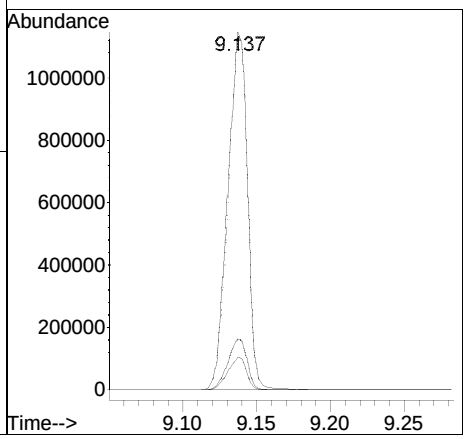


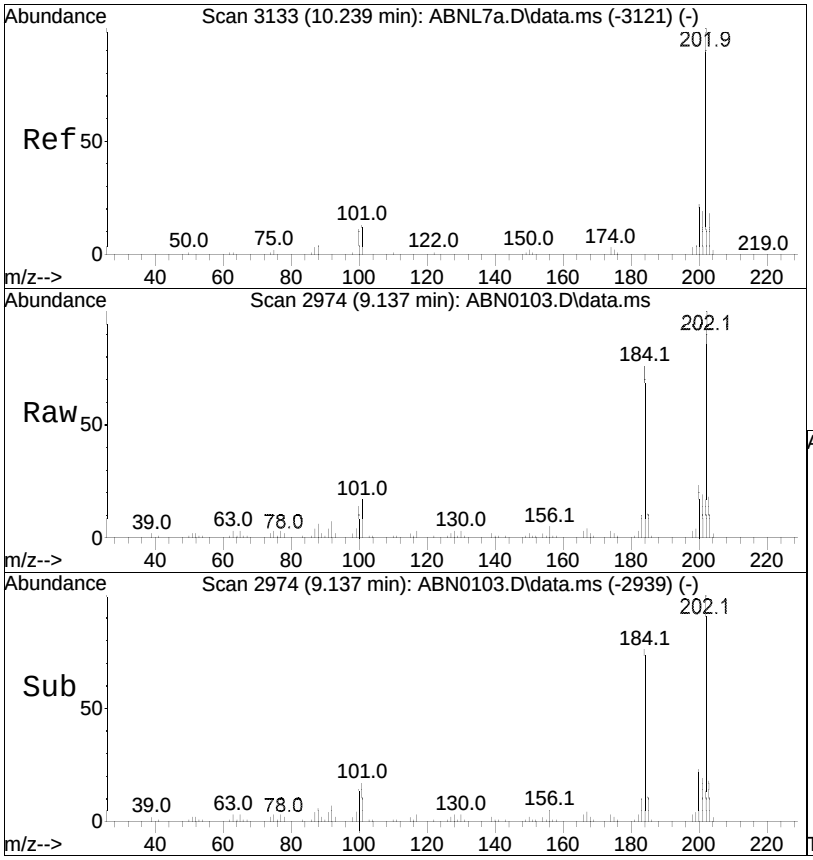


#94
Benzidine
Concen: 51.75 ug/ml
RT: 9.137 min Scan# 2974
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:184 Resp: 1042158

Ion	Ratio	Lower	Upper
184	100		
92	8.8	7.6	11.4
185	14.2	11.5	17.3

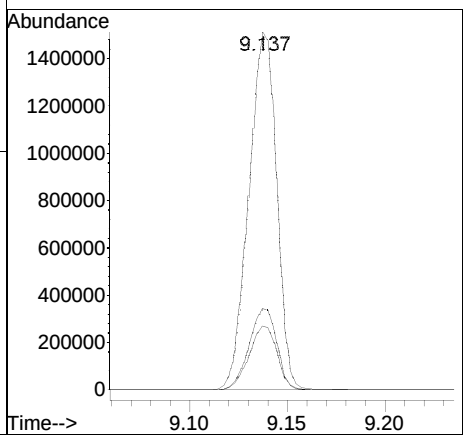


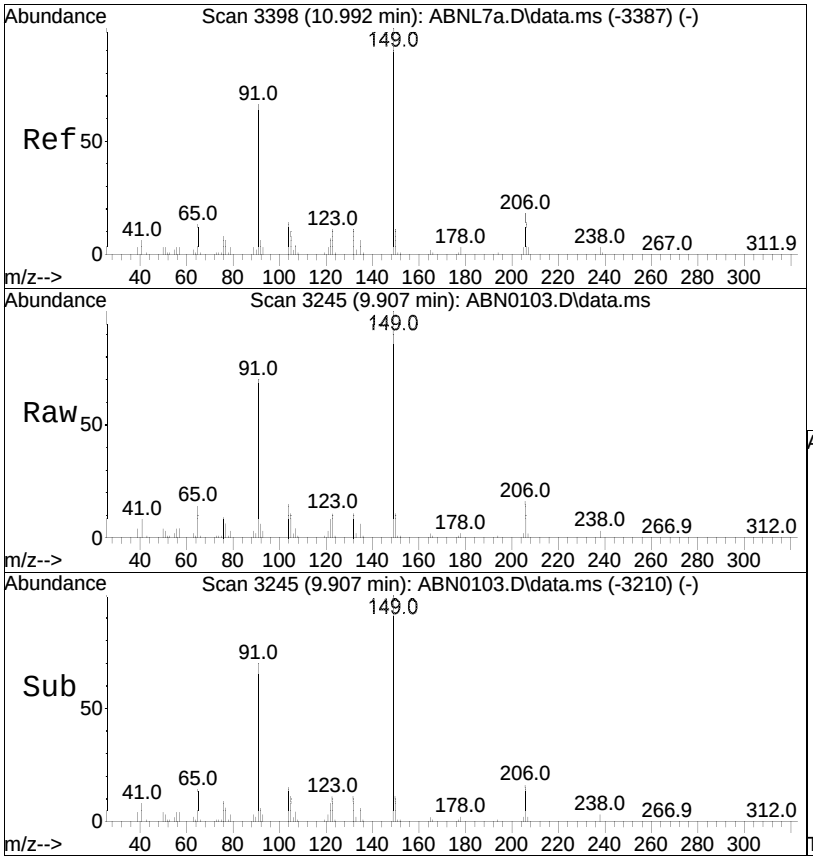


#95
Pyrene
Concen: 45.45 ug/ml
RT: 9.137 min Scan# 2974
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:202 Resp: 1487045

Ion	Ratio	Lower	Upper
202	100		
200	22.6	17.0	25.4
203	18.1	14.2	21.2

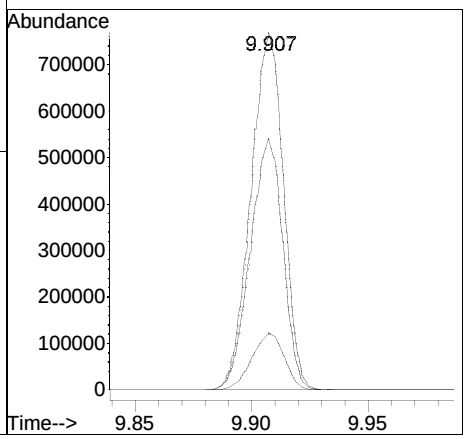


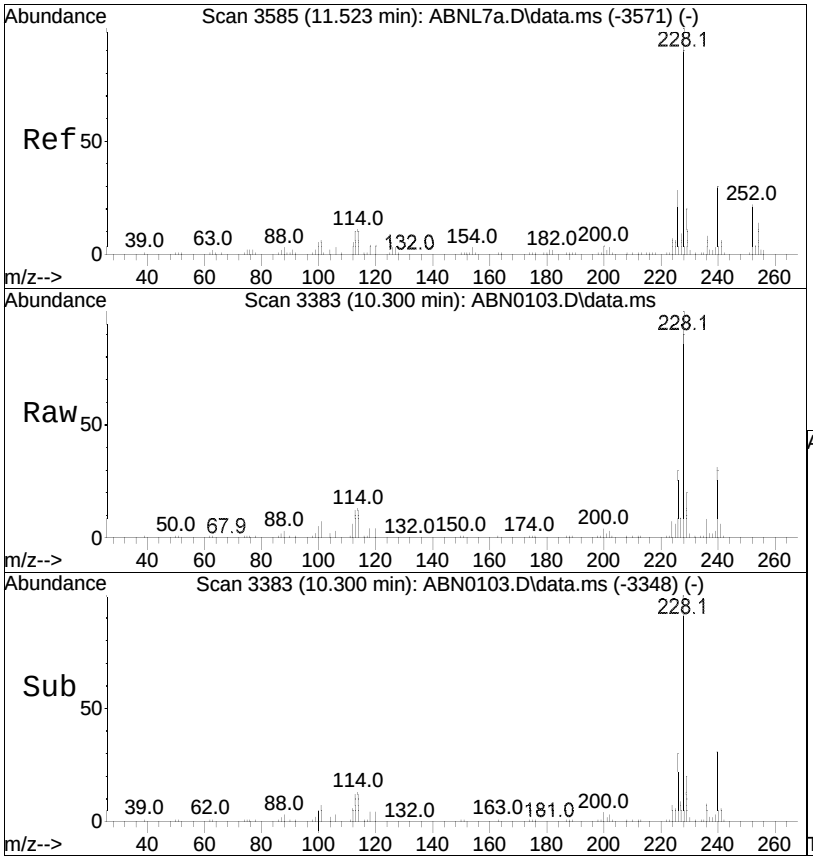


#97
Butyl benzyl phthalate
Concen: 59.30 ug/ml
RT: 9.907 min Scan# 3245
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:149 Resp: 739777

Ion	Ratio	Lower	Upper
149	100		
91	70.4	61.2	91.8
206	15.8	12.5	18.7

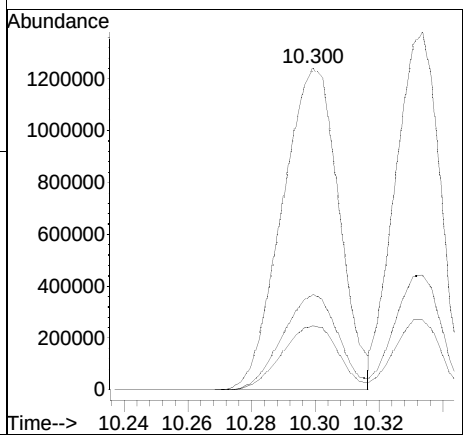


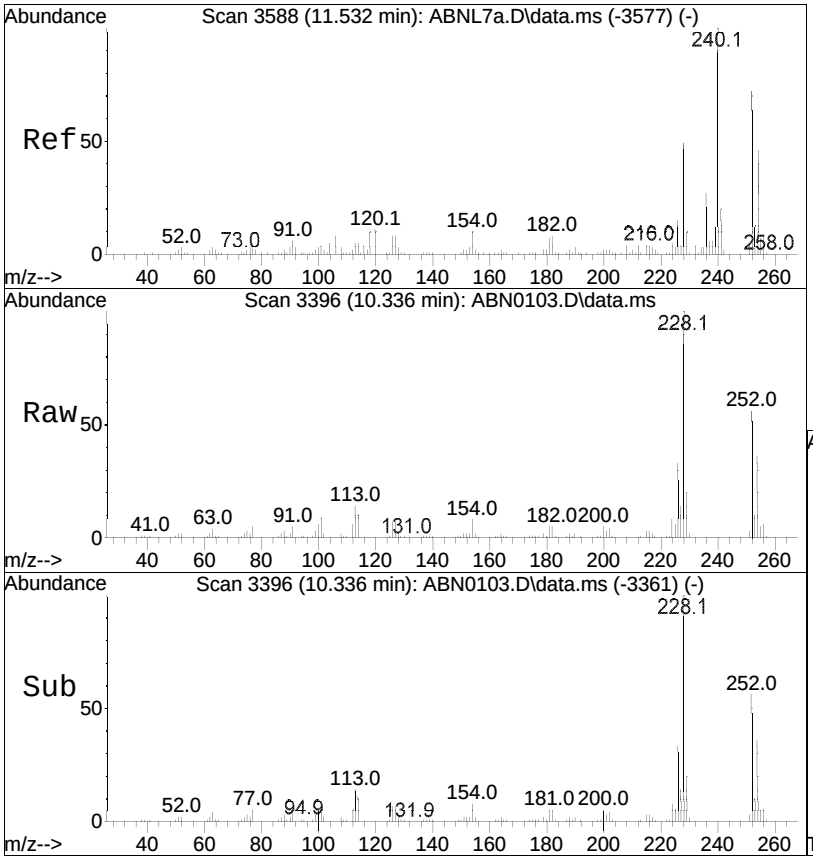


#105
Benzo(a)anthracene
Concen: 49.46 ug/ml
RT: 10.300 min Scan# 3383
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:228 Resp: 1535954

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.2	33.2
229	20.0	15.6	23.4

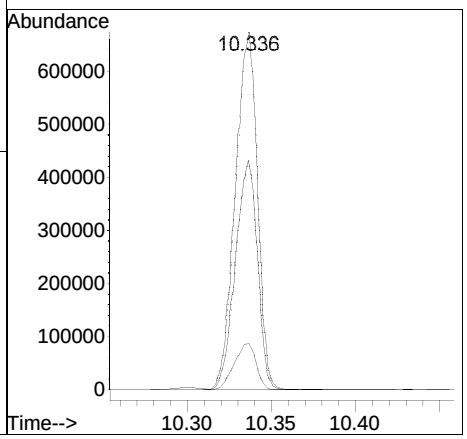


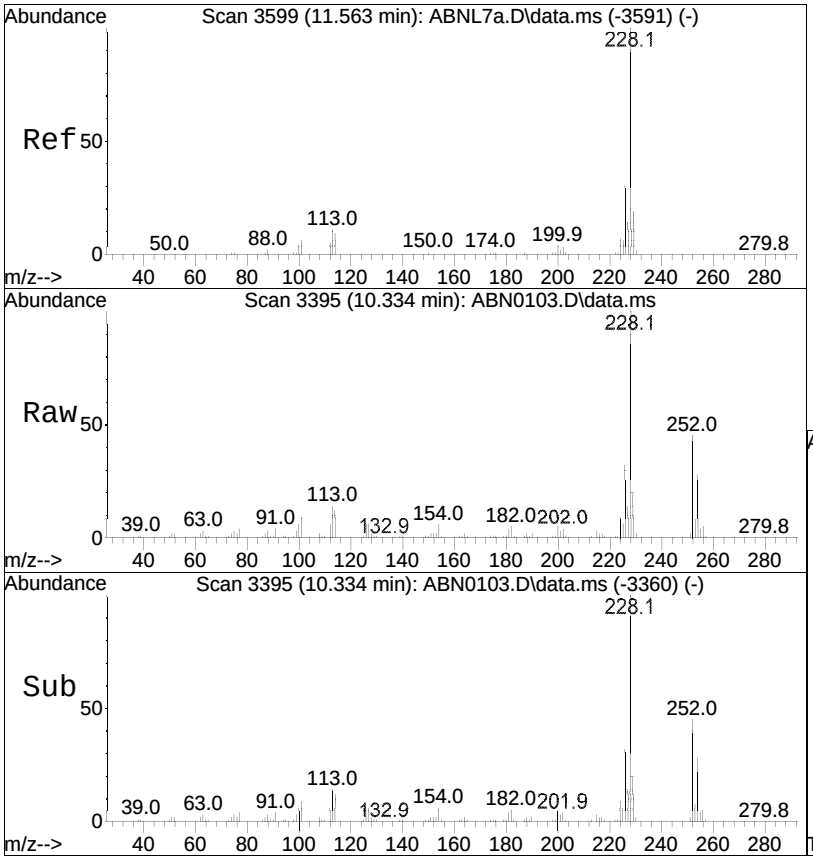


#106
3,3'-Dichlorobenzidine
Concen: 52.97 ug/ml
RT: 10.336 min Scan# 3396
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:252 Resp: 613614

Ion	Ratio	Lower	Upper
252	100		
126	13.1	13.8	20.6#
254	63.9	53.0	79.6

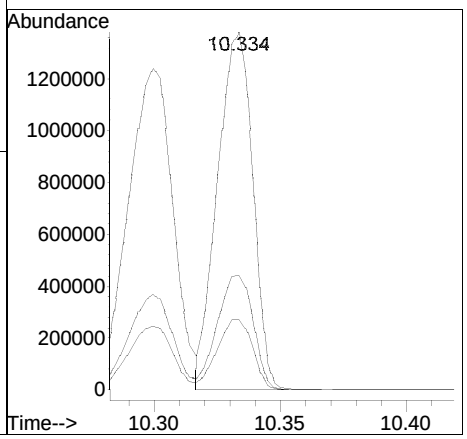


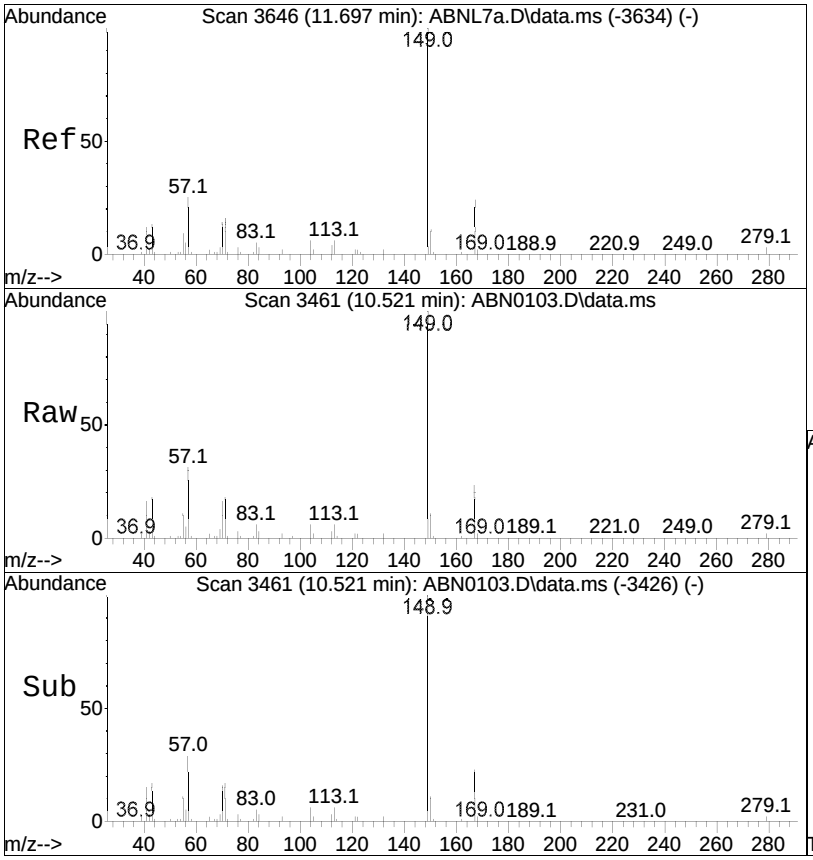


#107
Chrysene
Concen: 45.86 ug/ml
RT: 10.334 min Scan# 3395
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:228 Resp: 1340006

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.6	37.0
229	19.8	15.8	23.6

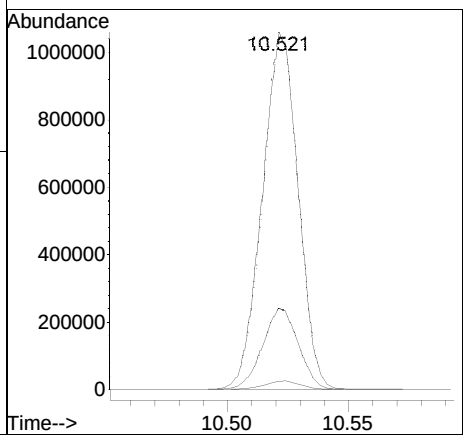


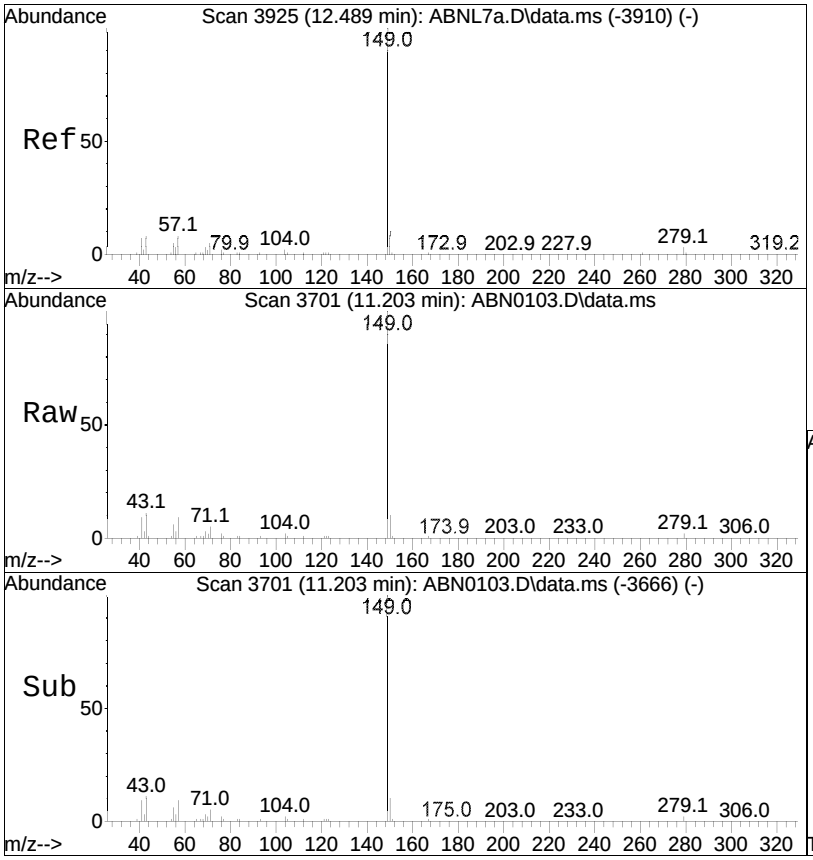


#108
Bis(2-ethylhexyl)phthalate
Concen: 64.42 ug/ml
RT: 10.521 min Scan# 3461
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:149 Resp: 1077137

Ion	Ratio	Lower	Upper
149	100		
167	22.9	19.4	29.0
279	2.2	2.3	3.5#

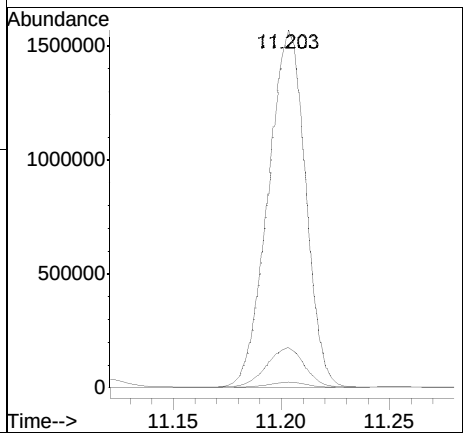


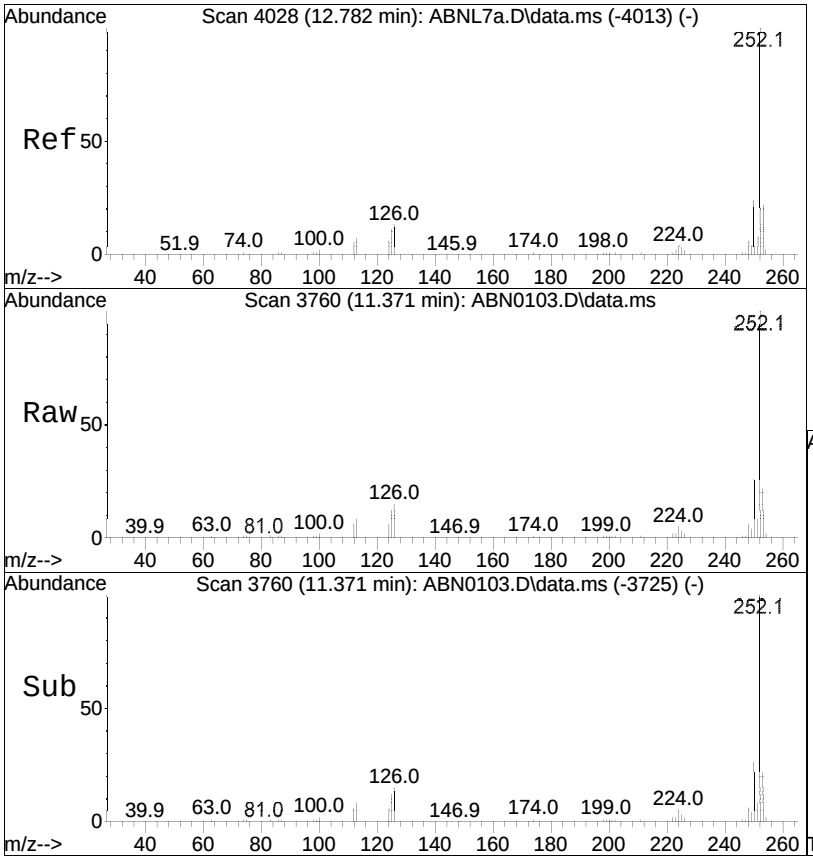


#109
Di-n-octylphthalate
Concen: 55.69 ug/ml
RT: 11.203 min Scan# 3701
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:149 Resp: 1868527

Ion	Ratio	Lower	Upper
149	100		
43	11.3	10.1	15.1
167	1.4	1.1	1.7

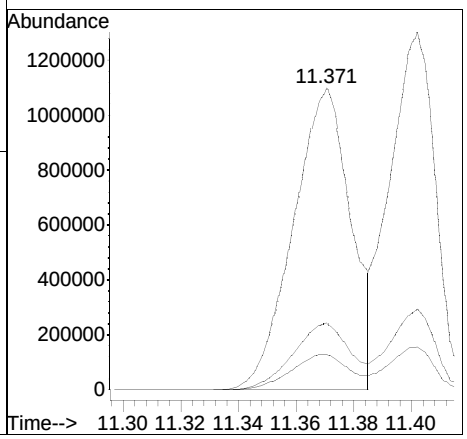


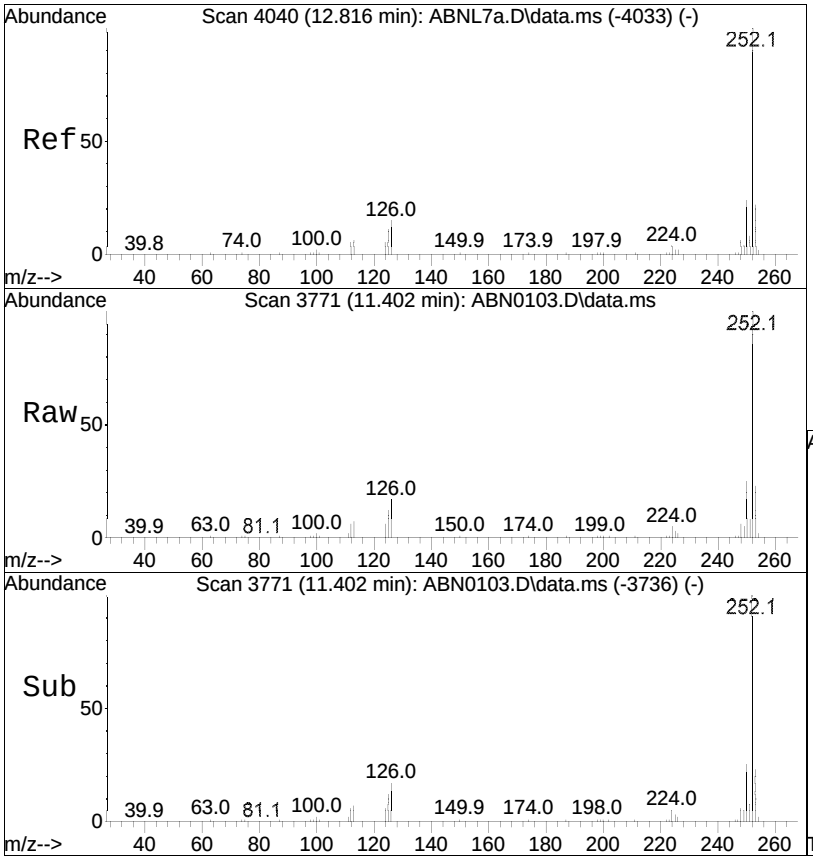


#110
Benzo(b)fluoranthene
Concen: 50.59 ug/ml
RT: 11.371 min Scan# 3760
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:252 Resp: 1527749

Ion	Ratio	Lower	Upper
252	100		
125	12.0	11.6	17.4
253	22.1	17.4	26.0

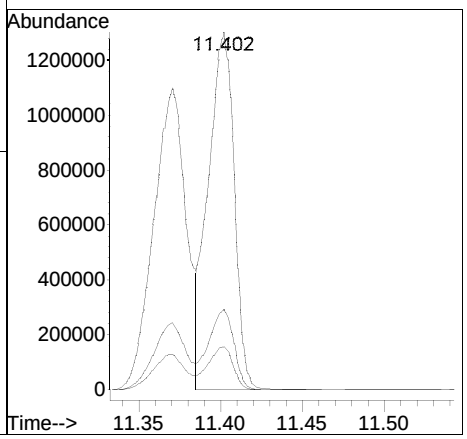


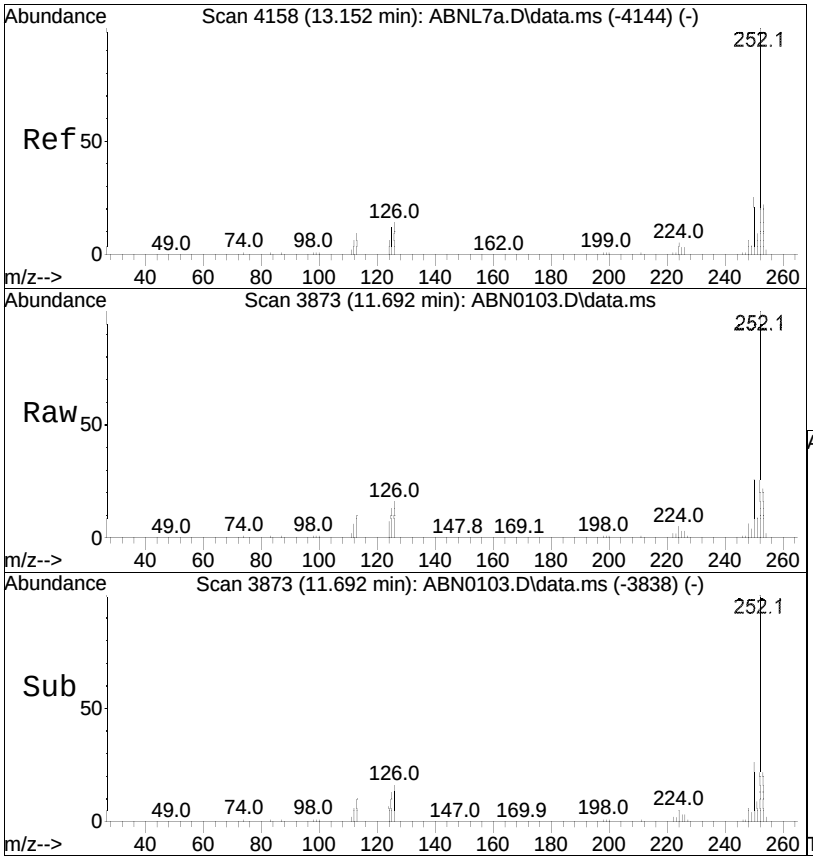


#111
Benzo(k)fluoranthene
Concen: 48.25 ug/ml
RT: 11.402 min Scan# 3771
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:252 Resp: 1422292

Ion	Ratio	Lower	Upper
252	100		
125	11.8	11.4	17.0
253	22.1	17.2	25.8

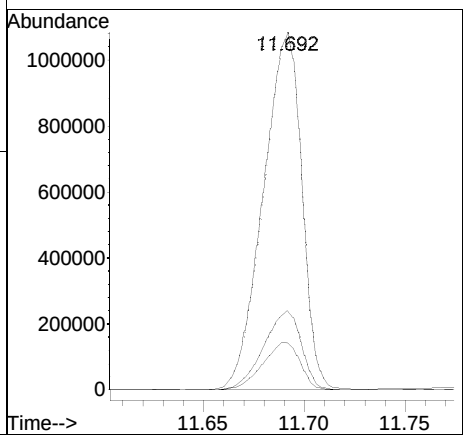


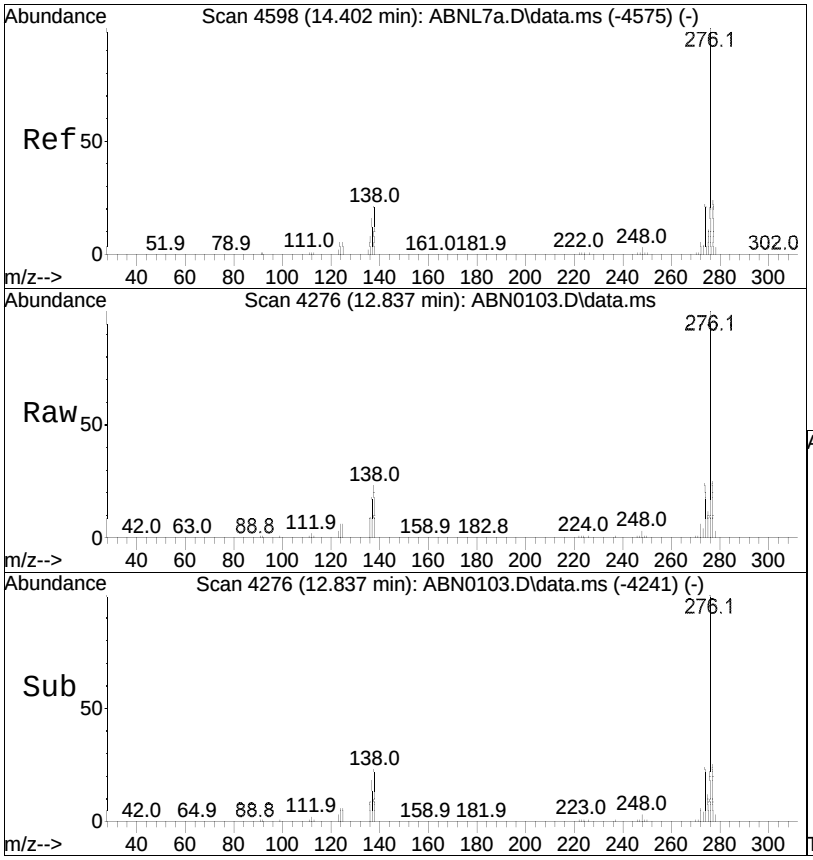


#112
Benzo(a)pyrene
Concen: 50.99 ug/ml
RT: 11.692 min Scan# 3873
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:252 Resp: 1427273

Ion	Ratio	Lower	Upper
252	100		
125	13.1	12.6	18.8
253	21.9	16.9	25.3

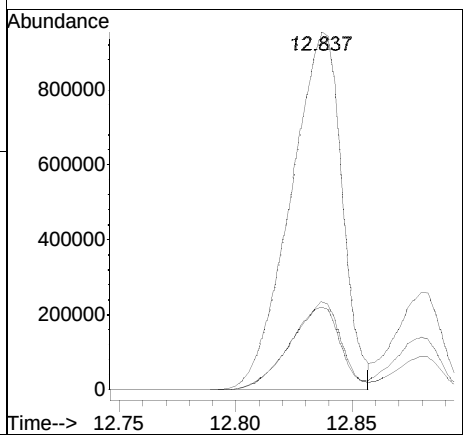


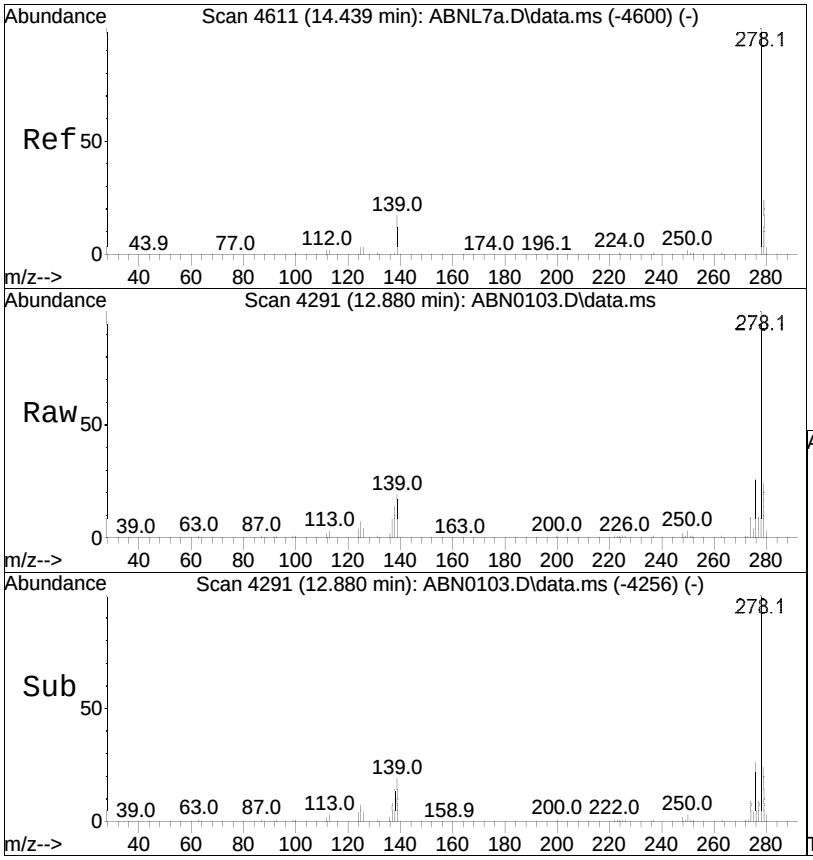


#114
Indeno(1,2,3-cd)pyrene
Concen: 53.41 ug/mL
RT: 12.837 min Scan# 4276
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:276 Resp: 1457201

Ion	Ratio	Lower	Upper
276	100		
138	23.5	21.4	32.0
277	24.2	19.2	28.8

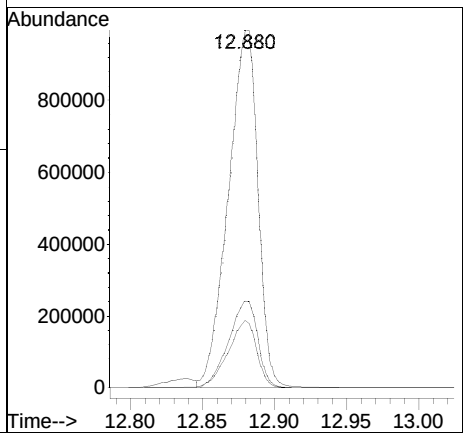


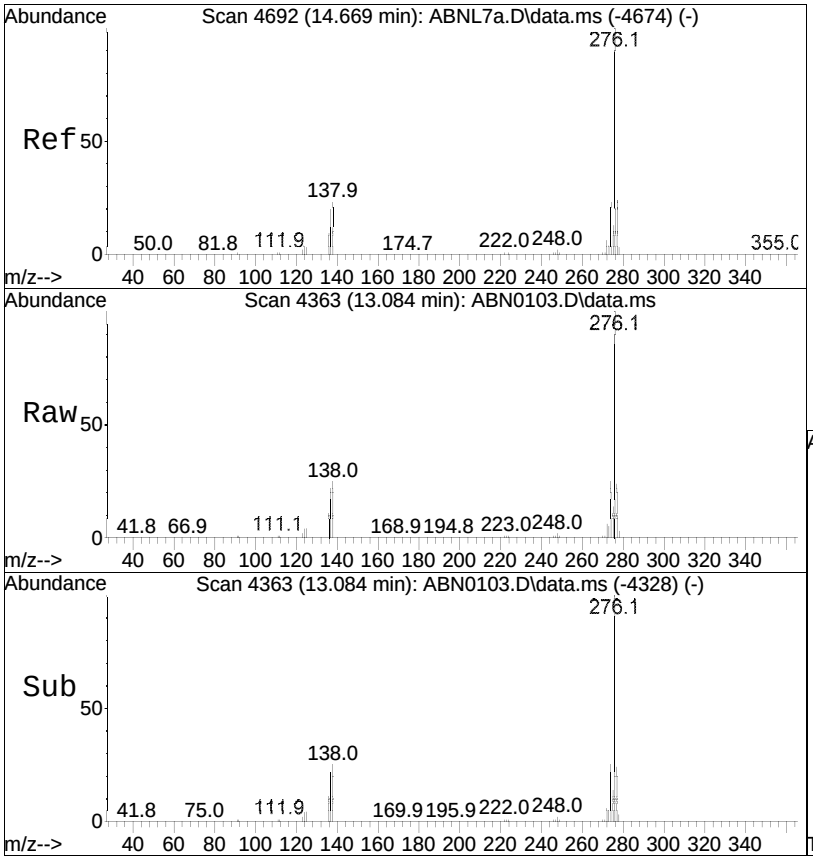


#115
Dibenzo(a,h)anthracene
Concen: 51.30 ug/ml
RT: 12.880 min Scan# 4291
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:278 Resp: 1407900

Ion	Ratio	Lower	Upper
278	100		
139	18.3	17.1	25.7
279	24.4	19.3	28.9

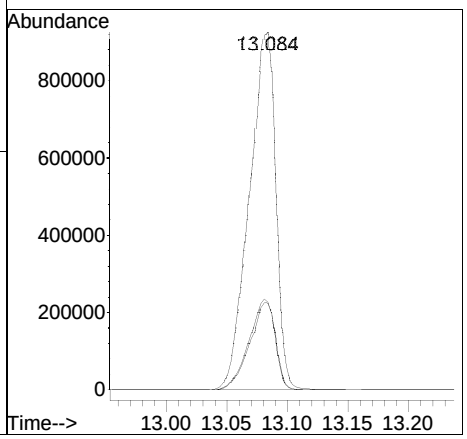




#116
Benzo(ghi)perylene
Concen: 51.34 ug/ml
RT: 13.084 min Scan# 4363
Delta R.T. 0.000 min
Lab File: ABN0103.D
Acq: 3 Jan 2026 7:34 am

Tgt Ion:276 Resp: 1392498

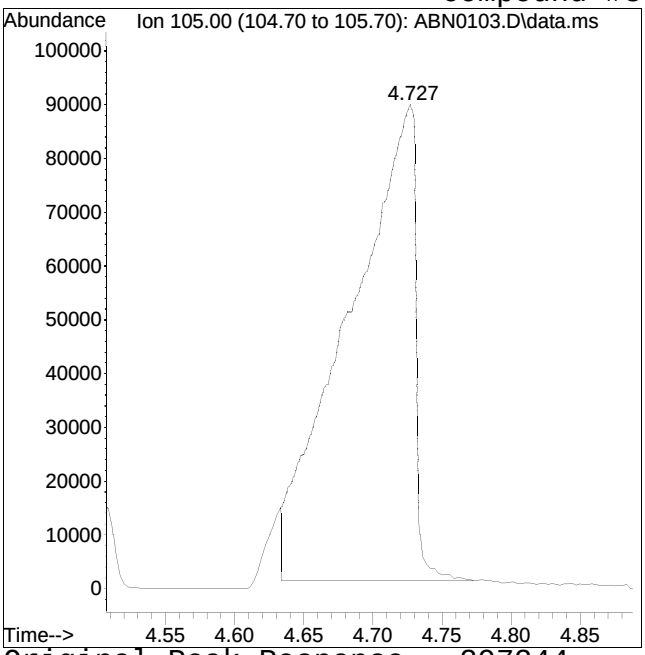
Ion	Ratio	Lower	Upper
276	100		
138	25.1	26.7	40.1#
277	24.2	19.4	29.2



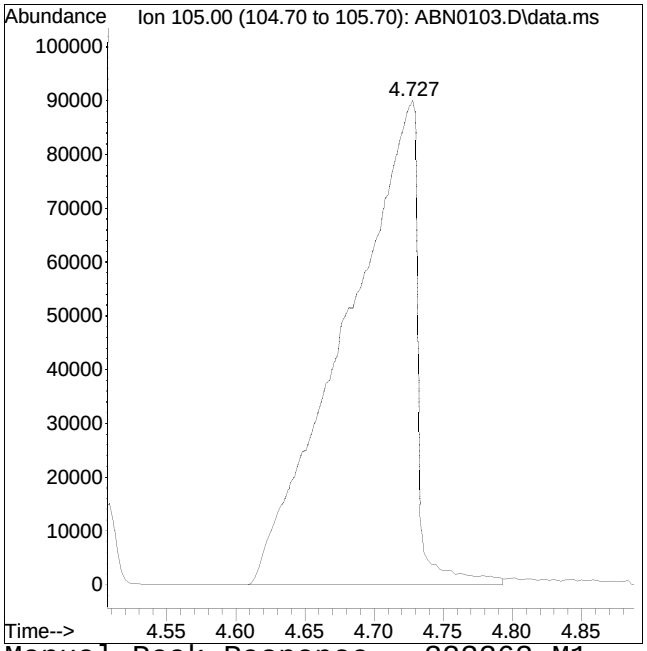
Manual Integration Report

Data Path : I:\8270\SV103\260103\ QMethod : FS251116SV103.m
Data File : ABN0103.D Operator : SV103:cmm
Date Inj'd : 1/3/2026 7:34 am Instrument : SV103
Sample : WG2161293-3,32,,ABN 12168 Quant Date : 1/3/2026 8:10 am

Compound #37: Benzoic Acid



Original Peak Response = 297244



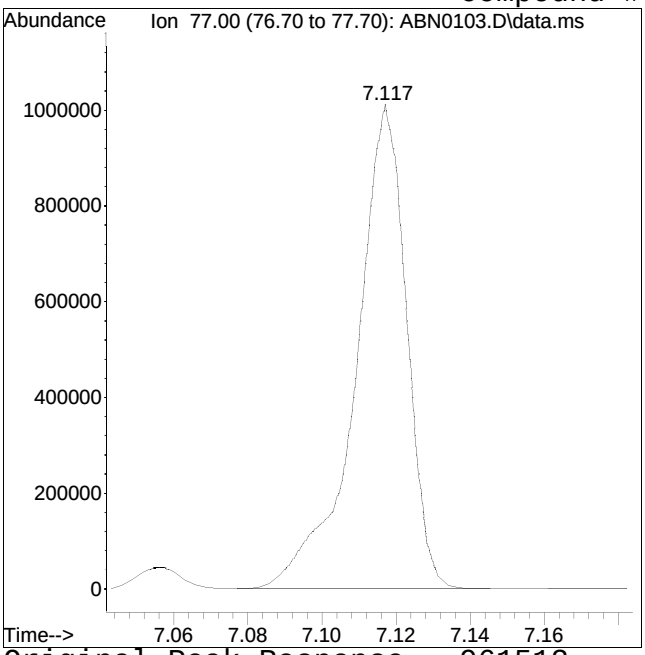
Manual Peak Response = 323363 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

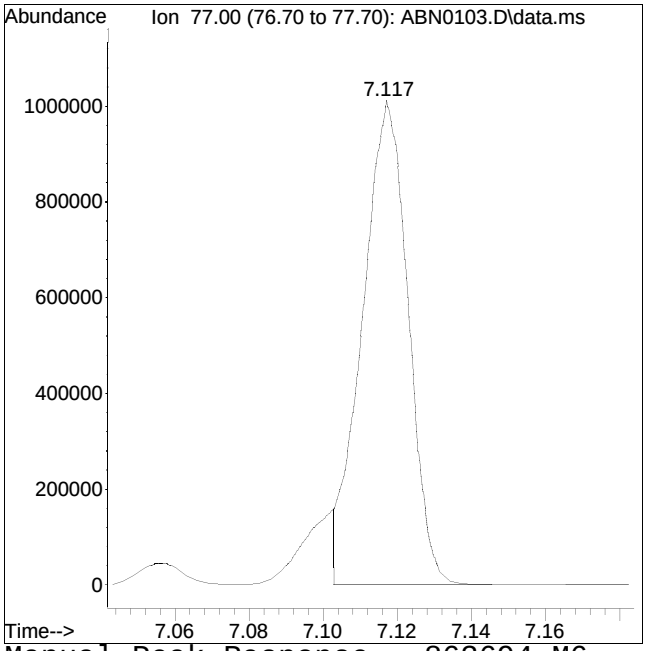
Manual Integration Report

Data Path : I:\8270\SV103\260103\ QMethod : FS251116SV103.m
Data File : ABN0103.D Operator : SV103:cmm
Date Inj'd : 1/3/2026 7:34 am Instrument : SV103
Sample : WG2161293-3,32,,ABN 12168 Quant Date : 1/3/2026 8:10 am

Compound #78: Azobenzene



Original Peak Response = 961512



Manual Peak Response = 863694 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV103\260103\
Data File : AP90103.D
Acq On : 3 Jan 2026 7:55 am
Operator : SV103:cmm
Sample : WG2161293-4,32,,AP9 12053 gmr1227A
Misc : WG2161293,,ical22827
ALS Vial : 143 Sample Multiplier: 1

Quant Time: Jan 03 08:37:21 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:37:46 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
27	I	IS2_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
28	T	Benzaldehyde	1.026	1.123	-9.5	99	0.00
29	T	Acetophenone	1.765	1.974	-11.8	100	0.00
30	T	m-Toluidine	1.734	1.937	-11.7	99	0.00
31	T	2-Chloroaniline	1.568	1.714	-9.3	98	0.00
55	I	IS2_Naphthalene-d8	1.000	1.000	0.0	96	0.00
56	T	a-Terpineol	0.270	0.361	-33.7#	120	0.00
57	T	3-Chloroaniline	0.139	0.165	-18.7	109	0.00
58	T	2,6-Dichlorophenol	0.267	0.311	-16.5	103	0.00
59	T	1-chloro-2-nitrobenzene	0.110	0.147	-33.6#	114	0.00
60	T	Caprolactam	0.139	0.206	-48.2#	126	0.00
61	T	1,2,4,5-Tetrachlorobenzene	0.377	0.356	5.6	90	0.00
62	T	Biphenyl	0.855	0.851	0.5	94	0.00
83	I	IS2_Acenaphthene-d10	1.000	1.000	0.0	96	0.00
84	T	Dichloran	* 50.000	62.454	-24.9#	133	0.00
85	T	Pentachloronitrobenzene	0.159	0.209	-31.4#	117	0.00
98	I	IS2_Phenanthrene-d10	1.000	1.000	0.0	95	0.00
99	T	Diphenamid	0.466	0.534	-14.6	101	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\260103\
Data File : AP90103.D
Acq On : 3 Jan 2026 7:55 am
Operator : SV103:cmm
Sample : WG2161293-4,32,,AP9 12053 gmr1227A
Misc : WG2161293,,ical22827
ALS Vial : 143 Sample Multiplier: 1

Quant Time: Jan 03 08:37:21 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:37:46 2026
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
27) IS2_1,4-Dichlorobenzen...	3.429	152	206396	40.000	ug/ml		0.00
55) IS2_Naphthalene-d8	4.710	136	813634	40.000	ug/ml		0.00
83) IS2_Acenaphthene-d10	6.395	164	466338	40.000	ug/ml		0.00
98) IS2_Phenanthrene-d10	7.793	188	950185	40.000	ug/ml	#	0.00
System Monitoring Compounds							
Target Compounds							Qvalue
28) Benzaldehyde	2.951	105	289770	54.716	ug/ml		92
29) Acetophenone	3.886	105	509312	55.929	ug/ml	#	91
30) m-Toluidine	3.980	106	499661	55.847	ug/ml		99
31) 2-Chloroaniline	4.338	127	442228	54.669	ug/ml	#	94
56) a-Terpineol	4.815	59	367198	66.799	ug/ml		93
57) 3-Chloroaniline	4.830	65	167720	59.268	ug/ml	#	64
58) 2,6-Dichlorophenol	4.844	162	316510	58.206	ug/ml	#	85
59) 1-chloro-2-nitrobenzene	5.094	111	149727	67.205	ug/ml		90
60) Caprolactam	5.179	55	209709	73.940	ug/ml	#	87
61) 1,2,4,5-Tetrachloroben...	5.585	216	361715	47.149	ug/ml		99
62) Biphenyl	5.887	154	865690	49.768	ug/ml		99
84) Dichloran	7.538	206	125610	62.454	ug/ml		81
85) Pentachloronitrobenzene	7.660	237	121624	65.603	ug/ml	#	82
99) Diphenamid	8.739	167	634560	57.309	ug/ml		89

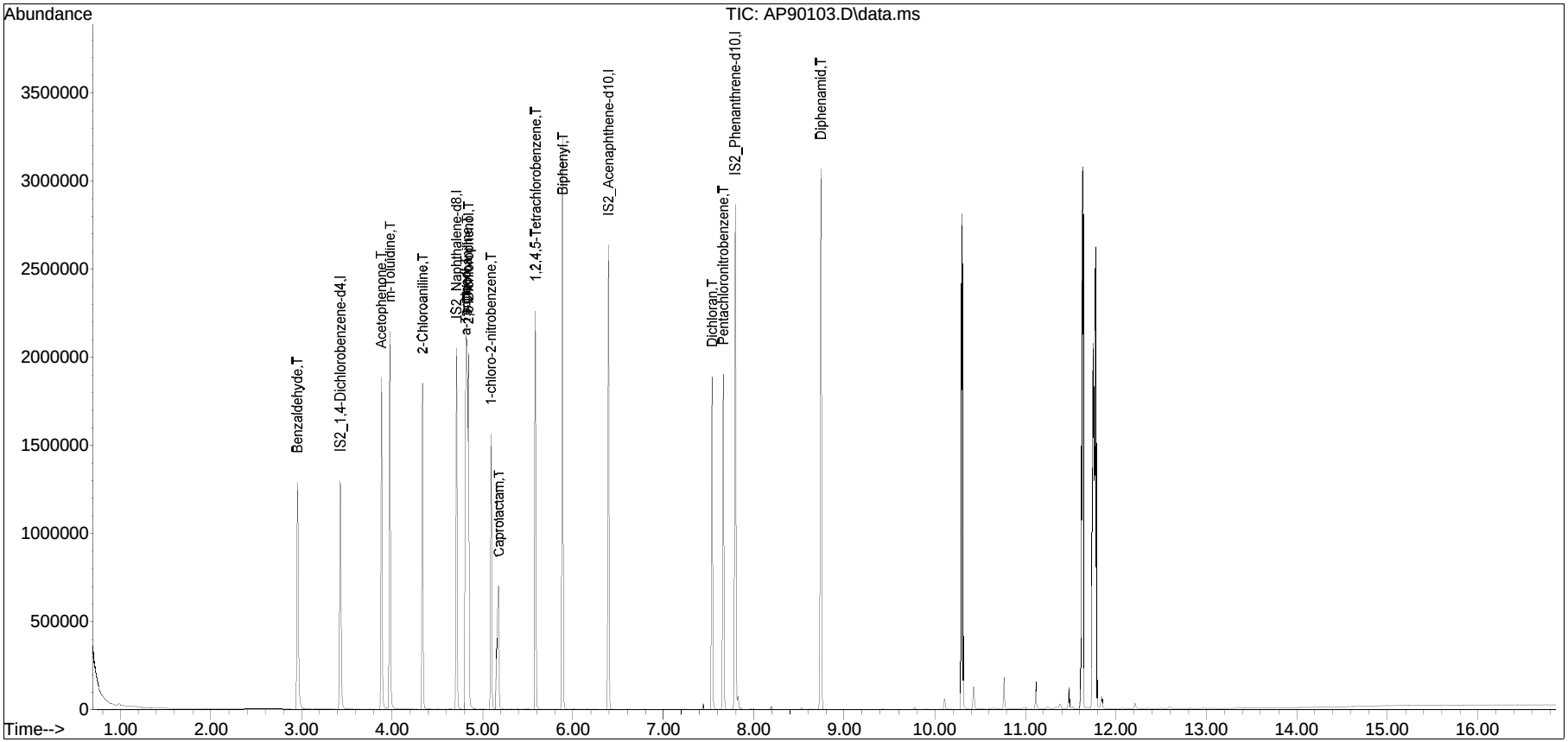
(#) = qualifier out of range (m) = manual integration (+) = signals summed

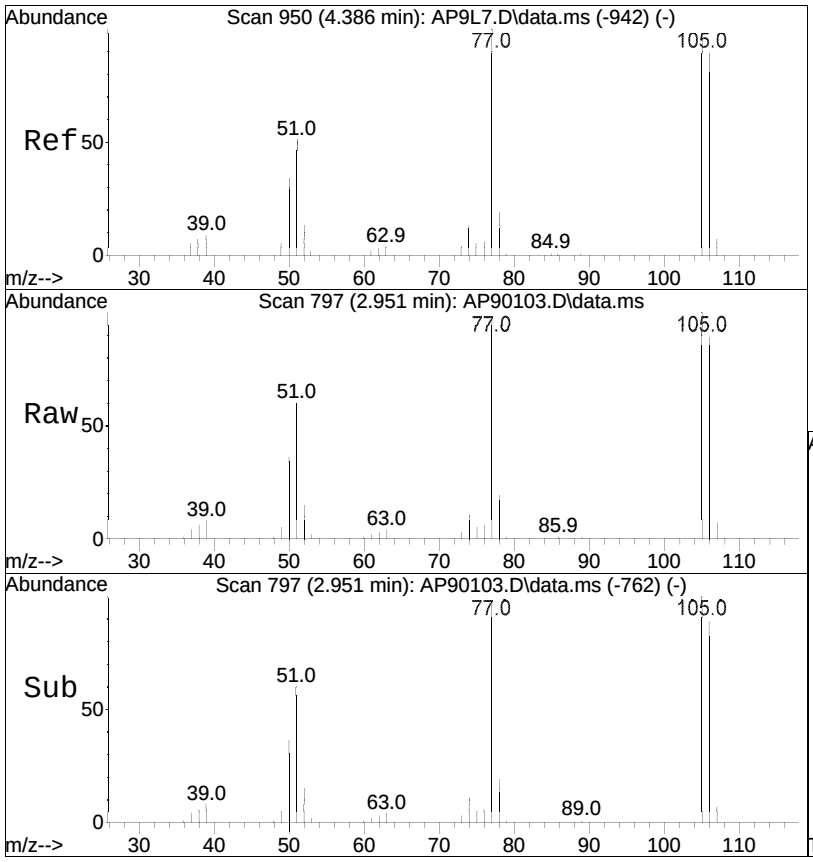
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\260103\
Data File : AP90103.D
Acq On : 3 Jan 2026 7:55 am
Operator : SV103:cmm
Sample : WG2161293-4,32,,AP9 12053 gmr1227A
Misc : WG2161293,,ical22827
ALS Vial : 143 Sample Multiplier: 1

Quant Time: Jan 03 08:37:21 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:37:46 2026
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublist

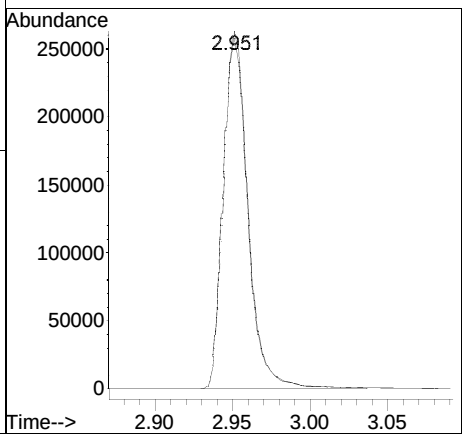


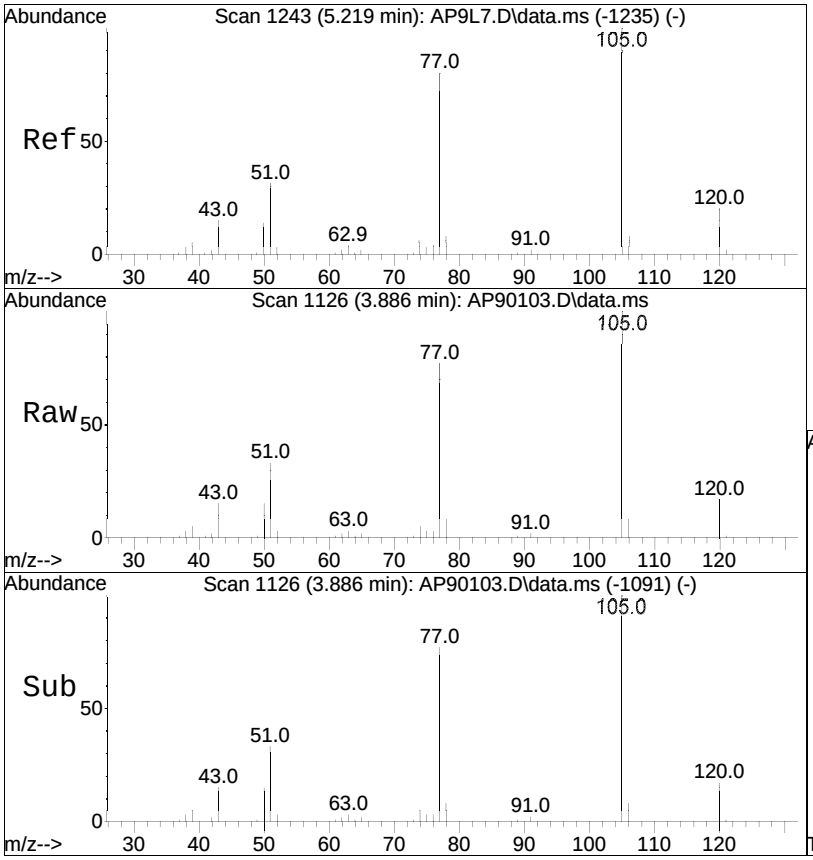


#28
Benzaldehyde
Concen: 54.72 ug/ml
RT: 2.951 min Scan# 797
Delta R.T. 0.000 min
Lab File: AP90103.D
Acq: 3 Jan 2026 7:55 am

Tgt Ion:105 Resp: 289770

Ion	Ratio	Lower	Upper
105	100		
77	97.7	72.0	108.0

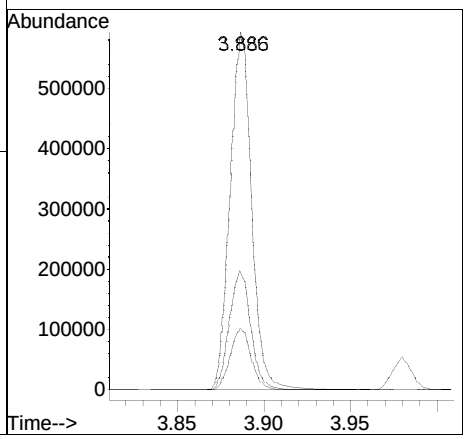


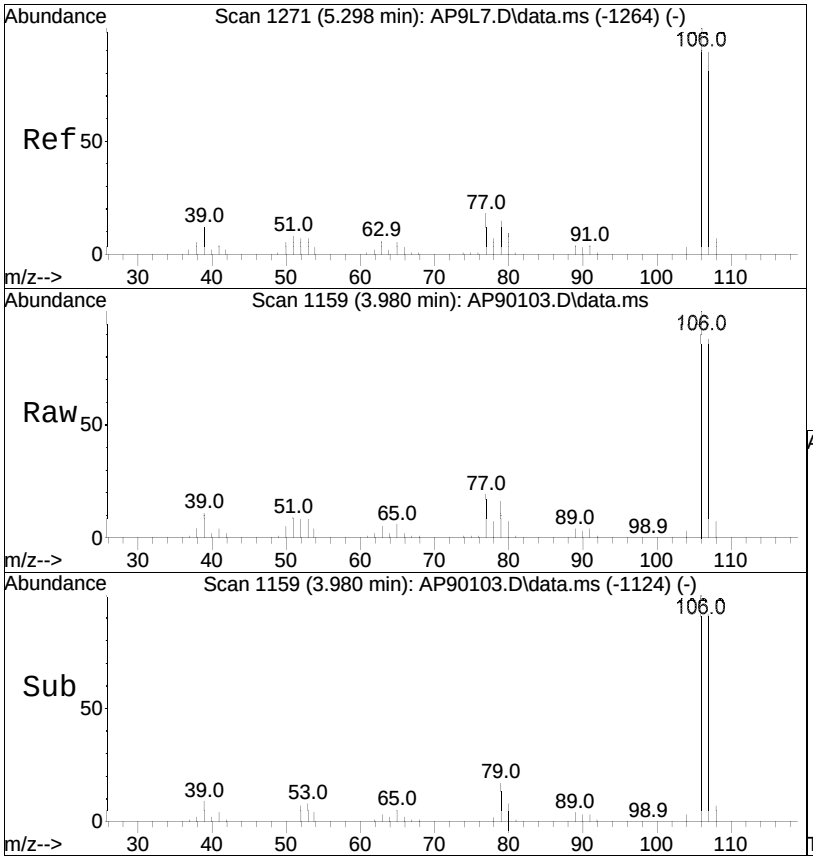


#29
Acetophenone
Concen: 55.93 ug/ml
RT: 3.886 min Scan# 1126
Delta R.T. 0.000 min
Lab File: AP90103.D
Acq: 3 Jan 2026 7:55 am

Tgt Ion:105 Resp: 509312

Ion	Ratio	Lower	Upper
105	100		
120	17.1	18.0	27.0#
51	33.3	23.8	35.6

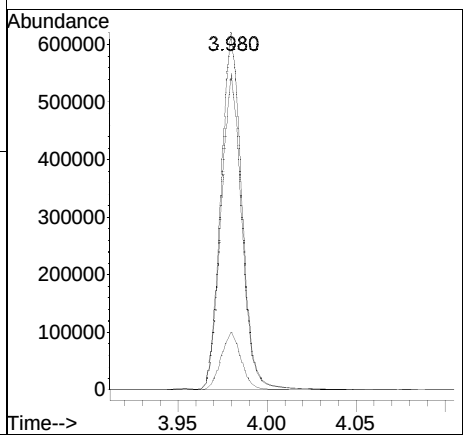


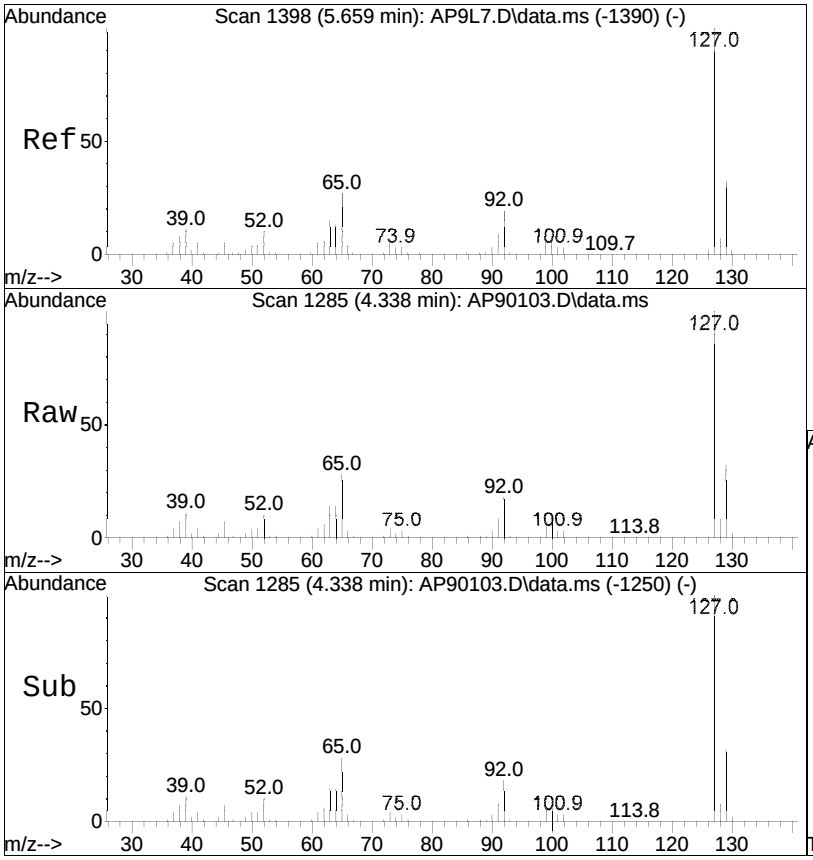


#30
m-Toluidine
Concen: 55.85 ug/ml
RT: 3.980 min Scan# 1159
Delta R.T. 0.000 min
Lab File: AP90103.D
Acq: 3 Jan 2026 7:55 am

Tgt Ion:106 Resp: 499661

Ion	Ratio	Lower	Upper
106	100		
107	88.5	71.1	106.7
79	15.6	10.5	15.7

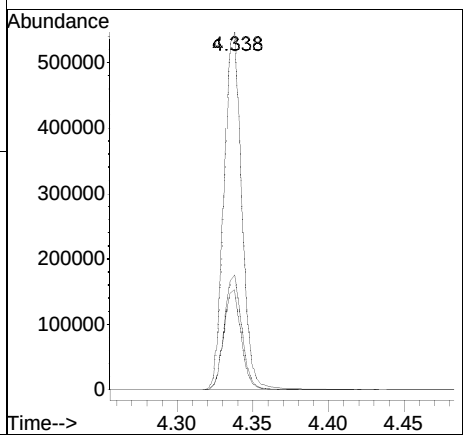


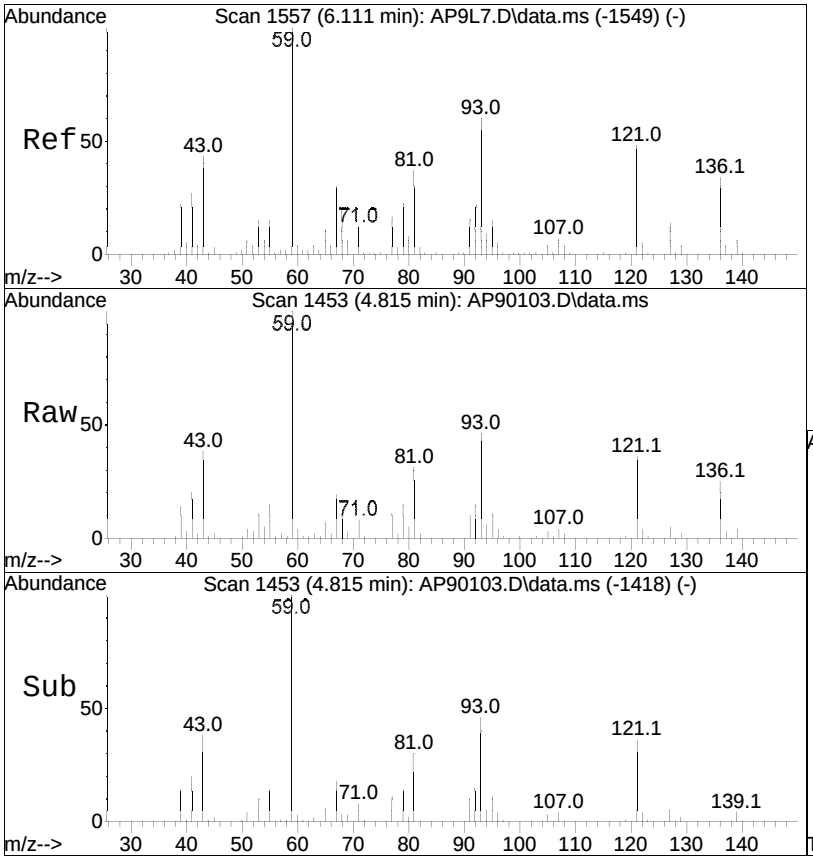


#31
2-Chloroaniline
Concen: 54.67 ug/ml
RT: 4.338 min Scan# 1285
Delta R.T. 0.000 min
Lab File: AP90103.D
Acq: 3 Jan 2026 7:55 am

Tgt Ion:127 Resp: 442228

Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	27.8	17.1	25.7#

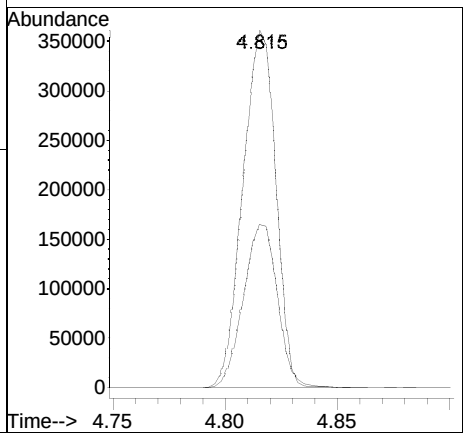


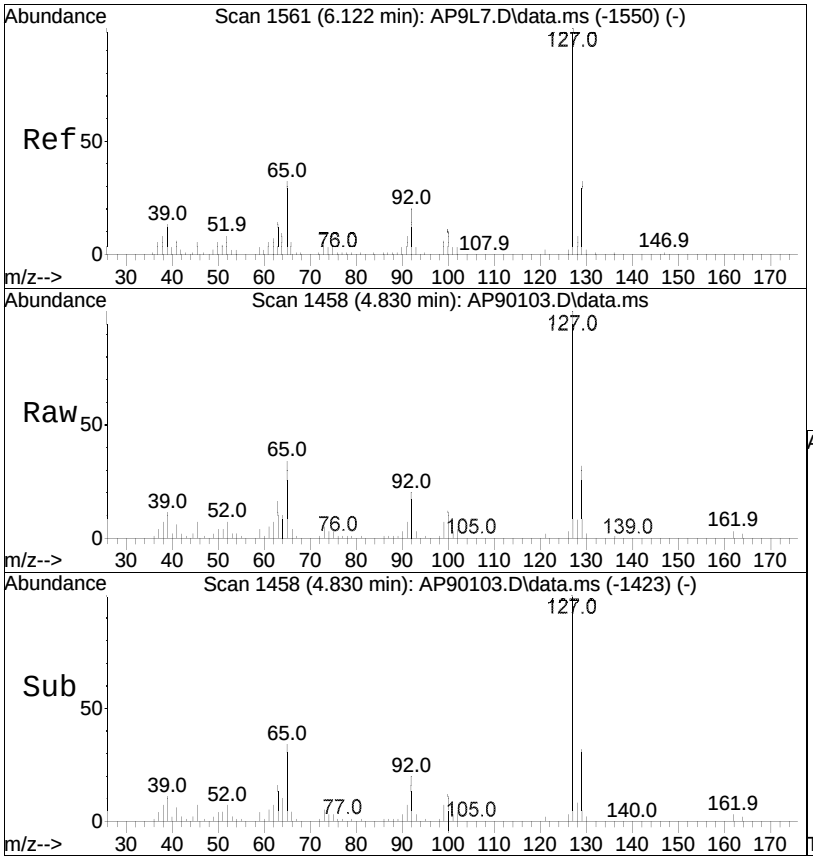


#56
a-Terpineol
Concen: 66.80 ug/ml
RT: 4.815 min Scan# 1453
Delta R.T. 0.000 min
Lab File: AP90103.D
Acq: 3 Jan 2026 7:55 am

Tgt Ion: 59 Resp: 367198

Ion	Ratio	Lower	Upper
59	100		
93	47.6	42.2	63.4

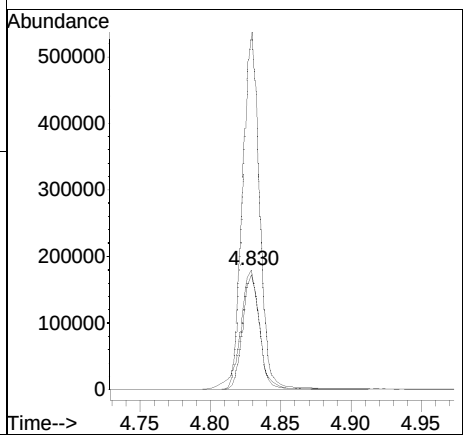


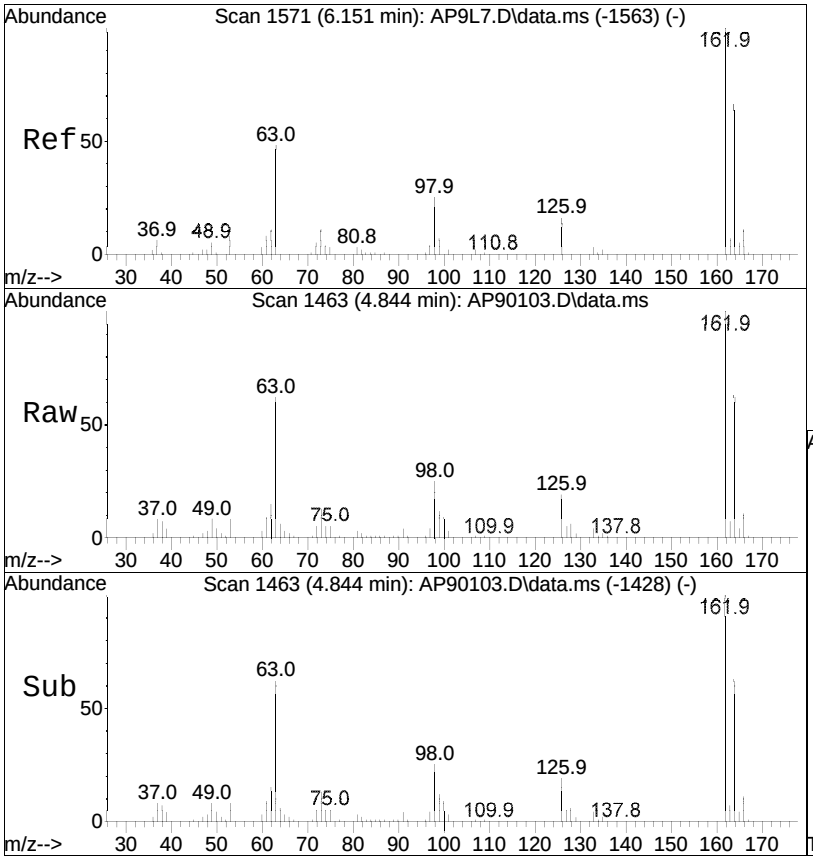


#57
3-Chloroaniline
Concen: 59.27 ug/ml
RT: 4.830 min Scan# 1458
Delta R.T. 0.000 min
Lab File: AP90103.D
Acq: 3 Jan 2026 7:55 am

Tgt Ion: 65 Resp: 167720

Ion	Ratio	Lower	Upper
65	100		
127	263.7	278.4	417.6#
129	85.0	88.9	133.3#

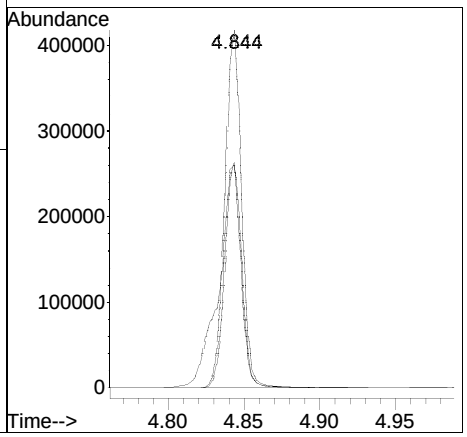


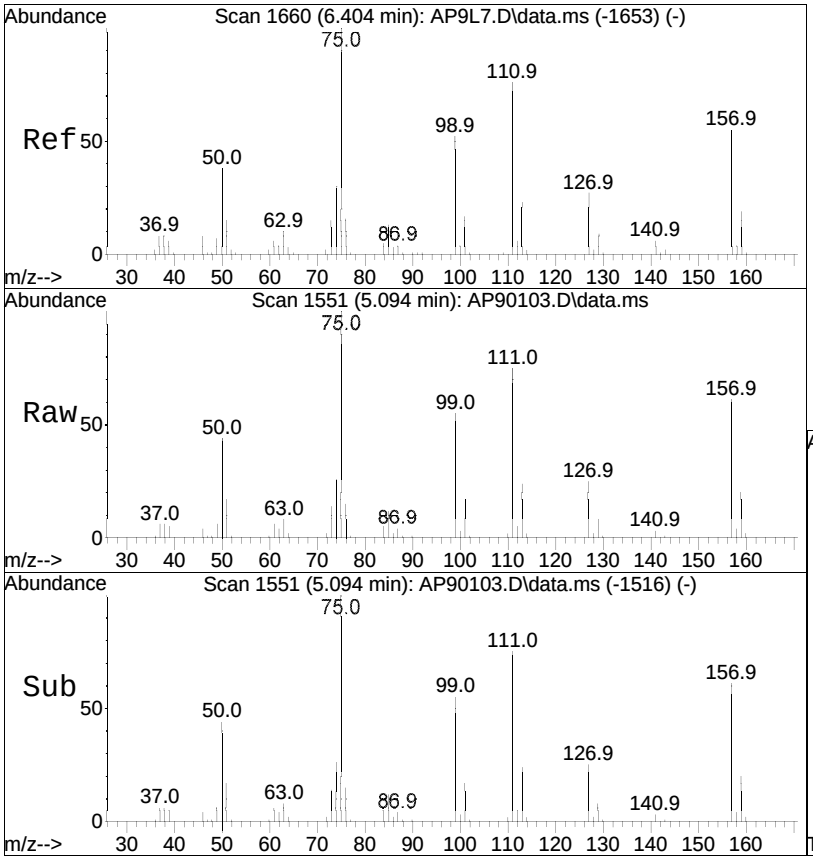


#58
2,6-Dichlorophenol
Concen: 58.21 ug/ml
RT: 4.844 min Scan# 1463
Delta R.T. 0.000 min
Lab File: AP90103.D
Acq: 3 Jan 2026 7:55 am

Tgt Ion:162 Resp: 316510

Ion	Ratio	Lower	Upper
162	100		
164	63.6	50.8	76.2
63	82.5	47.4	71.0#

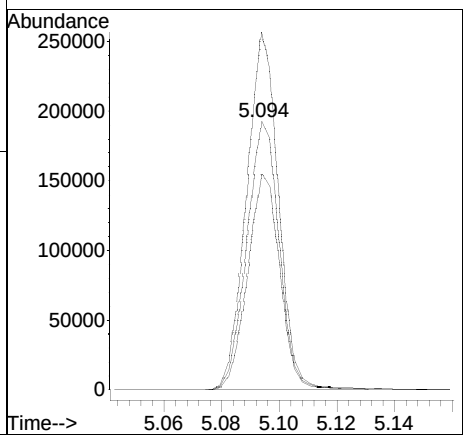


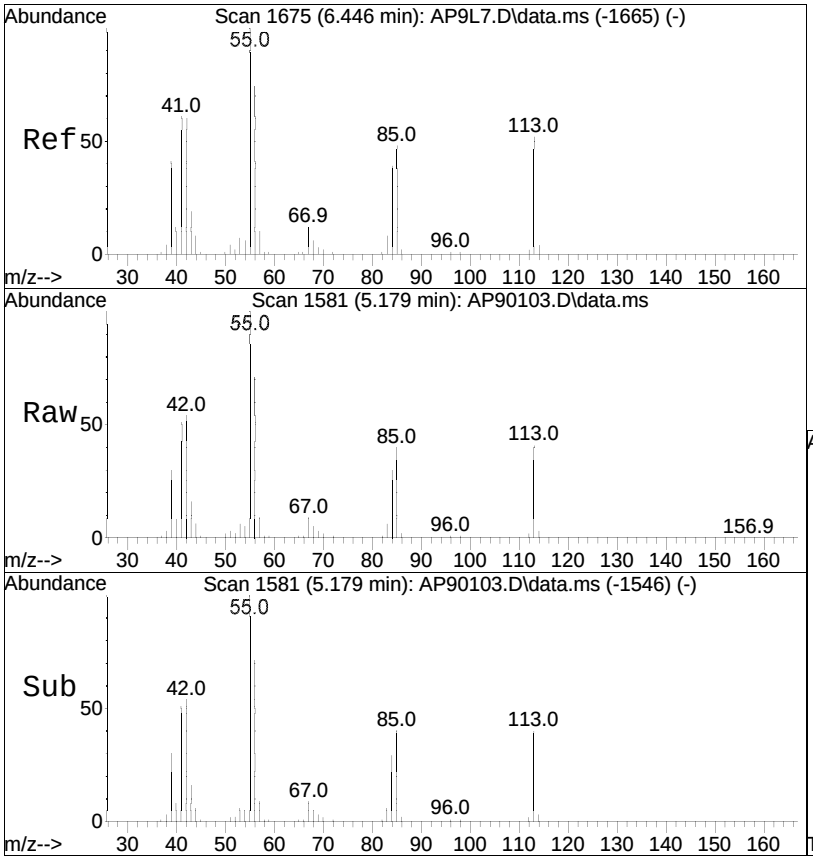


#59
1-chloro-2-nitrobenzene
Concen: 67.21 ug/ml
RT: 5.094 min Scan# 1551
Delta R.T. 0.000 min
Lab File: AP90103.D
Acq: 3 Jan 2026 7:55 am

Tgt Ion:111 Resp: 149727

Ion	Ratio	Lower	Upper
111	100		
157	80.5	62.6	94.0
75	131.9	93.0	139.6

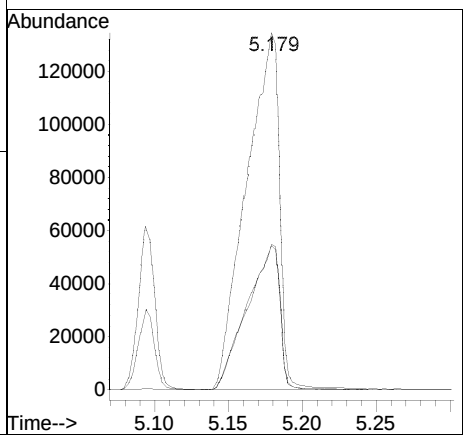


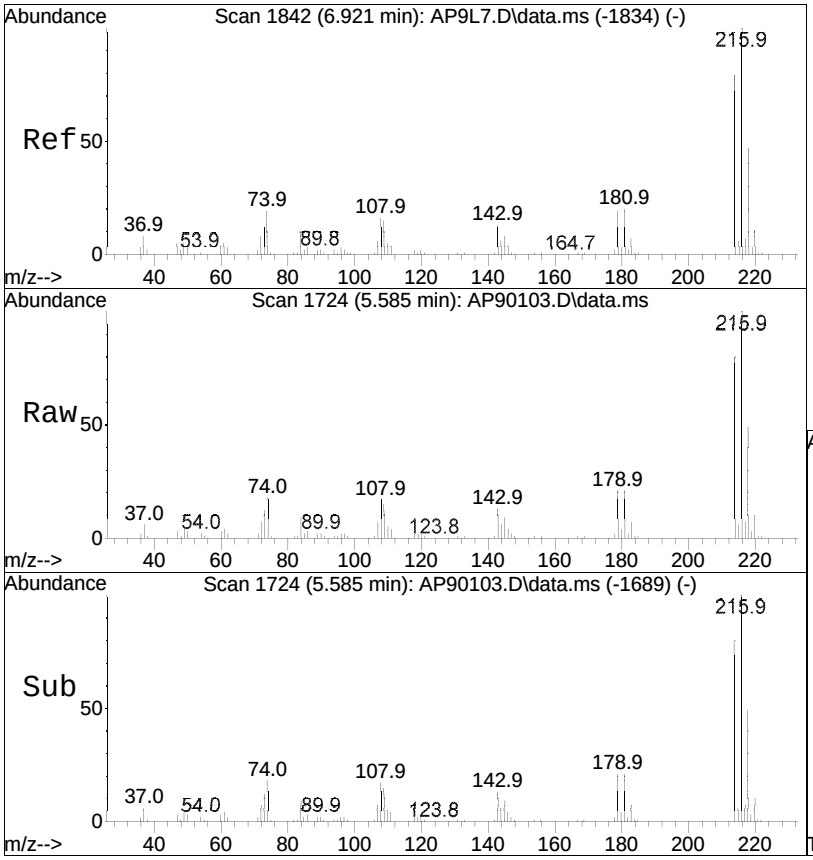


#60
Caprolactam
Concen: 73.94 ug/ml
RT: 5.179 min Scan# 1581
Delta R.T. 0.000 min
Lab File: AP90103.D
Acq: 3 Jan 2026 7:55 am

Tgt Ion: 55 Resp: 209709

Ion	Ratio	Lower	Upper
55	100		
85	40.5	32.6	48.8
113	39.8	44.6	66.8#

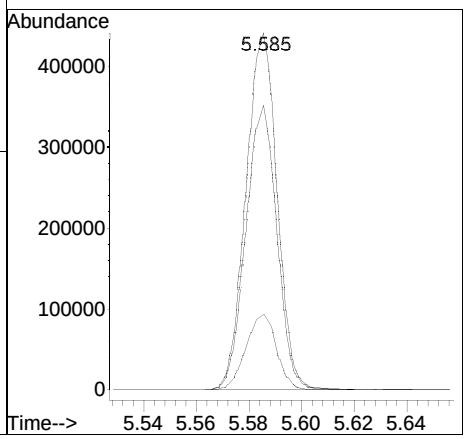


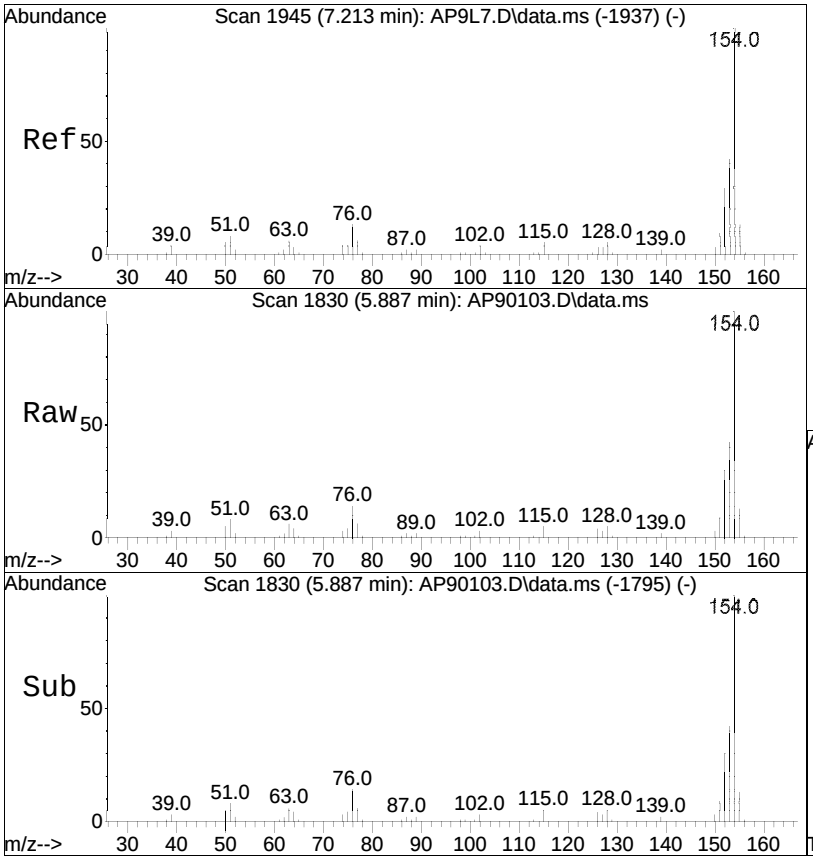


#61
1,2,4,5-Tetrachlorobenzene
Concen: 47.15 ug/ml
RT: 5.585 min Scan# 1724
Delta R.T. 0.000 min
Lab File: AP90103.D
Acq: 3 Jan 2026 7:55 am

Tgt Ion:216 Resp: 361715

Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.6
179	20.9	17.4	26.2

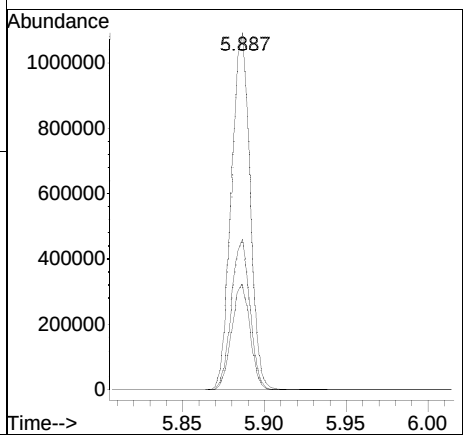


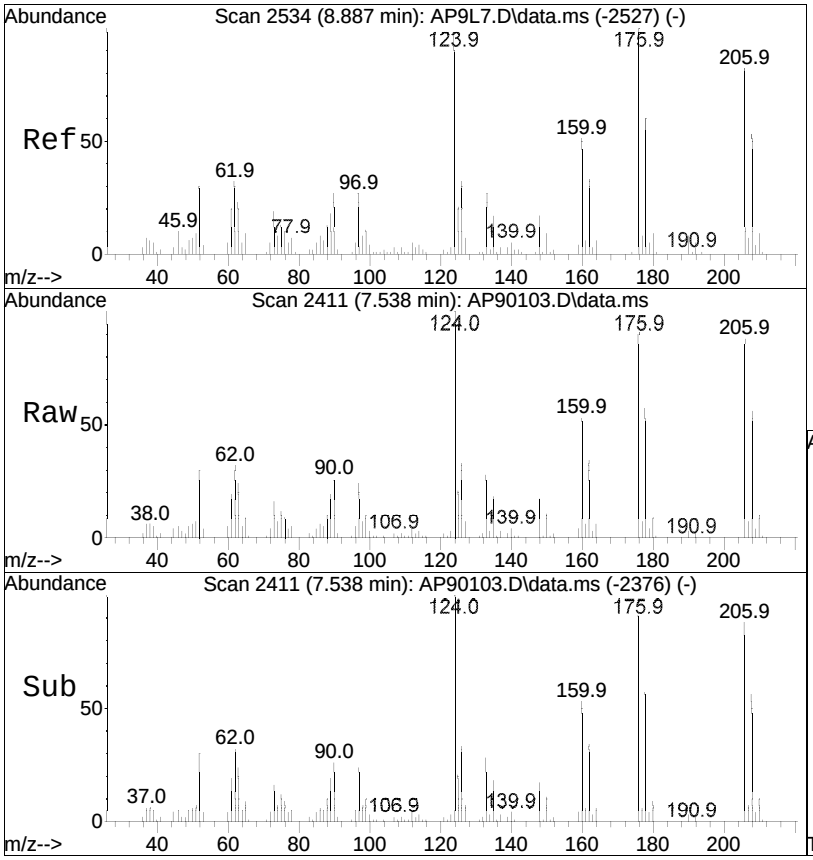


#62
Biphenyl
Concen: 49.77 ug/ml
RT: 5.887 min Scan# 1830
Delta R.T. 0.000 min
Lab File: AP90103.D
Acq: 3 Jan 2026 7:55 am

Tgt Ion:154 Resp: 865690

Ion	Ratio	Lower	Upper
154	100		
153	42.0	33.5	50.3
152	29.5	22.6	34.0

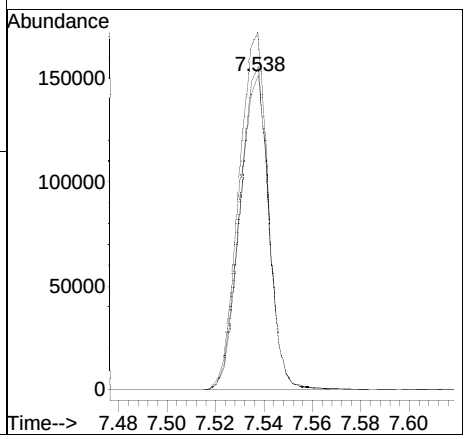


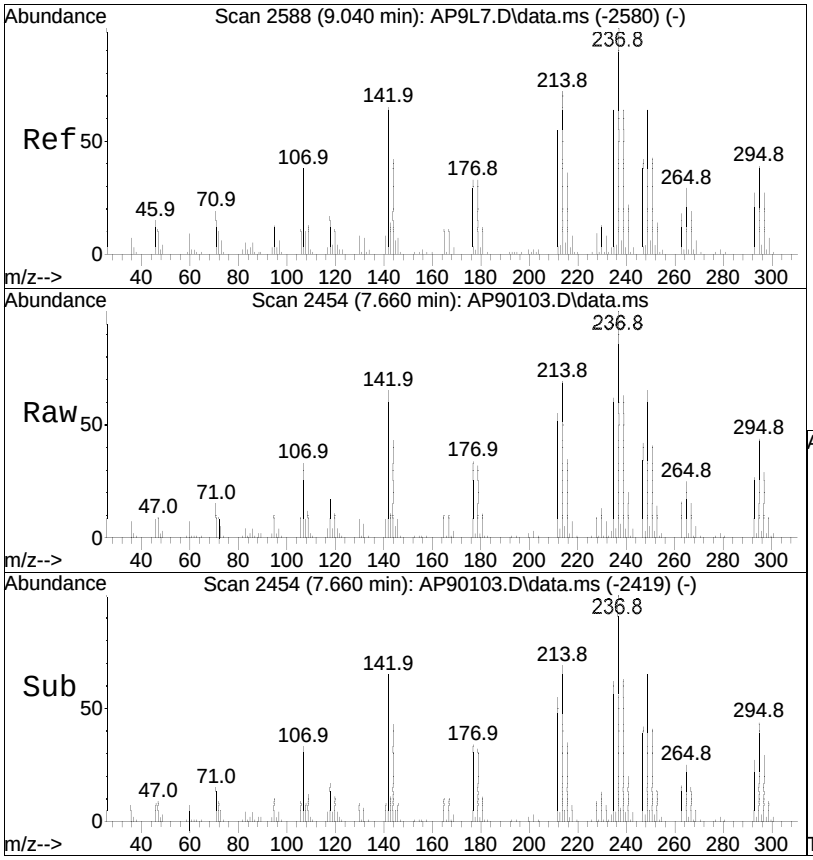


#84
Dichloran
Concen: 62.45 ug/ml
RT: 7.538 min Scan# 2411
Delta R.T. 0.000 min
Lab File: AP90103.D
Acq: 3 Jan 2026 7:55 am

Tgt Ion:206 Resp: 125610

Ion	Ratio	Lower	Upper
206	100		
176	102.2	72.3	108.5
124	114.4	114.0	171.0

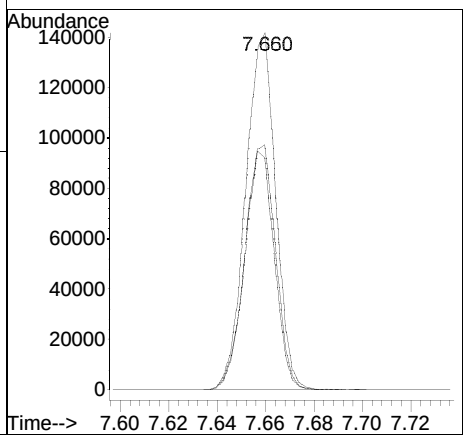


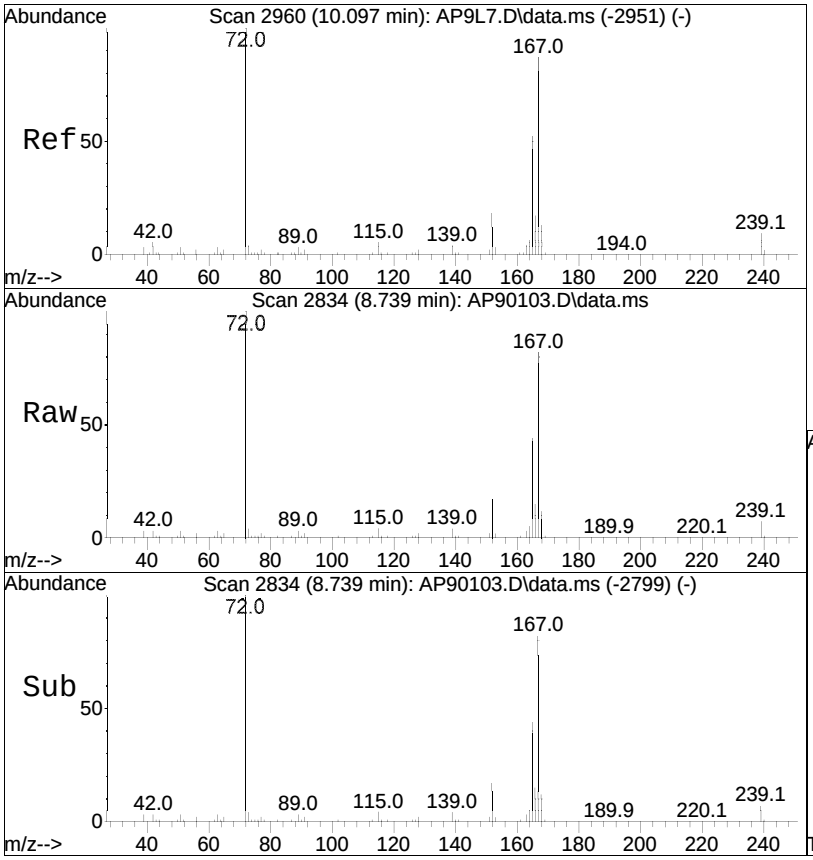


#85
Pentachloronitrobenzene
Concen: 65.60 ug/ml
RT: 7.660 min Scan# 2454
Delta R.T. 0.000 min
Lab File: AP90103.D
Acq: 3 Jan 2026 7:55 am

Tgt Ion:237 Resp: 121624

Ion	Ratio	Lower	Upper
237	100		
142	67.0	75.2	112.8#
214	70.3	60.5	90.7

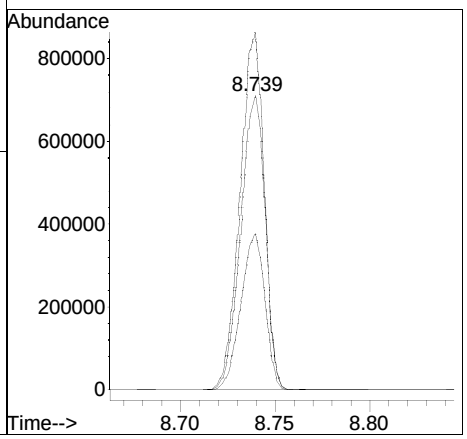




#99
Diphenamid
Concen: 57.31 ug/ml
RT: 8.739 min Scan# 2834
Delta R.T. 0.000 min
Lab File: AP90103.D
Acq: 3 Jan 2026 7:55 am

Tgt Ion:167 Resp: 634560

Ion	Ratio	Lower	Upper
167	100		
72	118.7	105.4	158.2
165	52.5	36.2	54.4



Manual Integration Report

Data Path	: I:\8270\SV103\260103\	QMethod	: FS251116SV103.m
Data File	: AP90103.D	Operator	: SV103:cmm
Date Inj'd	: 1/3/2026 7:55 am	Instrument	: SV103
Sample	: WG2161293-4,32,,AP9 12053	Quant Date	: 1/3/2026 8:37 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\8270\SV103\260103\
Data File : ADP0103.D
Acq On : 3 Jan 2026 8:16 am
Operator : SV103:cmm
Sample : WG2161293-5,32,,ADP 12023 smc1229A
Misc : WG2161293,,ical22827
ALS Vial : 144 Sample Multiplier: 1

Quant Time: Jan 03 08:38:03 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:30 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
32	I	IS3_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
33	T	1,4-Dioxane	0.473	0.516	-9.1	101	0.00
34	T	n-Decane	1.372	1.713	-24.9#	113	0.00
86	I	IS3_Acenaphthene-d10	1.000	1.000	0.0	88	0.00
87	T	Atrazine	0.369	0.422	-14.4	91	0.00
100	I	IS3_Phenanthrene-d10	1.000	1.000	0.0	86	0.00
101	T	n-Octadecane	0.399	0.552	-38.3#	114	0.00
102	T	Parathion	* 50.000	75.457	-50.9#	153	0.00
103	T	3,3'-Dimethylbenzidine	0.738	0.850	-15.2	89	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\260103\
Data File : ADP0103.D
Acq On : 3 Jan 2026 8:16 am
Operator : SV103:cmm
Sample : WG2161293-5,32,,ADP 12023 smc1229A
Misc : WG2161293,,ical22827
ALS Vial : 144 Sample Multiplier: 1

Quant Time: Jan 03 08:38:03 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:30 2026
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
	Internal Standards						
32)	IS3_1,4-Dichlorobenzen...	3.429	152	203595	40.000	ug/ml	0.00
86)	IS3_Acenaphthene-d10	6.395	164	454716	40.000	ug/ml	0.00
100)	IS3_Phenanthrene-d10	7.793	188	916227	40.000	ug/ml	0.00
	System Monitoring Compounds						
	Target Compounds						Qvalue
33)	1,4-Dioxane	0.755	88	131319	54.502	ug/ml#	69
34)	n-Decane	3.349	57	435843	62.402	ug/ml	93
87)	Atrazine	7.665	200	239814	57.161	ug/ml	99
101)	n-Octadecane	7.879	57	632696	69.298	ug/ml	97
102)	Parathion	8.629	109	172875	75.457	ug/ml	93
103)	3,3'-Dimethylbenzidine	9.842	212	973447	57.596	ug/ml	99

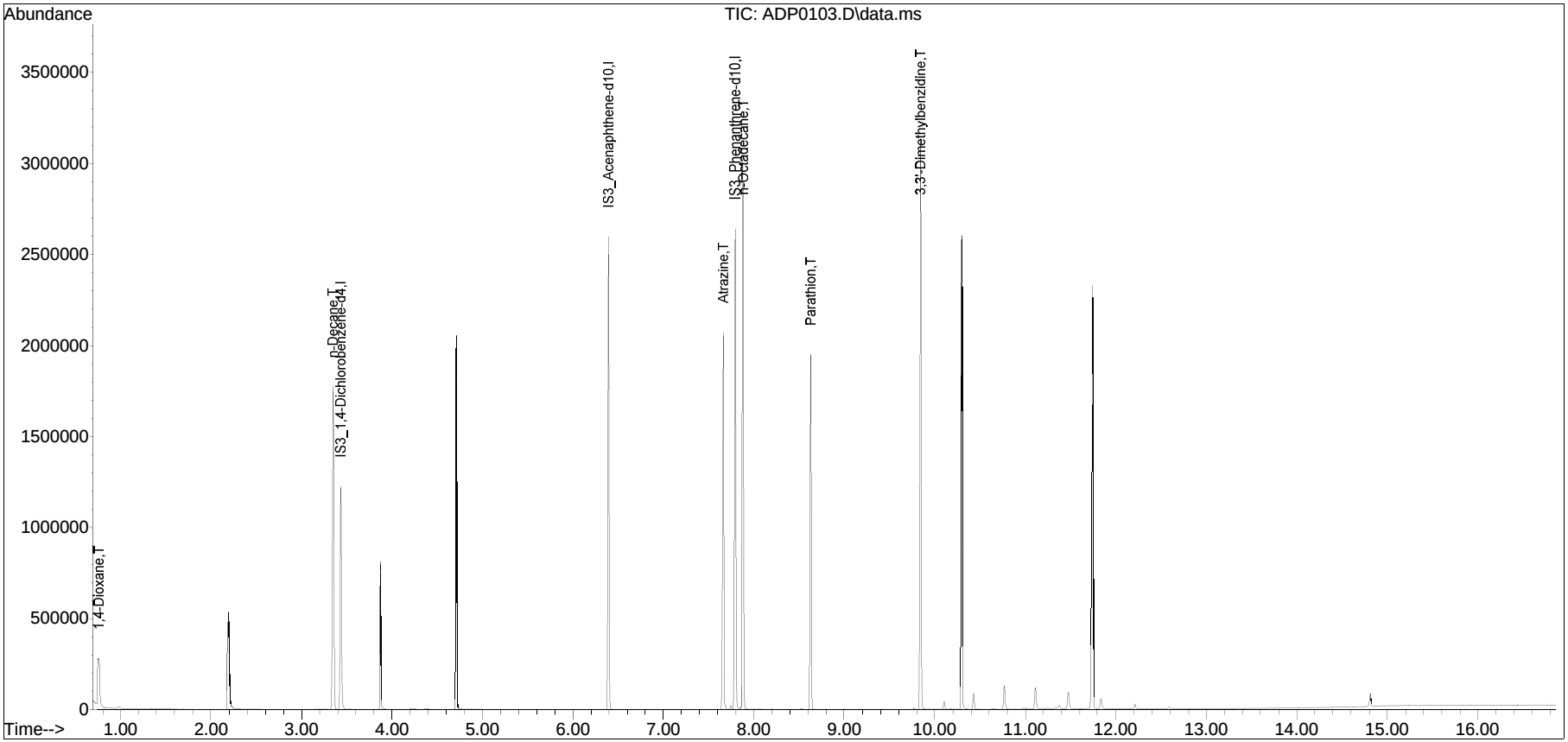
(#) = qualifier out of range (m) = manual integration (+) = signals summed

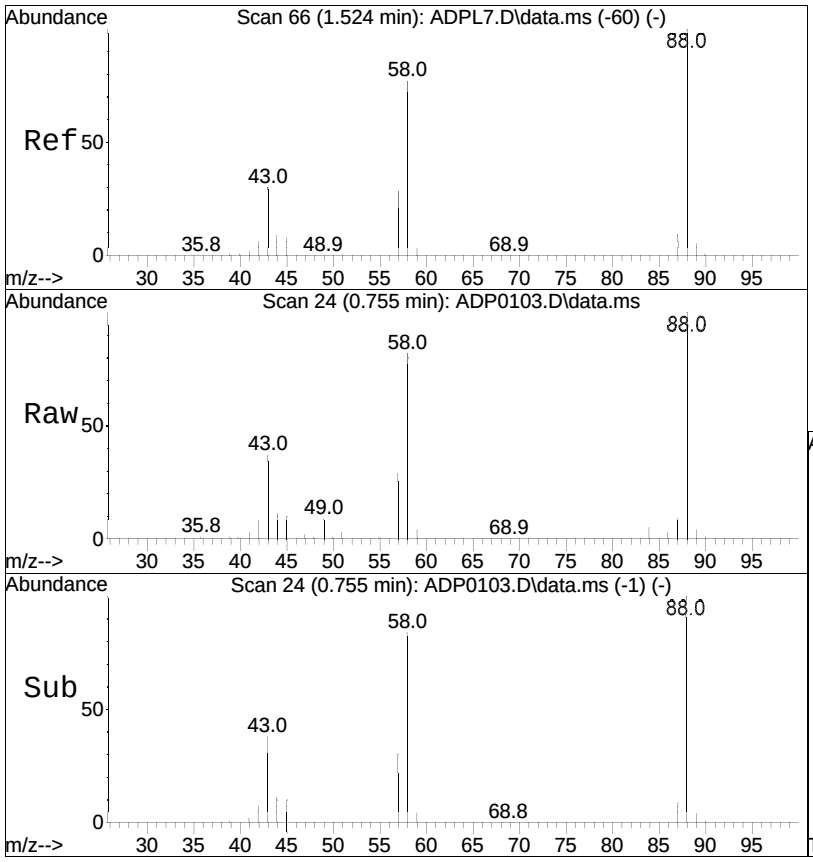
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\260103\
Data File : ADP0103.D
Acq On : 3 Jan 2026 8:16 am
Operator : SV103:cmm
Sample : WG2161293-5,32,,ADP 12023 smc1229A
Misc : WG2161293,,ical22827
ALS Vial : 144 Sample Multiplier: 1

Quant Time: Jan 03 08:38:03 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:30 2026
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublist

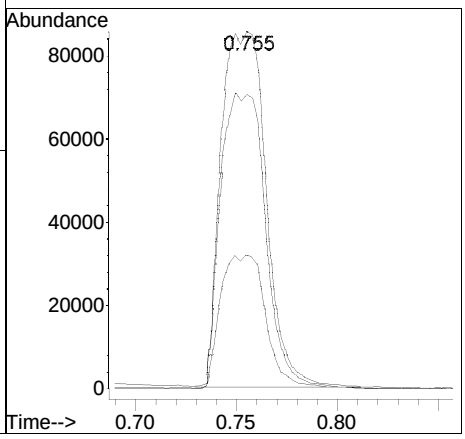


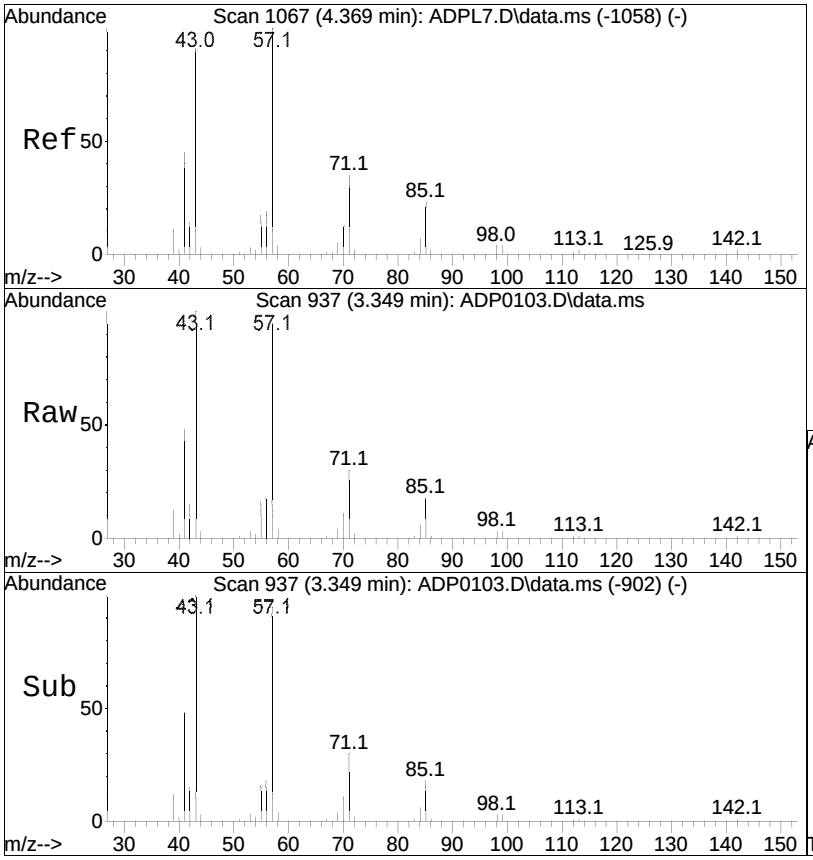


#33
1,4-Dioxane
Concen: 54.50 ug/ml
RT: 0.755 min Scan# 24
Delta R.T. 0.000 min
Lab File: ADP0103.D
Acq: 3 Jan 2026 8:16 am

Tgt Ion: 88 Resp: 131319

Ion	Ratio	Lower	Upper
88	100		
58	83.2	44.8	67.2#
43	38.3	22.4	33.6#

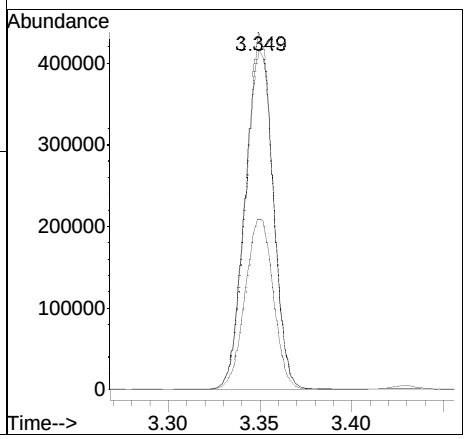


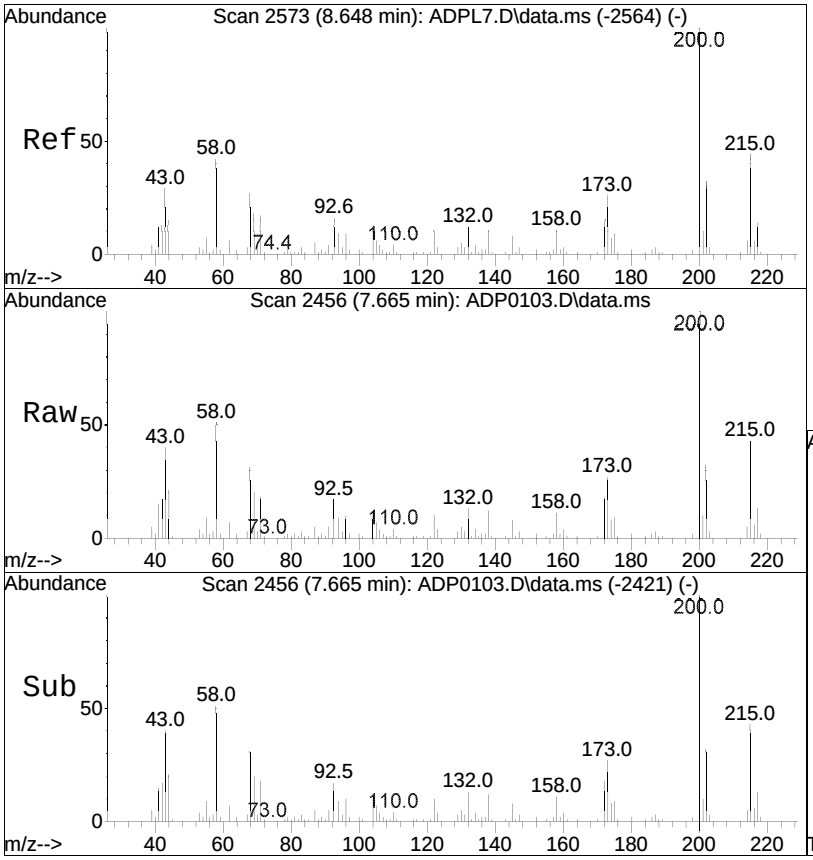


#34
n-Decane
Concen: 62.40 ug/ml
RT: 3.349 min Scan# 937
Delta R.T. 0.000 min
Lab File: ADP0103.D
Acq: 3 Jan 2026 8:16 am

Tgt Ion: 57 Resp: 435843

Ion	Ratio	Lower	Upper
57	100		
43	104.0	77.9	116.9
41	50.8	36.9	55.3

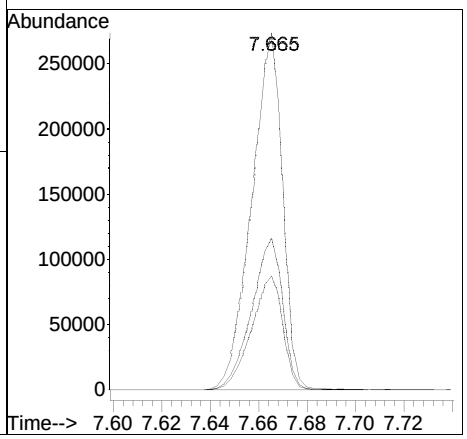


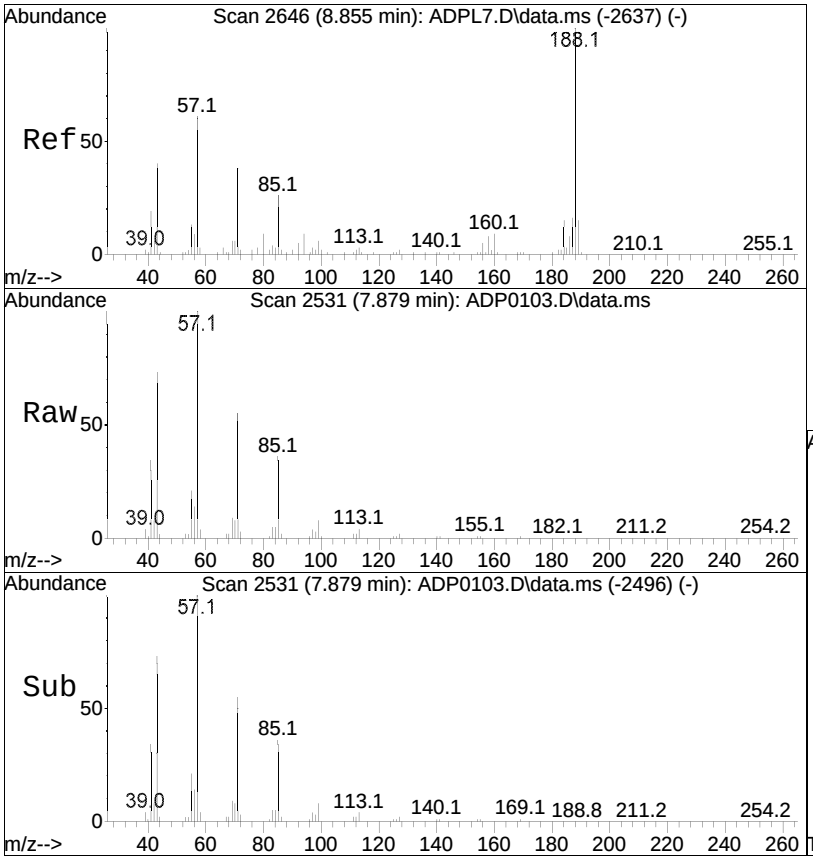


#87
Atrazine
Concen: 57.16 ug/ml
RT: 7.665 min Scan# 2456
Delta R.T. 0.000 min
Lab File: ADP0103.D
Acq: 3 Jan 2026 8:16 am

Tgt Ion:200 Resp: 239814

Ion	Ratio	Lower	Upper
200	100		
202	32.5	24.9	37.3
215	42.9	34.0	51.0

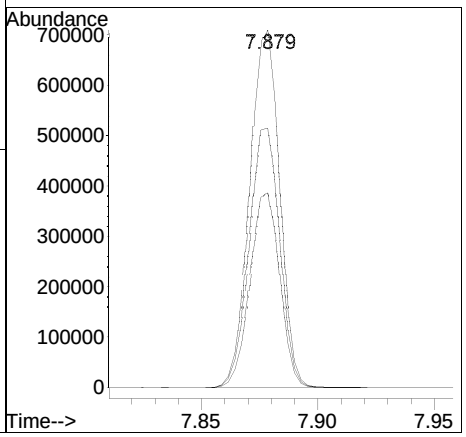


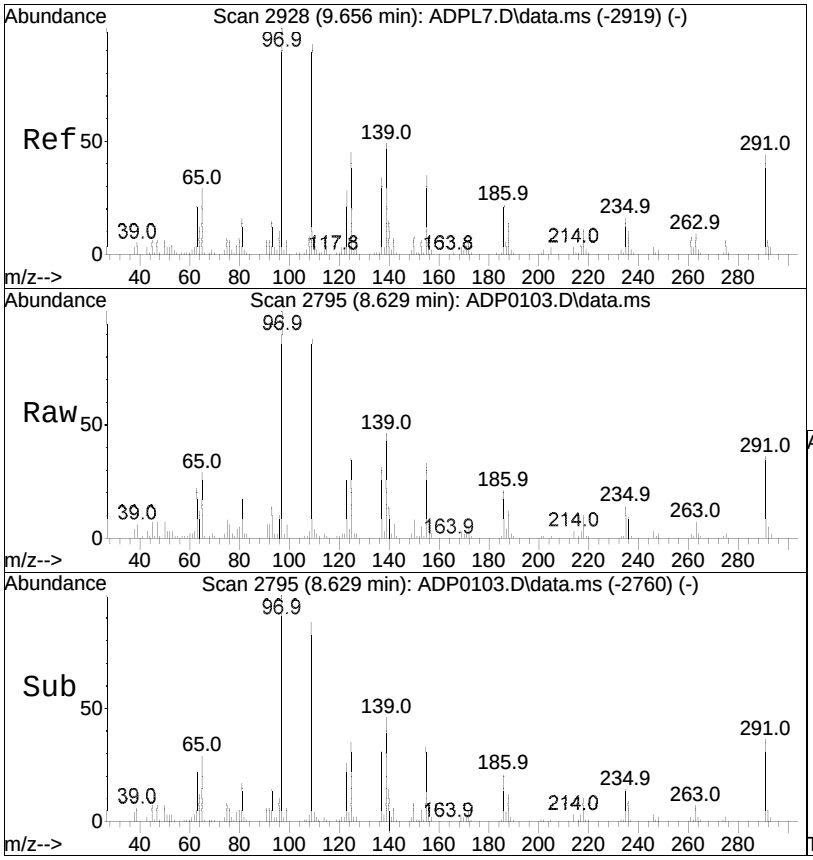


#101
n-Octadecane
Concen: 69.30 ug/ml
RT: 7.879 min Scan# 2531
Delta R.T. 0.000 min
Lab File: ADP0103.D
Acq: 3 Jan 2026 8:16 am

Tgt Ion: 57 Resp: 632696

Ion	Ratio	Lower	Upper
57	100		
43	74.0	56.7	85.1
71	54.2	42.8	64.2

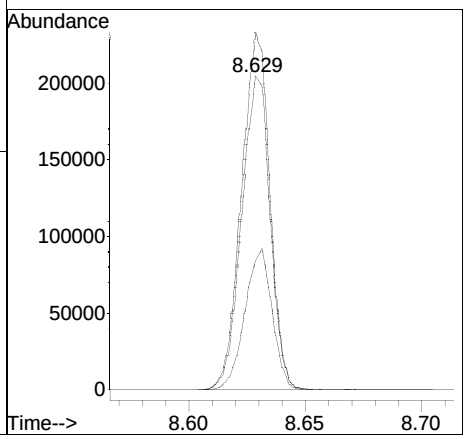


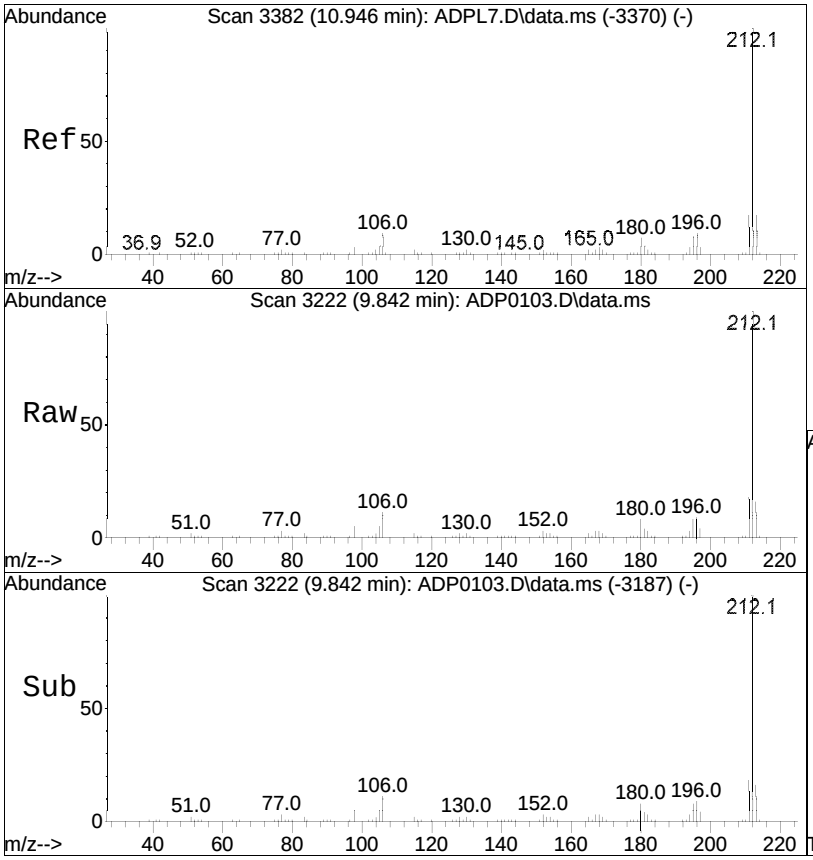


#102
Parathion
Concen: 75.46 ug/ml
RT: 8.629 min Scan# 2795
Delta R.T. 0.000 min
Lab File: ADP0103.D
Acq: 3 Jan 2026 8:16 am

Tgt Ion:109 Resp: 172875

Ion	Ratio	Lower	Upper
109	100		
97	113.7	85.8	128.8
291	43.3	29.8	44.8

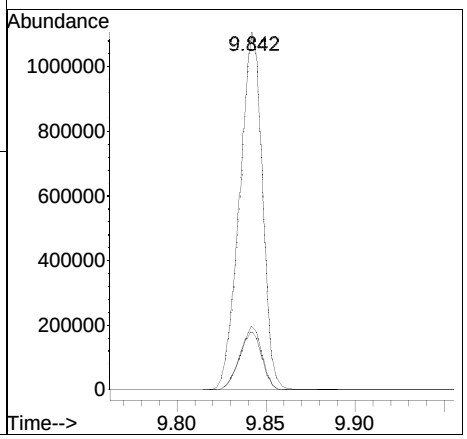




#103
3,3'-Dimethylbenzidine
Concen: 57.60 ug/ml
RT: 9.842 min Scan# 3222
Delta R.T. 0.000 min
Lab File: ADP0103.D
Acq: 3 Jan 2026 8:16 am

Tgt Ion:212 Resp: 973447

Ion	Ratio	Lower	Upper
212	100		
211	17.5	13.5	20.3
213	16.2	13.4	20.0



Manual Integration Report

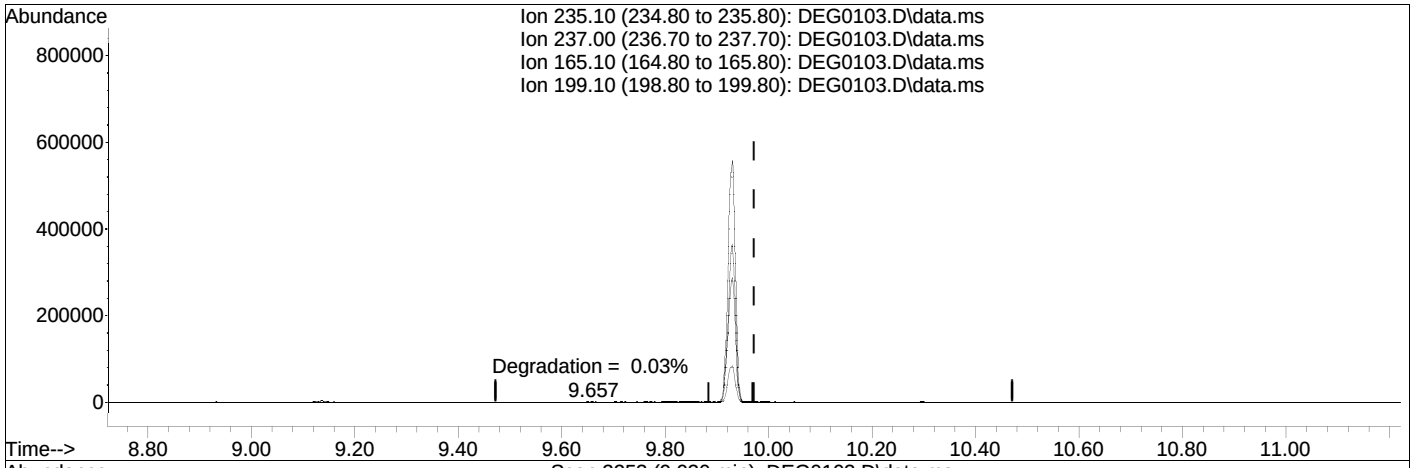
Data Path	: I:\8270\SV103\260103\	QMethod	: FS251116SV103.m
Data File	: ADP0103.D	Operator	: SV103:cmm
Date Inj'd	: 1/3/2026 8:16 am	Instrument	: SV103
Sample	: WG2161293-5,32,,ADP 12023	Quant Date	: 1/3/2026 8:38 am

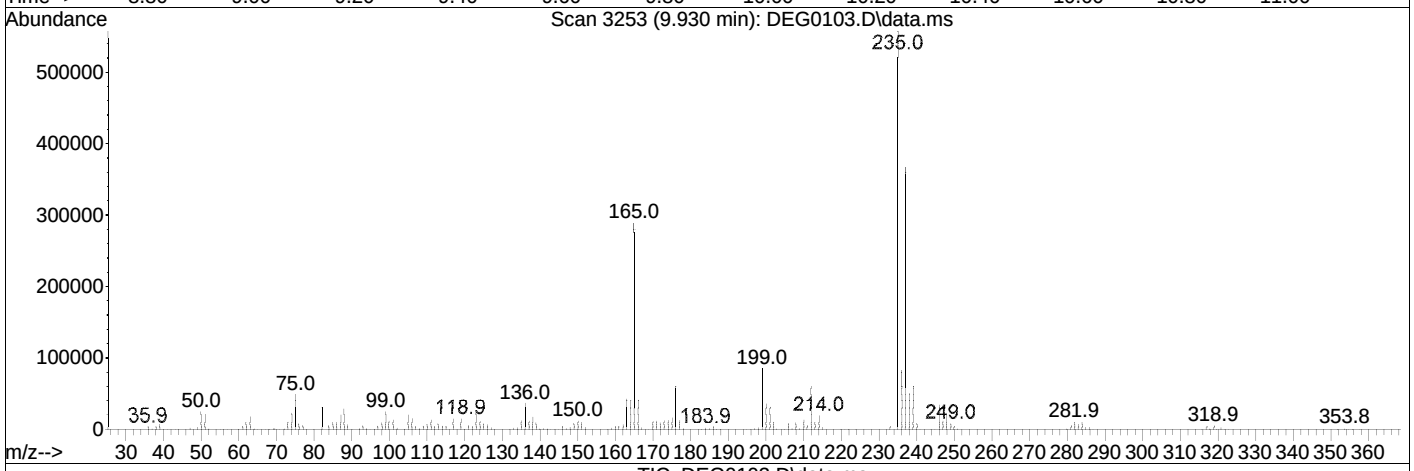
There are no manual integrations or false positives in this file.

Quantitation Report (Qedit)

Data Path : I:\8270\SV103\260103\
Data File : DEG0103.D
Acq On : 3 Jan 2026 7:13 am
Operator : SV103:cmm
Sample : WG2161293-2,32,,SV103 Degdftpp Lot # 12172
Misc : WG2161293,,ical22827
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Jan 03 08:08:21 2026
Quant Method : I:\8270\SV103\260103\DftppSV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 07 09:14:14 2017
Response via : Initial Calibration





TIC: DEG0103.D\data.ms

(6) DDT (T)

9.930min (-0.042) 0.00

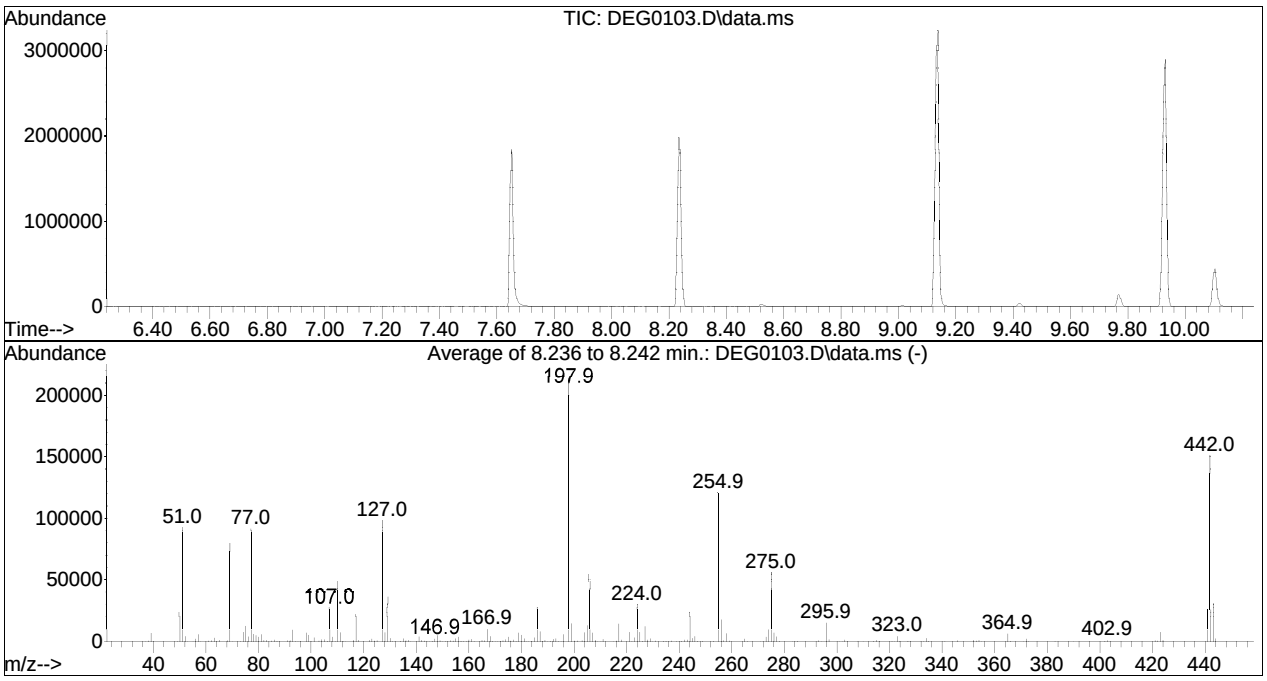
response 526035

Ion	Exp%	Act%
235.10	100.00	100.00
237.00	64.60	64.37
165.10	44.20	51.31
199.10	14.00	15.30

Data Path : I:\8270\SV103\260103\
Data File : DEG0103.D
Acq On : 3 Jan 2026 7:13 am
Operator : SV103:gmr
Sample : WG2161293-1,32,,SV103 Degdftpp Lot # 12172
Misc : WG2161293,,ical22827
ALS Vial : 141 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\SV103\260103\FS251116SV103.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Sat Jan 03 08:38:28 2026



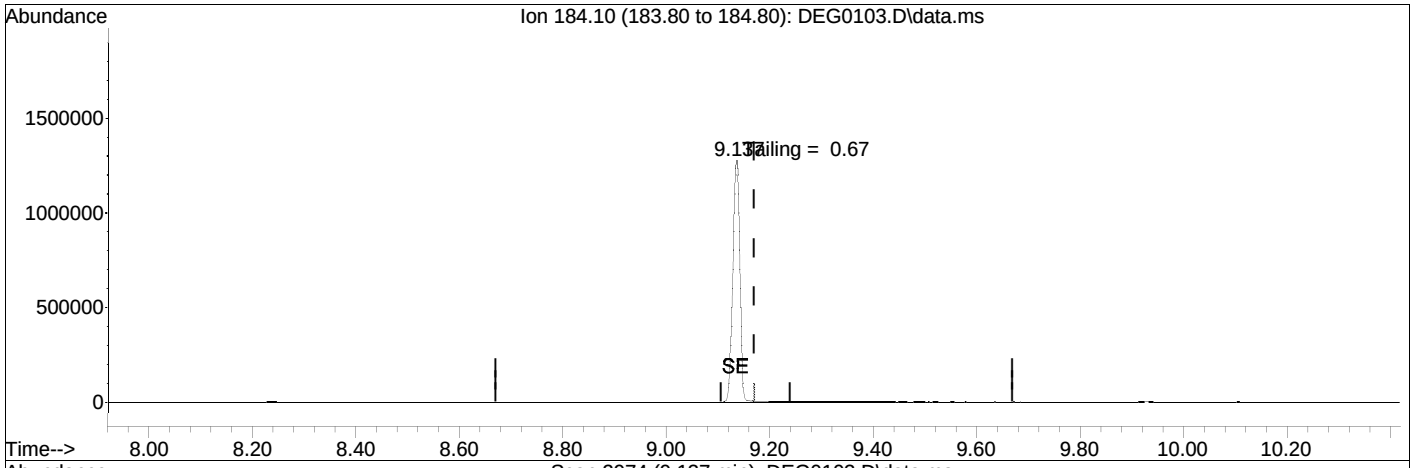
Spectrum Information: Average of 8.236 to 8.242 min.

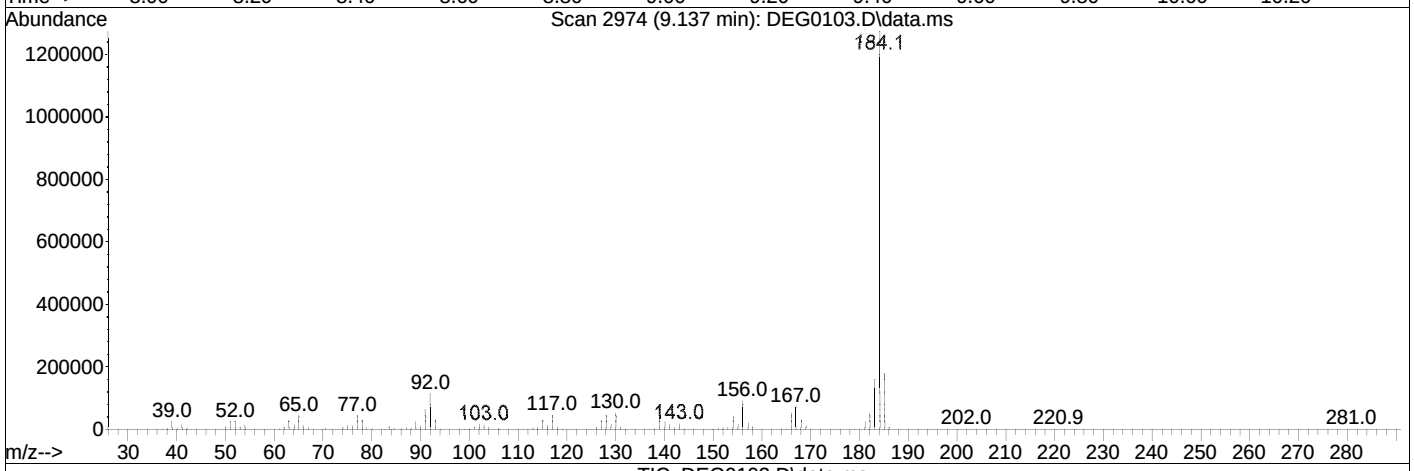
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	43.1	92464	PASS
68	69	0.00	2	1.8	1420	PASS
69	69	0.20	100	100.0	79835	PASS
70	69	0.00	2	0.5	433	PASS
127	198	10	80	45.7	97957	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	214336	PASS
199	198	5	9	6.7	14299	PASS
275	198	10	60	26.0	55669	PASS
365	198	1	100	3.0	6418	PASS
441	442	0.01	24	17.0	25637	PASS
442	198	50	100	70.4	150827	PASS
443	442	15	24	20.5	30917	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\SV103\260103\
Data File : DEG0103.D
Acq On : 3 Jan 2026 7:13 am
Operator : SV103:cmm
Sample : WG2161293-6,32,,SV103 Degdftpp Lot # 12172
Misc : WG2161293,,ical22827
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Jan 03 08:08:21 2026
Quant Method : I:\8270\SV103\260103\DftppSV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 07 09:14:14 2017
Response via : Initial Calibration





TIC: DEG0103.D\data.ms

(3) Benzidine (T)

9.137min (-0.033) 0.00

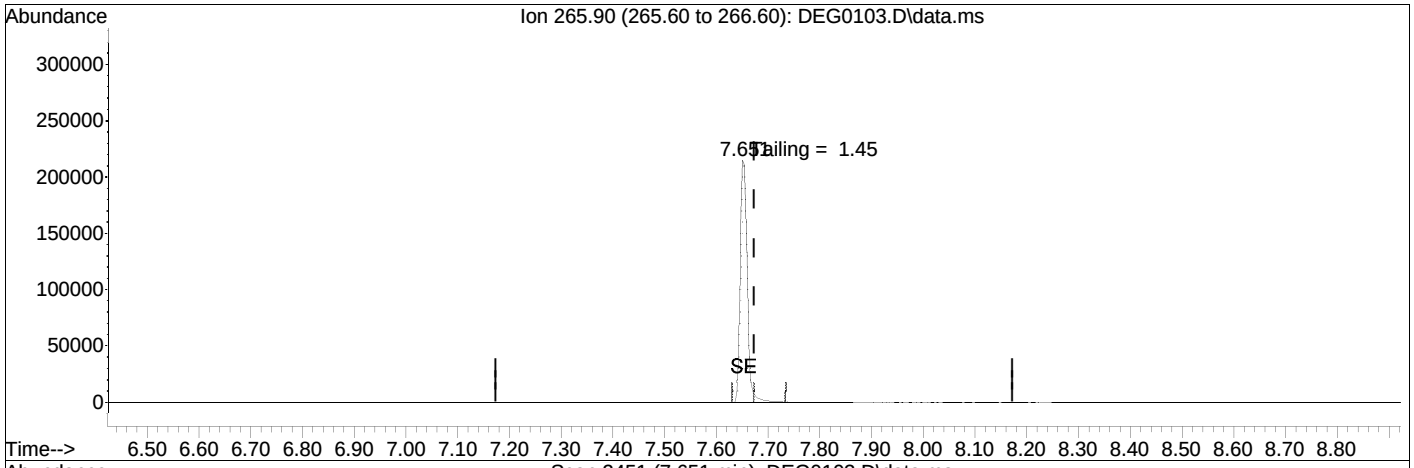
response 1164986

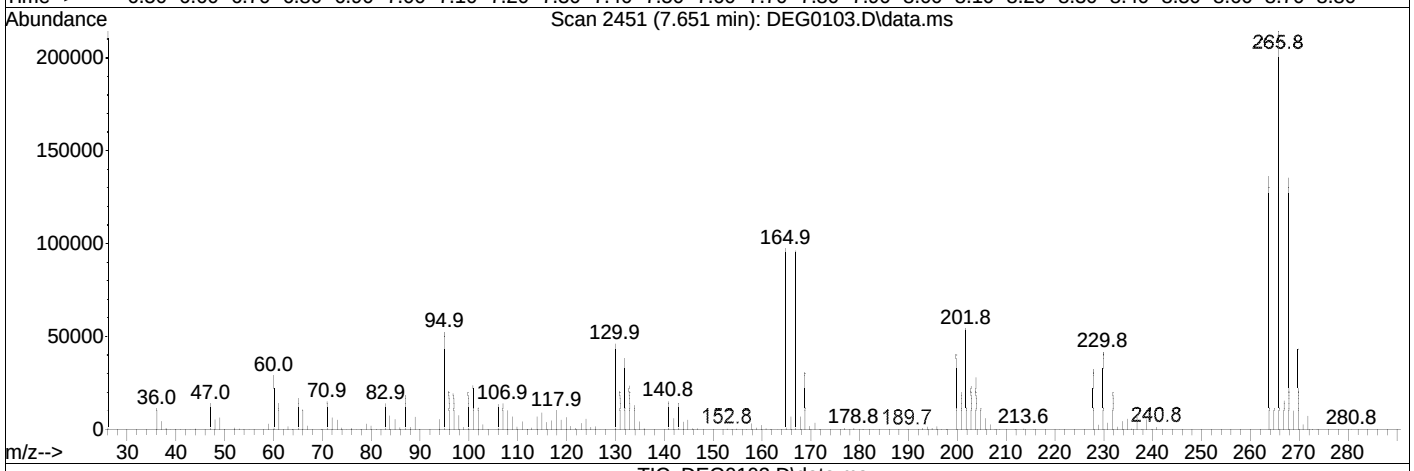
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\SV103\260103\
Data File : DEG0103.D
Acq On : 3 Jan 2026 7:13 am
Operator : SV103:cmm
Sample : WG2161293-7,32,,SV103 Degdftpp Lot # 12172
Misc : WG2161293,,ical22827
ALS Vial : 141 Sample Multiplier: 1

Quant Time: Jan 03 08:08:21 2026
Quant Method : I:\8270\SV103\260103\DftppSV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Nov 07 09:14:14 2017
Response via : Initial Calibration





TIC: DEG0103.D\data.ms

(1) Pentachlorophenol (T)

7.651min (-0.022) 0.00

response 189888

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Semivolatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\251227\
Data File : 158852-1.D
Acq On : 27 Dec 2025 10:14 am
Operator : Juliet:smz
Sample : WG2158852-1,32,,gmr
Misc : WG2159109,WG2158852,ical22379
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 29 08:38:14 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:55:19 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\251227\ABN1227.D
: 2 - I:\8270\Juliet\251227\ADP1227.D
: 3 - I:\8270\Juliet\251227\AP91227.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.340	152	84296	40.000	ug/ml	0.00
Standard Area 1 = 91175			Recovery = 92.46%			
27) IS2_1,4-Dichlorobenzen...	3.340	152	84296	40.000	ug/ml	0.00
Standard Area 3 = 85671			Recovery = 98.40%			
32) IS3_1,4-Dichlorobenzen...	3.340	152	84296	40.000	ug/ml	0.00
Standard Area 2 = 71110			Recovery = 118.54%			
35) IS1_Naphthalene-d8	4.428	136	326208	40.000	ug/ml	0.00
Standard Area 1 = 376049			Recovery = 86.75%			
55) IS2_Naphthalene-d8	4.428	136	326208	40.000	ug/ml	0.00
Standard Area 3 = 348231			Recovery = 93.68%			
63) IS1_Acenaphthene-d10	5.934	164	248330	40.000	ug/ml	0.00
Standard Area 1 = 243935			Recovery = 101.80%			
83) IS2_Acenaphthene-d10	5.934	164	247799	40.000	ug/ml	0.00
Standard Area 3 = 251415			Recovery = 98.56%			
86) IS3_Acenaphthene-d10	5.934	164	247799	40.000	ug/ml	0.00
Standard Area 2 = 198256			Recovery = 124.99%			
88) IS1_Phenanthrene-d10	7.204	188	571697	40.000	ug/ml	0.00
Standard Area 1 = 544648			Recovery = 104.97%			
100) IS3_Phenanthrene-d10	7.204	188	571697	40.000	ug/ml	# 0.00
Standard Area 2 = 465410			Recovery = 122.84%			
104) IS1_Chrysene-d12	9.592	240	674677	40.000	ug/ml	-0.01
Standard Area 1 = 609694			Recovery = 110.66%			
113) IS1_Perylene-d12	11.492	264	844893	40.000	ug/ml	0.00
Standard Area 1 = 666562			Recovery = 126.75%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.251	112	75048	36.137	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 72.27%			
7) Phenol-d6	3.081	99	97353	36.531	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 73.06%			
19) Nitrobenzene-d5	3.822	82	40823	17.548	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 70.19%			
46) 2-Fluorobiphenyl	5.381	172	140987	15.643	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 62.57%			
79) 2,4,6-Tribromophenol	6.616	330	48493	30.792	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 61.58%			

Data Path : I:\8270\Juliet\251227\
Data File : 158852-1.D
Acq On : 27 Dec 2025 10:14 am
Operator : Juliet:smz
Sample : WG2158852-1,32,,gmr
Misc : WG2159109,WG2158852,ical22379
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 29 08:38:14 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:55:19 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\251227\ABN1227.D
: 2 - I:\8270\Juliet\251227\ADP1227.D
: 3 - I:\8270\Juliet\251227\AP91227.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	8.604	244	266102	15.355	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 61.42%

Target Compounds			Qvalue
6) 2-Chlorophenol	0.000	0	N.D.
8) Phenol	0.000	0	N.D.
9) Bis(2-chloroethyl)ether	0.000	0	N.D.
14) Bis(2-chloroisopropyl)...	0.000	0	N.D.
15) 2-Methylphenol	0.000	0	N.D.
16) Hexachloroethane	0.000	0	N.D.
17) n-Nitrosodi-n-propylamine	0.000	0	N.D.
18) 3-Methylphenol/4-Methy...	0.000	0	N.D.
20) Nitrobenzene	0.000	0	N.D.
21) Isophorone	0.000	0	N.D.
22) 2-Nitrophenol	0.000	0	N.D.
23) 2,4-Dimethylphenol	0.000	0	N.D.
24) Bis(2-chloroethoxy)met...	0.000	0	N.D.
25) 2,4-Dichlorophenol	0.000	0	N.D.
28) Benzaldehyde	0.000	0	N.D.
29) Acetophenone	0.000	0	N.D.
36) Naphthalene	0.000	0	N.D.
38) 4-Chloroaniline	0.000	0	N.D.
39) Hexachlorobutadiene	0.000	0	N.D.
40) p-Chloro-m-cresol	0.000	0	N.D.
41) 2-Methylnaphthalene	0.000	0	N.D.
43) Hexachlorocyclopentadiene	0.000	0	N.D.
44) 2,4,6-Trichlorophenol	0.000	0	N.D.
45) 2,4,5-Trichlorophenol	0.000	0	N.D.
47) 2-Chloronaphthalene	0.000	0	N.D.
48) 2-Nitroaniline	0.000	0	N.D.
51) Dimethyl phthalate	0.000	0	N.D.
52) Acenaphthylene	0.000	0	N.D.
53) 2,6-Dinitrotoluene	0.000	0	N.D.
60) Caprolactam	0.000	0	N.D.
61) 1,2,4,5-Tetrachloroben...	0.000	0	N.D.
62) Biphenyl	0.000	0	N.D.
64) 3-Nitroaniline	0.000	0	N.D.

Data Path : I:\8270\Juliet\251227\
Data File : 158852-1.D
Acq On : 27 Dec 2025 10:14 am
Operator : Juliet:smz
Sample : WG2158852-1,32,,gmr
Misc : WG2159109,WG2158852,ical22379
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 29 08:38:14 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:55:19 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\251227\ABN1227.D
: 2 - I:\8270\Juliet\251227\ADP1227.D
: 3 - I:\8270\Juliet\251227\AP91227.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Acenaphthene	0.000		0	N.D.		
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	0.000		0	N.D.		
68) 2,4-Dinitrotoluene	0.000		0	N.D.		
69) 4-Nitrophenol	0.000		0	N.D.		
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		
73) Fluorene	0.000		0	N.D.		
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75) 4-Nitroaniline	0.000		0	N.D.		
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.		
77) NDPA/DPA	0.000		0	N.D.		d
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
81) Hexachlorobenzene	0.000		0	N.D.		
82) Pentachlorophenol	0.000		0	N.D.		
87) Atrazine	0.000		0	N.D.		
89) Phenanthrene	0.000		0	N.D.		
90) Anthracene	0.000		0	N.D.		
91) Carbazole	0.000		0	N.D.		
92) Di-n-butylphthalate	0.000		0	N.D.		
93) Fluoranthene	0.000		0	N.D.		
95) Pyrene	0.000		0	N.D.		
97) Butyl benzyl phthalate	0.000		0	N.D.		
105) Benzo(a)anthracene	0.000		0	N.D.		d
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
107) Chrysene	0.000		0	N.D.		d
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.		d
109) Di-n-octylphthalate	0.000		0	N.D.		d
110) Benzo(b)fluoranthene	0.000		0	N.D.		
111) Benzo(k)fluoranthene	0.000		0	N.D.		
112) Benzo(a)pyrene	0.000		0	N.D.		d
114) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
115) Dibenzo(a,h)anthracene	0.000		0	N.D.		
116) Benzo(ghi)perylene	0.000		0	N.D.		

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\251227\
Data File : 158852-1.D
Acq On : 27 Dec 2025 10:14 am
Operator : Juliet:smz
Sample : WG2158852-1,32,,gmr
Misc : WG2159109,WG2158852,ical22379
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 29 08:38:14 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:55:19 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\251227\ABN1227.D
: 2 - I:\8270\Juliet\251227\ADP1227.D
: 3 - I:\8270\Juliet\251227\AP91227.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

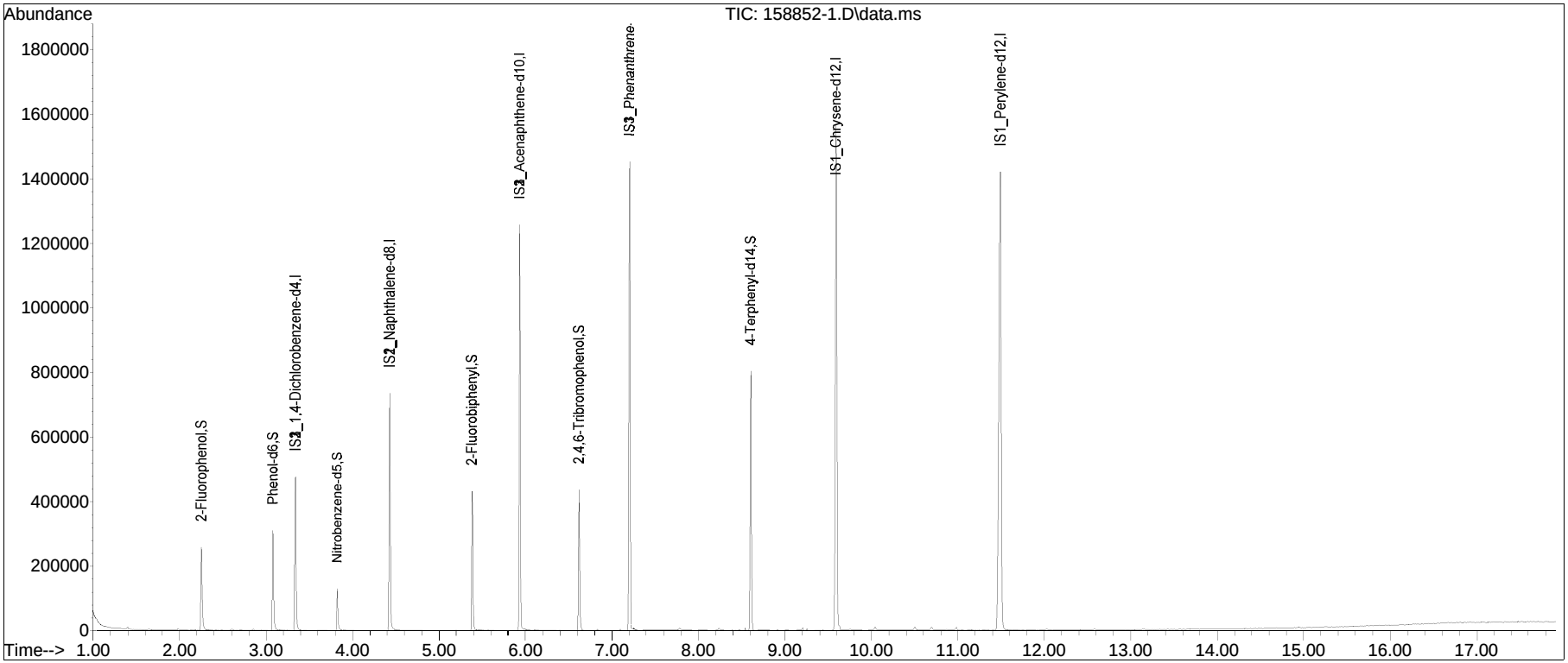
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\251227\
Data File : 158852-1.D
Acq On : 27 Dec 2025 10:14 am
Operator : Juliet:smz
Sample : WG2158852-1,32,,gmr
Misc : WG2159109,WG2158852,ical22379
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 29 08:38:14 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:55:19 2025
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MA7\AP91227.D•



FS250614Juliet.m Mon Dec 29 08:40:41 2025 Page: 5

Manual Integration Report

Data Path	: I:\8270\Juliet\251227\	QMethod	: FS250614Juliet.m
Data File	: 158852-1.D	Operator	: Juliet:smz
Date Inj'd	: 12/27/2025 10:14 am	Instrument	: Juliet
Sample	: WG2158852-1,32,,gmr	Quant Date	: 12/27/2025 10:33 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\Juliet\251227\
Data File : 158852-1.D
Acq On : 27 Dec 2025 10:14 am
Operator : Juliet:smz
Sample : WG2158852-1,32,,gmr
Misc : WG2159109,WG2158852,ical22379
ALS Vial : 4 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 1000 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\Juliet\251227\FS250614Juliet.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 158852-1.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.251	212	215	223	rBV	256986	243509	10.53%	2.565%
2	3.081	353	356	366	rBV	309519	273423	11.82%	2.880%
3	3.340	396	400	412	rBV	476794	438470	18.96%	4.618%
4	3.822	479	482	495	rBV	129102	117231	5.07%	1.235%
5	4.428	582	585	597	rBV	735097	599249	25.91%	6.311%
6	5.381	744	747	761	rBV	431202	368224	15.92%	3.878%
7	5.934	838	841	845	rBV	1257146	999227	43.20%	10.524%
8	6.616	954	957	968	rBV	436462	353506	15.28%	3.723%
9	7.204	1053	1057	1060	rBV	1452592	1289766	55.76%	13.584%
10	8.604	1291	1295	1305	rBV	804247	688003	29.74%	7.246%
11	9.592	1458	1463	1468	rBV	1564867	1811222	78.30%	19.076%
12	11.492	1777	1786	1805	rBV	1420890	2313127	100.00%	24.362%

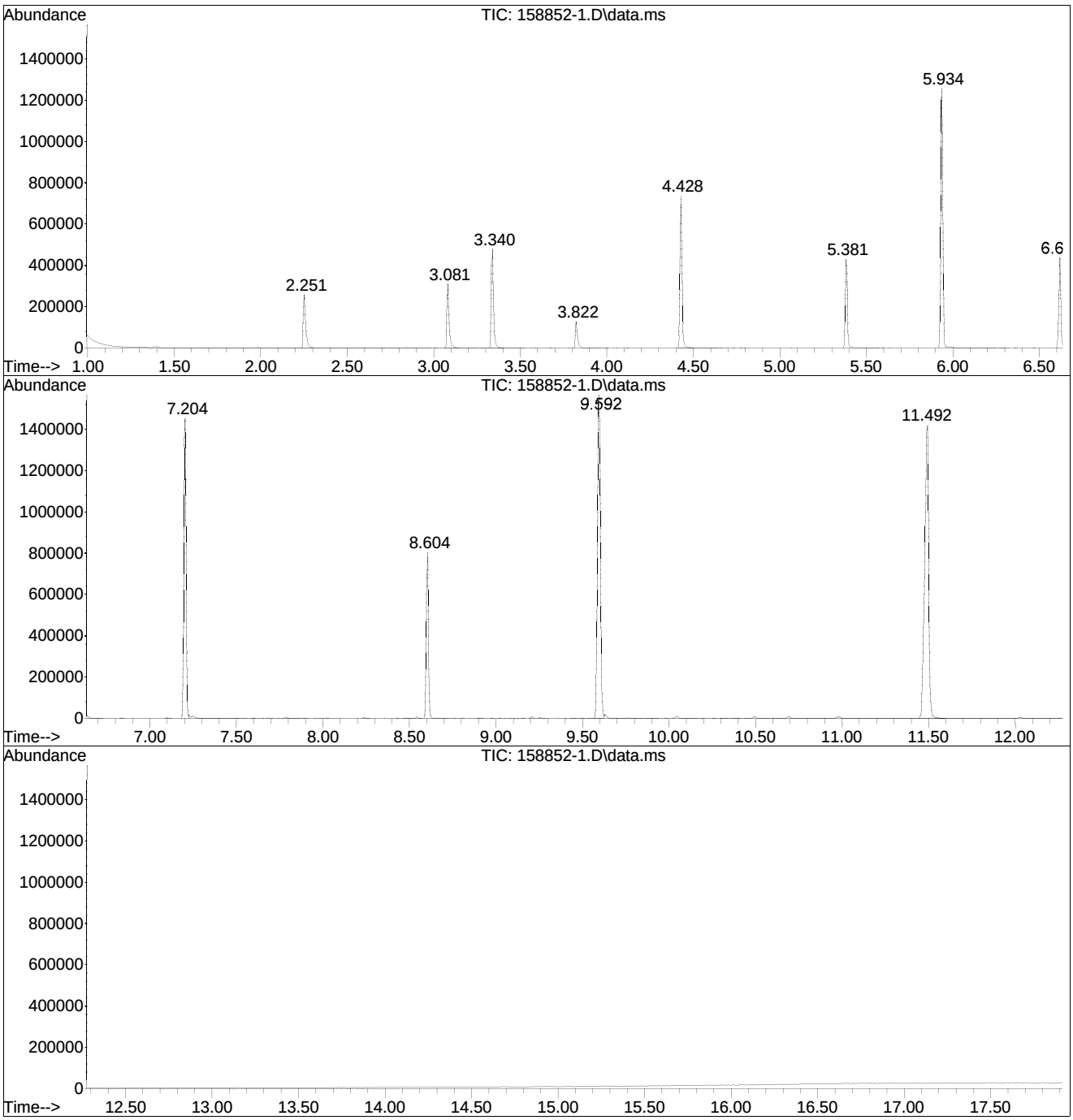
Sum of corrected areas: 9494957

LSC Report - Integrated Chromatogram

Data Path : I:\8270\Juliet\251227\
Data File : 158852-1.D
Acq On : 27 Dec 2025 10:14 am
Operator : Juliet:smz
Sample : WG2158852-1,32,,gmr
Misc : WG2159109,WG2158852,ical22379
ALS Vial : 4 Sample Multiplier: 1

Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : I:\8270\Juliet\251227\
Data File : 158852-1.D
Acq On : 27 Dec 2025 10:14 am
Operator : Juliet:smz
Sample : WG2158852-1,32,,gmr
Misc : WG2159109,WG2158852,ical22379
ALS Vial : 4 Sample Multiplier: 1

Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\Juliet\251227\
Data File : 158852-1.D
Acq On : 27 Dec 2025 10:14 am
Operator : Juliet:smz
Sample : WG2158852-1,32,,gmr
Misc : WG2159109,WG2158852,ical22379
ALS Vial : 4 Sample Multiplier: 1

Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\260103\
Data File : 160343-1.D
Acq On : 3 Jan 2026 8:48 am
Operator : SV103:cmm
Sample : WG2160343-1,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 04 18:21:34 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.429	152	209357	40.000	ug/ml		0.00
Standard Area 1 = 229319			Recovery = 91.30%				
27) IS2_1,4-Dichlorobenzen...	3.429	152	209357	40.000	ug/ml		0.00
Standard Area 3 = 206396			Recovery = 101.43%				
32) IS3_1,4-Dichlorobenzen...	3.429	152	209357	40.000	ug/ml		0.00
Standard Area 2 = 203595			Recovery = 102.83%				
35) IS1_Naphthalene-d8	4.710	136	809535	40.000	ug/ml		0.00
Standard Area 1 = 878891			Recovery = 92.11%				
55) IS2_Naphthalene-d8	4.710	136	809535	40.000	ug/ml		0.00
Standard Area 3 = 813634			Recovery = 99.50%				
63) IS1_Acenaphthene-d10	6.395	164	470582	40.000	ug/ml		0.00
Standard Area 1 = 498403			Recovery = 94.42%				
83) IS2_Acenaphthene-d10	6.395	164	470582	40.000	ug/ml		0.00
Standard Area 3 = 466338			Recovery = 100.91%				
86) IS3_Acenaphthene-d10	6.395	164	470582	40.000	ug/ml		0.00
Standard Area 2 = 454716			Recovery = 103.49%				
88) IS1_Phenanthrene-d10	7.793	188	918635	40.000	ug/ml	#	0.00
Standard Area 1 = 991330			Recovery = 92.67%				
100) IS3_Phenanthrene-d10	7.793	188	918635	40.000	ug/ml	#	0.00
Standard Area 2 = 916227			Recovery = 100.26%				
104) IS1_Chrysene-d12	10.305	240	884361	40.000	ug/ml		0.00
Standard Area 1 = 937828			Recovery = 94.30%				
113) IS1_Perylene-d12	11.751	264	1077107	40.000	ug/ml		0.00
Standard Area 1 = 1017246			Recovery = 105.88%				
System Monitoring Compounds							
4) 2-Fluorophenol	1.920	112	228594	38.035	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 76.07%				
7) Phenol-d6	3.176	99	302473	40.980	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 81.96%				
19) Nitrobenzene-d5	4.023	82	137029	22.230	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.92%				
46) 2-Fluorobiphenyl	5.804	172	311740	18.462	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 73.85%				
79) 2,4,6-Tribromophenol	7.154	330	106933	45.196	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 90.39%				

Data Path : I:\8270\SV103\260103\
Data File : 160343-1.D
Acq On : 3 Jan 2026 8:48 am
Operator : SV103:cmm
Sample : WG2160343-1,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 04 18:21:34 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	9.373	244	469087	20.475	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 81.90%

Target Compounds				Qvalue
6) 2-Chlorophenol	0.000	0	N.D.	
8) Phenol	0.000	0	N.D.	
9) Bis(2-chloroethyl)ether	0.000	0	N.D.	
14) Bis(2-chloroisopropyl)...	0.000	0	N.D.	
15) 2-Methylphenol	0.000	0	N.D.	
16) Hexachloroethane	0.000	0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000	0	N.D.	
18) 3-Methylphenol/4-Methy...	0.000	0	N.D.	
20) Nitrobenzene	0.000	0	N.D.	d
21) Isophorone	0.000	0	N.D.	
22) 2-Nitrophenol	0.000	0	N.D.	
23) 2,4-Dimethylphenol	0.000	0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000	0	N.D.	
25) 2,4-Dichlorophenol	0.000	0	N.D.	
28) Benzaldehyde	0.000	0	N.D.	
29) Acetophenone	0.000	0	N.D.	
36) Naphthalene	0.000	0	N.D.	
38) 4-Chloroaniline	0.000	0	N.D.	
39) Hexachlorobutadiene	0.000	0	N.D.	
40) p-Chloro-m-cresol	0.000	0	N.D.	
41) 2-Methylnaphthalene	0.000	0	N.D.	
43) Hexachlorocyclopentadiene	0.000	0	N.D.	
44) 2,4,6-Trichlorophenol	0.000	0	N.D.	
45) 2,4,5-Trichlorophenol	0.000	0	N.D.	
47) 2-Chloronaphthalene	0.000	0	N.D.	
48) 2-Nitroaniline	0.000	0	N.D.	
51) Dimethyl phthalate	0.000	0	N.D.	
52) Acenaphthylene	0.000	0	N.D.	
53) 2,6-Dinitrotoluene	0.000	0	N.D.	
60) Caprolactam	0.000	0	N.D.	
61) 1,2,4,5-Tetrachloroben...	0.000	0	N.D.	
62) Biphenyl	0.000	0	N.D.	d
64) 3-Nitroaniline	0.000	0	N.D.	

Data Path : I:\8270\SV103\260103\
Data File : 160343-1.D
Acq On : 3 Jan 2026 8:48 am
Operator : SV103:cmm
Sample : WG2160343-1,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 04 18:21:34 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Acenaphthene	0.000		0	N.D.	d	
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	0.000		0	N.D.		
68) 2,4-Dinitrotoluene	0.000		0	N.D.		
69) 4-Nitrophenol	0.000		0	N.D.		
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		
73) Fluorene	0.000		0	N.D.		
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75) 4-Nitroaniline	0.000		0	N.D.		
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.		
77) NDPA/DPA	0.000		0	N.D.	d	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.		
81) Hexachlorobenzene	0.000		0	N.D.		
82) Pentachlorophenol	0.000		0	N.D.		
87) Atrazine	0.000		0	N.D.		
89) Phenanthrene	0.000		0	N.D.	d	
90) Anthracene	0.000		0	N.D.	d	
91) Carbazole	0.000		0	N.D.	d	
92) Di-n-butylphthalate	0.000		0	N.D.	d	
93) Fluoranthene	0.000		0	N.D.	d	
95) Pyrene	0.000		0	N.D.	d	
97) Butyl benzyl phthalate	0.000		0	N.D.	d	
105) Benzo(a)anthracene	0.000		0	N.D.	d	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
107) Chrysene	0.000		0	N.D.	d	
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
109) Di-n-octylphthalate	0.000		0	N.D.	d	
110) Benzo(b)fluoranthene	0.000		0	N.D.	d	
111) Benzo(k)fluoranthene	0.000		0	N.D.	d	
112) Benzo(a)pyrene	0.000		0	N.D.	d	
114) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	d	
115) Dibenzo(a,h)anthracene	0.000		0	N.D.	d	
116) Benzo(ghi)perylene	0.000		0	N.D.	d	

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

Data Path : I:\8270\SV103\260103\
Data File : 160343-1.D
Acq On : 3 Jan 2026 8:48 am
Operator : SV103:cmm
Sample : WG2160343-1,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 04 18:21:34 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

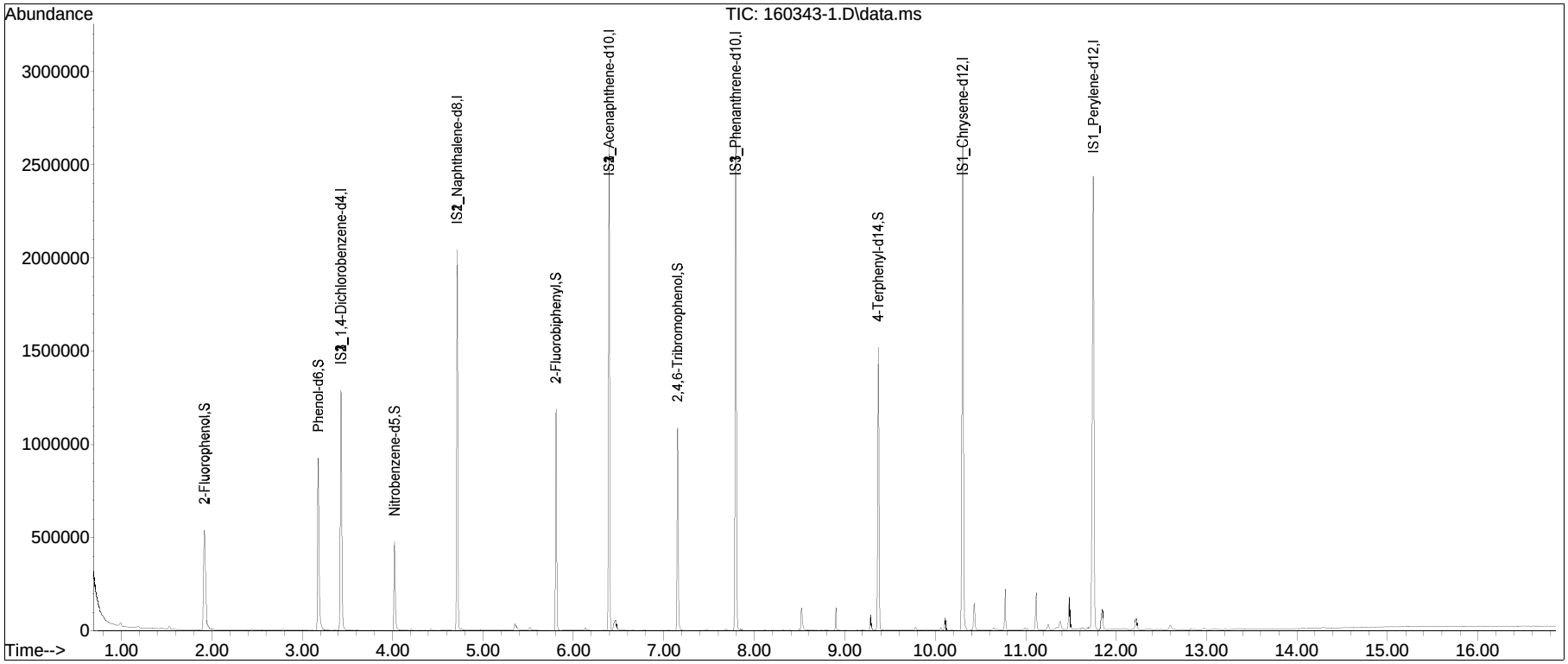
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\260103\
Data File : 160343-1.D
Acq On : 3 Jan 2026 8:48 am
Operator : SV103:cmm
Sample : WG2160343-1,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 04 18:21:34 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MA\AP90103.D•



Manual Integration Report

Data Path	: I:\8270\SV103\260103\	QMethod	: FS251116SV103.m
Data File	: 160343-1.D	Operator	: SV103:cmm
Date Inj'd	: 1/3/2026 8:48 am	Instrument	: SV103
Sample	: WG2160343-1,32,,gmr	Quant Date	: 1/3/2026 9:06 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\SV103\260103\
Data File : 160343-1.D
Acq On : 3 Jan 2026 8:48 am
Operator : SV103:cmm
Sample : WG2160343-1,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 400 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV103\260103\FS251116SV103.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 160343-1.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.920	424	434	466	rBV2	535965	866293	28.77%	4.289%
2	3.176	870	876	903	rBV	925002	929169	30.86%	4.600%
3	3.429	956	965	987	rBV	1288507	1289484	42.83%	6.384%
4	4.023	1168	1174	1193	rBV	475401	420251	13.96%	2.081%
5	4.710	1408	1416	1427	rBV	2042604	1686542	56.02%	8.350%
6	5.353	1635	1642	1658	rBV2	32540	61282	2.04%	0.303%
7	5.804	1793	1801	1811	rBV	1188074	918096	30.50%	4.545%
8	6.395	2001	2009	2020	rBV	2604425	2082276	69.16%	10.309%
9	6.464	2020	2033	2045	rVV4	55616	108556	3.61%	0.537%
10	7.154	2269	2276	2297	rBV	1087967	924143	30.70%	4.575%
11	7.793	2492	2501	2515	rBV2	2711768	2325376	77.24%	11.512%
12	8.524	2752	2758	2778	rVB	116124	128139	4.26%	0.634%
13	8.896	2881	2889	2898	rBV	119184	108505	3.60%	0.537%
14	9.279	3018	3024	3041	rBV	84583	101658	3.38%	0.503%
15	9.373	3049	3057	3068	rVB	1516147	1329089	44.15%	6.580%
16	10.106	3307	3315	3328	rBV	62977	64254	2.13%	0.318%
17	10.305	3370	3385	3405	rBV	2625000	2581048	85.73%	12.778%
18	10.433	3421	3430	3441	rBV	143842	149654	4.97%	0.741%
19	10.771	3537	3549	3560	rBV	216424	247520	8.22%	1.225%
20	11.121	3661	3672	3683	rBV	197803	254778	8.46%	1.261%
21	11.254	3708	3719	3726	rBV3	30672	37447	1.24%	0.185%
22	11.382	3755	3764	3778	rVB5	45009	72899	2.42%	0.361%
23	11.481	3788	3799	3812	rBV	175236	229546	7.62%	1.136%
24	11.749	3881	3893	3911	rVB2	2435713	3010631	100.00%	14.905%
25	11.848	3918	3928	3945	rVB2	108718	151917	5.05%	0.752%
26	12.223	4049	4060	4075	rVB2	55609	80934	2.69%	0.401%
27	12.595	4179	4191	4203	rBV5	24781	39411	1.31%	0.195%

LSC Area Percent Report

Data Path : I:\8270\SV103\260103\
Data File : 160343-1.D
Acq On : 3 Jan 2026 8:48 am
Operator : SV103:cmm
Sample : WG2160343-1,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 1 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 400 Area counts
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\SV103\260103\FS251116SV103.m
Title : Semivolatiles by GC/MS by modified 8270

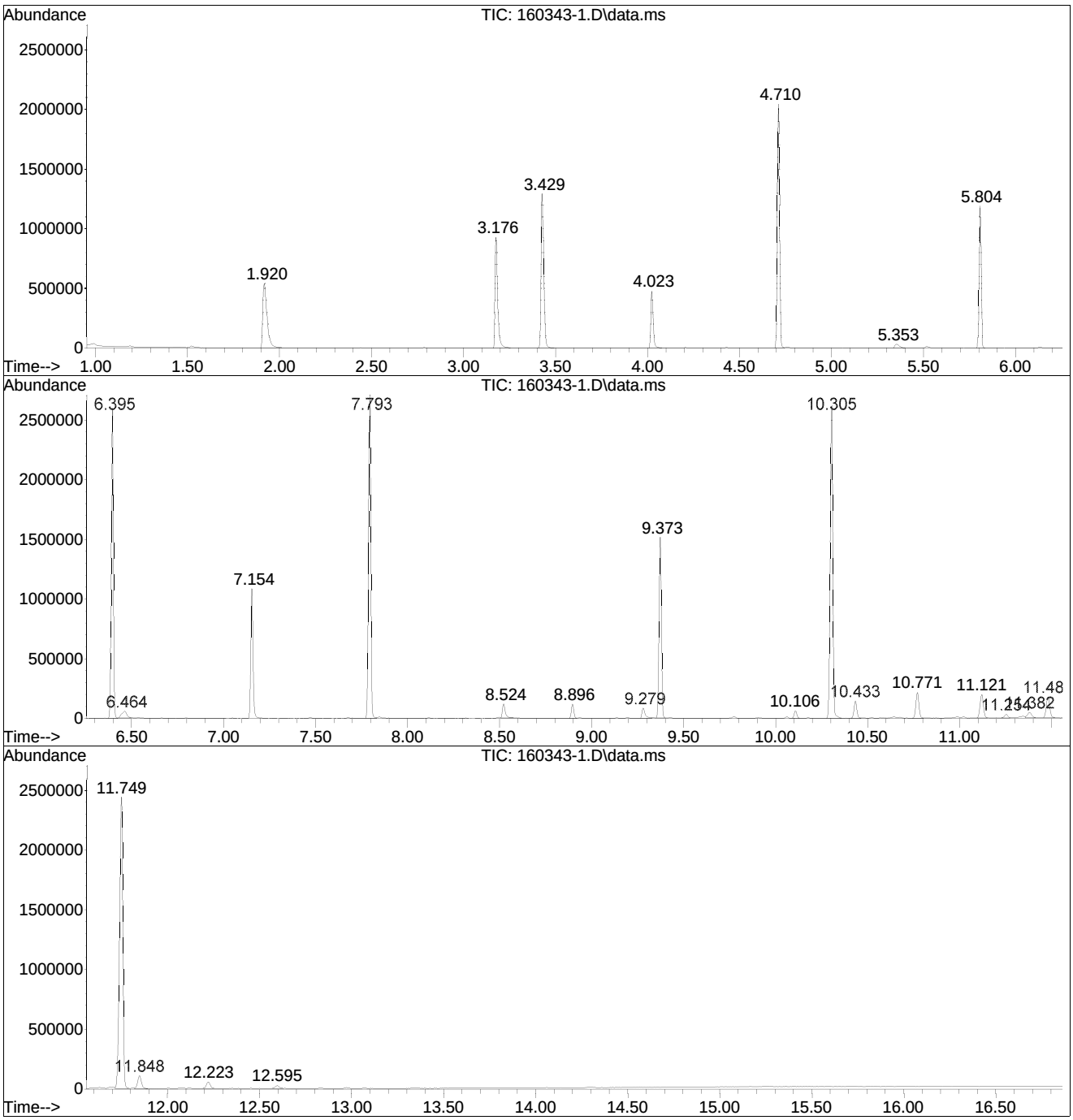
Sum of corrected areas: 20198898

LSC Report - Integrated Chromatogram

Data Path : I:\8270\SV103\260103\
Data File : 160343-1.D
Acq On : 3 Jan 2026 8:48 am
Operator : SV103:cmm
Sample : WG2160343-1,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : I:\8270\SV103\260103\
Data File : 160343-1.D
Acq On : 3 Jan 2026 8:48 am
Operator : SV103:cmm
Sample : WG2160343-1,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\SV103\260103\
Data File : 160343-1.D
Acq On : 3 Jan 2026 8:48 am
Operator : SV103:cmm
Sample : WG2160343-1,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 1 Sample Multiplier: 1

Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\251229\
Data File : 159340-1.D
Acq On : 29 Dec 2025 11:34 am
Operator : GCMS5:cmm
Sample : WG2159340-1,32,,smc
Misc : wg2159627,WG2159340,ical22516
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 30 05:53:37 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 29 14:24:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\251229\ABN1229.D
: 2 - I:\8270\GCMS5\251229\ADP1229.D
: 3 - I:\8270\GCMS5\251229\AP91229.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	5.612	152	159801	40.000	ug/ml		0.00
Standard Area 1 = 207886			Recovery = 76.87%				
27) IS2_1,4-Dichlorobenzen...	5.612	152	159801	40.000	ug/ml		0.00
Standard Area 3 = 201235			Recovery = 79.41%				
32) IS3_1,4-Dichlorobenzen...	5.612	152	159801	40.000	ug/ml		0.00
Standard Area 2 = 199342			Recovery = 80.16%				
35) IS1_Naphthalene-d8	6.946	136	609589	40.000	ug/ml		0.00
Standard Area 1 = 830427			Recovery = 73.41%				
55) IS2_Naphthalene-d8	6.946	136	609589	40.000	ug/ml		0.00
Standard Area 3 = 774576			Recovery = 78.70%				
63) IS1_Acenaphthene-d10	8.685	164	380657	40.000	ug/ml		0.00
Standard Area 1 = 492520			Recovery = 77.29%				
83) IS2_Acenaphthene-d10	8.685	164	380682	40.000	ug/ml		0.00
Standard Area 3 = 468814			Recovery = 81.20%				
86) IS3_Acenaphthene-d10	8.685	164	380682	40.000	ug/ml		0.00
Standard Area 2 = 477897			Recovery = 79.66%				
88) IS1_Phenanthrene-d10	10.118	188	803042	40.000	ug/ml	#	0.00
Standard Area 1 = 999664			Recovery = 80.33%				
100) IS3_Phenanthrene-d10	10.118	188	803042	40.000	ug/ml	#	0.00
Standard Area 2 = 1027642			Recovery = 78.14%				
104) IS1_Chrysene-d12	12.851	240	872029	40.000	ug/ml		0.00
Standard Area 1 = 1046728			Recovery = 83.31%				
113) IS1_Perylene-d12	14.584	264	1067008	40.000	ug/ml		0.00
Standard Area 1 = 1120829			Recovery = 95.20%				
System Monitoring Compounds							
4) 2-Fluorophenol	4.084	112	165851	37.170	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 74.34%				
7) Phenol-d6	5.289	99	220848	36.681	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 73.36%				
19) Nitrobenzene-d5	6.211	82	105334	19.204	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 76.82%				
46) 2-Fluorobiphenyl	8.044	172	235537	16.885	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 67.54%				
79) 2,4,6-Tribromophenol	9.454	330	74090	31.169	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 62.34%				

Data Path : I:\8270\GCMS5\251229\
Data File : 159340-1.D
Acq On : 29 Dec 2025 11:34 am
Operator : GCMS5:cmm
Sample : WG2159340-1,32,,smc
Misc : wg2159627,WG2159340,ical22516
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 30 05:53:37 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 29 14:24:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\251229\ABN1229.D
: 2 - I:\8270\GCMS5\251229\ADP1229.D
: 3 - I:\8270\GCMS5\251229\AP91229.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	11.705	244	397612	17.243	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 68.97%

Target Compounds				Qvalue
6) 2-Chlorophenol	0.000	0	N.D.	
8) Phenol	0.000	0	N.D.	
9) Bis(2-chloroethyl)ether	0.000	0	N.D.	
14) Bis(2-chloroisopropyl)...	0.000	0	N.D.	
15) 2-Methylphenol	0.000	0	N.D.	
16) Hexachloroethane	0.000	0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000	0	N.D.	
18) 3-Methylphenol/4-Methy...	0.000	0	N.D.	
20) Nitrobenzene	0.000	0	N.D.	
21) Isophorone	0.000	0	N.D.	
22) 2-Nitrophenol	0.000	0	N.D.	
23) 2,4-Dimethylphenol	0.000	0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000	0	N.D.	
25) 2,4-Dichlorophenol	0.000	0	N.D.	
28) Benzaldehyde	0.000	0	N.D.	
29) Acetophenone	0.000	0	N.D.	
36) Naphthalene	0.000	0	N.D.	
38) 4-Chloroaniline	0.000	0	N.D.	
39) Hexachlorobutadiene	0.000	0	N.D.	
40) p-Chloro-m-cresol	0.000	0	N.D.	
41) 2-Methylnaphthalene	0.000	0	N.D.	
43) Hexachlorocyclopentadiene	0.000	0	N.D.	
44) 2,4,6-Trichlorophenol	0.000	0	N.D.	
45) 2,4,5-Trichlorophenol	0.000	0	N.D.	
47) 2-Chloronaphthalene	0.000	0	N.D.	
48) 2-Nitroaniline	0.000	0	N.D.	
51) Dimethyl phthalate	0.000	0	N.D.	
52) Acenaphthylene	0.000	0	N.D.	
53) 2,6-Dinitrotoluene	0.000	0	N.D.	
60) Caprolactam	0.000	0	N.D.	
61) 1,2,4,5-Tetrachloroben...	0.000	0	N.D.	
62) Biphenyl	0.000	0	N.D.	
64) 3-Nitroaniline	0.000	0	N.D.	

Data Path : I:\8270\GCMS5\251229\
Data File : 159340-1.D
Acq On : 29 Dec 2025 11:34 am
Operator : GCMS5:cmm
Sample : WG2159340-1,32,,smc
Misc : wg2159627,WG2159340,ical22516
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 30 05:53:37 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 29 14:24:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\251229\ABN1229.D
: 2 - I:\8270\GCMS5\251229\ADP1229.D
: 3 - I:\8270\GCMS5\251229\AP91229.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65)	Acenaphthene	0.000		0	N.D.	d	
66)	2,4-Dinitrophenol	0.000		0	N.D.		
67)	Dibenzofuran	0.000		0	N.D.		
68)	2,4-Dinitrotoluene	0.000		0	N.D.		
69)	4-Nitrophenol	0.000		0	N.D.		
71)	2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72)	Diethyl phthalate	0.000		0	N.D.		
73)	Fluorene	0.000		0	N.D.		
74)	4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75)	4-Nitroaniline	0.000		0	N.D.		
76)	4,6-Dinitro-o-cresol	0.000		0	N.D.		
77)	NDPA/DPA	0.000		0	N.D.	d	
80)	4-Bromophenyl phenyl e...	0.000		0	N.D.		
81)	Hexachlorobenzene	0.000		0	N.D.		
82)	Pentachlorophenol	0.000		0	N.D.		
87)	Atrazine	0.000		0	N.D.		
89)	Phenanthrene	0.000		0	N.D.	d	
90)	Anthracene	0.000		0	N.D.	d	
91)	Carbazole	0.000		0	N.D.		
92)	Di-n-butylphthalate	0.000		0	N.D.	d	
93)	Fluoranthene	0.000		0	N.D.		
95)	Pyrene	0.000		0	N.D.		
97)	Butyl benzyl phthalate	0.000		0	N.D.		
105)	Benzo(a)anthracene	0.000		0	N.D.	d	
106)	3,3'-Dichlorobenzidine	0.000		0	N.D.		
107)	Chrysene	0.000		0	N.D.	d	
108)	Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
109)	Di-n-octylphthalate	0.000		0	N.D.	d	
110)	Benzo(b)fluoranthene	0.000		0	N.D.	d	
111)	Benzo(k)fluoranthene	0.000		0	N.D.	d	
112)	Benzo(a)pyrene	0.000		0	N.D.	d	
114)	Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	d	
115)	Dibenzo(a,h)anthracene	0.000		0	N.D.	d	
116)	Benzo(ghi)perylene	0.000		0	N.D.	d	

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

Data Path : I:\8270\GCMS5\251229\
Data File : 159340-1.D
Acq On : 29 Dec 2025 11:34 am
Operator : GCMS5:cmm
Sample : WG2159340-1,32,,smc
Misc : wg2159627,WG2159340,ical22516
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 30 05:53:37 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 29 14:24:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\251229\ABN1229.D
: 2 - I:\8270\GCMS5\251229\ADP1229.D
: 3 - I:\8270\GCMS5\251229\AP91229.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

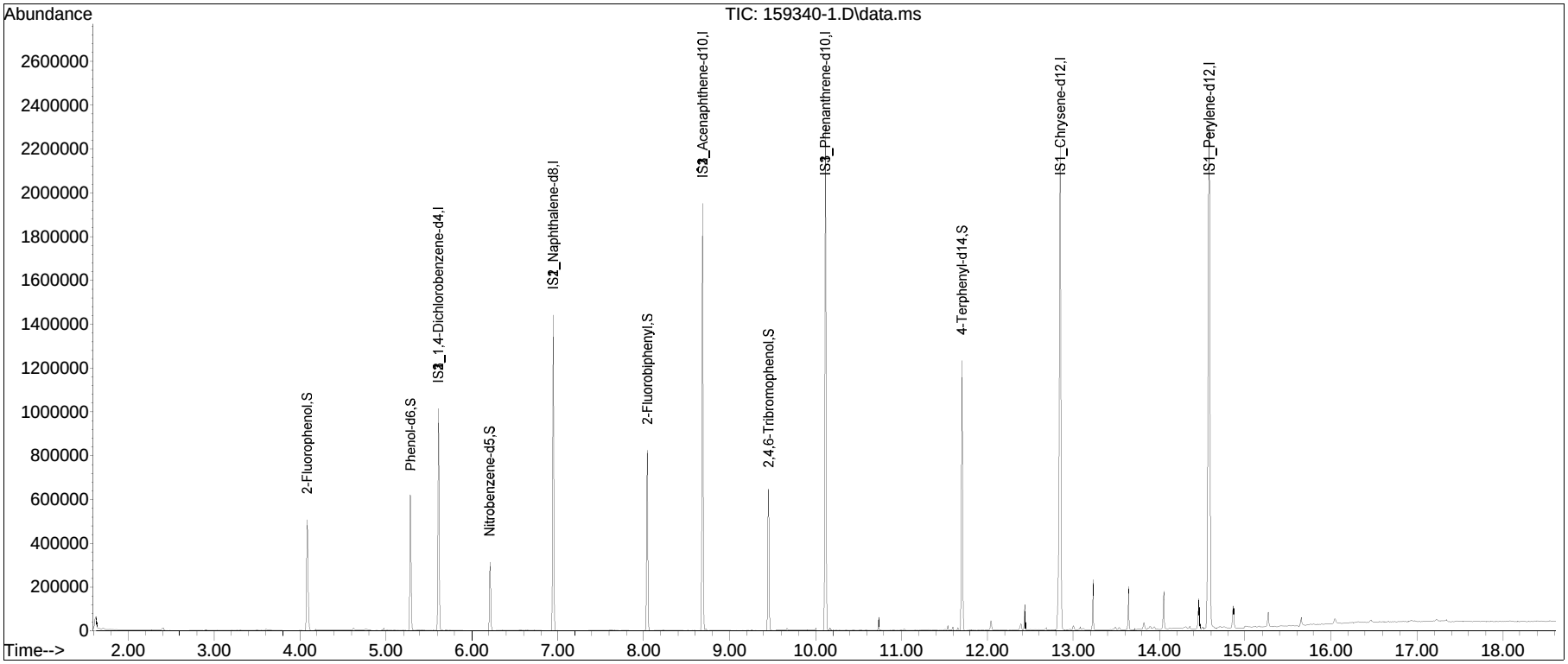
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\251229\
Data File : 159340-1.D
Acq On : 29 Dec 2025 11:34 am
Operator : GCMS5:cmm
Sample : WG2159340-1,32,,smc
Misc : wg2159627,WG2159340,ical22516
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 30 05:53:37 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 29 14:24:00 2025
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MA\AP91229.D•



Manual Integration Report

Data Path	: I:\8270\GCMS5\251229\	QMethod	: FS250731GCMS5.m
Data File	: 159340-1.D	Operator	: GCMS5:cmm
Date Inj'd	: 12/29/2025 11:34 am	Instrument	: GCMS5
Sample	: WG2159340-1,32,,smc	Quant Date	: 12/29/2025 2:26 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\GCMS5\251229\
Data File : 159340-1.D
Acq On : 29 Dec 2025 11:34 am
Operator : GCMS5:cmm
Sample : WG2159340-1,32,,smc
Misc : wg2159627,WG2159340,ical22516
ALS Vial : 4 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.001 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 159340-1.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.084	421	426	434	rBV	505695	575675	19.13%	3.446%
2	5.283	627	630	640	rVB	618050	620715	20.63%	3.715%
3	5.612	682	686	690	rBV	1013093	901015	29.94%	5.393%
4	6.211	785	788	795	rVB	312078	279446	9.29%	1.673%
5	6.946	909	913	917	rBV	1439608	1199163	39.85%	7.177%
6	8.044	1096	1100	1103	rBV	823713	682715	22.69%	4.086%
7	8.685	1205	1209	1212	rBV	1951156	1672282	55.58%	10.009%
8	9.449	1336	1339	1343	rBV	647516	618044	20.54%	3.699%
9	10.118	1449	1453	1457	rBV	2294167	1980852	65.83%	11.856%
10	10.735	1554	1558	1565	rVB	57573	57474	1.91%	0.344%
11	11.705	1719	1723	1727	rBV	1231878	1078839	35.85%	6.457%
12	12.040	1773	1780	1785	rVB	42519	44472	1.48%	0.266%
13	12.386	1834	1839	1842	rBV2	27167	34638	1.15%	0.207%
14	12.433	1843	1847	1854	rVB	114175	116236	3.86%	0.696%
15	12.851	1908	1918	1922	rBV	2229111	2653972	88.20%	15.885%
16	13.232	1978	1983	1988	rBV	225781	235356	7.82%	1.409%
17	13.638	2045	2052	2060	rBV	197262	227368	7.56%	1.361%
18	13.826	2080	2084	2089	rVB	31587	35714	1.19%	0.214%
19	14.049	2115	2122	2127	rBV	173141	206871	6.88%	1.238%
20	14.455	2185	2191	2197	rBV	137633	177477	5.90%	1.062%
21	14.578	2206	2212	2221	rBV	2297870	3008971	100.00%	18.010%
22	14.860	2256	2260	2267	rBV	98297	122077	4.06%	0.731%
23	15.265	2324	2329	2335	rVB	64256	88477	2.94%	0.530%
24	15.659	2391	2396	2403	rBV	38452	57457	1.91%	0.344%
25	16.047	2458	2462	2469	rBV4	21316	32192	1.07%	0.193%

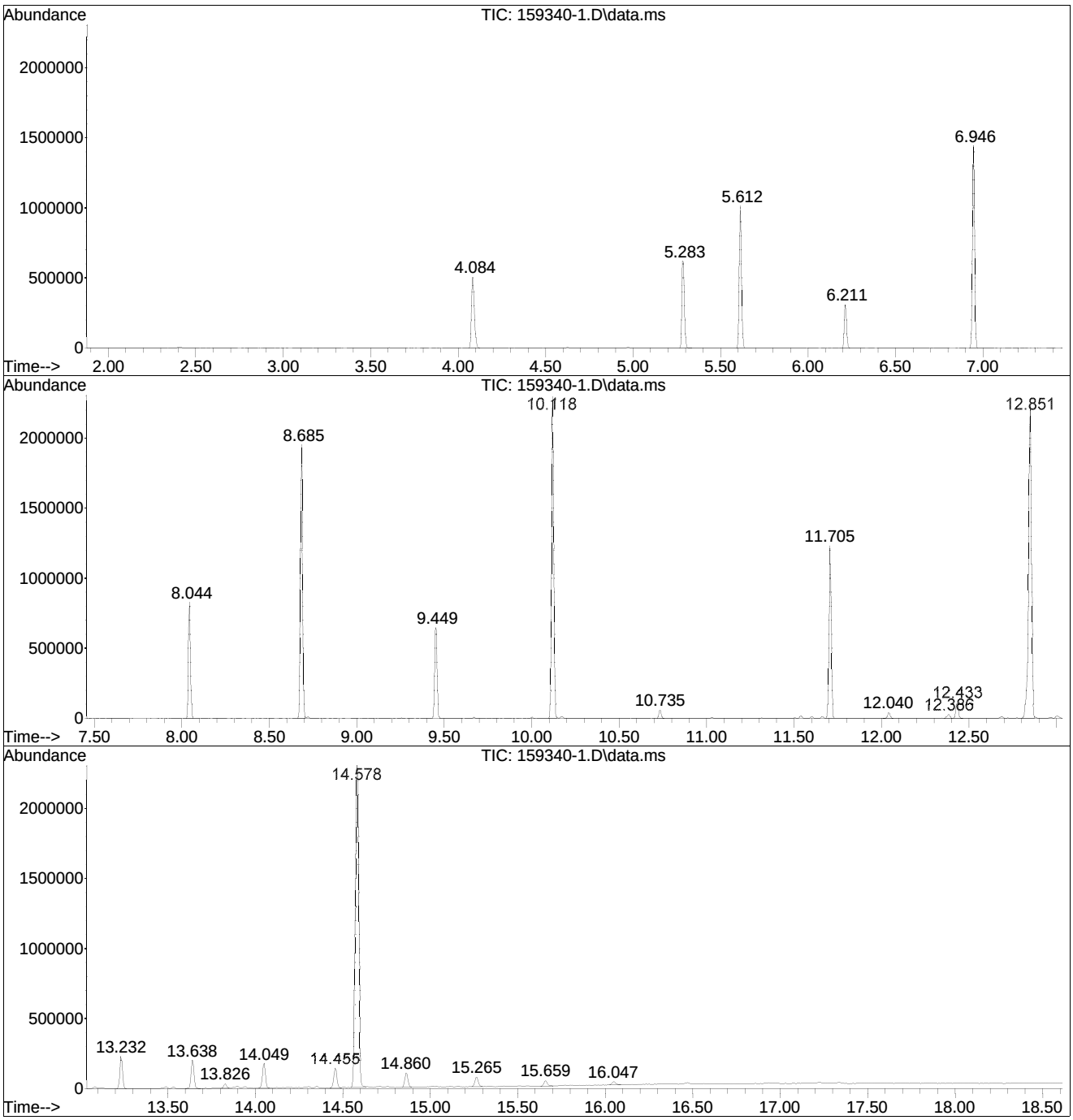
Sum of corrected areas: 16707498

LSC Report - Integrated Chromatogram

Data Path : I:\8270\GCMS5\251229\
Data File : 159340-1.D
Acq On : 29 Dec 2025 11:34 am
Operator : GCMS5:cmm
Sample : WG2159340-1,32,,smc
Misc : wg2159627,WG2159340,ical22516
ALS Vial : 4 Sample Multiplier: 1

Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : I:\8270\GCMS5\251229\
Data File : 159340-1.D
Acq On : 29 Dec 2025 11:34 am
Operator : GCMS5:cmm
Sample : WG2159340-1,32,,smc
Misc : wg2159627,WG2159340,ical22516
ALS Vial : 4 Sample Multiplier: 1

Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\GCMS5\251229\
Data File : 159340-1.D
Acq On : 29 Dec 2025 11:34 am
Operator : GCMS5:cmm
Sample : WG2159340-1,32,,smc
Misc : wg2159627,WG2159340,ical22516
ALS Vial : 4 Sample Multiplier: 1

Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\251227\
Data File : 158852-2.D
Acq On : 27 Dec 2025 10:38 am
Operator : Juliet:smz
Sample : WG2158852-2,32,,gmr
Misc : WG2159109,WG2158852,ical22379
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 29 08:38:37 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:55:19 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\251227\ABN1227.D
: 2 - I:\8270\Juliet\251227\ADP1227.D
: 3 - I:\8270\Juliet\251227\AP91227.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.340	152	89426	40.000	ug/ml		0.00
Standard Area 1 = 91175			Recovery = 98.08%				
27) IS2_1,4-Dichlorobenzen...	3.340	152	89426	40.000	ug/ml		0.00
Standard Area 3 = 85671			Recovery = 104.38%				
32) IS3_1,4-Dichlorobenzen...	3.340	152	89426	40.000	ug/ml		0.00
Standard Area 2 = 71110			Recovery = 125.76%				
35) IS1_Naphthalene-d8	4.428	136	340564	40.000	ug/ml		0.00
Standard Area 1 = 376049			Recovery = 90.56%				
55) IS2_Naphthalene-d8	4.428	136	340564	40.000	ug/ml		0.00
Standard Area 3 = 348231			Recovery = 97.80%				
63) IS1_Acenaphthene-d10	5.939	164	242701	40.000	ug/ml		0.00
Standard Area 1 = 243935			Recovery = 99.49%				
83) IS2_Acenaphthene-d10	5.939	164	242701	40.000	ug/ml		0.00
Standard Area 3 = 251415			Recovery = 96.53%				
86) IS3_Acenaphthene-d10	5.939	164	242701	40.000	ug/ml		0.00
Standard Area 2 = 198256			Recovery = 122.42%				
88) IS1_Phenanthrene-d10	7.204	188	537319	40.000	ug/ml		0.00
Standard Area 1 = 544648			Recovery = 98.65%				
100) IS3_Phenanthrene-d10	7.204	188	537319	40.000	ug/ml	#	0.00
Standard Area 2 = 465410			Recovery = 115.45%				
104) IS1_Chrysene-d12	9.598	240	558916	40.000	ug/ml		0.00
Standard Area 1 = 609694			Recovery = 91.67%				
113) IS1_Perylene-d12	11.492	264	659983	40.000	ug/ml		0.00
Standard Area 1 = 666562			Recovery = 99.01%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.257	112	86760	39.381	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 78.76%				
7) Phenol-d6	3.081	99	112804	39.901	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 79.80%				
19) Nitrobenzene-d5	3.822	82	48191	19.526	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 78.10%				
46) 2-Fluorobiphenyl	5.387	172	148316	15.762	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 63.05%				
79) 2,4,6-Tribromophenol	6.616	330	48595	31.572	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 63.14%				

Data Path : I:\8270\Juliet\251227\
Data File : 158852-2.D
Acq On : 27 Dec 2025 10:38 am
Operator : Juliet:smz
Sample : WG2158852-2,32,,gmr
Misc : WG2159109,WG2158852,ical22379
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 29 08:38:37 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:55:19 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\251227\ABN1227.D
: 2 - I:\8270\Juliet\251227\ADP1227.D
: 3 - I:\8270\Juliet\251227\AP91227.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	8.604	244	235574	14.463	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 57.85%

Target Compounds						Qvalue
6) 2-Chlorophenol	3.163	128	85300	30.184	ug/ml	99
8) Phenol	3.093	94	88737	28.134	ug/ml#	70
9) Bis(2-chloroethyl)ether	3.140	93	61409	30.147	ug/ml	92
14) Bis(2-chloroisopropyl)...	3.610	45	100508	33.786	ug/ml	96
15) 2-Methylphenol	3.616	108	68527	29.143	ug/ml	97
16) Hexachloroethane	3.763	117	32589	29.475	ug/ml#	70
17) n-Nitrosodi-n-propylamine	3.722	70	51715	29.765	ug/ml	97
18) 3-Methylphenol/4-Methy...	3.751	108	83192	33.214	ug/ml	93
20) Nitrobenzene	3.840	77	74710	30.679	ug/ml	96
21) Isophorone	4.051	82	144558	30.120	ug/ml	99
22) 2-Nitrophenol	4.116	139	46974	33.660	ug/ml	97
23) 2,4-Dimethylphenol	4.198	107	81989	29.235	ug/ml	98
24) Bis(2-chloroethoxy)met...	4.269	93	91946	30.929	ug/ml#	96
25) 2,4-Dichlorophenol	4.334	162	90092	28.292	ug/ml#	94
28) Benzaldehyde	2.963	105	58967	30.607	ug/ml	95
29) Acetophenone	3.698	105	108182	30.616	ug/ml	97
36) Naphthalene	4.445	128	236603	26.135	ug/ml	98
38) 4-Chloroaniline	4.522	65	25011M3	27.228	ug/ml	
39) Hexachlorobutadiene	4.581	225	54872	21.610	ug/ml	100
40) p-Chloro-m-cresol	4.981	107	74463	29.712	ug/ml	93
41) 2-Methylnaphthalene	5.051	142	163347	26.670	ug/ml	97
43) Hexachlorocyclopentadiene	5.198	237	39885	14.509	ug/ml	99
44) 2,4,6-Trichlorophenol	5.316	196	73618	25.276	ug/ml	99
45) 2,4,5-Trichlorophenol	5.351	196	84729	26.801	ug/ml	97
47) 2-Chloronaphthalene	5.463	162	202321	26.914	ug/ml	95
48) 2-Nitroaniline	5.575	138	64719	34.042	ug/ml	96
51) Dimethyl phthalate	5.757	163	239325	25.610	ug/ml	99
52) Acenaphthylene	5.810	152	323852	26.072	ug/ml	99
53) 2,6-Dinitrotoluene	5.798	165	53071	31.119	ug/ml#	78
60) Caprolactam	4.804	55	41190	42.156	ug/ml	92
61) 1,2,4,5-Tetrachloroben...	5.204	216	114947	23.880	ug/ml	97
62) Biphenyl	5.463	154	246659	27.793	ug/ml	99
64) 3-Nitroaniline	5.928	138	49711	27.136	ug/ml#	97

Data Path : I:\8270\Juliet\251227\
Data File : 158852-2.D
Acq On : 27 Dec 2025 10:38 am
Operator : Juliet:smz
Sample : WG2158852-2,32,,gmr
Misc : WG2159109,WG2158852,ical22379
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 29 08:38:37 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:55:19 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\251227\ABN1227.D
: 2 - I:\8270\Juliet\251227\ADP1227.D
: 3 - I:\8270\Juliet\251227\AP91227.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
65) Acenaphthene	5.963	154	174140	24.347 ug/ml	96
66) 2,4-Dinitrophenol	6.034	184	32232	35.810 ug/ml#	84
67) Dibenzofuran	6.116	168	298026	24.716 ug/ml	85
68) 2,4-Dinitrotoluene	6.145	165	74946	31.409 ug/ml#	68
69) 4-Nitrophenol	6.128	65	39132	34.072 ug/ml	97
71) 2,3,4,6-Tetrachlorophenol	6.245	232	72724	24.743 ug/ml	99
72) Diethyl phthalate	6.369	149	240323	27.052 ug/ml	99
73) Fluorene	6.410	166	234582	24.610 ug/ml	98
74) 4-Chlorophenyl phenyl ...	6.428	204	121264	23.420 ug/ml#	87
75) 4-Nitroaniline	6.451	138	52135	27.114 ug/ml	97
76) 4,6-Dinitro-o-cresol	6.498	198	47796	35.459 ug/ml#	86
77) NDPA/DPA	6.539	169	193252	23.483 ug/ml	96
80) 4-Bromophenyl phenyl e...	6.845	248	74211	22.712 ug/ml#	92
81) Hexachlorobenzene	6.886	284	87698	24.195 ug/ml	96
82) Pentachlorophenol	7.069	266	54930	25.547 ug/ml	97
87) Atrazine	7.028	200	75939	27.023 ug/ml	98
89) Phenanthrene	7.222	178	383028	24.776 ug/ml	98
90) Anthracene	7.263	178	397135	25.291 ug/ml	98
91) Carbazole	7.422	167	383501	25.952 ug/ml	98
92) Di-n-butylphthalate	7.780	149	447077	28.867 ug/ml	97
93) Fluoranthene	8.239	202	514957	24.553 ug/ml#	93
95) Pyrene	8.428	202	539812	24.602 ug/ml	96
97) Butyl benzyl phthalate	9.080	149	218163	31.072 ug/ml	92
105) Benzo(a)anthracene	9.586	228	554677	25.843 ug/ml	99
106) 3,3'-Dichlorobenzidine	9.598	252	165810	20.976 ug/ml	98
107) Chrysene	9.627	228	515680	26.939 ug/ml	98
108) Bis(2-ethylhexyl)phtha...	9.763	149	334751	36.244 ug/ml	99
109) Di-n-octylphthalate	10.627	149	596852	37.022 ug/ml	98
110) Benzo(b)fluoranthene	10.957	252	562512	27.053 ug/ml	98
111) Benzo(k)fluoranthene	10.998	252	570259	28.273 ug/ml#	93
112) Benzo(a)pyrene	11.404	252	545397	27.967 ug/ml	96
114) Indeno(1,2,3-cd)pyrene	13.068	276	556689	26.303 ug/mL	96
115) Dibenzo(a,h)anthracene	13.121	278	512165	25.453 ug/ml	98
116) Benzo(ghi)perylene	13.439	276	515644	25.221 ug/ml	96

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\251227\
Data File : 158852-2.D
Acq On : 27 Dec 2025 10:38 am
Operator : Juliet:smz
Sample : WG2158852-2,32,,gmr
Misc : WG2159109,WG2158852,ical22379
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 29 08:38:37 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:55:19 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\251227\ABN1227.D
: 2 - I:\8270\Juliet\251227\ADP1227.D
: 3 - I:\8270\Juliet\251227\AP91227.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

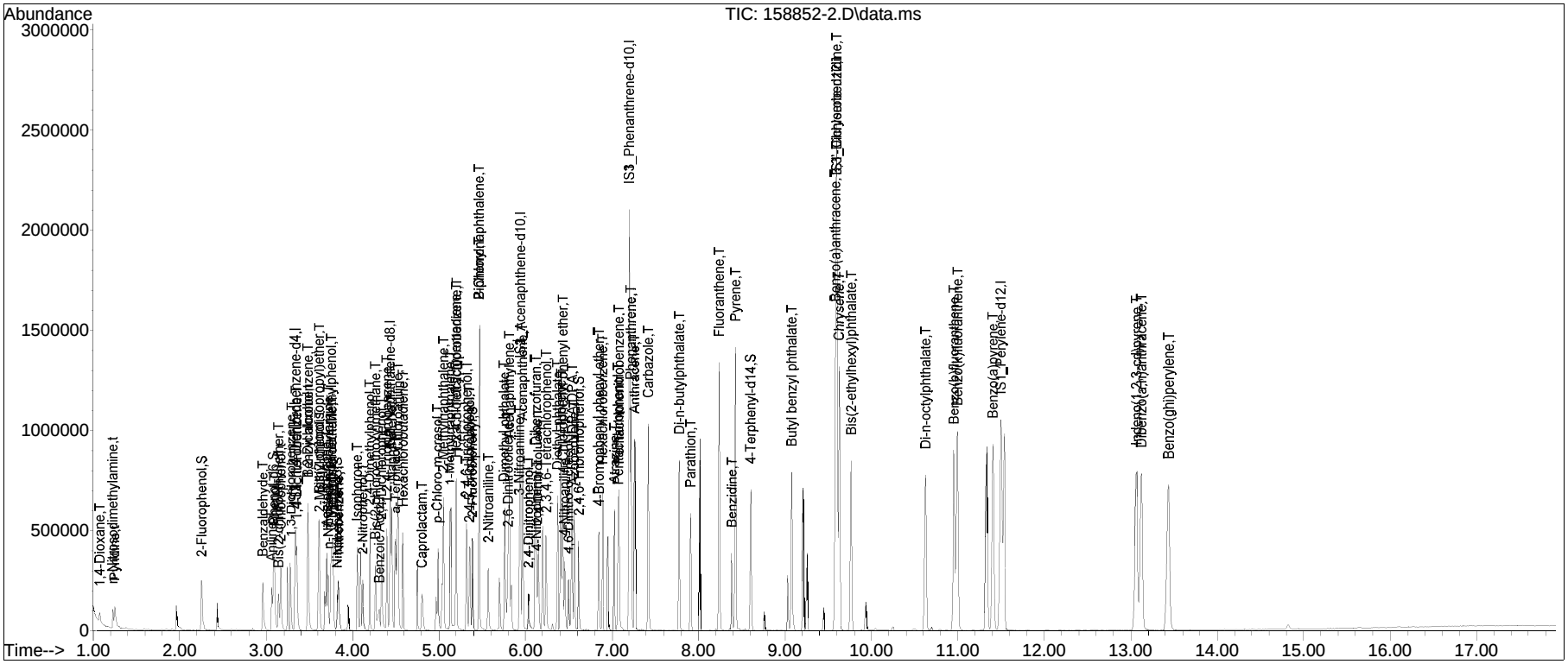
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

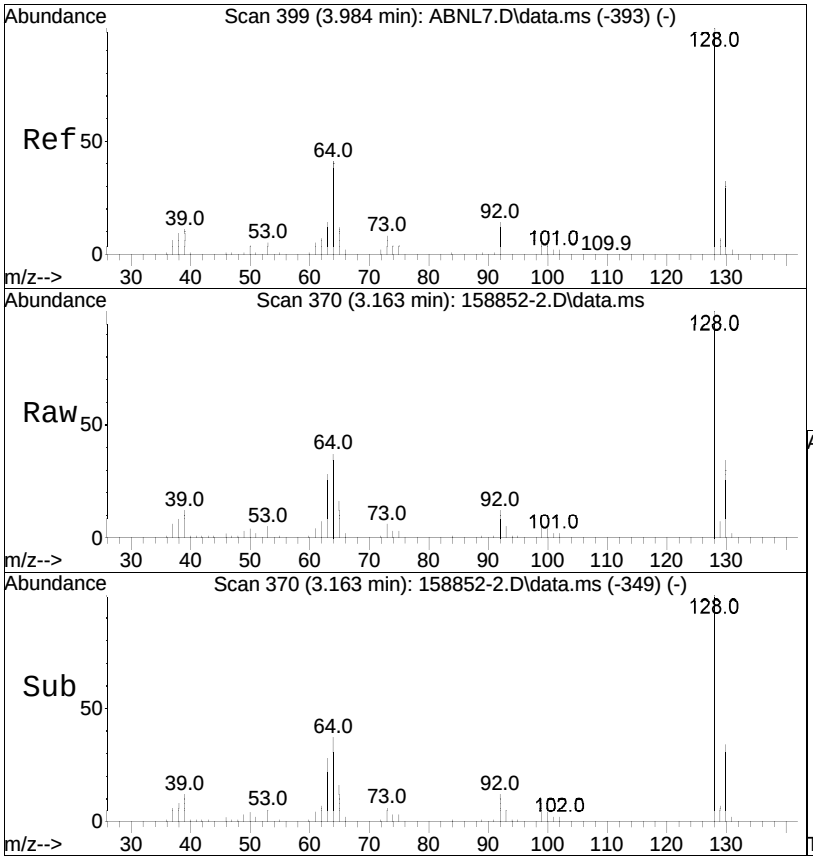
Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\251227\
Data File : 158852-2.D
Acq On : 27 Dec 2025 10:38 am
Operator : Juliet:smz
Sample : WG2158852-2,32,,gmr
Misc : WG2159109,WG2158852,ical22379
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 29 08:38:37 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:55:19 2025
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MA7\AP91227.D•

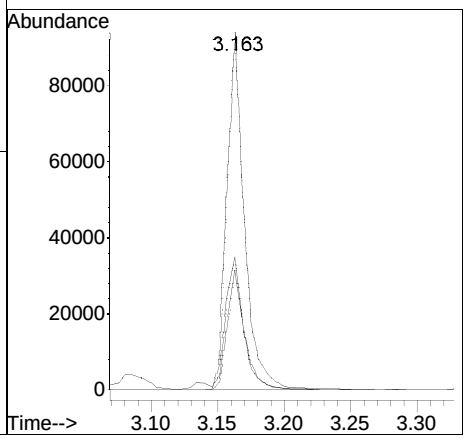


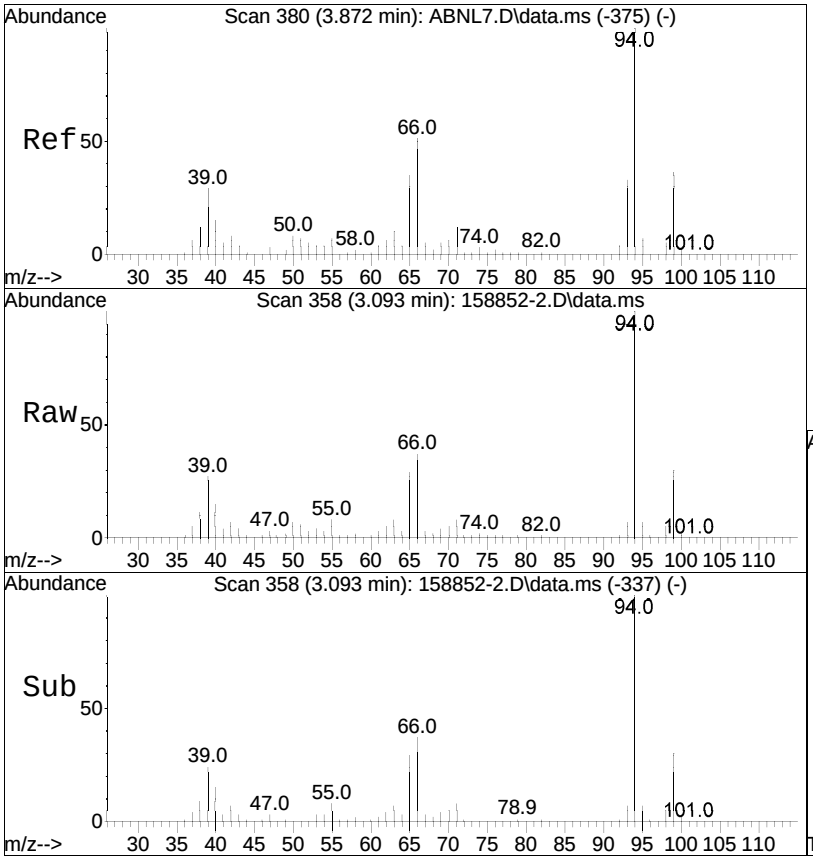


#6
2-Chlorophenol
Concen: 30.18 ug/ml
RT: 3.163 min Scan# 370
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:128 Resp: 85300

Ion	Ratio	Lower	Upper
128	100		
64	40.6	33.4	50.0
130	32.8	26.2	39.2

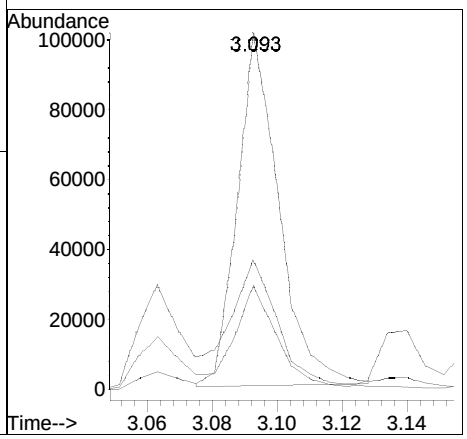


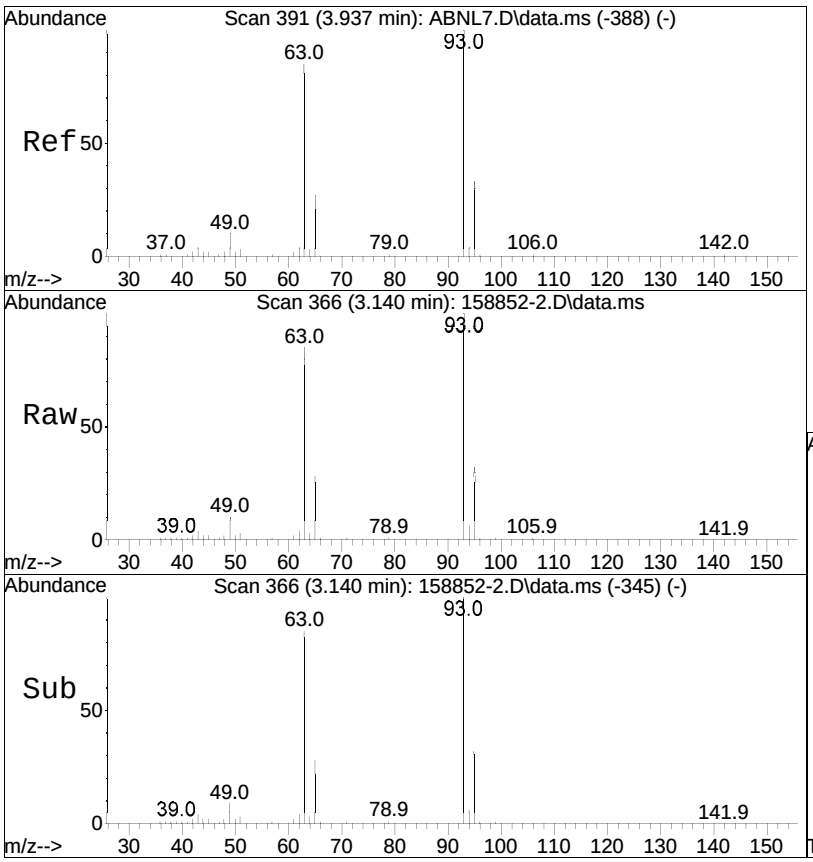


#8
Phenol
Concen: 28.13 ug/ml
RT: 3.093 min Scan# 358
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion: 94 Resp: 88737

Ion	Ratio	Lower	Upper
94	100		
65	30.9	19.4	29.0#
66	45.4	60.4	90.6#

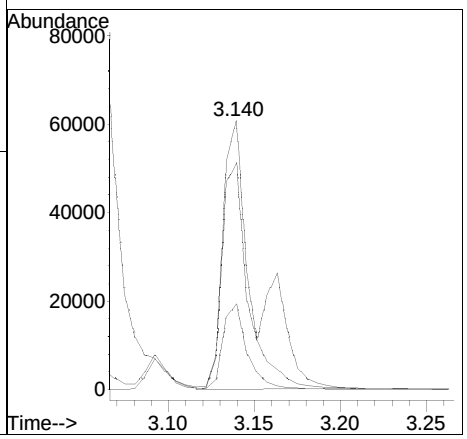


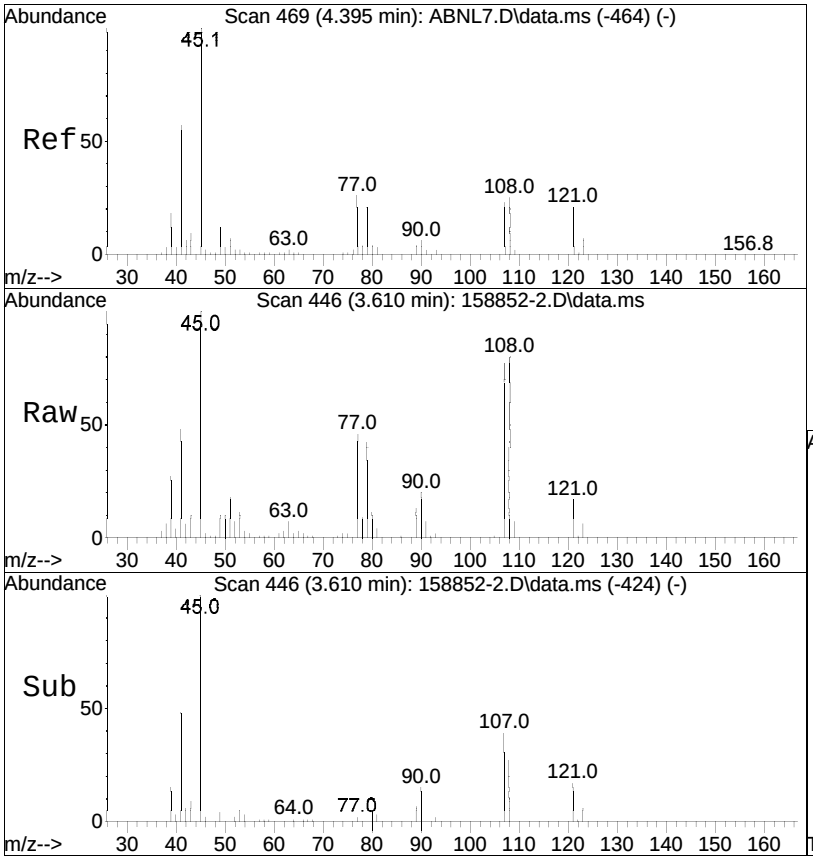


#9
Bis(2-chloroethyl)ether
Concen: 30.15 ug/ml
RT: 3.140 min Scan# 366
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion: 93 Resp: 61409

Ion	Ratio	Lower	Upper
93	100		
63	78.8	70.4	105.6
95	31.6	26.6	39.8

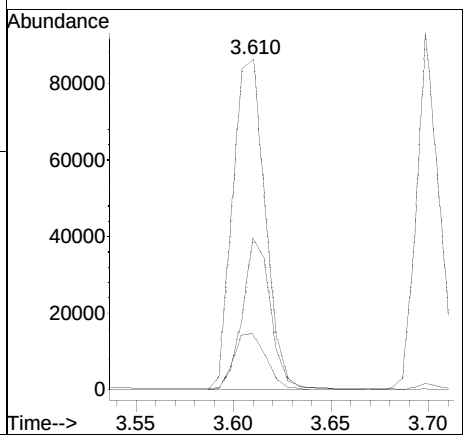


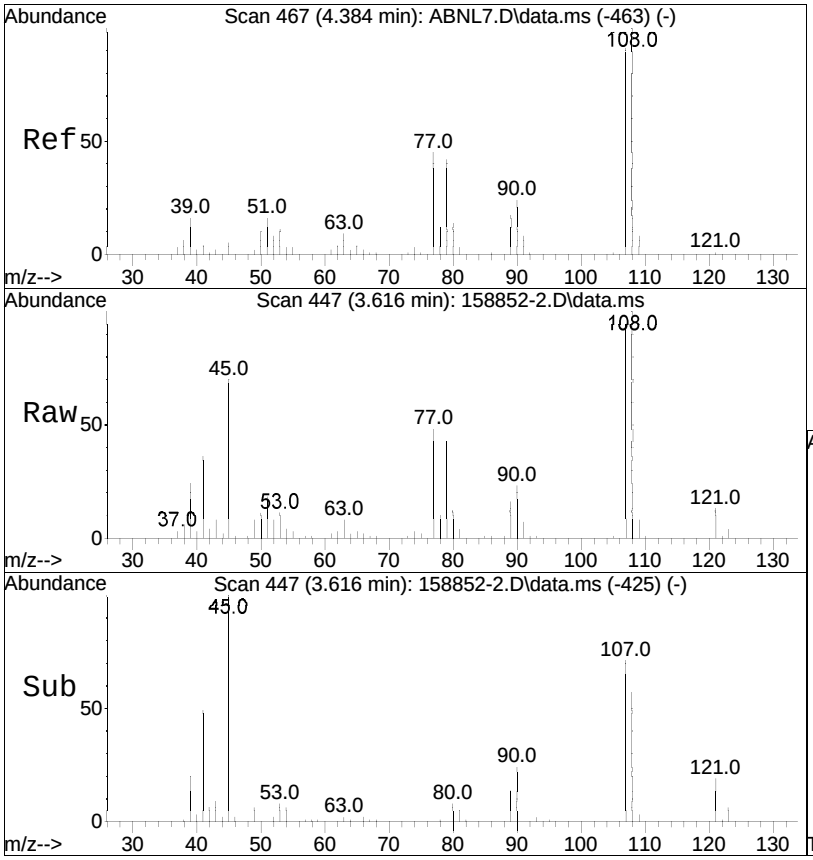


#14
Bis(2-chloroisopropyl)ether
Concen: 33.79 ug/ml
RT: 3.610 min Scan# 446
Delta R.T. 0.006 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion: 45 Resp: 100508

Ion	Ratio	Lower	Upper
45	100		
121	17.1	13.7	20.5
77	38.9	28.2	42.2

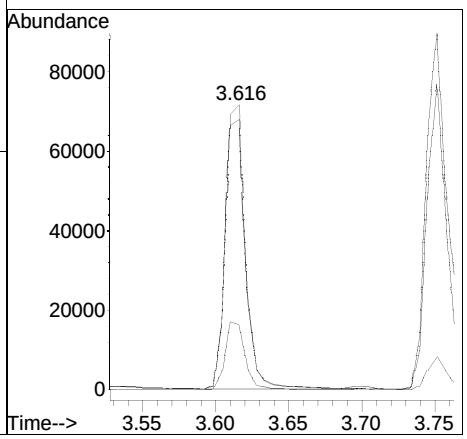


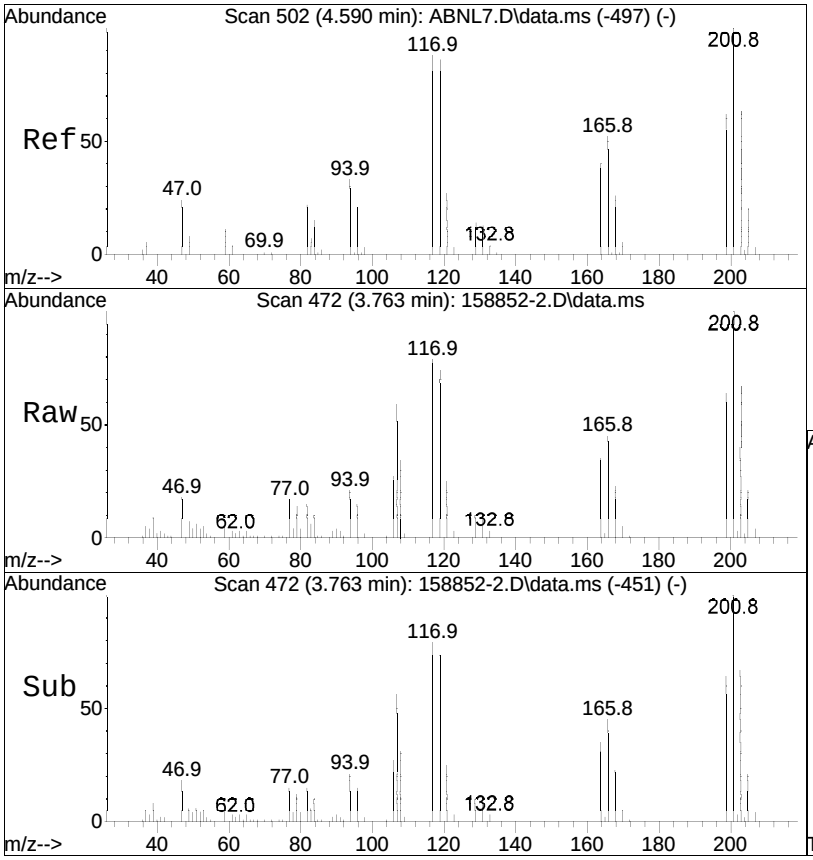


#15
2-Methylphenol
Concen: 29.14 ug/ml
RT: 3.616 min Scan# 447
Delta R.T. 0.006 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:108 Resp: 68527

Ion	Ratio	Lower	Upper
108	100		
107	94.4	72.6	108.8
90	23.7	18.6	27.8

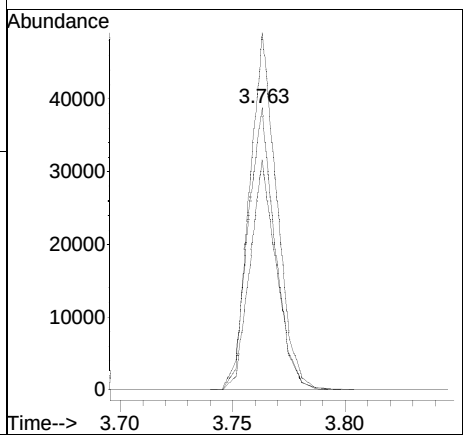


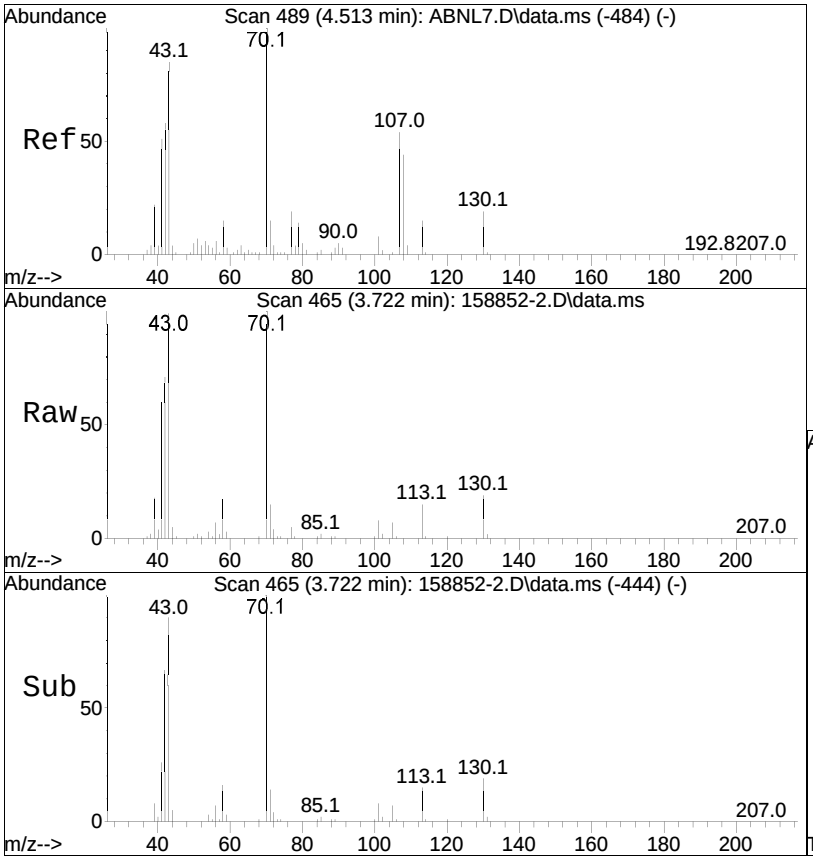


#16
Hexachloroethane
Concen: 29.48 ug/ml
RT: 3.763 min Scan# 472
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:117 Resp: 32589

Ion	Ratio	Lower	Upper
117	100		
201	126.5	75.4	113.0#
199	79.5	48.0	72.0#

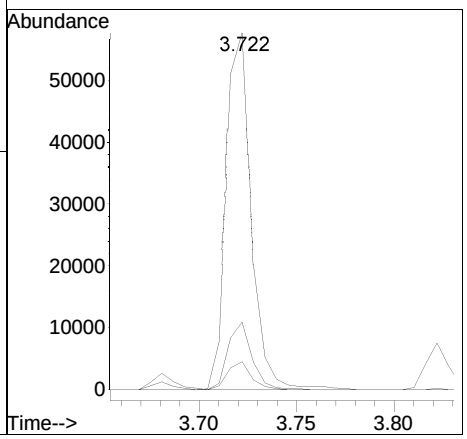


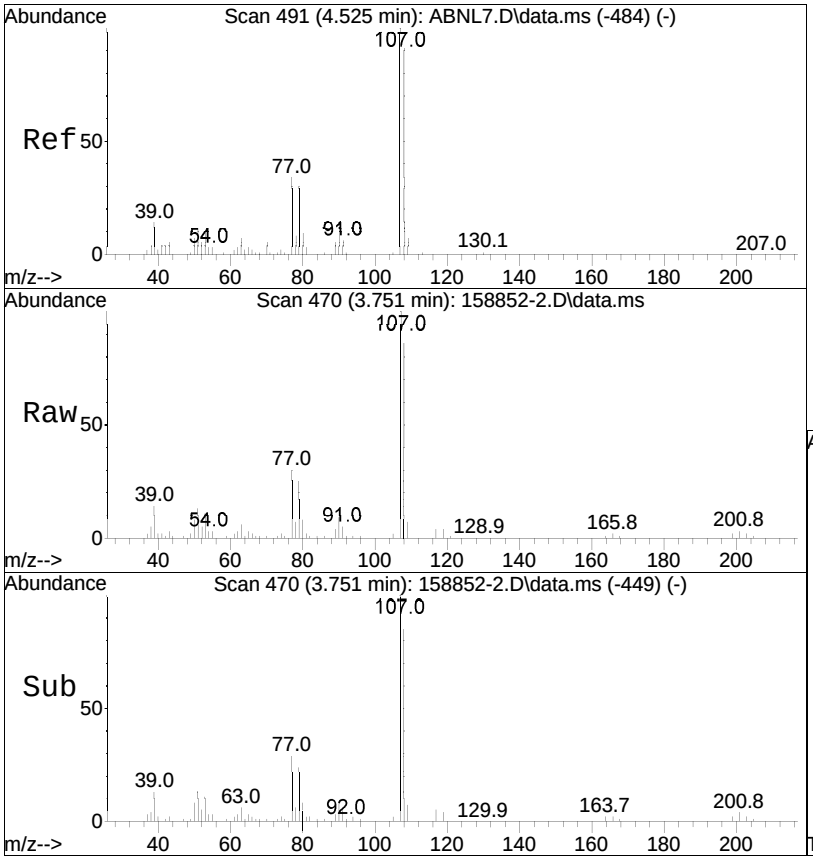


#17
n-Nitrosodi-n-propylamine
Concen: 29.77 ug/ml
RT: 3.722 min Scan# 465
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion: 70 Resp: 51715

Ion	Ratio	Lower	Upper
70	100		
130	18.0	15.7	23.5
101	7.5	6.7	10.1

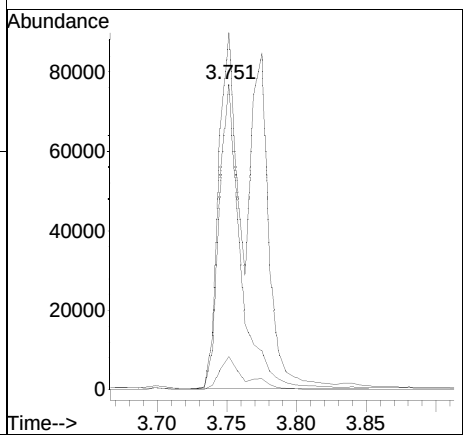


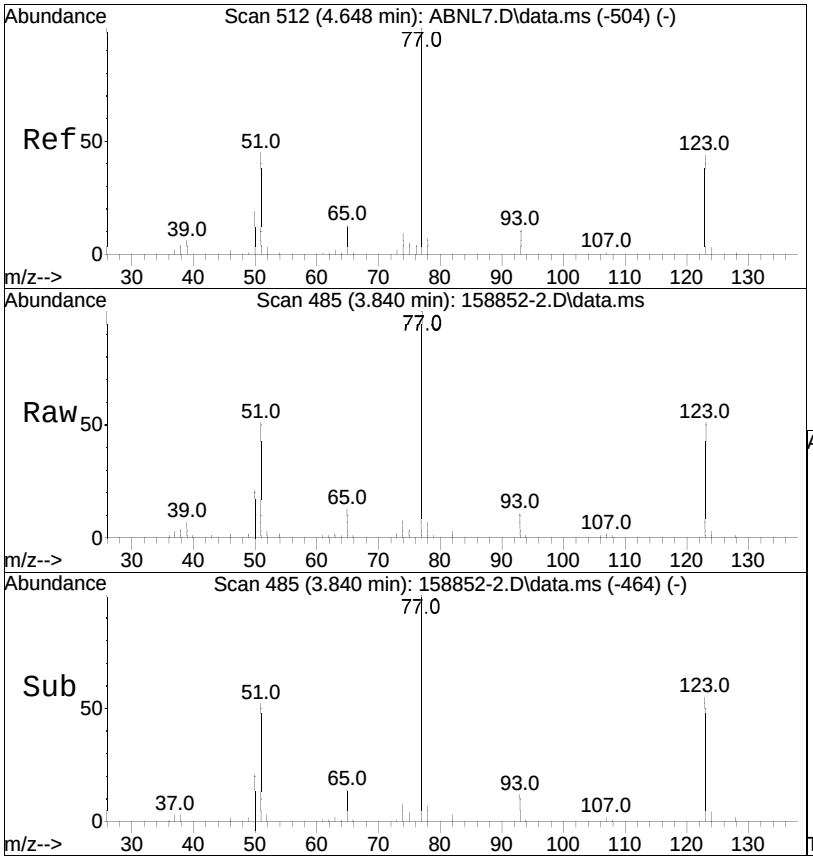


#18
3-Methylphenol/4-Methylphenol
Concen: 33.21 ug/ml
RT: 3.751 min Scan# 470
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:108 Resp: 83192

Ion	Ratio	Lower	Upper
108	100		
107	105.9	90.7	136.1
90	12.0	8.6	13.0

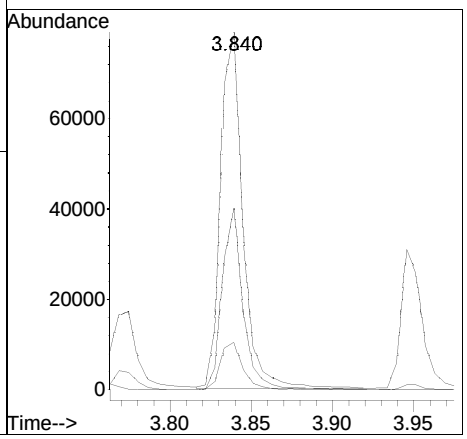


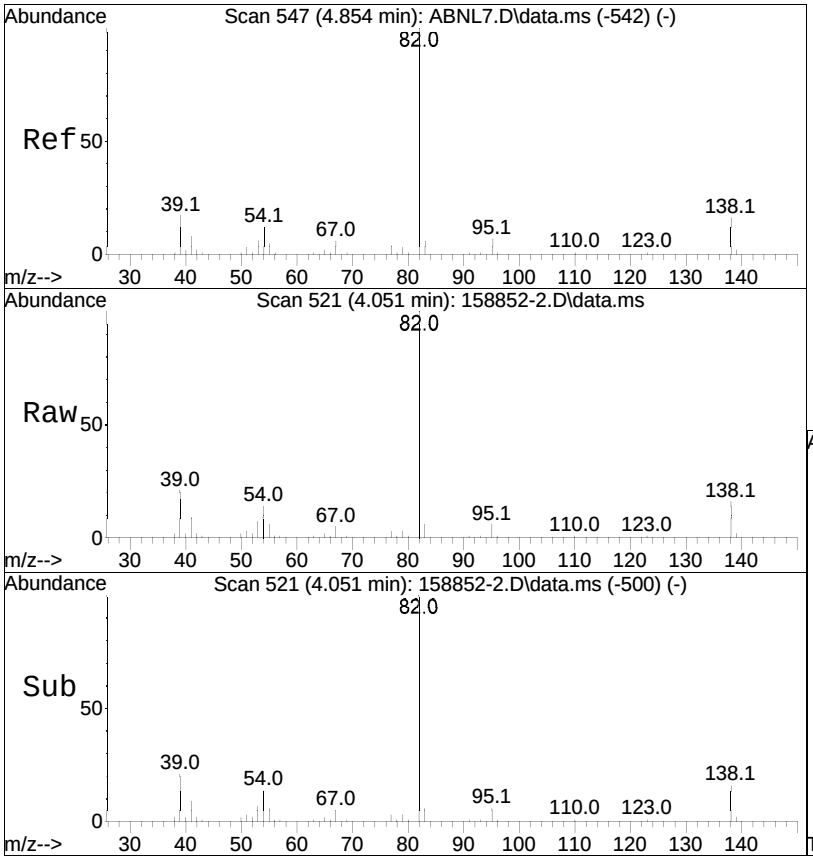


#20
Nitrobenzene
Concen: 30.68 ug/ml
RT: 3.840 min Scan# 485
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion: 77 Resp: 74710

Ion	Ratio	Lower	Upper
77	100		
123	48.5	41.4	62.0
65	13.8	11.0	16.4

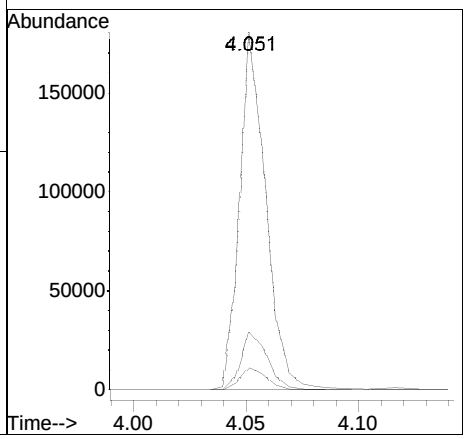


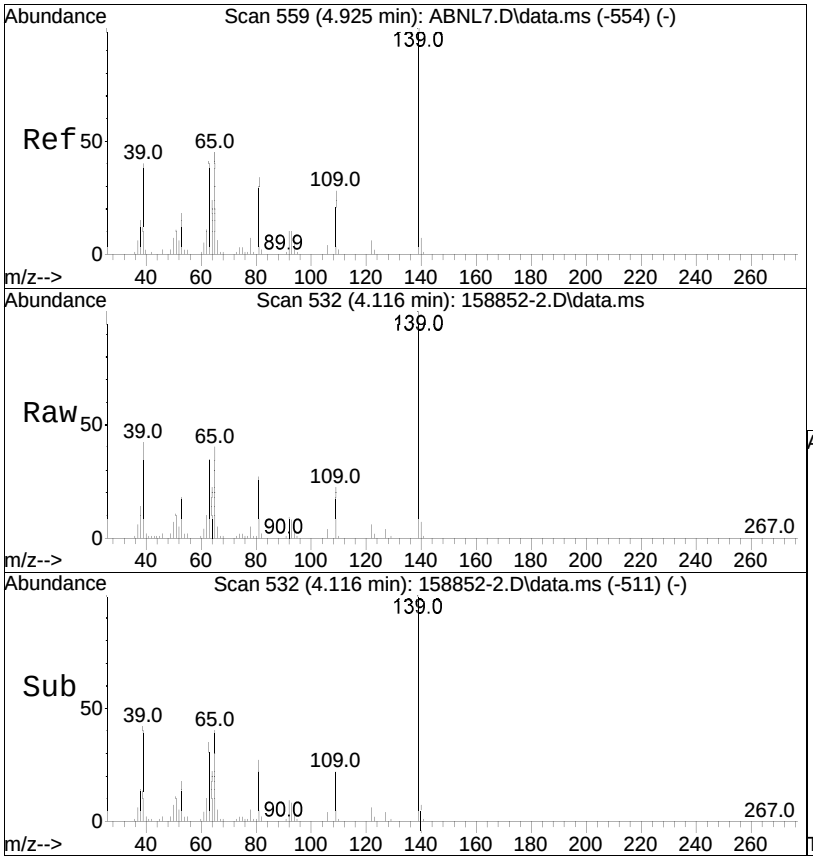


#21
Isophorone
Concen: 30.12 ug/ml
RT: 4.051 min Scan# 521
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion: 82 Resp: 144558

Ion	Ratio	Lower	Upper
82	100		
138	16.6	13.9	20.9
95	6.5	5.3	7.9

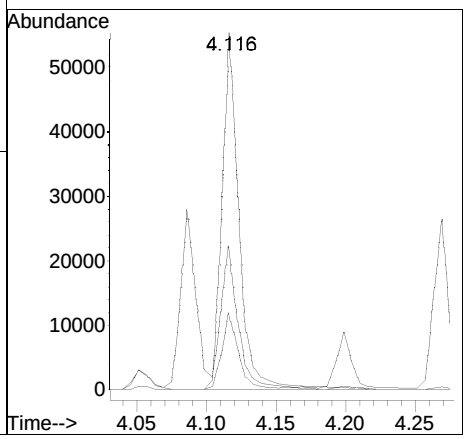


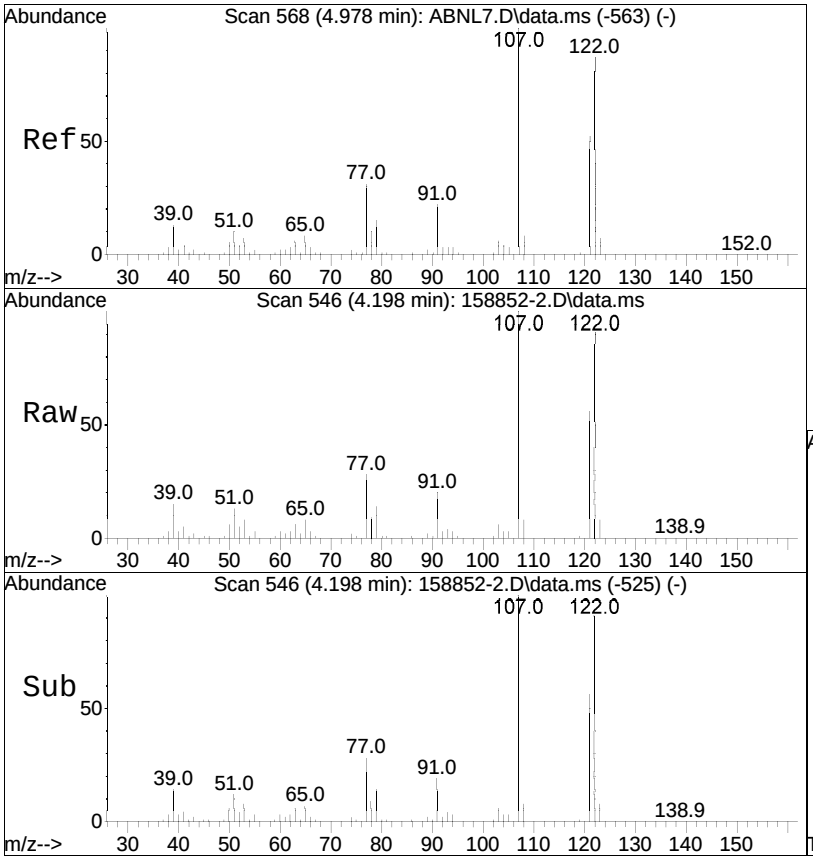


#22
2-Nitrophenol
Concen: 33.66 ug/ml
RT: 4.116 min Scan# 532
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:139 Resp: 46974

Ion	Ratio	Lower	Upper
139	100		
109	21.5	17.5	26.3
65	39.2	33.2	49.8

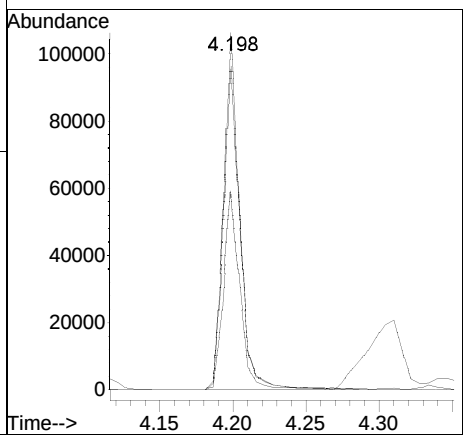


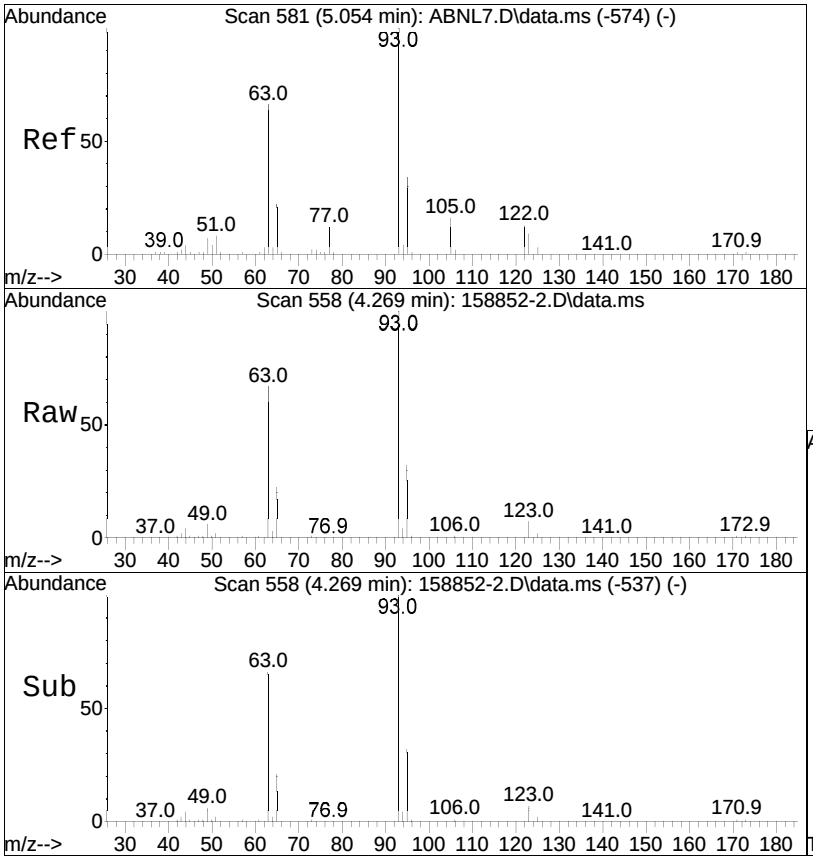


#23
2,4-Dimethylphenol
Concen: 29.24 ug/ml
RT: 4.198 min Scan# 546
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:107 Resp: 81989

Ion	Ratio	Lower	Upper
107	100		
121	56.3	43.4	65.2
122	91.3	73.7	110.5

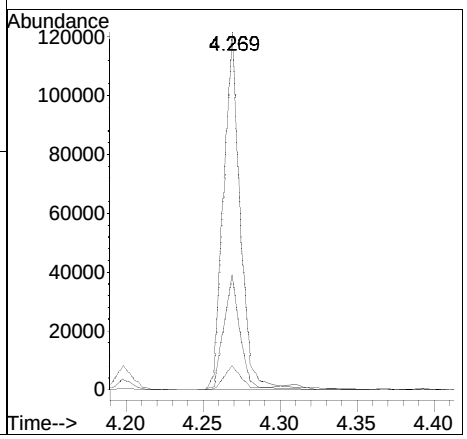


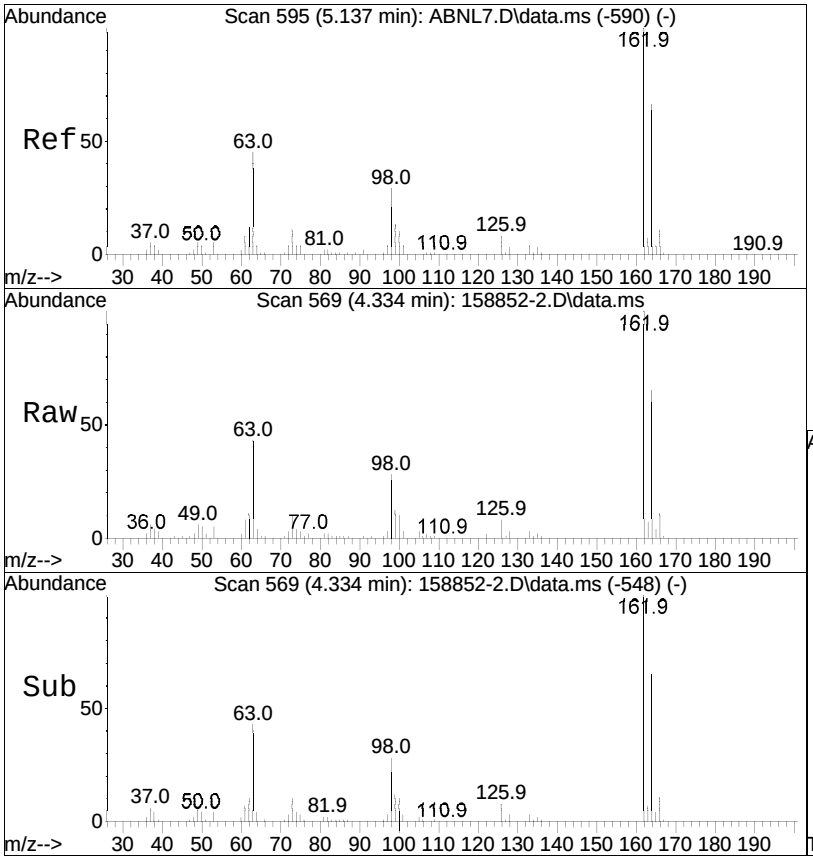


#24
Bis(2-chloroethoxy)methane
Concen: 30.93 ug/ml
RT: 4.269 min Scan# 558
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion: 93 Resp: 91946

Ion	Ratio	Lower	Upper
93	100		
95	31.9	27.2	40.8
123	7.2	7.6	11.4#

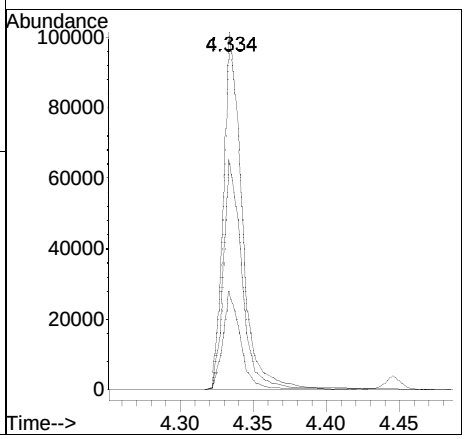


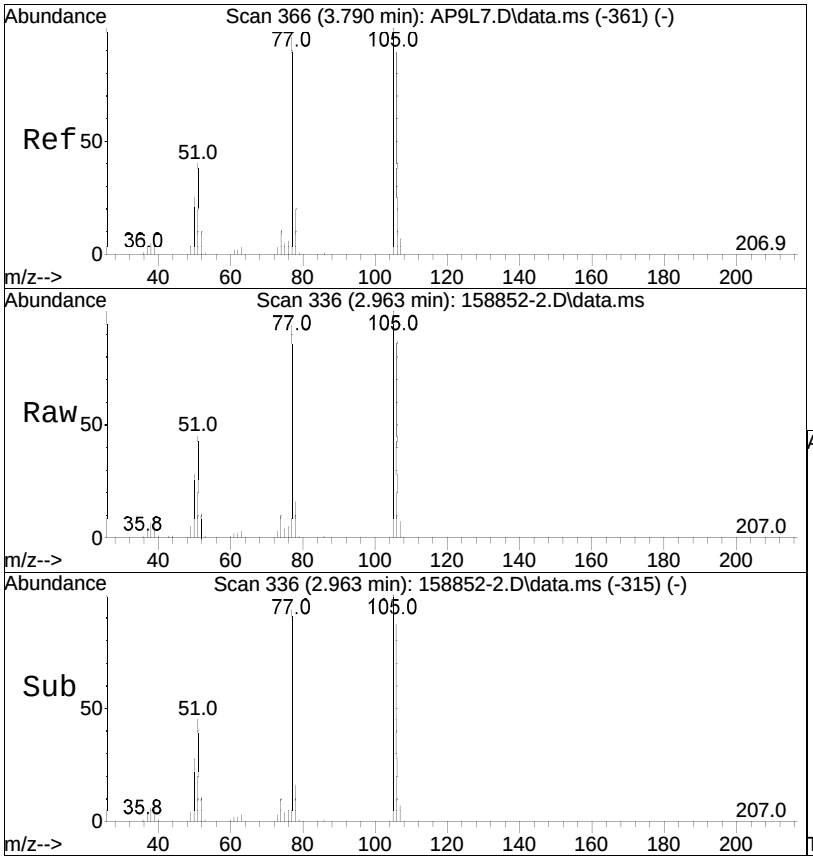


#25
2,4-Dichlorophenol
Concen: 28.29 ug/ml
RT: 4.334 min Scan# 569
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:162 Resp: 90092

Ion	Ratio	Lower	Upper
162	100		
164	63.5	51.5	77.3
98	26.3	27.5	41.3#

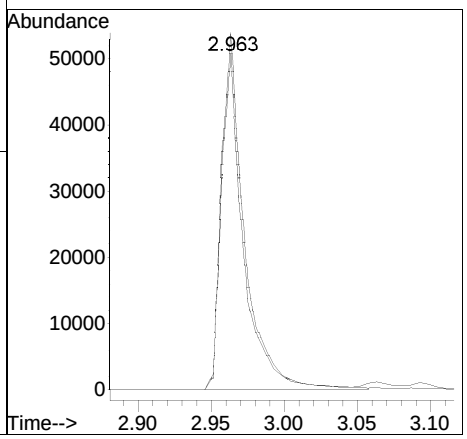


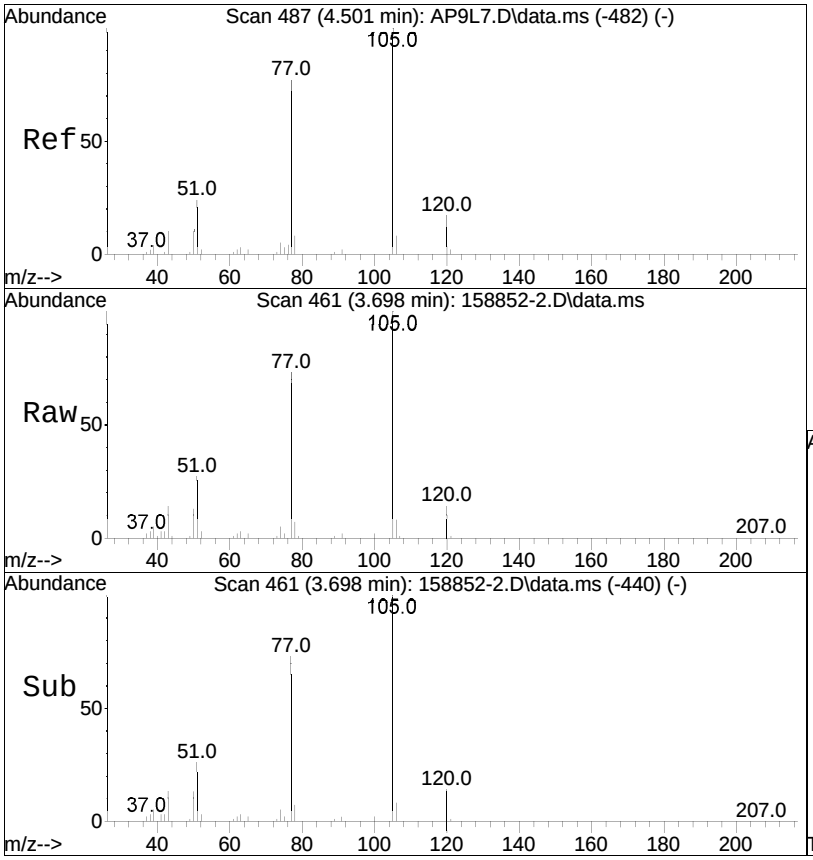


#28
Benzaldehyde
Concen: 30.61 ug/ml
RT: 2.963 min Scan# 336
Delta R.T. -0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:105 Resp: 58967

Ion	Ratio	Lower	Upper
105	100		
77	90.9	76.4	114.6

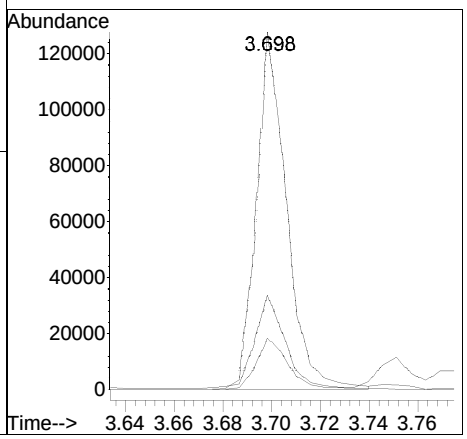


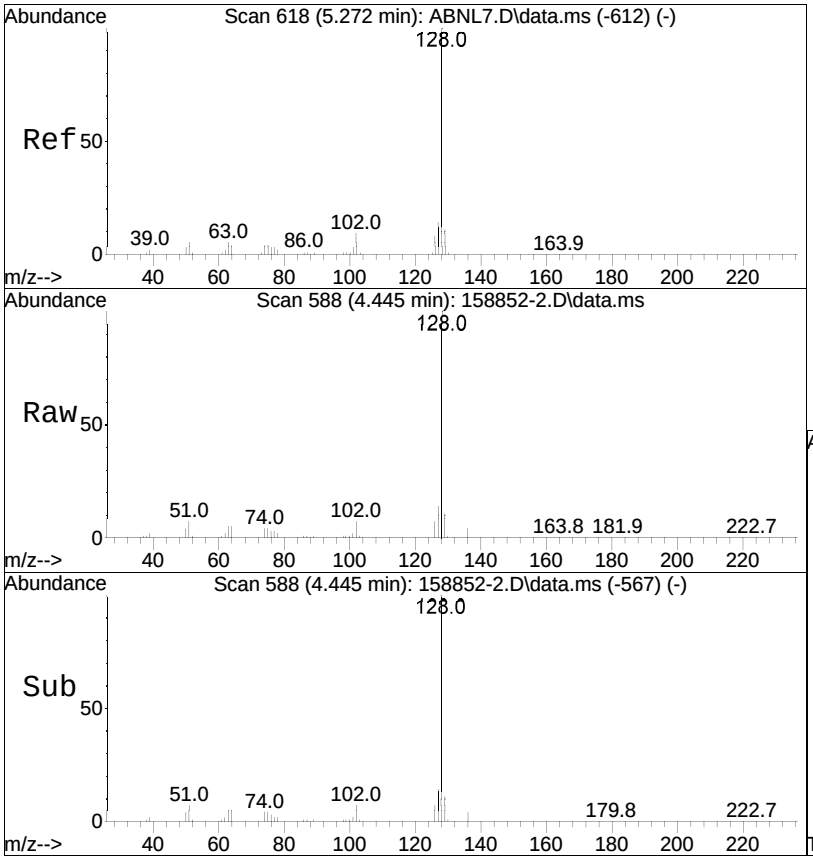


#29
Acetophenone
Concen: 30.62 ug/ml
RT: 3.698 min Scan# 461
Delta R.T. -0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:105 Resp: 108182

Ion	Ratio	Lower	Upper
105	100		
120	15.4	14.5	21.7
51	27.1	22.2	33.4

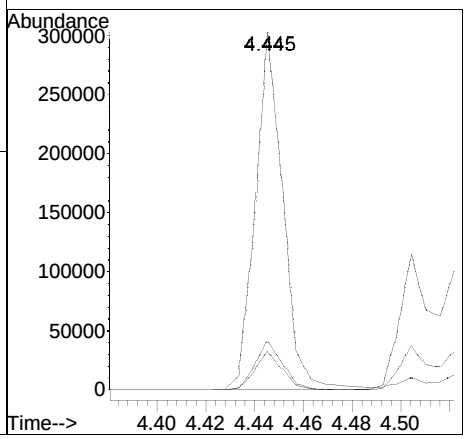


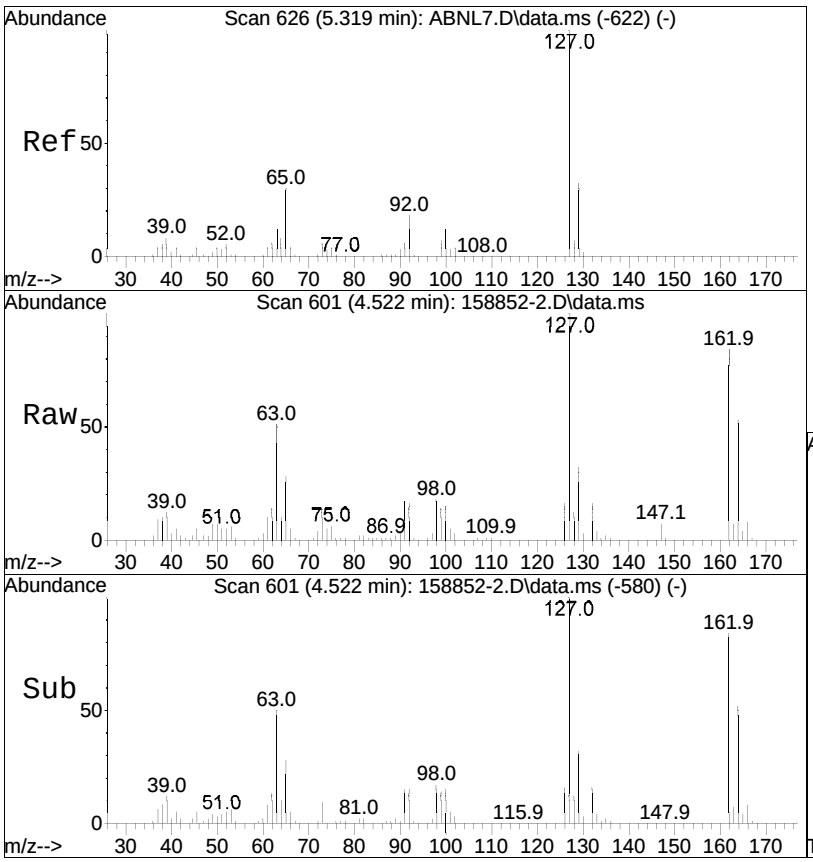


#36
Naphthalene
Concen: 26.14 ug/ml
RT: 4.445 min Scan# 588
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:128 Resp: 236603

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.4	14.2
127	13.8	11.6	17.4

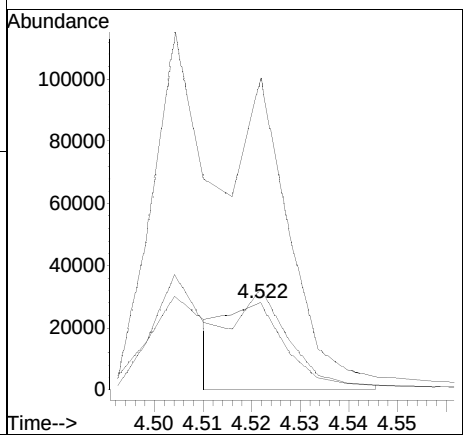


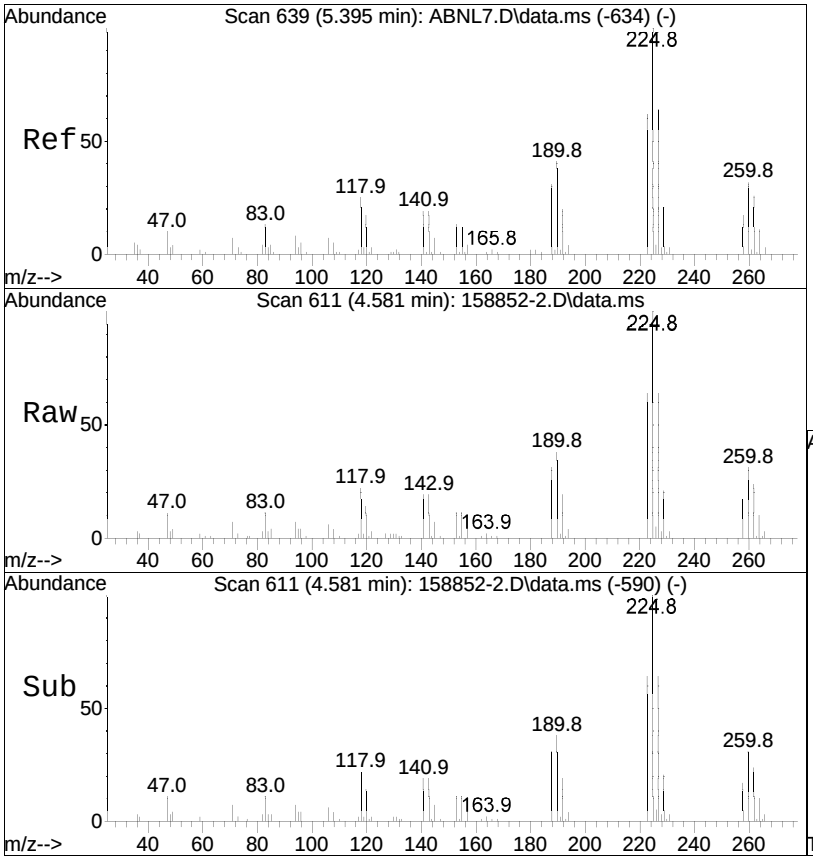


#38
4-Chloroaniline
Concen: 27.23 ug/ml M3
RT: 4.522 min Scan# 601
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion: 65 Resp: 25011

Ion	Ratio	Lower	Upper
65	100		
127	681.1	303.0	454.6#
129	215.5	99.3	148.9#

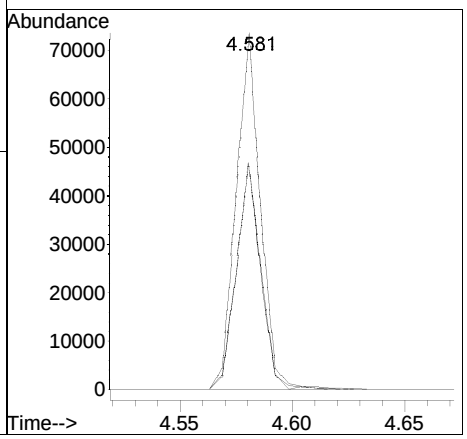


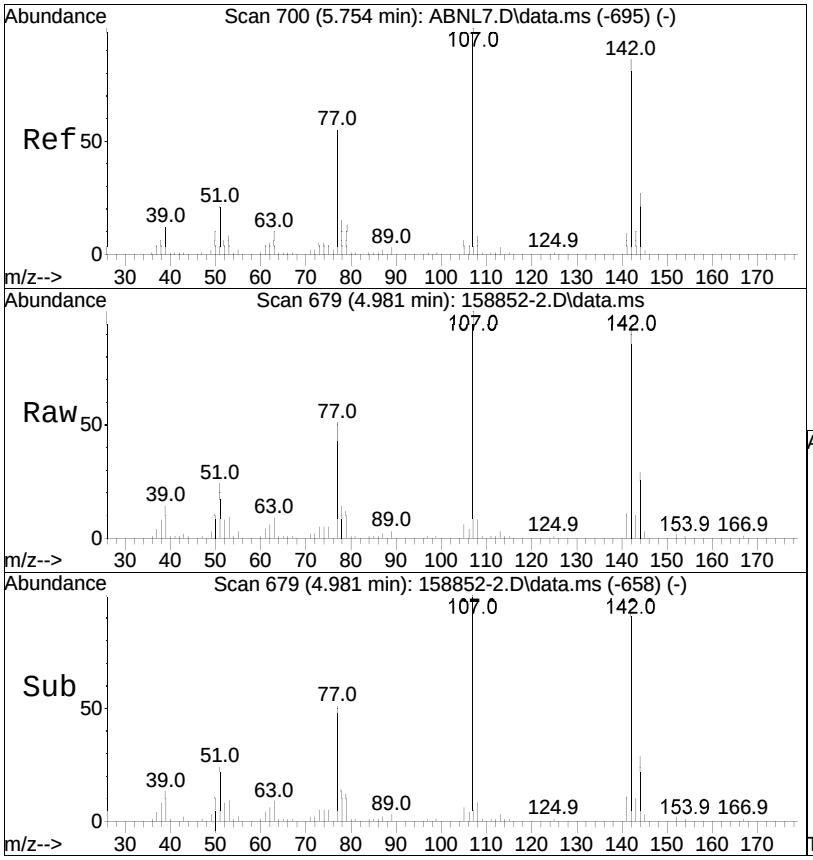


#39
Hexachlorobutadiene
Concen: 21.61 ug/ml
RT: 4.581 min Scan# 611
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:225 Resp: 54872

Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.9	76.3
227	63.8	50.6	75.8

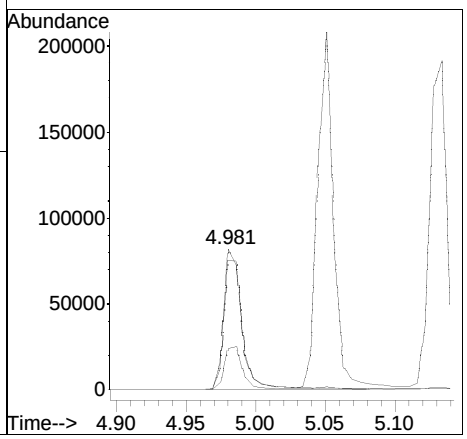


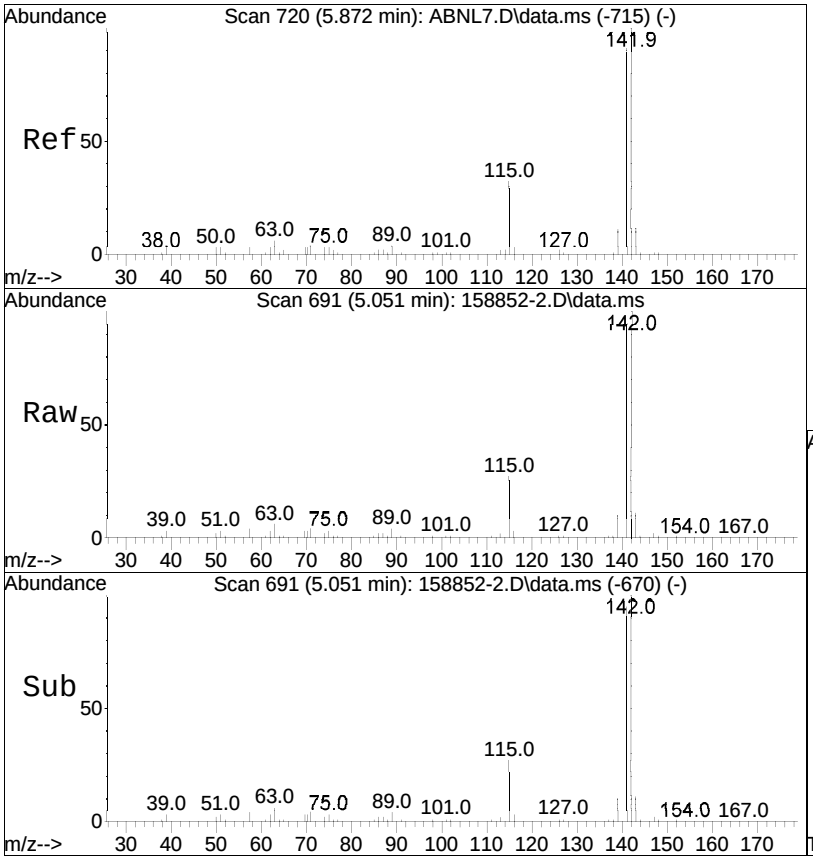


#40
p-Chloro-m-cresol
Concen: 29.71 ug/ml
RT: 4.981 min Scan# 679
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:107 Resp: 74463

Ion	Ratio	Lower	Upper
107	100		
144	30.7	22.6	33.8
142	94.6	69.7	104.5

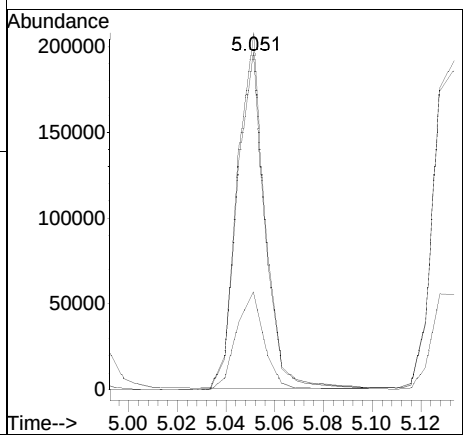


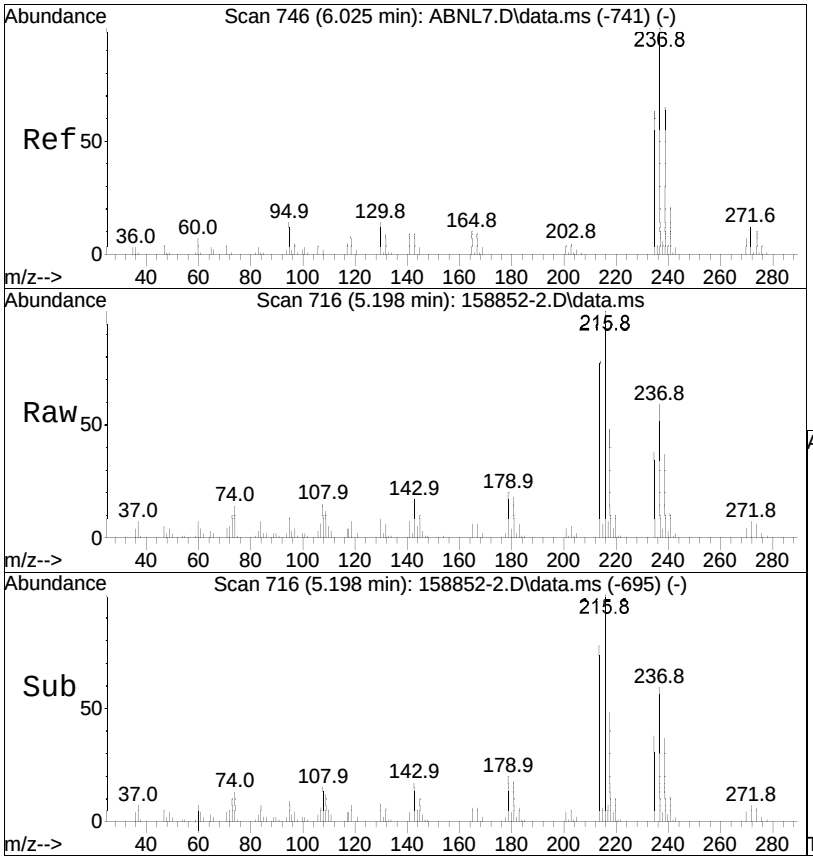


#41
2-Methylnaphthalene
Concen: 26.67 ug/ml
RT: 5.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:142 Resp: 163347

Ion	Ratio	Lower	Upper
142	100		
141	96.9	75.7	113.5
115	28.9	24.4	36.6

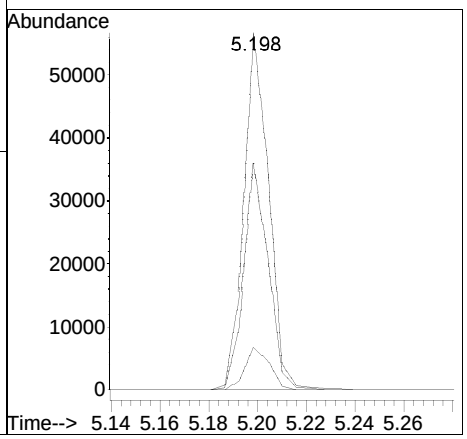


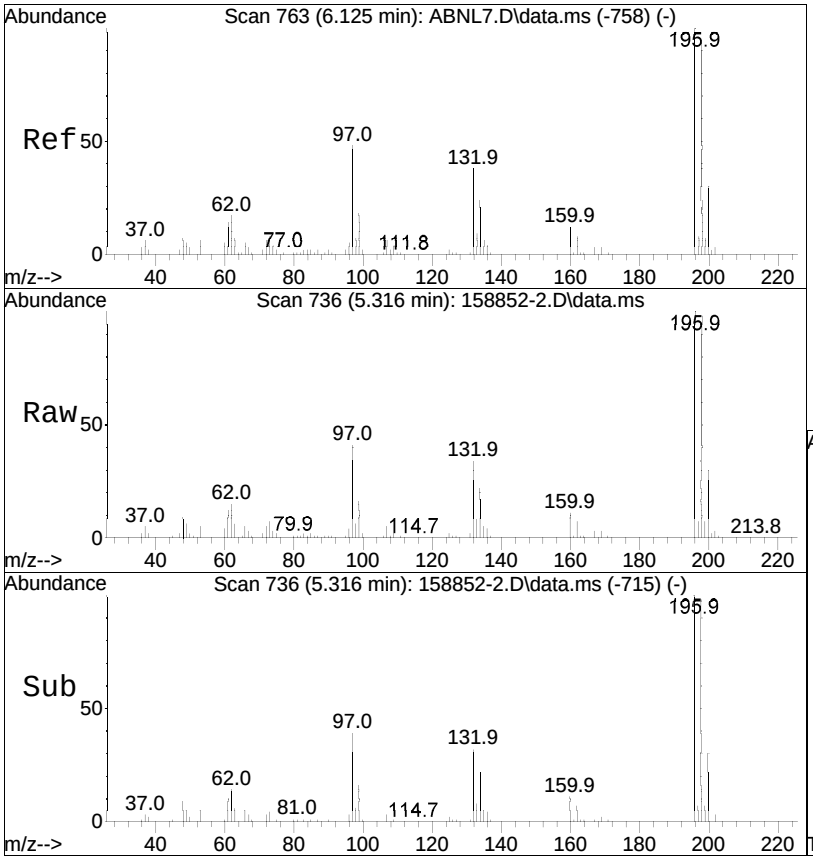


#43
Hexachlorocyclopentadiene
Concen: 14.51 ug/ml
RT: 5.198 min Scan# 716
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:237 Resp: 39885

Ion	Ratio	Lower	Upper
237	100		
235	62.6	50.8	76.2
272	11.9	10.4	15.6

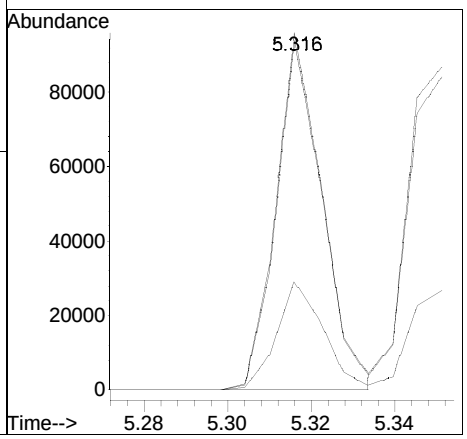


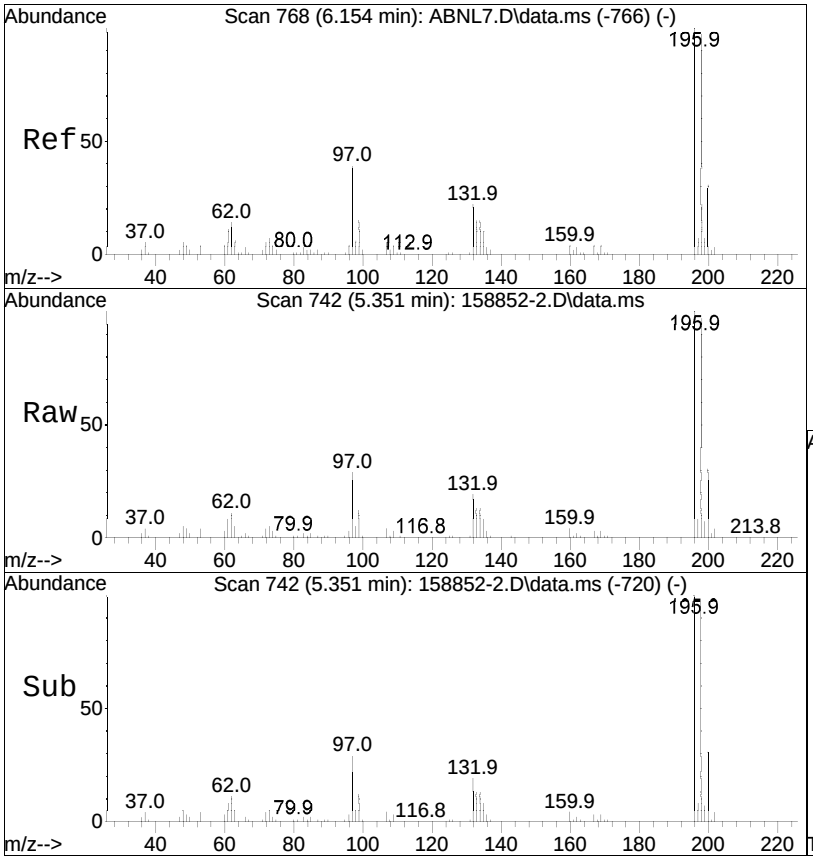


#44
2,4,6-Trichlorophenol
Concen: 25.28 ug/ml
RT: 5.316 min Scan# 736
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:196 Resp: 73618

Ion	Ratio	Lower	Upper
196	100		
198	97.0	76.8	115.2
200	30.8	25.0	37.4

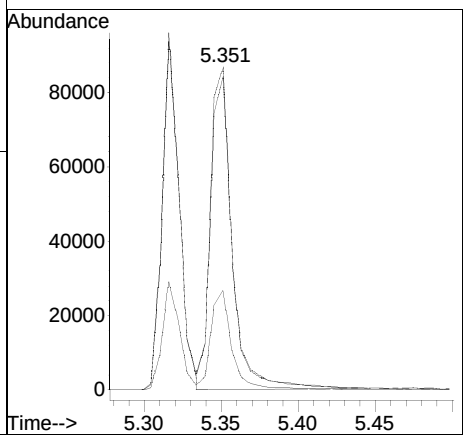


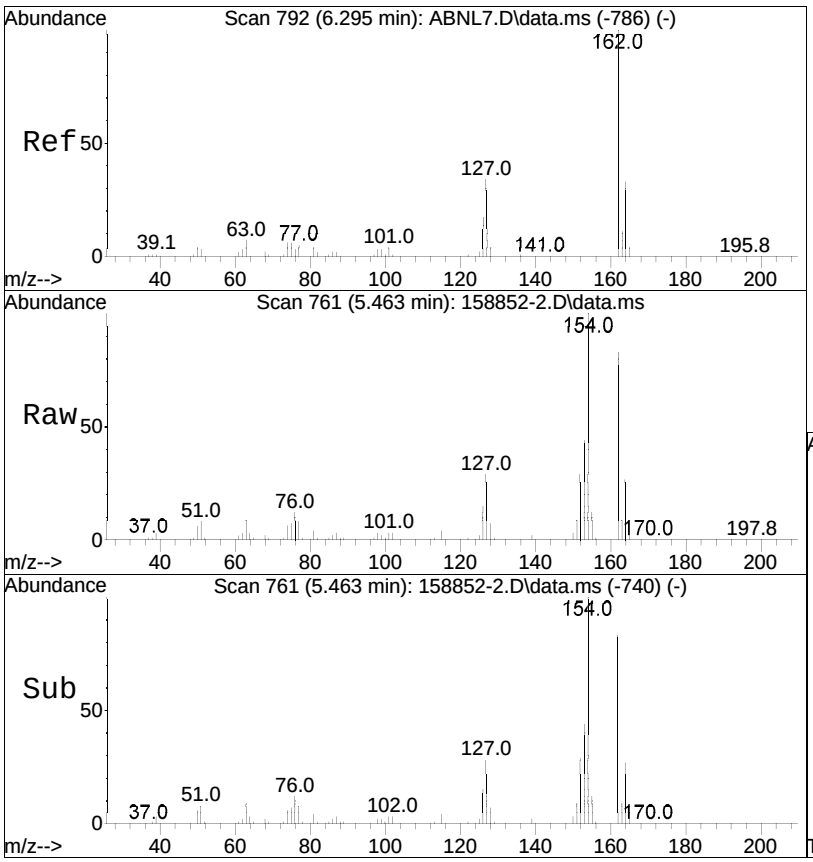


#45
2,4,5-Trichlorophenol
Concen: 26.80 ug/ml
RT: 5.351 min Scan# 742
Delta R.T. 0.006 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:196 Resp: 84729

Ion	Ratio	Lower	Upper
196	100		
200	29.6	25.4	38.0
198	95.7	79.1	118.7

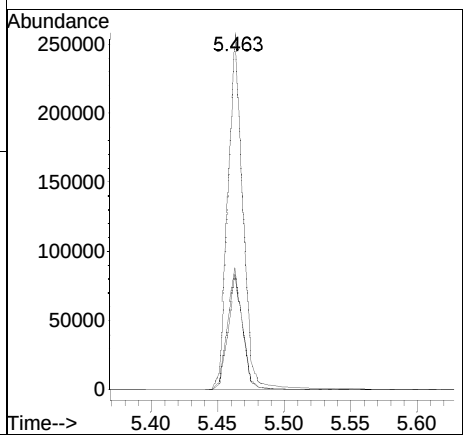


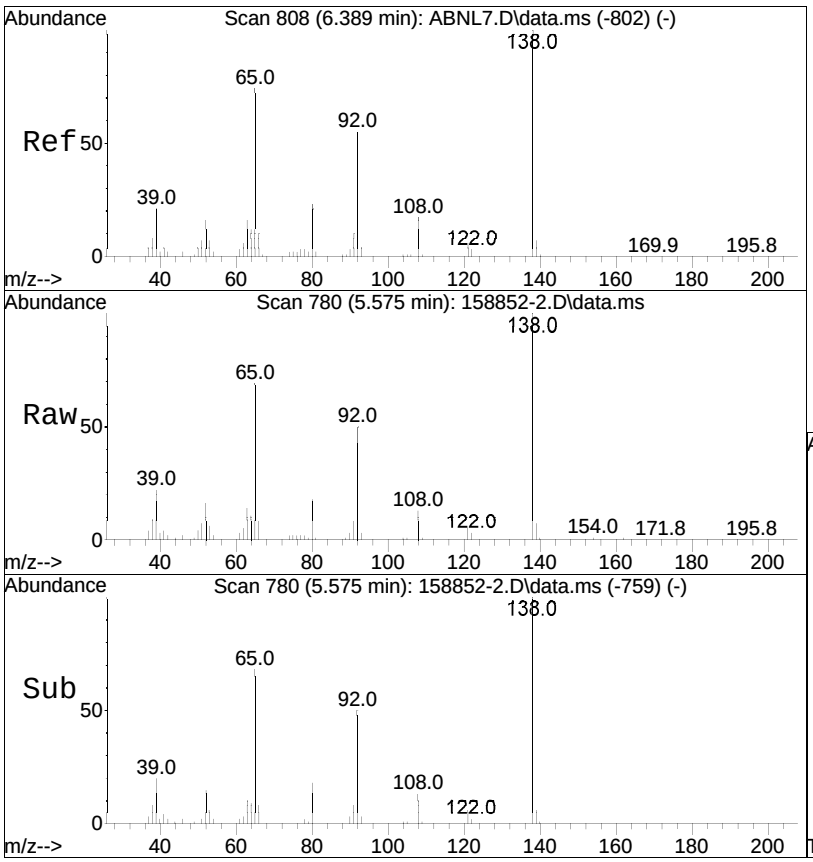


#47
2-Chloronaphthalene
Concen: 26.91 ug/ml
RT: 5.463 min Scan# 761
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:162 Resp: 202321

Ion	Ratio	Lower	Upper
162	100		
127	34.6	31.0	46.6
164	32.5	27.0	40.6

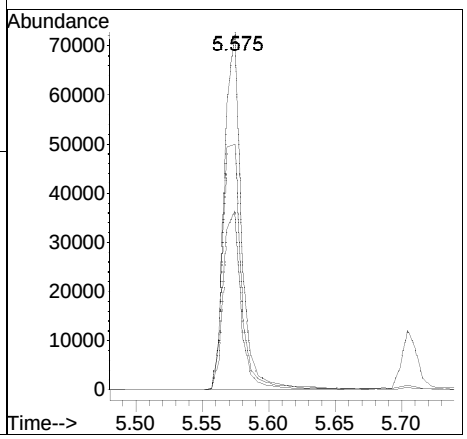


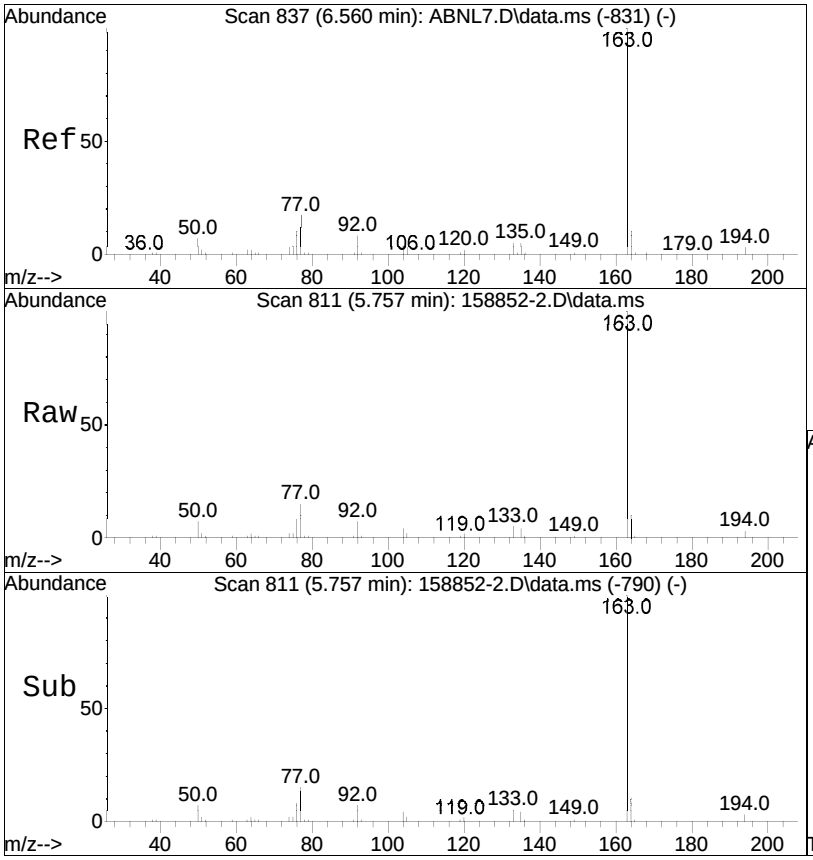


#48
2-Nitroaniline
Concen: 34.04 ug/ml
RT: 5.575 min Scan# 780
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:138 Resp: 64719

Ion	Ratio	Lower	Upper
138	100		
92	51.4	44.7	67.1
65	75.4	62.6	94.0

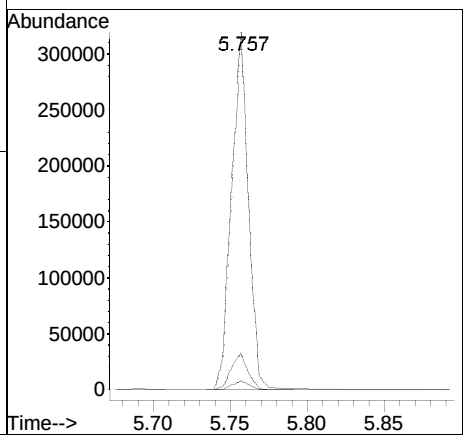


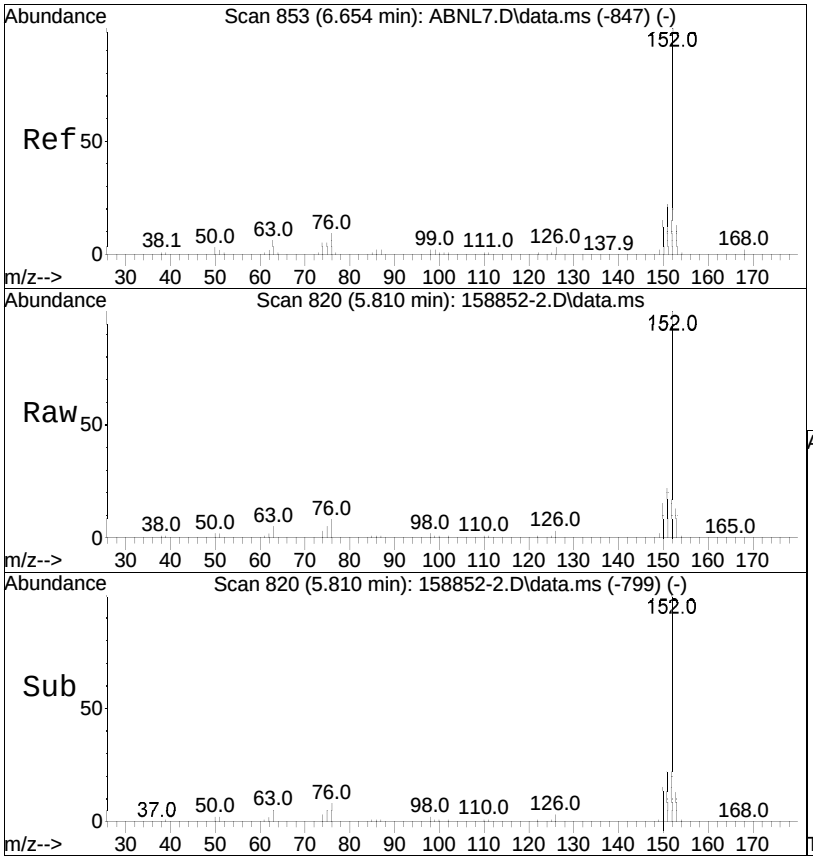


#51
Dimethyl phthalate
Concen: 25.61 ug/ml
RT: 5.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:163 Resp: 239325

Ion	Ratio	Lower	Upper
163	100		
194	2.5	2.0	3.0
164	10.3	8.6	12.8

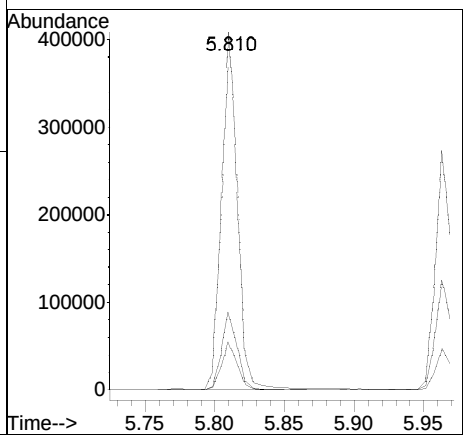


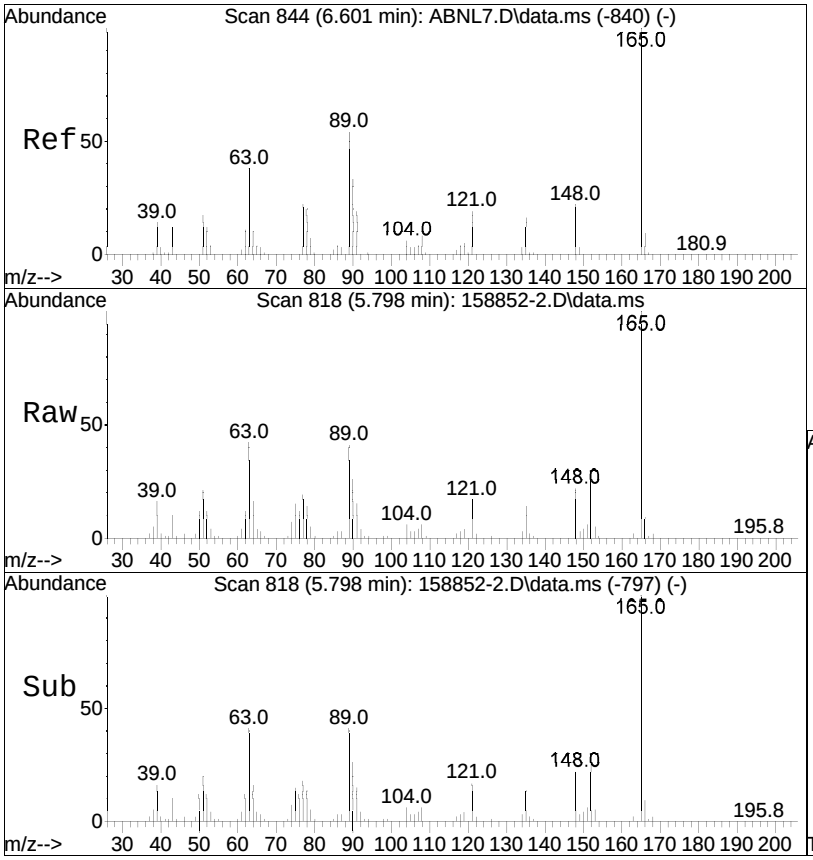


#52
Acenaphthylene
Concen: 26.07 ug/ml
RT: 5.810 min Scan# 820
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:152 Resp: 323852

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.5	26.3
153	13.4	11.3	16.9

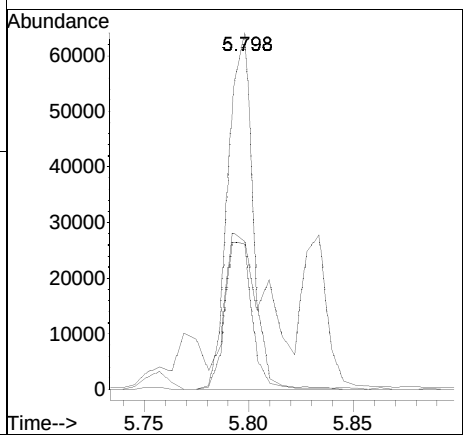


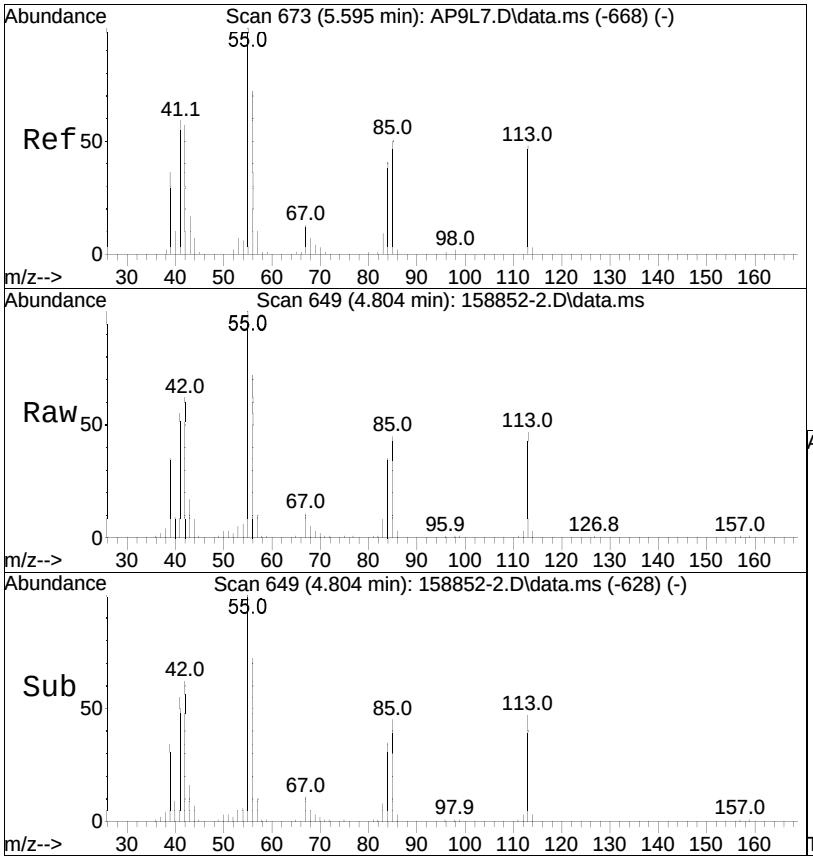


#53
2,6-Dinitrotoluene
Concen: 31.12 ug/ml
RT: 5.798 min Scan# 818
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:165 Resp: 53071

Ion	Ratio	Lower	Upper
165	100		
89	44.9	39.0	58.6
63	73.8	38.5	57.7#

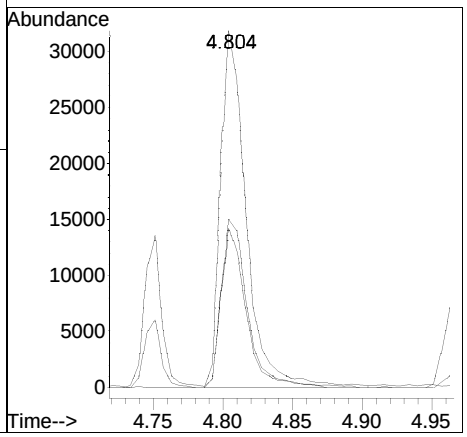


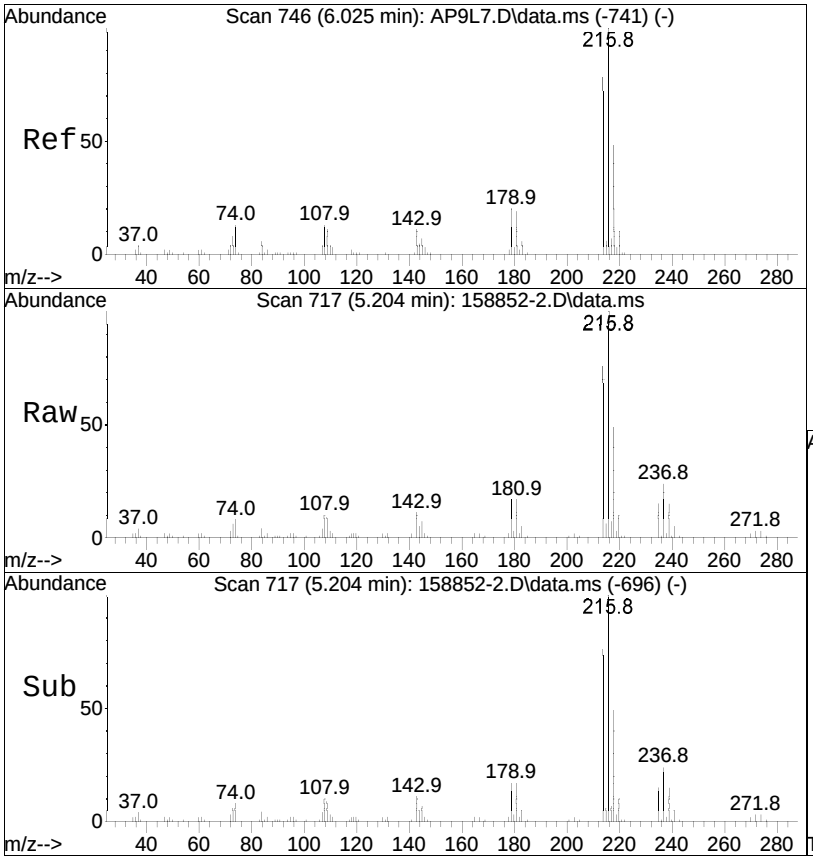


#60
Caprolactam
Concen: 42.16 ug/ml
RT: 4.804 min Scan# 649
Delta R.T. -0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion: 55 Resp: 41190

Ion	Ratio	Lower	Upper
55	100		
85	43.5	40.2	60.2
113	48.7	42.8	64.2

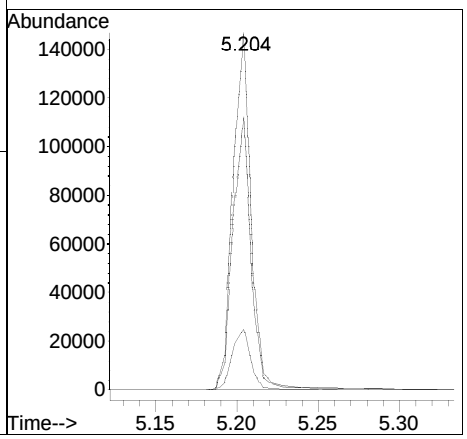


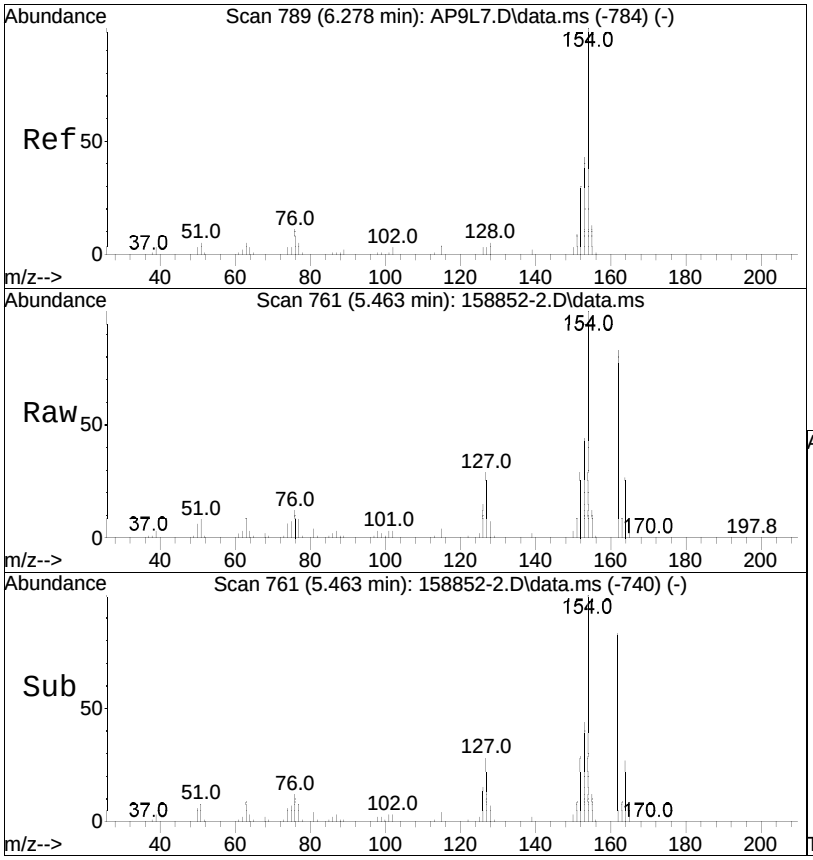


#61
1,2,4,5-Tetrachlorobenzene
Concen: 23.88 ug/ml
RT: 5.204 min Scan# 717
Delta R.T. -0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:216 Resp: 114947

Ion	Ratio	Lower	Upper
216	100		
214	77.3	63.4	95.2
179	17.6	16.4	24.6

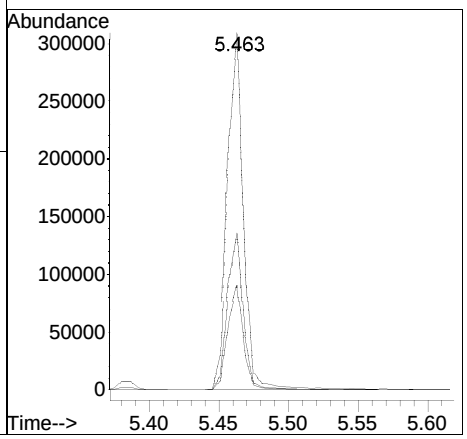


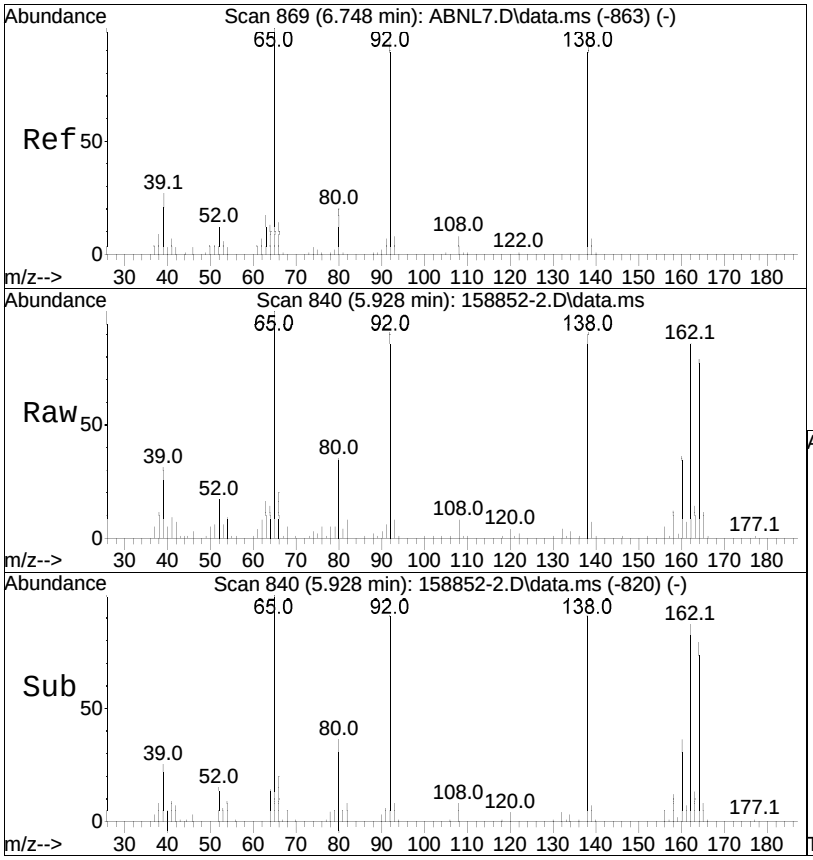


#62
Biphenyl
Concen: 27.79 ug/ml
RT: 5.463 min Scan# 761
Delta R.T. -0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:154 Resp: 246659

Ion	Ratio	Lower	Upper
154	100		
153	43.5	34.7	52.1
152	29.2	24.0	36.0

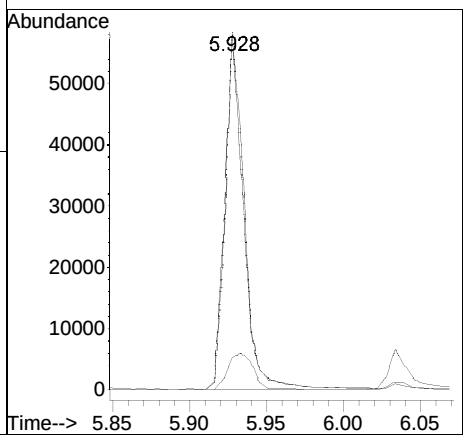


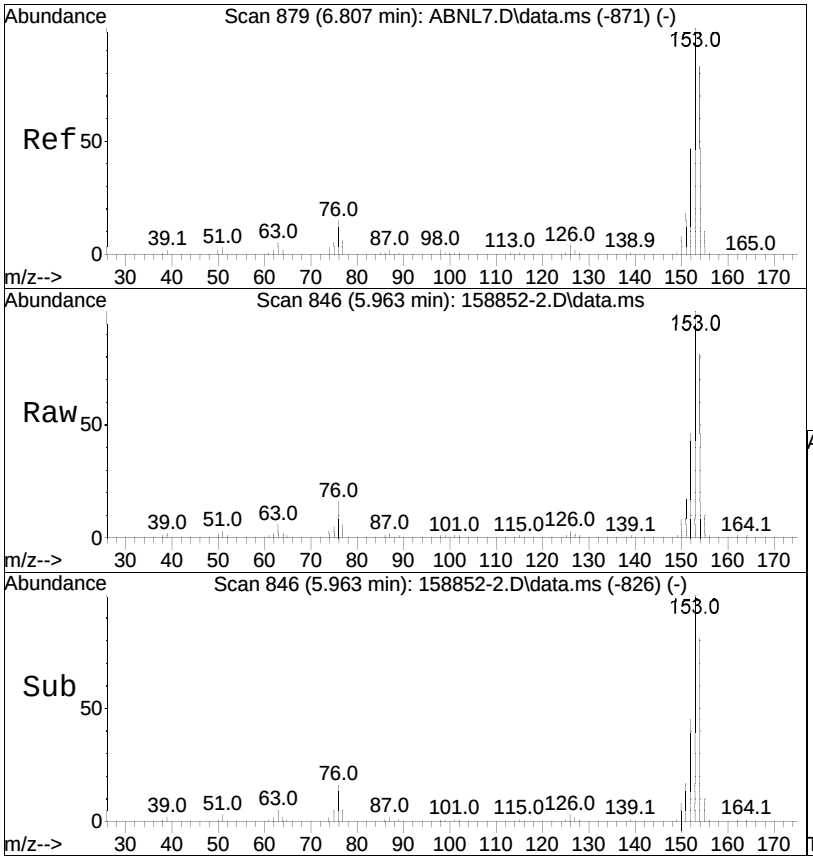


#64
3-Nitroaniline
Concen: 27.14 ug/ml
RT: 5.928 min Scan# 840
Delta R.T. -0.006 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:138 Resp: 49711

Ion	Ratio	Lower	Upper
138	100		
92	98.4	80.2	120.4
108	13.9	7.2	10.8#

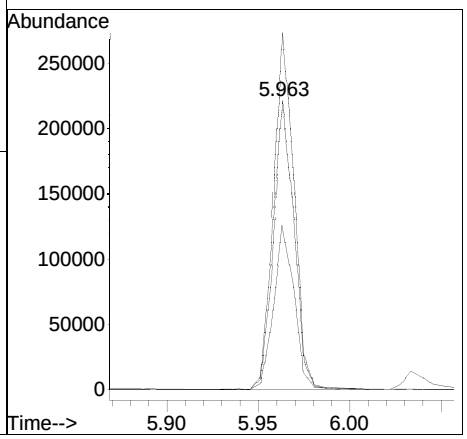


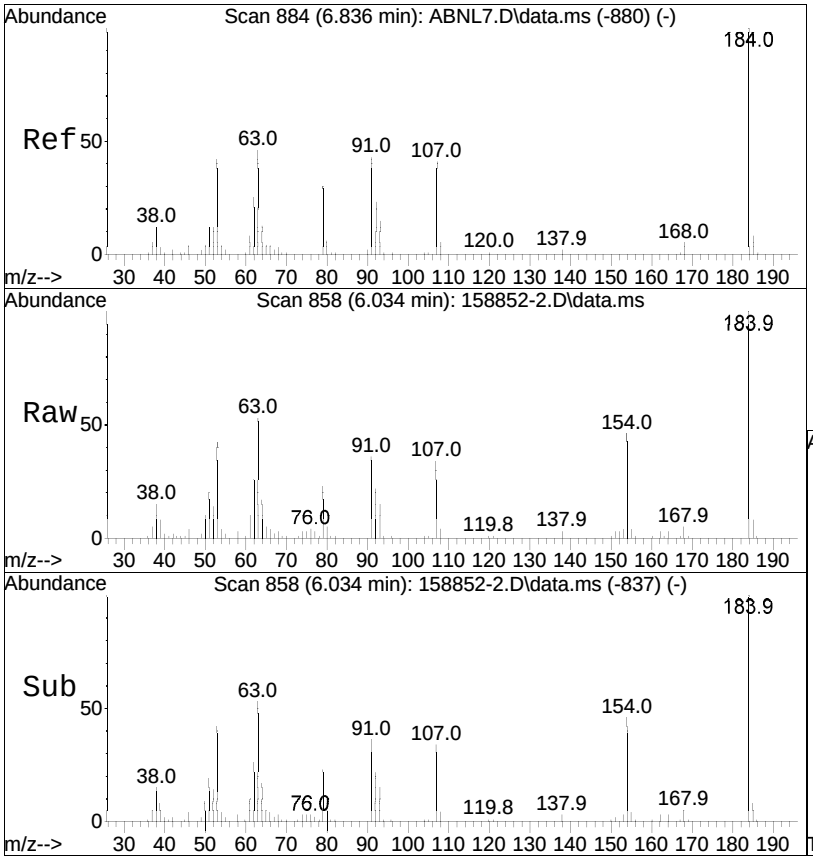


#65
Acenaphthene
Concen: 24.35 ug/ml
RT: 5.963 min Scan# 846
Delta R.T. -0.006 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:154 Resp: 174140

Ion	Ratio	Lower	Upper
154	100		
153	124.0	95.8	143.8
152	55.5	46.3	69.5

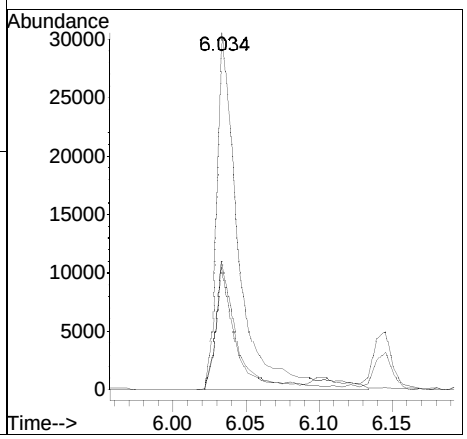


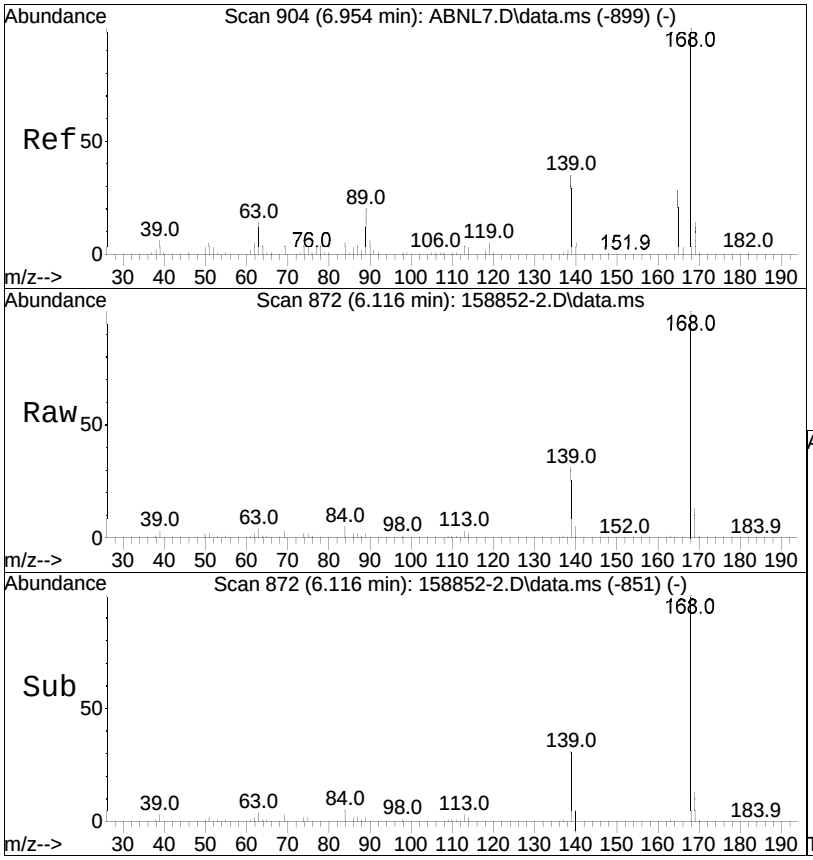


#66
2,4-Dinitrophenol
Concen: 35.81 ug/ml
RT: 6.034 min Scan# 858
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:184 Resp: 32232

Ion	Ratio	Lower	Upper
184	100		
107	31.5	32.2	48.2#
91	33.6	36.4	54.6#

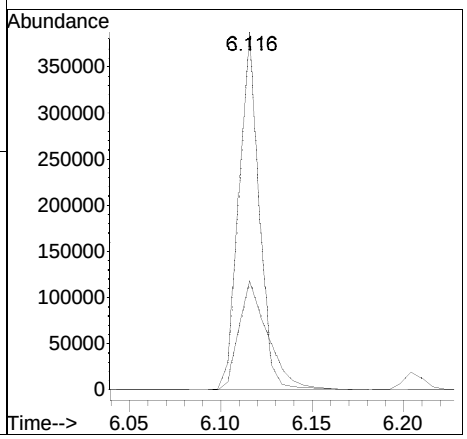


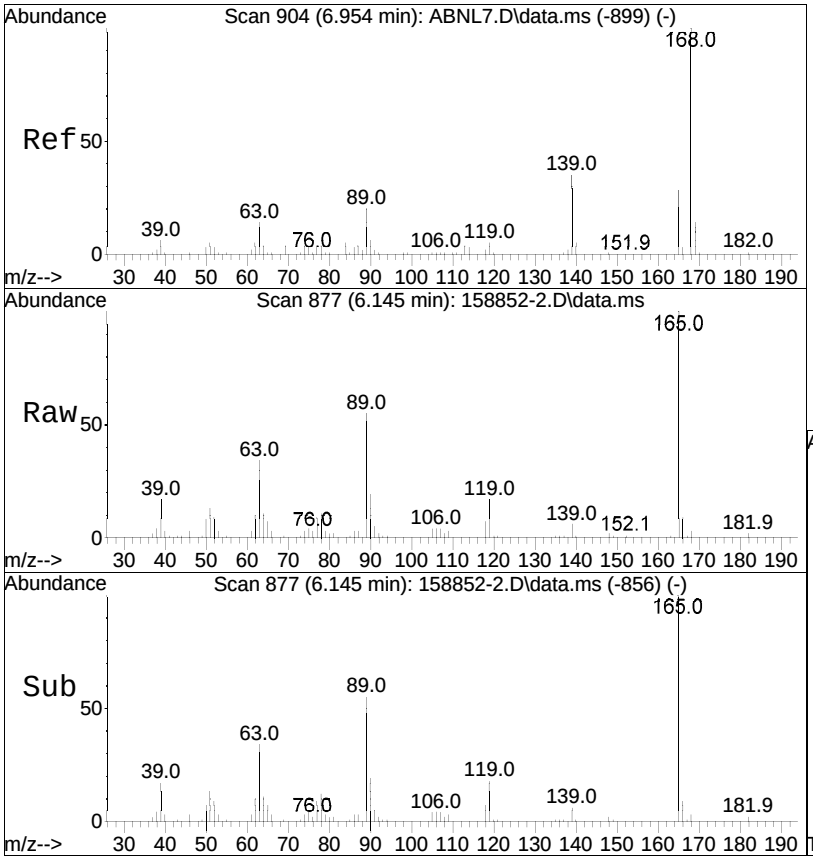


#67
Dibenzofuran
Concen: 24.72 ug/ml
RT: 6.116 min Scan# 872
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:168 Resp: 298026

Ion	Ratio	Lower	Upper
168	100		
139	44.7	44.5	66.7

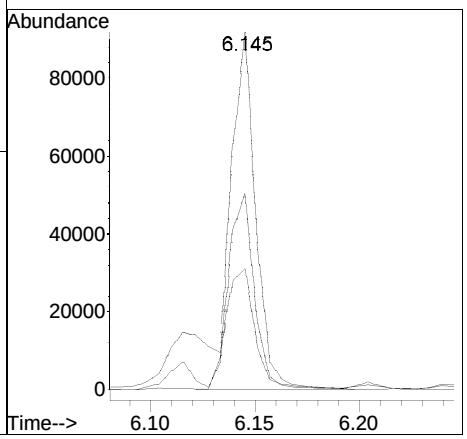


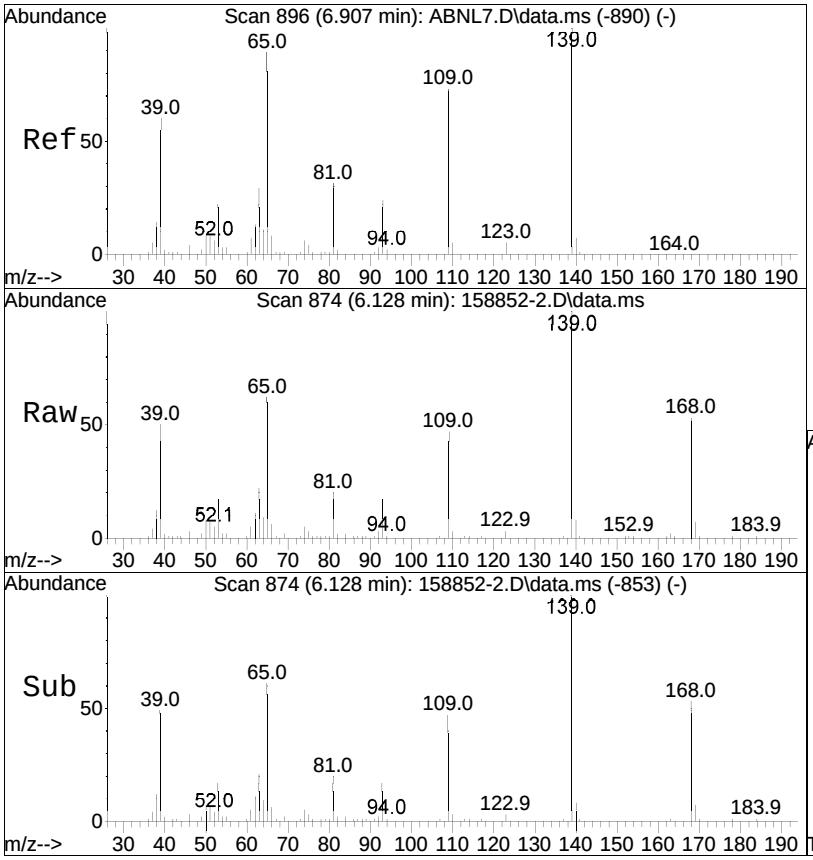


#68
2,4-Dinitrotoluene
Concen: 31.41 ug/ml
RT: 6.145 min Scan# 877
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:165 Resp: 74946

Ion	Ratio	Lower	Upper
165	100		
89	56.7	58.8	88.2#
63	34.3	56.5	84.7#

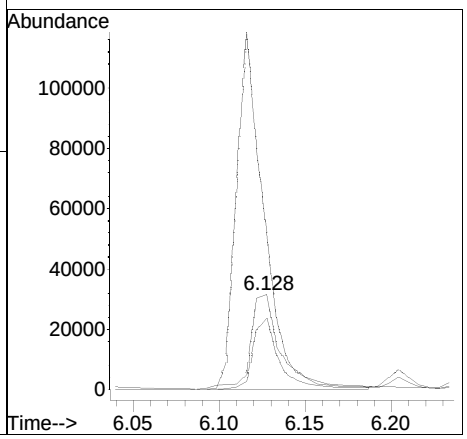


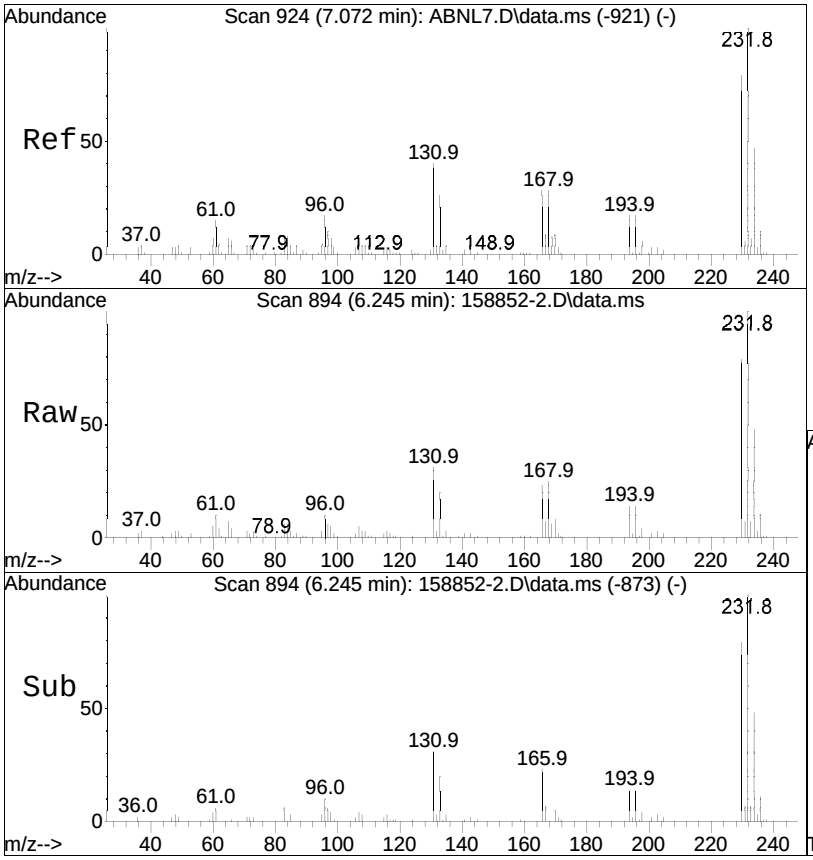


#69
4-Nitrophenol
Concen: 34.07 ug/ml
RT: 6.128 min Scan# 874
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion: 65 Resp: 39132

Ion	Ratio	Lower	Upper
65	100		
109	64.3	52.0	78.0
139	341.5	268.1	402.1

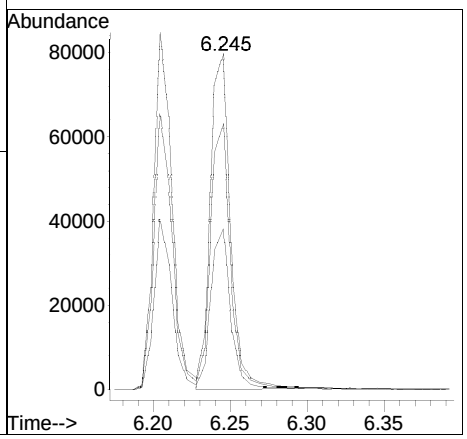


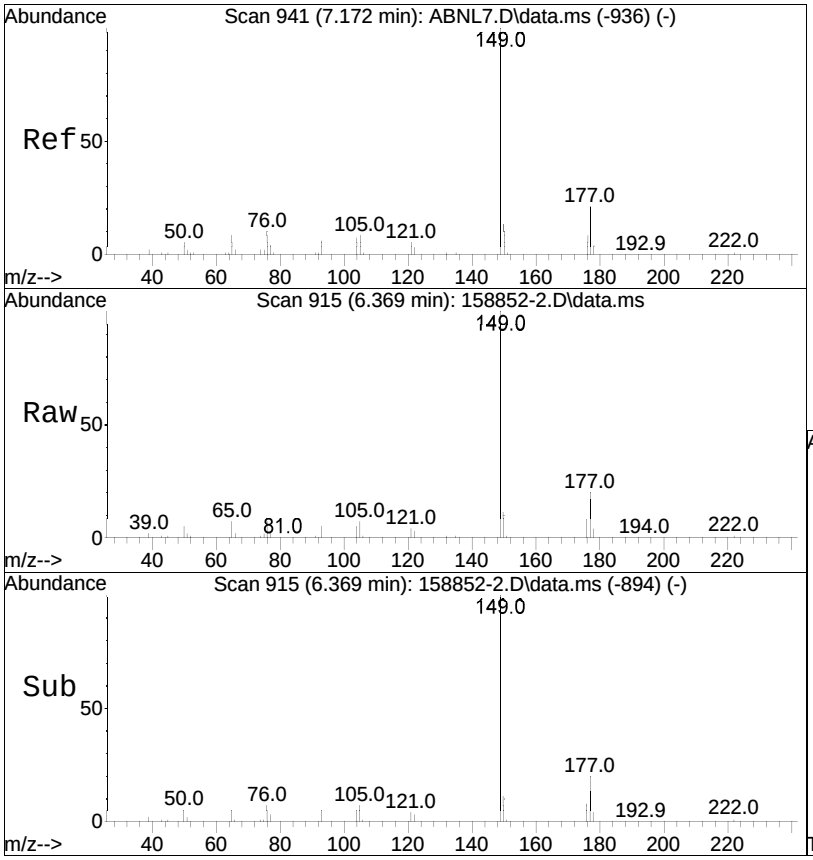


#71
2,3,4,6-Tetrachlorophenol
Concen: 24.74 ug/ml
RT: 6.245 min Scan# 894
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:232 Resp: 72724

Ion	Ratio	Lower	Upper
232	100		
230	78.1	62.9	94.3
234	48.4	38.1	57.1

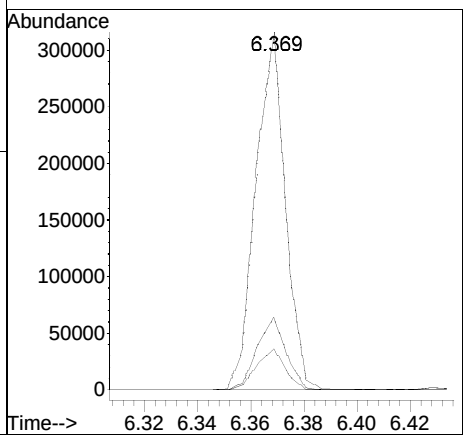


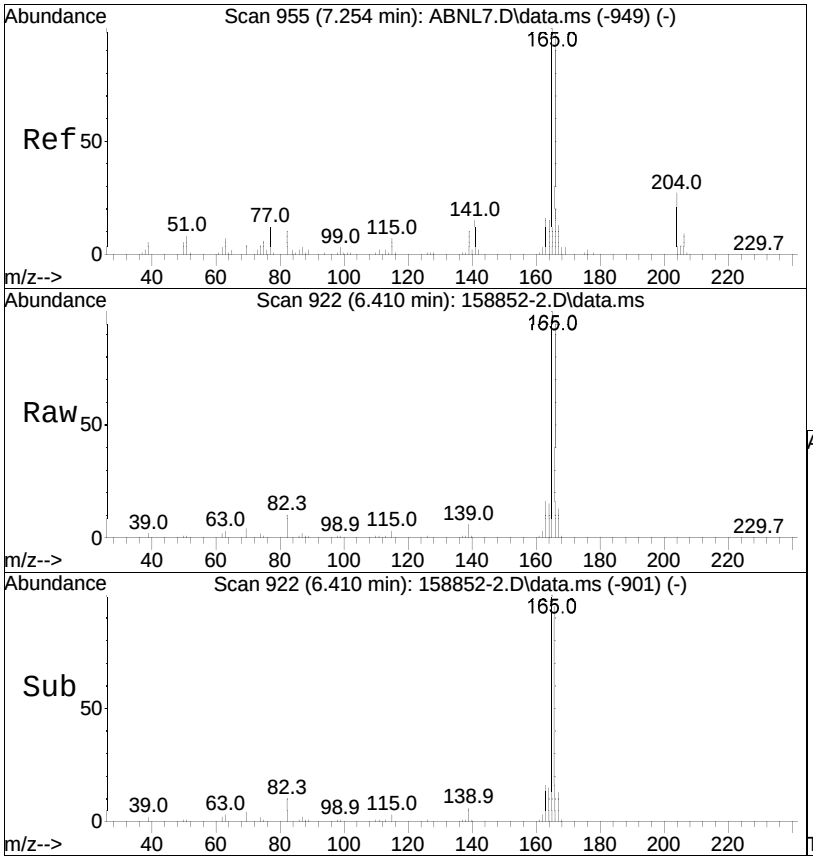


#72
Diethyl phthalate
Concen: 27.05 ug/ml
RT: 6.369 min Scan# 915
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:149 Resp: 240323

Ion	Ratio	Lower	Upper
149	100		
177	20.3	16.2	24.4
150	11.4	9.9	14.9

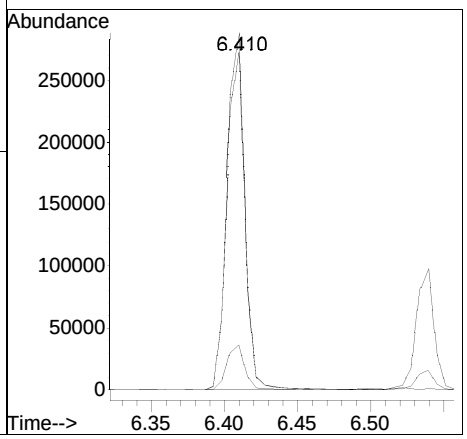


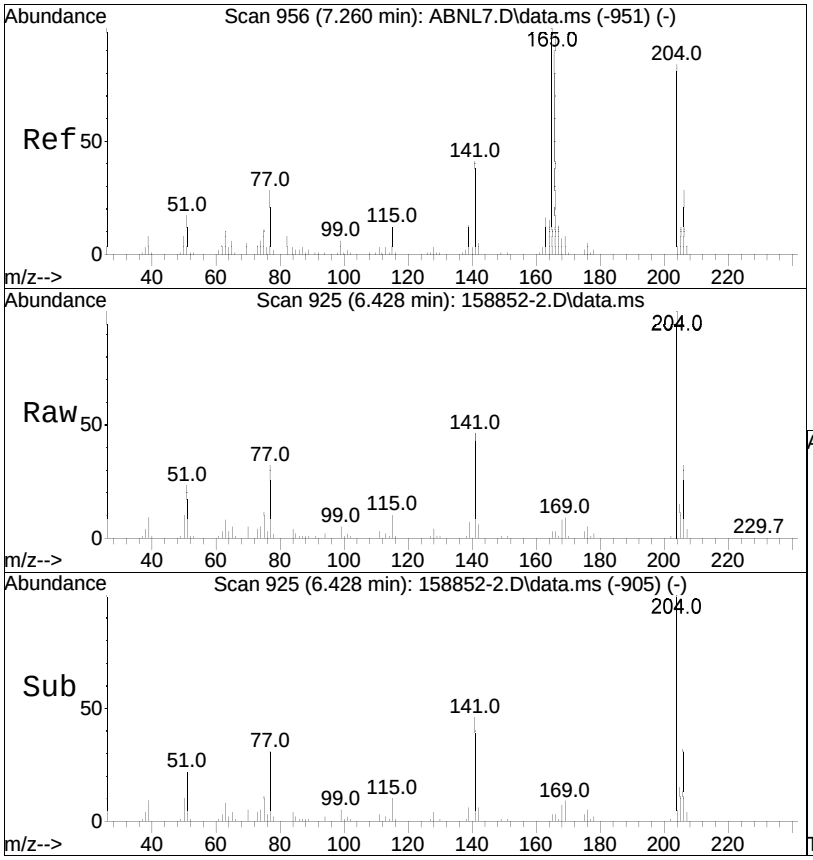


#73
Fluorene
Concen: 24.61 ug/ml
RT: 6.410 min Scan# 922
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:166 Resp: 234582

Ion	Ratio	Lower	Upper
166	100		
165	104.8	82.5	123.7
167	13.5	11.3	16.9

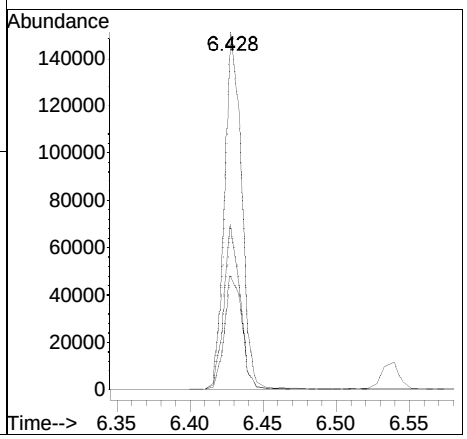


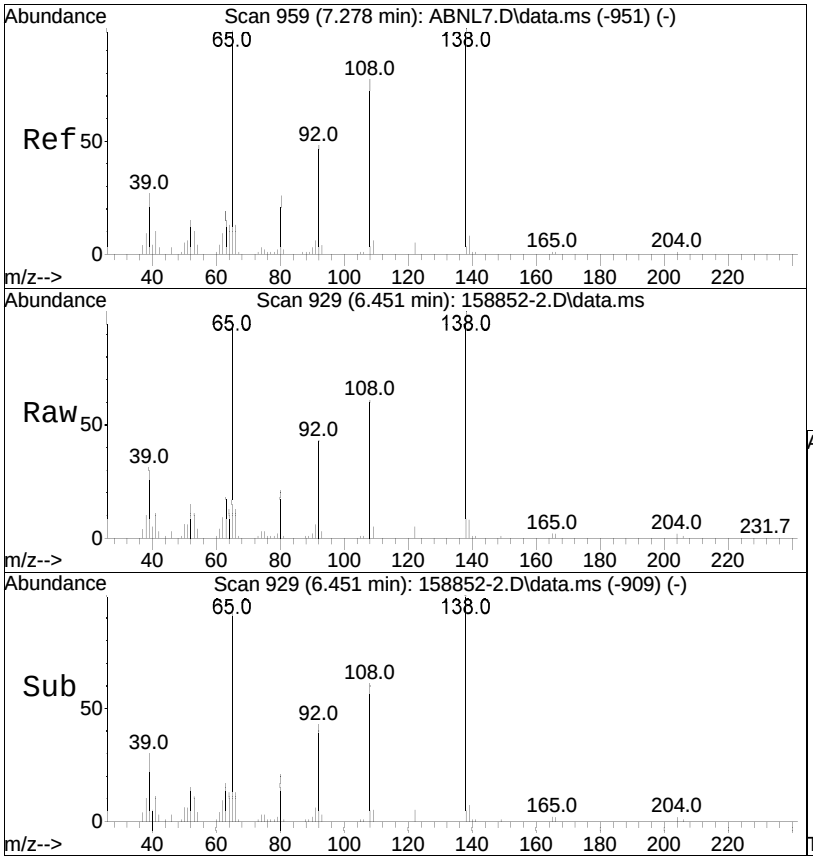


#74
4-Chlorophenyl phenyl ether
Concen: 23.42 ug/ml
RT: 6.428 min Scan# 925
Delta R.T. -0.006 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:204 Resp: 121264

Ion	Ratio	Lower	Upper
204	100		
206	33.2	27.1	40.7
141	44.0	46.6	70.0#

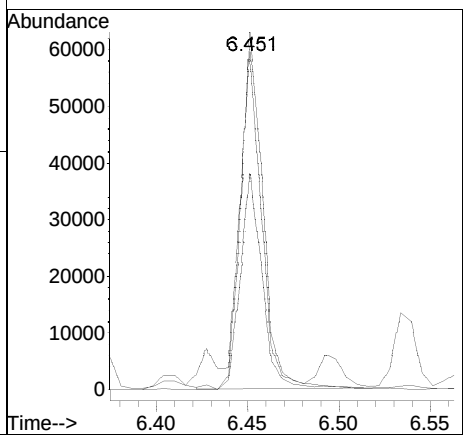


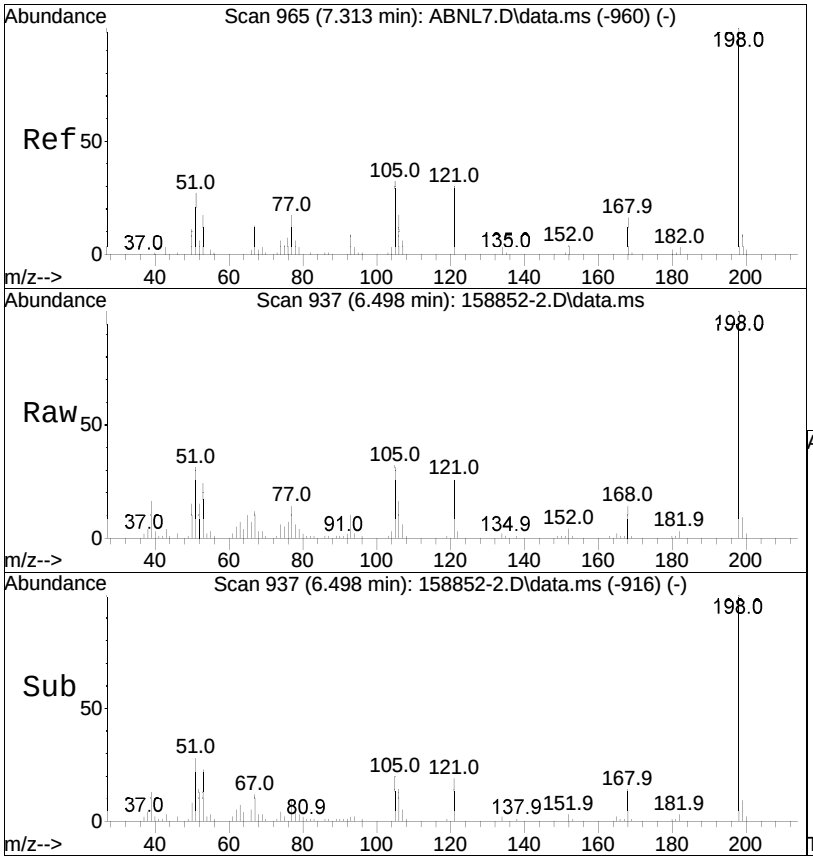


#75
4-Nitroaniline
Concen: 27.11 ug/ml
RT: 6.451 min Scan# 929
Delta R.T. -0.006 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:138 Resp: 52135

Ion	Ratio	Lower	Upper
138	100		
108	61.5	45.8	68.8
65	103.1	84.2	126.4

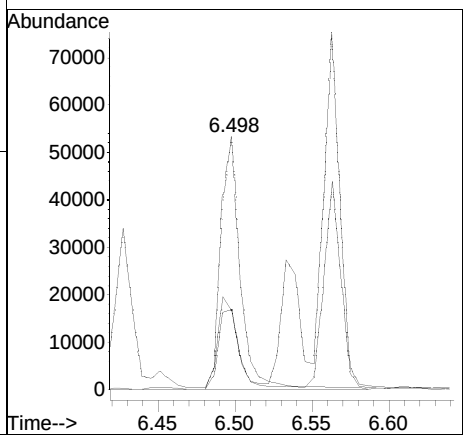


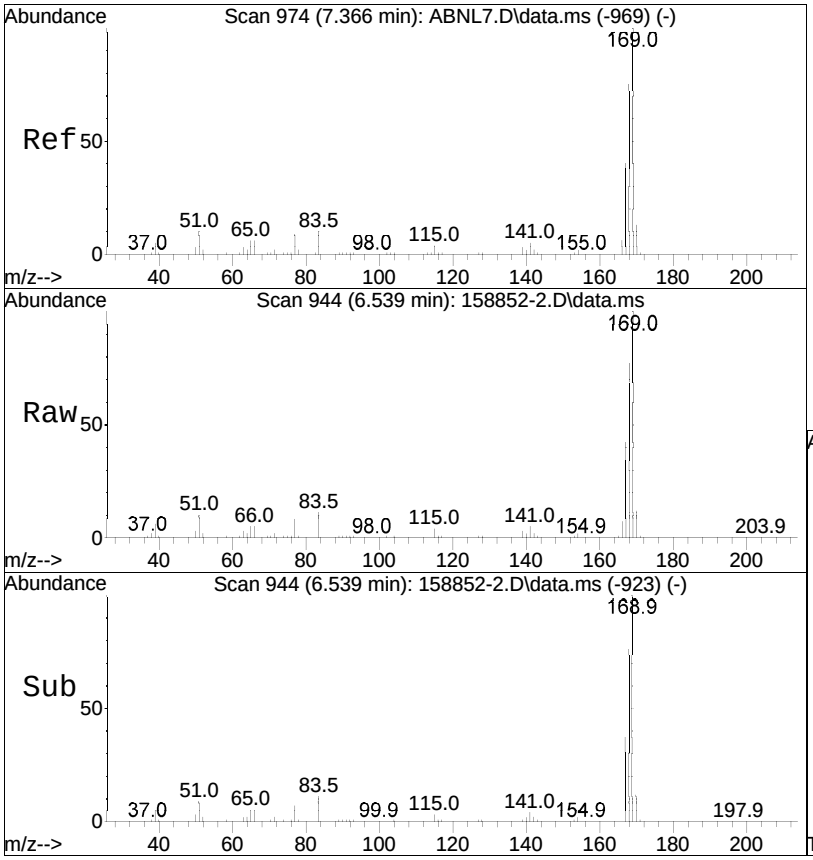


#76
4,6-Dinitro-o-cresol
Concen: 35.46 ug/ml
RT: 6.498 min Scan# 937
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:198 Resp: 47796

Ion	Ratio	Lower	Upper
198	100		
51	36.0	35.5	53.3
105	34.7	35.8	53.6#

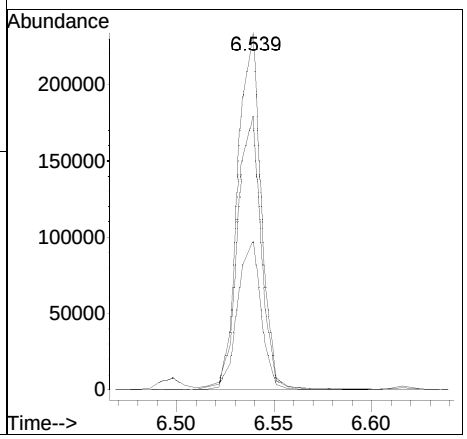


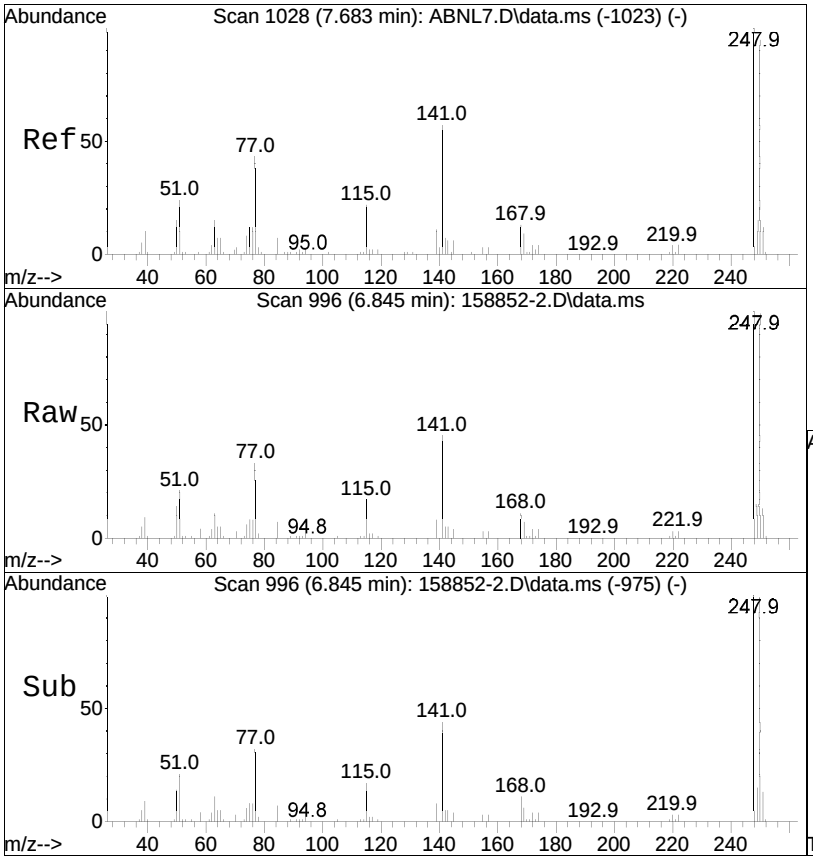


#77
NDPA/DPA
Concen: 23.48 ug/ml
RT: 6.539 min Scan# 944
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:169 Resp: 193252

Ion	Ratio	Lower	Upper
169	100		
168	78.6	59.7	89.5
167	43.7	33.6	50.4

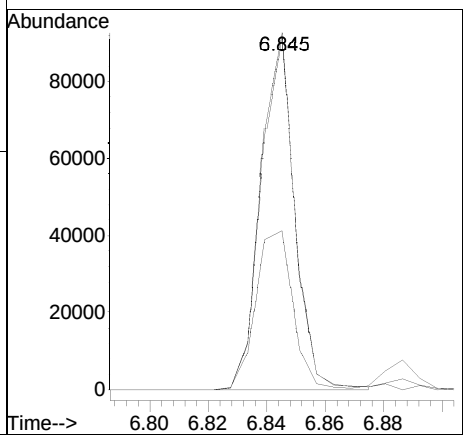


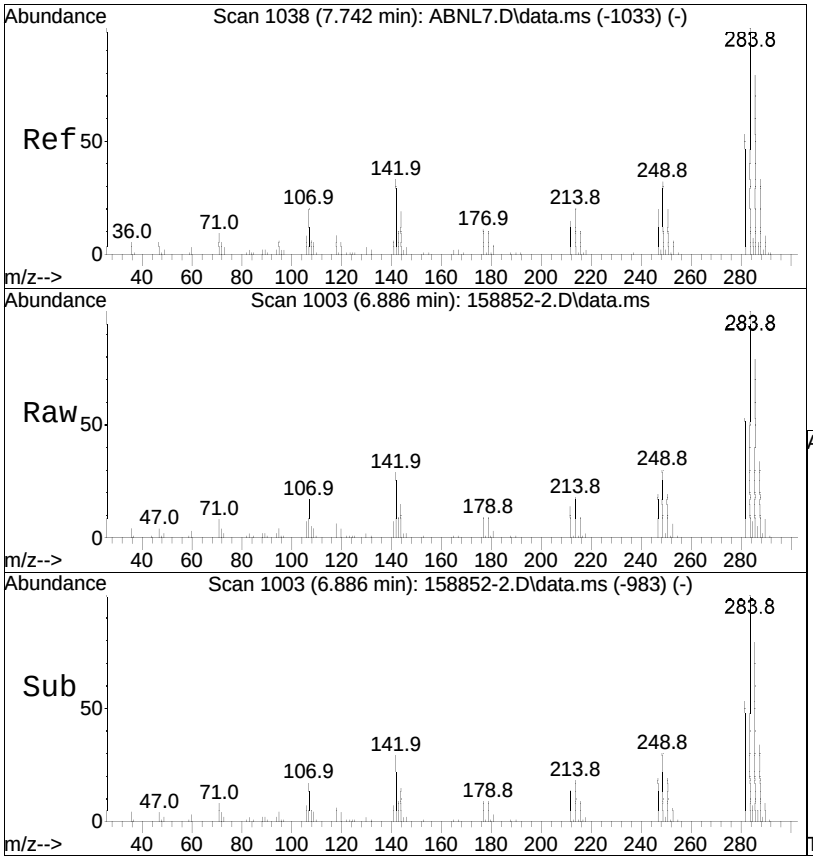


#80
4-Bromophenyl phenyl ether
Concen: 22.71 ug/ml
RT: 6.845 min Scan# 996
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:248 Resp: 74211

Ion	Ratio	Lower	Upper
248	100		
141	49.5	50.8	76.2#
250	98.4	78.1	117.1

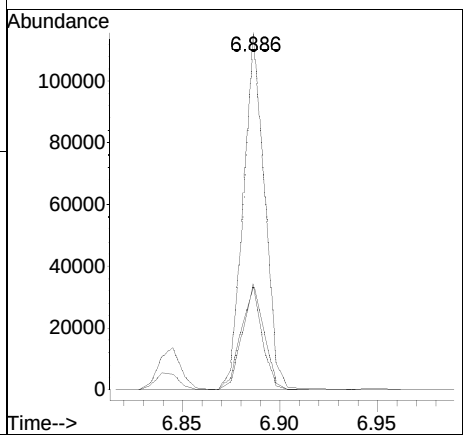


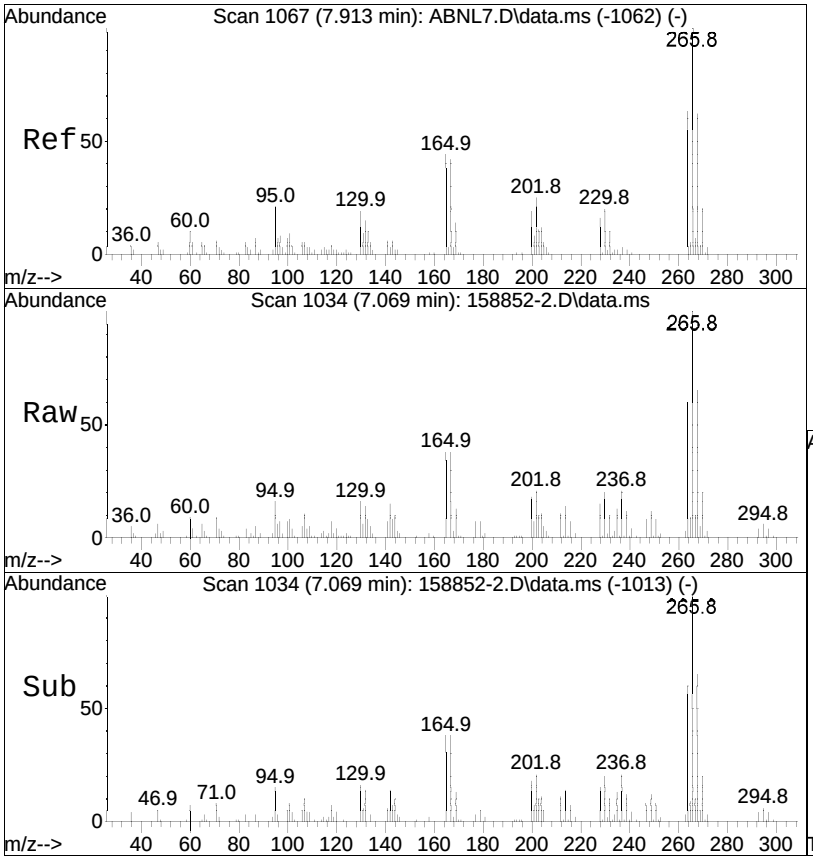


#81
Hexachlorobenzene
Concen: 24.19 ug/ml
RT: 6.886 min Scan# 1003
Delta R.T. -0.006 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:284 Resp: 87698

Ion	Ratio	Lower	Upper
284	100		
142	29.0	25.7	38.5
249	29.9	23.3	34.9

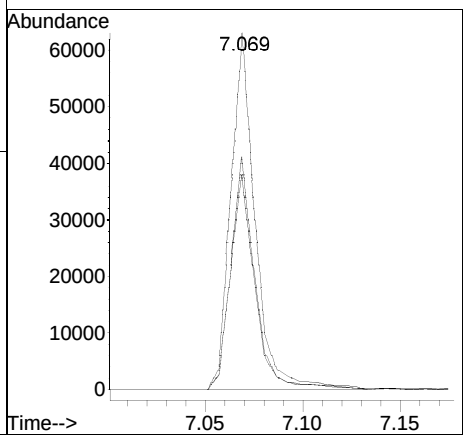


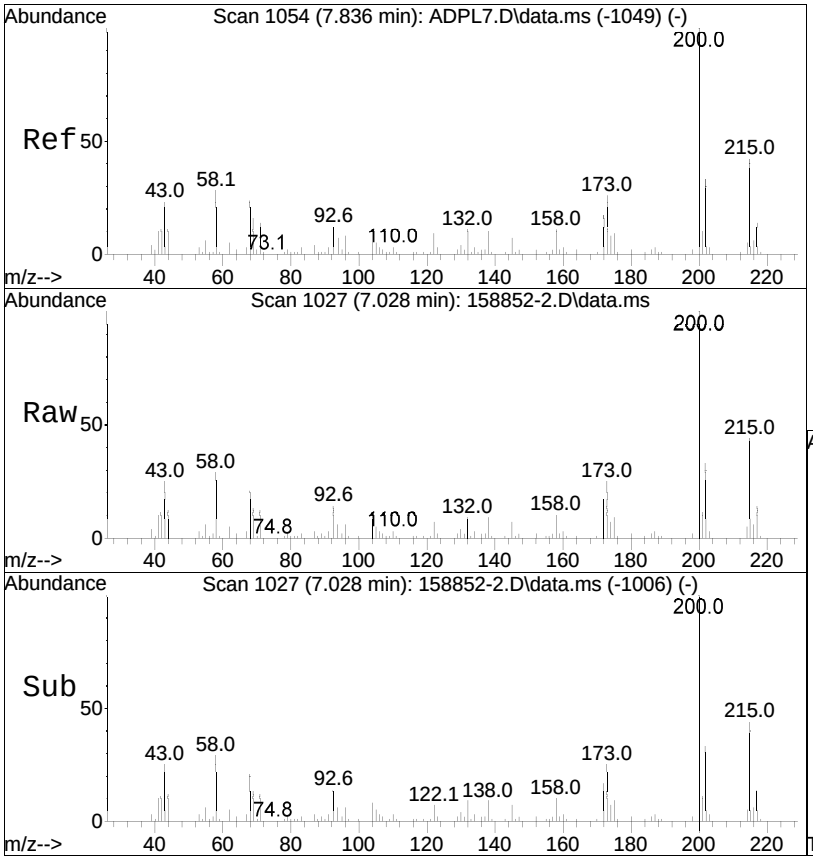


#82
Pentachlorophenol
Concen: 25.55 ug/ml
RT: 7.069 min Scan# 1034
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:266 Resp: 54930

Ion	Ratio	Lower	Upper
266	100		
264	61.8	50.4	75.6
268	65.6	49.9	74.9

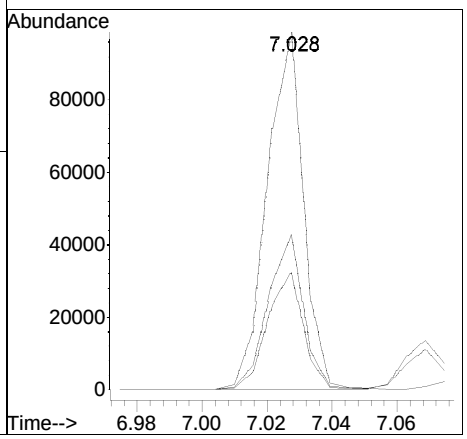


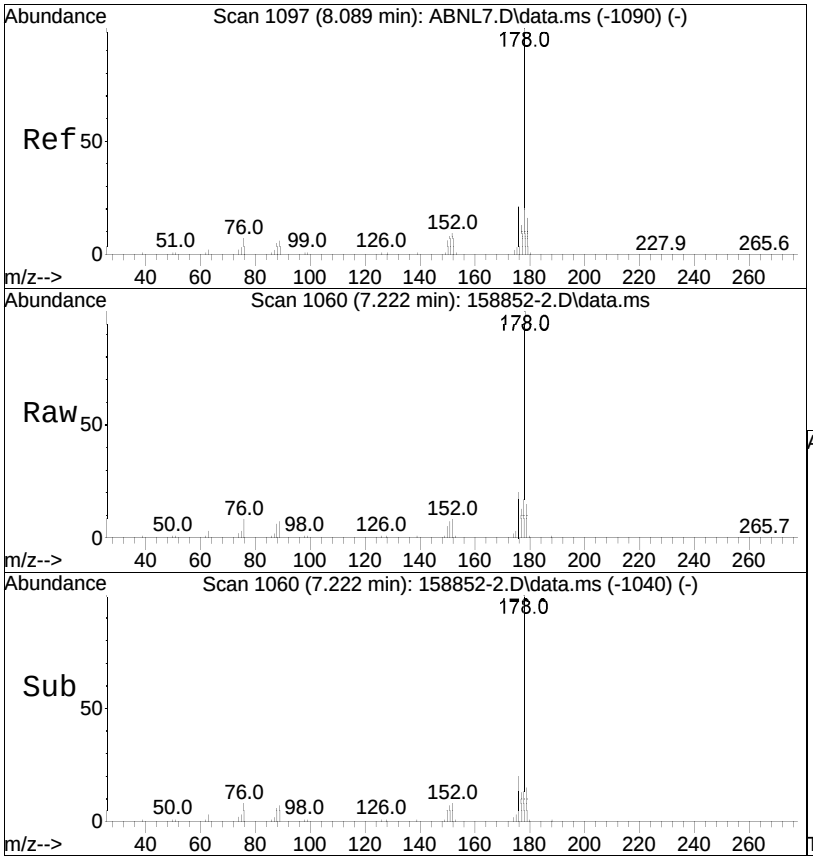


#87
Atrazine
Concen: 27.02 ug/ml
RT: 7.028 min Scan# 1027
Delta R.T. -0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:200 Resp: 75939

Ion	Ratio	Lower	Upper
200	100		
202	32.8	26.5	39.7
215	42.7	35.8	53.6

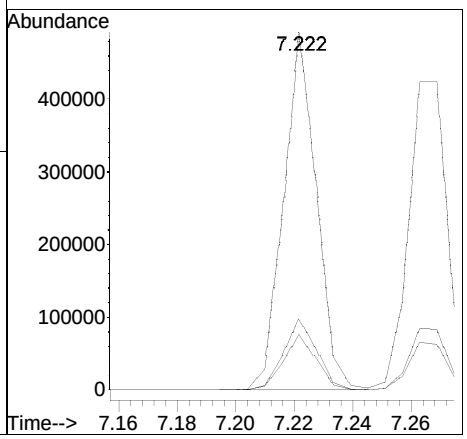


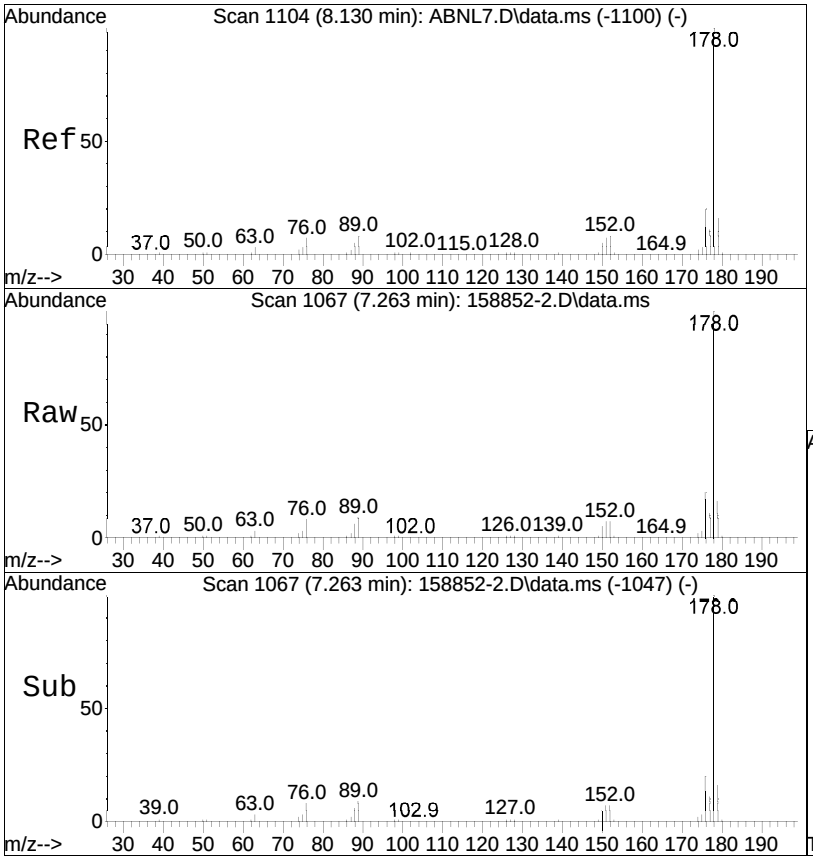


#89
Phenanthrene
Concen: 24.78 ug/ml
RT: 7.222 min Scan# 1060
Delta R.T. -0.006 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:178 Resp: 383028

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.3	19.9
176	20.0	16.9	25.3

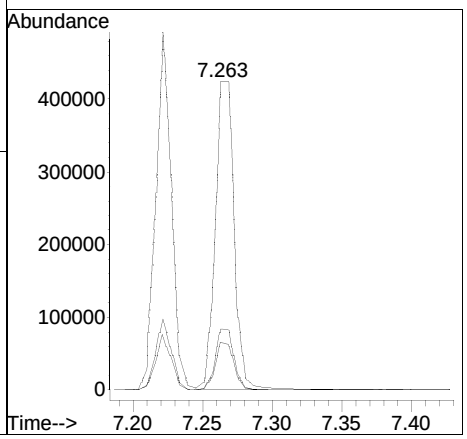


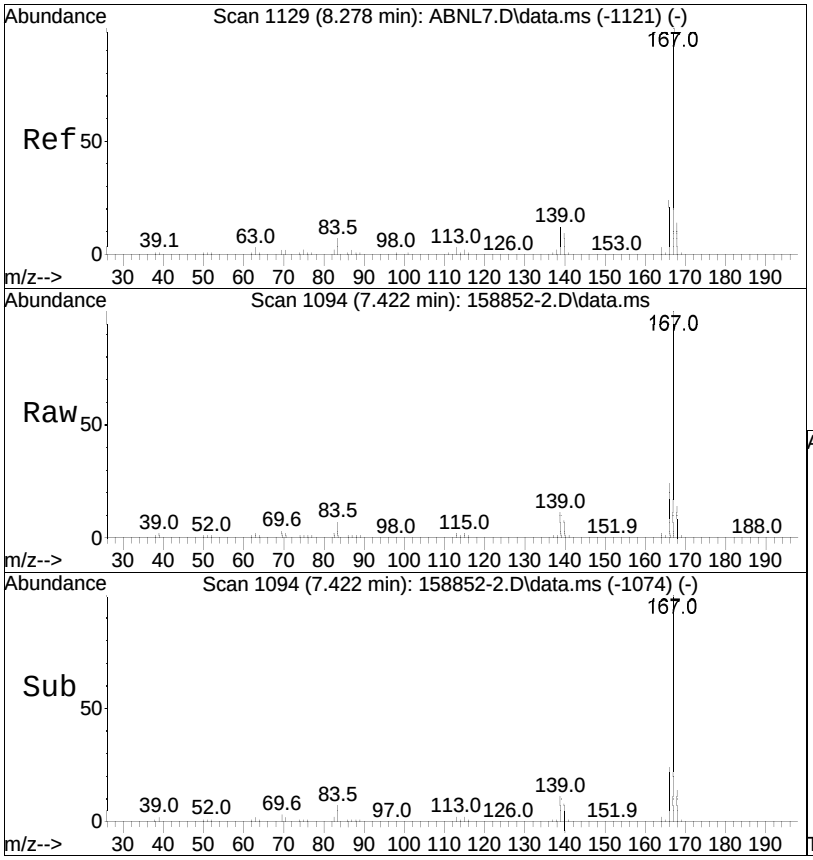


#90
Anthracene
Concen: 25.29 ug/ml
RT: 7.263 min Scan# 1067
Delta R.T. -0.006 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:178 Resp: 397135

Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.1	19.7
176	19.5	16.3	24.5

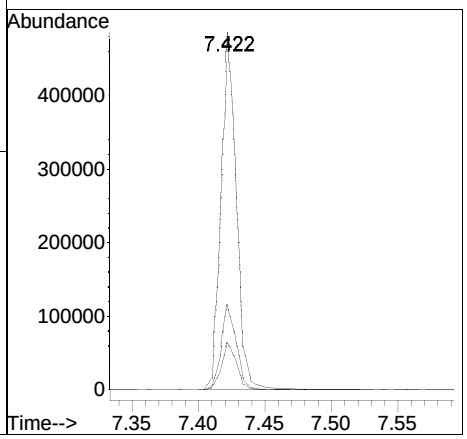


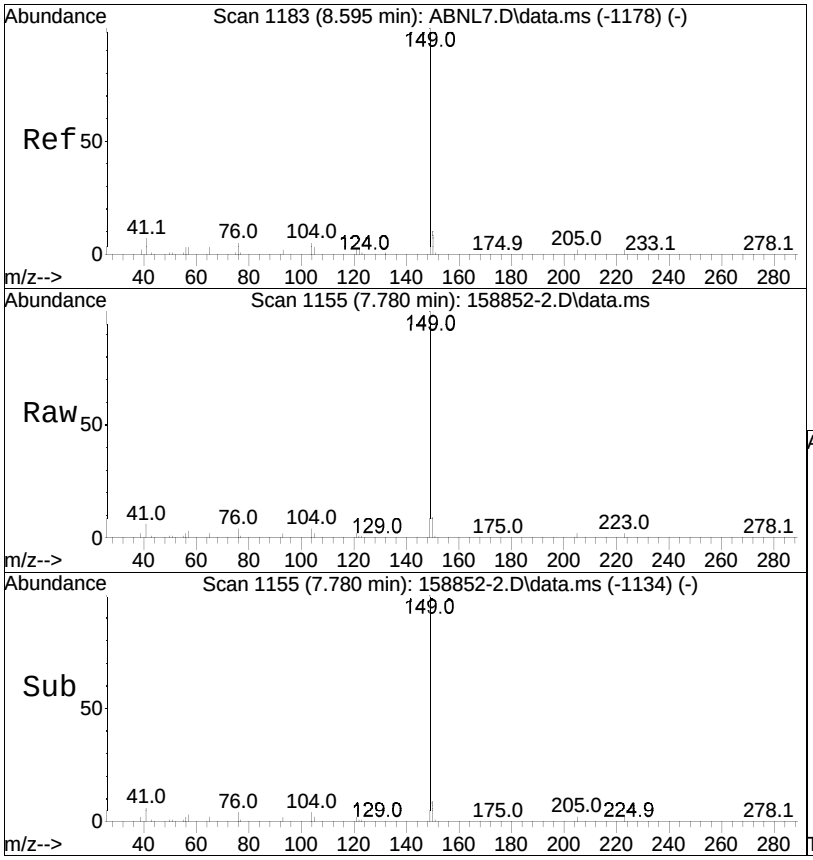


#91
Carbazole
Concen: 25.95 ug/ml
RT: 7.422 min Scan# 1094
Delta R.T. -0.006 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:167 Resp: 383501

Ion	Ratio	Lower	Upper
167	100		
168	13.3	11.6	17.4
166	24.1	19.9	29.9

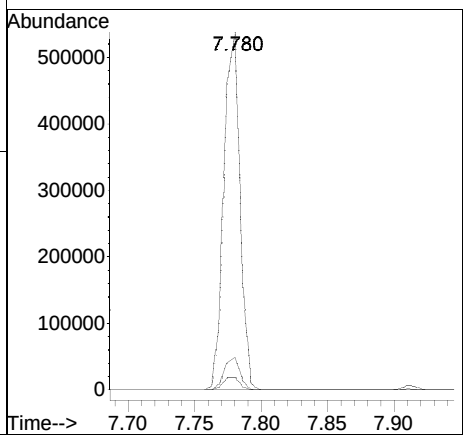


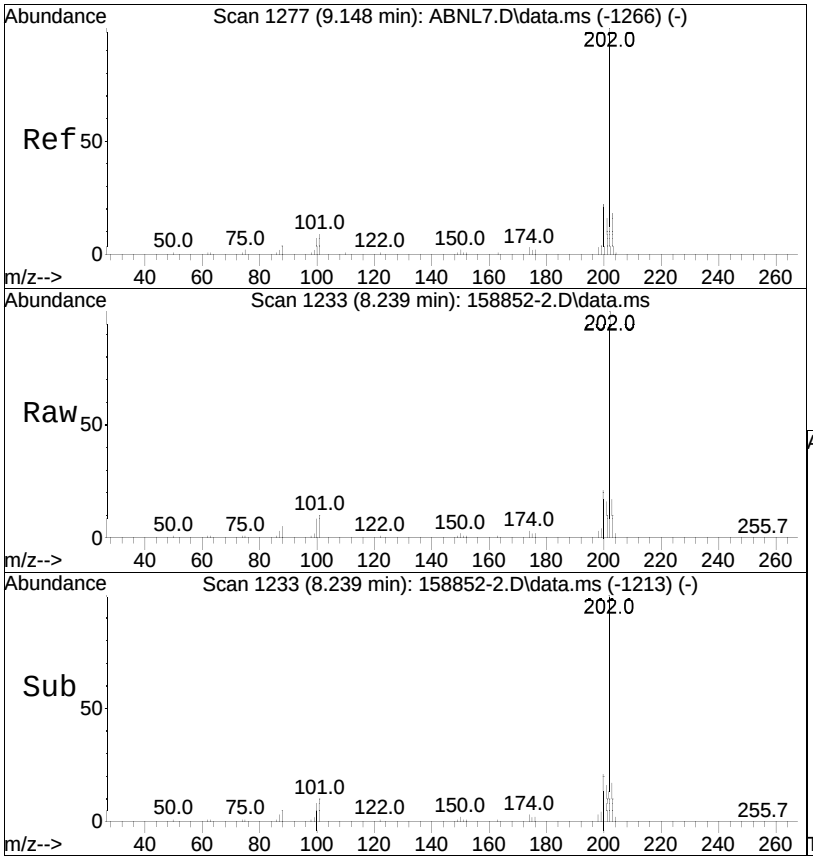


#92
Di-n-butylphthalate
Concen: 28.87 ug/ml
RT: 7.780 min Scan# 1155
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:149 Resp: 447077

Ion	Ratio	Lower	Upper
149	100		
150	9.0	8.1	12.1
104	3.7	3.4	5.2

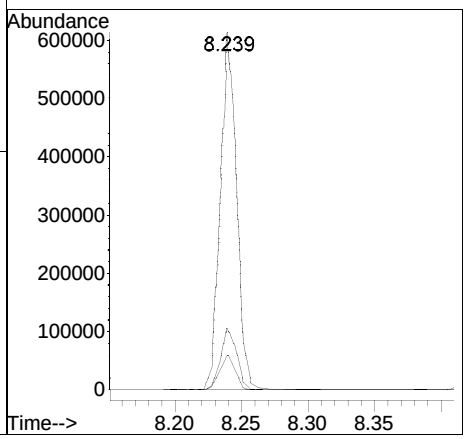


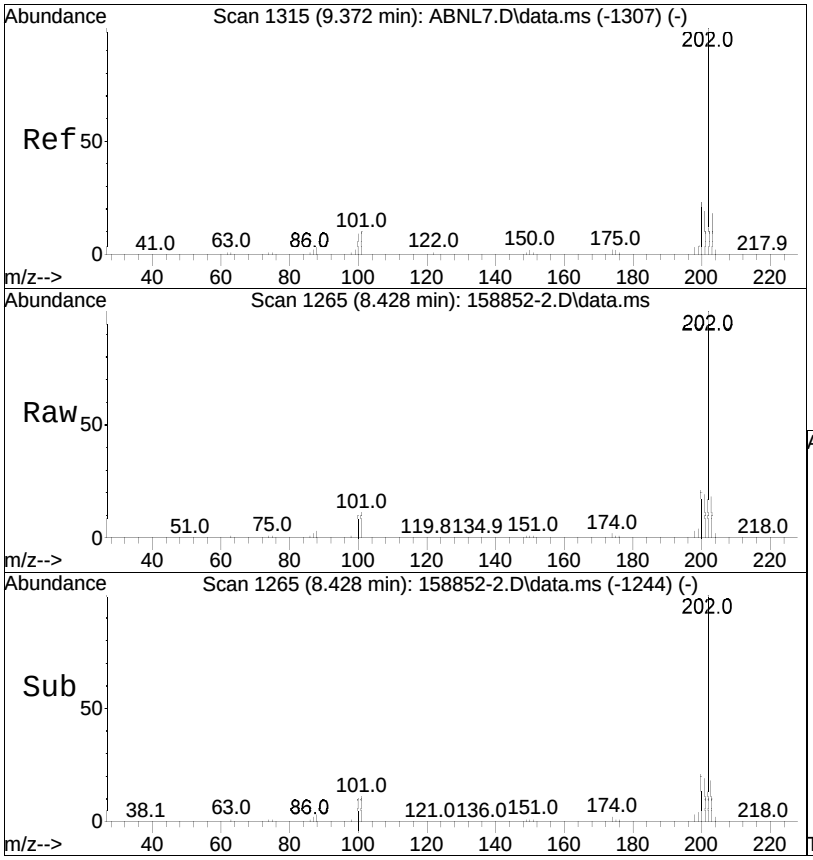


#93
Fluoranthene
Concen: 24.55 ug/ml
RT: 8.239 min Scan# 1233
Delta R.T. -0.006 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:202 Resp: 514957

Ion	Ratio	Lower	Upper
202	100		
101	9.5	11.5	17.3#
203	17.4	15.0	22.6

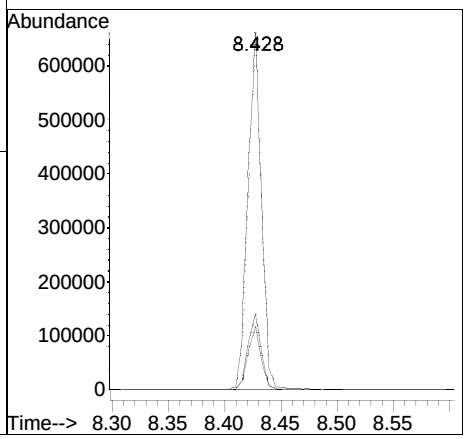


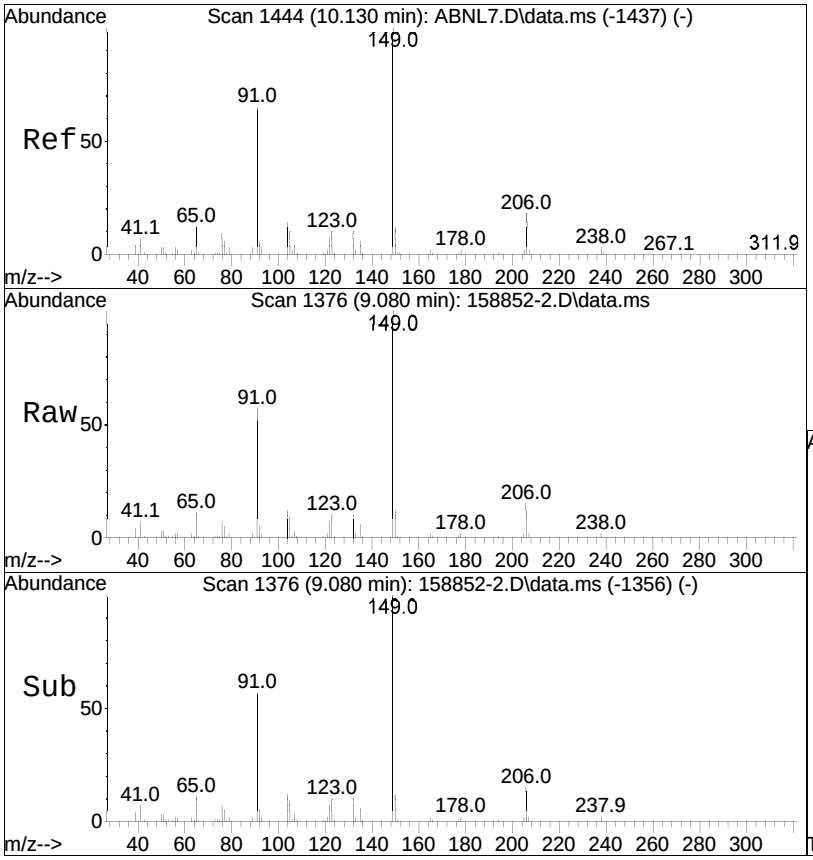


#95
Pyrene
Concen: 24.60 ug/ml
RT: 8.428 min Scan# 1265
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:202 Resp: 539812

Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.5	27.7
203	17.7	15.5	23.3

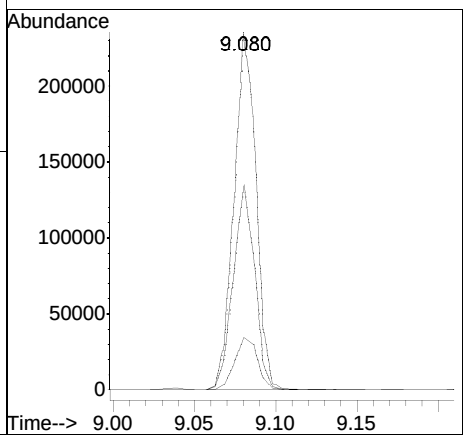


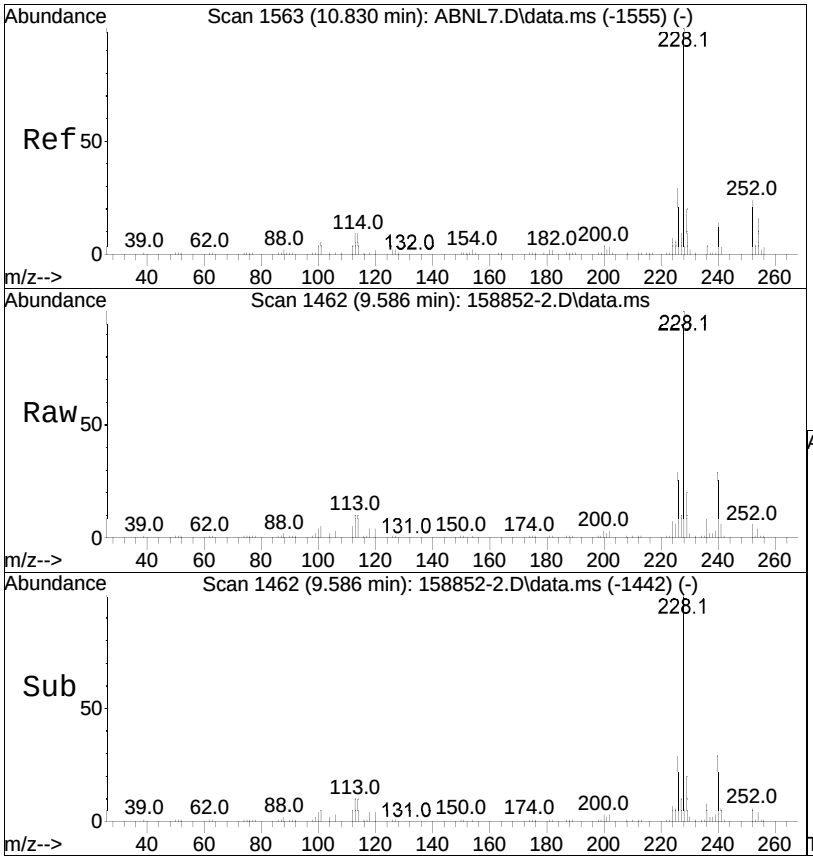


#97
Butyl benzyl phthalate
Concen: 31.07 ug/ml
RT: 9.080 min Scan# 1376
Delta R.T. -0.006 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:149 Resp: 218163

Ion	Ratio	Lower	Upper
149	100		
91	56.1	51.2	76.8
206	15.4	12.1	18.1

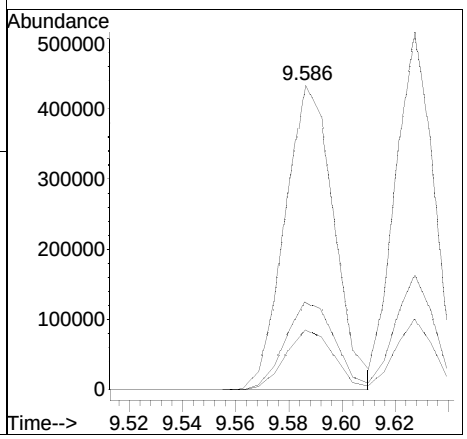


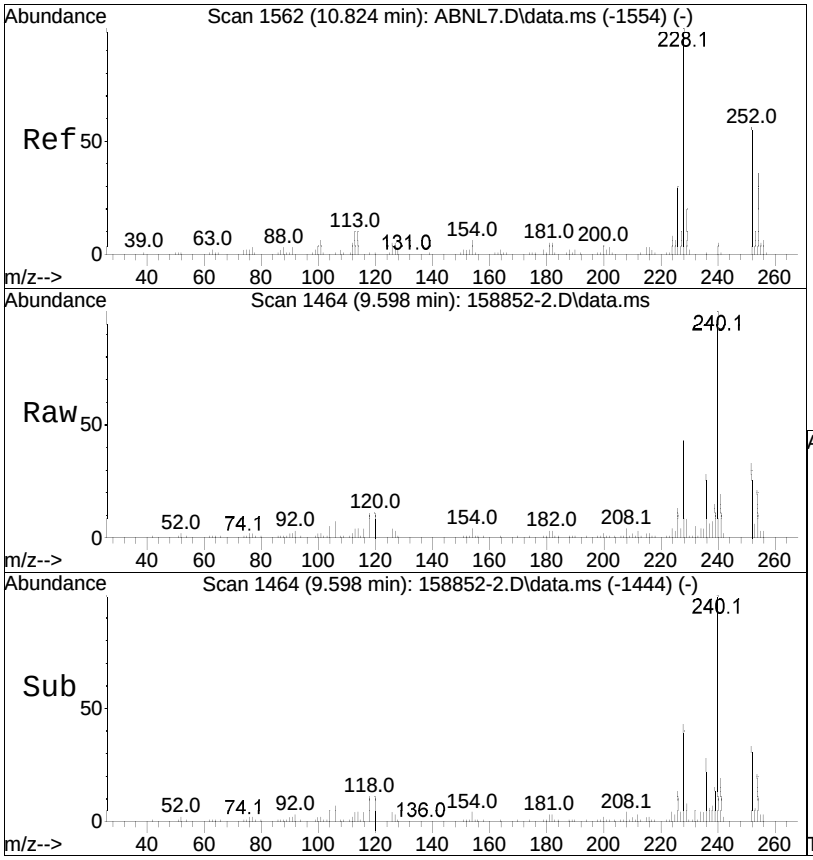


#105
Benzo(a)anthracene
Concen: 25.84 ug/ml
RT: 9.586 min Scan# 1462
Delta R.T. -0.006 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:228 Resp: 554677

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.8	35.8
229	19.6	16.6	24.8

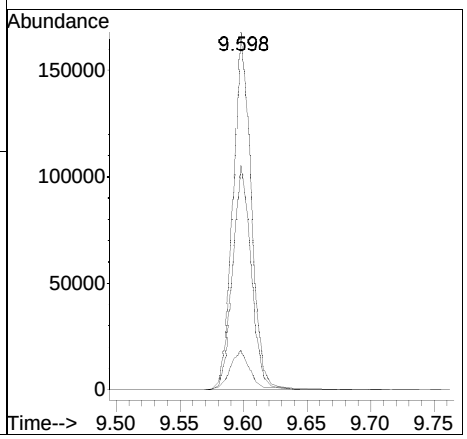


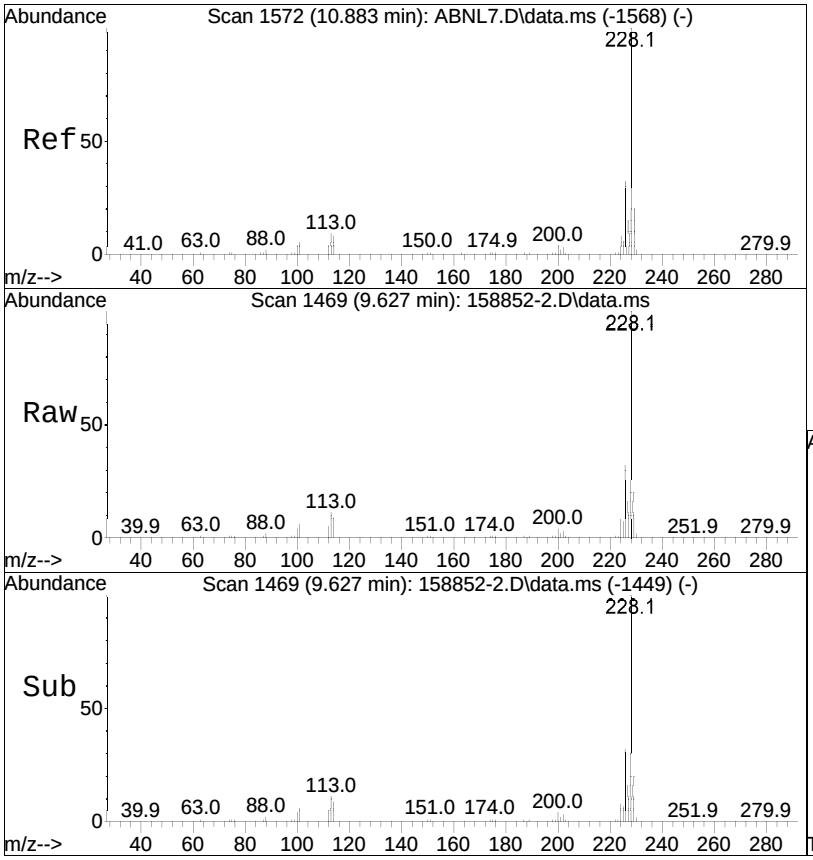


#106
3,3'-Dichlorobenzidine
Concen: 20.98 ug/ml
RT: 9.598 min Scan# 1464
Delta R.T. -0.006 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:252 Resp: 165810

Ion	Ratio	Lower	Upper
252	100		
126	12.6	11.6	17.4
254	64.1	52.2	78.2

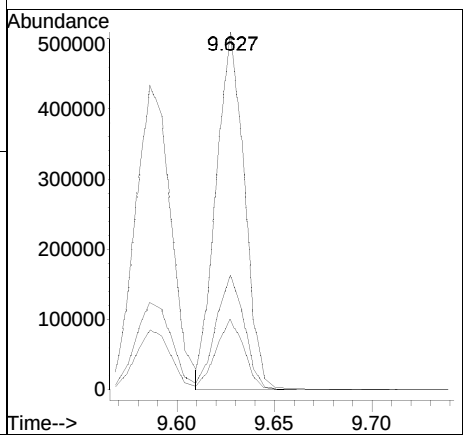


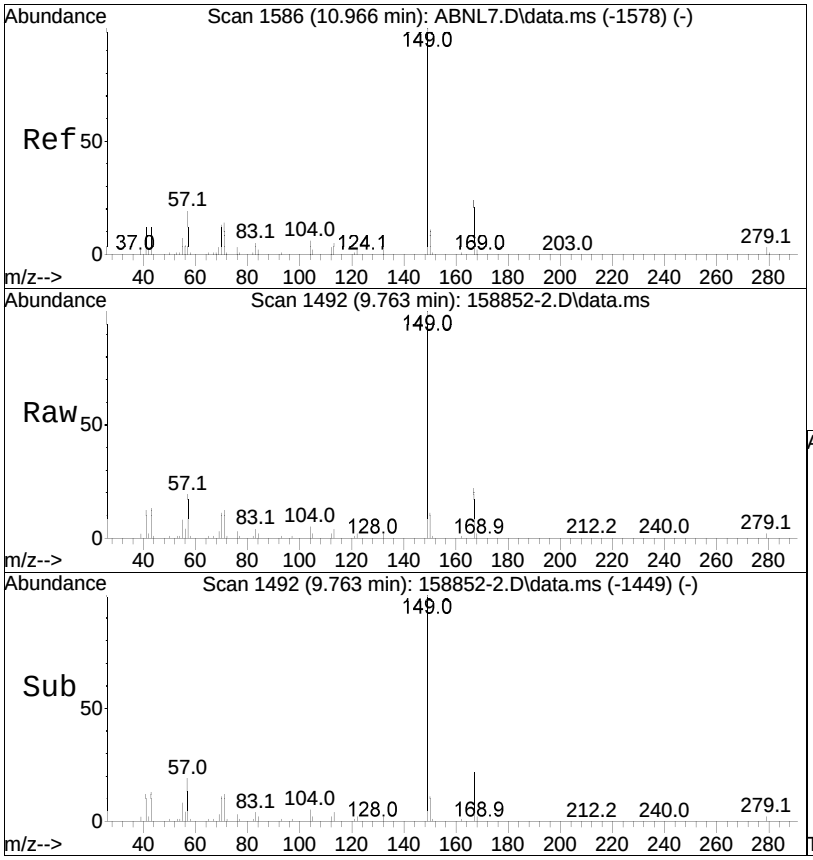


#107
Chrysene
Concen: 26.94 ug/ml
RT: 9.627 min Scan# 1469
Delta R.T. -0.006 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:228 Resp: 515680

Ion	Ratio	Lower	Upper
228	100		
226	32.3	26.2	39.4
229	19.6	16.7	25.1

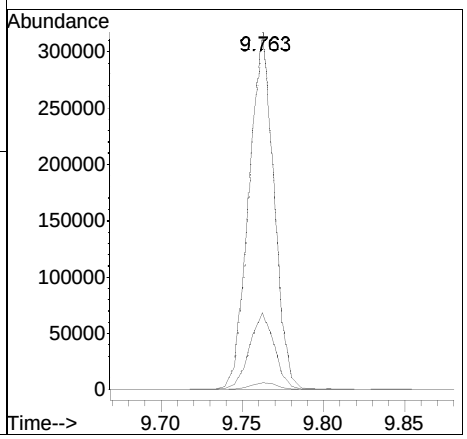


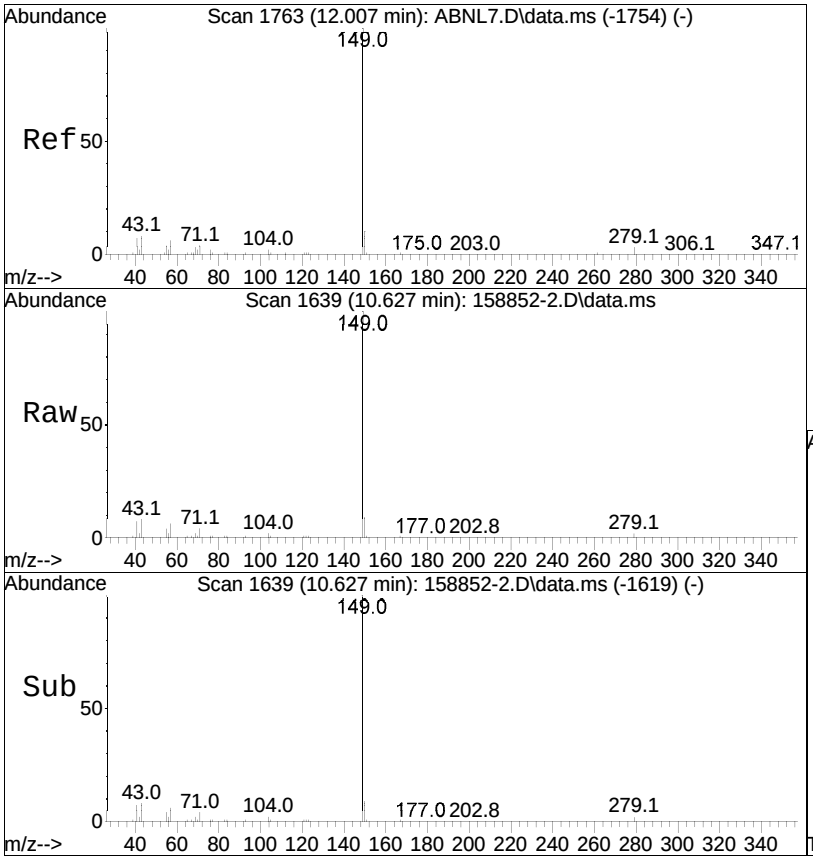


#108
Bis(2-ethylhexyl)phthalate
Concen: 36.24 ug/ml
RT: 9.763 min Scan# 1492
Delta R.T. 0.000 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:149 Resp: 334751

Ion	Ratio	Lower	Upper
149	100		
167	21.6	17.8	26.8
279	1.8	1.8	2.6

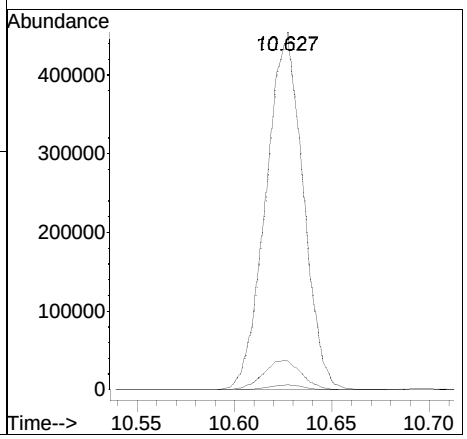


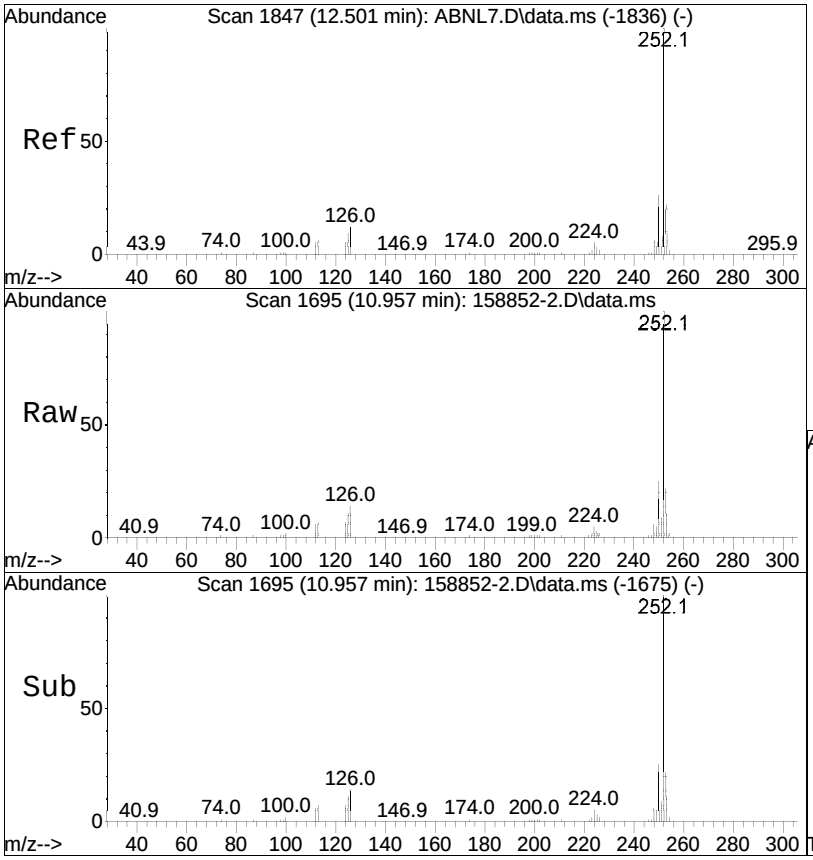


#109
Di-n-octylphthalate
Concen: 37.02 ug/ml
RT: 10.627 min Scan# 1639
Delta R.T. -0.006 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:149 Resp: 596852

Ion	Ratio	Lower	Upper
149	100		
43	8.4	7.4	11.2
167	1.3	1.1	1.7

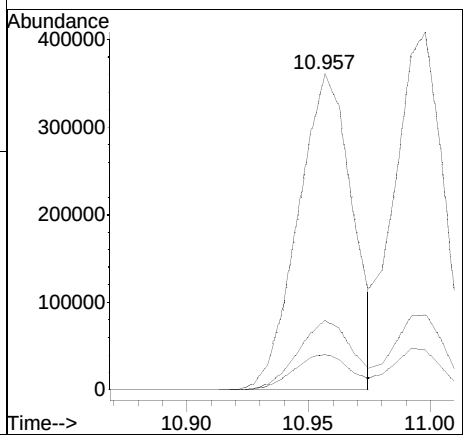


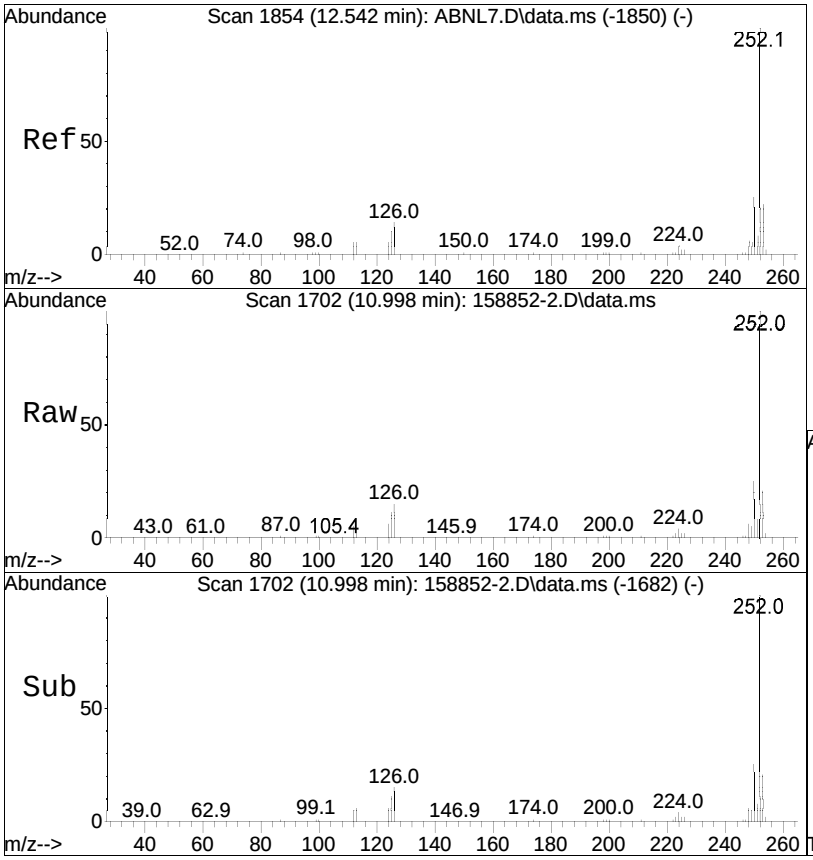


#110
Benzo(b)fluoranthene
Concen: 27.05 ug/ml
RT: 10.957 min Scan# 1695
Delta R.T. -0.006 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:252 Resp: 562512

Ion	Ratio	Lower	Upper
252	100		
125	11.8	11.1	16.7
253	21.9	17.4	26.2

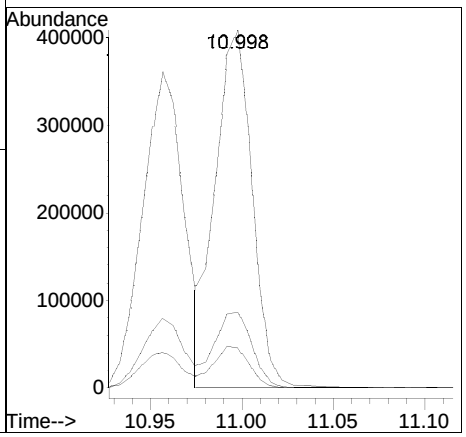


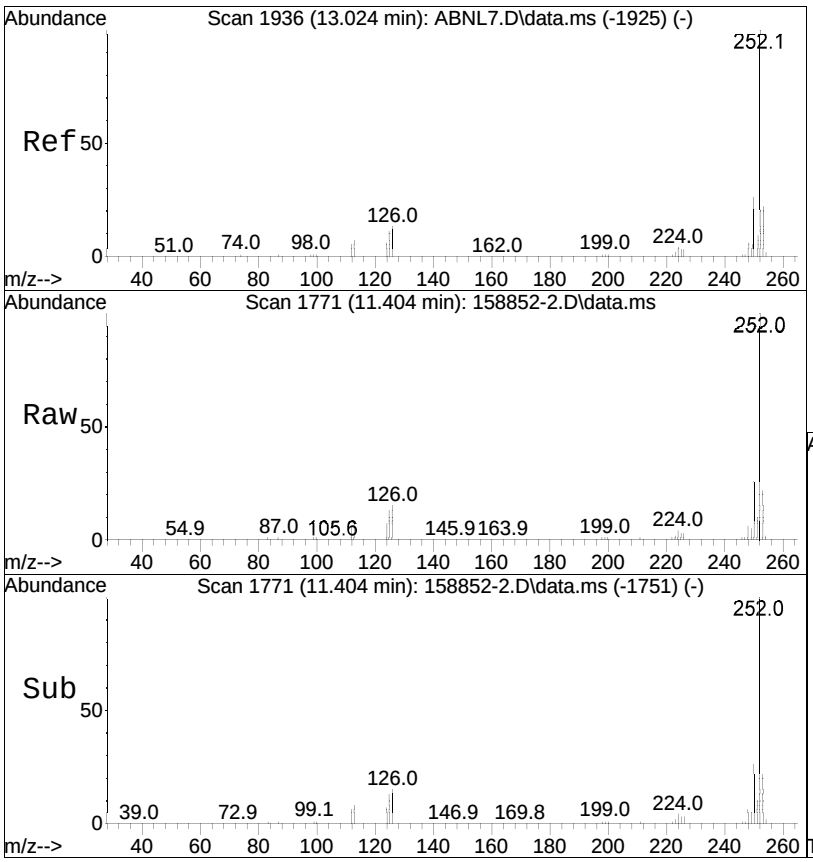


#111
Benzo(k)fluoranthene
Concen: 28.27 ug/ml
RT: 10.998 min Scan# 1702
Delta R.T. -0.006 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:252 Resp: 570259

Ion	Ratio	Lower	Upper
252	100		
125	11.5	12.3	18.5#
253	21.9	19.5	29.3

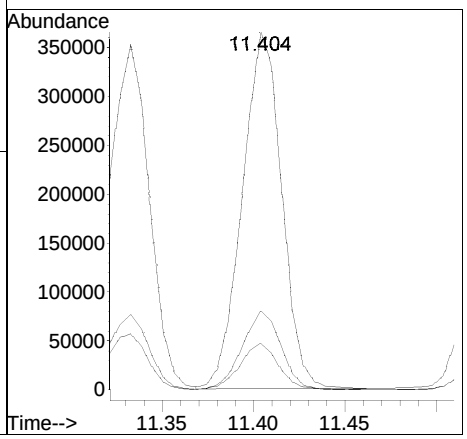


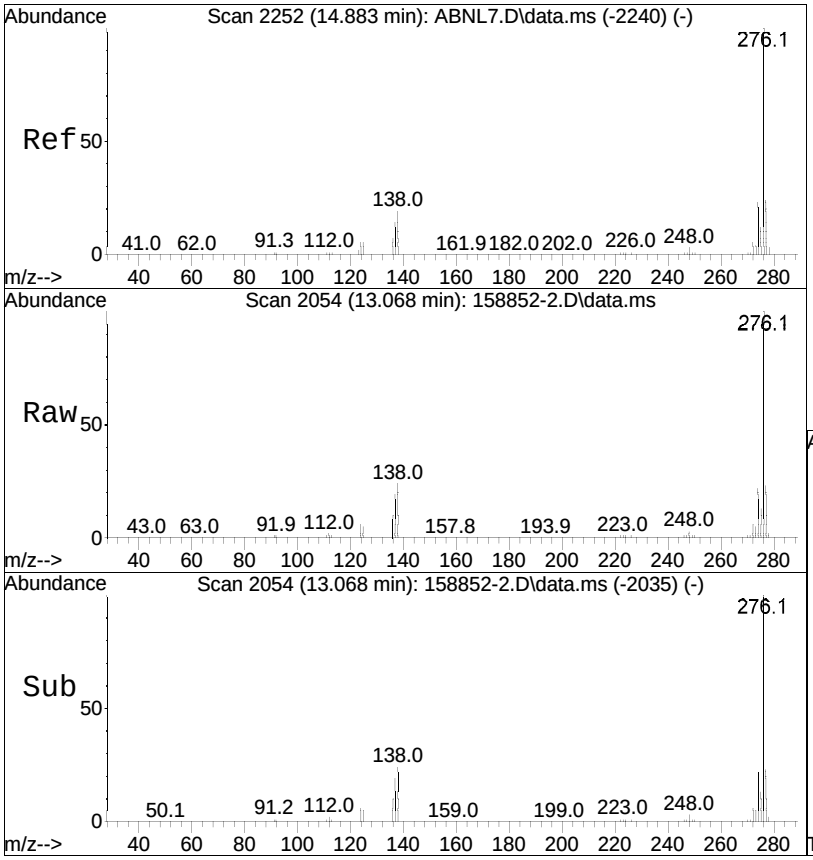


#112
Benzo(a)pyrene
Concen: 27.97 ug/ml
RT: 11.404 min Scan# 1771
Delta R.T. -0.006 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:252 Resp: 545397

Ion	Ratio	Lower	Upper
252	100		
125	12.7	12.6	19.0
253	21.7	18.2	27.4

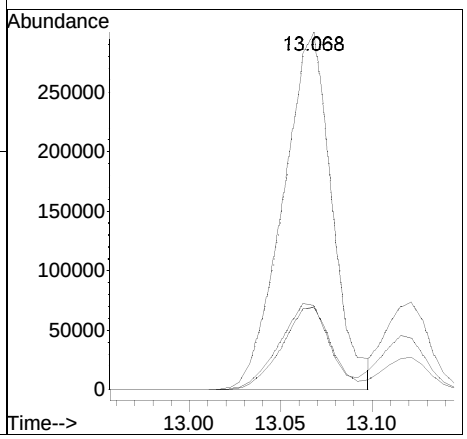


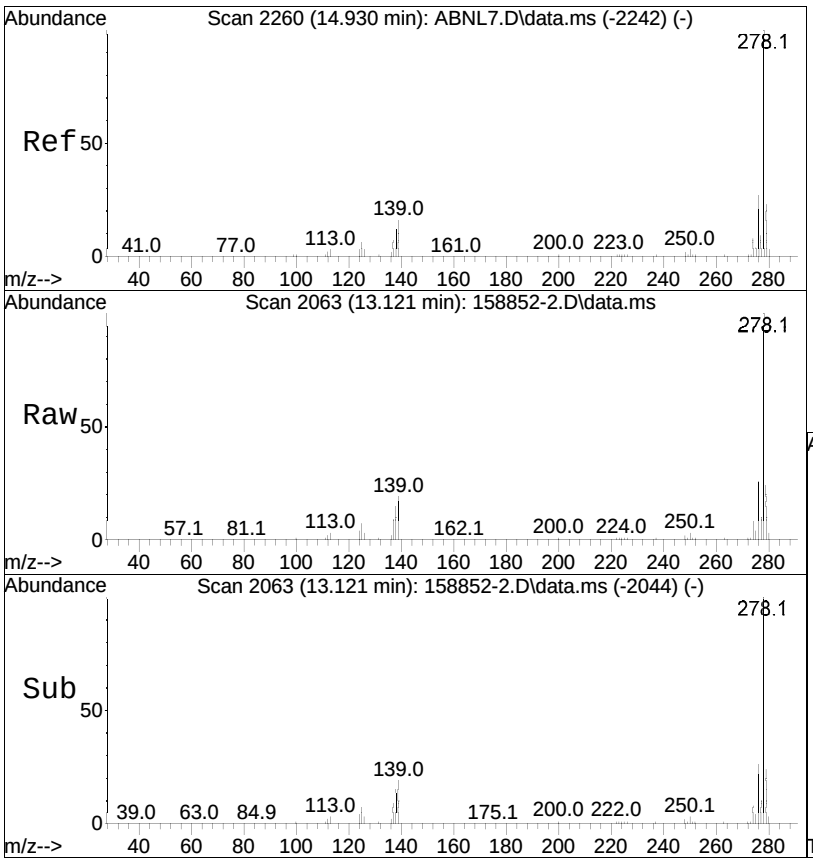


#114
Indeno(1,2,3-cd)pyrene
Concen: 26.30 ug/mL
RT: 13.068 min Scan# 2054
Delta R.T. -0.012 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:276 Resp: 556689

Ion	Ratio	Lower	Upper
276	100		
138	25.1	22.2	33.2
277	23.5	20.1	30.1

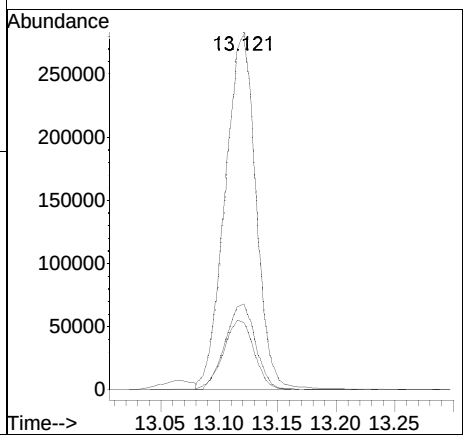


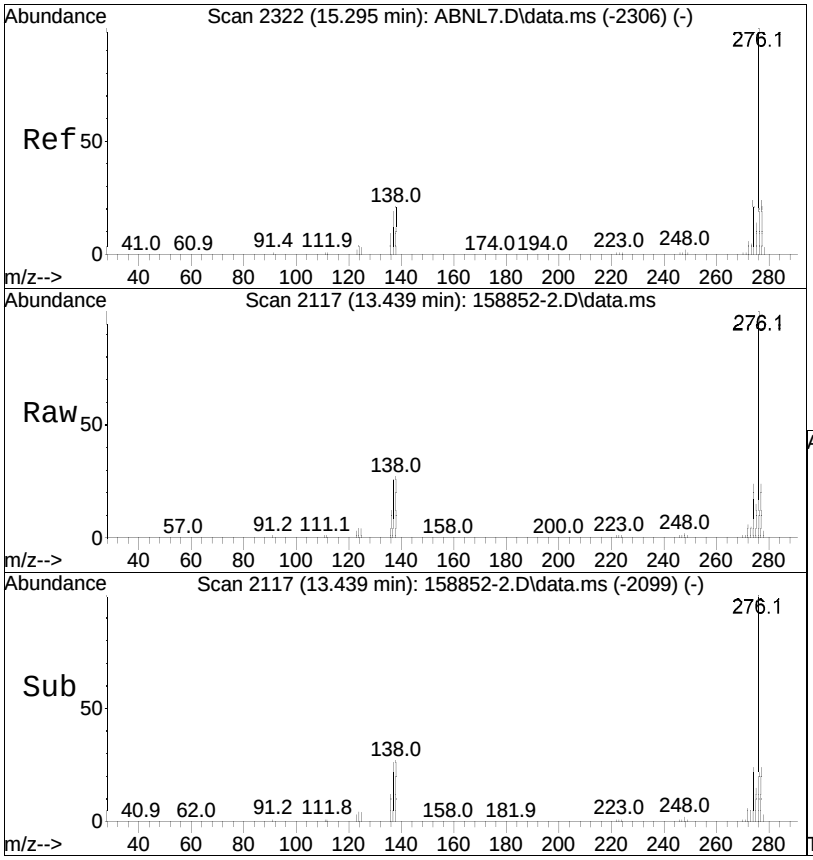


#115
Dibenzo(a,h)anthracene
Concen: 25.45 ug/ml
RT: 13.121 min Scan# 2063
Delta R.T. -0.012 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:278 Resp: 512165

Ion	Ratio	Lower	Upper
278	100		
139	19.6	17.4	26.2
279	24.4	19.7	29.5

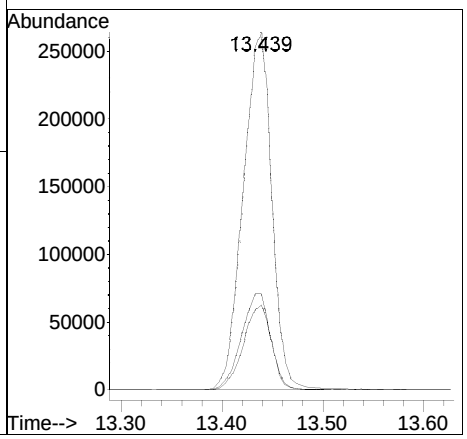




#116
Benzo(ghi)perylene
Concen: 25.22 ug/ml
RT: 13.439 min Scan# 2117
Delta R.T. -0.018 min
Lab File: 158852-2.D
Acq: 27 Dec 2025 10:38 am

Tgt Ion:276 Resp: 515644

Ion	Ratio	Lower	Upper
276	100		
138	27.5	24.2	36.4
277	23.8	19.8	29.6

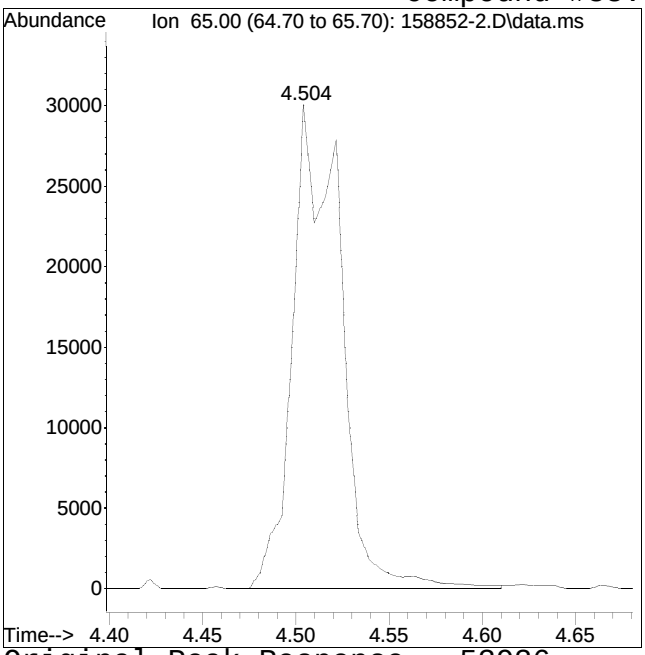


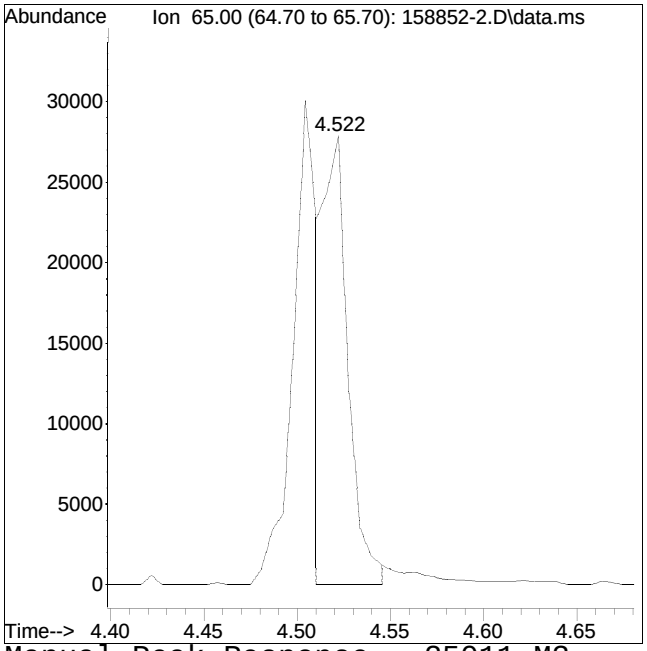
Manual Integration Report

Data Path : I:\8270\Juliet\251227\
Data File : 158852-2.D
Date Inj'd : 12/27/2025 10:38 am
Sample : WG2158852-2,32,,gmr

QMethod : FS250614Juliet.m
Operator : Juliet:smz
Instrument : Juliet
Quant Date : 12/27/2025 10:57 am

Compound #38: 4-Chloroaniline





Original Peak Response = 53936 Manual Peak Response = 25011 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\260103\
Data File : 160343-2.D
Acq On : 3 Jan 2026 9:09 am
Operator : SV103:cmm
Sample : WG2160343-2,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 04 18:22:18 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.429	152	205077	40.000	ug/ml	0.00
Standard Area 1 = 229319			Recovery = 89.43%			
27) IS2_1,4-Dichlorobenzen...	3.429	152	205077	40.000	ug/ml	0.00
Standard Area 3 = 206396			Recovery = 99.36%			
32) IS3_1,4-Dichlorobenzen...	3.429	152	205077	40.000	ug/ml	0.00
Standard Area 2 = 203595			Recovery = 100.73%			
35) IS1_Naphthalene-d8	4.713	136	796650	40.000	ug/ml	0.00
Standard Area 1 = 878891			Recovery = 90.64%			
55) IS2_Naphthalene-d8	4.713	136	796650	40.000	ug/ml	0.00
Standard Area 3 = 813634			Recovery = 97.91%			
63) IS1_Acenaphthene-d10	6.398	164	470615	40.000	ug/ml	0.00
Standard Area 1 = 498403			Recovery = 94.42%			
83) IS2_Acenaphthene-d10	6.398	164	470615	40.000	ug/ml	0.00
Standard Area 3 = 466338			Recovery = 100.92%			
86) IS3_Acenaphthene-d10	6.398	164	470615	40.000	ug/ml	0.00
Standard Area 2 = 454716			Recovery = 103.50%			
88) IS1_Phenanthrene-d10	7.796	188	916199	40.000	ug/ml	0.00
Standard Area 1 = 991330			Recovery = 92.42%			
100) IS3_Phenanthrene-d10	7.796	188	916199	40.000	ug/ml	0.00
Standard Area 2 = 916227			Recovery = 100.00%			
104) IS1_Chrysene-d12	10.305	240	840156	40.000	ug/ml	0.00
Standard Area 1 = 937828			Recovery = 89.59%			
113) IS1_Perylene-d12	11.751	264	973560	40.000	ug/ml	0.00
Standard Area 1 = 1017246			Recovery = 95.71%			
System Monitoring Compounds						
4) 2-Fluorophenol	1.923	112	239607	40.699	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 81.40%			
7) Phenol-d6	3.182	99	309805	42.849	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 85.70%			
19) Nitrobenzene-d5	4.026	82	140569	23.281	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.12%			
46) 2-Fluorobiphenyl	5.807	172	309004	18.596	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 74.38%			
79) 2,4,6-Tribromophenol	7.157	330	100360	42.415	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 84.83%			

Data Path : I:\8270\SV103\260103\
Data File : 160343-2.D
Acq On : 3 Jan 2026 9:09 am
Operator : SV103:cmm
Sample : WG2160343-2,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 04 18:22:18 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	9.370	244	420743	18.413	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 73.65%

Target Compounds						Qvalue
6) 2-Chlorophenol	3.213	128	225296	34.336	ug/ml	99
8) Phenol	3.196	94	288534	33.633	ug/ml#	94
9) Bis(2-chloroethyl)ether	3.221	93	200518	32.110	ug/ml#	57
14) Bis(2-chloroisopropyl)...	3.795	45	378871	43.483	ug/ml#	73
15) 2-Methylphenol	3.830	108	206033	35.857	ug/ml	99
16) Hexachloroethane	3.926	117	91317	32.091	ug/ml#	77
17) n-Nitrosodi-n-propylamine	3.932	70	168381	37.506	ug/ml	97
18) 3-Methylphenol/4-Methy...	3.994	108	231259	37.862	ug/ml#	55
20) Nitrobenzene	4.043	77	236182	37.302	ug/ml	99
21) Isophorone	4.307	82	440773	36.101	ug/ml	98
22) 2-Nitrophenol	4.367	139	119743	41.635	ug/ml	95
23) 2,4-Dimethylphenol	4.506	107	227998	35.319	ug/ml	98
24) Bis(2-chloroethoxy)met...	4.583	93	270563	33.874	ug/ml#	97
25) 2,4-Dichlorophenol	4.631	162	211477	36.060	ug/ml	96
28) Benzaldehyde	2.952	105	153768	29.222	ug/ml	92
29) Acetophenone	3.889	105	331831	36.674	ug/ml#	91
36) Naphthalene	4.730	128	638381	30.788	ug/ml	100
38) 4-Chloroaniline	4.847	65	76797	30.056	ug/ml#	25
39) Hexachlorobutadiene	4.889	225	125194	27.789	ug/ml	99
40) p-Chloro-m-cresol	5.398	107	207703	36.315	ug/ml	94
41) 2-Methylnaphthalene	5.418	142	407717	31.394	ug/ml	94
43) Hexachlorocyclopentadiene	5.580	237	121648	26.942	ug/ml	96
44) 2,4,6-Trichlorophenol	5.733	196	156303	35.682	ug/ml	95
45) 2,4,5-Trichlorophenol	5.770	196	172063	35.732	ug/ml	99
47) 2-Chloronaphthalene	5.875	162	449574	31.637	ug/ml	100
48) 2-Nitroaniline	6.020	138	152322	39.059	ug/ml	95
51) Dimethyl phthalate	6.248	163	550657	33.078	ug/ml	99
52) Acenaphthylene	6.256	152	748402	33.751	ug/ml	99
53) 2,6-Dinitrotoluene	6.285	165	115302	38.490	ug/ml	92
60) Caprolactam	5.191	55	139389	50.194	ug/ml#	77
61) 1,2,4,5-Tetrachloroben...	5.586	216	232258	30.920	ug/ml	99
62) Biphenyl	5.887	154	562102	33.004	ug/ml	99
64) 3-Nitroaniline	6.421	138	72131	19.226	ug/ml	93

Data Path : I:\8270\SV103\260103\
Data File : 160343-2.D
Acq On : 3 Jan 2026 9:09 am
Operator : SV103:cmm
Sample : WG2160343-2,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 04 18:22:18 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Acenaphthene	6.427	154	399588	30.351	ug/ml	94
66) 2,4-Dinitrophenol	6.546	184	70275	41.488	ug/ml	87
67) Dibenzofuran	6.600	168	652595	30.295	ug/ml	92
68) 2,4-Dinitrotoluene	6.665	165	163779	38.091	ug/ml#	82
69) 4-Nitrophenol	6.674	65	100572	38.015	ug/ml	96
71) 2,3,4,6-Tetrachlorophenol	6.753	232	138525	33.644	ug/ml	99
72) Diethyl phthalate	6.930	149	566638	33.538	ug/ml	99
73) Fluorene	6.921	166	530622	31.565	ug/ml	98
74) 4-Chlorophenyl phenyl ...	6.967	204	249545	29.203	ug/ml#	88
75) 4-Nitroaniline	7.003	138	123970	35.369	ug/ml	92
76) 4,6-Dinitro-o-cresol	7.052	198	99217	45.364	ug/ml#	83
77) NDPA/DPA	7.097	169	440836	30.777	ug/ml	96
80) 4-Bromophenyl phenyl e...	7.421	248	160958	29.671	ug/ml#	90
81) Hexachlorobenzene	7.438	284	189436	30.127	ug/ml#	89
82) Pentachlorophenol	7.657	266	103098	27.817	ug/ml	99
87) Atrazine	7.663	200	176623	40.677	ug/ml#	89
89) Phenanthrene	7.816	178	782994	30.630	ug/ml	98
90) Anthracene	7.864	178	803449	31.673	ug/ml	98
91) Carbazole	8.060	167	770891	33.524	ug/ml	99
92) Di-n-butylphthalate	8.498	149	981449	37.742	ug/ml	99
93) Fluoranthene	8.936	202	927204	32.369	ug/ml	97
95) Pyrene	9.137	202	961986	31.811	ug/ml	99
97) Butyl benzyl phthalate	9.905	149	457011	39.635	ug/ml	94
105) Benzo(a)anthracene	10.297	228	968261	34.806	ug/ml	98
106) 3,3'-Dichlorobenzidine	10.331	252	202172	19.480	ug/ml#	96
107) Chrysene	10.328	228	870973	33.273	ug/ml	98
108) Bis(2-ethylhexyl)phtha...	10.521	149	664677	44.373	ug/ml#	98
109) Di-n-octylphthalate	11.203	149	1158274	39.145	ug/ml	96
110) Benzo(b)fluoranthene	11.368	252	967158	35.750	ug/ml#	97
111) Benzo(k)fluoranthene	11.399	252	881815	33.393	ug/ml	98
112) Benzo(a)pyrene	11.689	252	882966	35.215	ug/ml	96
114) Indeno(1,2,3-cd)pyrene	12.831	276	888927	34.046	ug/mL	96
115) Dibenzo(a,h)anthracene	12.874	278	870254	33.134	ug/ml	96
116) Benzo(ghi)perylene	13.076	276	831102	32.018	ug/ml#	92

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

Data Path : I:\8270\SV103\260103\
Data File : 160343-2.D
Acq On : 3 Jan 2026 9:09 am
Operator : SV103:cmm
Sample : WG2160343-2,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 04 18:22:18 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\260103\
Data File : 160343-2.D
Acq On : 3 Jan 2026 9:09 am
Operator : SV103:cmm
Sample : WG2160343-2,32,,gmr
Misc : WG2161293,WG2160343,ical22827
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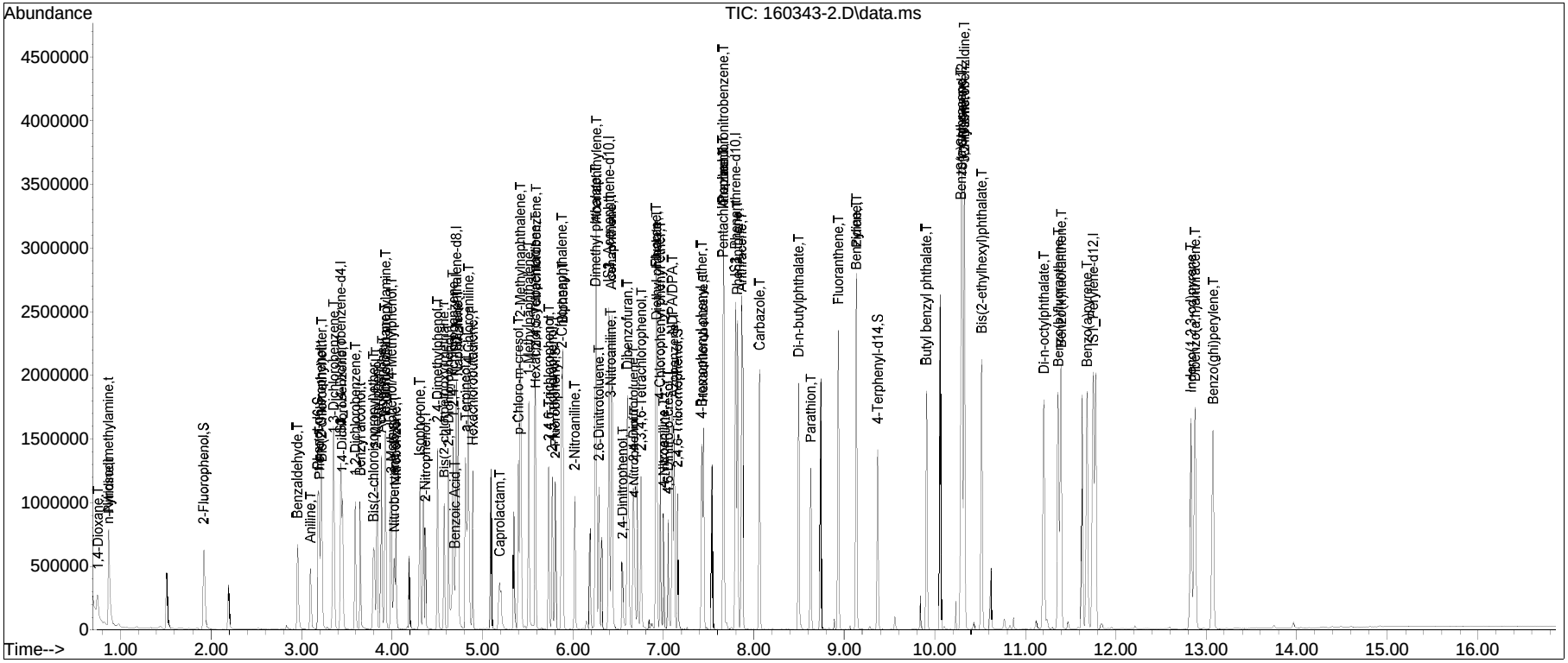
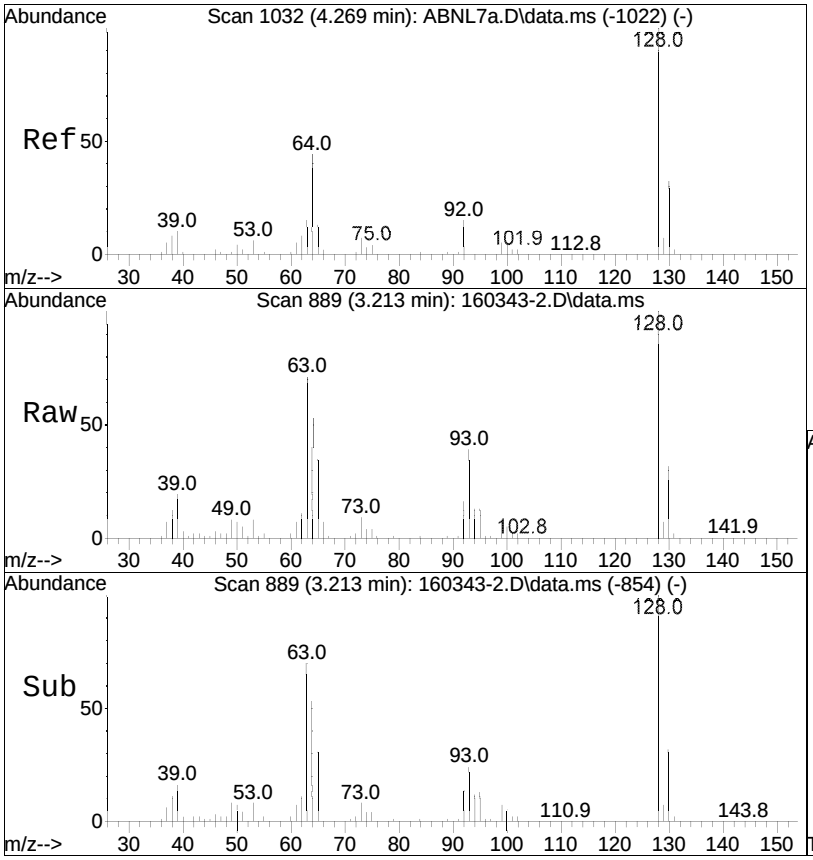
Quant Time: Jan 04 18:22:18 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MA\AP90103.D•

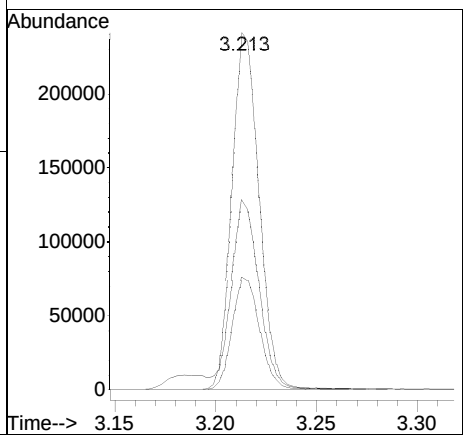


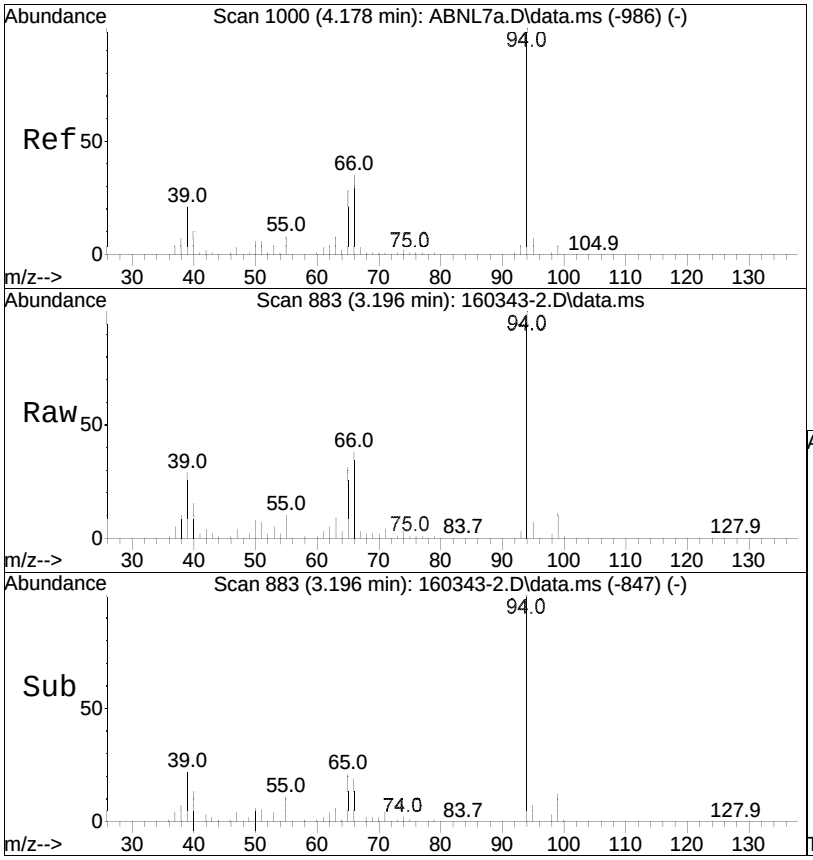


#6
2-Chlorophenol
Concen: 34.34 ug/ml
RT: 3.213 min Scan# 889
Delta R.T. 0.000 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:128 Resp: 225296

Ion	Ratio	Lower	Upper
128	100		
64	54.2	42.7	64.1
130	31.9	25.8	38.6

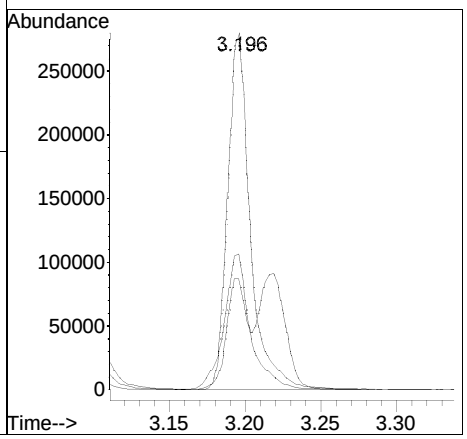


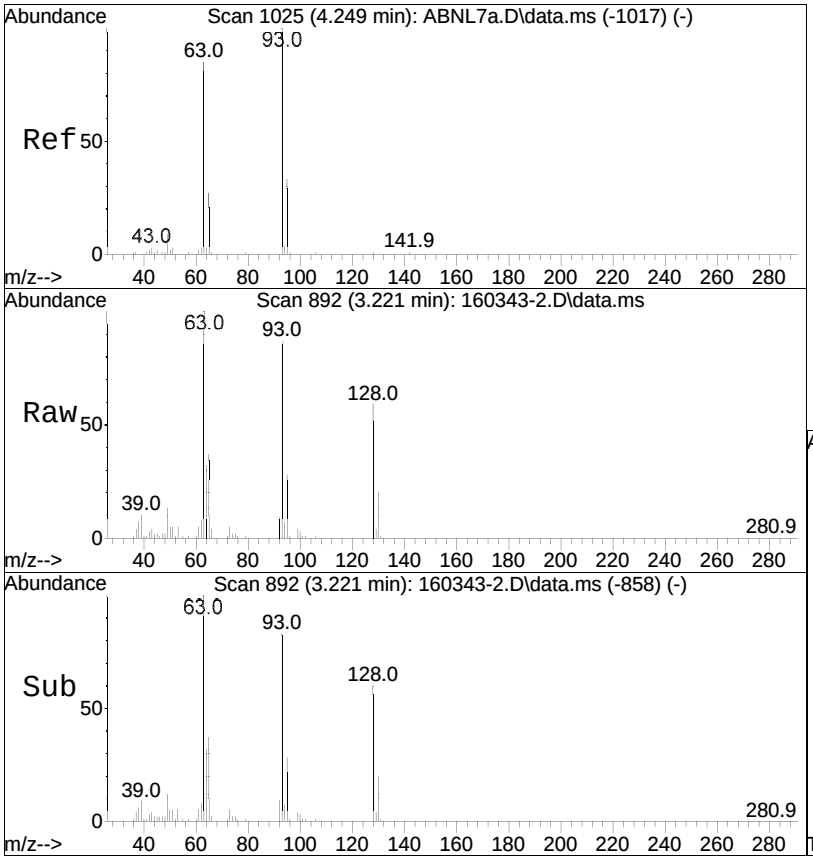


#8
Phenol
Concen: 33.63 ug/ml
RT: 3.196 min Scan# 883
Delta R.T. 0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion: 94 Resp: 288534

Ion	Ratio	Lower	Upper
94	100		
65	28.9	20.5	30.7
66	44.0	0.0	0.0#

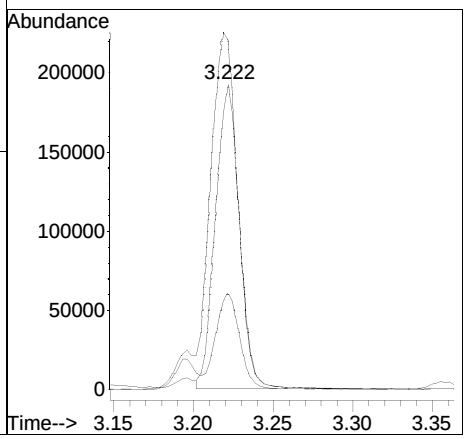


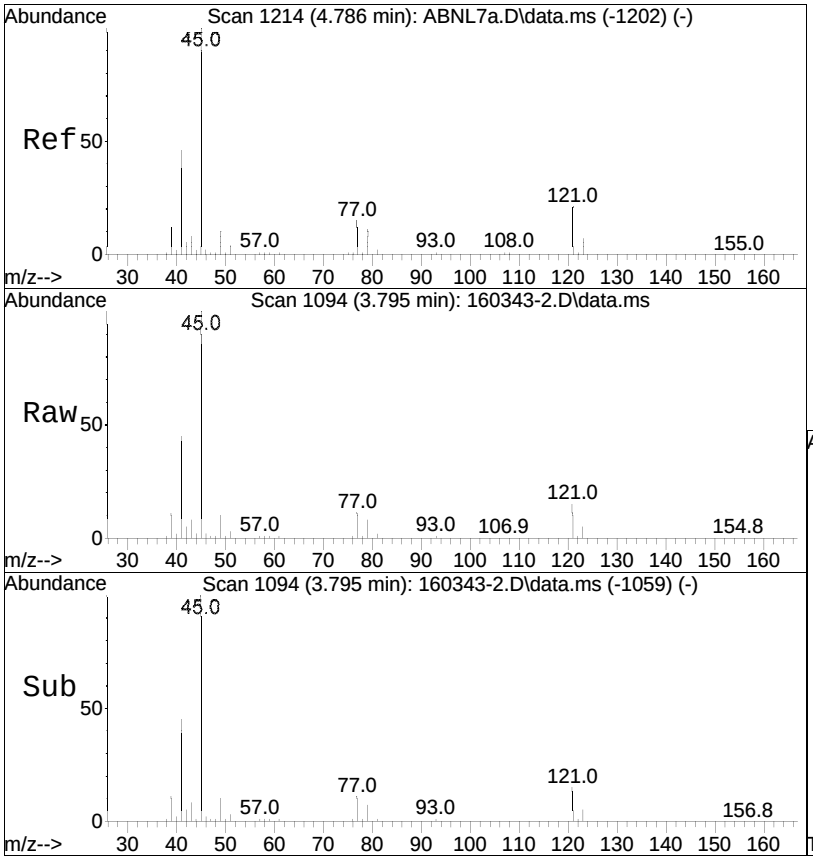


#9
Bis(2-chloroethyl)ether
Concen: 32.11 ug/ml
RT: 3.221 min Scan# 892
Delta R.T. -0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion: 93 Resp: 200518

Ion	Ratio	Lower	Upper
93	100		
63	142.6	70.4	105.6#
95	31.8	25.8	38.6

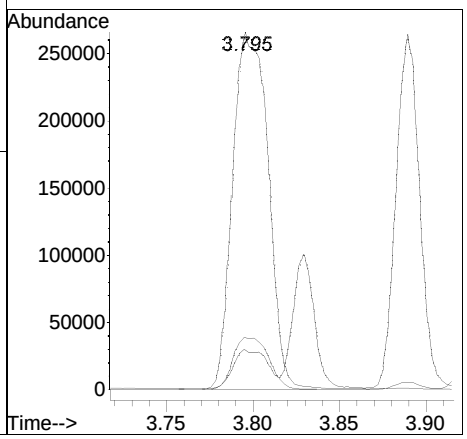


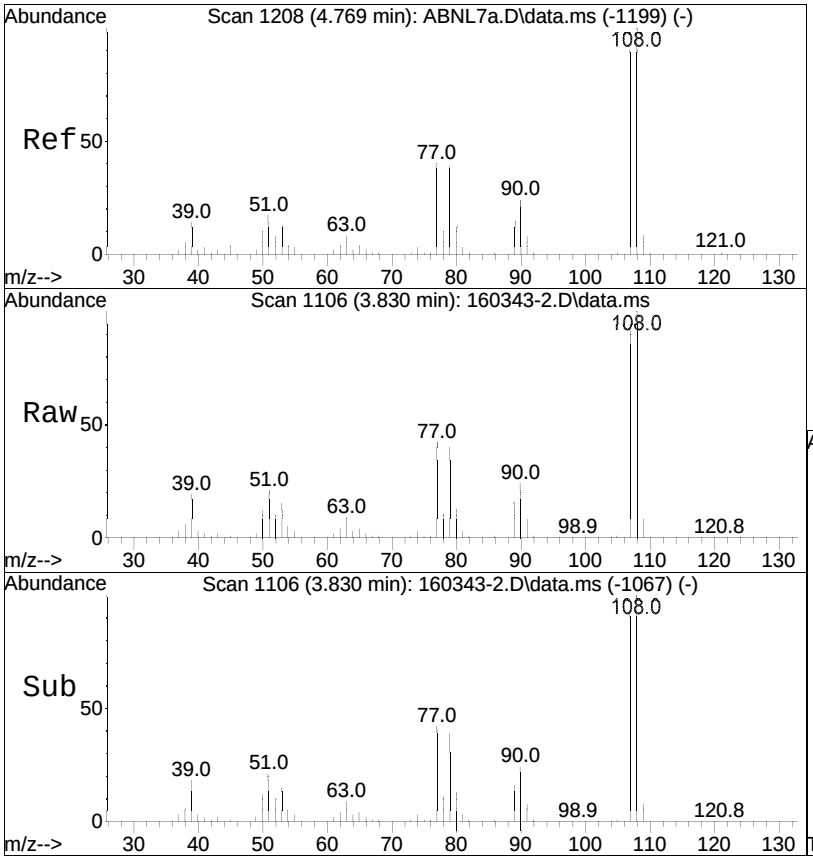


#14
Bis(2-chloroisopropyl)ether
Concen: 43.48 ug/ml
RT: 3.795 min Scan# 1094
Delta R.T. 0.000 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion: 45 Resp: 378871

Ion	Ratio	Lower	Upper
45	100		
121	14.6	12.6	19.0
77	10.8	26.4	39.6#

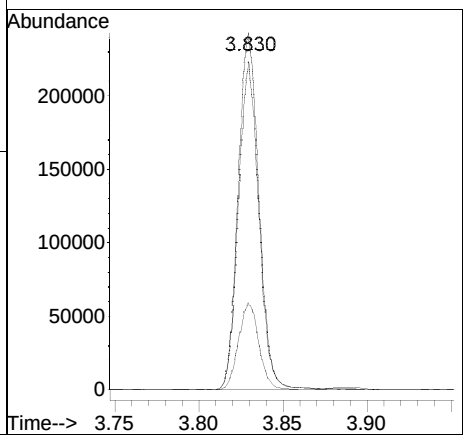


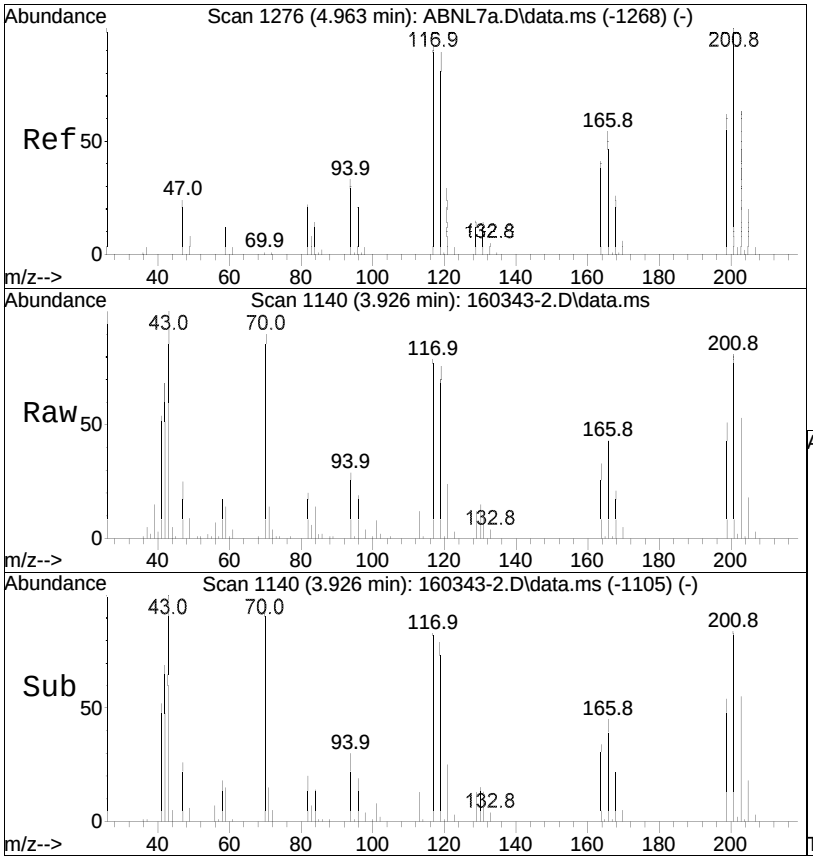


#15
2-Methylphenol
Concen: 35.86 ug/ml
RT: 3.830 min Scan# 1106
Delta R.T. 0.011 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:108 Resp: 206033

Ion	Ratio	Lower	Upper
108	100		
107	90.6	72.8	109.2
90	24.5	20.2	30.4

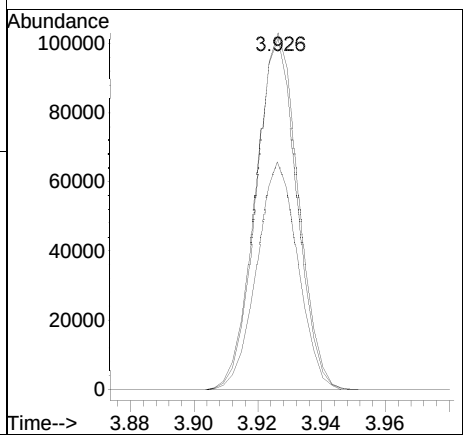


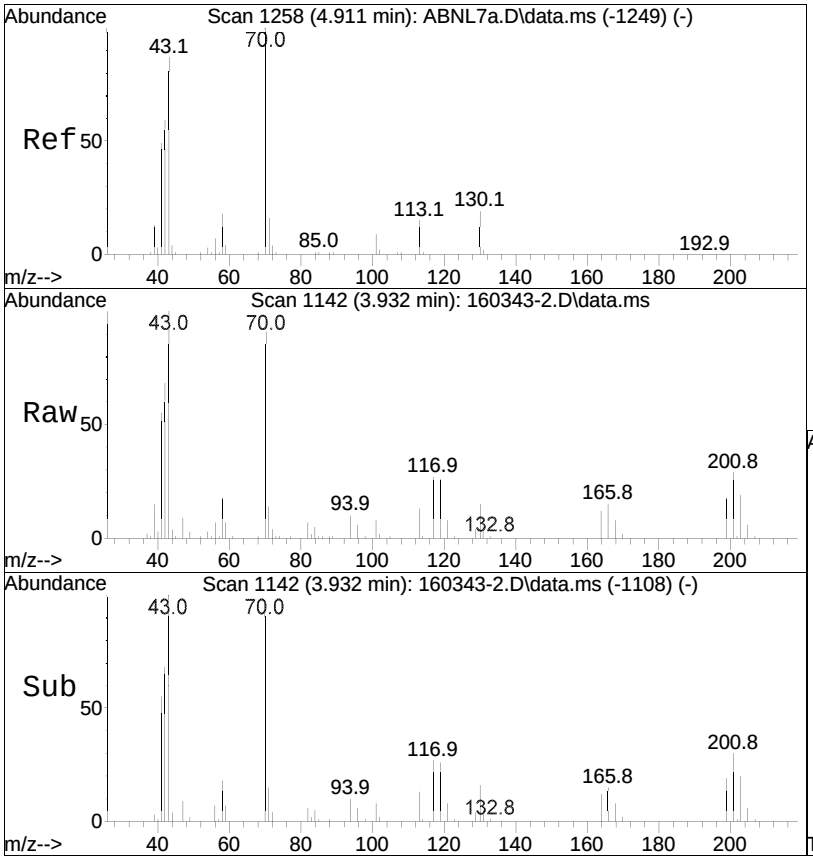


#16
Hexachloroethane
Concen: 32.09 ug/ml
RT: 3.926 min Scan# 1140
Delta R.T. -0.000 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:117 Resp: 91317

Ion	Ratio	Lower	Upper
117	100		
201	102.3	64.5	96.7#
199	64.2	40.3	60.5#

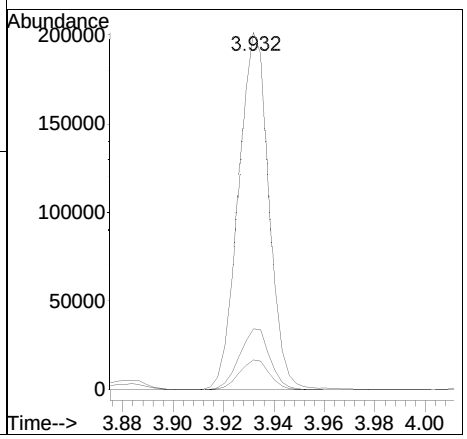


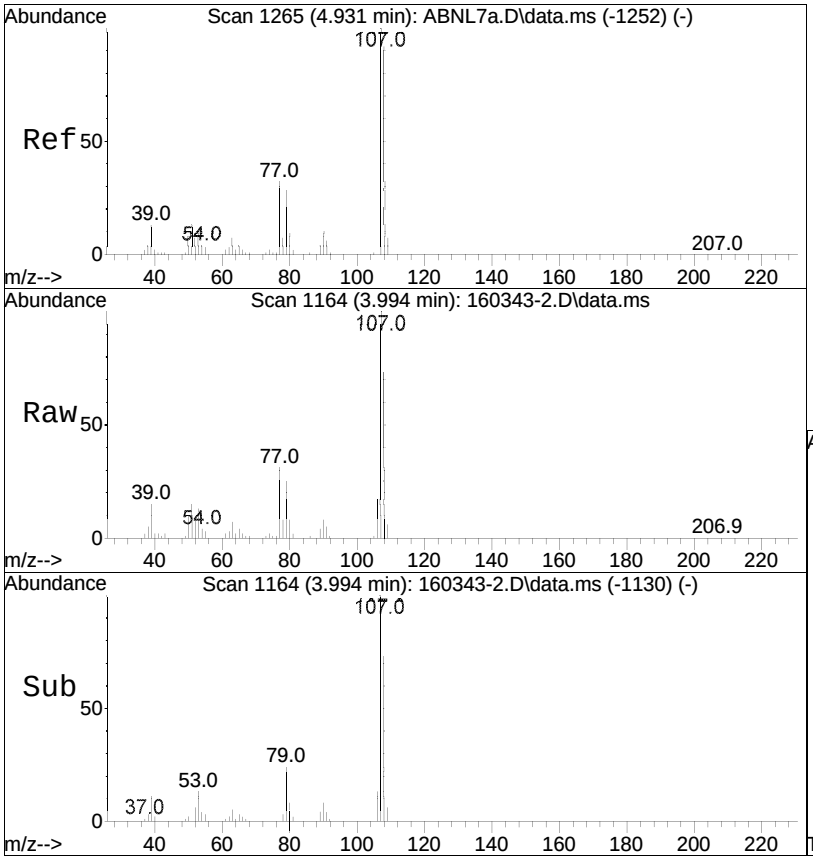


#17
n-Nitrosodi-n-propylamine
Concen: 37.51 ug/ml
RT: 3.932 min Scan# 1142
Delta R.T. -0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion: 70 Resp: 168381

Ion	Ratio	Lower	Upper
70	100		
130	17.0	15.0	22.4
101	8.3	7.4	11.0

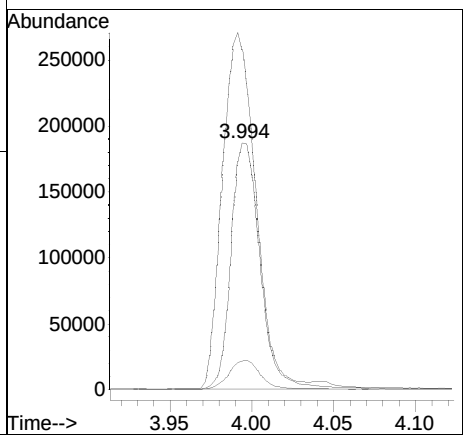


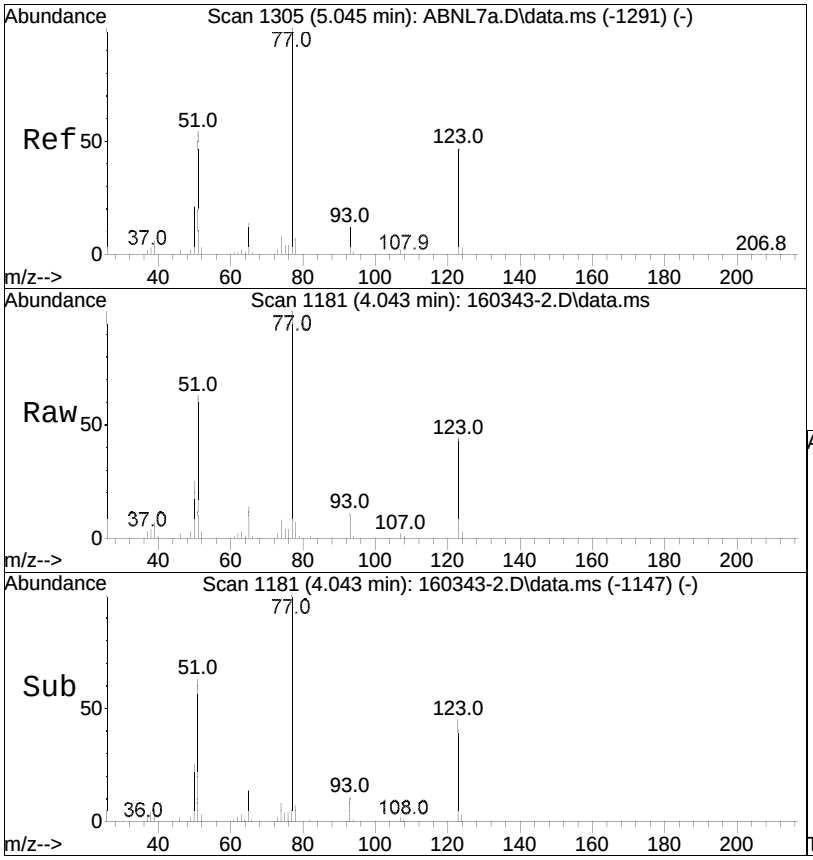


#18
3-Methylphenol/4-Methylphenol
Concen: 37.86 ug/ml
RT: 3.994 min Scan# 1164
Delta R.T. -0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:108 Resp: 231259

Ion	Ratio	Lower	Upper
108	100		
107	165.3	90.4	135.6#
90	12.9	9.2	13.8

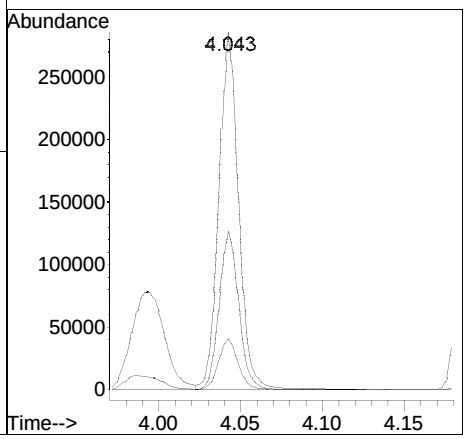


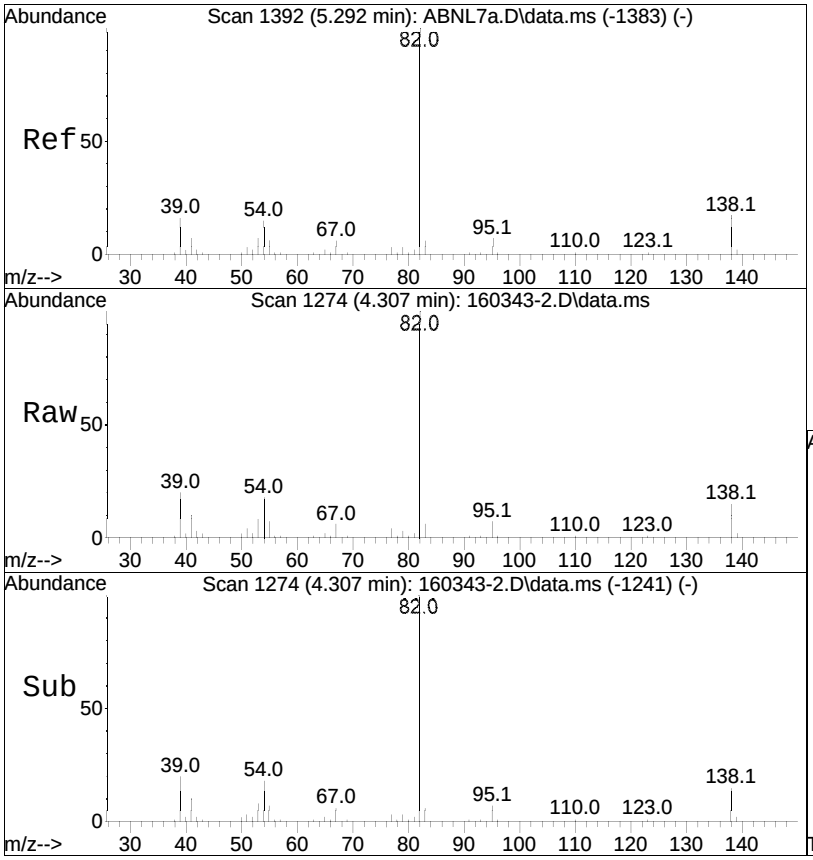


#20
Nitrobenzene
Concen: 37.30 ug/ml
RT: 4.043 min Scan# 1181
Delta R.T. -0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion: 77 Resp: 236182

Ion	Ratio	Lower	Upper
77	100		
123	44.6	35.0	52.4
65	14.5	11.5	17.3

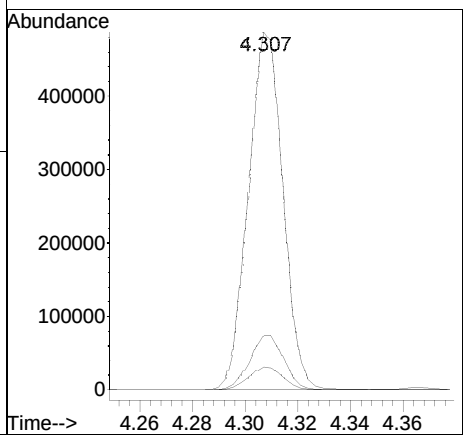


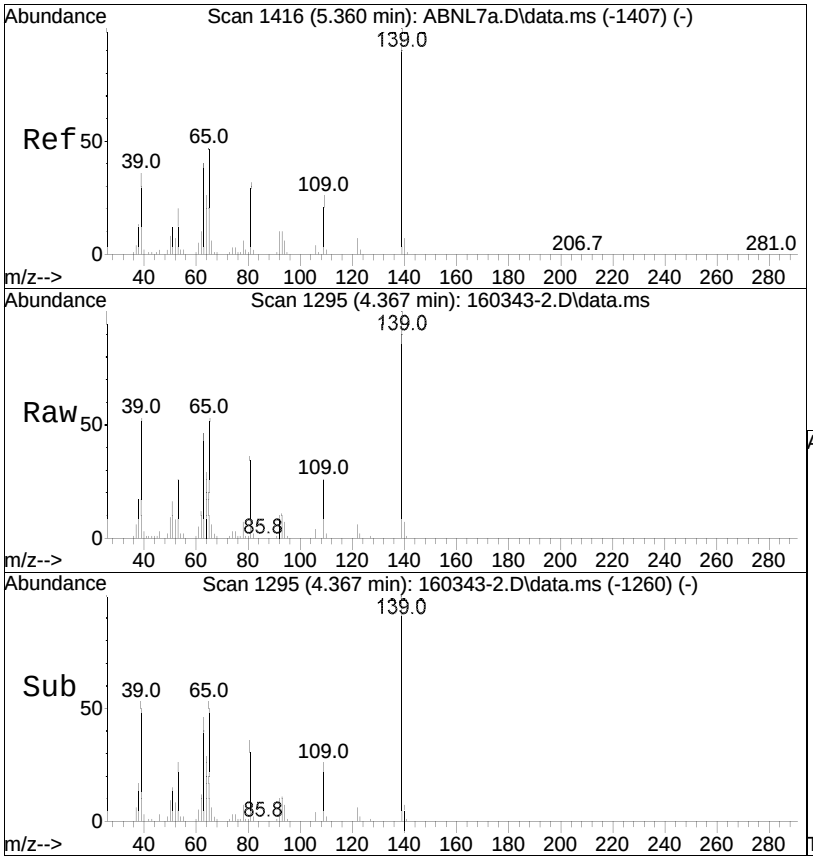


#21
Isophorone
Concen: 36.10 ug/ml
RT: 4.307 min Scan# 1274
Delta R.T. -0.006 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion: 82 Resp: 440773

Ion	Ratio	Lower	Upper
82	100		
138	15.1	12.8	19.2
95	6.5	5.5	8.3

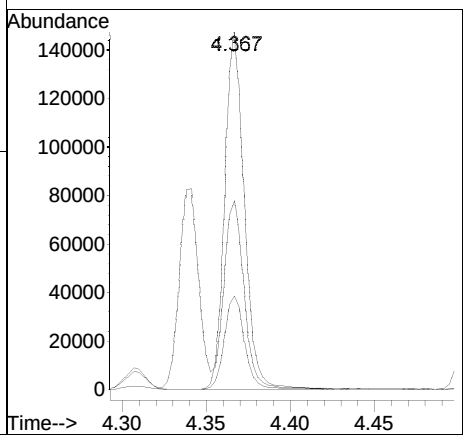


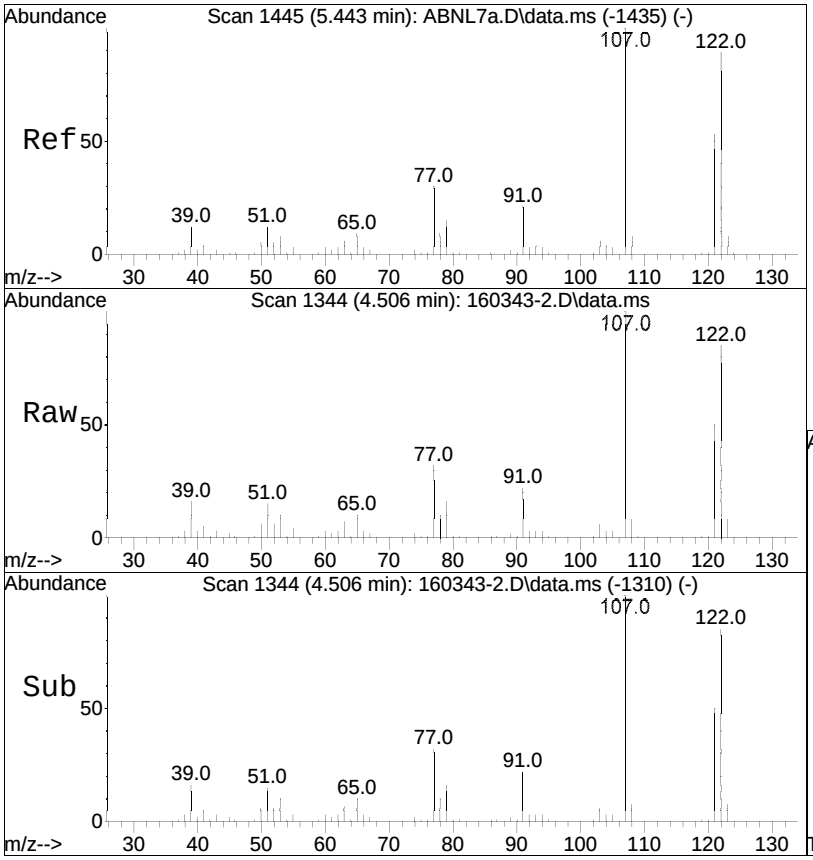


#22
2-Nitrophenol
Concen: 41.64 ug/ml
RT: 4.367 min Scan# 1295
Delta R.T. 0.000 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:139 Resp: 119743

Ion	Ratio	Lower	Upper
139	100		
109	26.9	24.8	37.2
65	53.8	45.5	68.3

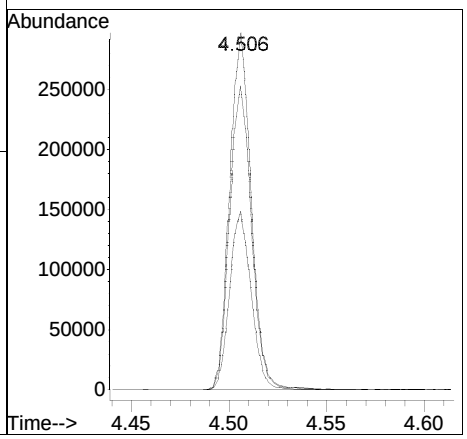


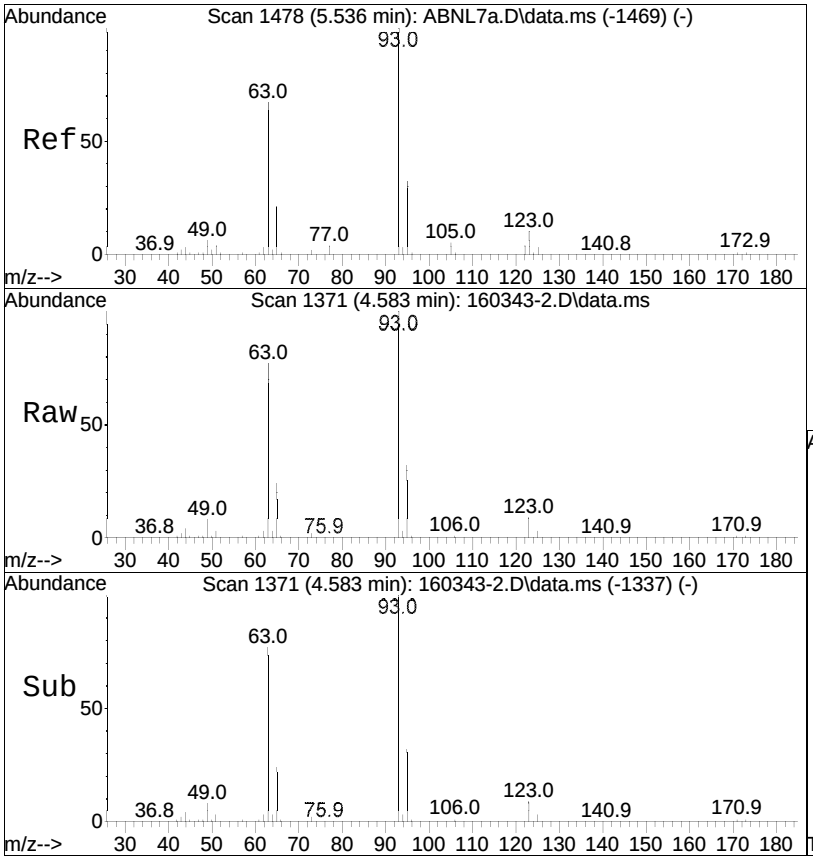


#23
2,4-Dimethylphenol
Concen: 35.32 ug/ml
RT: 4.506 min Scan# 1344
Delta R.T. -0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:107 Resp: 227998

Ion	Ratio	Lower	Upper
107	100		
121	50.3	39.7	59.5
122	86.4	66.8	100.2

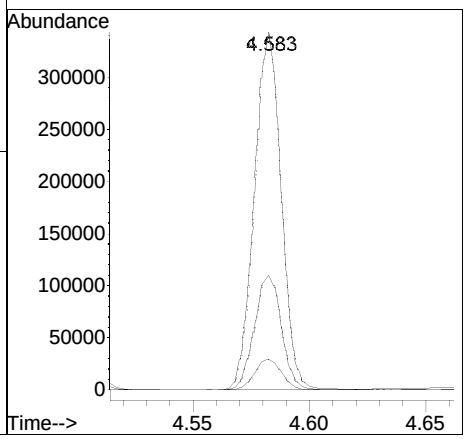


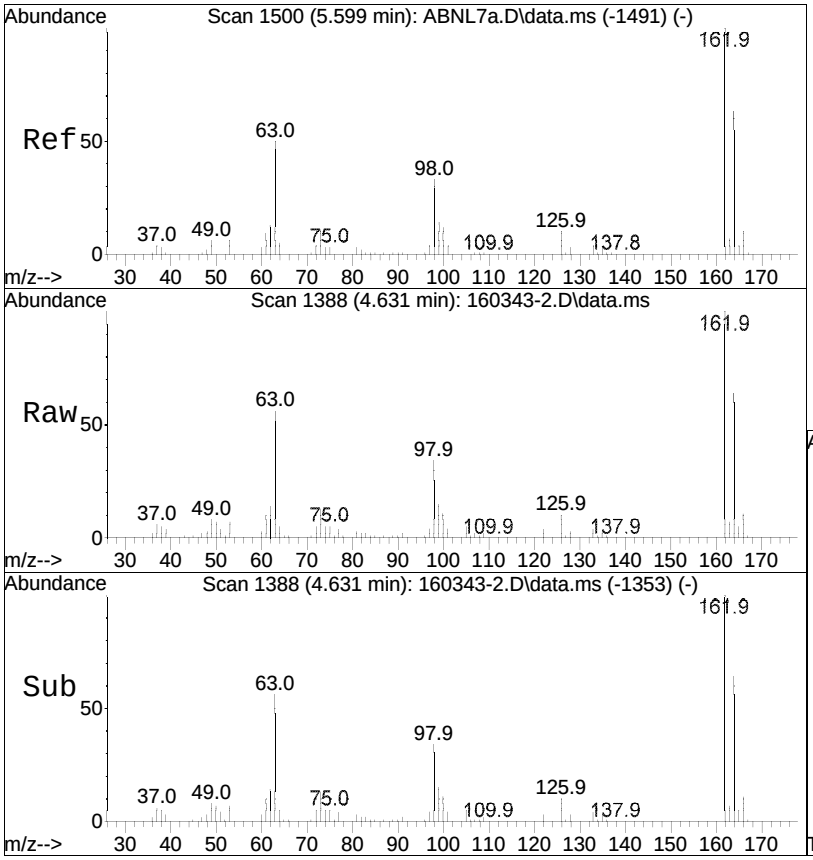


#24
Bis(2-chloroethoxy)methane
Concen: 33.87 ug/ml
RT: 4.583 min Scan# 1371
Delta R.T. -0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion: 93 Resp: 270563

Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.1	39.1
123	8.6	9.8	14.8#

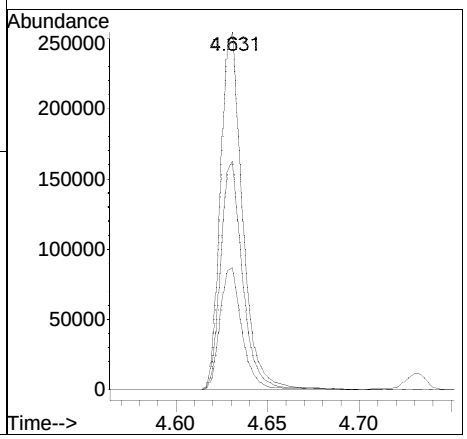


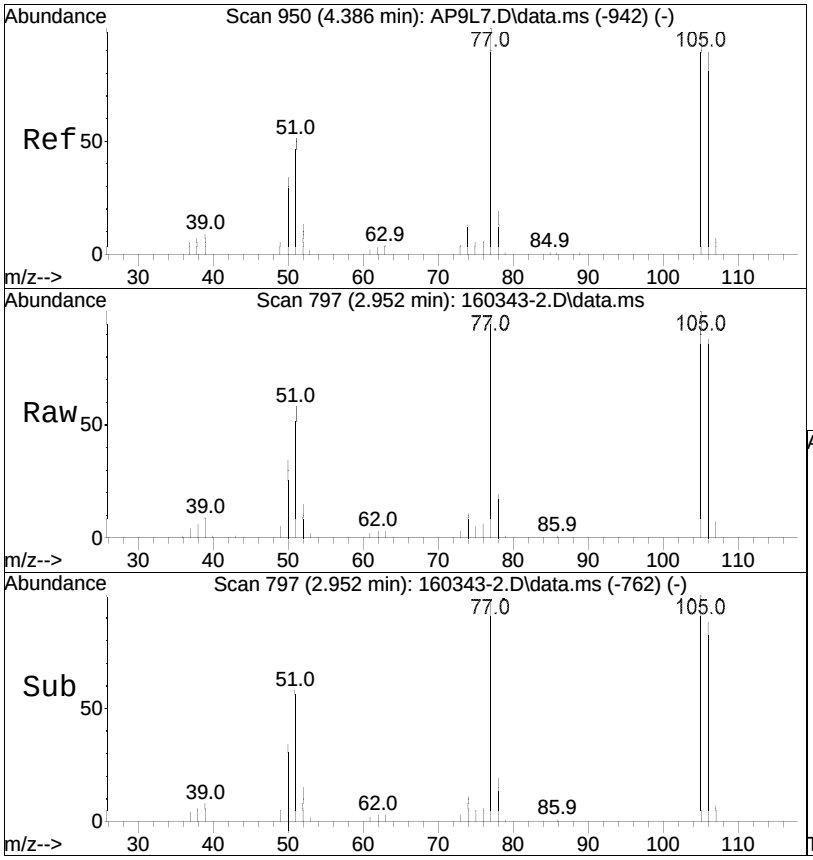


#25
2,4-Dichlorophenol
Concen: 36.06 ug/ml
RT: 4.631 min Scan# 1388
Delta R.T. 0.000 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:162 Resp: 211477

Ion	Ratio	Lower	Upper
162	100		
164	63.9	50.4	75.6
98	34.2	31.6	47.4

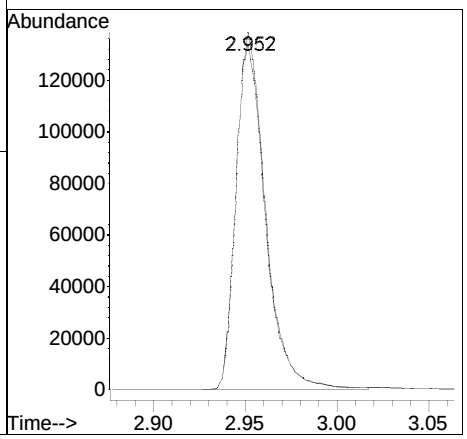


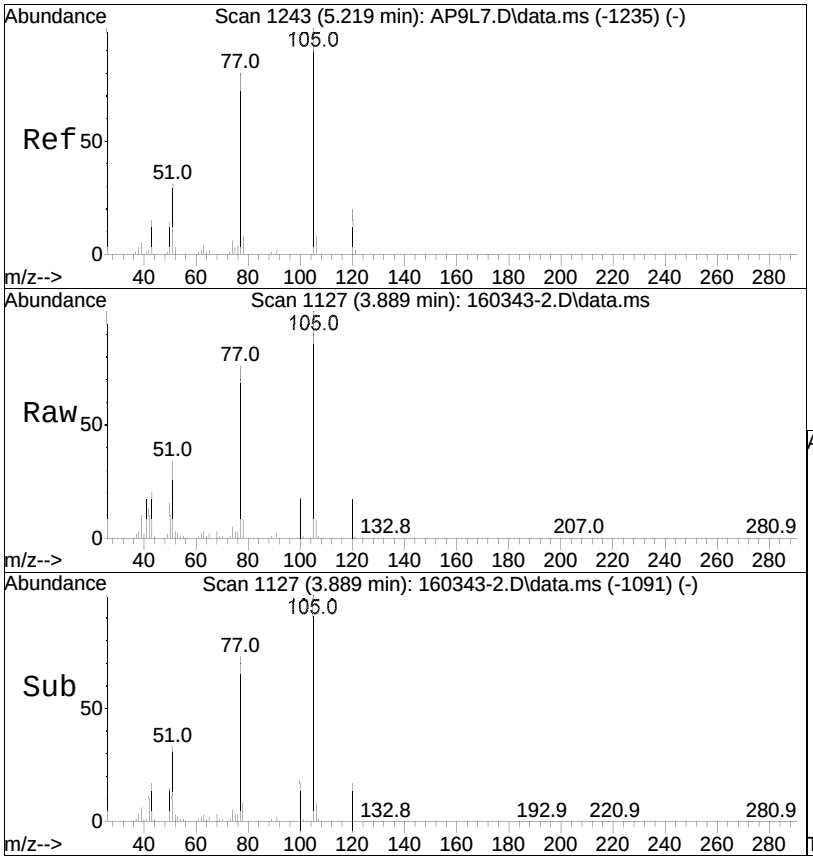


#28
Benzaldehyde
Concen: 29.22 ug/ml
RT: 2.952 min Scan# 797
Delta R.T. 0.000 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:105 Resp: 153768

Ion	Ratio	Lower	Upper
105	100		
77	97.5	72.0	108.0

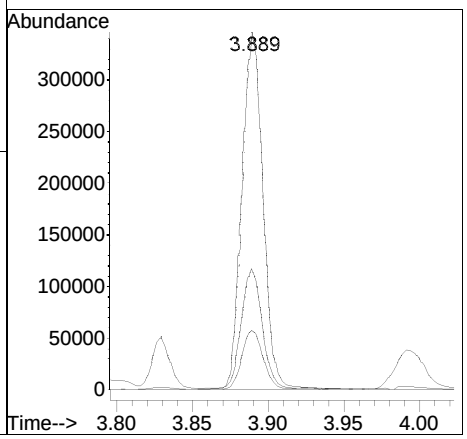


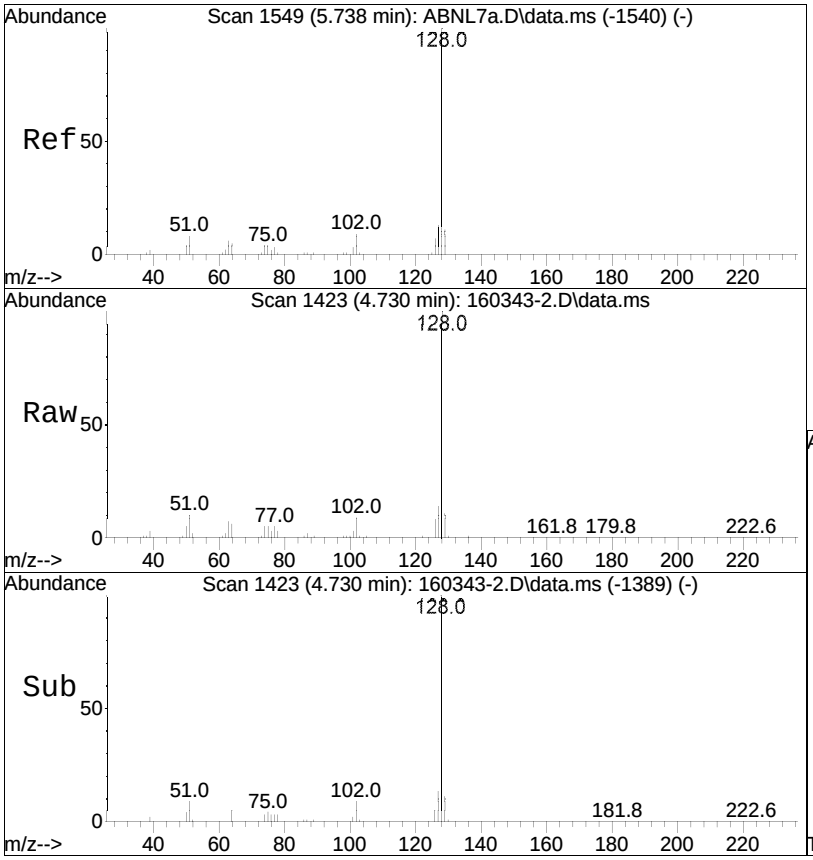


#29
Acetophenone
Concen: 36.67 ug/ml
RT: 3.889 min Scan# 1127
Delta R.T. 0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:105 Resp: 331831

Ion	Ratio	Lower	Upper
105	100		
120	16.9	18.0	27.0#
51	33.3	23.8	35.6

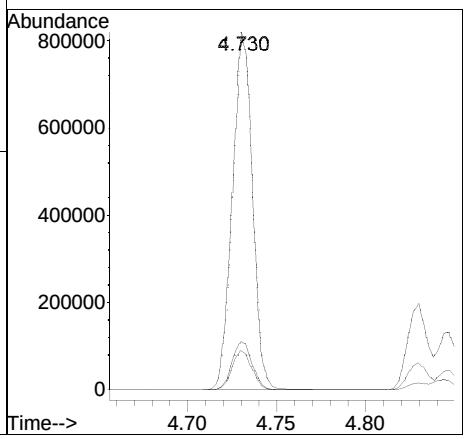


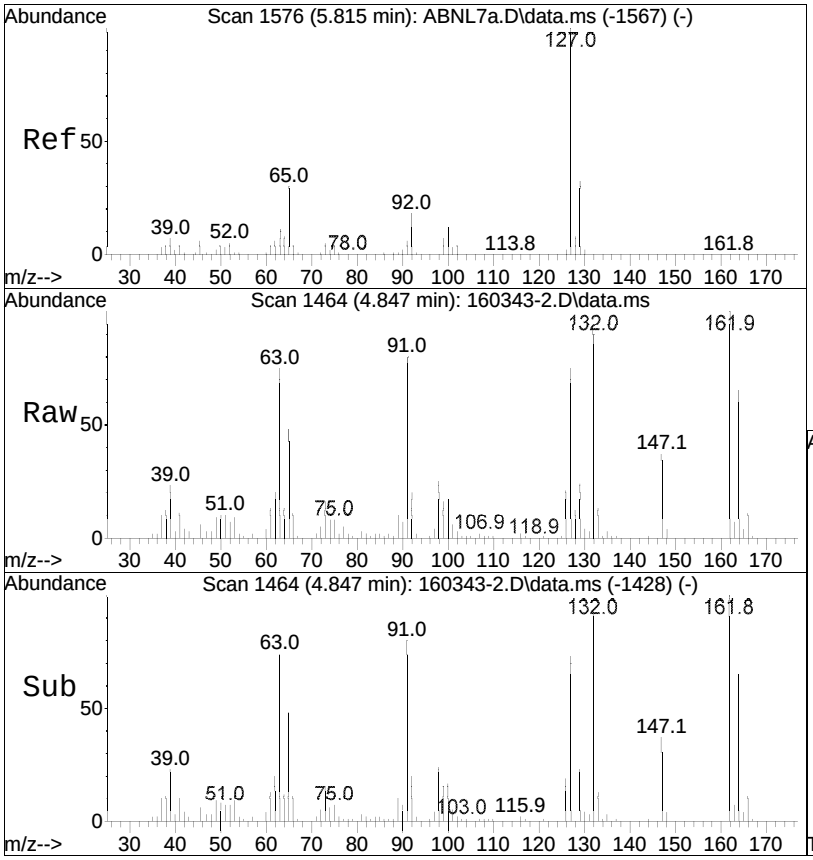


#36
Naphthalene
Concen: 30.79 ug/ml
RT: 4.730 min Scan# 1423
Delta R.T. -0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:128 Resp: 638381

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.7	10.7	16.1

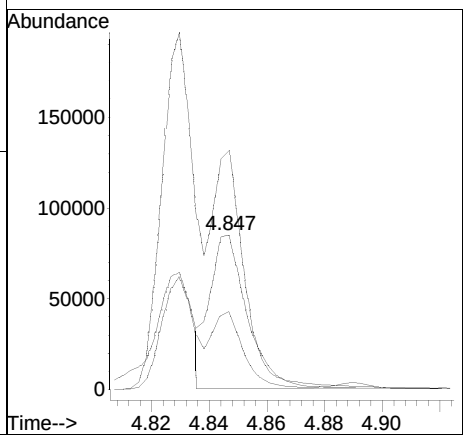


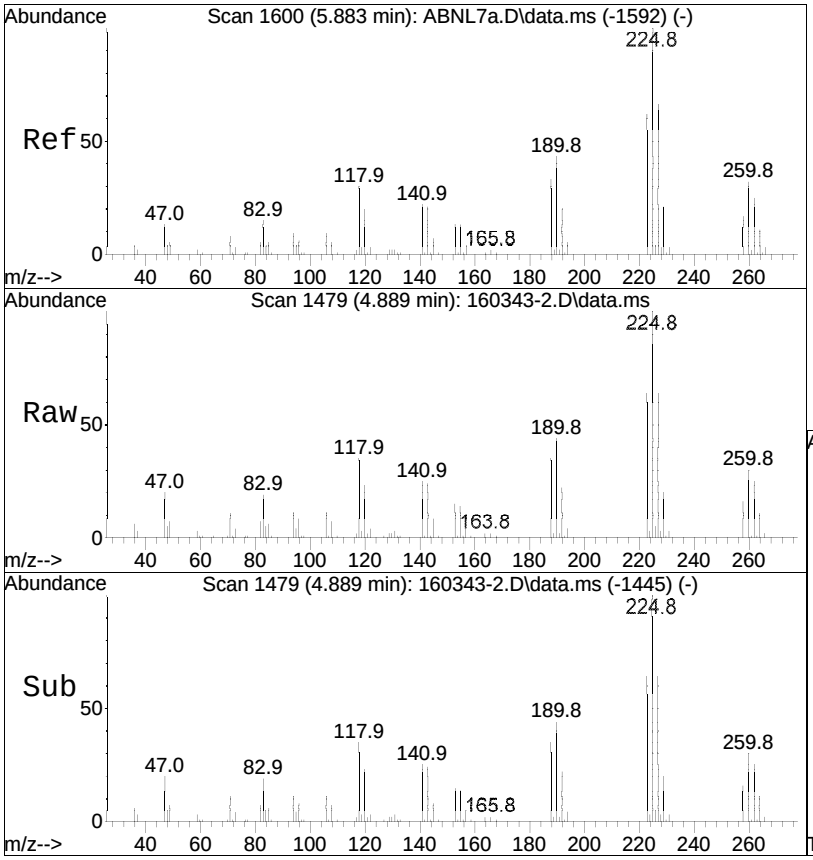


#38
4-Chloroaniline
Concen: 30.06 ug/ml
RT: 4.847 min Scan# 1464
Delta R.T. 0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion: 65 Resp: 76797

Ion	Ratio	Lower	Upper
65	100		
127	134.1	233.2	349.8#
129	42.5	74.6	111.8#

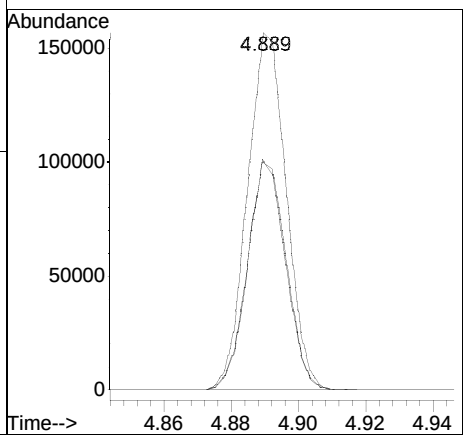


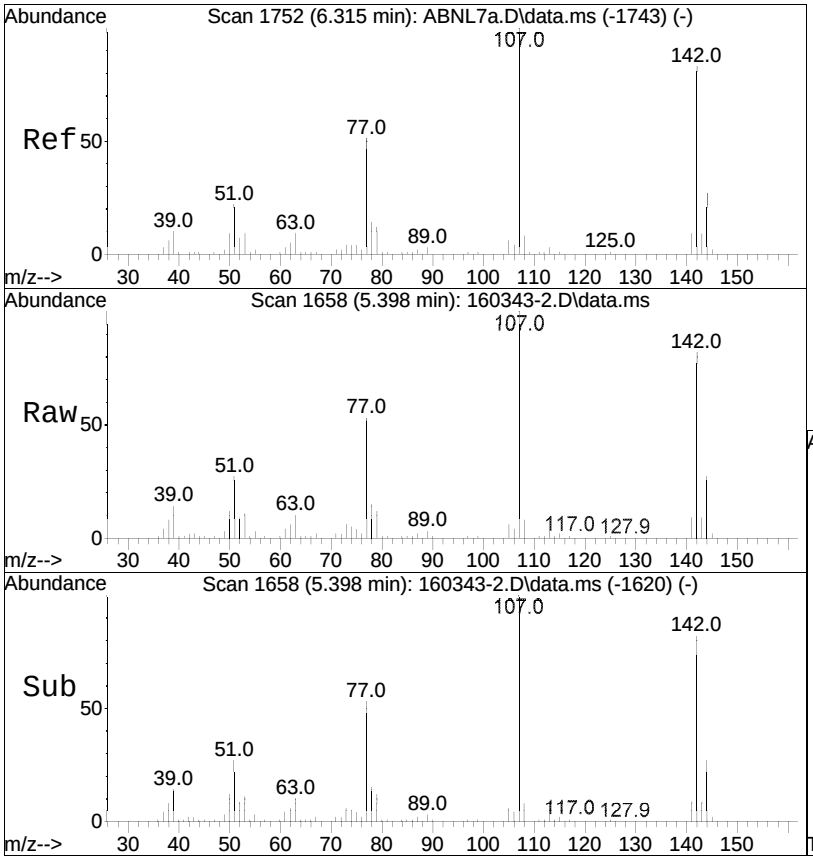


#39
Hexachlorobutadiene
Concen: 27.79 ug/ml
RT: 4.889 min Scan# 1479
Delta R.T. -0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:225 Resp: 125194

Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.4	74.0
227	63.8	50.8	76.2

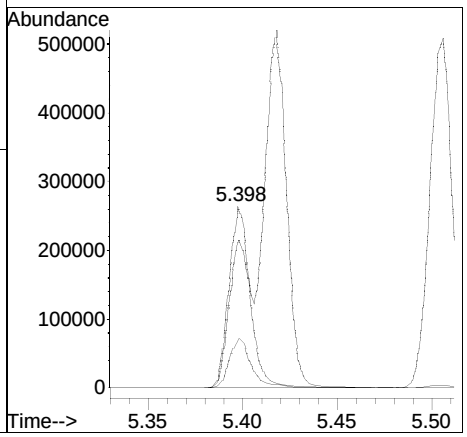


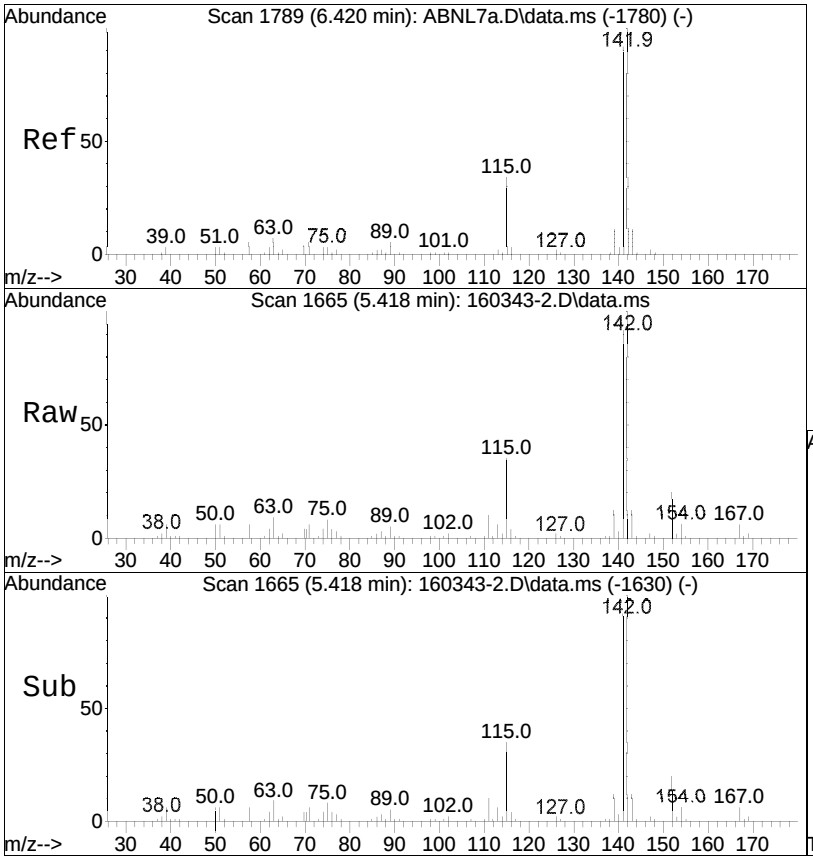


#40
p-Chloro-m-cresol
Concen: 36.32 ug/ml
RT: 5.398 min Scan# 1658
Delta R.T. 0.009 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:107 Resp: 207703

Ion	Ratio	Lower	Upper
107	100		
144	28.3	19.6	29.4
142	82.4	62.2	93.4

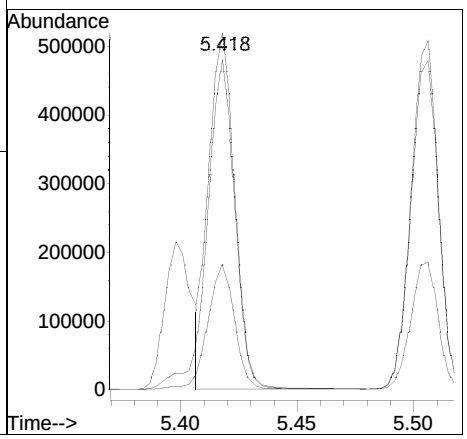


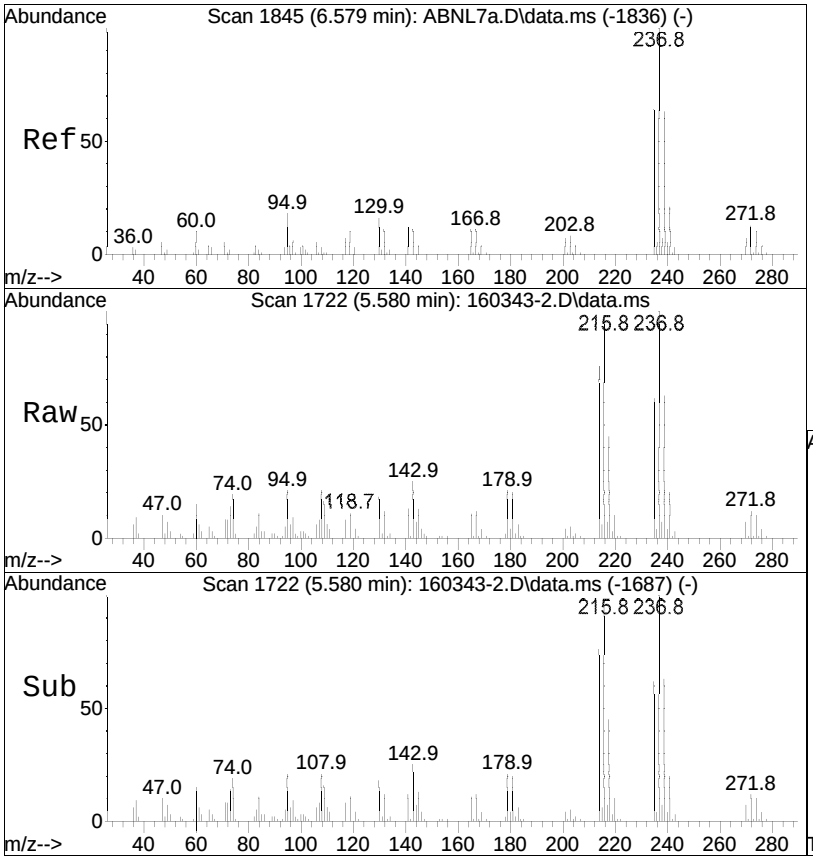


#41
2-Methylnaphthalene
Concen: 31.39 ug/ml
RT: 5.418 min Scan# 1665
Delta R.T. 0.000 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:142 Resp: 407717

Ion	Ratio	Lower	Upper
142	100		
141	97.7	71.8	107.8
115	36.0	29.1	43.7

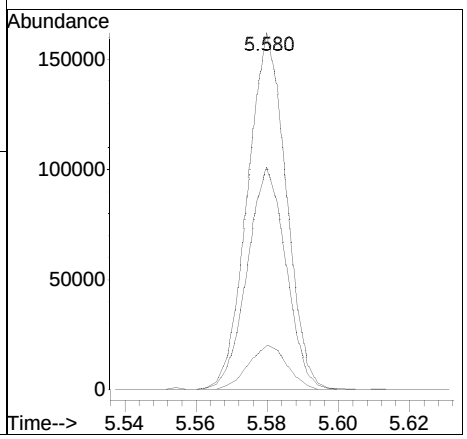


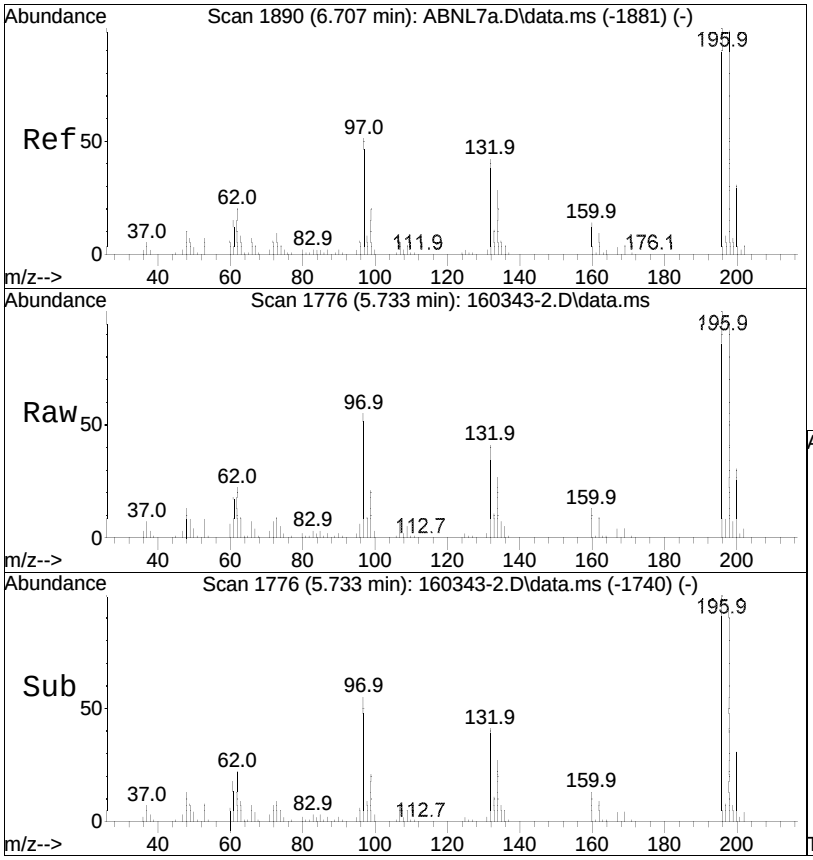


#43
Hexachlorocyclopentadiene
Concen: 26.94 ug/ml
RT: 5.580 min Scan# 1722
Delta R.T. -0.000 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:237 Resp: 121648

Ion	Ratio	Lower	Upper
237	100		
235	62.8	47.8	71.6
272	12.4	10.4	15.6

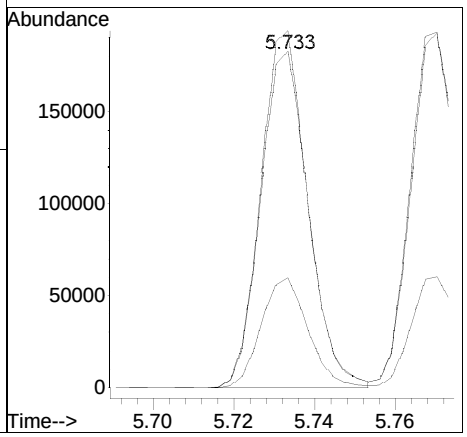


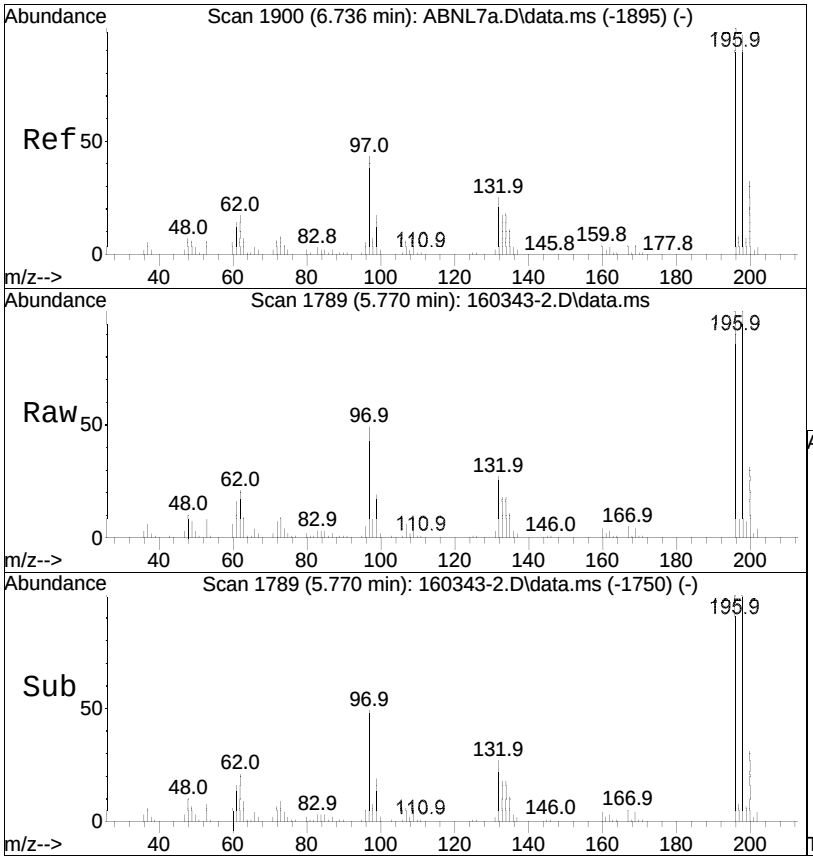


#44
2,4,6-Trichlorophenol
Concen: 35.68 ug/ml
RT: 5.733 min Scan# 1776
Delta R.T. 0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:196 Resp: 156303

Ion	Ratio	Lower	Upper
196	100		
198	96.3	81.5	122.3
200	30.9	26.2	39.2

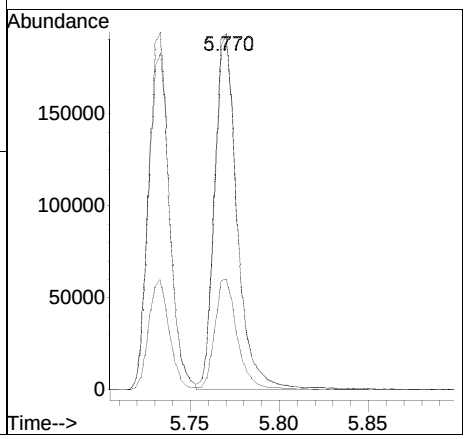


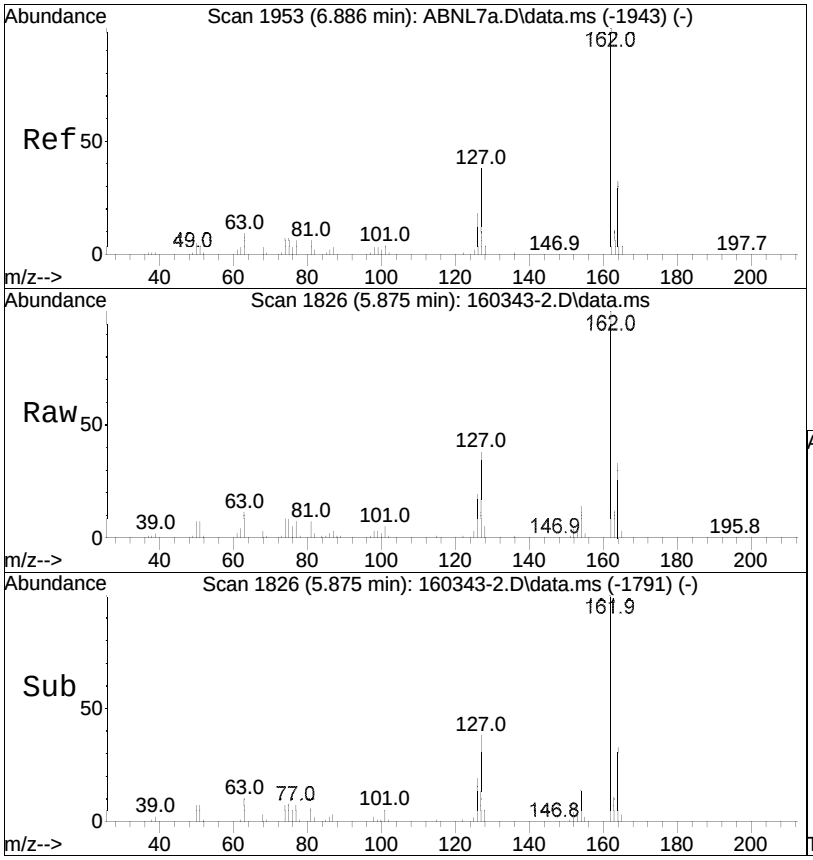


#45
2,4,5-Trichlorophenol
Concen: 35.73 ug/ml
RT: 5.770 min Scan# 1789
Delta R.T. 0.009 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:196 Resp: 172063

Ion	Ratio	Lower	Upper
196	100		
200	30.5	25.5	38.3
198	97.8	79.2	118.8

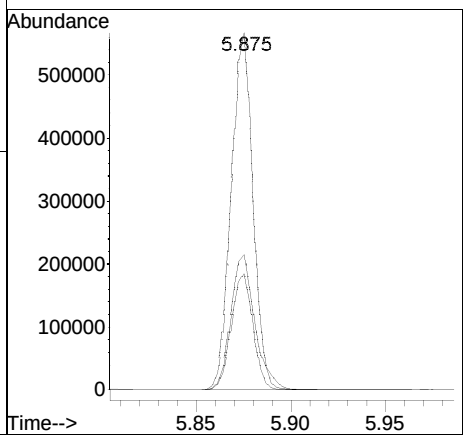


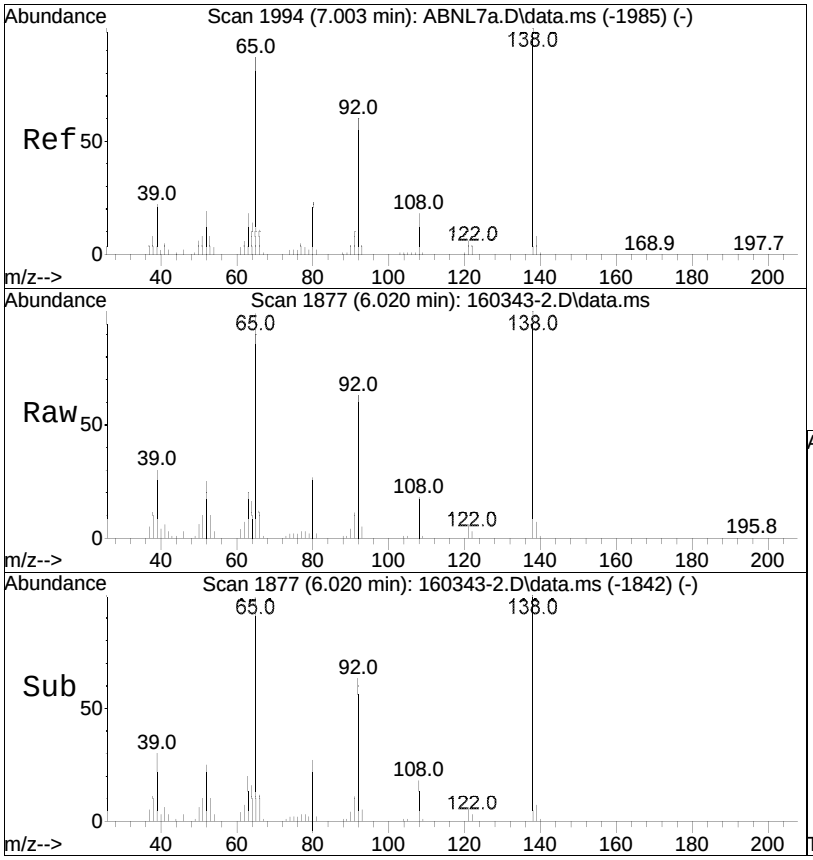


#47
2-Chloronaphthalene
Concen: 31.64 ug/ml
RT: 5.875 min Scan# 1826
Delta R.T. 0.000 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:162 Resp: 449574

Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.6	50.4
164	32.4	25.8	38.8

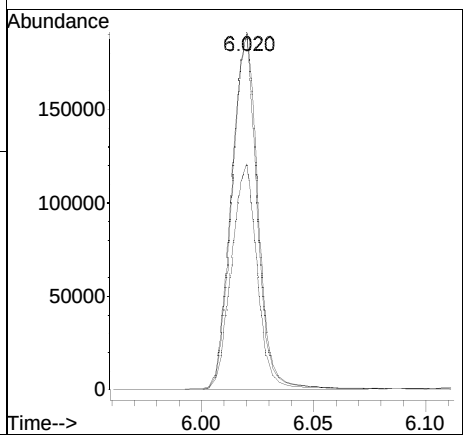


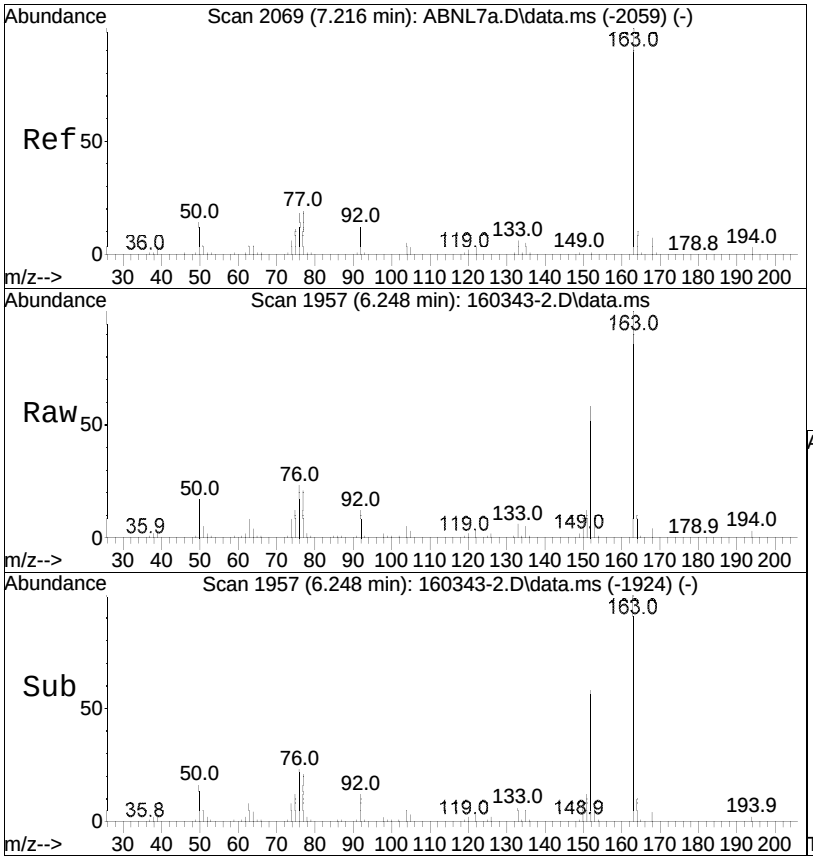


#48
2-Nitroaniline
Concen: 39.06 ug/ml
RT: 6.020 min Scan# 1877
Delta R.T. 0.000 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:138 Resp: 152322

Ion	Ratio	Lower	Upper
138	100		
92	63.0	54.2	81.2
65	98.9	82.8	124.2

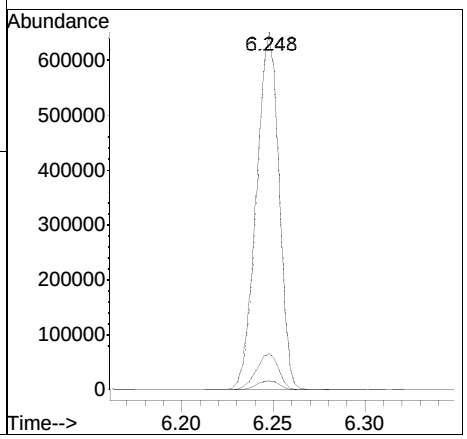


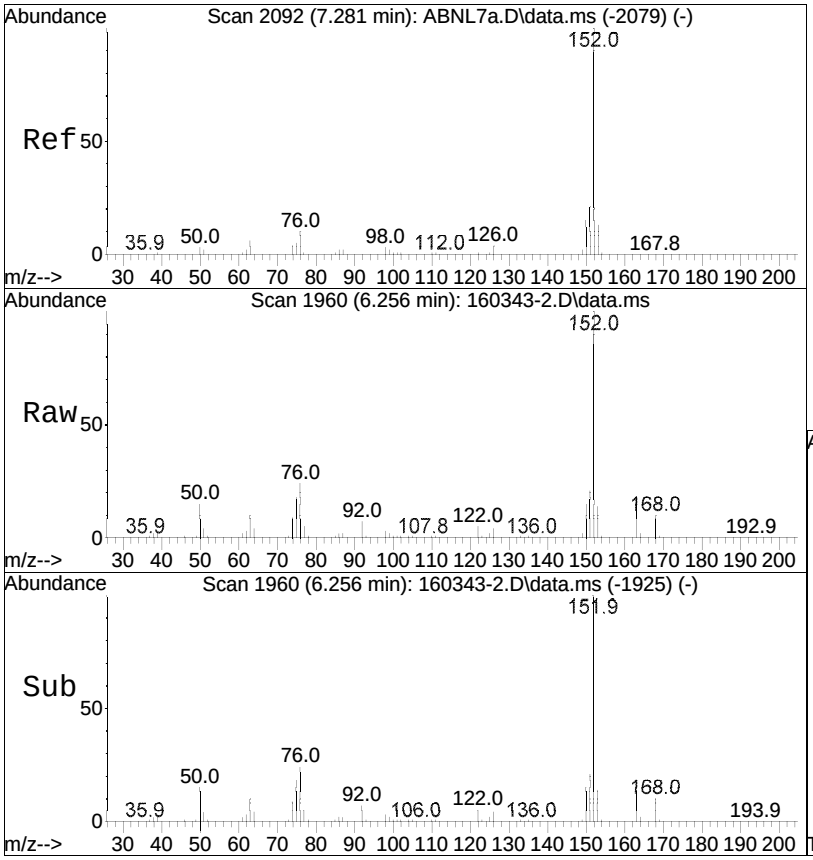


#51
Dimethyl phthalate
Concen: 33.08 ug/ml
RT: 6.248 min Scan# 1957
Delta R.T. -0.006 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:163 Resp: 550657

Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.6	4.0
164	10.2	8.2	12.4

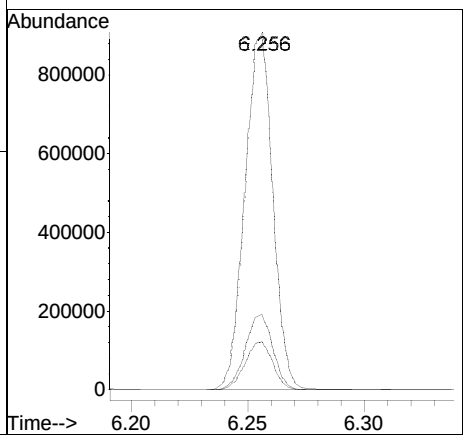


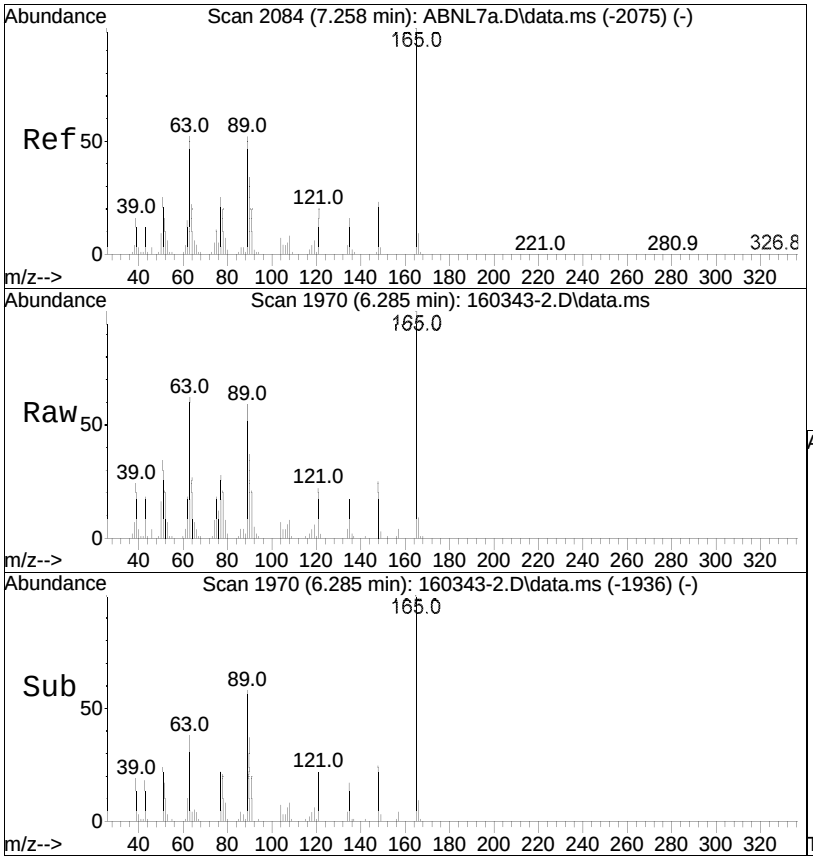


#52
Acenaphthylene
Concen: 33.75 ug/ml
RT: 6.256 min Scan# 1960
Delta R.T. 0.000 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:152 Resp: 748402

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.4	24.6
153	13.5	11.0	16.6

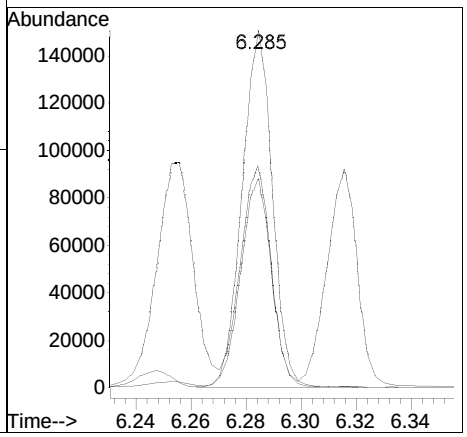


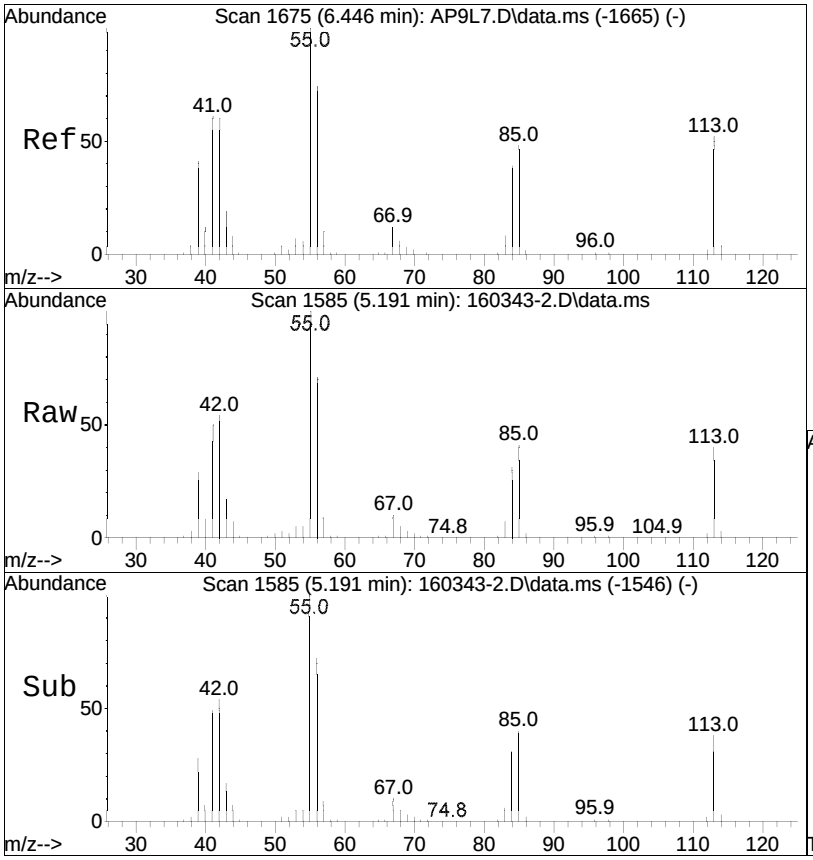


#53
2,6-Dinitrotoluene
Concen: 38.49 ug/ml
RT: 6.285 min Scan# 1970
Delta R.T. -0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:165 Resp: 115302

Ion	Ratio	Lower	Upper
165	100		
89	59.0	50.4	75.6
63	62.3	56.9	85.3

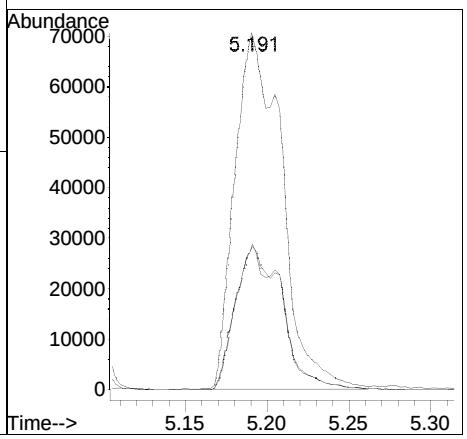


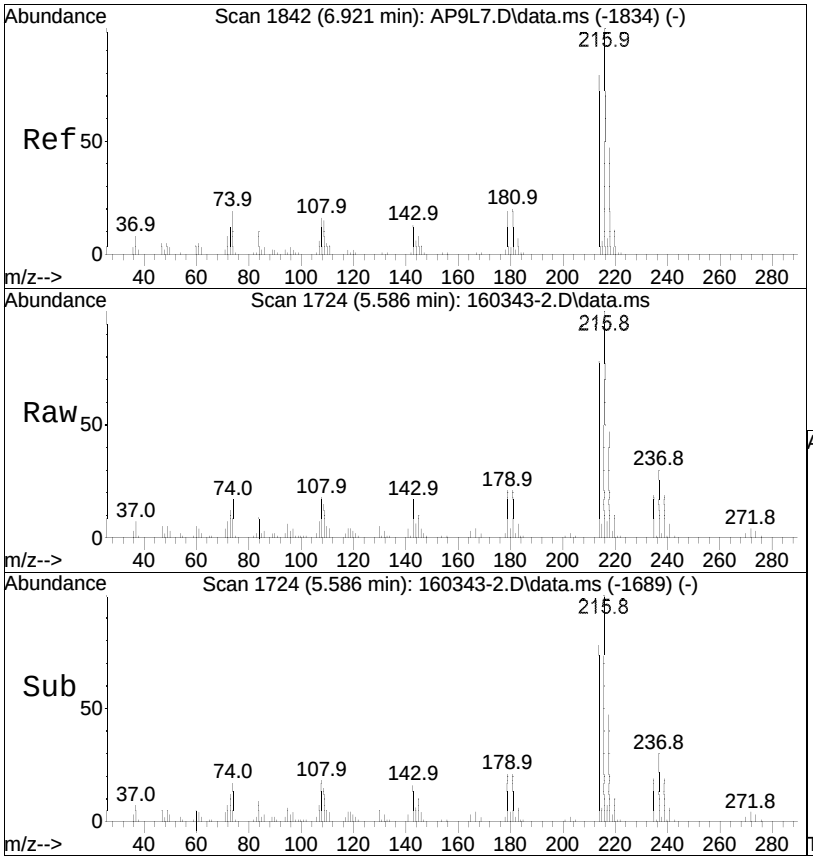


#60
Caprolactam
Concen: 50.19 ug/ml
RT: 5.191 min Scan# 1585
Delta R.T. 0.012 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion: 55 Resp: 139389

Ion	Ratio	Lower	Upper
55	100		
85	24.9	32.6	48.8#
113	40.5	44.6	66.8#

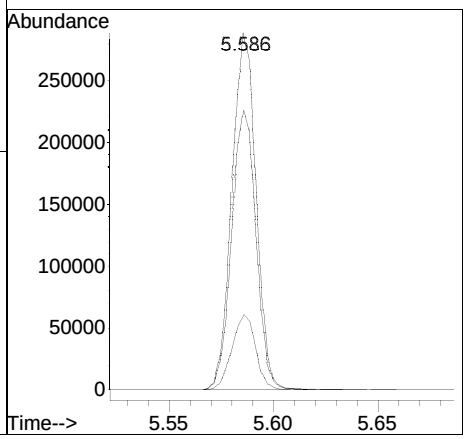


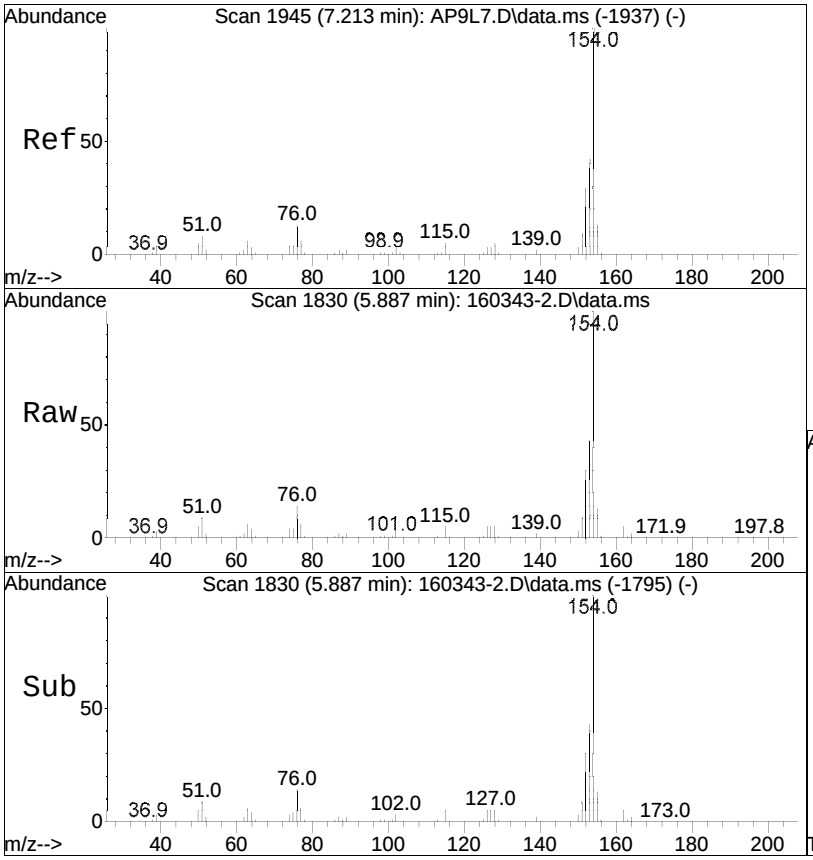


#61
1,2,4,5-Tetrachlorobenzene
Concen: 30.92 ug/ml
RT: 5.586 min Scan# 1724
Delta R.T. 0.000 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:216 Resp: 232258

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.6
179	20.7	17.4	26.2

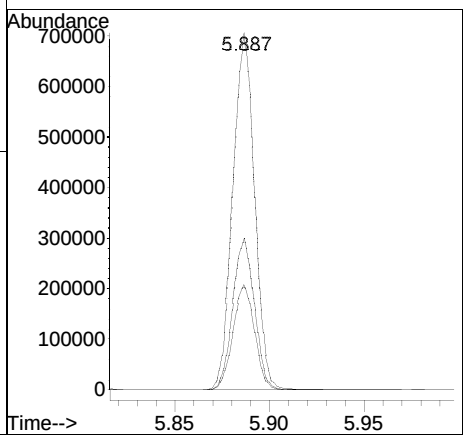


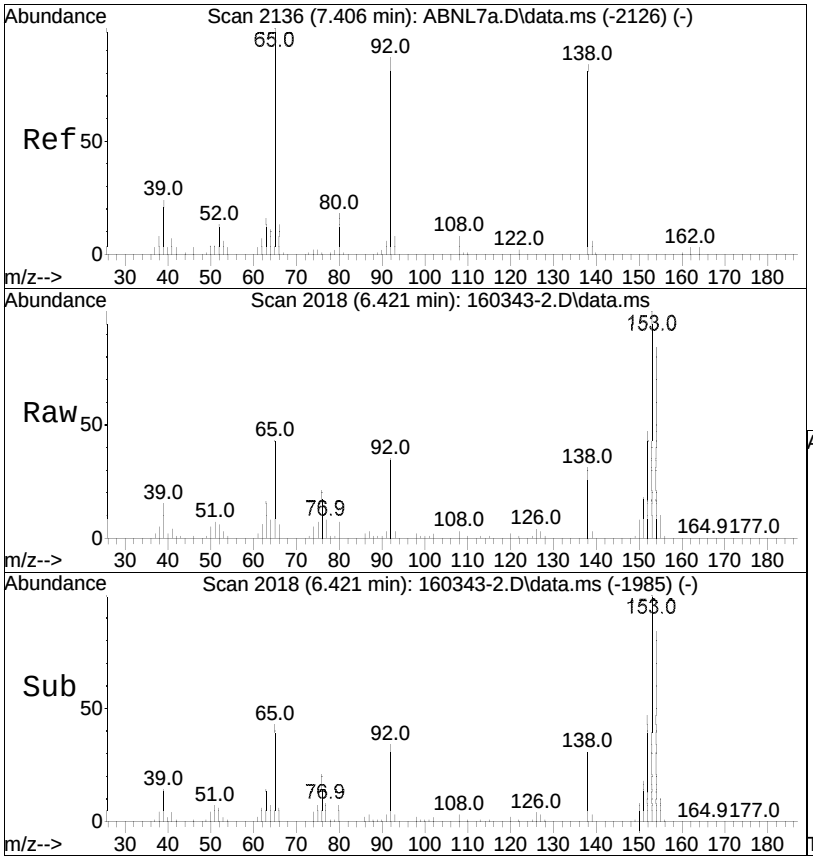


#62
Biphenyl
Concen: 33.00 ug/ml
RT: 5.887 min Scan# 1830
Delta R.T. 0.000 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:154 Resp: 562102

Ion	Ratio	Lower	Upper
154	100		
153	42.4	33.5	50.3
152	29.3	22.6	34.0

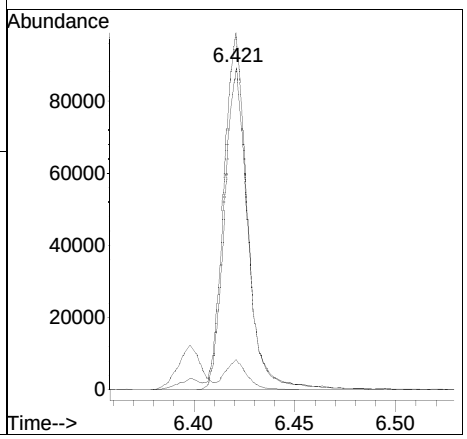


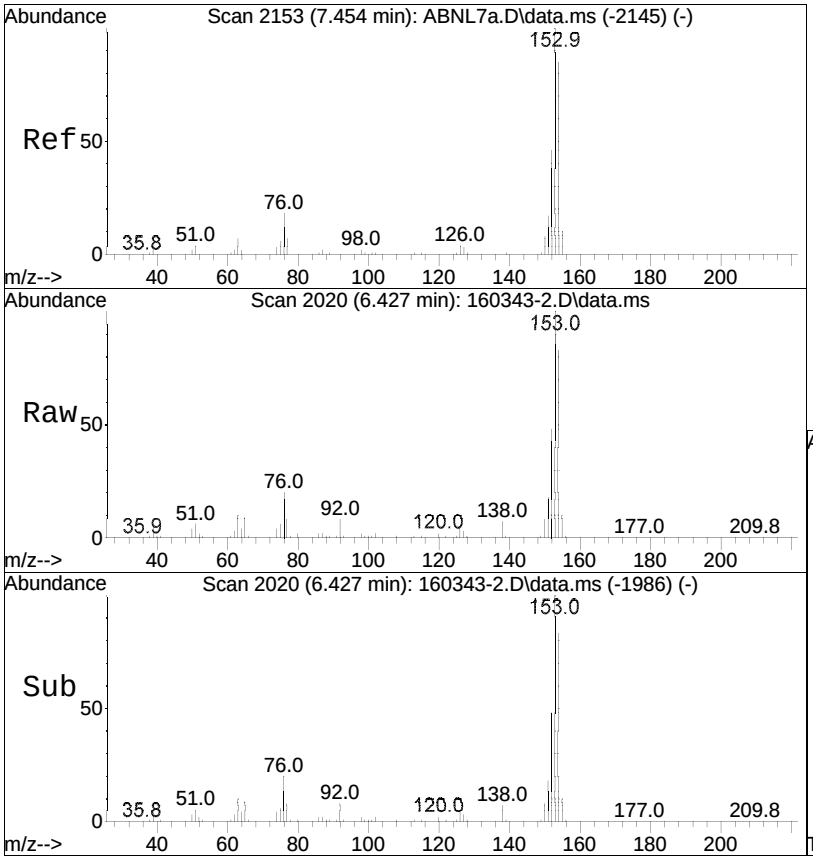


#64
3-Nitroaniline
Concen: 19.23 ug/ml
RT: 6.421 min Scan# 2018
Delta R.T. -0.006 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:138 Resp: 72131

Ion	Ratio	Lower	Upper
138	100		
92	110.9	95.4	143.2
108	8.9	8.6	12.8

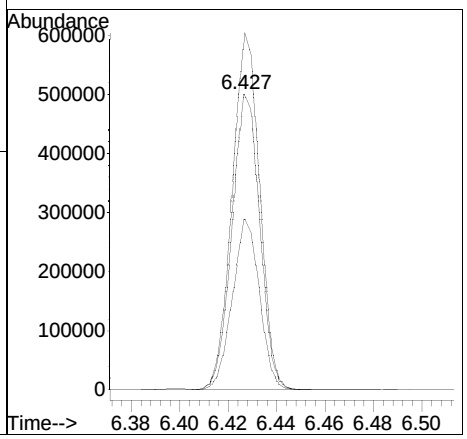


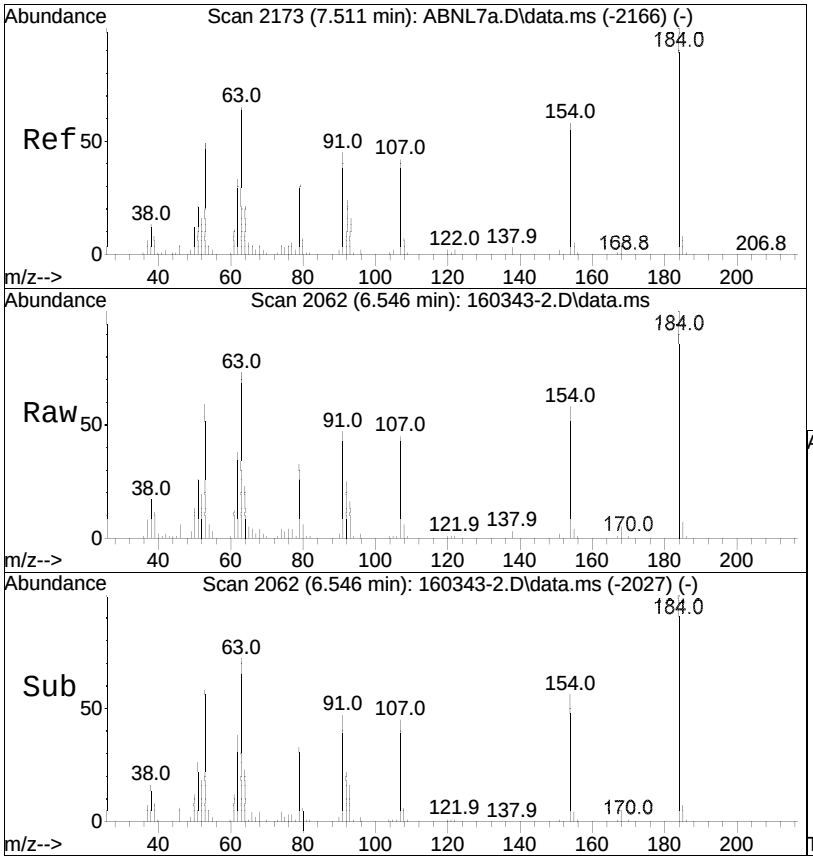


#65
Acenaphthene
Concen: 30.35 ug/ml
RT: 6.427 min Scan# 2020
Delta R.T. -0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:154 Resp: 399588

Ion	Ratio	Lower	Upper
154	100		
153	119.9	91.3	136.9
152	56.5	41.0	61.4

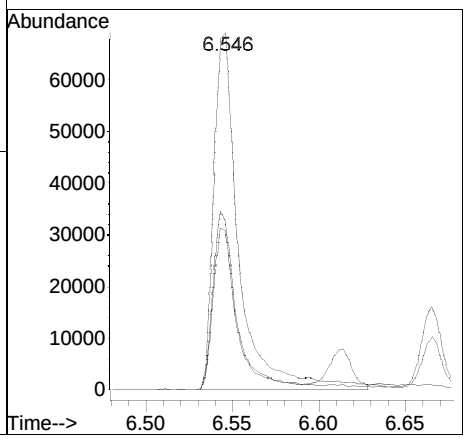


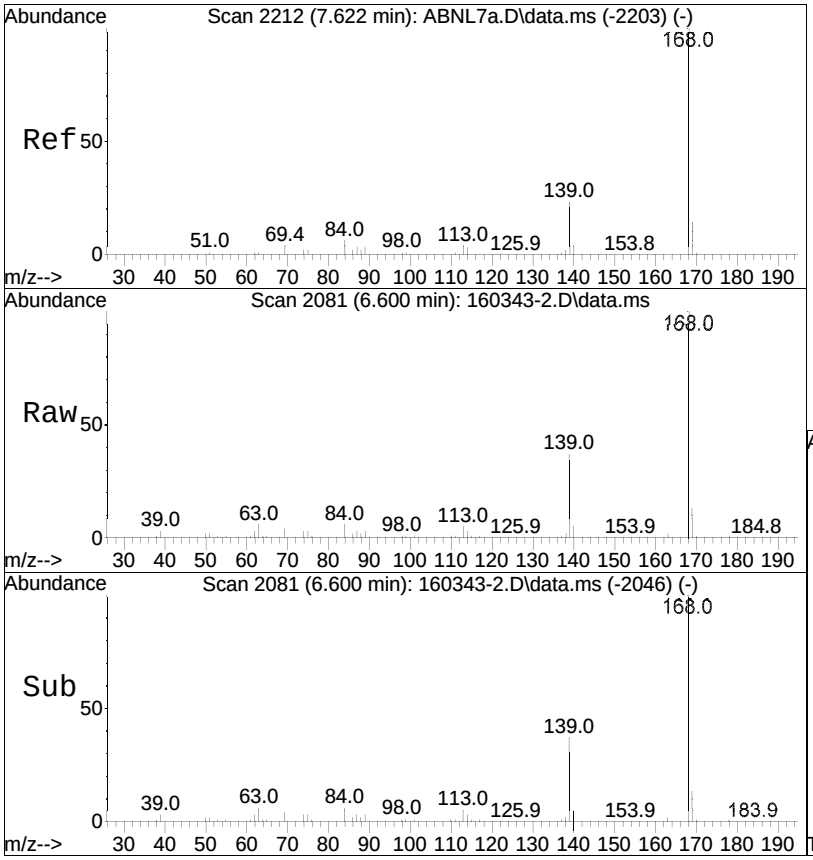


#66
2,4-Dinitrophenol
Concen: 41.49 ug/ml
RT: 6.546 min Scan# 2062
Delta R.T. 0.000 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:184 Resp: 70275

Ion	Ratio	Lower	Upper
184	100		
107	43.7	41.8	62.6
91	47.3	46.1	69.1

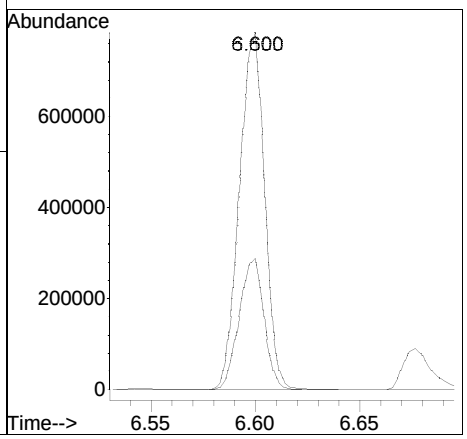


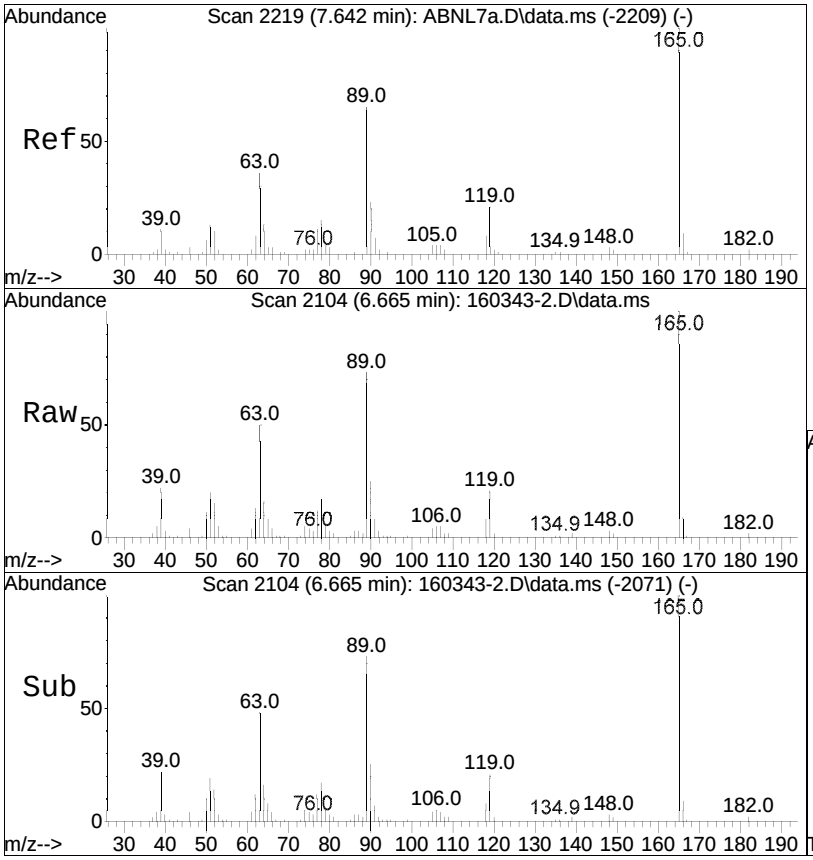


#67
Dibenzofuran
Concen: 30.30 ug/ml
RT: 6.600 min Scan# 2081
Delta R.T. 0.000 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:168 Resp: 652595

Ion	Ratio	Lower	Upper
168	100		
139	36.7	33.2	49.8

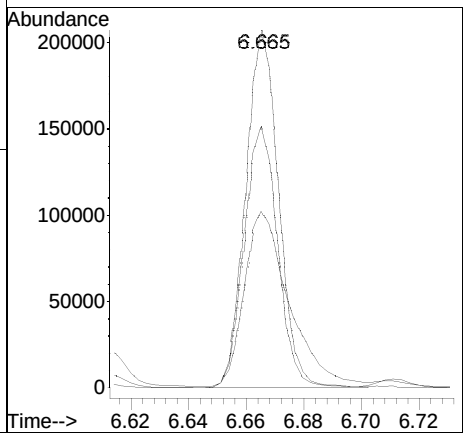


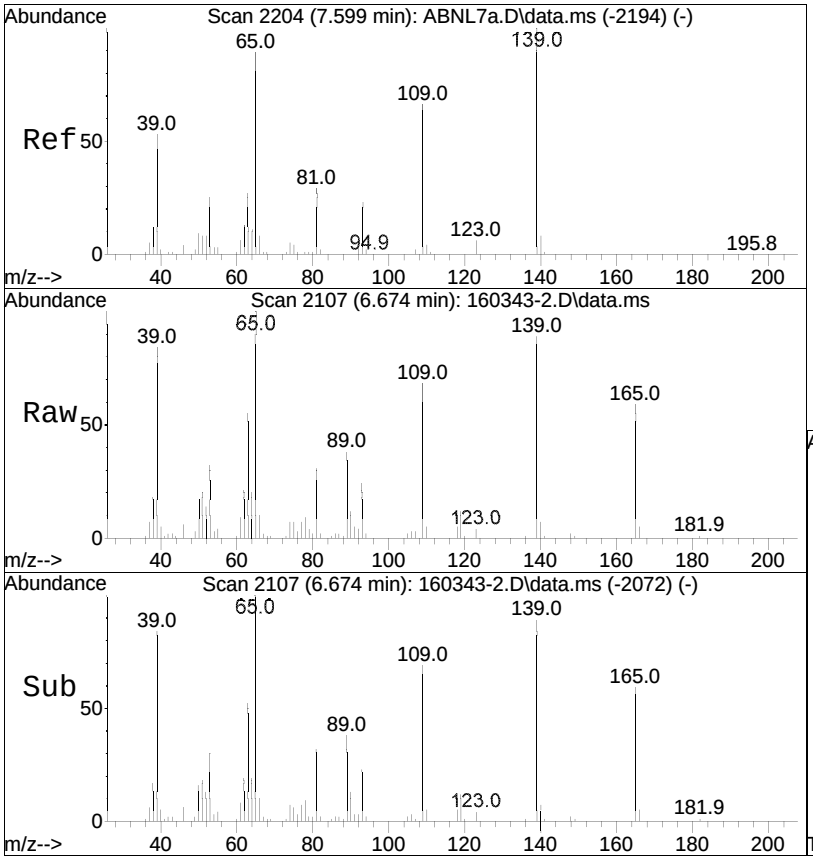


#68
2,4-Dinitrotoluene
Concen: 38.09 ug/ml
RT: 6.665 min Scan# 2104
Delta R.T. -0.006 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:165 Resp: 163779

Ion	Ratio	Lower	Upper
165	100		
89	74.2	75.7	113.5#
63	65.9	62.6	94.0

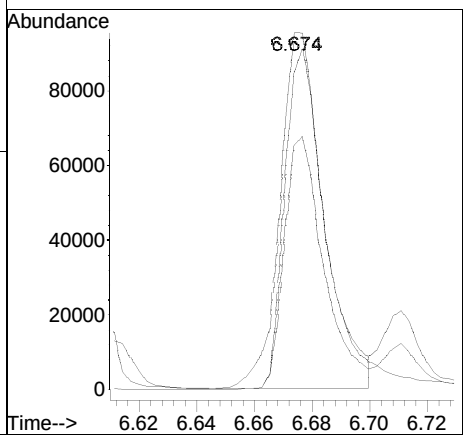


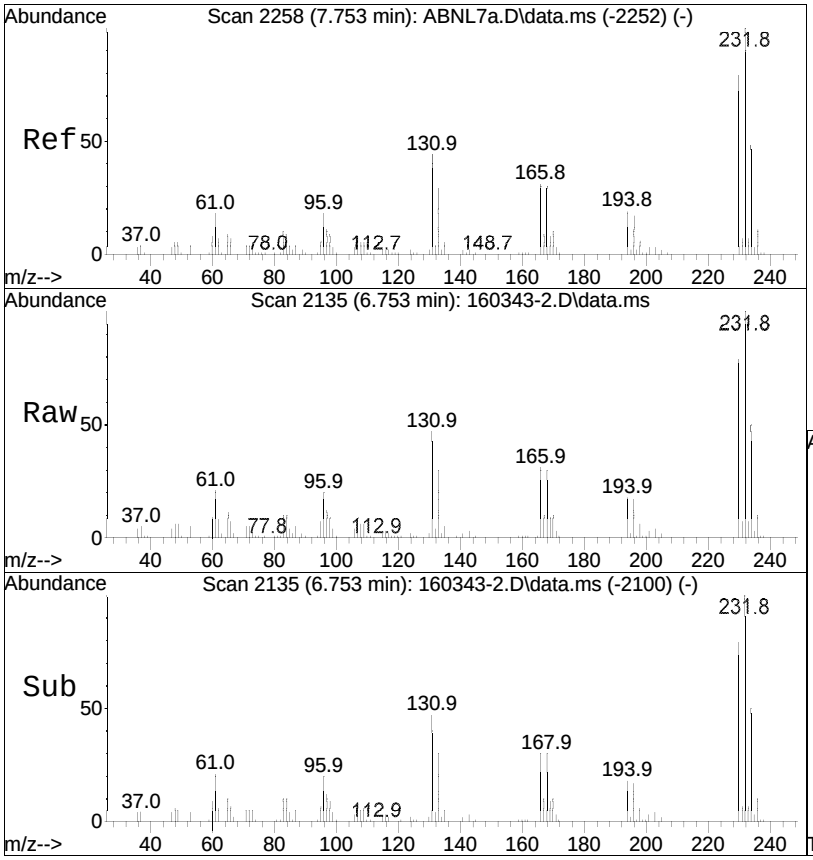


#69
4-Nitrophenol
Concen: 38.02 ug/ml
RT: 6.674 min Scan# 2107
Delta R.T. 0.000 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion: 65 Resp: 100572

Ion	Ratio	Lower	Upper
65	100		
109	64.3	55.4	83.2
139	92.6	72.9	109.3

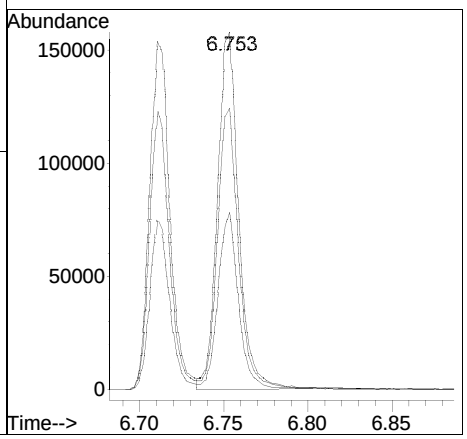


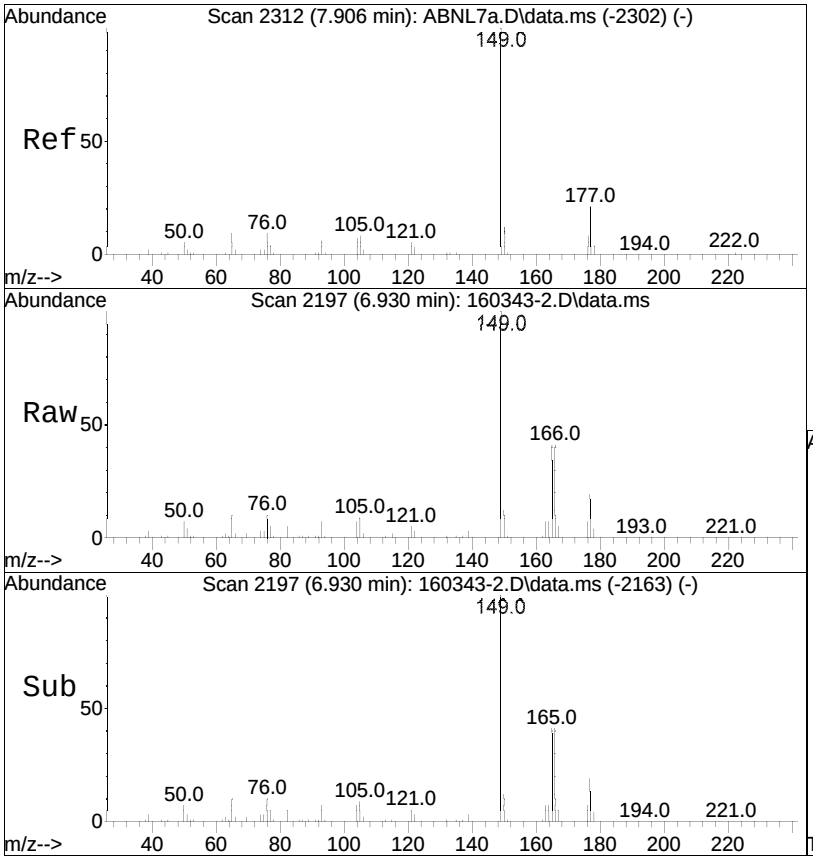


#71
2,3,4,6-Tetrachlorophenol
Concen: 33.64 ug/ml
RT: 6.753 min Scan# 2135
Delta R.T. 0.000 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:232 Resp: 138525

Ion	Ratio	Lower	Upper
232	100		
230	77.9	63.7	95.5
234	48.4	38.4	57.6

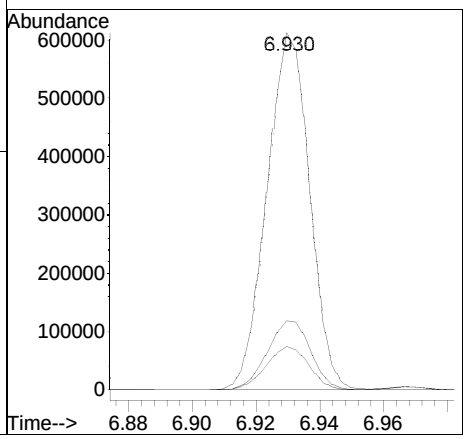


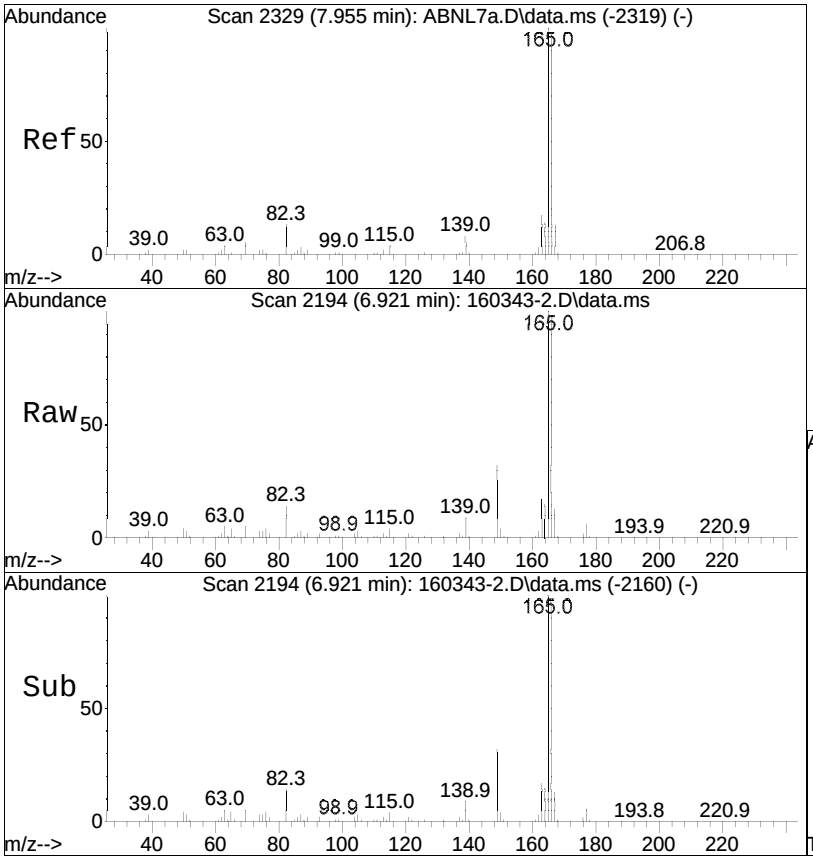


#72
Diethyl phthalate
Concen: 33.54 ug/ml
RT: 6.930 min Scan# 2197
Delta R.T. -0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:149 Resp: 566638

Ion	Ratio	Lower	Upper
149	100		
177	19.7	15.5	23.3
150	12.3	9.5	14.3

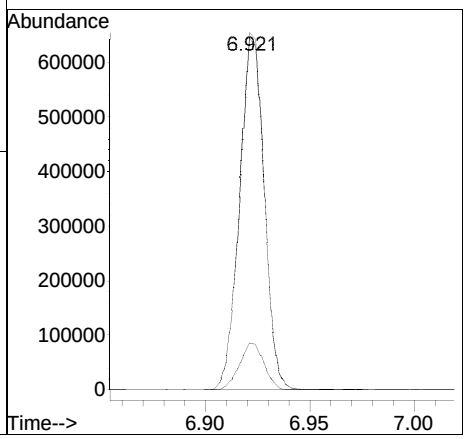


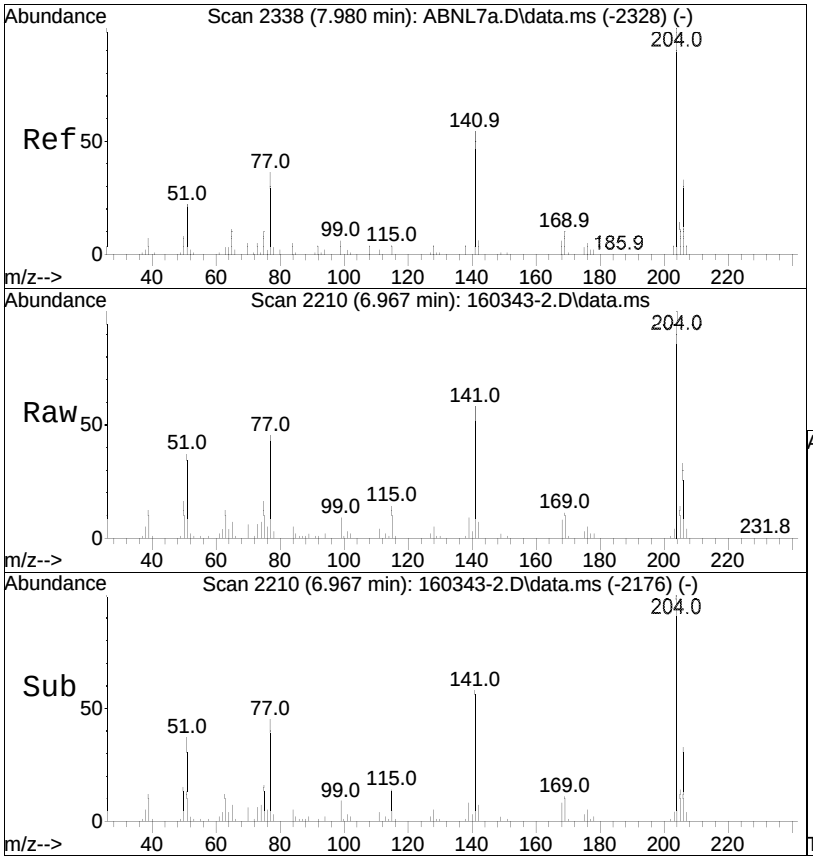


#73
Fluorene
Concen: 31.57 ug/ml
RT: 6.921 min Scan# 2194
Delta R.T. -0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:166 Resp: 530622

Ion	Ratio	Lower	Upper
166	100		
165	101.9	79.3	118.9
167	13.4	10.6	16.0

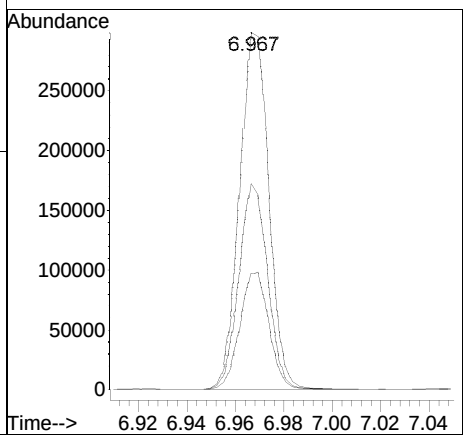


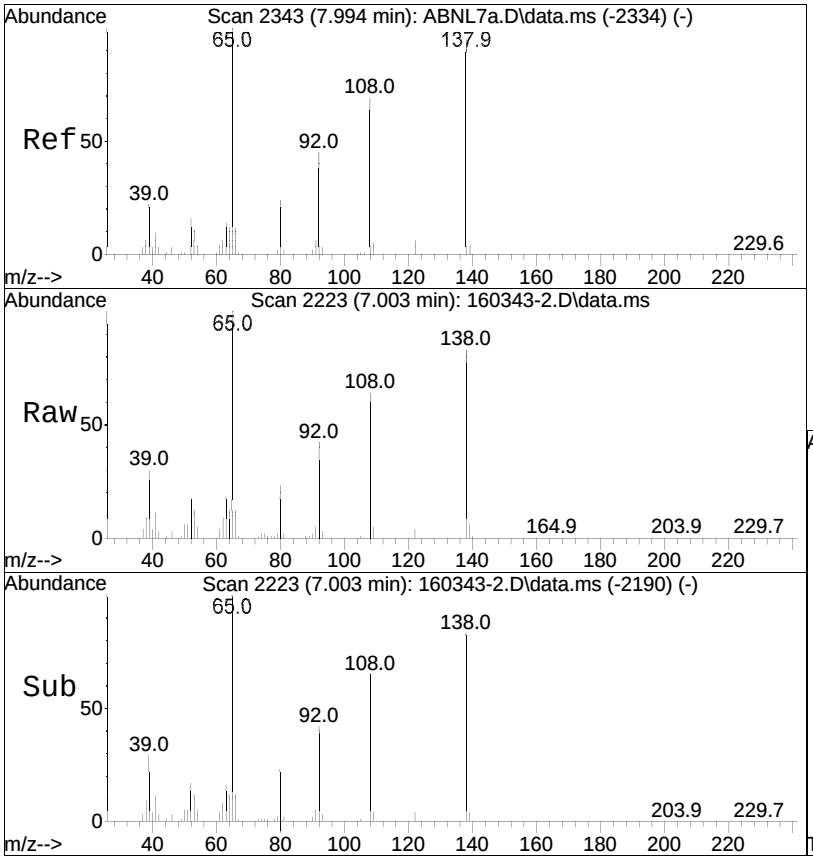


#74
4-Chlorophenyl phenyl ether
Concen: 29.20 ug/ml
RT: 6.967 min Scan# 2210
Delta R.T. -0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:204 Resp: 249545

Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.2	39.4
141	56.6	57.2	85.8#

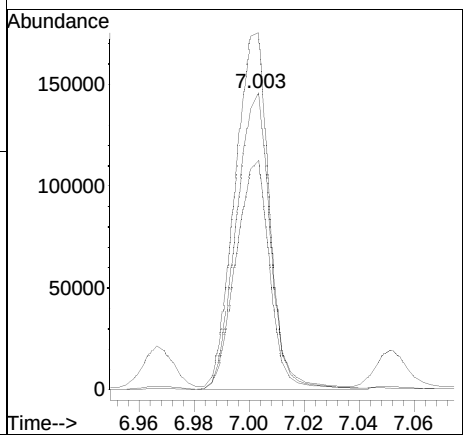


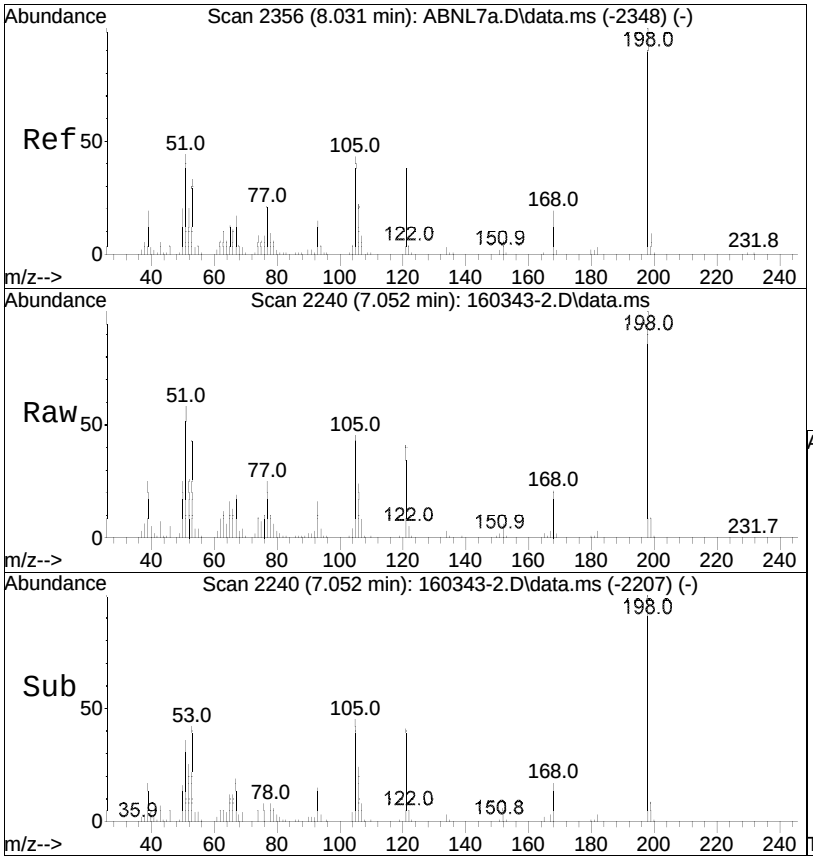


#75
4-Nitroaniline
Concen: 35.37 ug/ml
RT: 7.003 min Scan# 2223
Delta R.T. -0.006 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:138 Resp: 123970

Ion	Ratio	Lower	Upper
138	100		
108	77.5	62.7	94.1
65	119.9	107.8	161.6

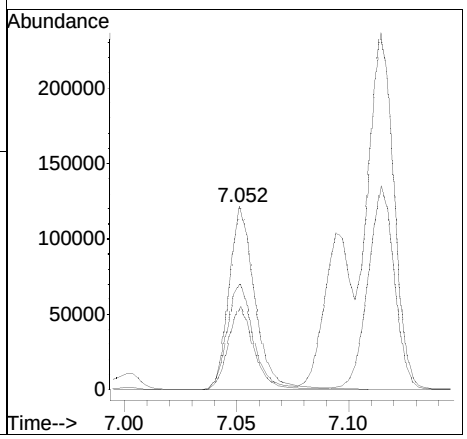


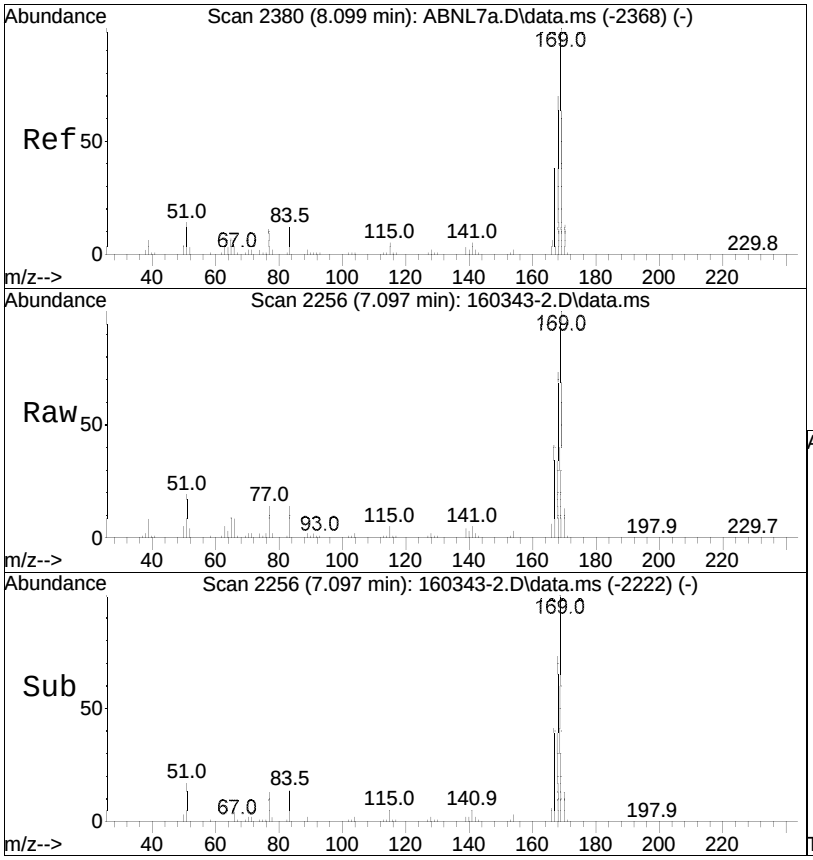


#76
4,6-Dinitro-o-cresol
Concen: 45.36 ug/ml
RT: 7.052 min Scan# 2240
Delta R.T. -0.006 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:198 Resp: 99217

Ion	Ratio	Lower	Upper
198	100		
51	57.8	59.0	88.4#
105	45.1	45.0	67.6

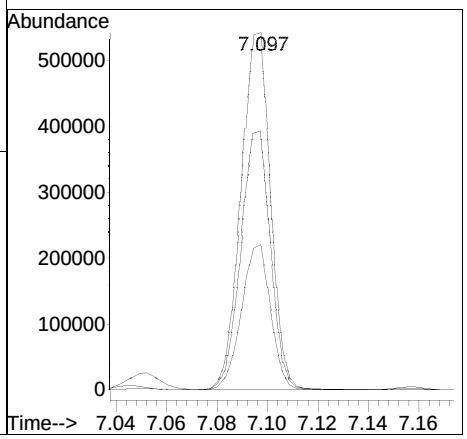


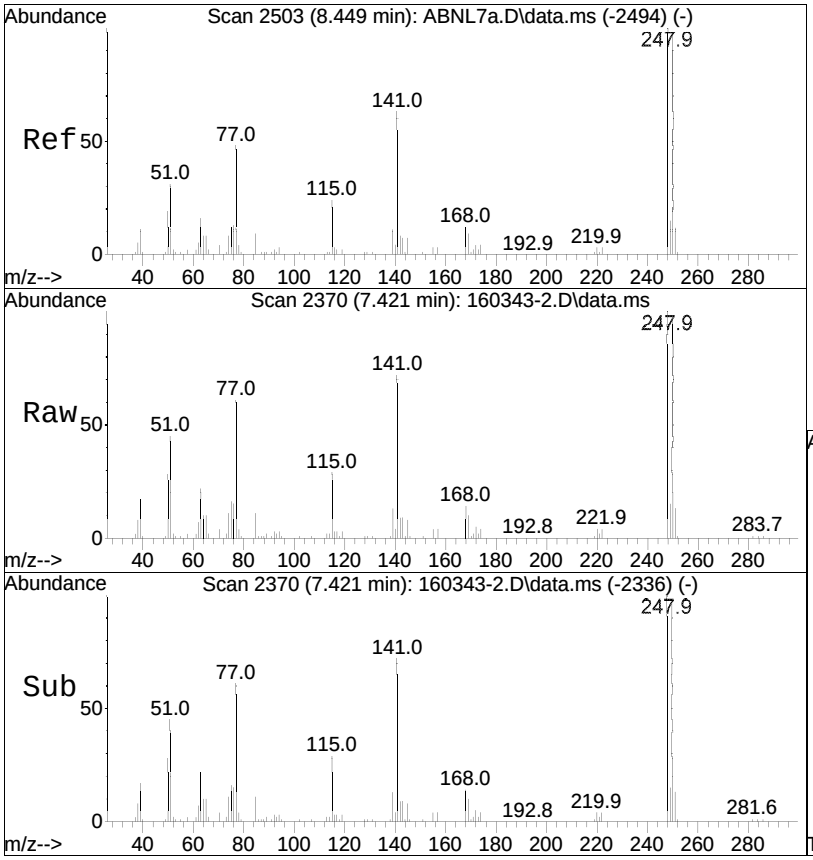


#77
NDPA/DPA
Concen: 30.78 ug/ml
RT: 7.097 min Scan# 2256
Delta R.T. -0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:169 Resp: 440836

Ion	Ratio	Lower	Upper
169	100		
168	72.6	55.4	83.0
167	40.3	30.3	45.5

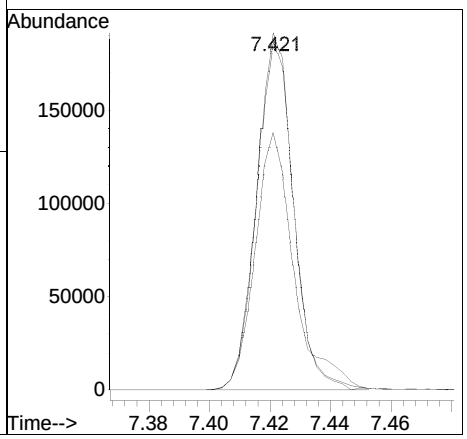


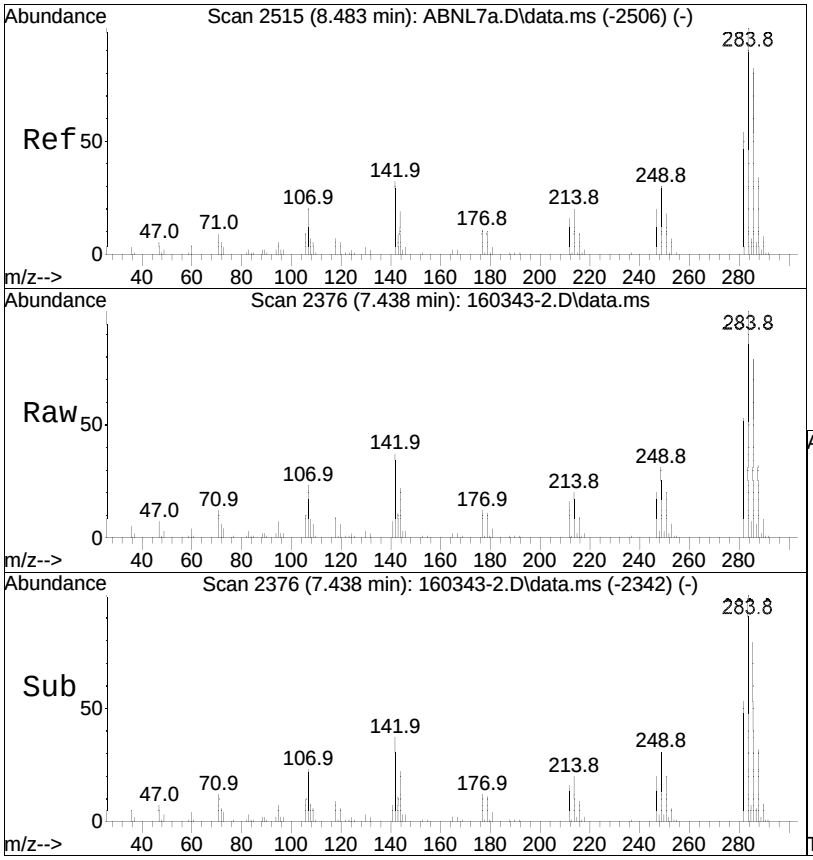


#80
4-Bromophenyl phenyl ether
Concen: 29.67 ug/ml
RT: 7.421 min Scan# 2370
Delta R.T. -0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:248 Resp: 160958

Ion	Ratio	Lower	Upper
248	100		
141	76.7	76.8	115.2#
250	98.6	79.7	119.5

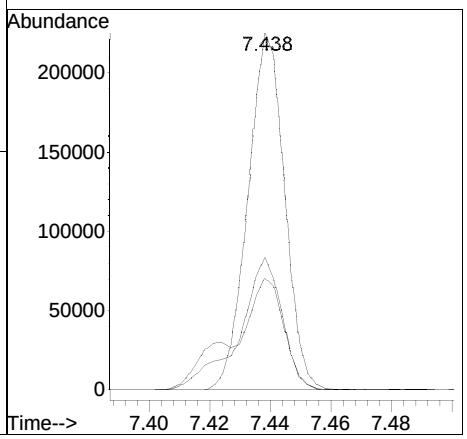


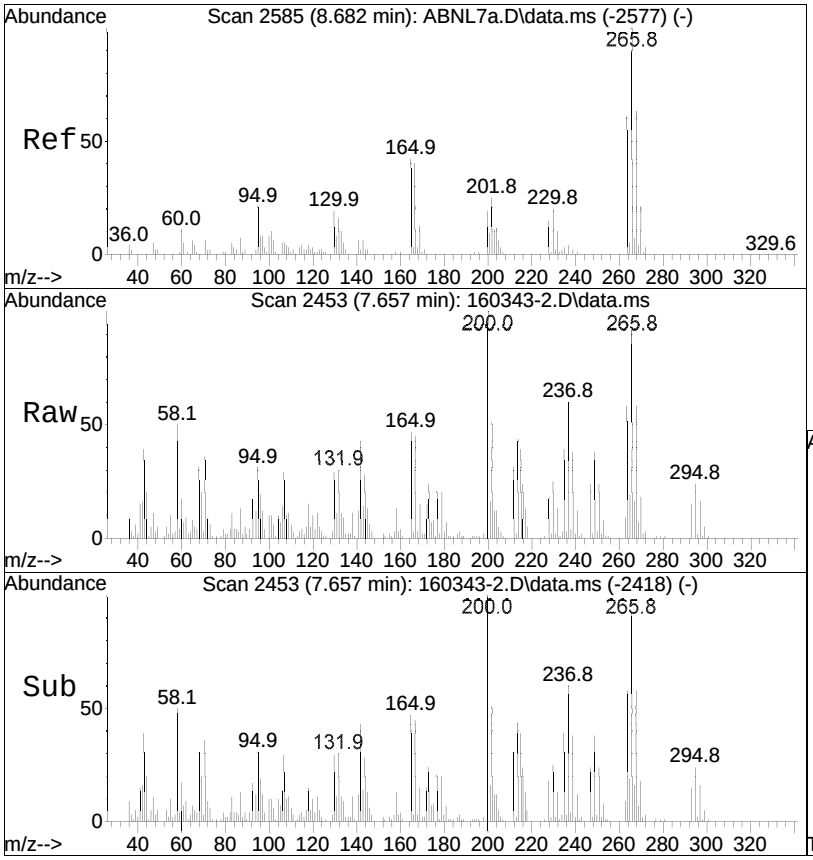


#81
Hexachlorobenzene
Concen: 30.13 ug/ml
RT: 7.438 min Scan# 2376
Delta R.T. -0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:284 Resp: 189436

Ion	Ratio	Lower	Upper
284	100		
142	43.6	35.8	53.6
249	43.9	24.7	37.1#

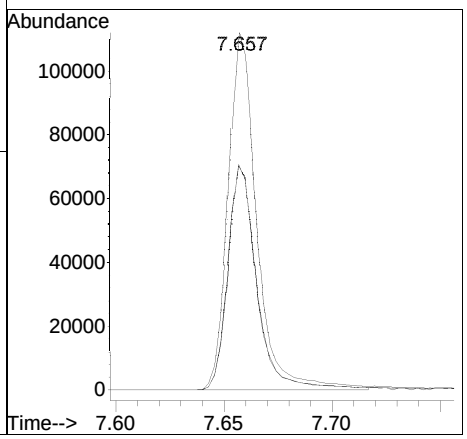


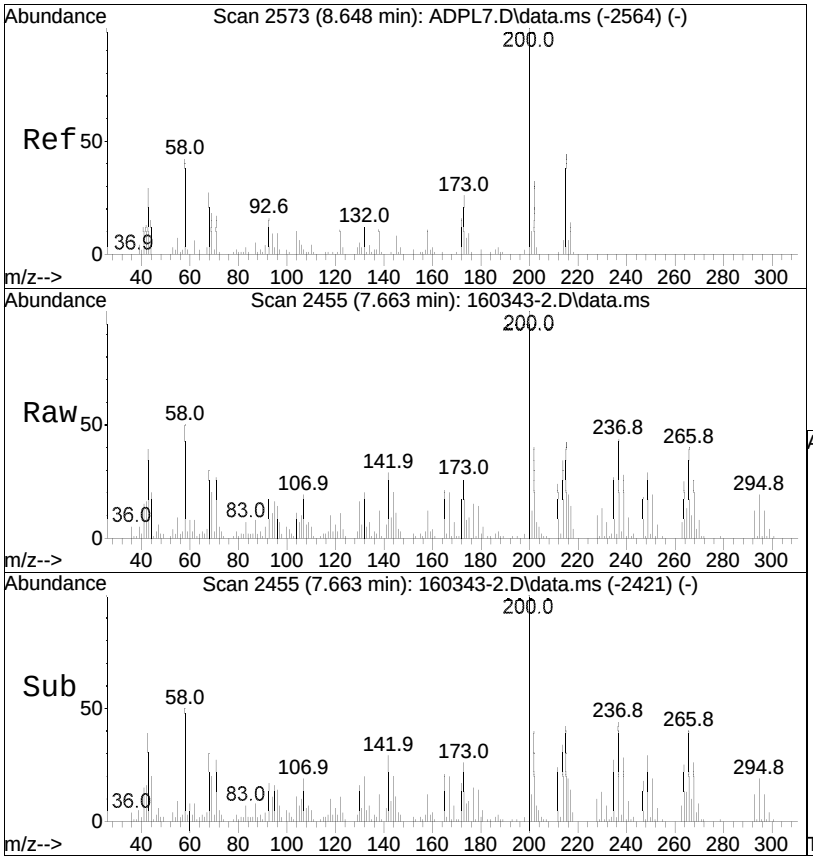


#82
Pentachlorophenol
Concen: 27.82 ug/ml
RT: 7.657 min Scan# 2453
Delta R.T. 0.000 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:266 Resp: 103098

Ion	Ratio	Lower	Upper
266	100		
264	64.4	51.8	77.6
268	63.0	49.8	74.8

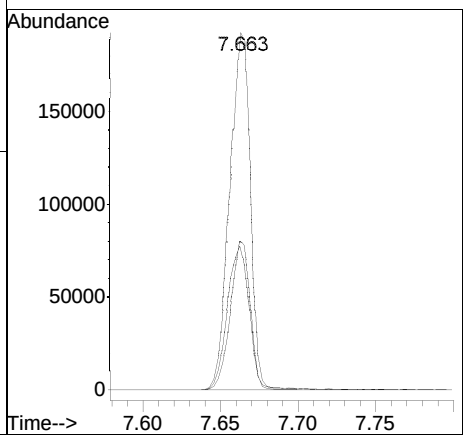


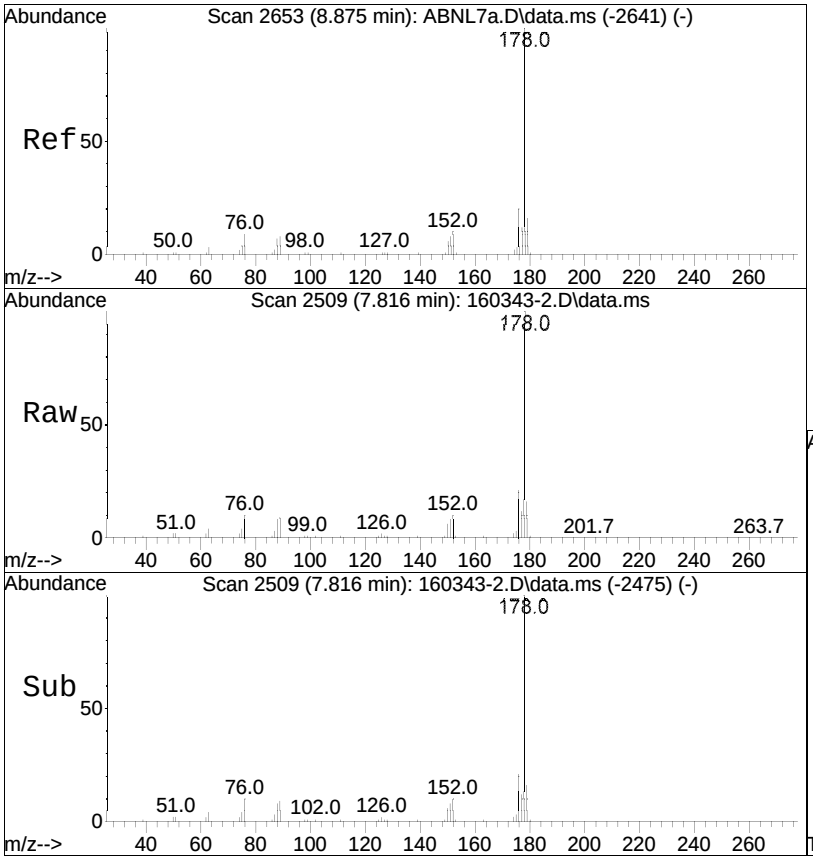


#87
Atrazine
Concen: 40.68 ug/ml
RT: 7.663 min Scan# 2455
Delta R.T. -0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:200 Resp: 176623

Ion	Ratio	Lower	Upper
200	100		
202	42.7	24.9	37.3#
215	39.9	34.0	51.0

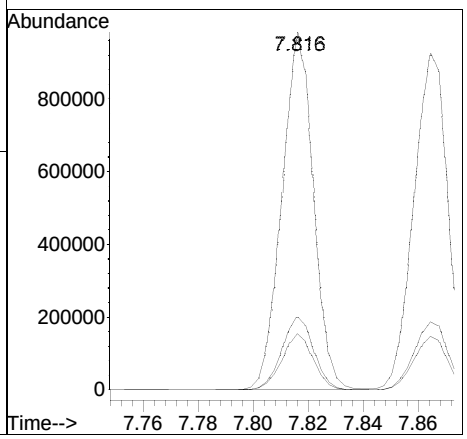


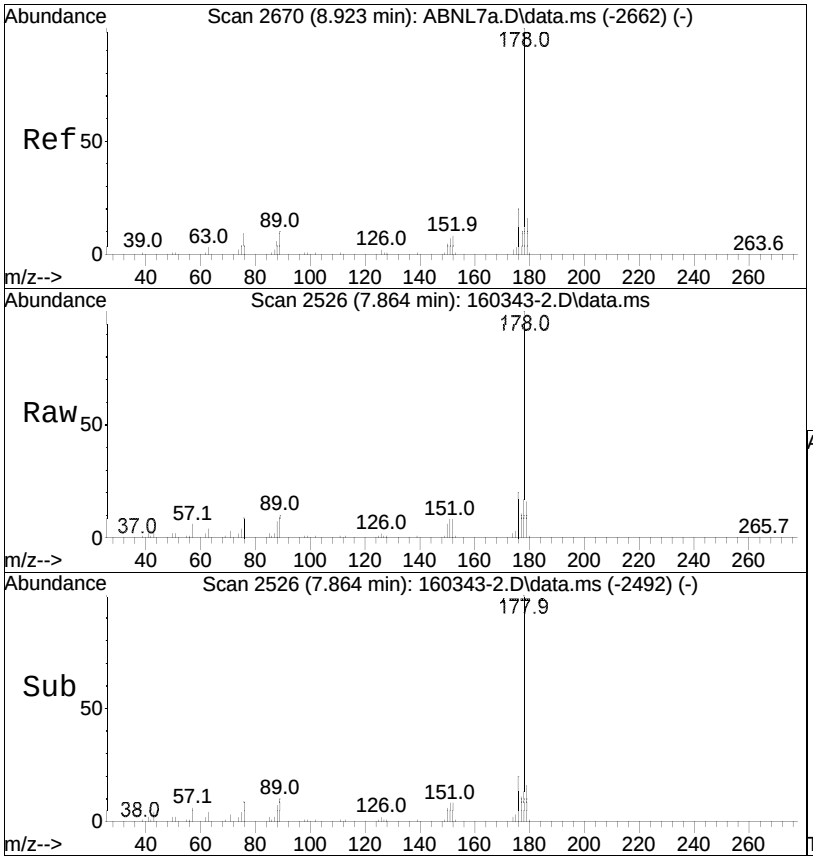


#89
Phenanthrene
Concen: 30.63 ug/ml
RT: 7.816 min Scan# 2509
Delta R.T. -0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:178 Resp: 782994

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	20.6	15.4	23.2

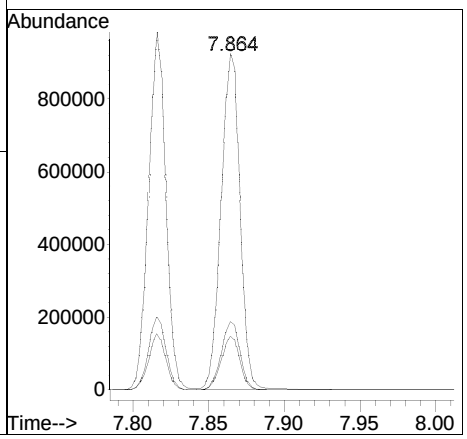


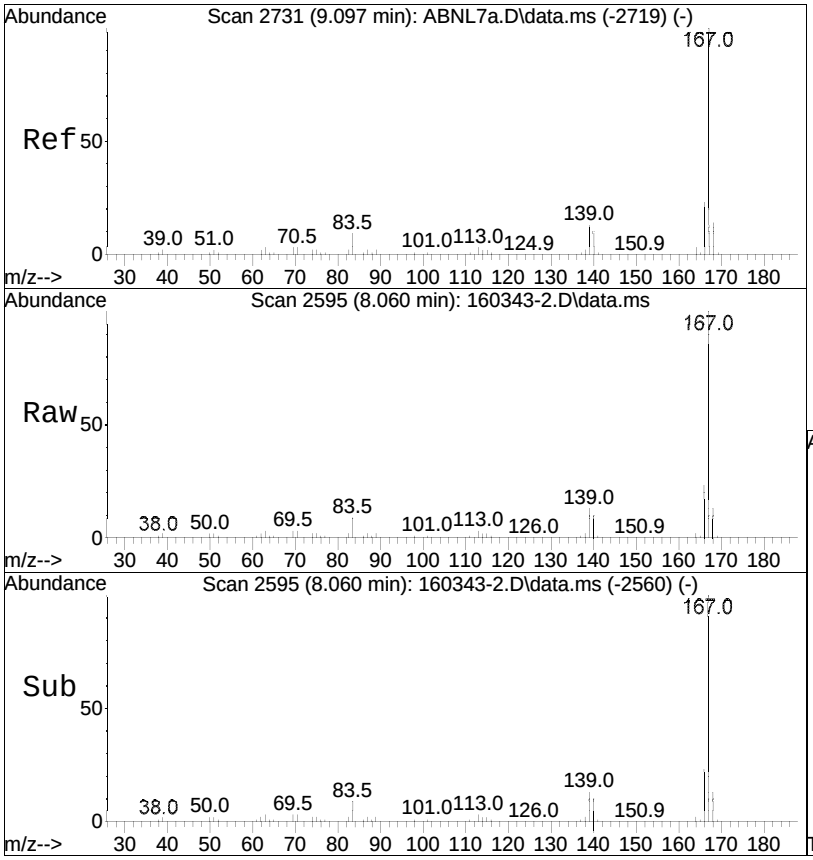


#90
Anthracene
Concen: 31.67 ug/ml
RT: 7.864 min Scan# 2526
Delta R.T. -0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:178 Resp: 803449

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.1	18.1
176	20.0	14.8	22.2

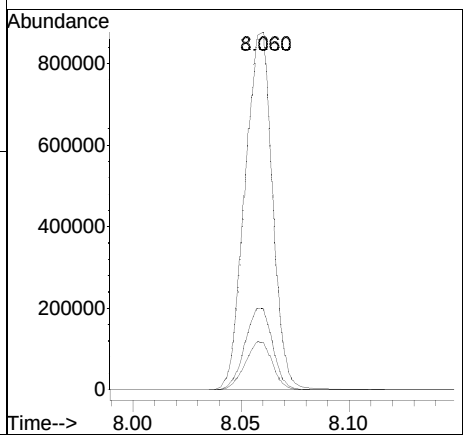


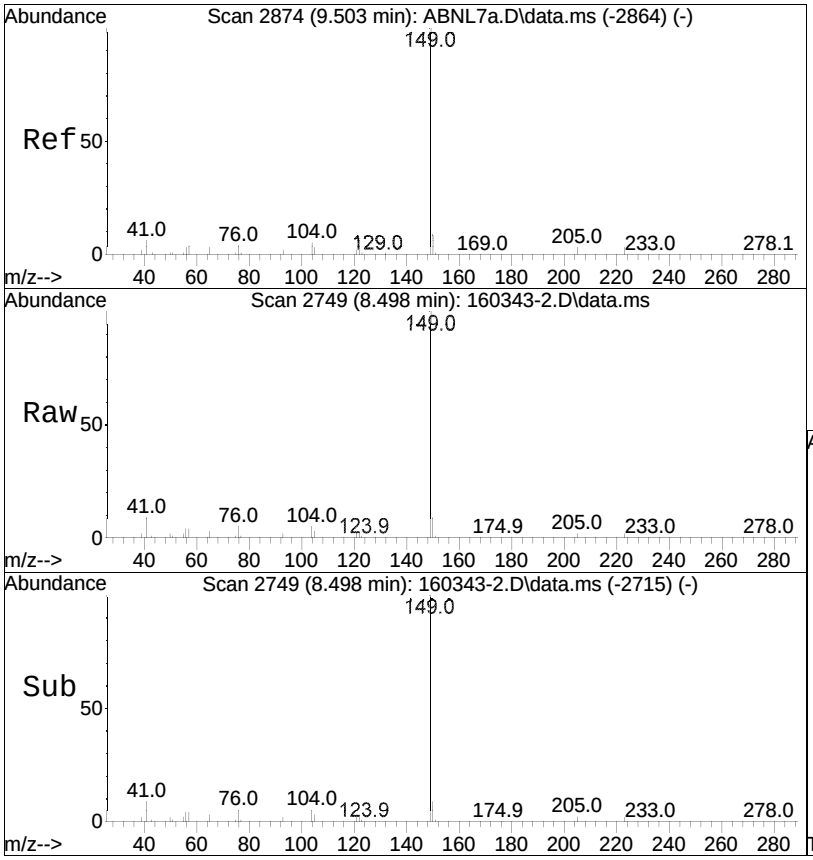


#91
Carbazole
Concen: 33.52 ug/ml
RT: 8.060 min Scan# 2595
Delta R.T. 0.000 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:167 Resp: 770891

Ion	Ratio	Lower	Upper
167	100		
168	13.4	10.6	15.8
166	23.0	17.7	26.5

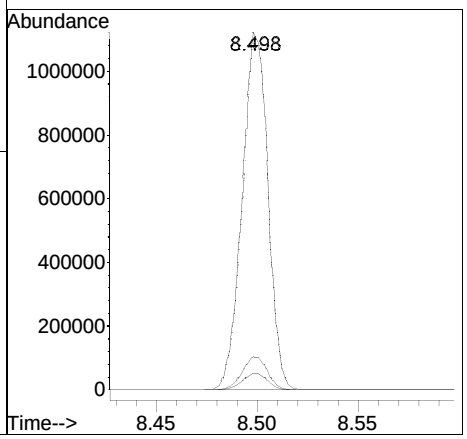


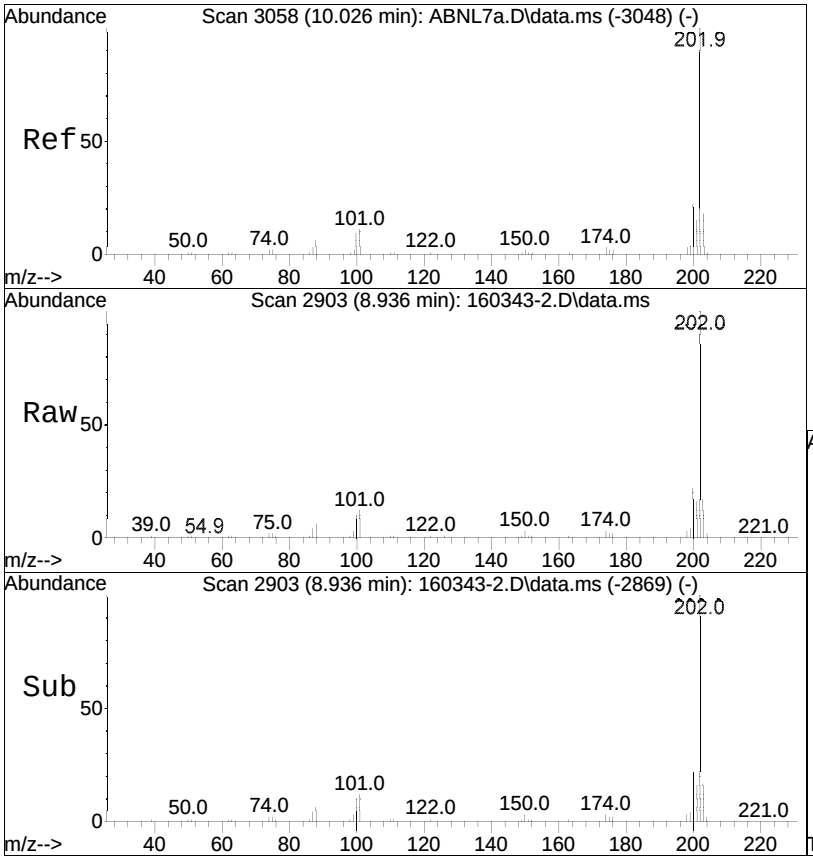


#92
Di-n-butylphthalate
Concen: 37.74 ug/ml
RT: 8.498 min Scan# 2749
Delta R.T. -0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:149 Resp: 981449

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.7	4.2	6.2

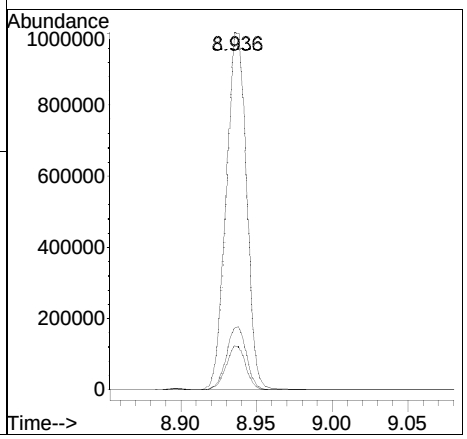


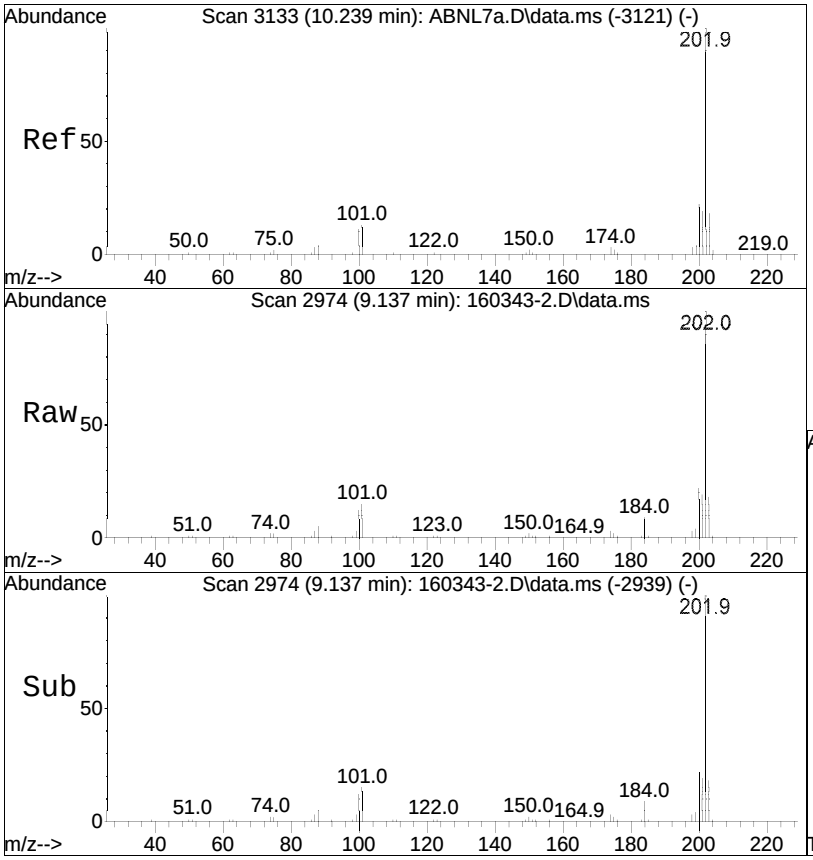


#93
Fluoranthene
Concen: 32.37 ug/ml
RT: 8.936 min Scan# 2903
Delta R.T. -0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:202 Resp: 927204

Ion	Ratio	Lower	Upper
202	100		
101	12.1	11.4	17.0
203	17.6	13.9	20.9

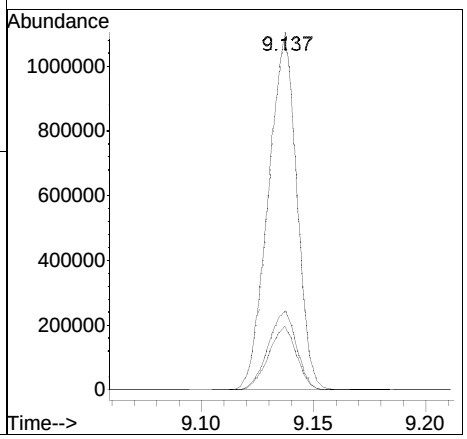


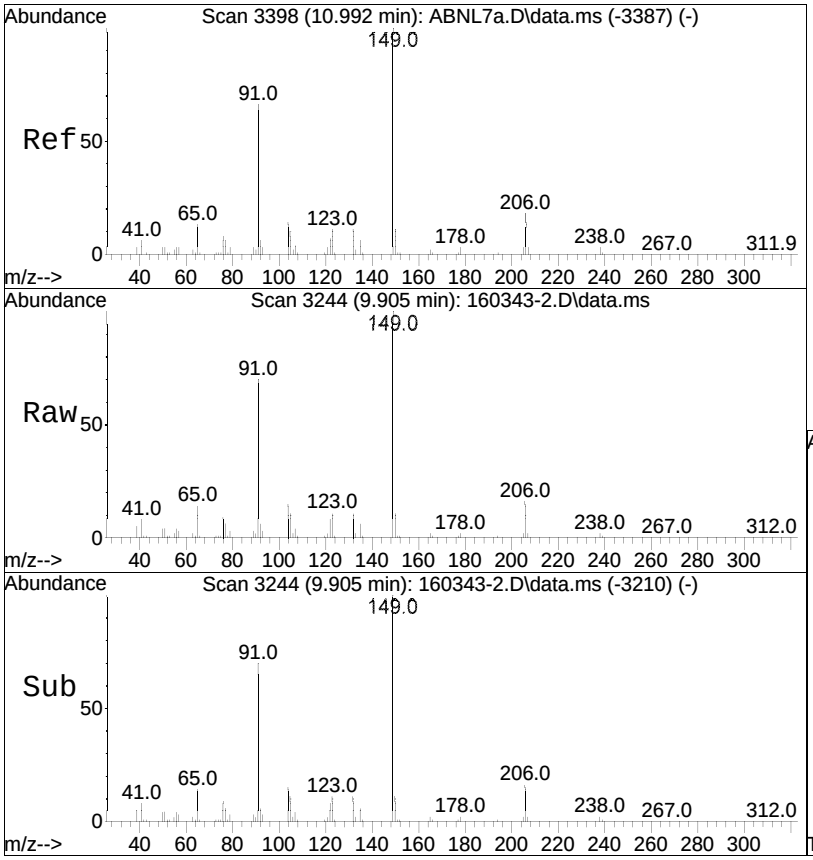


#95
Pyrene
Concen: 31.81 ug/ml
RT: 9.137 min Scan# 2974
Delta R.T. 0.000 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:202 Resp: 961986

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.0	25.4
203	17.8	14.2	21.2

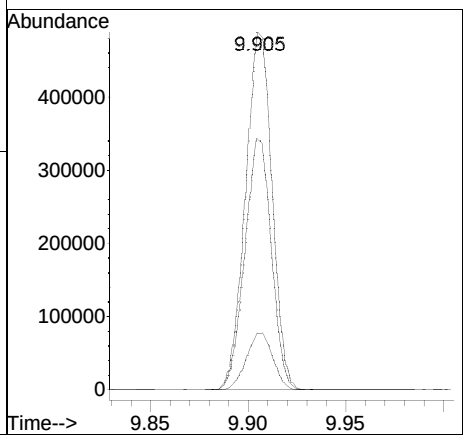


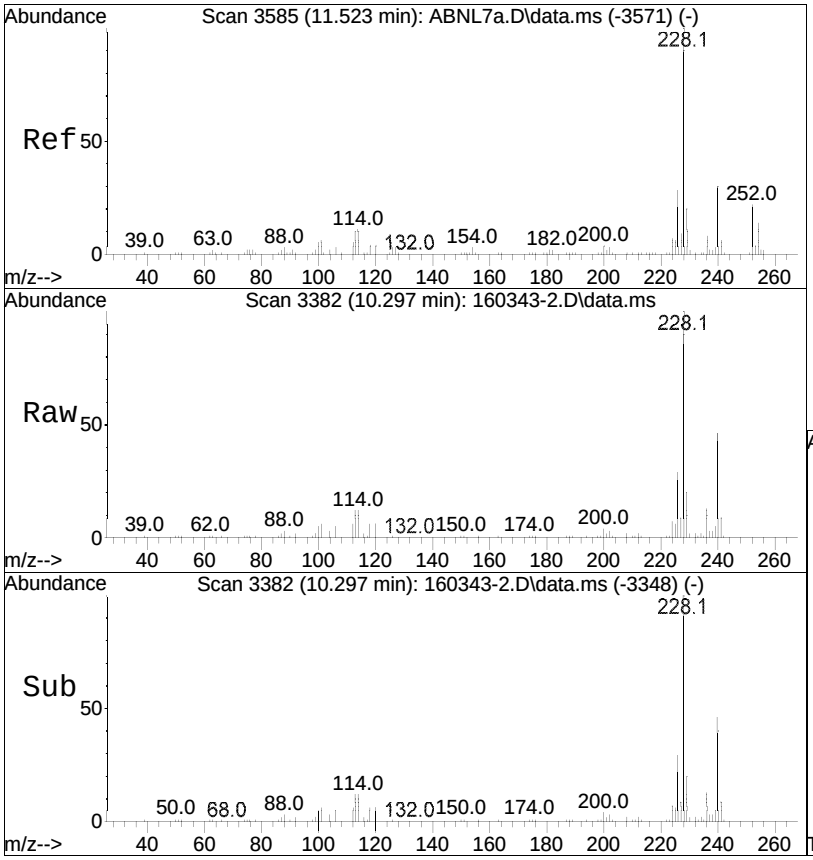


#97
Butyl benzyl phthalate
Concen: 39.64 ug/ml
RT: 9.905 min Scan# 3244
Delta R.T. -0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:149 Resp: 457011

Ion	Ratio	Lower	Upper
149	100		
91	70.1	61.2	91.8
206	15.9	12.5	18.7

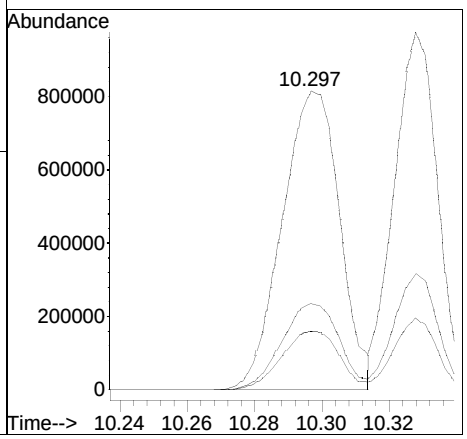


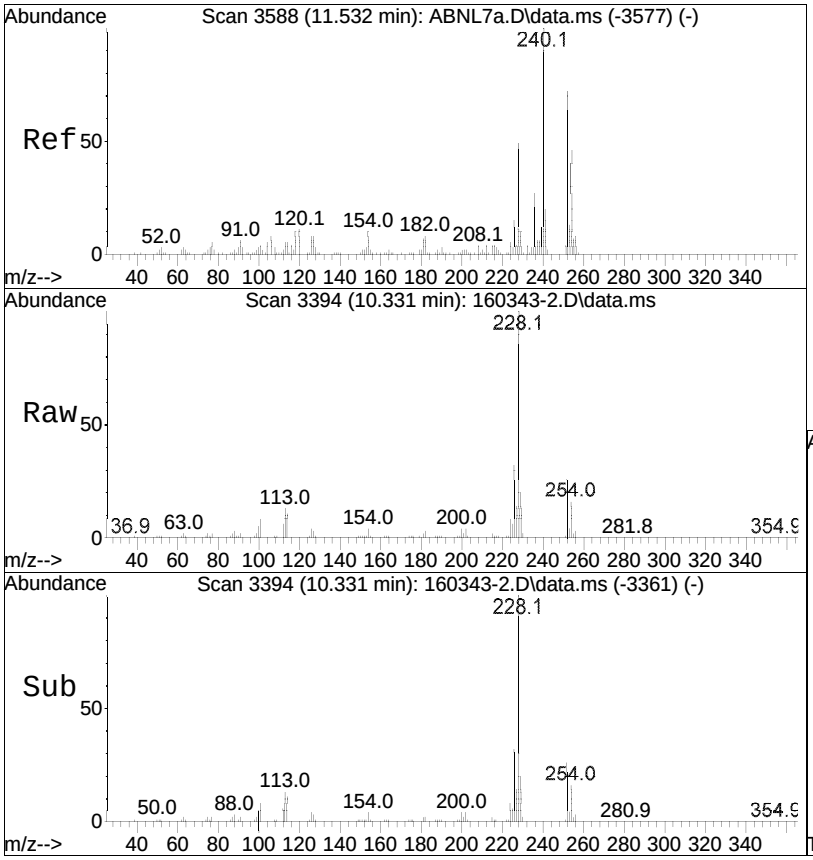


#105
Benzo(a)anthracene
Concen: 34.81 ug/ml
RT: 10.297 min Scan# 3382
Delta R.T. -0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:228 Resp: 968261

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.2	33.2
229	19.7	15.6	23.4

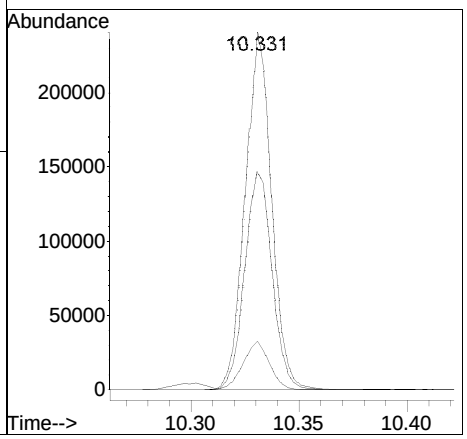


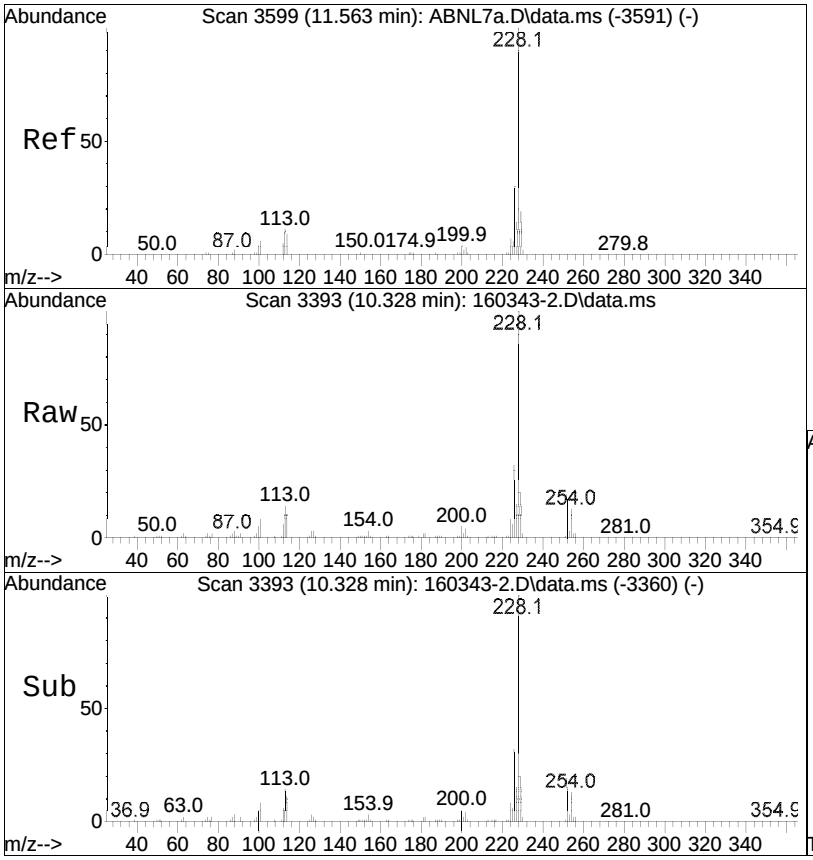


#106
3,3'-Dichlorobenzidine
Concen: 19.48 ug/ml
RT: 10.331 min Scan# 3394
Delta R.T. -0.006 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:252 Resp: 202172

Ion	Ratio	Lower	Upper
252	100		
126	13.7	13.8	20.6#
254	63.6	53.0	79.6

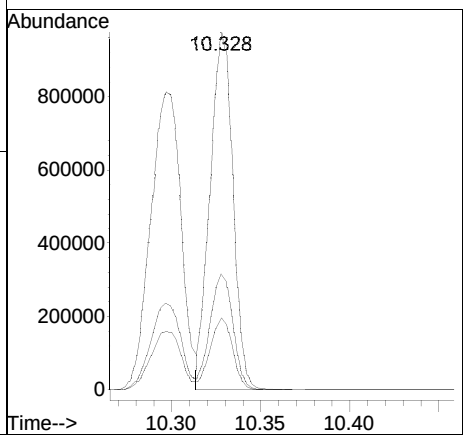


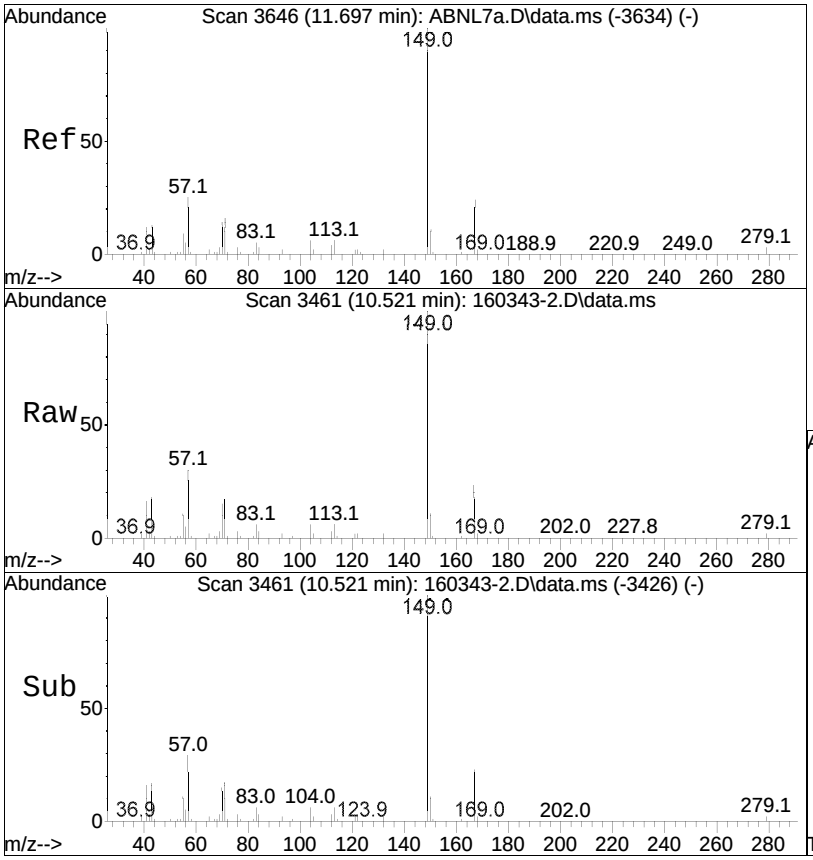


#107
Chrysene
Concen: 33.27 ug/ml
RT: 10.328 min Scan# 3393
Delta R.T. -0.006 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:228 Resp: 870973

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.6	37.0
229	19.7	15.8	23.6

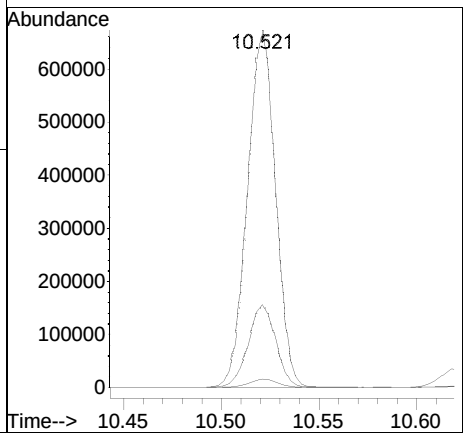


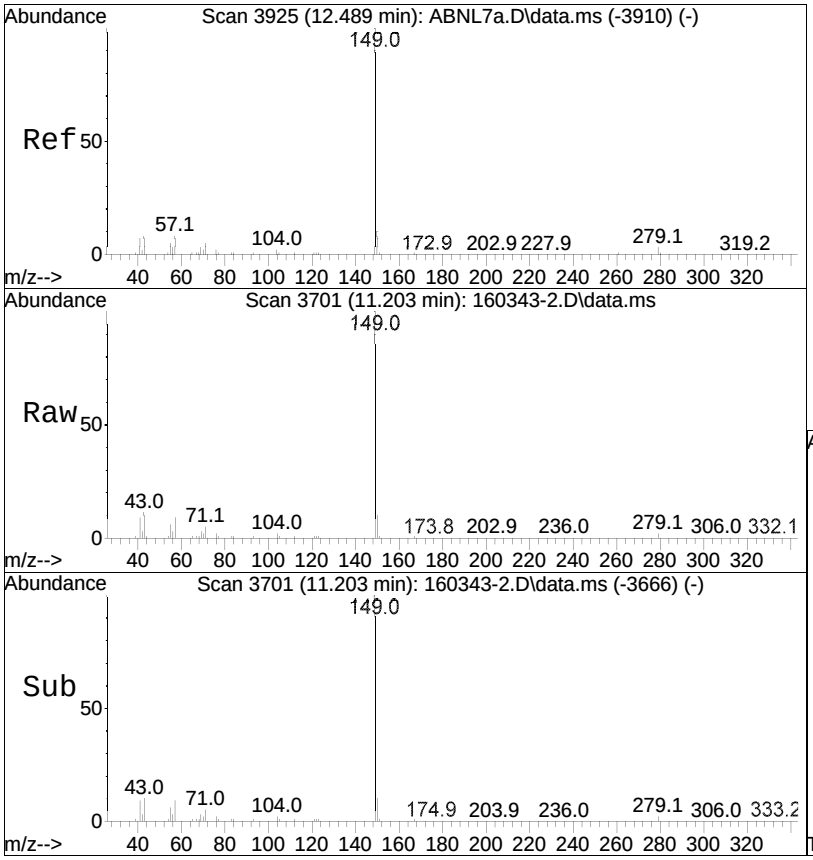


#108
Bis(2-ethylhexyl)phthalate
Concen: 44.37 ug/ml
RT: 10.521 min Scan# 3461
Delta R.T. 0.000 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:149 Resp: 664677

Ion	Ratio	Lower	Upper
149	100		
167	23.0	19.4	29.0
279	2.2	2.3	3.5#

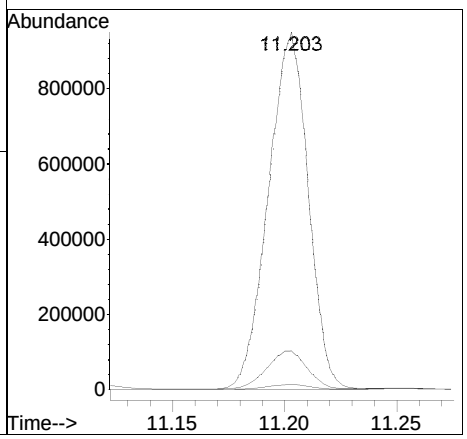


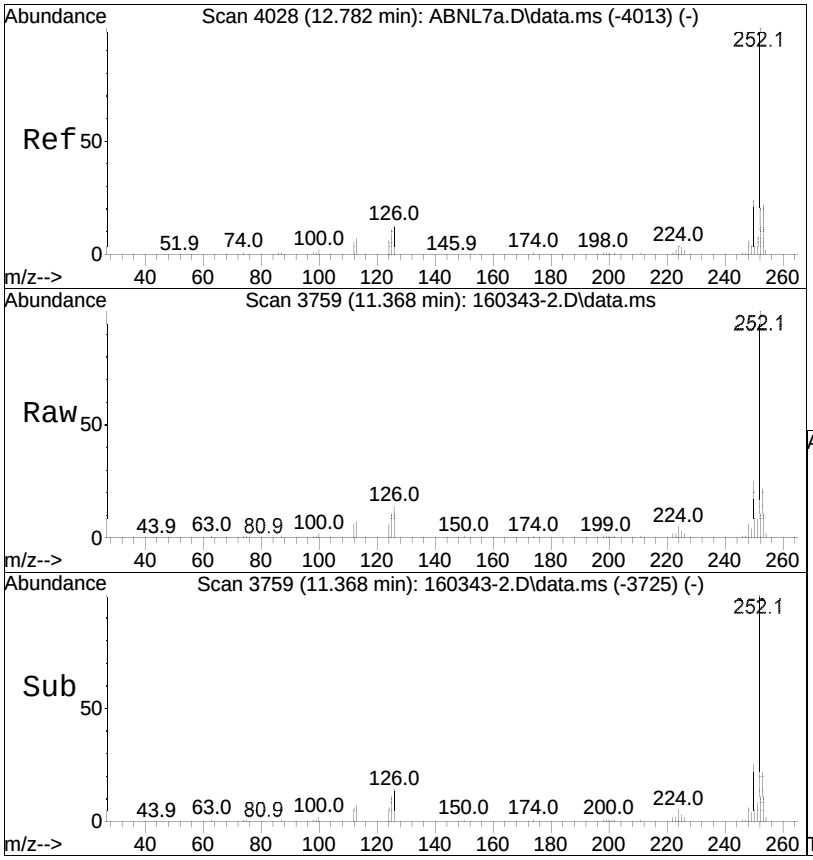


#109
Di-n-octylphthalate
Concen: 39.14 ug/ml
RT: 11.203 min Scan# 3701
Delta R.T. 0.000 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:149 Resp: 1158274

Ion	Ratio	Lower	Upper
149	100		
43	11.0	10.1	15.1
167	1.4	1.1	1.7

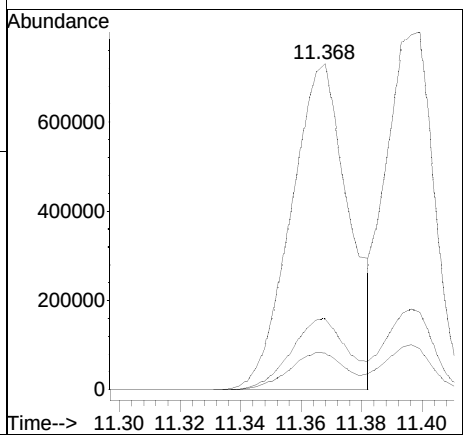


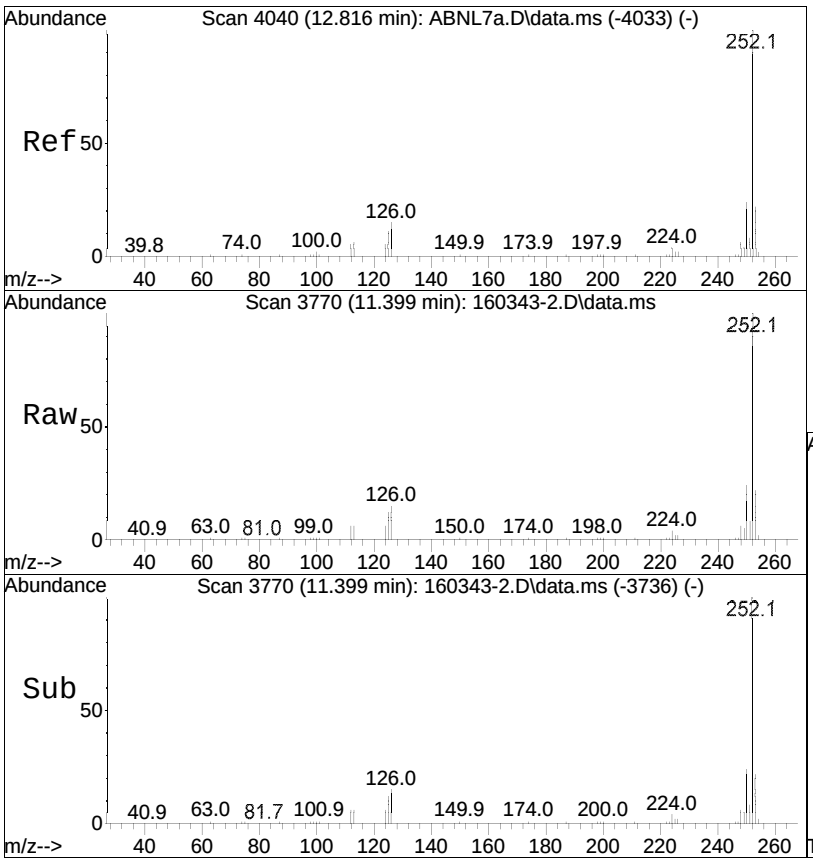


#110
Benzo(b)fluoranthene
Concen: 35.75 ug/ml
RT: 11.368 min Scan# 3759
Delta R.T. -0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:252 Resp: 967158

Ion	Ratio	Lower	Upper
252	100		
125	11.2	11.6	17.4#
253	21.8	17.4	26.0

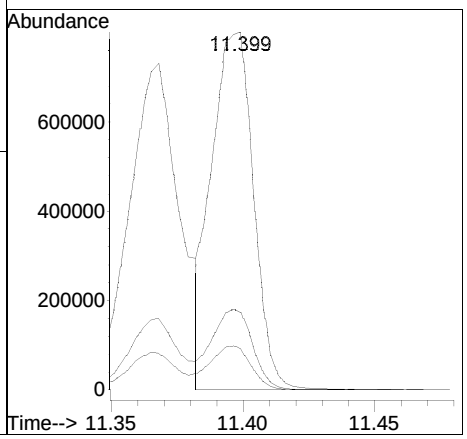


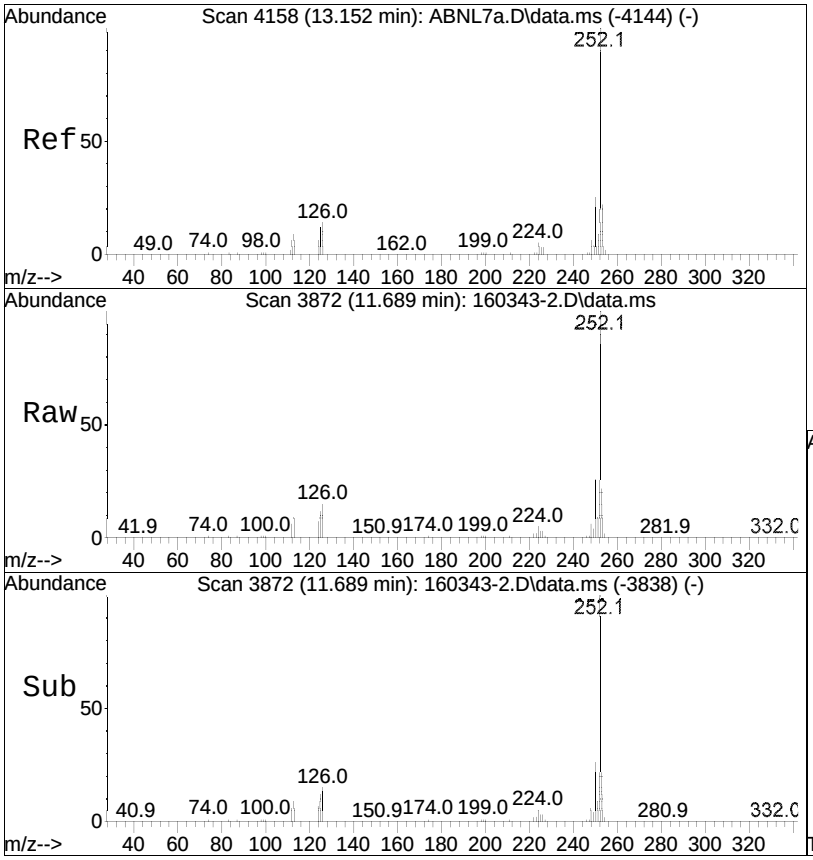


#111
Benzo(k)fluoranthene
Concen: 33.39 ug/ml
RT: 11.399 min Scan# 3770
Delta R.T. -0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:252 Resp: 881815

Ion	Ratio	Lower	Upper
252	100		
125	12.5	11.4	17.0
253	22.0	17.2	25.8

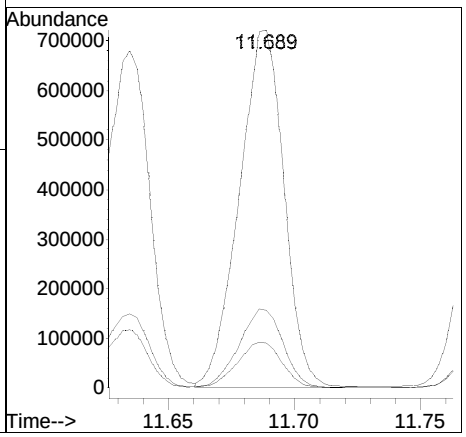


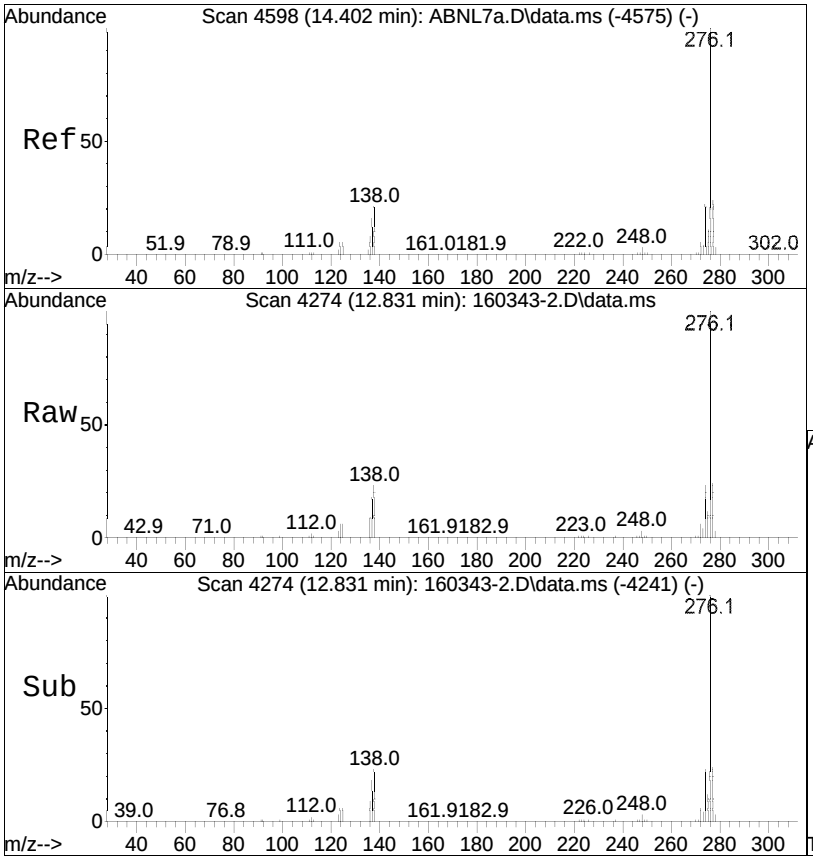


#112
Benzo(a)pyrene
Concen: 35.21 ug/ml
RT: 11.689 min Scan# 3872
Delta R.T. -0.003 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:252 Resp: 882966

Ion	Ratio	Lower	Upper
252	100		
125	12.9	12.6	18.8
253	21.8	16.9	25.3

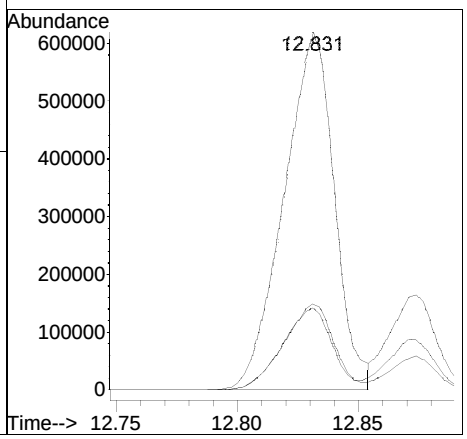


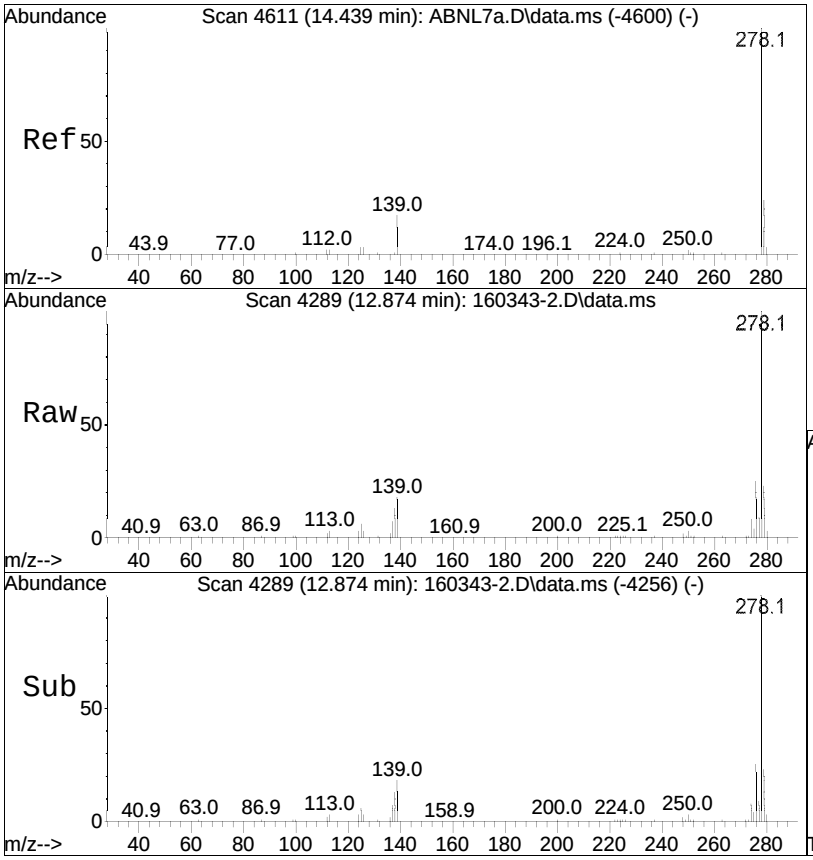


#114
Indeno(1,2,3-cd)pyrene
Concen: 34.05 ug/mL
RT: 12.831 min Scan# 4274
Delta R.T. -0.006 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:276 Resp: 888927

Ion	Ratio	Lower	Upper
276	100		
138	22.9	21.4	32.0
277	24.0	19.2	28.8

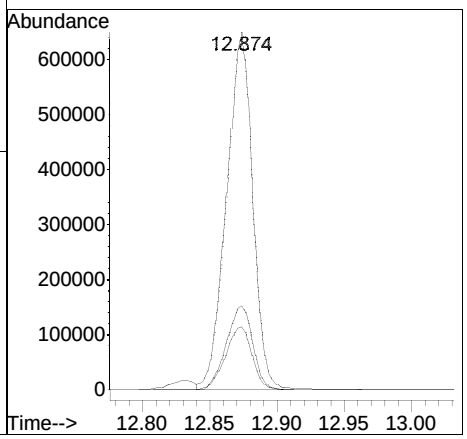


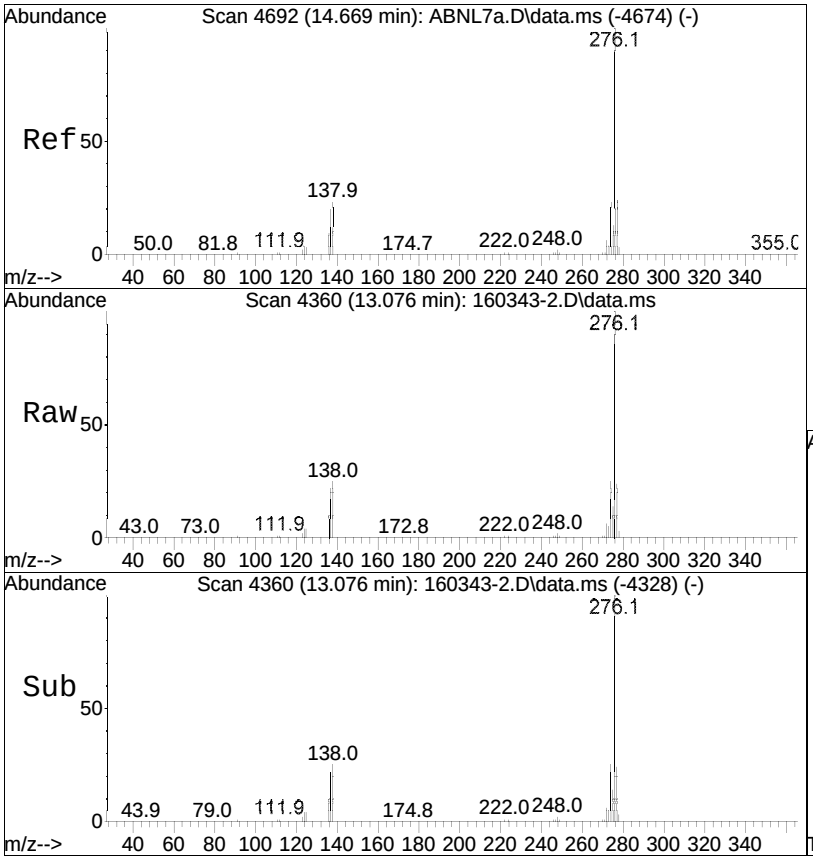


#115
Dibenzo(a,h)anthracene
Concen: 33.13 ug/ml
RT: 12.874 min Scan# 4289
Delta R.T. -0.006 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:278 Resp: 870254

Ion	Ratio	Lower	Upper
278	100		
139	18.0	17.1	25.7
279	24.0	19.3	28.9

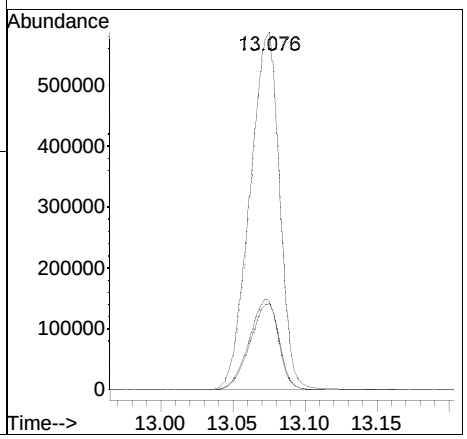




#116
Benzo(ghi)perylene
Concen: 32.02 ug/ml
RT: 13.076 min Scan# 4360
Delta R.T. -0.009 min
Lab File: 160343-2.D
Acq: 3 Jan 2026 9:09 am

Tgt Ion:276 Resp: 831102

Ion	Ratio	Lower	Upper
276	100		
138	25.2	26.7	40.1#
277	24.1	19.4	29.2



Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\251229\
Data File : 159340-2.D
Acq On : 29 Dec 2025 12:00 pm
Operator : GCMS5:cmm
Sample : WG2159340-2,32,,smc
Misc : wg2159627,WG2159340,ical22516
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 05:54:20 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 29 14:24:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\251229\ABN1229.D
: 2 - I:\8270\GCMS5\251229\ADP1229.D
: 3 - I:\8270\GCMS5\251229\AP91229.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	5.612	152	177905	40.000	ug/ml		0.00
Standard Area 1 = 207886			Recovery = 85.58%				
27) IS2_1,4-Dichlorobenzen...	5.612	152	177905	40.000	ug/ml		0.00
Standard Area 3 = 201235			Recovery = 88.41%				
32) IS3_1,4-Dichlorobenzen...	5.612	152	177905	40.000	ug/ml		0.00
Standard Area 2 = 199342			Recovery = 89.25%				
35) IS1_Naphthalene-d8	6.946	136	684733	40.000	ug/ml		0.00
Standard Area 1 = 830427			Recovery = 82.46%				
55) IS2_Naphthalene-d8	6.946	136	684733	40.000	ug/ml		0.00
Standard Area 3 = 774576			Recovery = 88.40%				
63) IS1_Acenaphthene-d10	8.685	164	416589	40.000	ug/ml		0.00
Standard Area 1 = 492520			Recovery = 84.58%				
83) IS2_Acenaphthene-d10	8.685	164	416615	40.000	ug/ml		0.00
Standard Area 3 = 468814			Recovery = 88.87%				
86) IS3_Acenaphthene-d10	8.685	164	416615	40.000	ug/ml		0.00
Standard Area 2 = 477897			Recovery = 87.18%				
88) IS1_Phenanthrene-d10	10.119	188	799459	40.000	ug/ml	#	0.00
Standard Area 1 = 999664			Recovery = 79.97%				
100) IS3_Phenanthrene-d10	10.119	188	799459	40.000	ug/ml	#	0.00
Standard Area 2 = 1027642			Recovery = 77.80%				
104) IS1_Chrysene-d12	12.851	240	807547	40.000	ug/ml		0.00
Standard Area 1 = 1046728			Recovery = 77.15%				
113) IS1_Perylene-d12	14.584	264	930056	40.000	ug/ml		0.00
Standard Area 1 = 1120829			Recovery = 82.98%				
System Monitoring Compounds							
4) 2-Fluorophenol	4.085	112	200581	40.378	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 80.76%				
7) Phenol-d6	5.289	99	278863	41.604	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 83.21%				
19) Nitrobenzene-d5	6.211	82	129975	21.285	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 85.14%				
46) 2-Fluorobiphenyl	8.045	172	285863	18.244	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 72.98%				
79) 2,4,6-Tribromophenol	9.455	330	86789	33.362	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 66.72%				

Data Path : I:\8270\GCMS5\251229\
Data File : 159340-2.D
Acq On : 29 Dec 2025 12:00 pm
Operator : GCMS5:cmm
Sample : WG2159340-2,32,,smc
Misc : wg2159627,WG2159340,ical22516
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 05:54:20 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 29 14:24:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\251229\ABN1229.D
: 2 - I:\8270\GCMS5\251229\ADP1229.D
: 3 - I:\8270\GCMS5\251229\AP91229.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	11.705	244	405747	17.675	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 70.70%

Target Compounds						Qvalue
6) 2-Chlorophenol	5.389	128	185276	31.096	ug/ml	96
8) Phenol	5.301	94	239971	34.000	ug/ml#	64
9) Bis(2-chloroethyl)ether	5.354	93	163033	31.510	ug/ml	99
14) Bis(2-chloroisopropyl)...	5.953	45	175283	20.531	ug/ml#	70
15) 2-Methylphenol	5.959	108	175573	33.372	ug/ml	96
16) Hexachloroethane	6.153	117	74528	28.733	ug/ml	85
17) n-Nitrosodi-n-propylamine	6.088	70	153200	36.204	ug/ml#	89
18) 3-Methylphenol/4-Methy...	6.129	108	204832	36.222	ug/ml	98
20) Nitrobenzene	6.235	77	214570	35.162	ug/ml	89
21) Isophorone	6.493	82	383045	34.436	ug/ml	95
22) 2-Nitrophenol	6.570	139	104588	34.417	ug/ml#	89
23) 2,4-Dimethylphenol	6.664	107	198163	33.822	ug/ml	96
24) Bis(2-chloroethoxy)met...	6.746	93	228606	32.362	ug/ml	98
25) 2,4-Dichlorophenol	6.828	162	181507	31.957	ug/ml	98
28) Benzaldehyde	5.113	105	138254	37.547	ug/ml	94
29) Acetophenone	6.065	105	270675	35.902	ug/ml#	88
36) Naphthalene	6.969	128	546875	29.714	ug/ml	99
38) 4-Chloroaniline	7.046	65	55009M3	23.975	ug/ml	
39) Hexachlorobutadiene	7.122	225	112738	28.777	ug/ml	98
40) p-Chloro-m-cresol	7.569	107	175515	34.985	ug/ml	93
41) 2-Methylnaphthalene	7.669	142	358287	31.273	ug/ml	93
43) Hexachlorocyclopentadiene	7.839	237	131077	27.350	ug/ml	98
44) 2,4,6-Trichlorophenol	7.962	196	146385	31.871	ug/ml	99
45) 2,4,5-Trichlorophenol	8.004	196	161002	31.911	ug/ml	97
47) 2-Chloronaphthalene	8.139	162	385608	29.213	ug/ml	97
48) 2-Nitroaniline	8.256	138	132532	33.927	ug/ml#	81
51) Dimethyl phthalate	8.456	163	461981	28.860	ug/ml#	98
52) Acenaphthylene	8.544	152	659594	29.650	ug/ml	98
53) 2,6-Dinitrotoluene	8.503	165	102629	32.623	ug/ml	95
60) Caprolactam	7.369	55	82062	33.191	ug/ml#	88
61) 1,2,4,5-Tetrachloroben...	7.839	216	220106	32.987	ug/ml	99
62) Biphenyl	8.133	154	498810	32.893	ug/ml	98
64) 3-Nitroaniline	8.656	138	70501	20.219	ug/ml#	80

Data Path : I:\8270\GCMS5\251229\
Data File : 159340-2.D
Acq On : 29 Dec 2025 12:00 pm
Operator : GCMS5:cmm
Sample : WG2159340-2,32,,smc
Misc : wg2159627,WG2159340,ical22516
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 05:54:20 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 29 14:24:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\251229\ABN1229.D
: 2 - I:\8270\GCMS5\251229\ADP1229.D
: 3 - I:\8270\GCMS5\251229\AP91229.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65)	Acenaphthene	8.714	154	357801	29.646	ug/ml	92
66)	2,4-Dinitrophenol	8.761	184	71636	30.720	ug/ml	99
67)	Dibenzofuran	8.885	168	575652	29.197	ug/ml	96
68)	2,4-Dinitrotoluene	8.891	165	142913	25.737	ug/ml	96
69)	4-Nitrophenol	8.861	65	102794	37.676	ug/ml	85
71)	2,3,4,6-Tetrachlorophenol	9.020	232	135258	30.964	ug/ml	100
72)	Diethyl phthalate	9.149	149	464682	30.484	ug/ml	99
73)	Fluorene	9.220	166	471745	29.452	ug/ml	95
74)	4-Chlorophenyl phenyl ...	9.231	204	224971	29.159	ug/ml	97
75)	4-Nitroaniline	9.249	138	109942	29.632	ug/ml#	82
76)	4,6-Dinitro-o-cresol	9.284	198	95932	32.425	ug/ml	95
77)	NDPA/DPA	9.349	169	393173	29.478	ug/ml	91
80)	4-Bromophenyl phenyl e...	9.702	248	145187	29.346	ug/ml	97
81)	Hexachlorobenzene	9.760	284	158773	27.092	ug/ml	97
82)	Pentachlorophenol	9.960	266	106054	24.807	ug/ml	99
87)	Atrazine	9.890	200	141312	29.287	ug/ml	95
89)	Phenanthrene	10.142	178	699168	29.496	ug/ml	99
90)	Anthracene	10.195	178	717308	30.283	ug/ml	99
91)	Carbazole	10.360	167	672468	30.026	ug/ml	96
92)	Di-n-butylphthalate	10.742	149	777160	32.440	ug/ml	100
93)	Fluoranthene	11.300	202	845601	30.368	ug/ml#	96
95)	Pyrene	11.517	202	881565	29.257	ug/ml	99
97)	Butyl benzyl phthalate	12.257	149	370314	29.878	ug/ml	91
105)	Benzo(a)anthracene	12.839	228	904730	33.199	ug/ml	99
106)	3,3'-Dichlorobenzidine	12.839	252	225945	23.215	ug/ml	97
107)	Chrysene	12.880	228	852832	34.064	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	12.968	149	557025	40.233	ug/ml#	94
109)	Di-n-octylphthalate	13.767	149	979667	42.630	ug/ml	96
110)	Benzo(b)fluoranthene	14.132	252	927518	35.151	ug/ml#	96
111)	Benzo(k)fluoranthene	14.167	252	854809	32.274	ug/ml	97
112)	Benzo(a)pyrene	14.514	252	864378	34.599	ug/ml	96
114)	Indeno(1,2,3-cd)pyrene	15.777	276	864023M6	32.144	ug/mL	
115)	Dibenzo(a,h)anthracene	15.806	278	810336	29.632	ug/ml	96
116)	Benzo(ghi)perylene	16.053	276	782474	30.001	ug/ml	94

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\251229\
Data File : 159340-2.D
Acq On : 29 Dec 2025 12:00 pm
Operator : GCMS5:cmm
Sample : WG2159340-2,32,,smc
Misc : wg2159627,WG2159340,ical22516
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 05:54:20 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 29 14:24:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\251229\ABN1229.D
: 2 - I:\8270\GCMS5\251229\ADP1229.D
: 3 - I:\8270\GCMS5\251229\AP91229.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

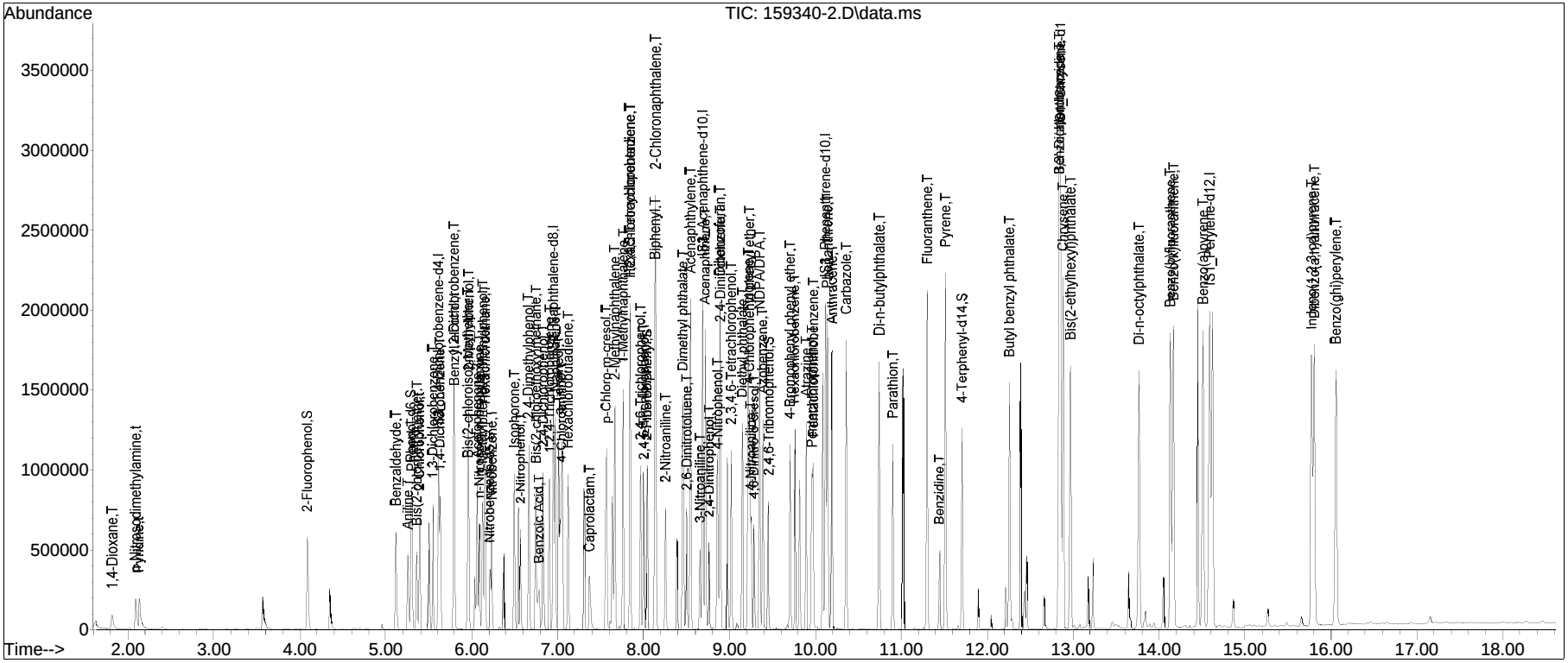
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

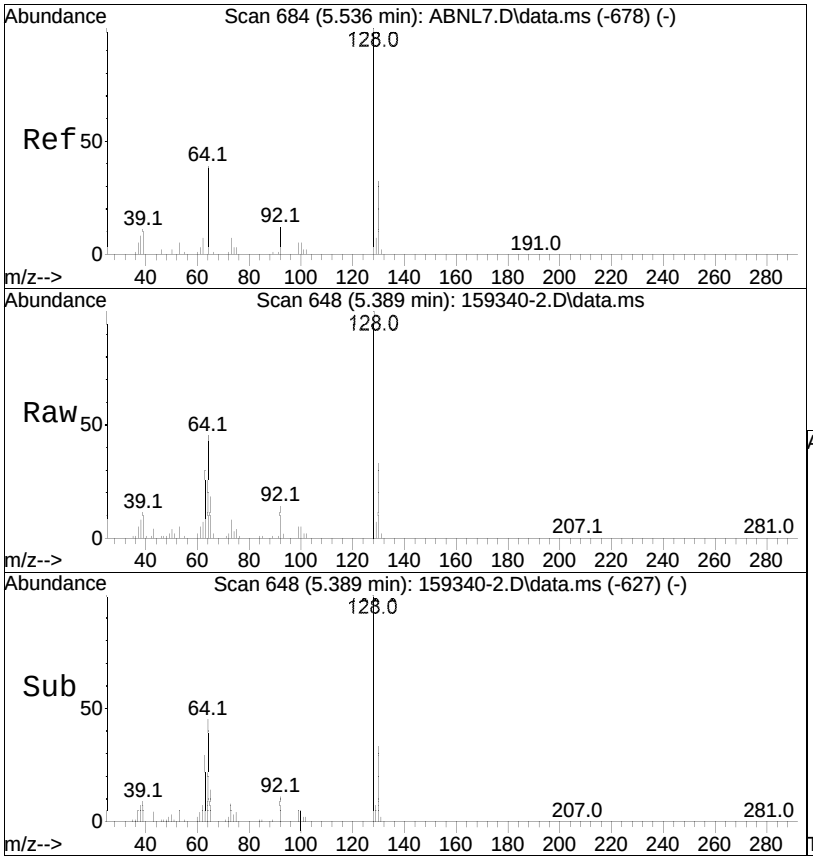
Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\251229\
Data File : 159340-2.D
Acq On : 29 Dec 2025 12:00 pm
Operator : GCMS5:cmm
Sample : WG2159340-2,32,,smc
Misc : wg2159627,WG2159340,ical22516
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 05:54:20 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 29 14:24:00 2025
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MA\AP91229.D•

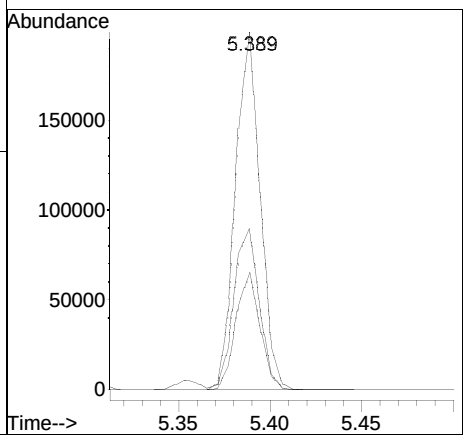


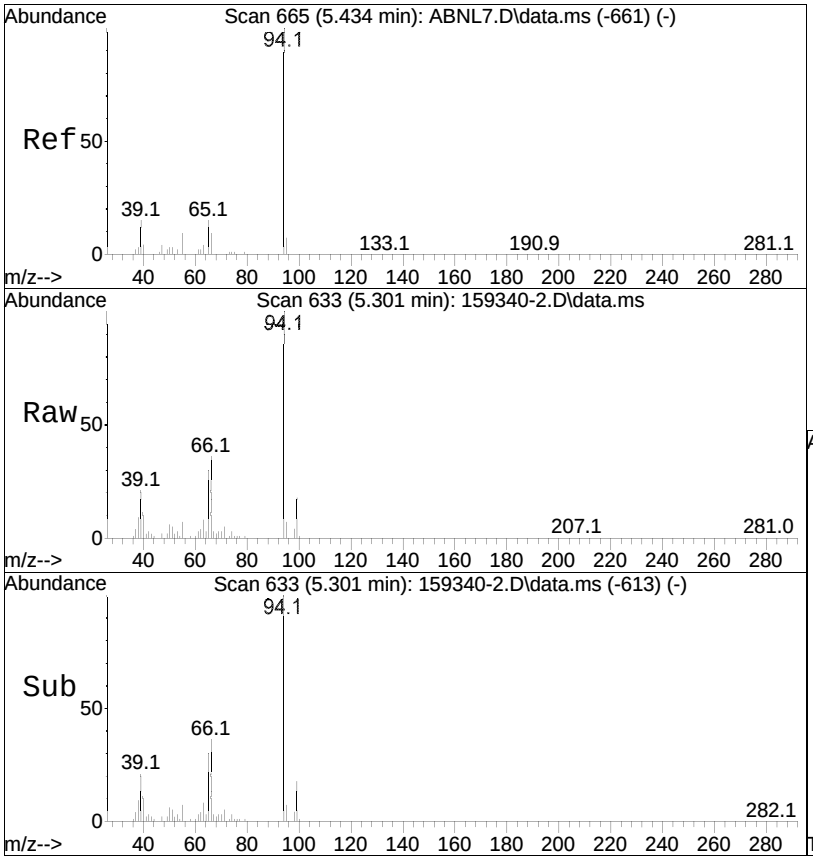


#6
2-Chlorophenol
Concen: 31.10 ug/ml
RT: 5.389 min Scan# 648
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:128 Resp: 185276

Ion	Ratio	Lower	Upper
128	100		
64	46.6	33.5	50.3
130	32.4	25.9	38.9

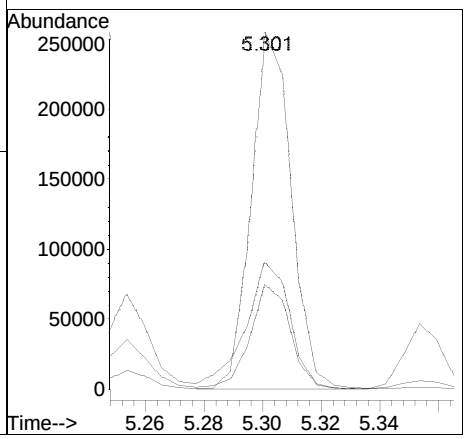


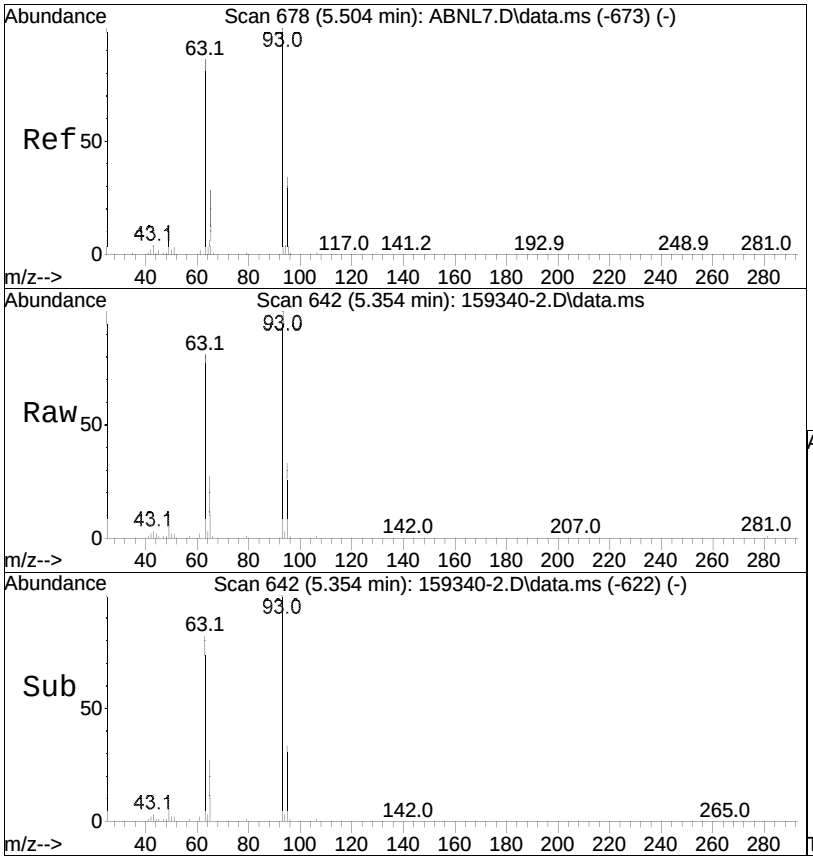


#8
Phenol
Concen: 34.00 ug/ml
RT: 5.301 min Scan# 633
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion: 94 Resp: 239971

Ion	Ratio	Lower	Upper
94	100		
65	29.7	38.8	58.2#
66	40.2	60.3	90.5#

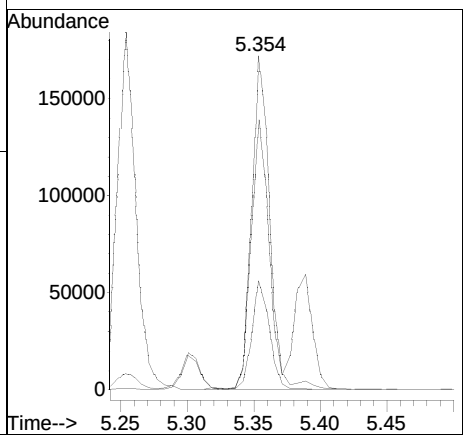


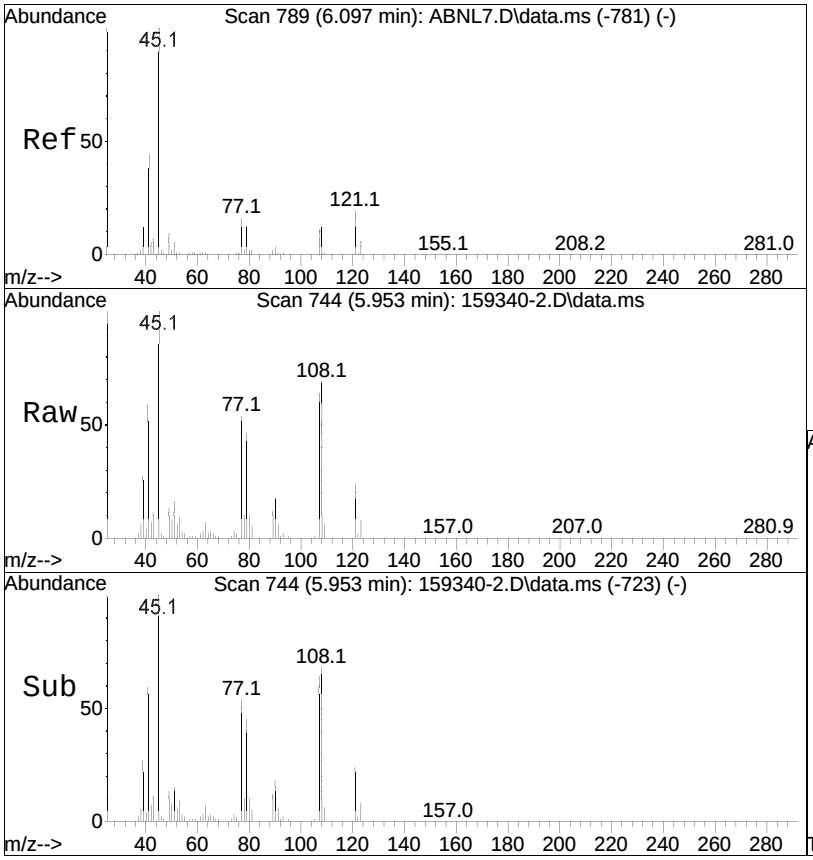


#9
Bis(2-chloroethyl)ether
Concen: 31.51 ug/ml
RT: 5.354 min Scan# 642
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion: 93 Resp: 163033

Ion	Ratio	Lower	Upper
93	100		
63	78.9	63.0	94.6
95	31.6	26.3	39.5

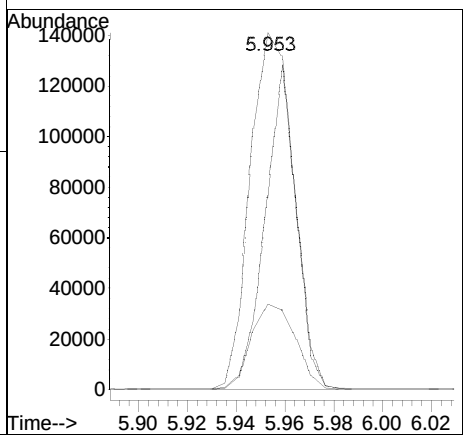


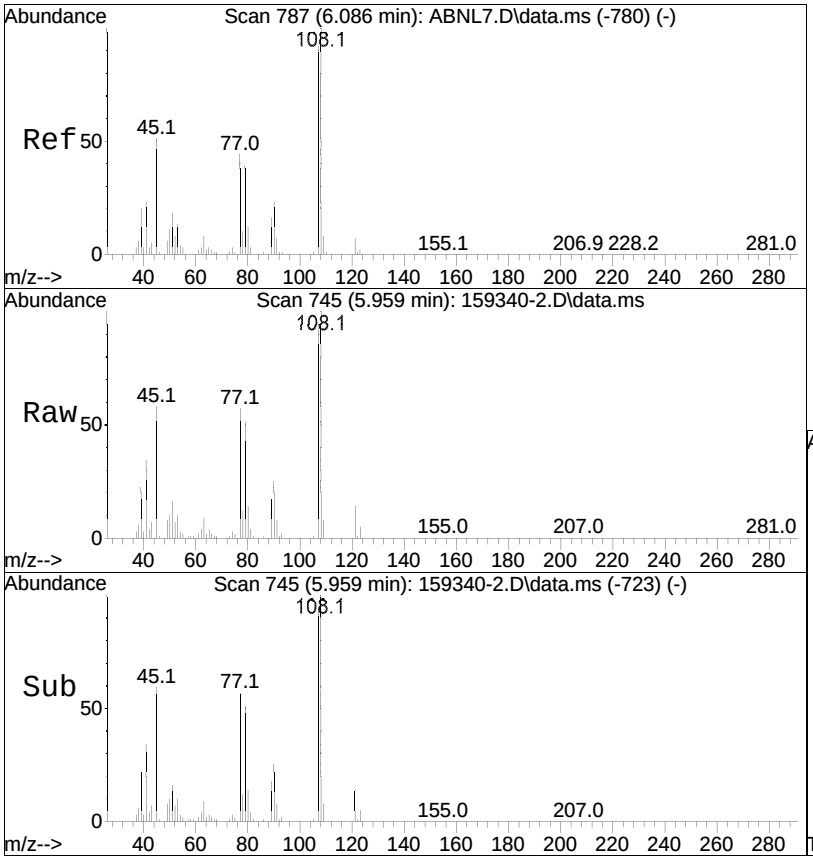


#14
Bis(2-chloroisopropyl)ether
Concen: 20.53 ug/ml
RT: 5.953 min Scan# 744
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion: 45 Resp: 175283

Ion	Ratio	Lower	Upper
45	100		
121	24.2	16.0	24.0#
77	64.8	32.1	48.1#

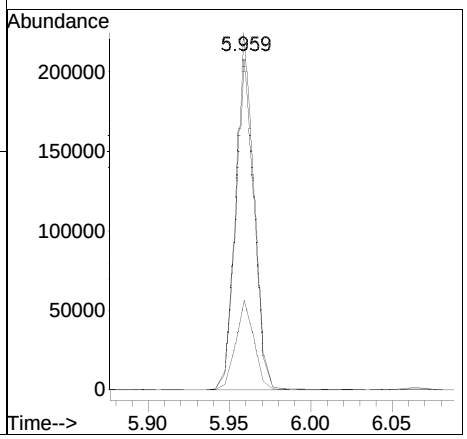


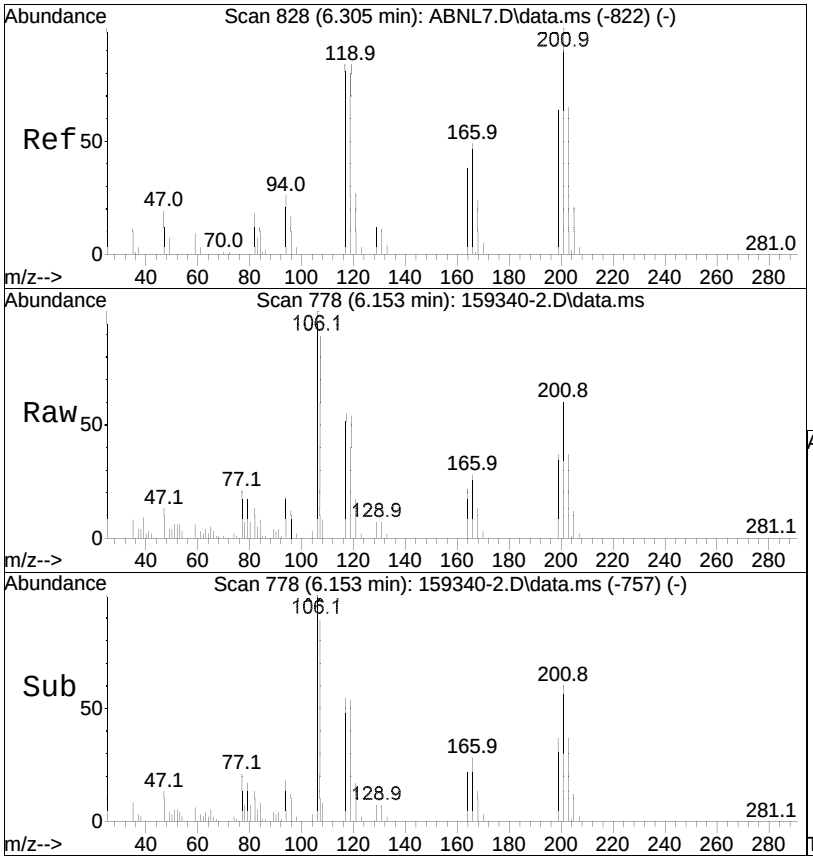


#15
2-Methylphenol
Concen: 33.37 ug/ml
RT: 5.959 min Scan# 745
Delta R.T. 0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:108 Resp: 175573

Ion	Ratio	Lower	Upper
108	100		
107	92.3	70.3	105.5
90	25.0	18.7	28.1

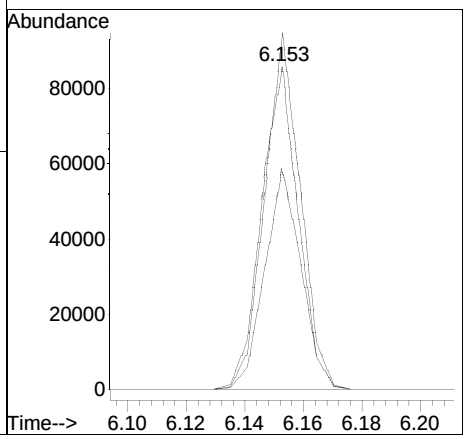


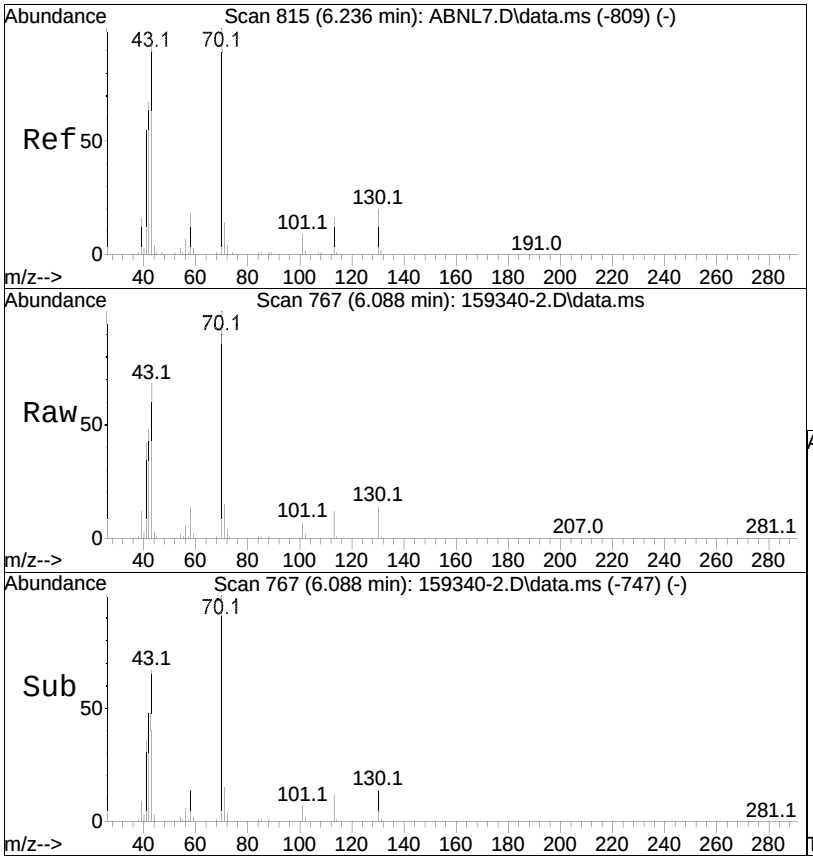


#16
Hexachloroethane
Concen: 28.73 ug/ml
RT: 6.153 min Scan# 778
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:117 Resp: 74528

Ion	Ratio	Lower	Upper
117	100		
201	107.4	73.4	110.0
199	67.6	45.9	68.9

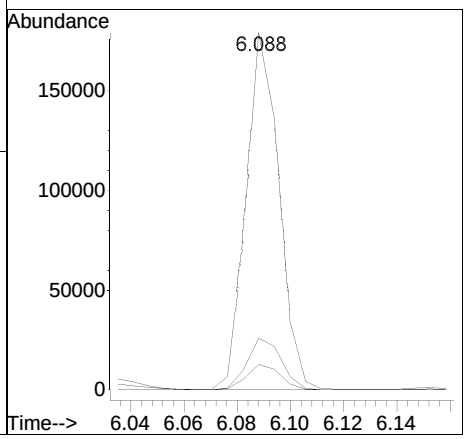


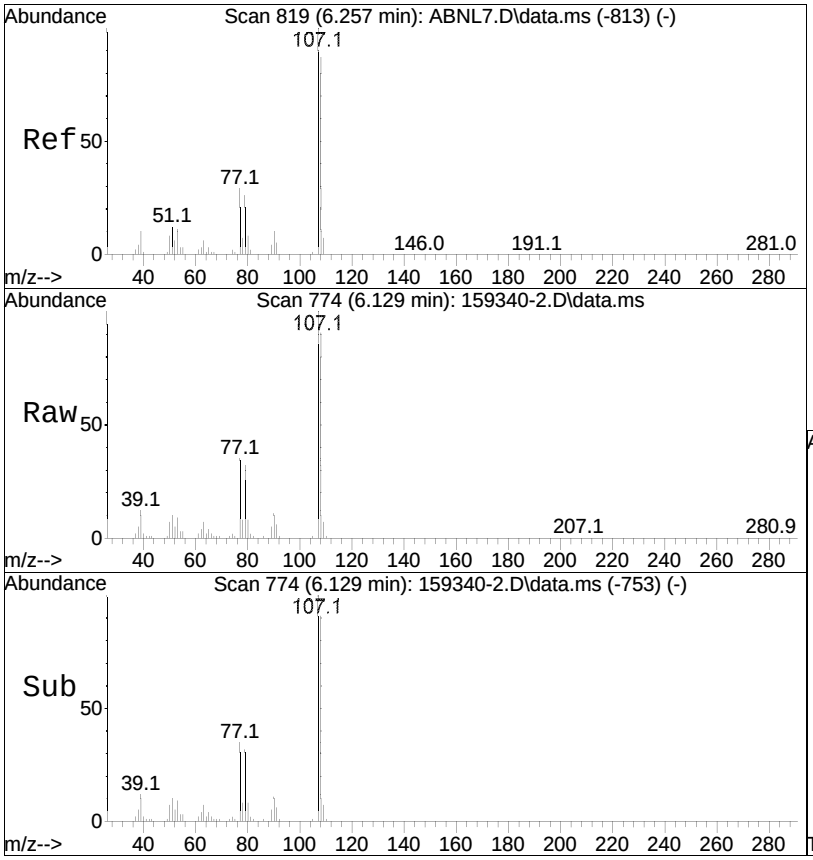


#17
n-Nitrosodi-n-propylamine
Concen: 36.20 ug/ml
RT: 6.088 min Scan# 767
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion: 70 Resp: 153200

Ion	Ratio	Lower	Upper
70	100		
130	14.9	17.1	25.7#
101	7.2	7.0	10.4

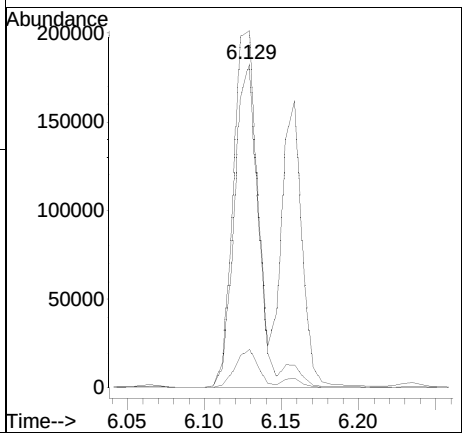


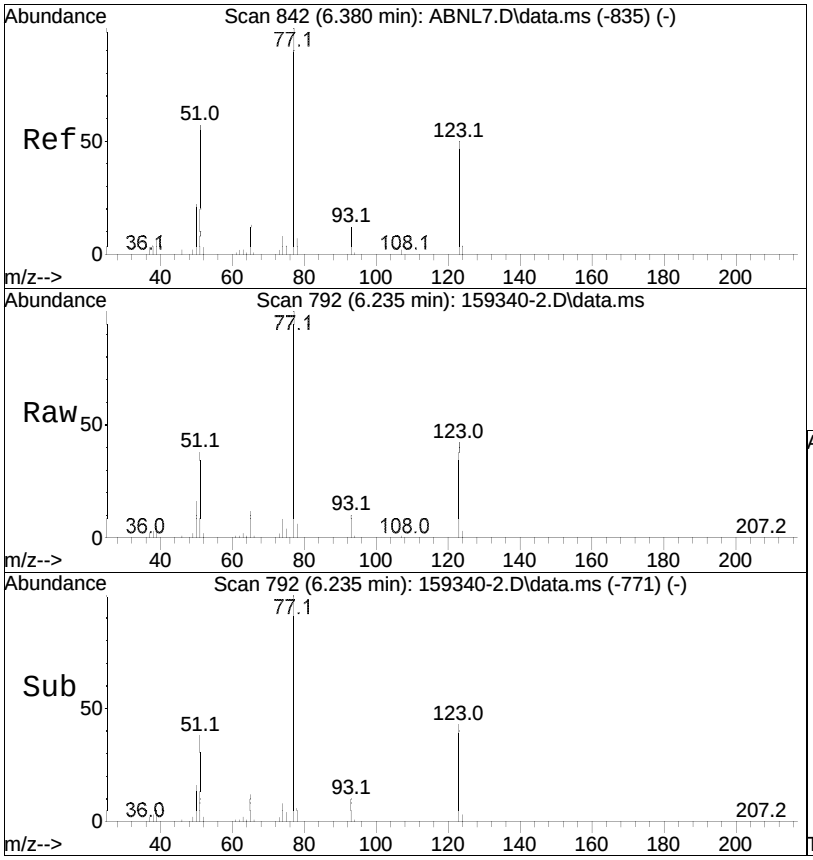


#18
3-Methylphenol/4-Methylphenol
Concen: 36.22 ug/ml
RT: 6.129 min Scan# 774
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:108 Resp: 204832

Ion	Ratio	Lower	Upper
108	100		
107	107.8	88.2	132.2
90	11.1	8.5	12.7

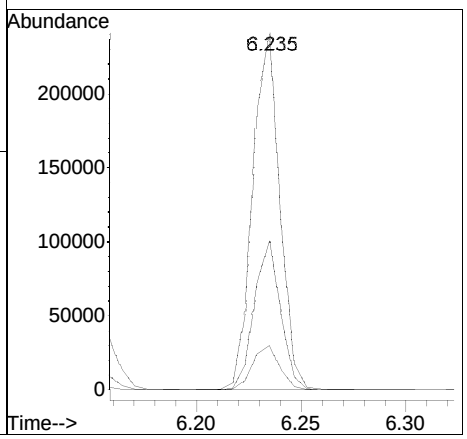


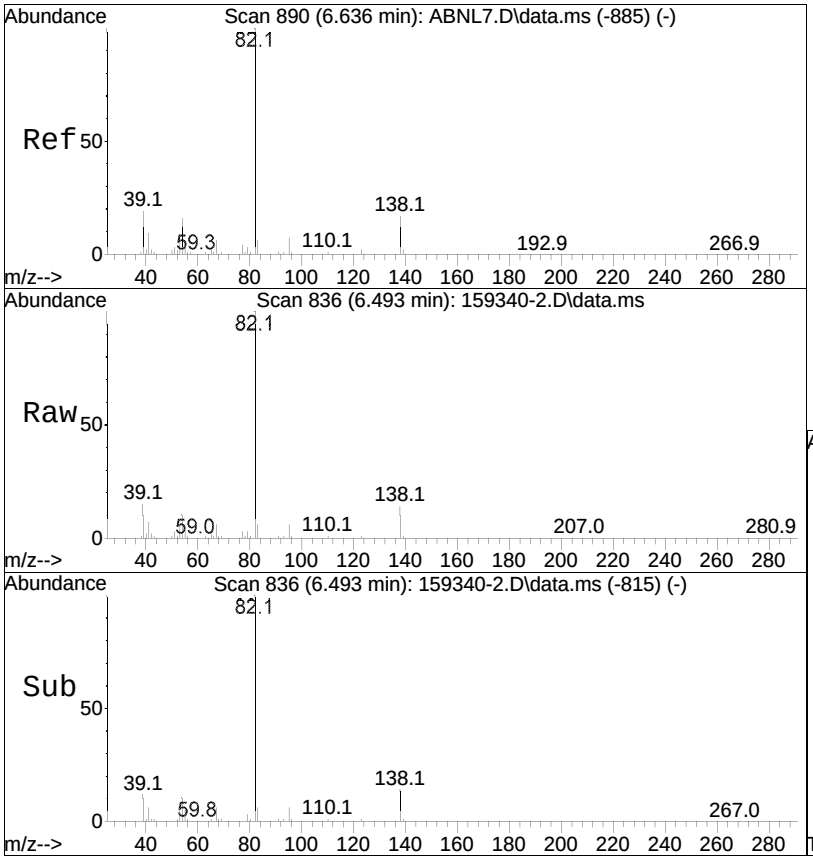


#20
Nitrobenzene
Concen: 35.16 ug/ml
RT: 6.235 min Scan# 792
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion: 77 Resp: 214570

Ion	Ratio	Lower	Upper
77	100		
123	40.7	39.5	59.3
65	12.7	11.0	16.6

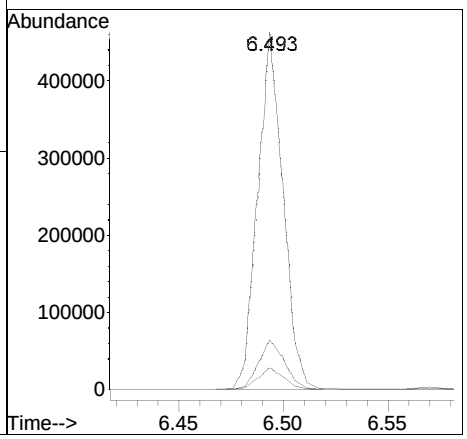


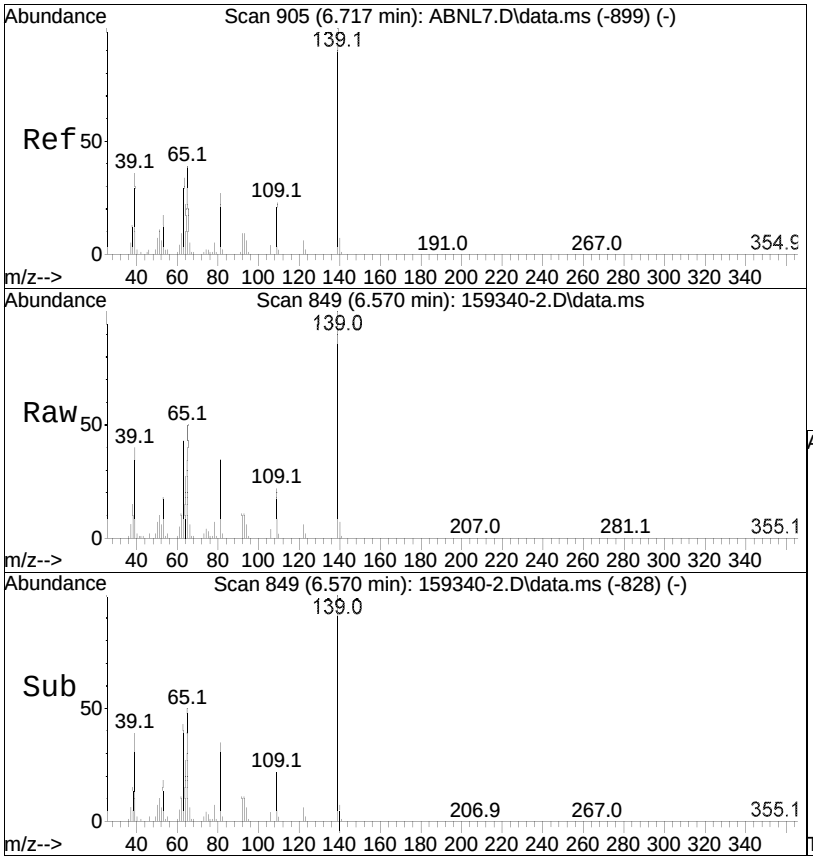


#21
Isophorone
Concen: 34.44 ug/ml
RT: 6.493 min Scan# 836
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion: 82 Resp: 383045

Ion	Ratio	Lower	Upper
82	100		
138	14.4	13.9	20.9
95	6.2	5.1	7.7

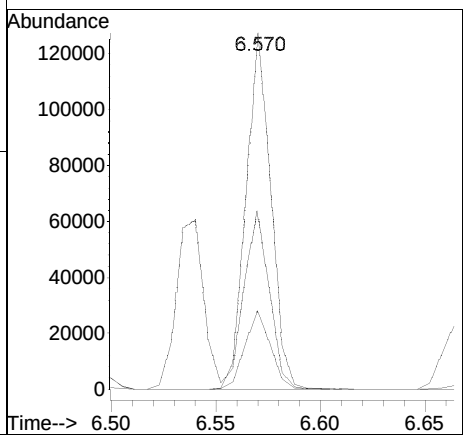


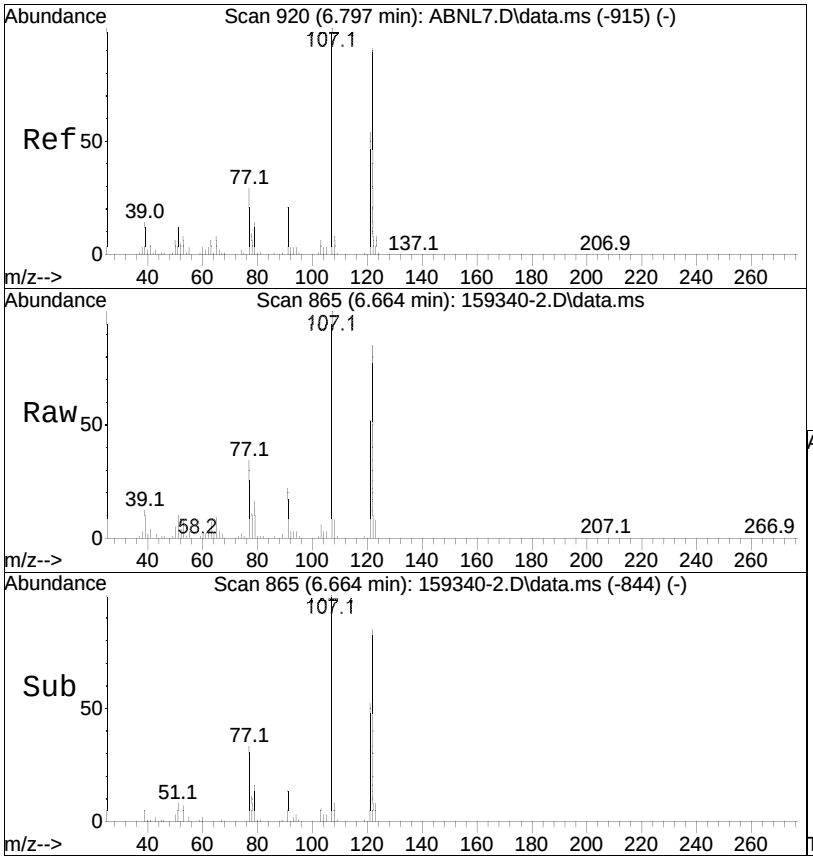


#22
2-Nitrophenol
Concen: 34.42 ug/ml
RT: 6.570 min Scan# 849
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:139 Resp: 104588

Ion	Ratio	Lower	Upper
139	100		
109	23.0	17.2	25.8
65	51.7	33.8	50.6#

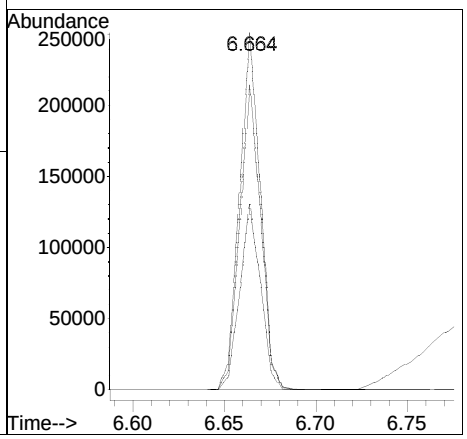


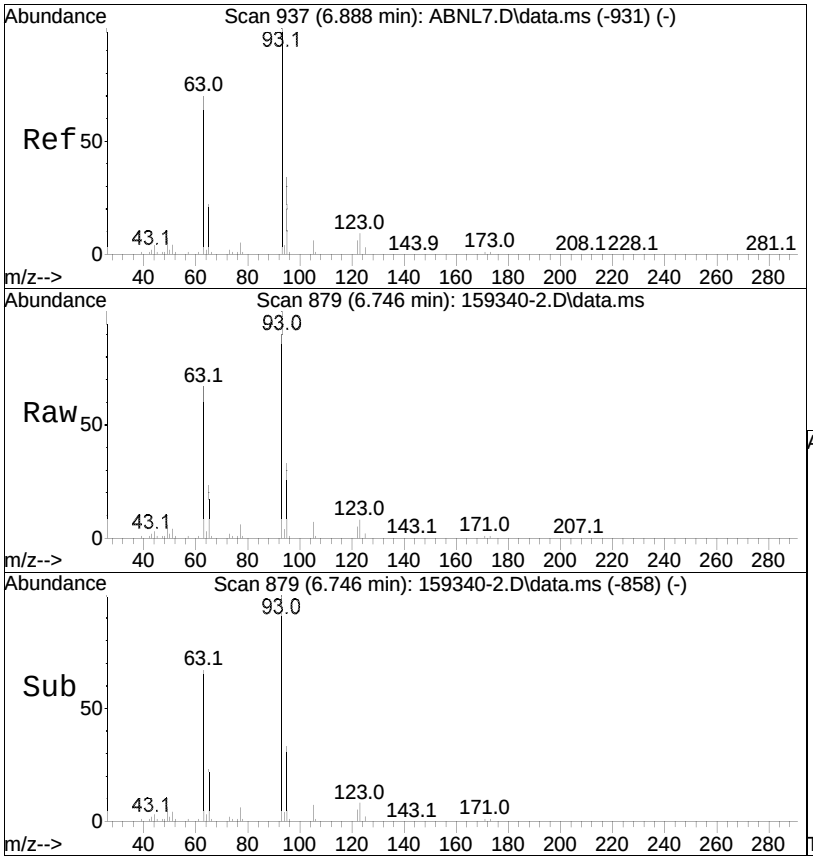


#23
2,4-Dimethylphenol
Concen: 33.82 ug/ml
RT: 6.664 min Scan# 865
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:107 Resp: 198163

Ion	Ratio	Lower	Upper
107	100		
121	52.1	41.2	61.8
122	85.4	72.5	108.7

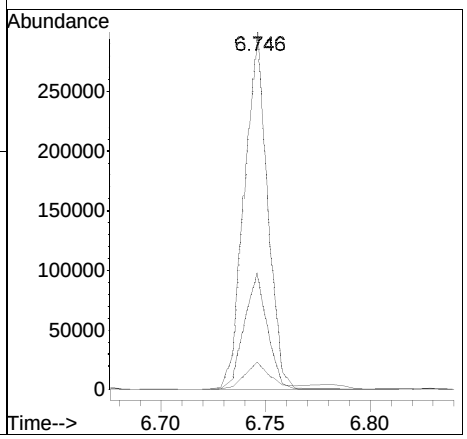


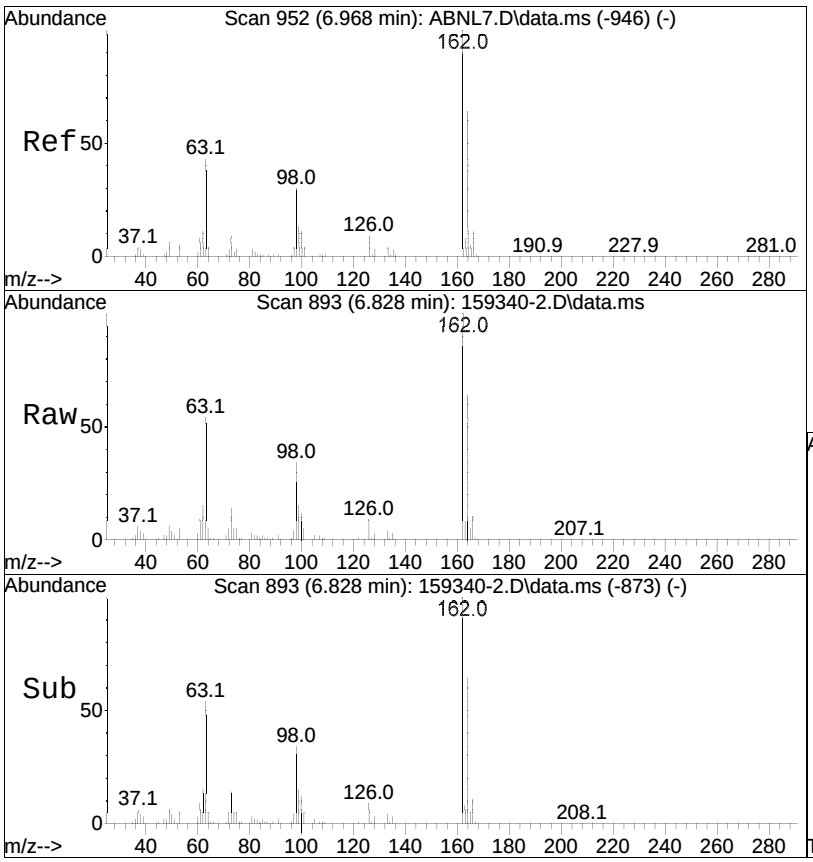


#24
Bis(2-chloroethoxy)methane
Concen: 32.36 ug/ml
RT: 6.746 min Scan# 879
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion: 93 Resp: 228606

Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.8	40.2
123	8.7	8.7	13.1

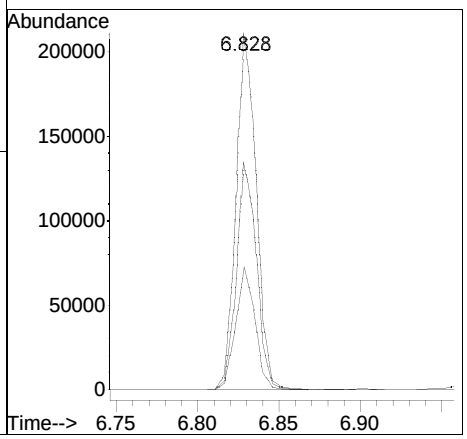


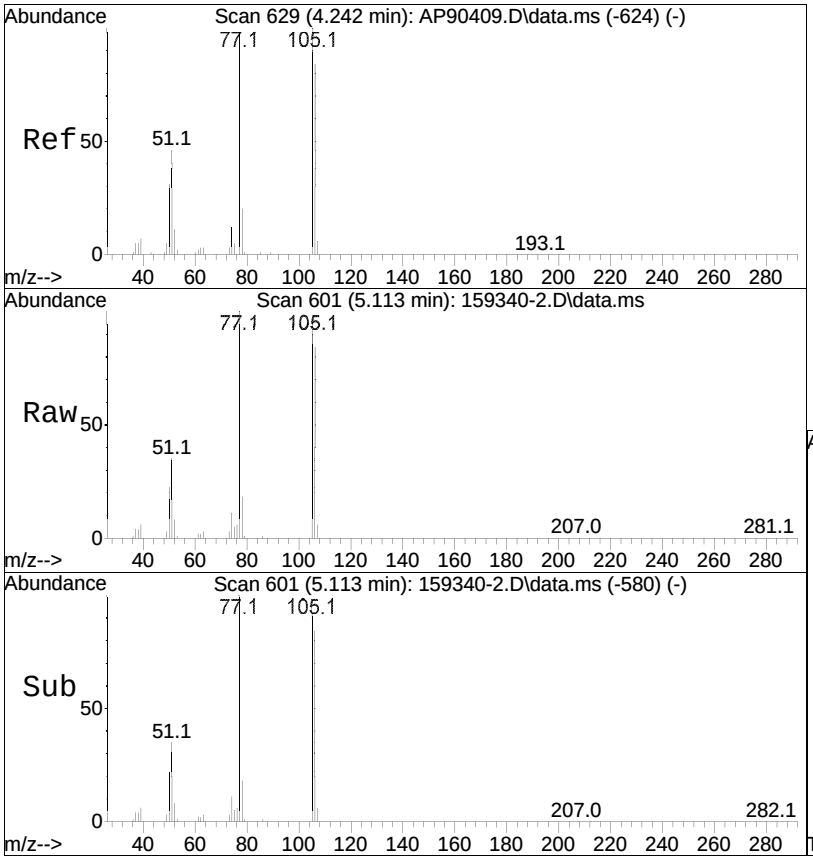


#25
2,4-Dichlorophenol
Concen: 31.96 ug/ml
RT: 6.828 min Scan# 893
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:162 Resp: 181507

Ion	Ratio	Lower	Upper
162	100		
164	63.6	51.8	77.8
98	33.2	25.0	37.4

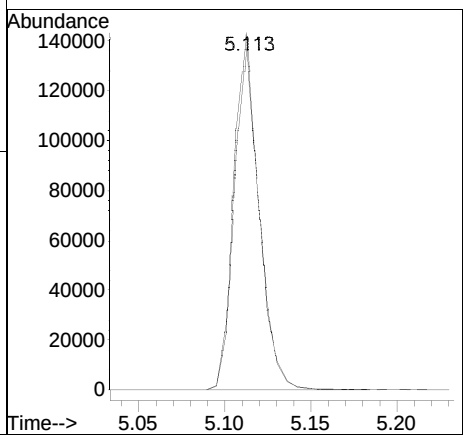


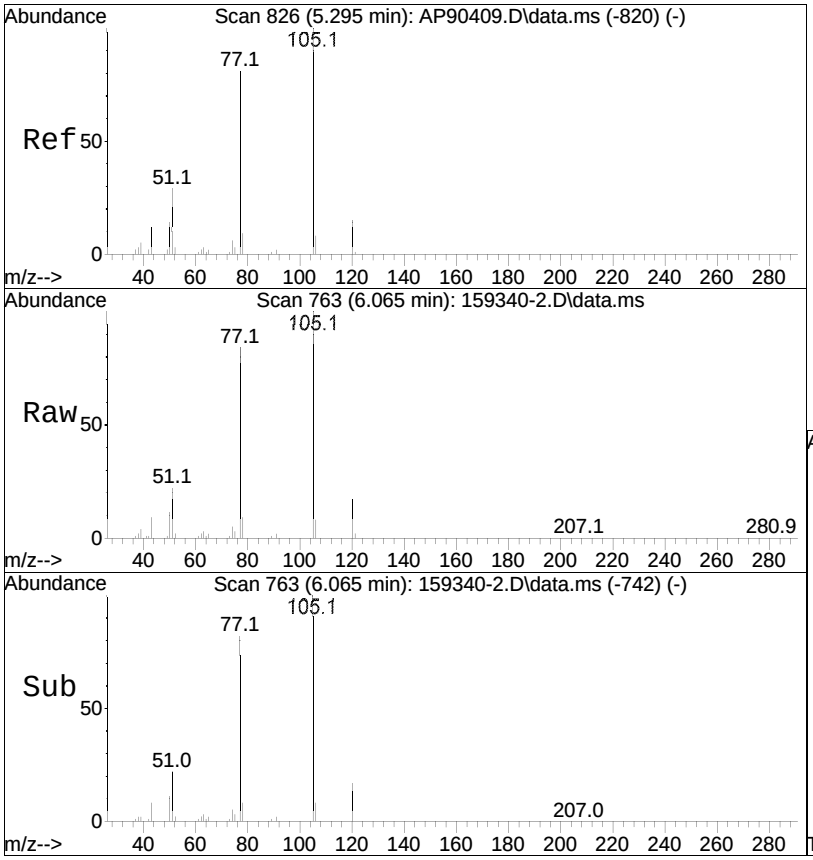


#28
Benzaldehyde
Concen: 37.55 ug/ml
RT: 5.113 min Scan# 601
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:105 Resp: 138254

Ion	Ratio	Lower	Upper
105	100		
77	104.6	79.3	118.9

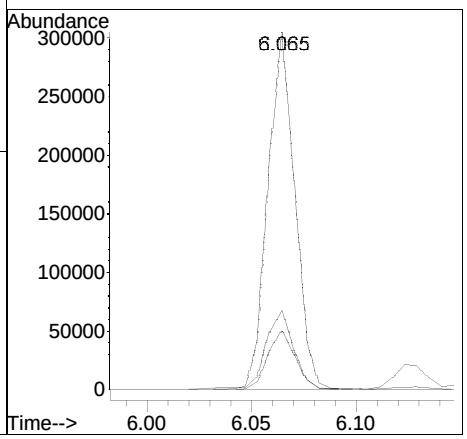


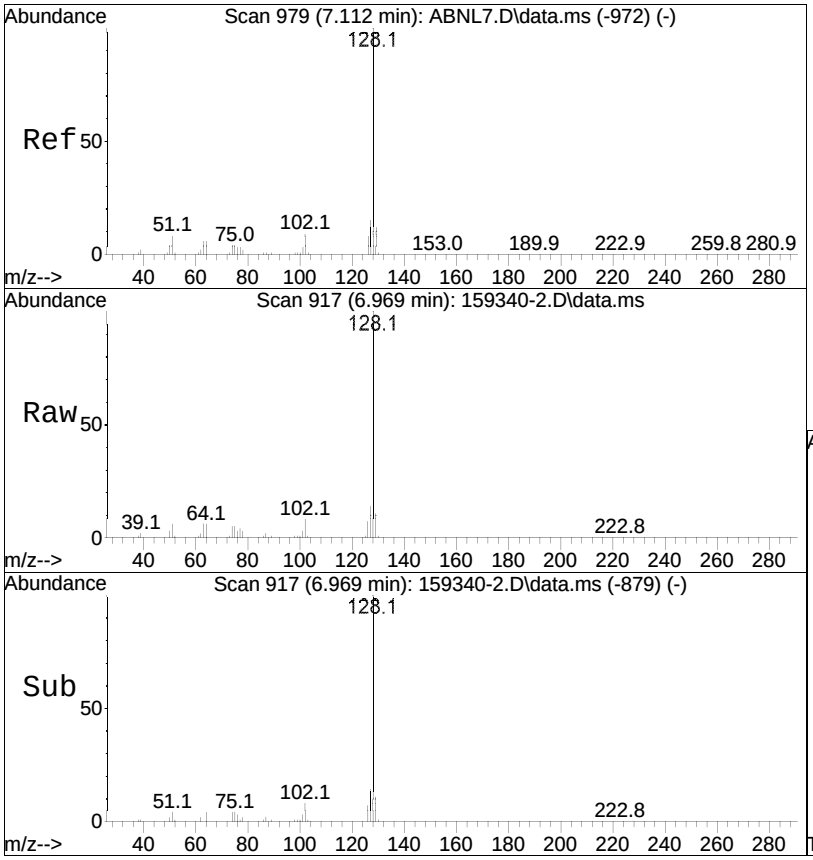


#29
Acetophenone
Concen: 35.90 ug/ml
RT: 6.065 min Scan# 763
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:105 Resp: 270675

Ion	Ratio	Lower	Upper
105	100		
120	16.8	17.4	26.2#
51	23.0	23.8	35.6#

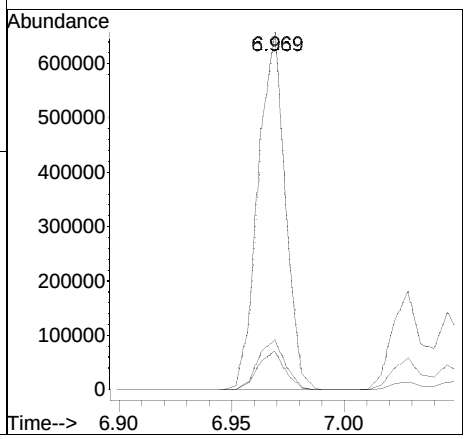


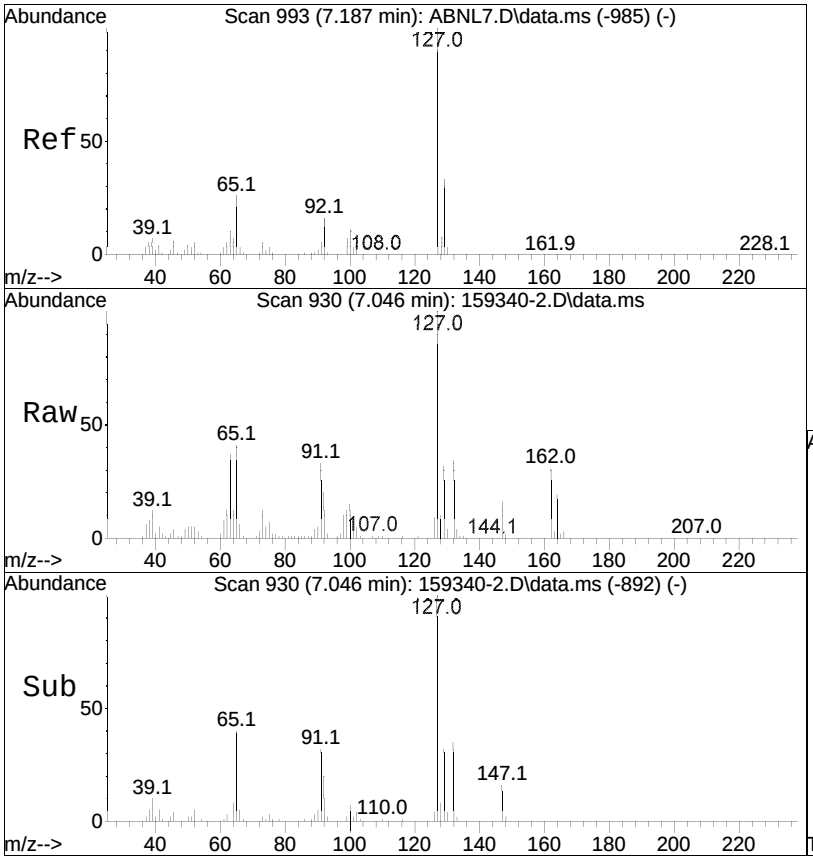


#36
Naphthalene
Concen: 29.71 ug/ml
RT: 6.969 min Scan# 917
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:128 Resp: 546875

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	14.2	11.3	16.9

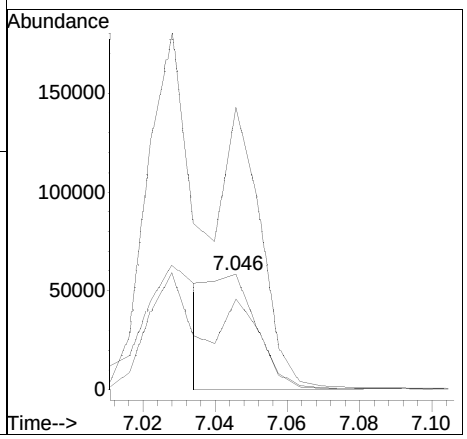


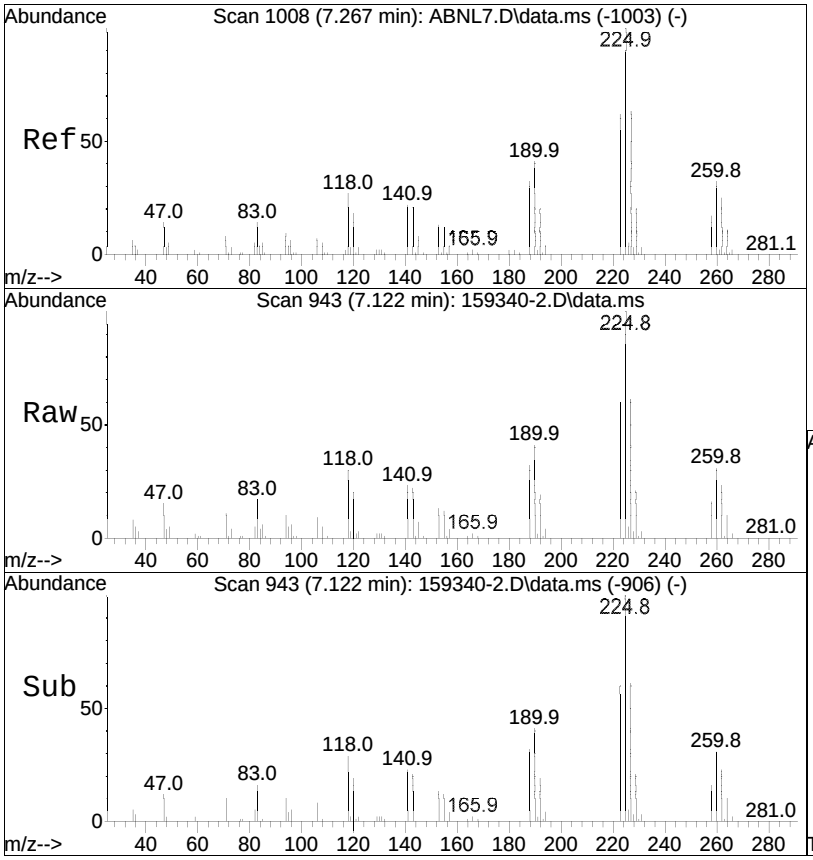


#38
4-Chloroaniline
Concen: 23.98 ug/ml M3
RT: 7.046 min Scan# 930
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion: 65 Resp: 55009

Ion	Ratio	Lower	Upper
65	100		
127	317.1	302.2	453.2
129	101.5	97.8	146.8

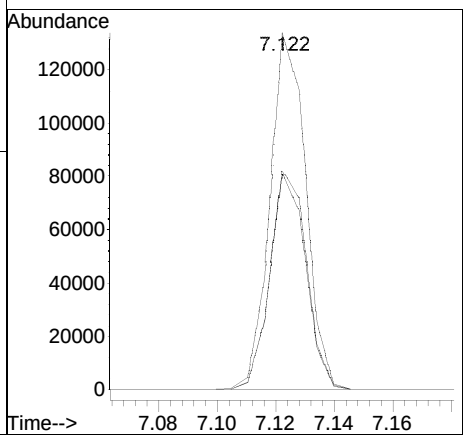


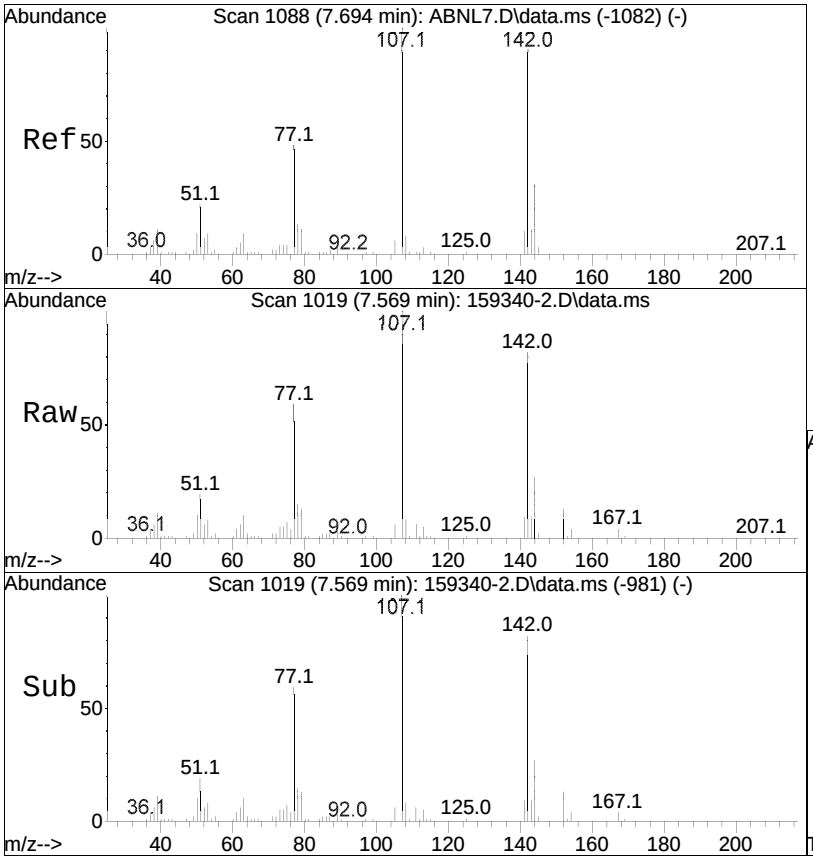


#39
Hexachlorobutadiene
Concen: 28.78 ug/ml
RT: 7.122 min Scan# 943
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:225 Resp: 112738

Ion	Ratio	Lower	Upper
225	100		
223	60.8	50.0	75.0
227	63.2	51.8	77.6

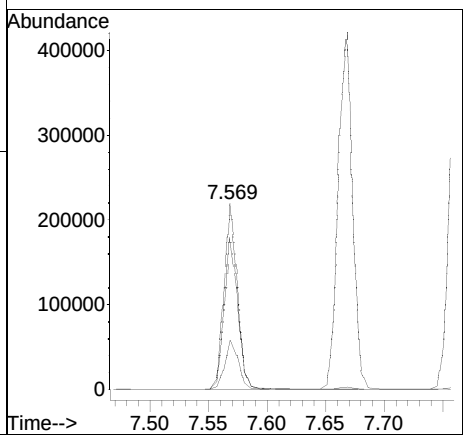


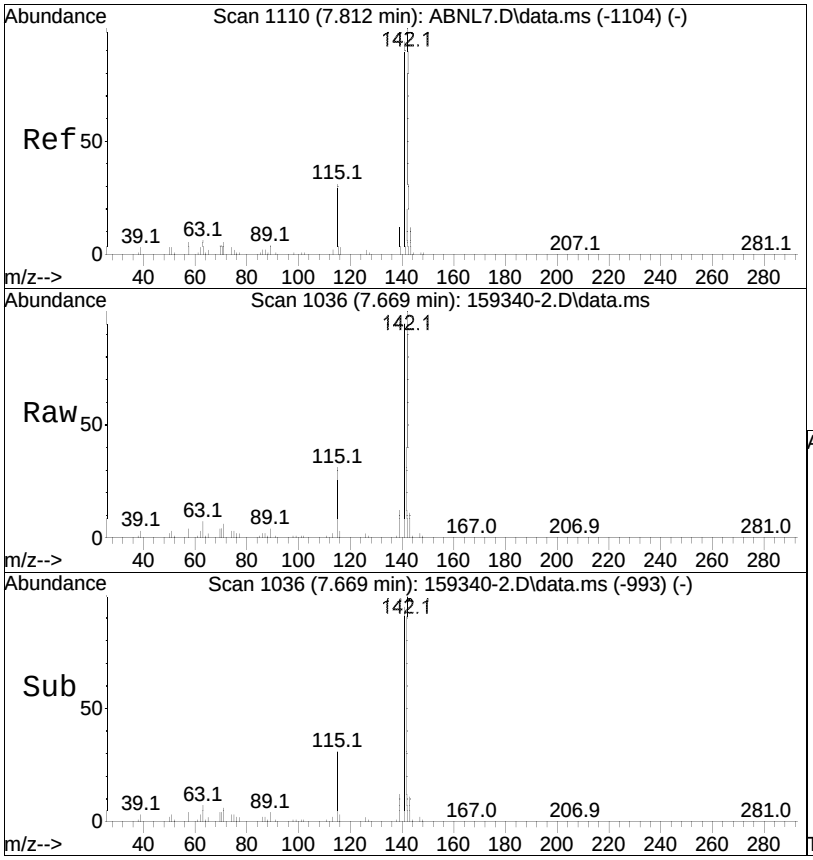


#40
p-Chloro-m-cresol
Concen: 34.98 ug/ml
RT: 7.569 min Scan# 1019
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:107 Resp: 175515

Ion	Ratio	Lower	Upper
107	100		
144	26.7	23.3	34.9
142	82.9	72.7	109.1

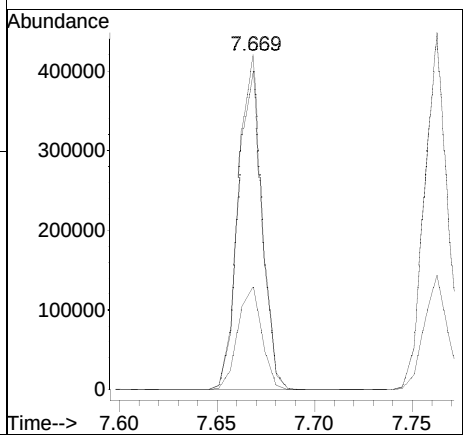


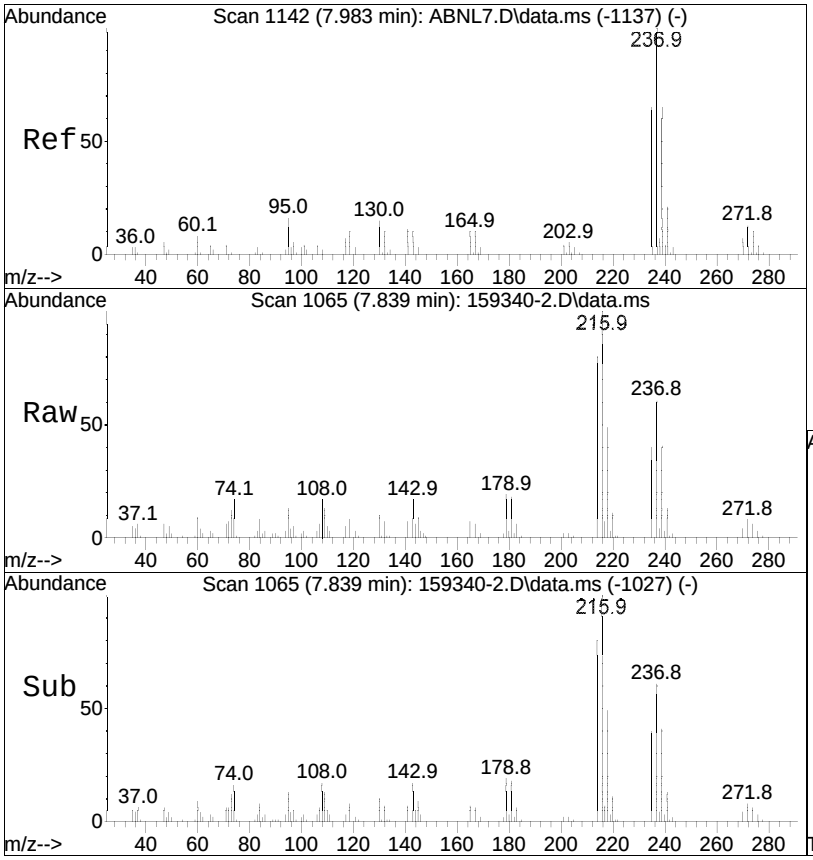


#41
2-Methylnaphthalene
Concen: 31.27 ug/ml
RT: 7.669 min Scan# 1036
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:142 Resp: 358287

Ion	Ratio	Lower	Upper
142	100		
141	95.0	69.5	104.3
115	31.2	25.4	38.2

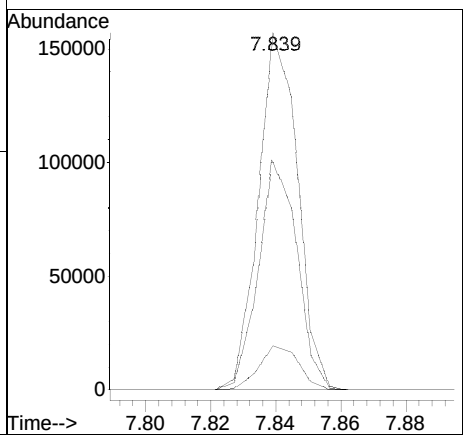


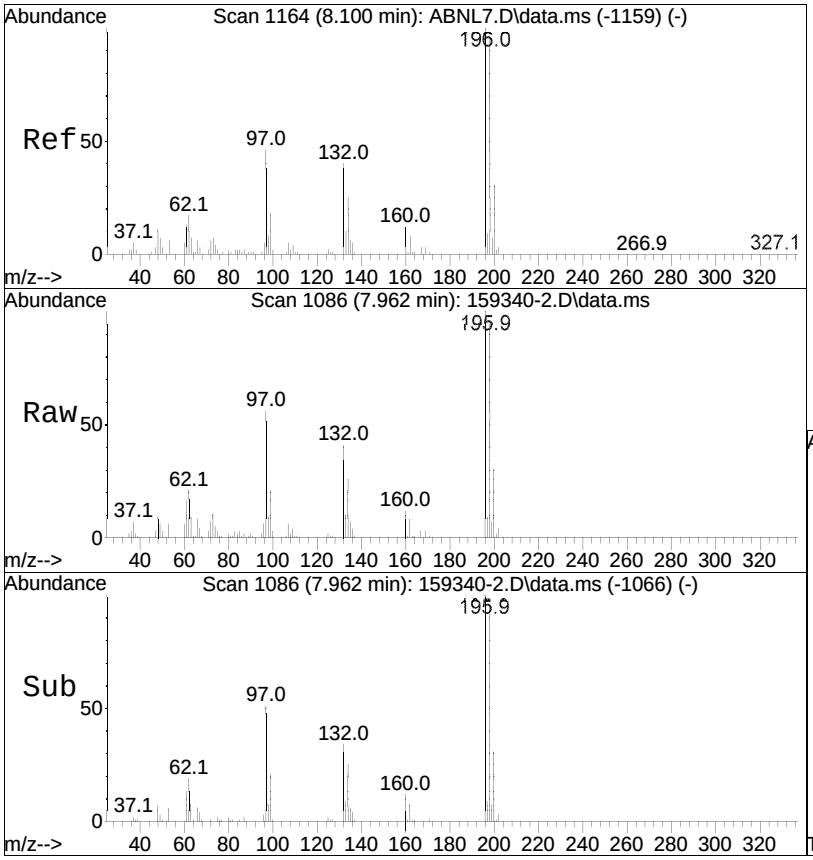


#43
Hexachlorocyclopentadiene
Concen: 27.35 ug/ml
RT: 7.839 min Scan# 1065
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:237 Resp: 131077

Ion	Ratio	Lower	Upper
237	100		
235	63.7	49.9	74.9
272	12.7	11.4	17.2

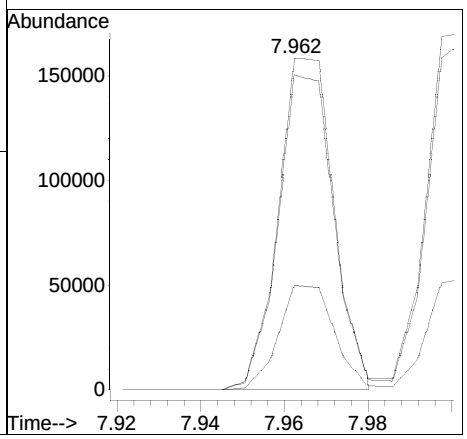


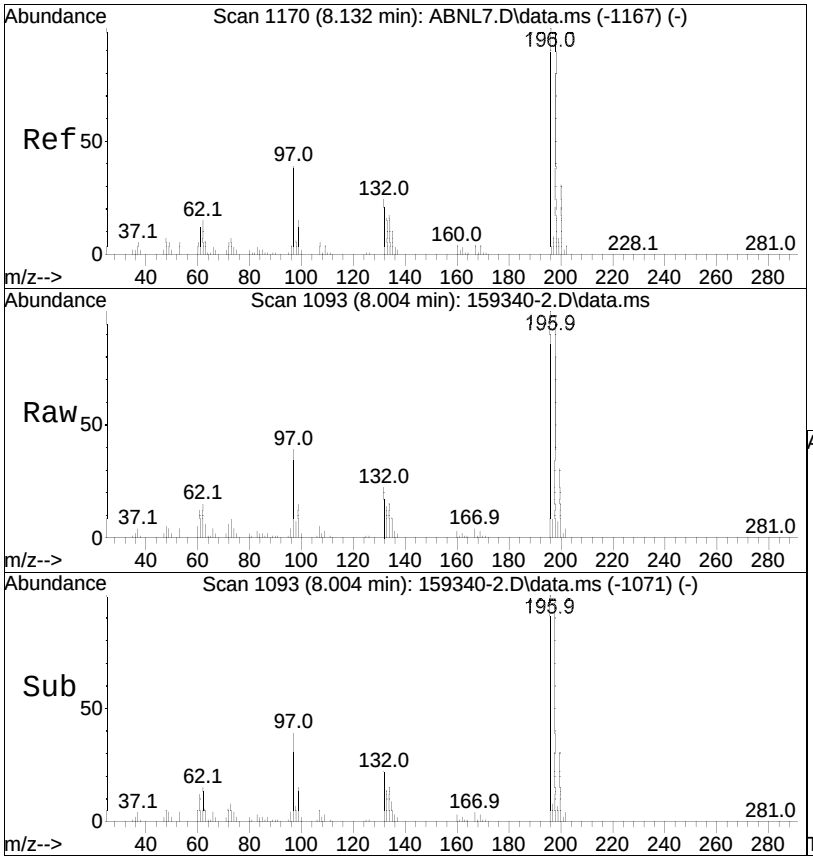


#44
2,4,6-Trichlorophenol
Concen: 31.87 ug/ml
RT: 7.962 min Scan# 1086
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:196 Resp: 146385

Ion	Ratio	Lower	Upper
196	100		
198	95.6	77.0	115.6
200	31.9	25.0	37.6

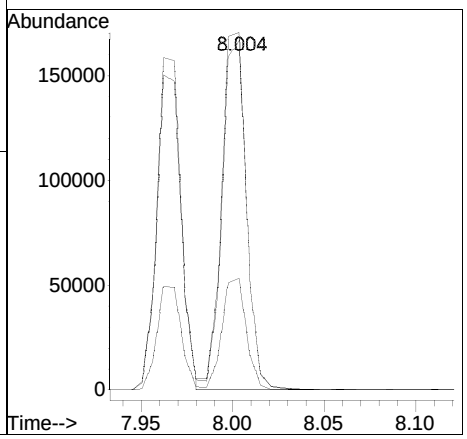


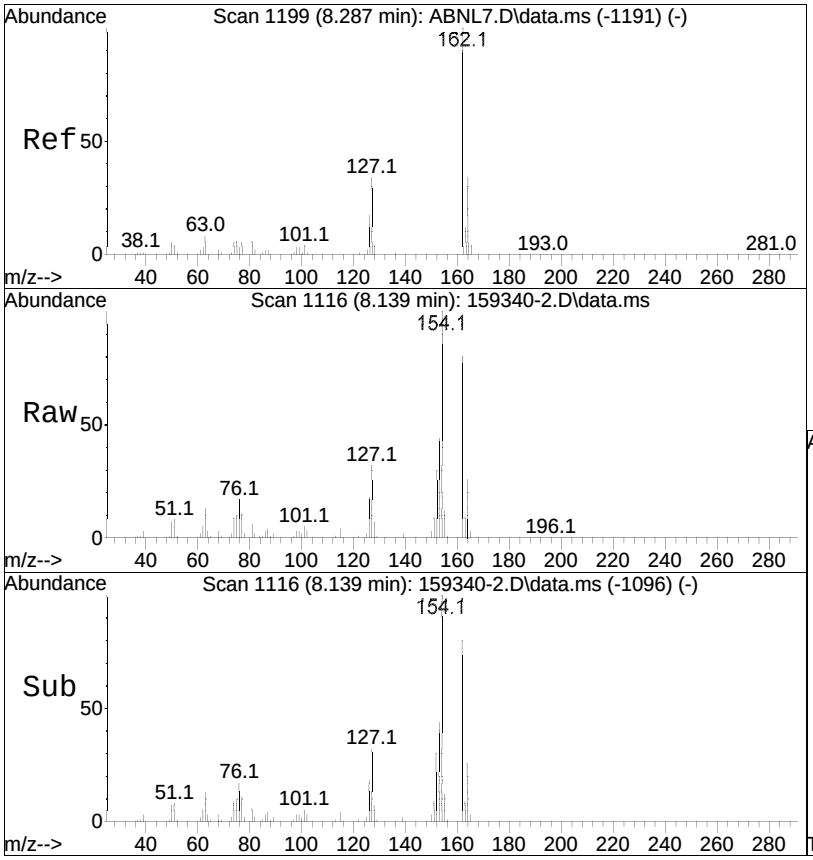


#45
2,4,5-Trichlorophenol
Concen: 31.91 ug/ml
RT: 8.004 min Scan# 1093
Delta R.T. 0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:196 Resp: 161002

Ion	Ratio	Lower	Upper
196	100		
200	30.8	24.9	37.3
198	95.0	78.5	117.7

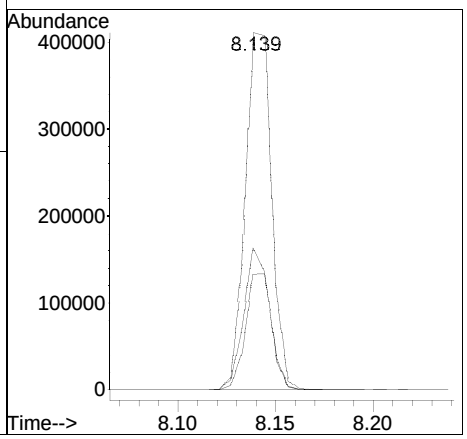


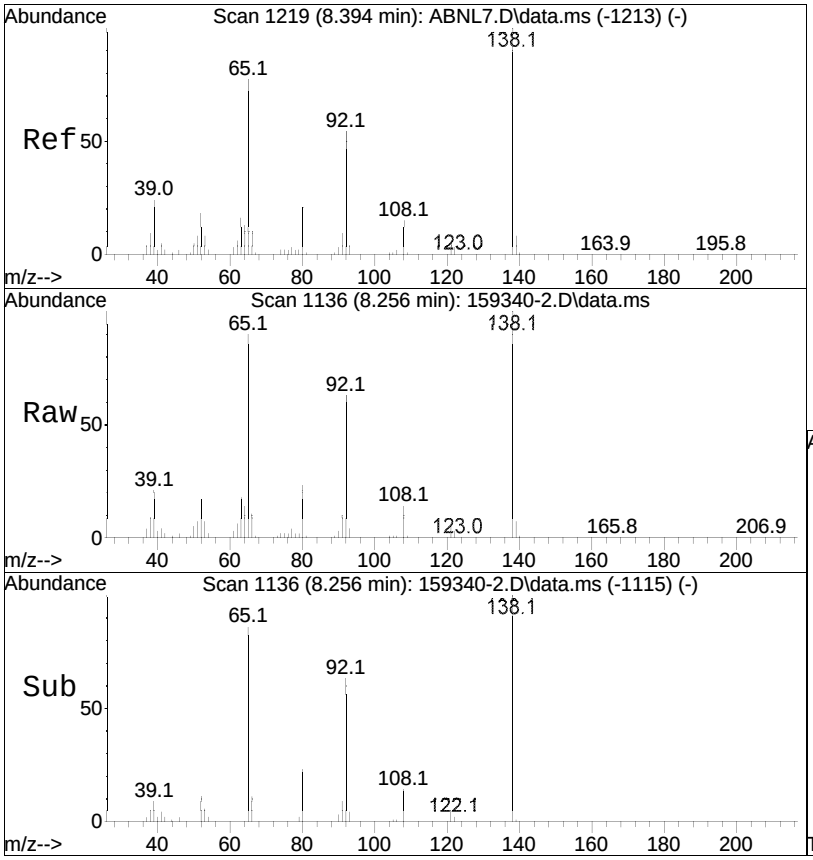


#47
2-Chloronaphthalene
Concen: 29.21 ug/ml
RT: 8.139 min Scan# 1116
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:162 Resp: 385608

Ion	Ratio	Lower	Upper
162	100		
127	38.4	28.0	42.0
164	32.6	26.6	39.8

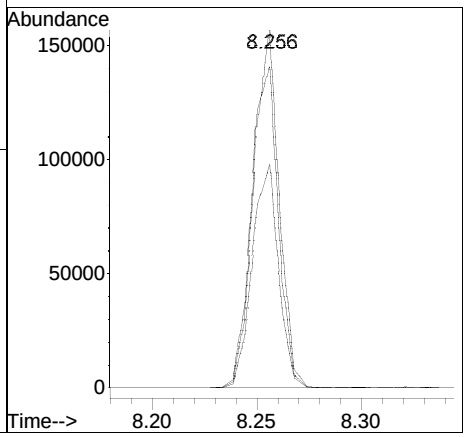


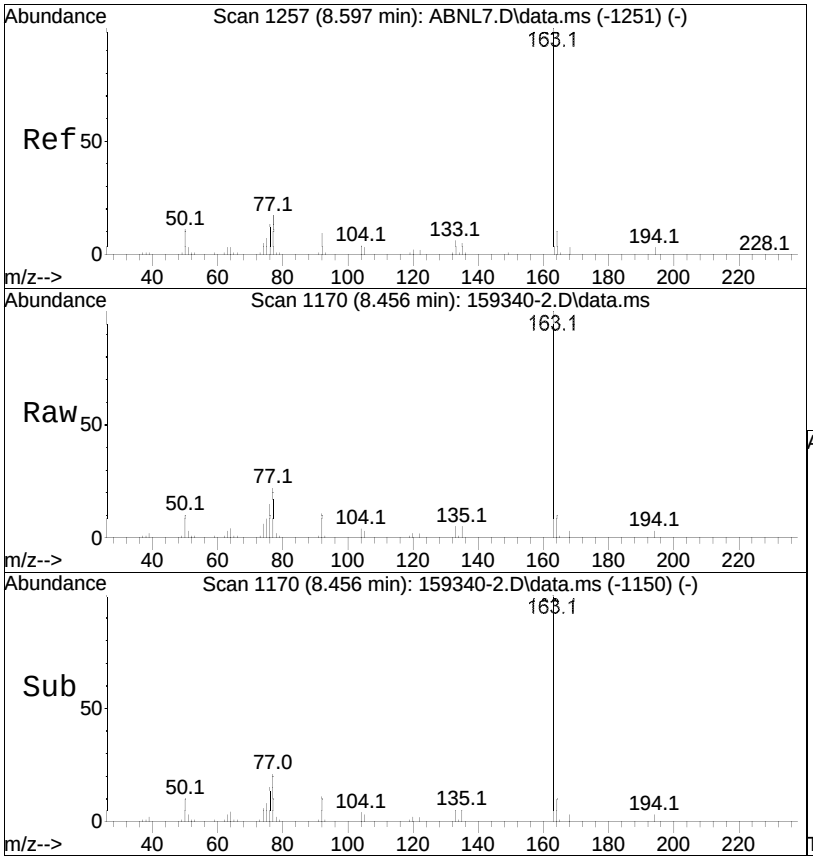


#48
2-Nitroaniline
Concen: 33.93 ug/ml
RT: 8.256 min Scan# 1136
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:138 Resp: 132532

Ion	Ratio	Lower	Upper
138	100		
92	64.2	41.7	62.5#
65	94.7	61.5	92.3#

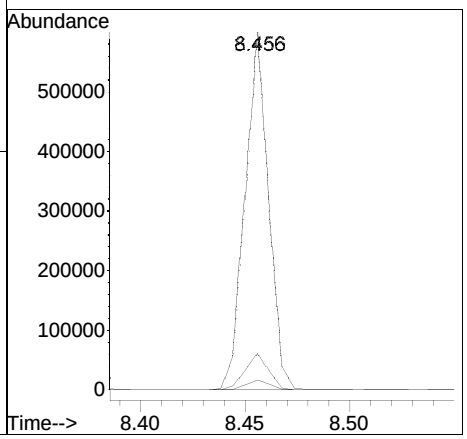


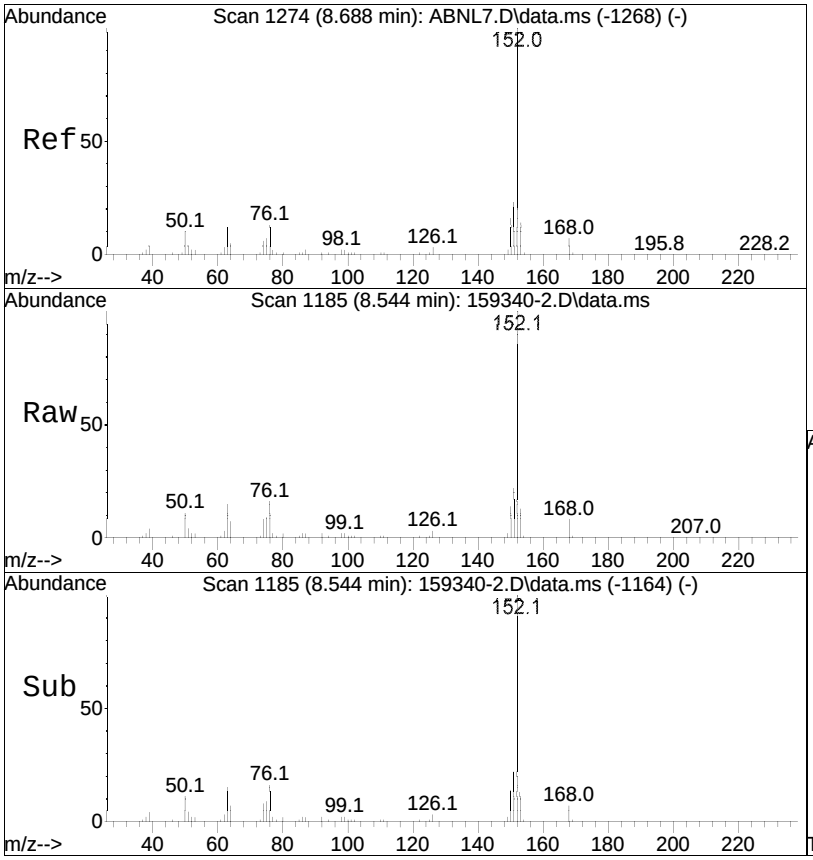


#51
Dimethyl phthalate
Concen: 28.86 ug/ml
RT: 8.456 min Scan# 1170
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:163 Resp: 461981

Ion	Ratio	Lower	Upper
163	100		
194	2.8	3.4	5.2#
164	10.2	8.4	12.6

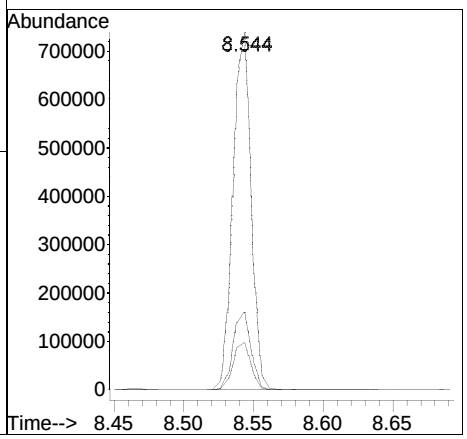


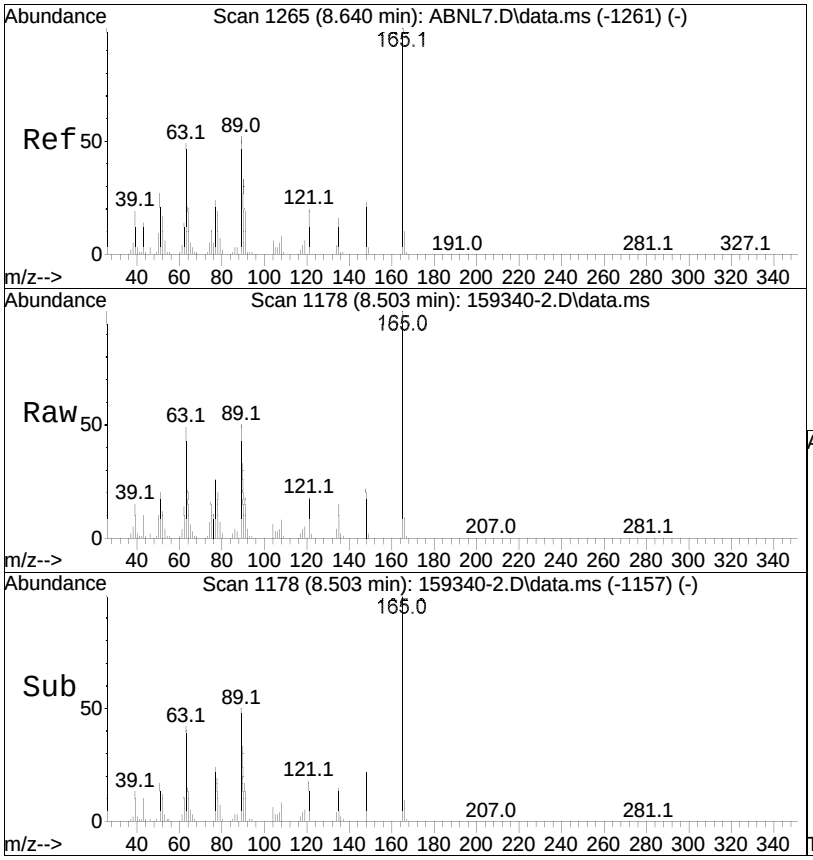


#52
Acenaphthylene
Concen: 29.65 ug/ml
RT: 8.544 min Scan# 1185
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:152 Resp: 659594

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.7	25.1
153	13.2	11.1	16.7

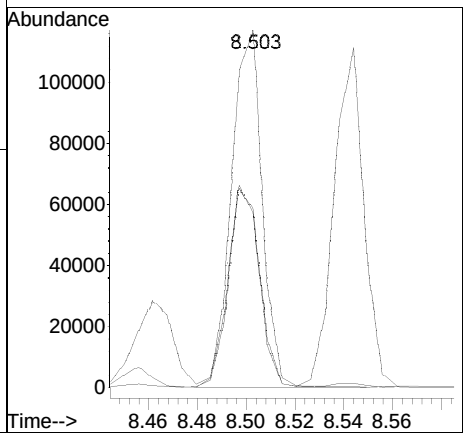


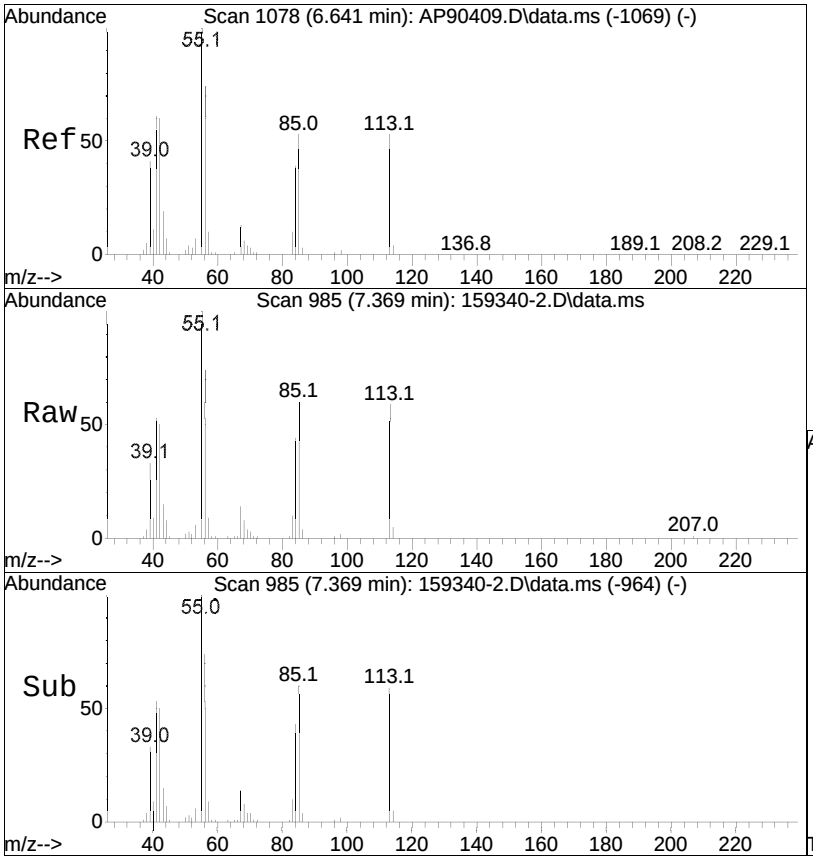


#53
2,6-Dinitrotoluene
Concen: 32.62 ug/ml
RT: 8.503 min Scan# 1178
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:165 Resp: 102629

Ion	Ratio	Lower	Upper
165	100		
89	57.0	43.1	64.7
63	56.9	42.7	64.1

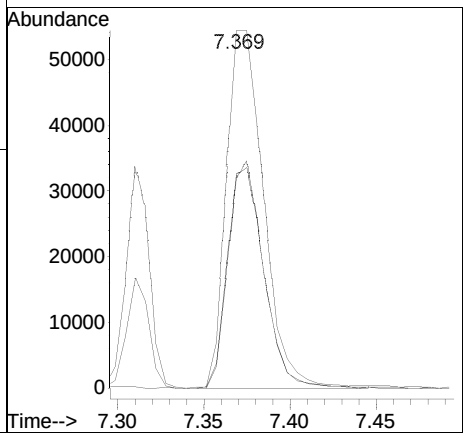


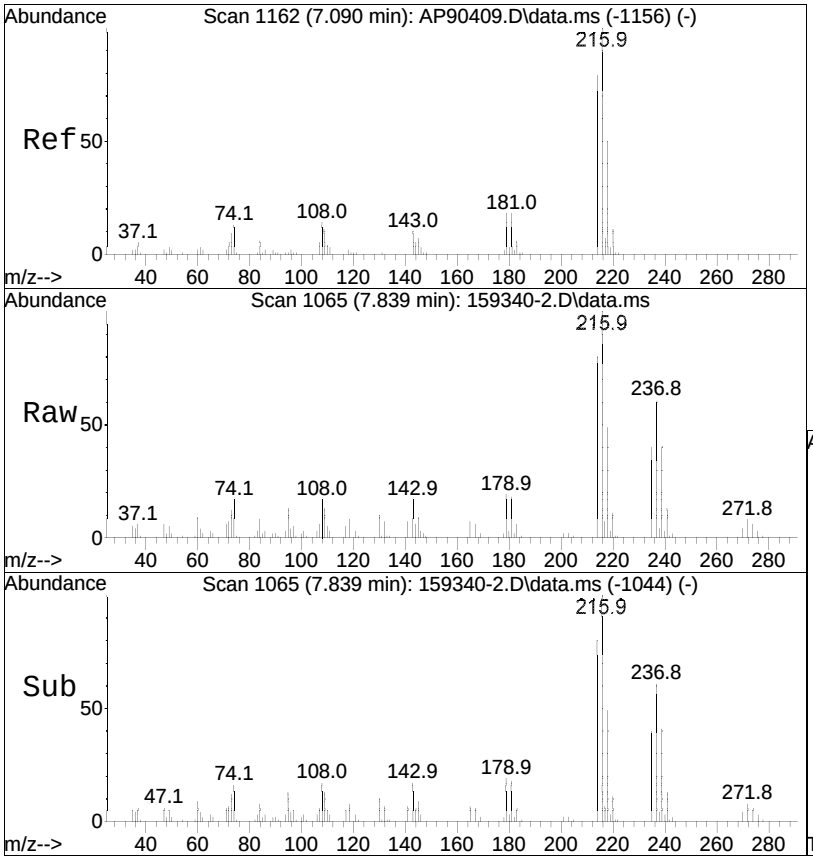


#60
Caprolactam
Concen: 33.19 ug/ml
RT: 7.369 min Scan# 985
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion: 55 Resp: 82062

Ion	Ratio	Lower	Upper
55	100		
85	60.8	36.6	54.8#
113	60.2	50.2	75.2

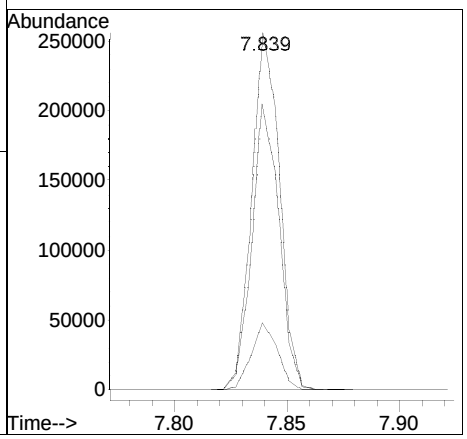


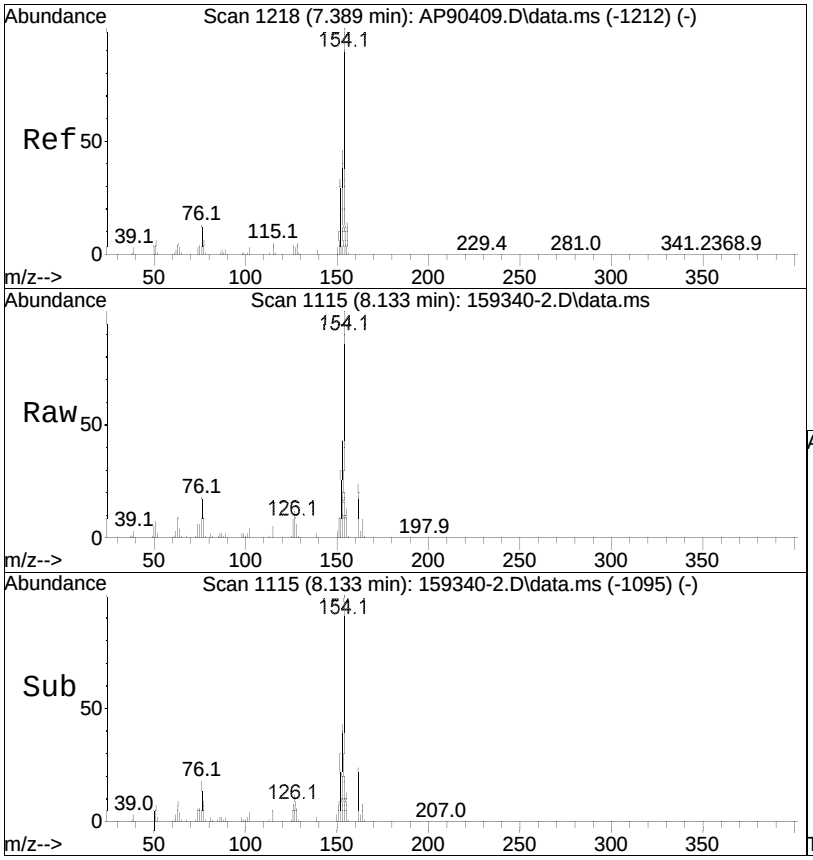


#61
1,2,4,5-Tetrachlorobenzene
Concen: 32.99 ug/ml
RT: 7.839 min Scan# 1065
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:216 Resp: 220106

Ion	Ratio	Lower	Upper
216	100		
214	78.1	63.0	94.4
179	17.9	15.3	22.9

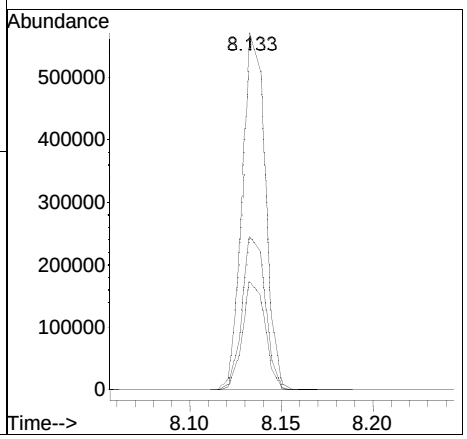


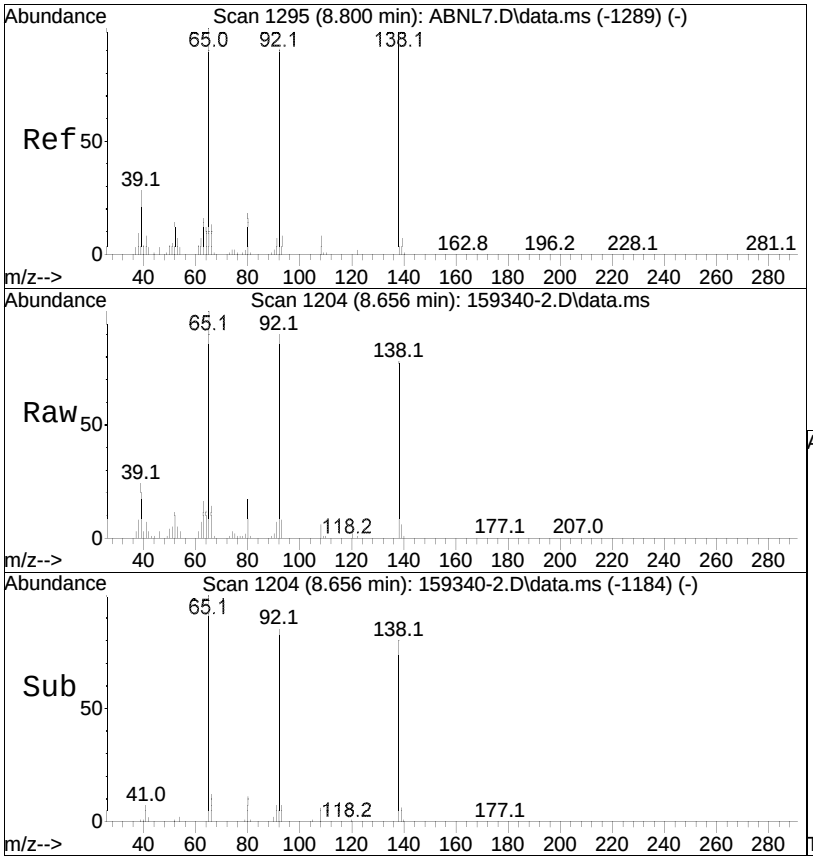


#62
Biphenyl
Concen: 32.89 ug/ml
RT: 8.133 min Scan# 1115
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:154 Resp: 498810

Ion	Ratio	Lower	Upper
154	100		
153	43.4	33.8	50.8
152	30.1	23.0	34.6

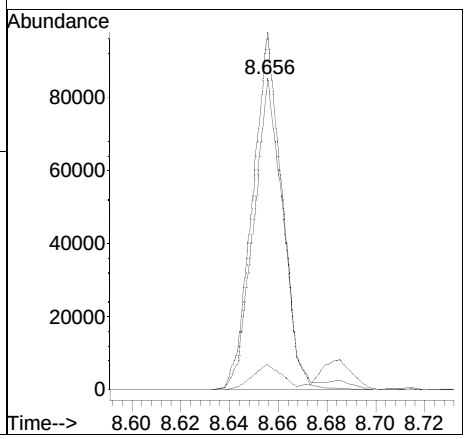


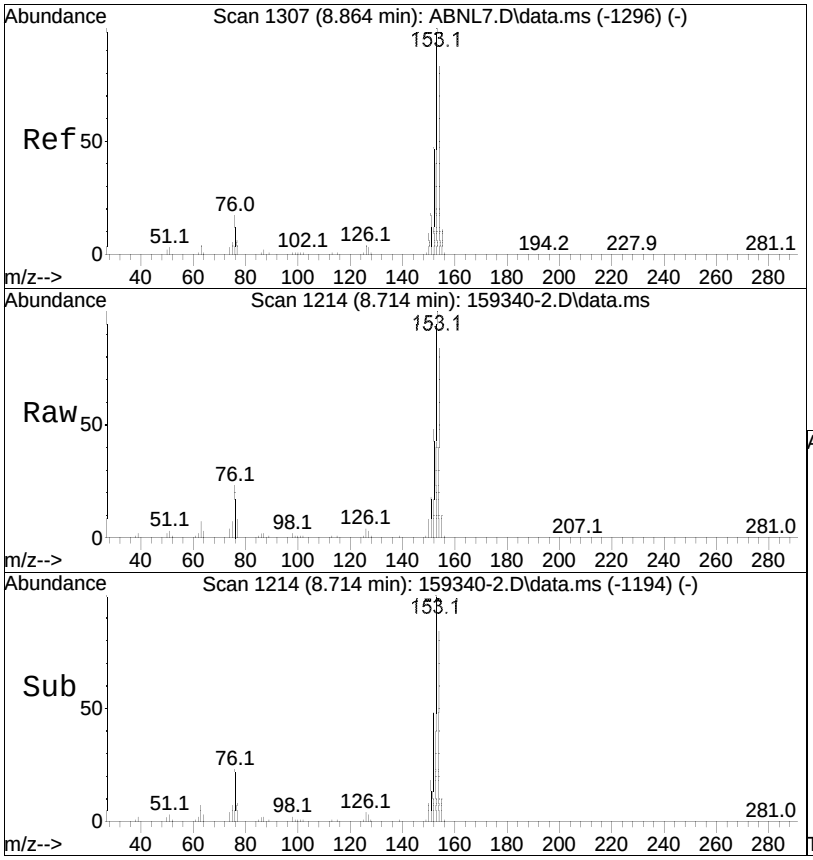


#64
3-Nitroaniline
Concen: 20.22 ug/ml
RT: 8.656 min Scan# 1204
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:138 Resp: 70501

Ion	Ratio	Lower	Upper
138	100		
92	117.8	77.5	116.3#
108	8.3	7.0	10.4

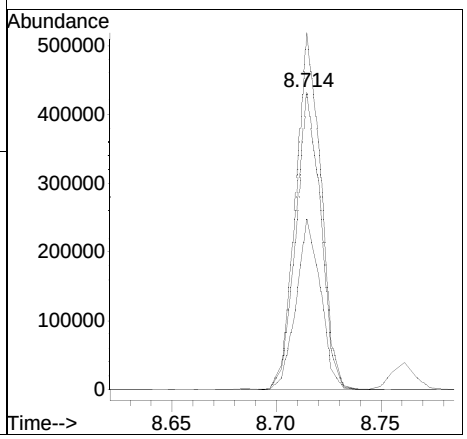


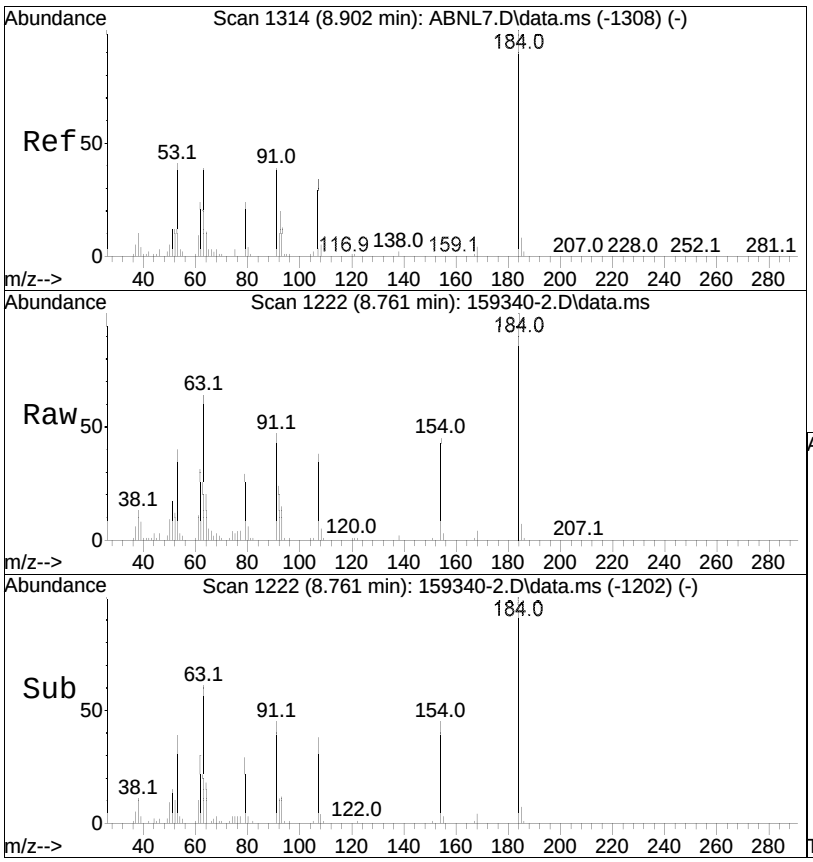


#65
Acenaphthene
Concen: 29.65 ug/ml
RT: 8.714 min Scan# 1214
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:154 Resp: 357801

Ion	Ratio	Lower	Upper
154	100		
153	121.0	89.4	134.0
152	56.9	42.2	63.2

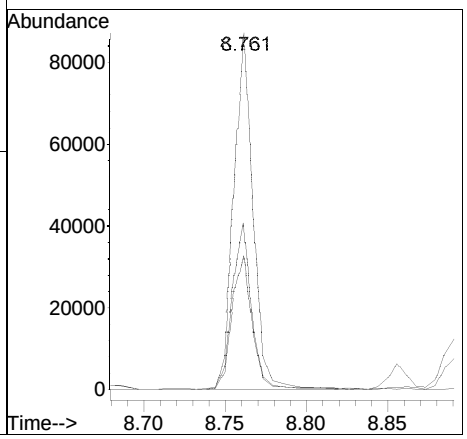


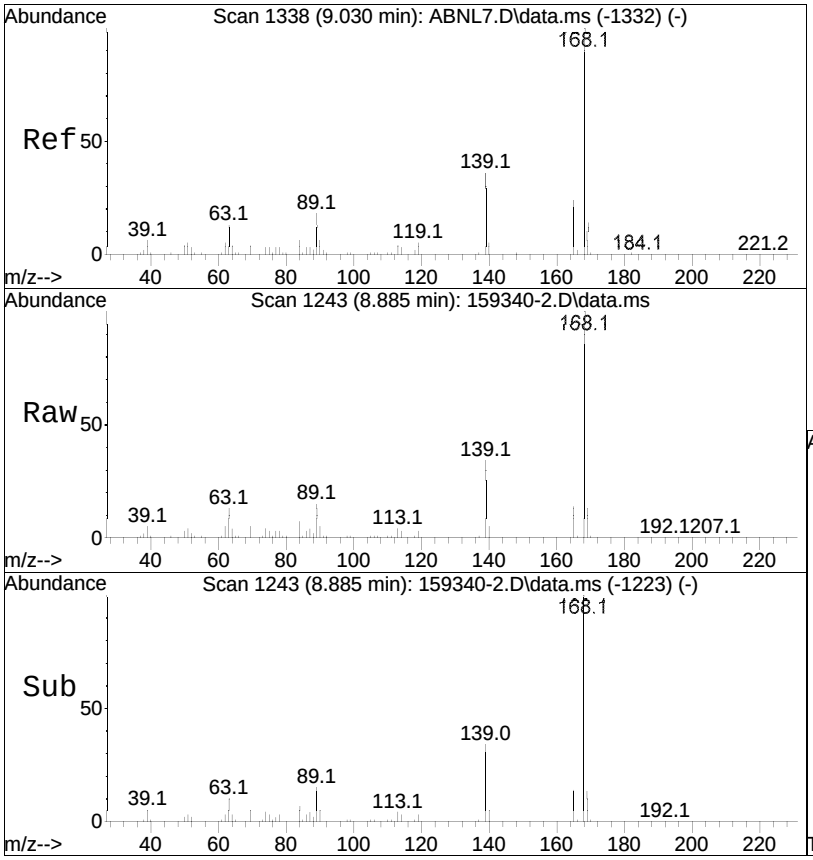


#66
2,4-Dinitrophenol
Concen: 30.72 ug/ml
RT: 8.761 min Scan# 1222
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:184 Resp: 71636

Ion	Ratio	Lower	Upper
184	100		
107	39.2	31.4	47.2
91	47.4	37.2	55.8

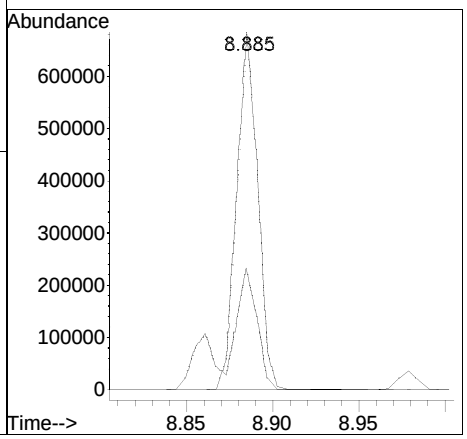


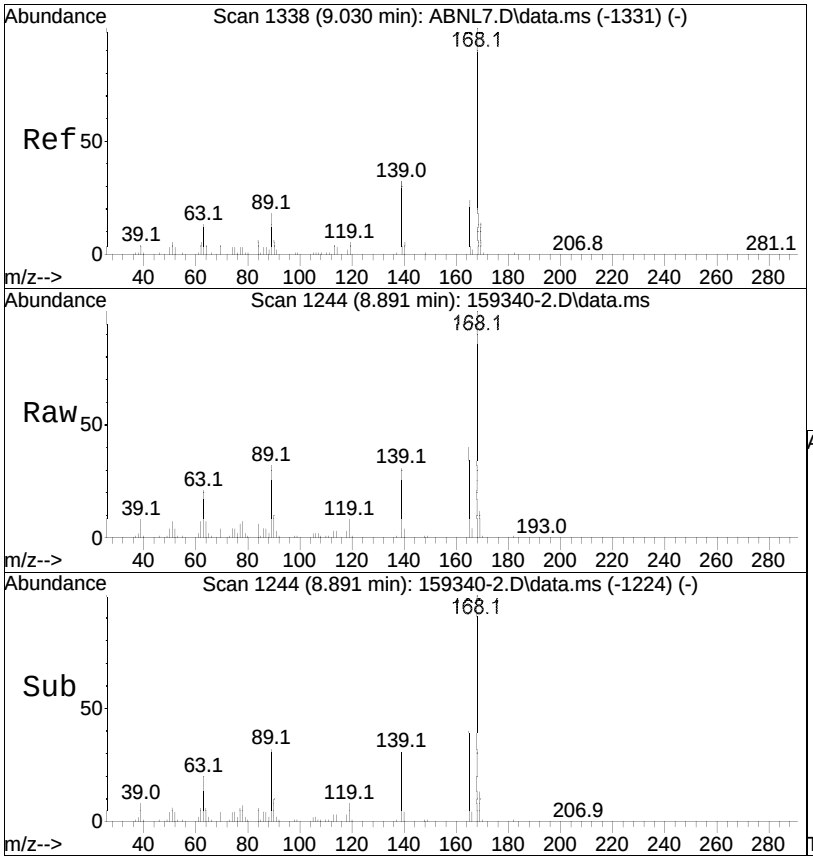


#67
Dibenzofuran
Concen: 29.20 ug/ml
RT: 8.885 min Scan# 1243
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:168 Resp: 575652

Ion	Ratio	Lower	Upper
168	100		
139	32.6	28.0	42.0

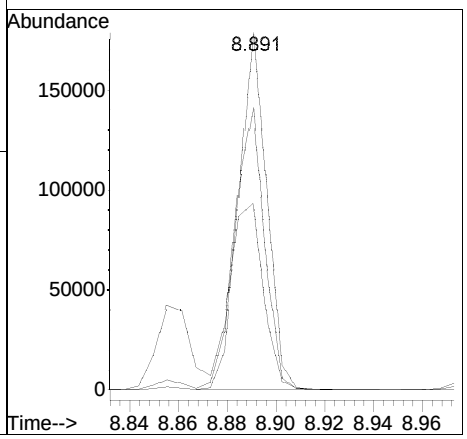


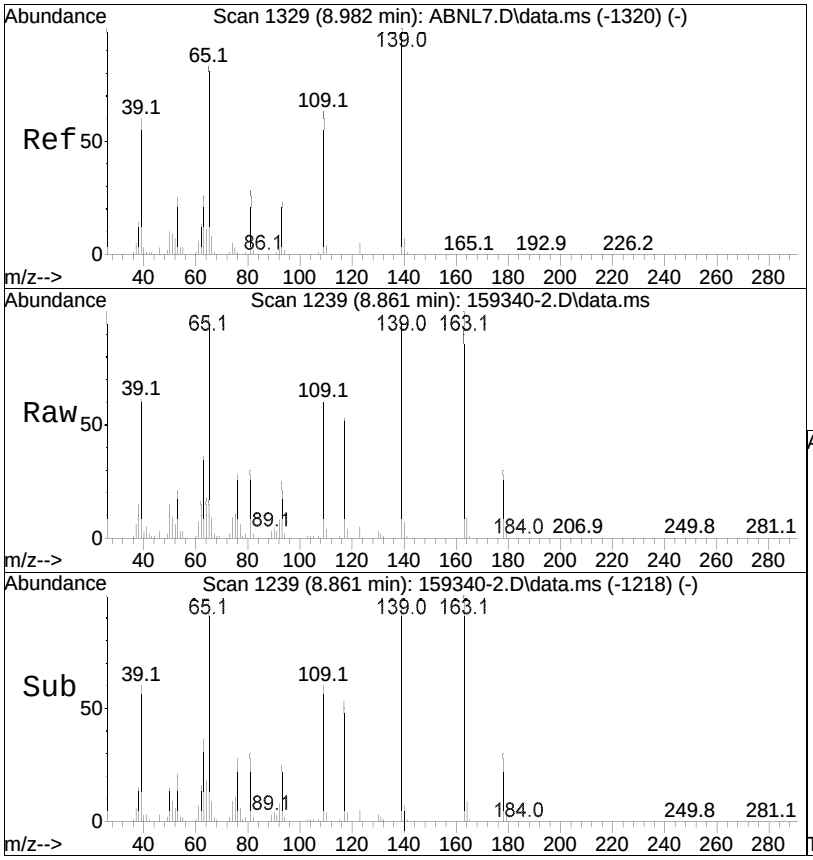


#68
2,4-Dinitrotoluene
Concen: 25.74 ug/ml
RT: 8.891 min Scan# 1244
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:165 Resp: 142913

Ion	Ratio	Lower	Upper
165	100		
89	84.5	63.0	94.6
63	61.8	50.3	75.5

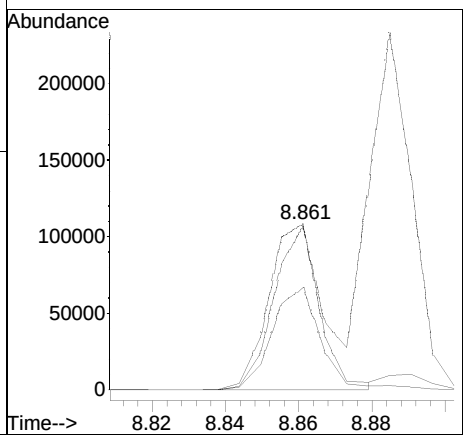


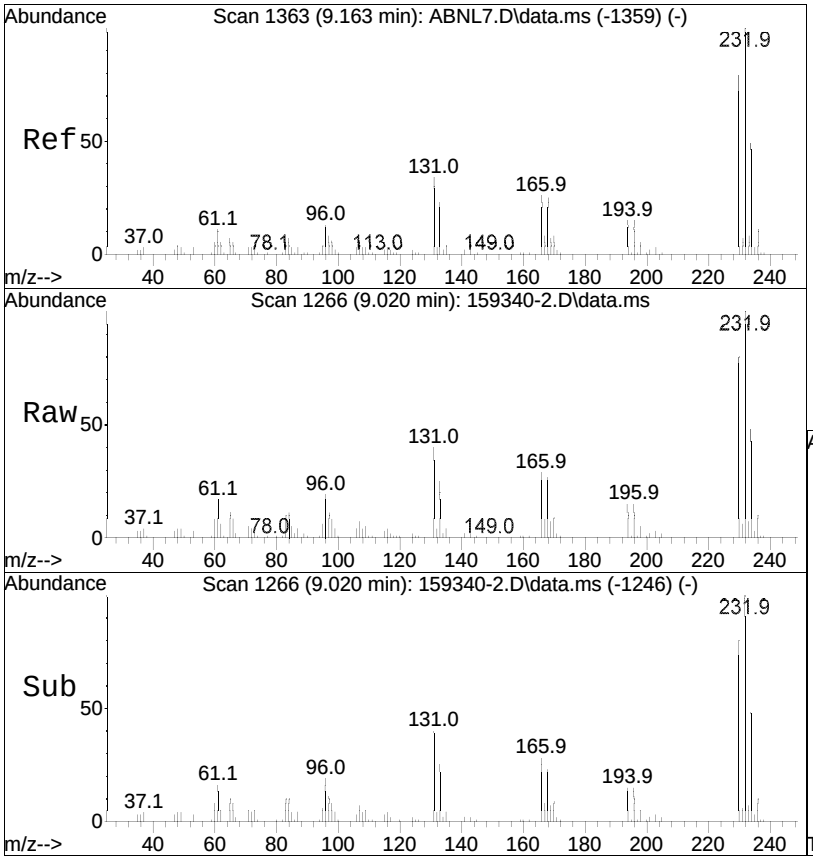


#69
4-Nitrophenol
Concen: 37.68 ug/ml
RT: 8.861 min Scan# 1239
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion: 65 Resp: 102794

Ion	Ratio	Lower	Upper
65	100		
109	61.1	55.3	82.9
139	98.3	95.1	142.7

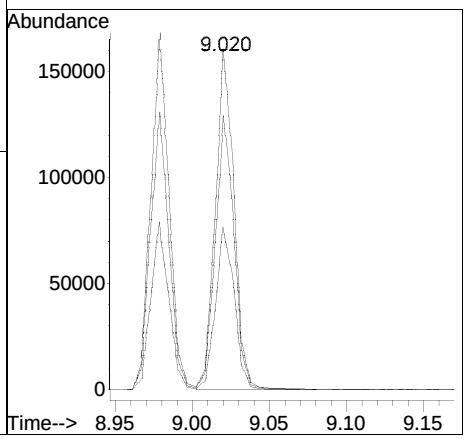


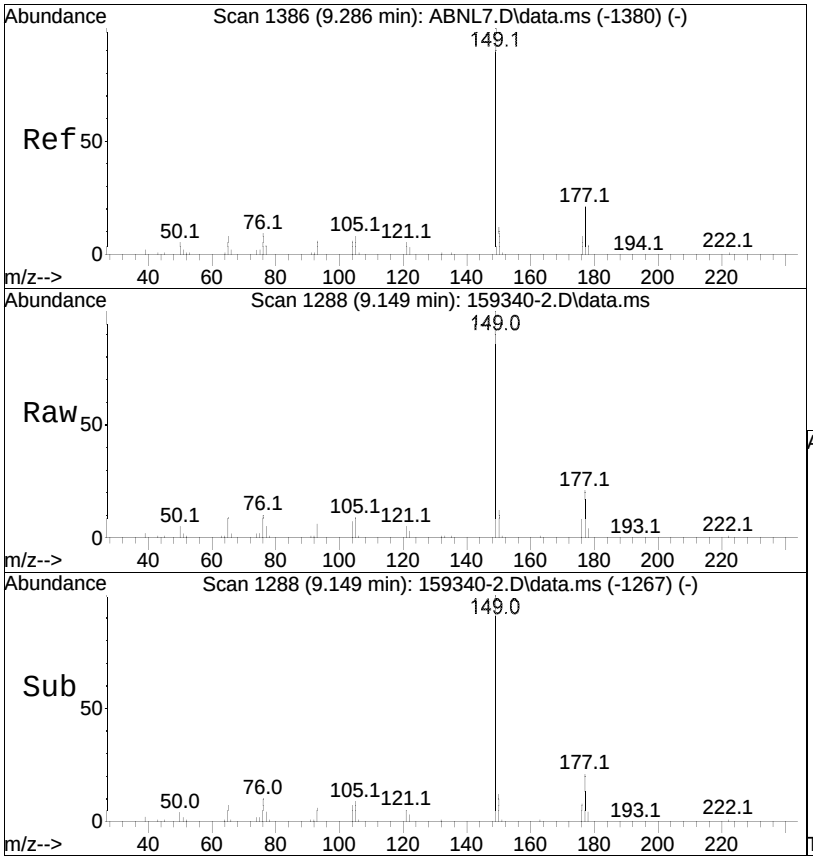


#71
2,3,4,6-Tetrachlorophenol
Concen: 30.96 ug/ml
RT: 9.020 min Scan# 1266
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:232 Resp: 135258

Ion	Ratio	Lower	Upper
232	100		
230	80.5	64.2	96.4
234	47.6	38.4	57.6

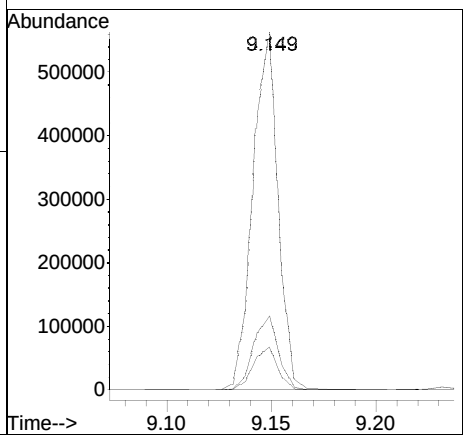


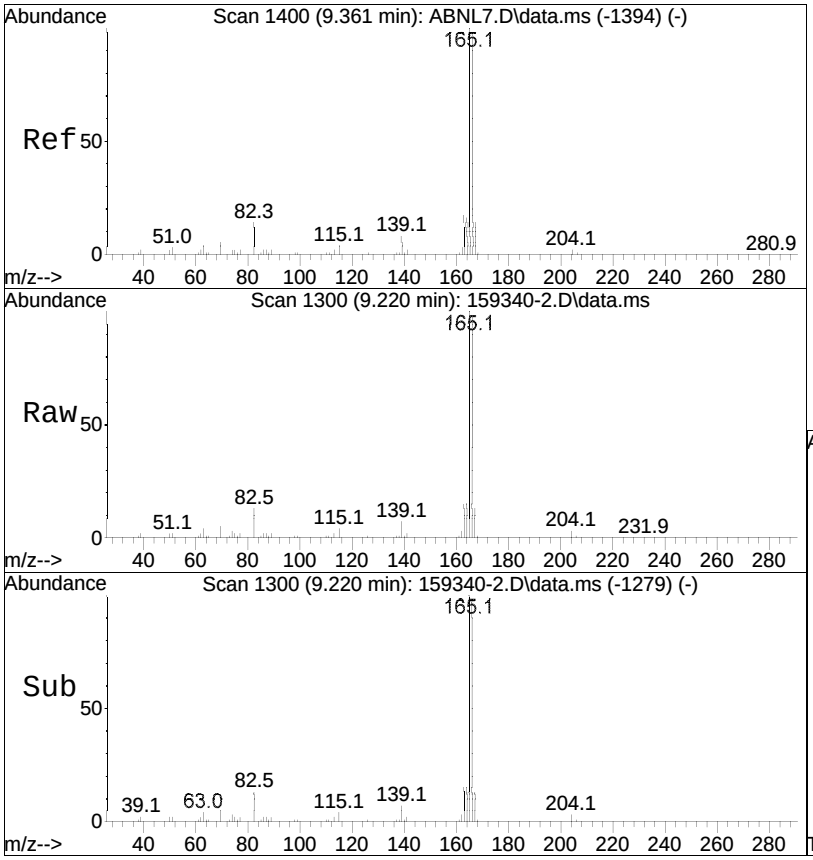


#72
Diethyl phthalate
Concen: 30.48 ug/ml
RT: 9.149 min Scan# 1288
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:149 Resp: 464682

Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.2	24.2
150	11.8	9.4	14.0

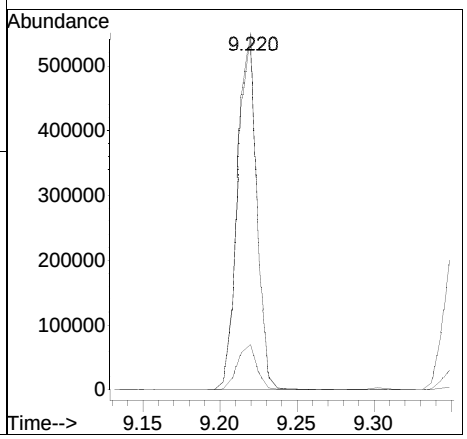


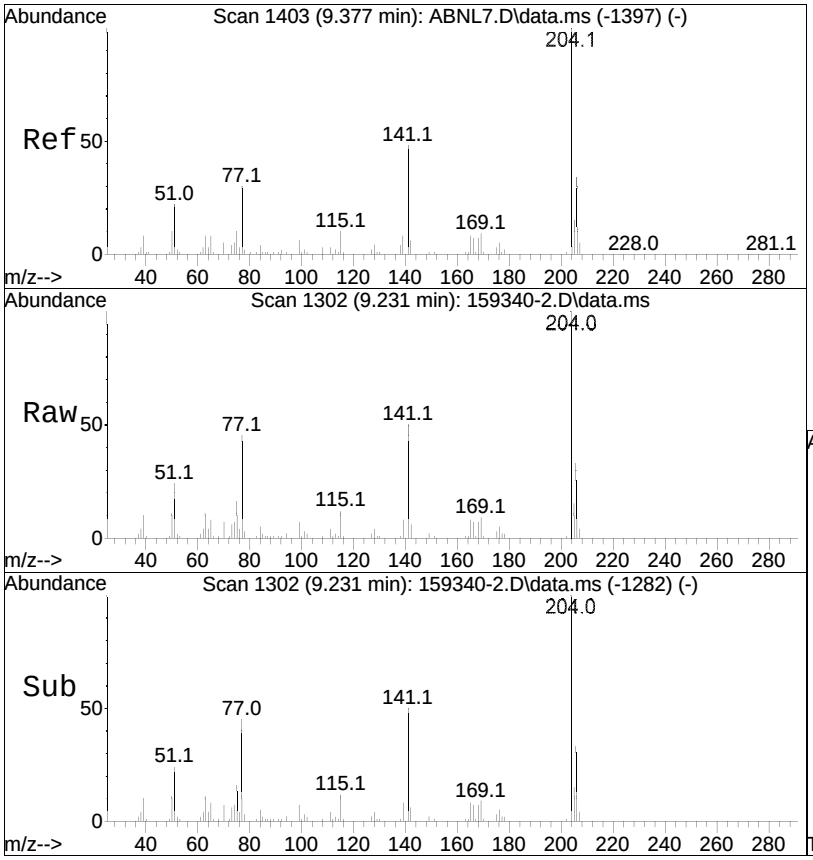


#73
Fluorene
Concen: 29.45 ug/ml
RT: 9.220 min Scan# 1300
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:166 Resp: 471745

Ion	Ratio	Lower	Upper
166	100		
165	102.4	77.2	115.8
167	13.3	10.9	16.3

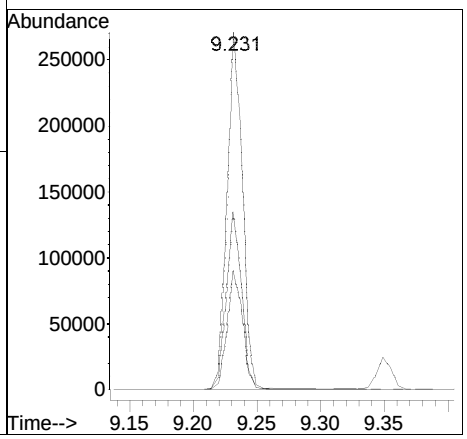


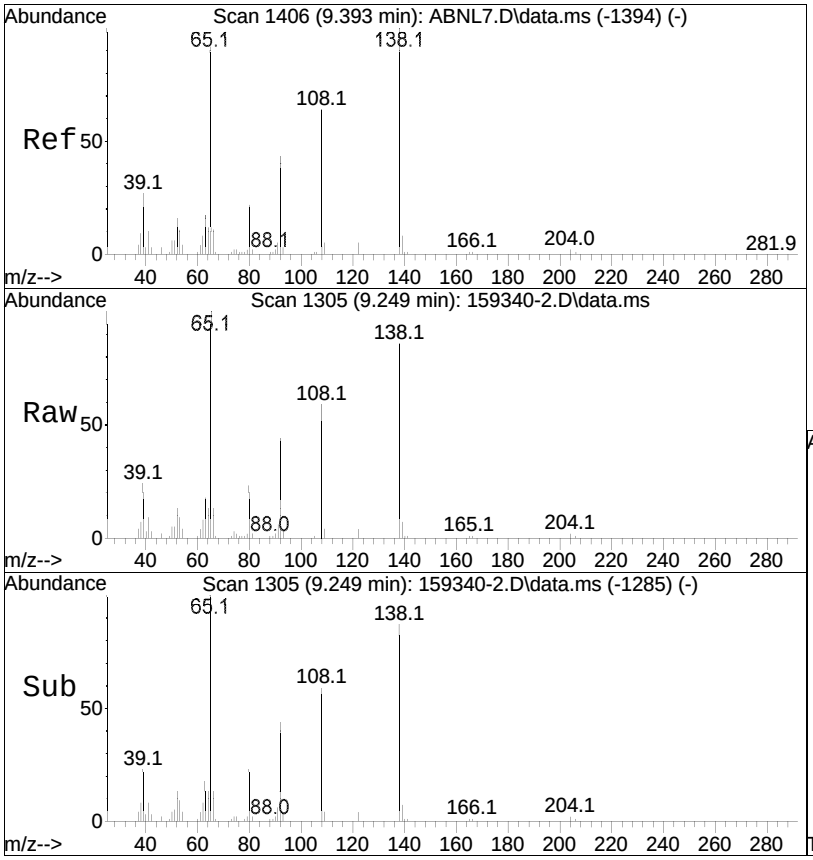


#74
4-Chlorophenyl phenyl ether
Concen: 29.16 ug/ml
RT: 9.231 min Scan# 1302
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:204 Resp: 224971

Ion	Ratio	Lower	Upper
204	100		
206	33.5	27.0	40.6
141	49.2	42.2	63.2

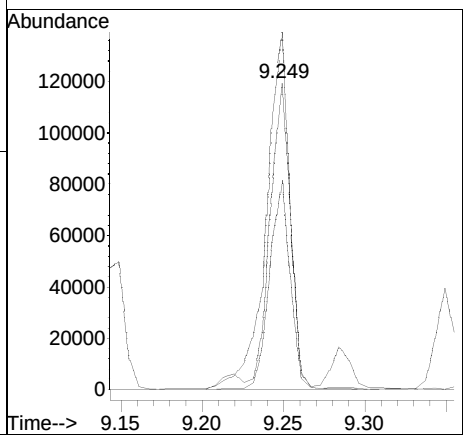


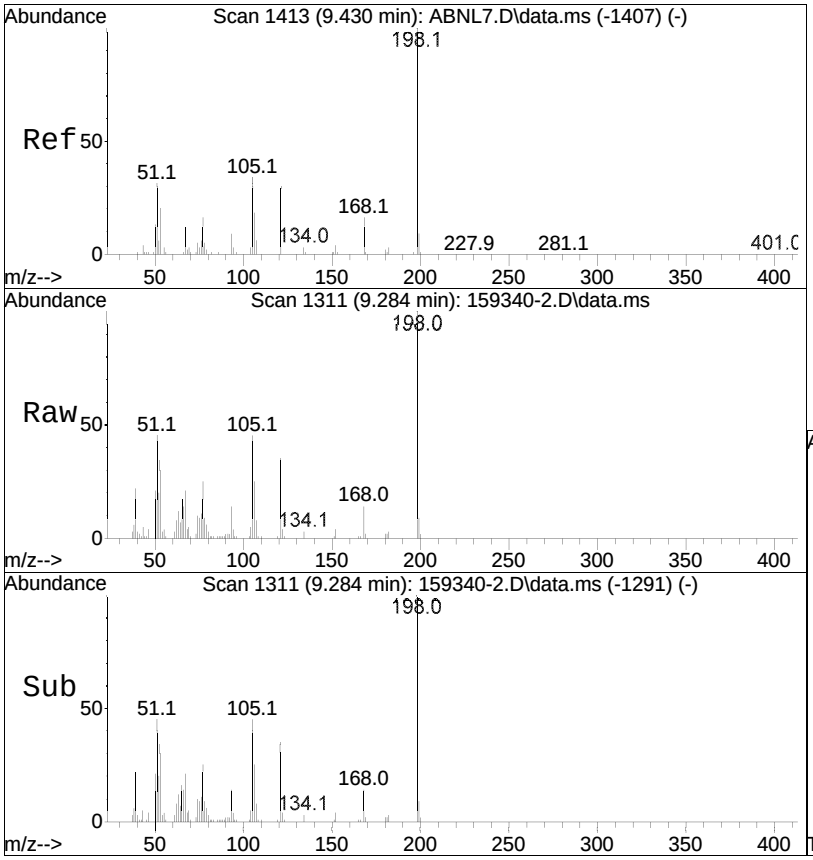


#75
4-Nitroaniline
Concen: 29.63 ug/ml
RT: 9.249 min Scan# 1305
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:138 Resp: 109942

Ion	Ratio	Lower	Upper
138	100		
108	64.8	46.7	70.1
65	125.1	81.2	121.8#

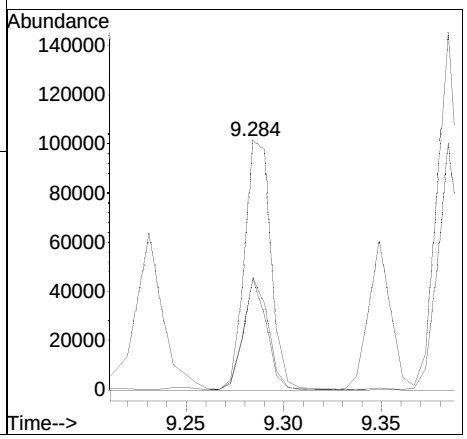


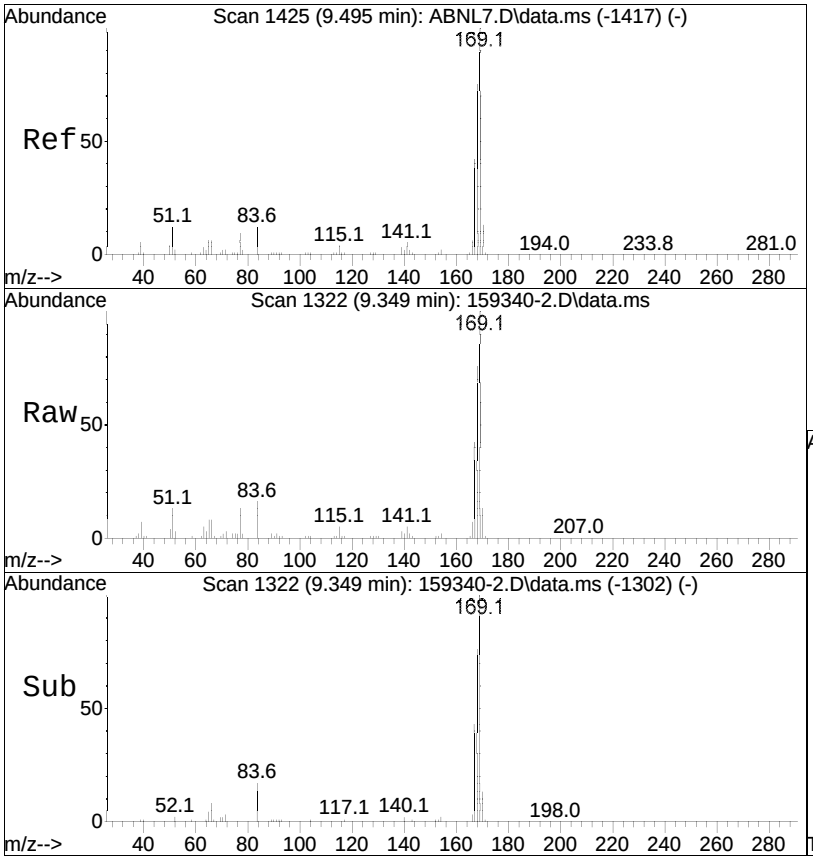


#76
4,6-Dinitro-o-cresol
Concen: 32.42 ug/ml
RT: 9.284 min Scan# 1311
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:198 Resp: 95932

Ion	Ratio	Lower	Upper
198	100		
51	38.6	35.0	52.6
105	41.7	32.3	48.5

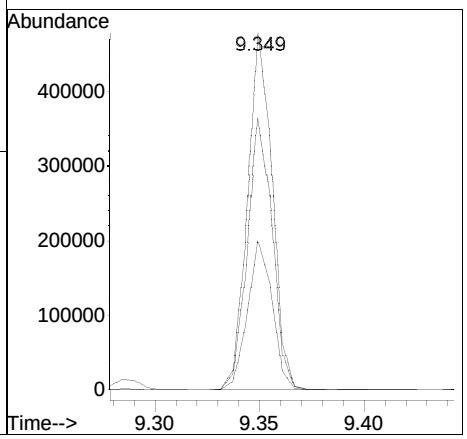


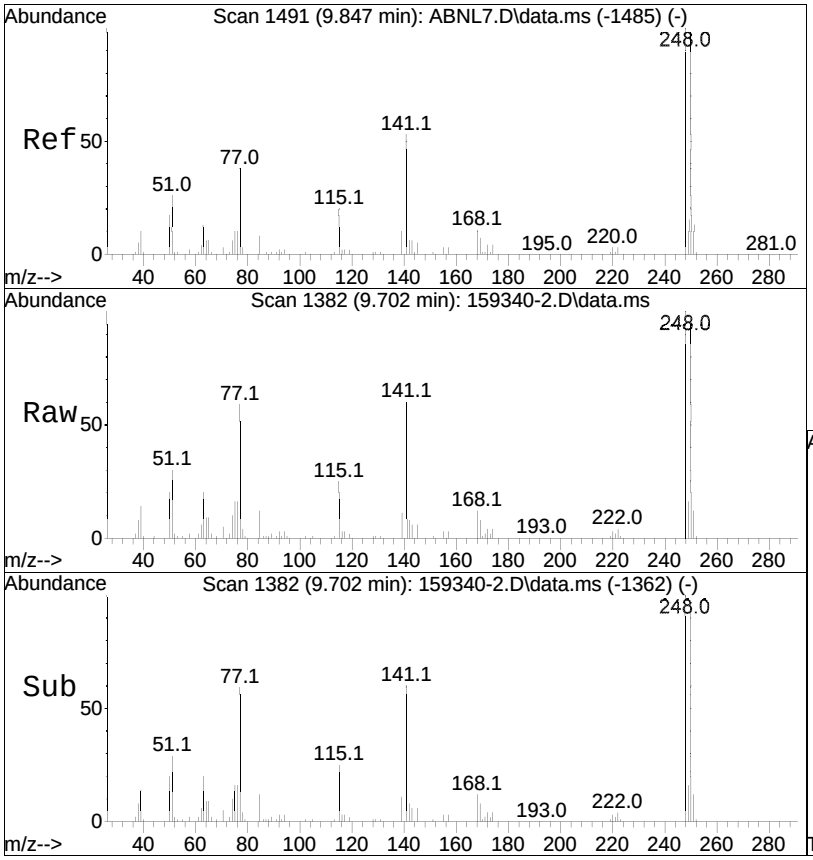


#77
NDPA/DPA
Concen: 29.48 ug/ml
RT: 9.349 min Scan# 1322
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:169 Resp: 393173

Ion	Ratio	Lower	Upper
169	100		
168	77.0	54.6	82.0
167	42.1	30.7	46.1

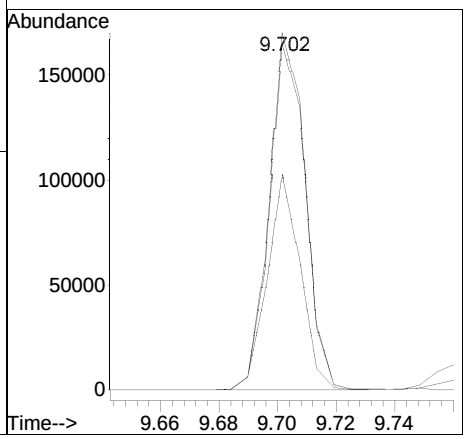


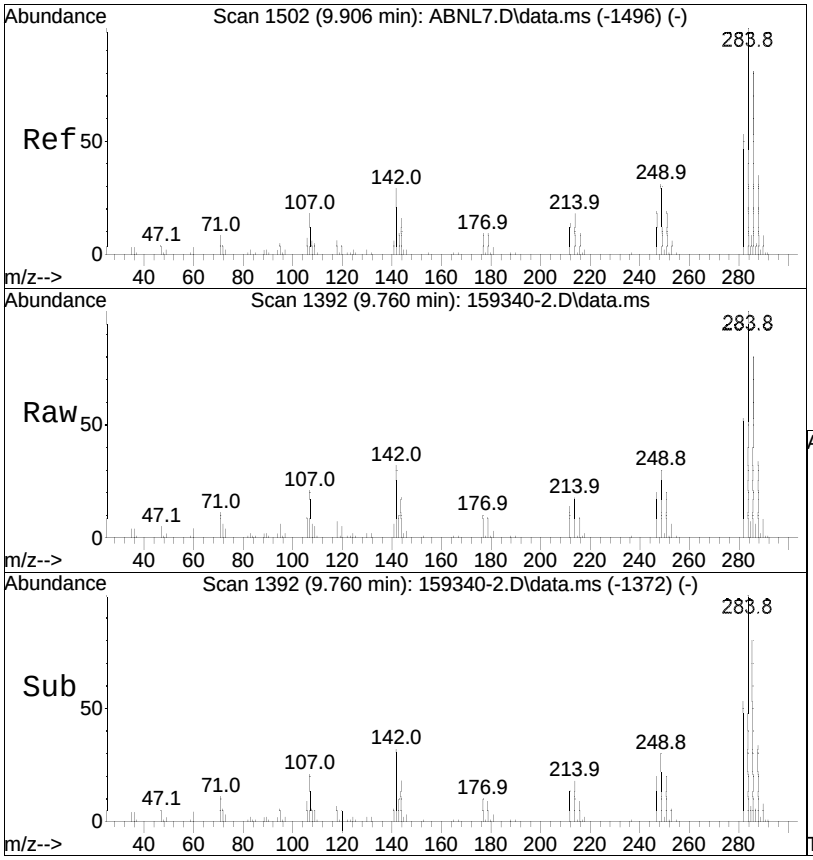


#80
4-Bromophenyl phenyl ether
Concen: 29.35 ug/ml
RT: 9.702 min Scan# 1382
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:248 Resp: 145187

Ion	Ratio	Lower	Upper
248	100		
141	55.7	46.6	70.0
250	96.5	79.4	119.2

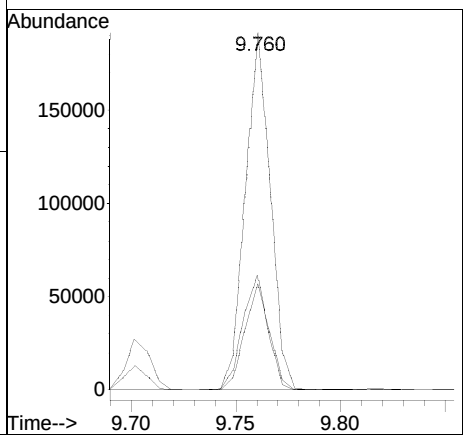


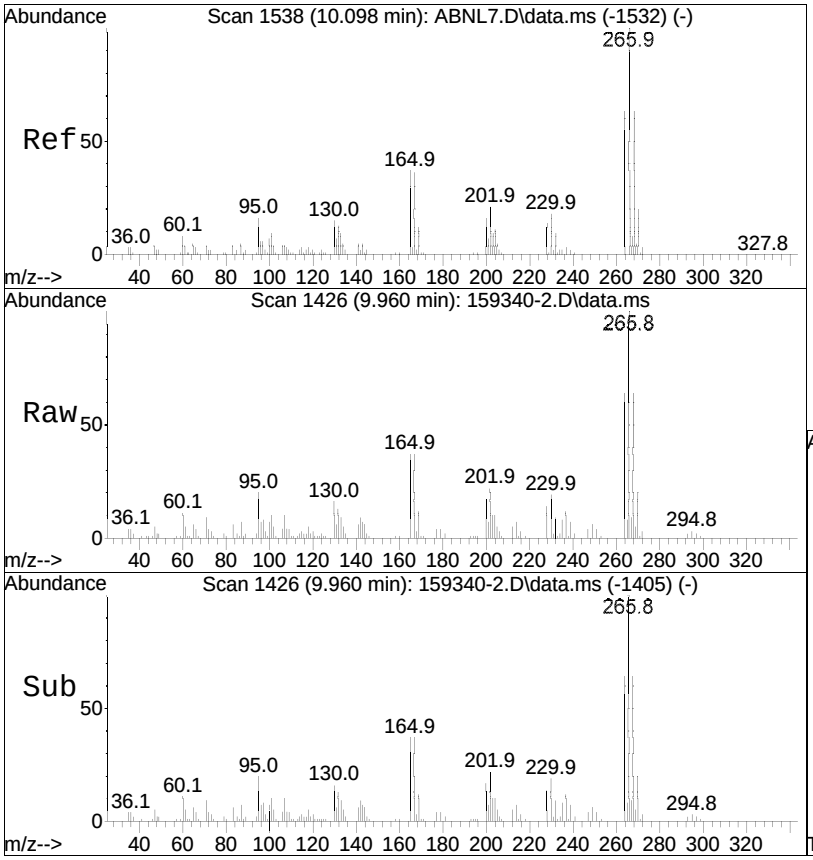


#81
Hexachlorobenzene
Concen: 27.09 ug/ml
RT: 9.760 min Scan# 1392
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:284 Resp: 158773

Ion	Ratio	Lower	Upper
284	100		
142	32.5	26.0	39.0
249	29.6	20.6	30.8

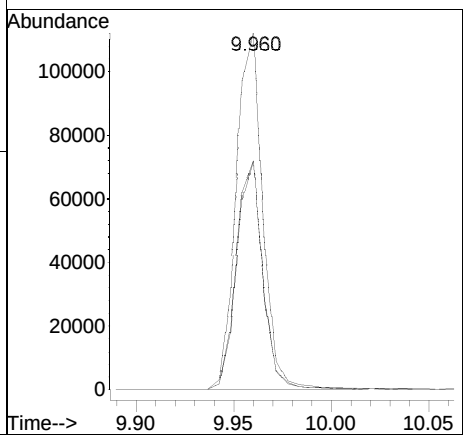


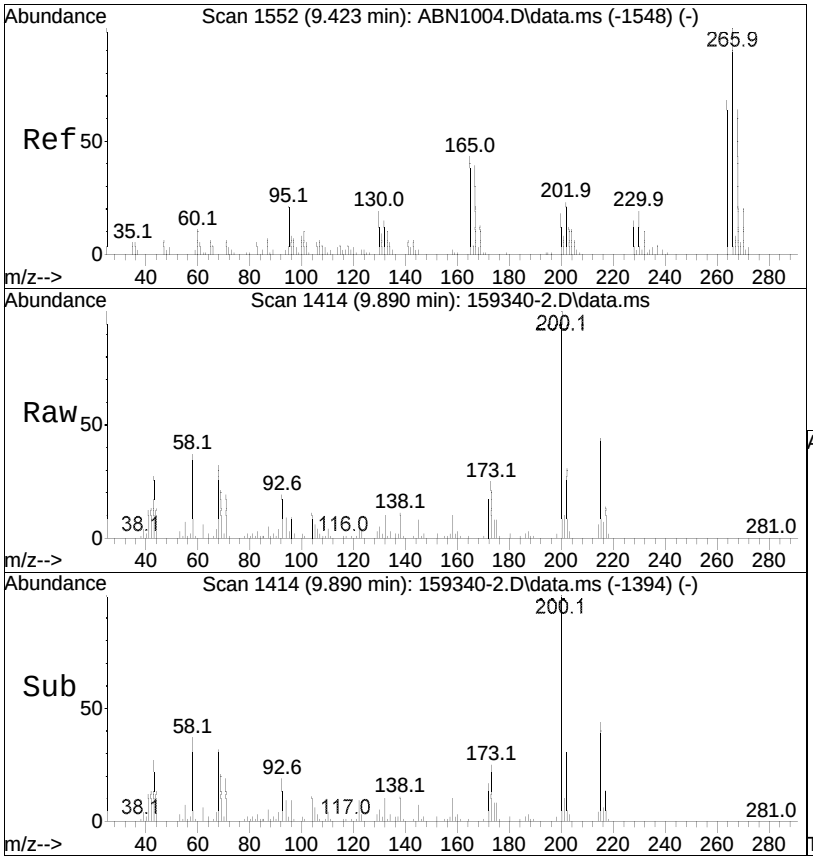


#82
Pentachlorophenol
Concen: 24.81 ug/ml
RT: 9.960 min Scan# 1426
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:266 Resp: 106054

Ion	Ratio	Lower	Upper
266	100		
264	64.3	51.2	76.8
268	62.7	51.5	77.3

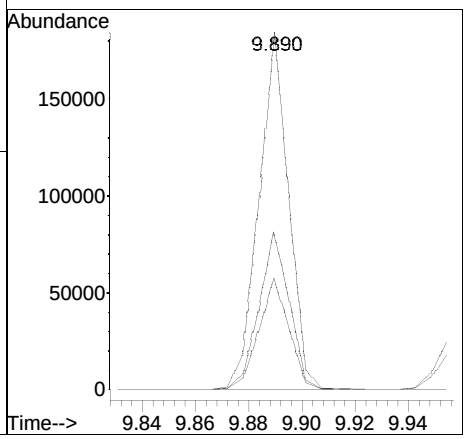


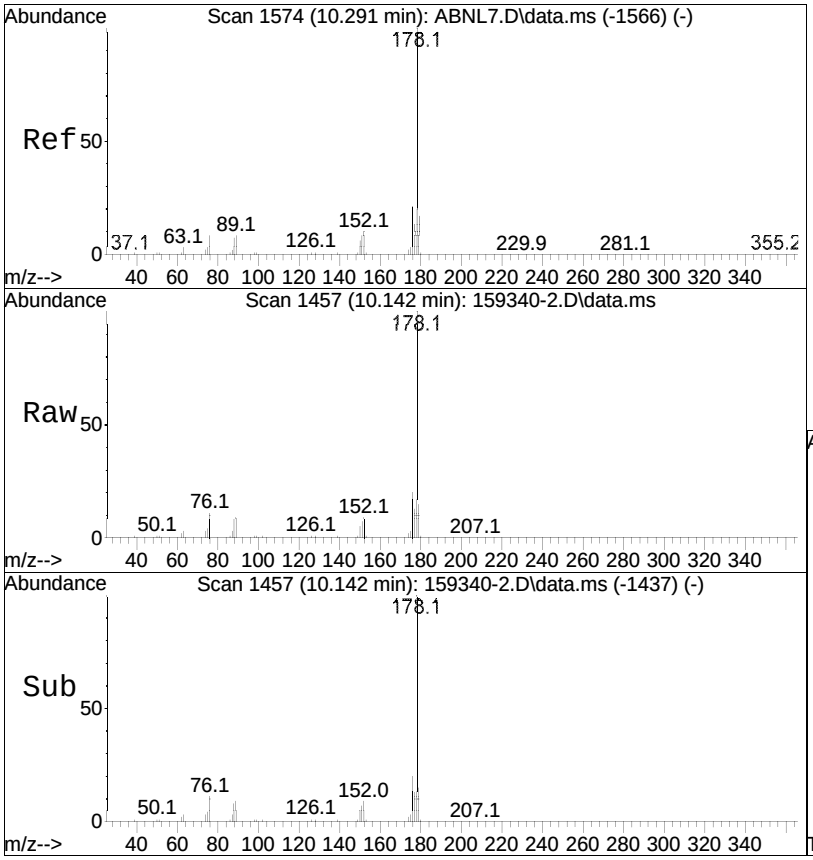


#87
Atrazine
Concen: 29.29 ug/ml
RT: 9.890 min Scan# 1414
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:200 Resp: 141312

Ion	Ratio	Lower	Upper
200	100		
202	31.8	25.8	38.8
215	45.2	40.3	60.5

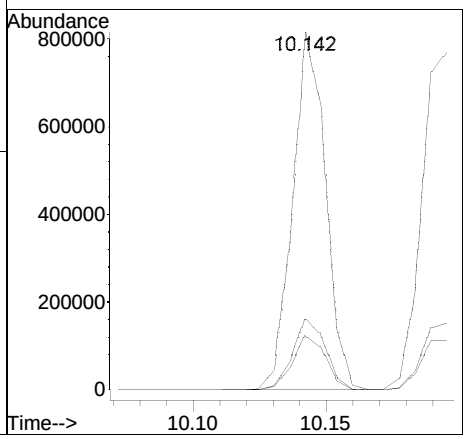


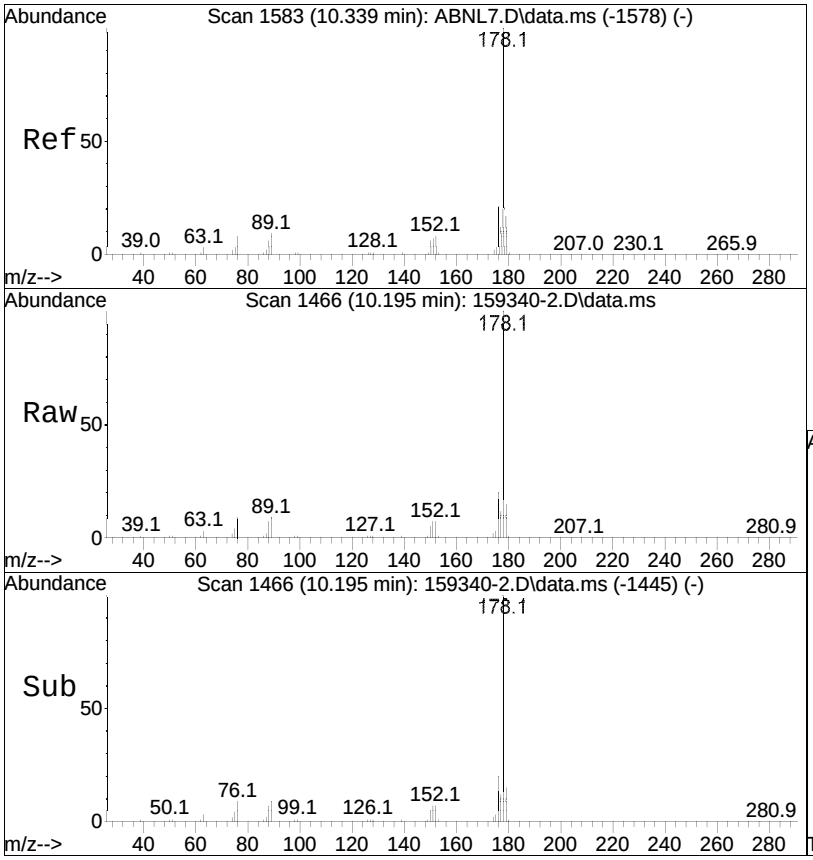


#89
Phenanthrene
Concen: 29.50 ug/ml
RT: 10.142 min Scan# 1457
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:178 Resp: 699168

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.7	19.1
176	19.9	15.8	23.6

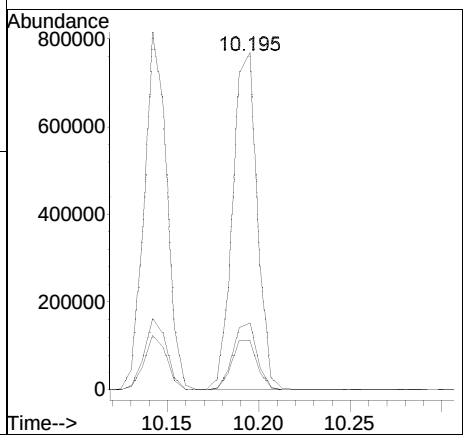


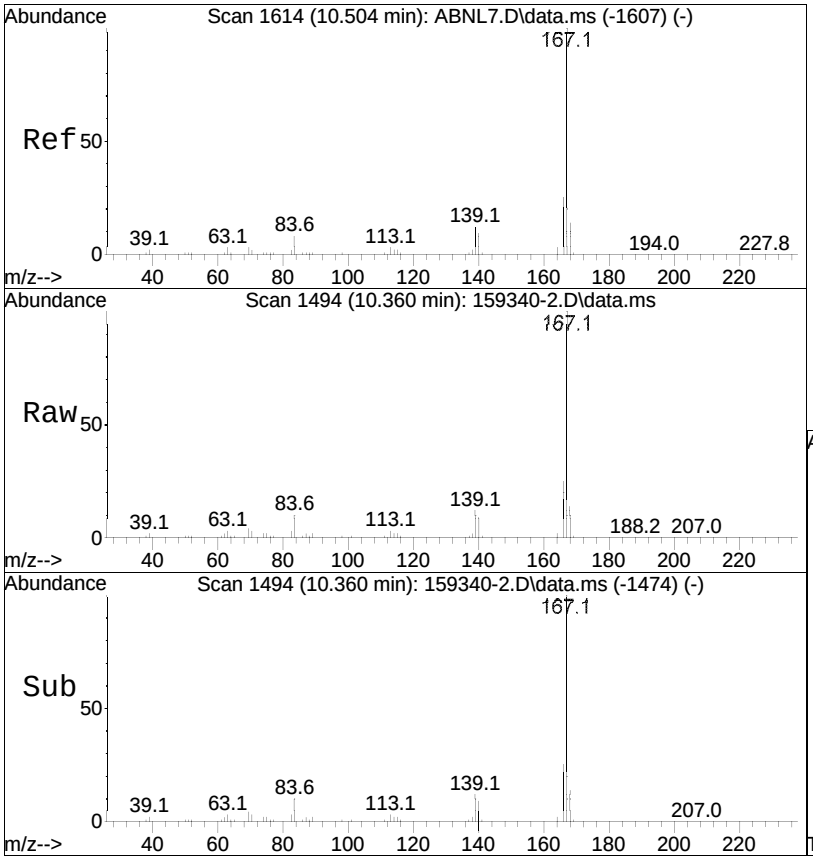


#90
Anthracene
Concen: 30.28 ug/ml
RT: 10.195 min Scan# 1466
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:178 Resp: 717308

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.5	18.7
176	19.6	15.4	23.0

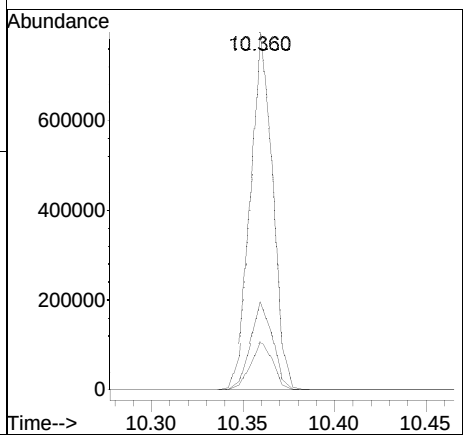


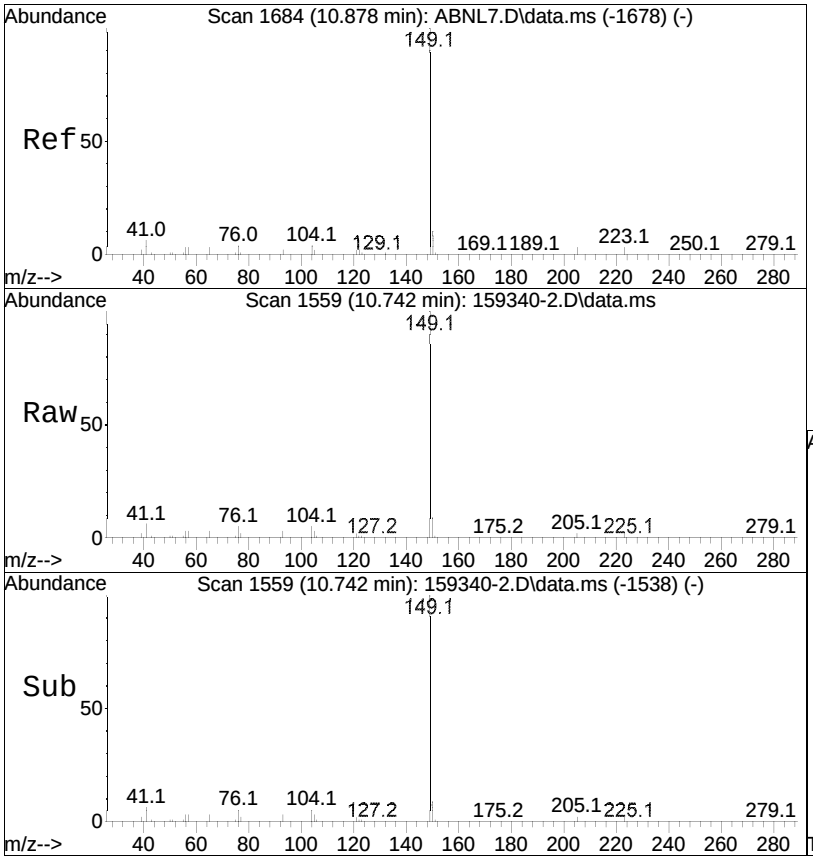


#91
Carbazole
Concen: 30.03 ug/ml
RT: 10.360 min Scan# 1494
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:167 Resp: 672468

Ion	Ratio	Lower	Upper
167	100		
168	13.5	11.3	16.9
166	24.6	17.8	26.8

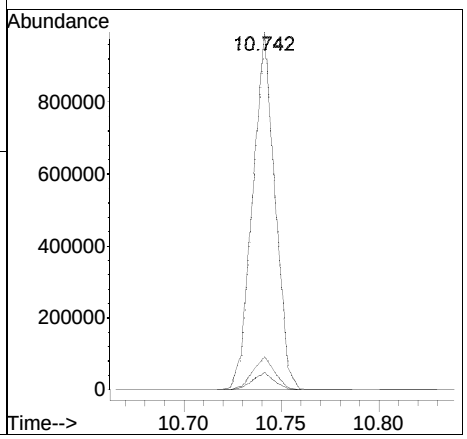


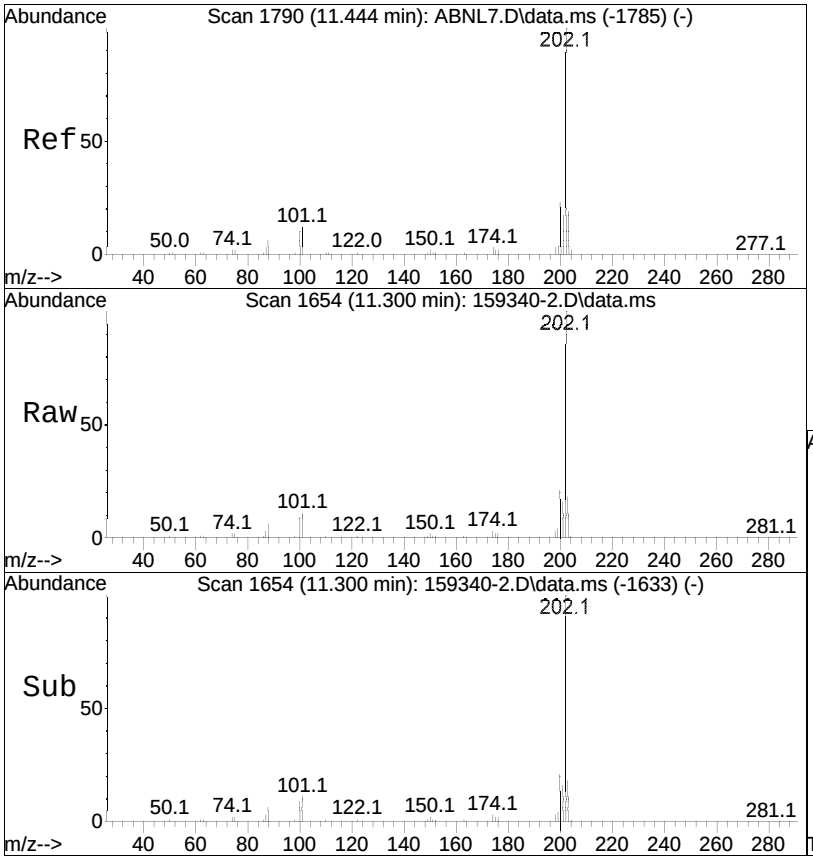


#92
Di-n-butylphthalate
Concen: 32.44 ug/ml
RT: 10.742 min Scan# 1559
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:149 Resp: 777160

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.8	3.8	5.8

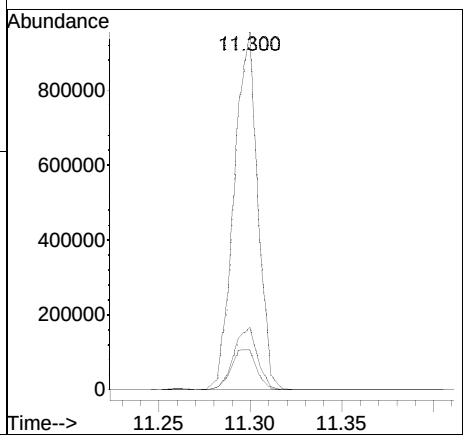


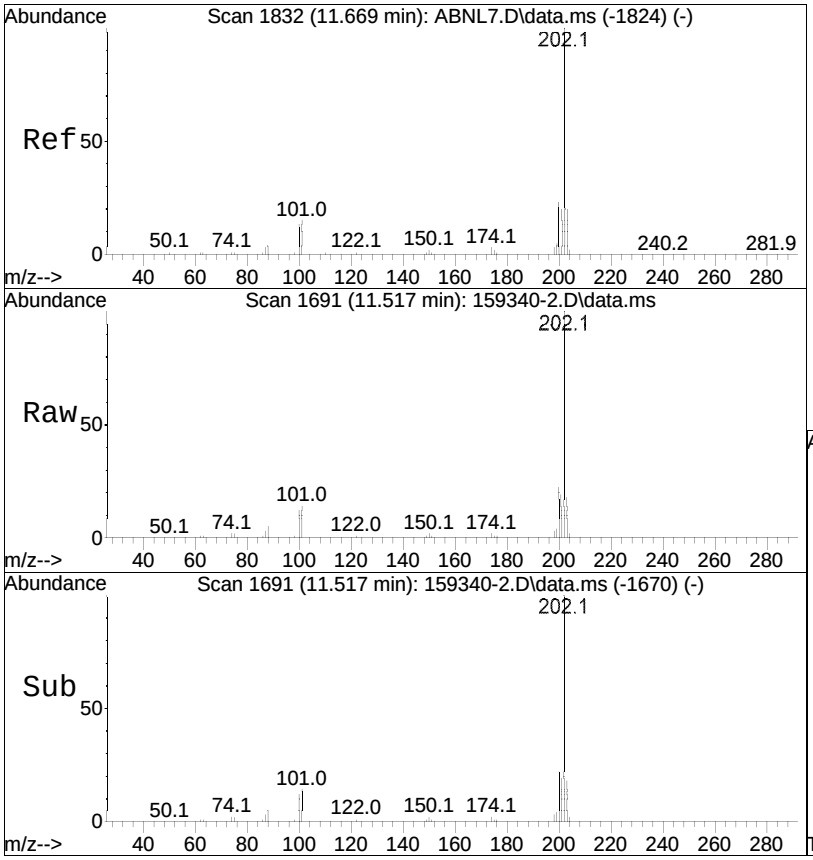


#93
Fluoranthene
Concen: 30.37 ug/ml
RT: 11.300 min Scan# 1654
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:202 Resp: 845601

Ion	Ratio	Lower	Upper
202	100		
101	12.3	12.6	19.0#
203	17.6	14.4	21.6

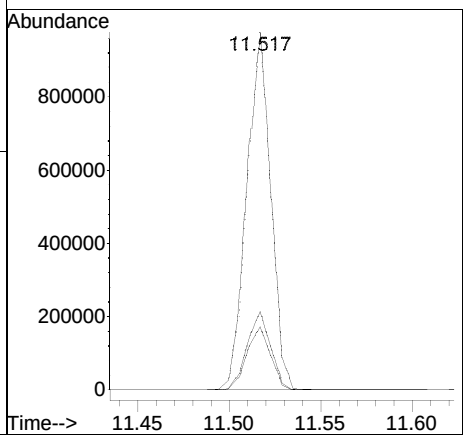


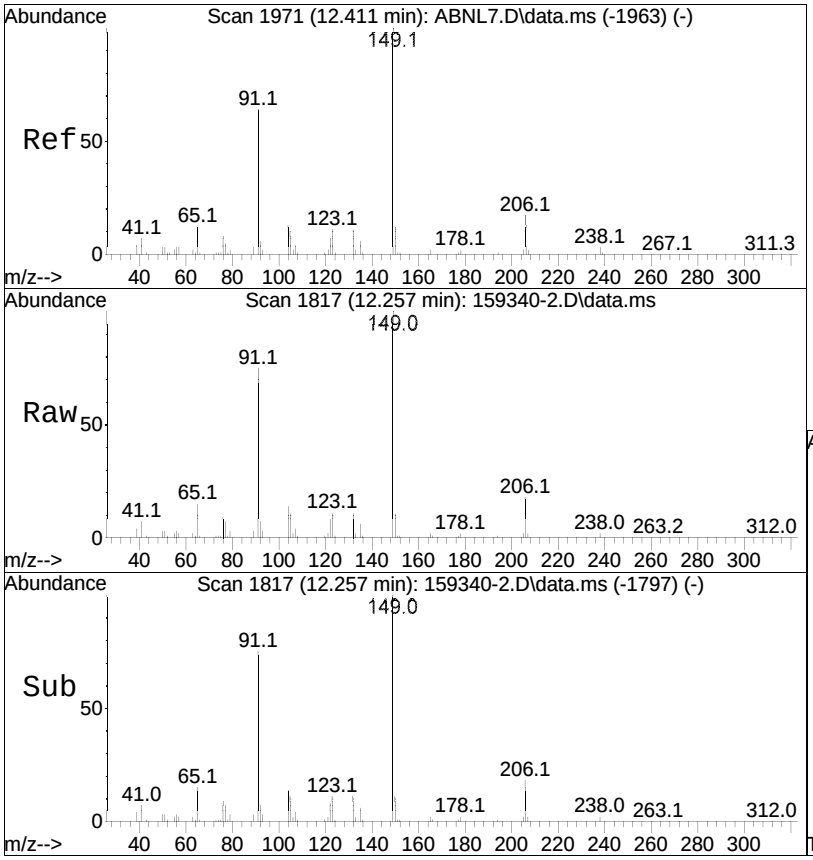


#95
Pyrene
Concen: 29.26 ug/ml
RT: 11.517 min Scan# 1691
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:202 Resp: 881565

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.2	25.8
203	17.7	15.0	22.6

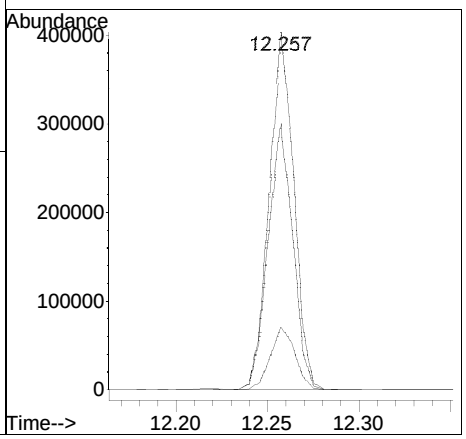


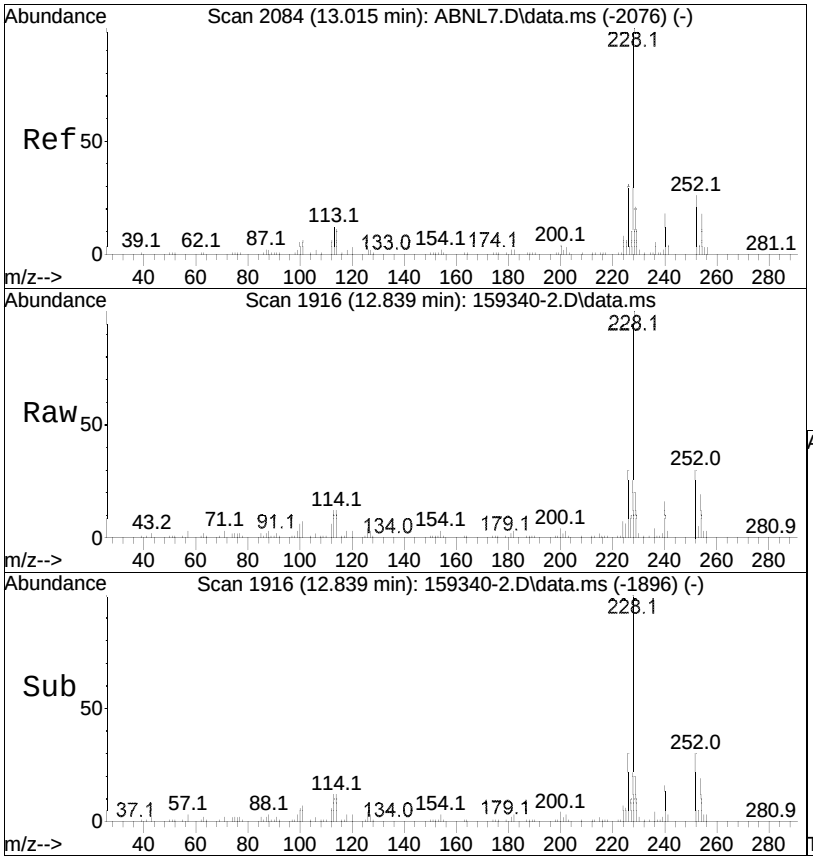


#97
Butyl benzyl phthalate
Concen: 29.88 ug/ml
RT: 12.257 min Scan# 1817
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:149 Resp: 370314

Ion	Ratio	Lower	Upper
149	100		
91	75.1	53.4	80.2
206	17.8	13.3	19.9

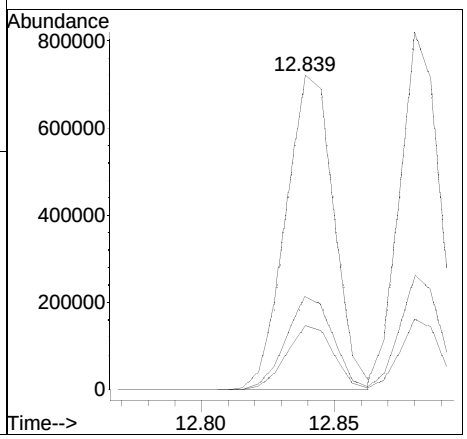


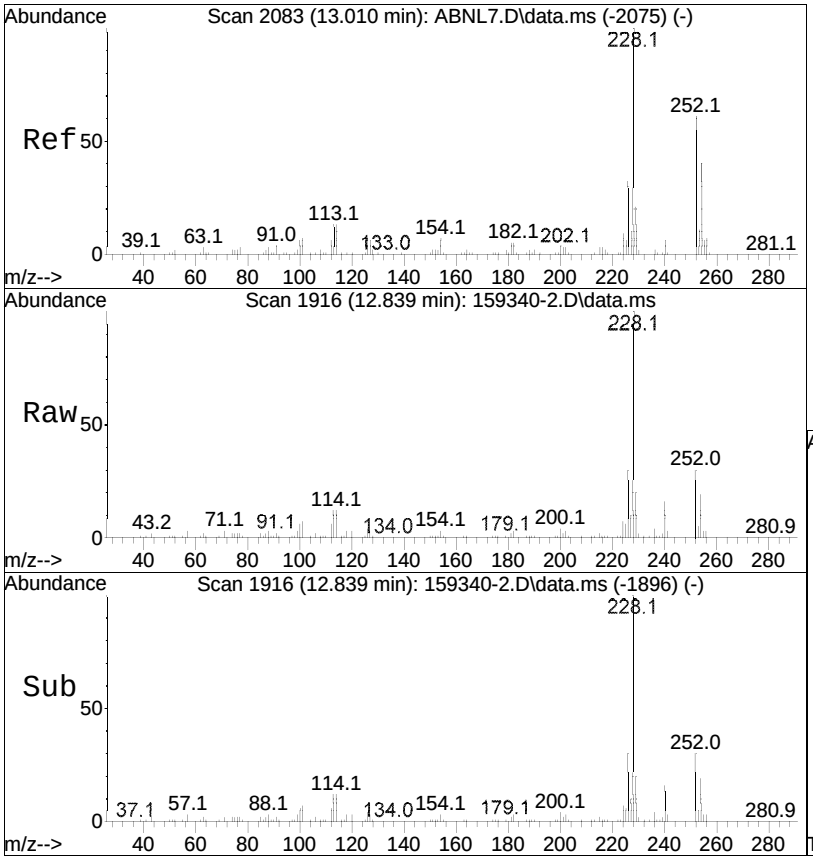


#105
Benzo(a)anthracene
Concen: 33.20 ug/ml
RT: 12.839 min Scan# 1916
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:228 Resp: 904730

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.9	34.3
229	20.0	16.1	24.1

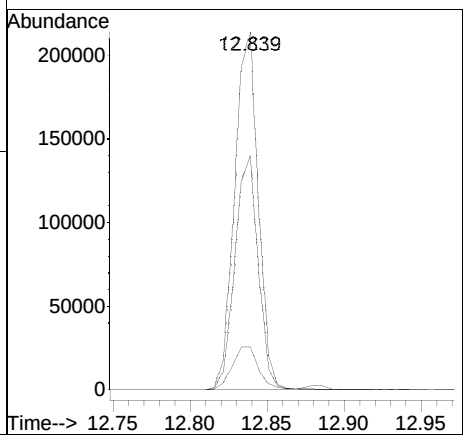


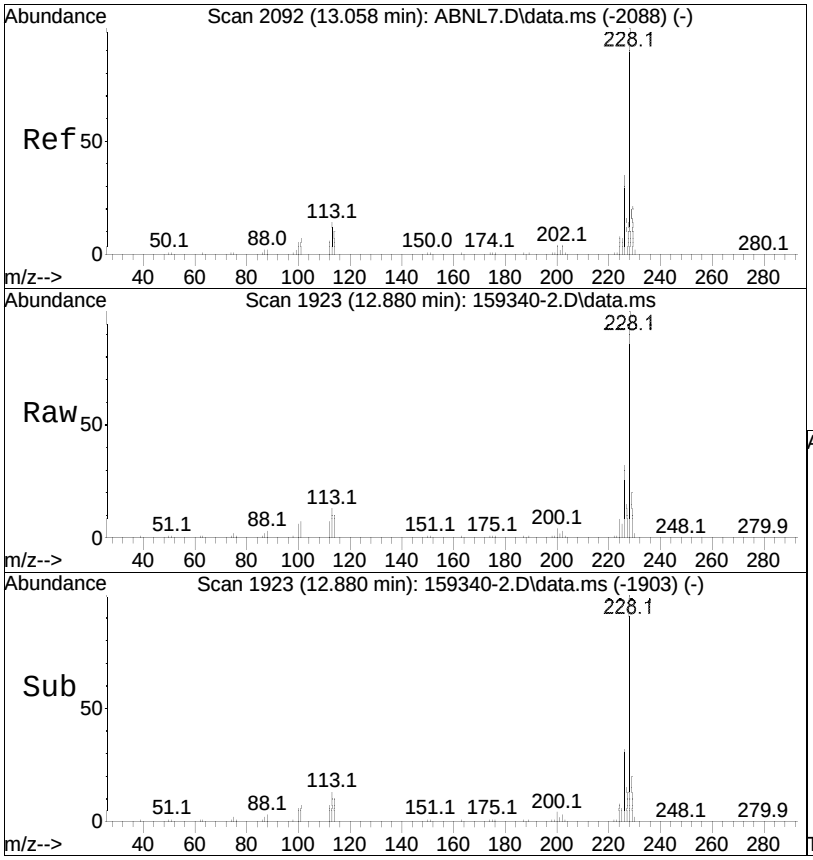


#106
3,3'-Dichlorobenzidine
Concen: 23.21 ug/ml
RT: 12.839 min Scan# 1916
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:252 Resp: 225945

Ion	Ratio	Lower	Upper
252	100		
126	13.8	13.4	20.0
254	64.5	52.8	79.2

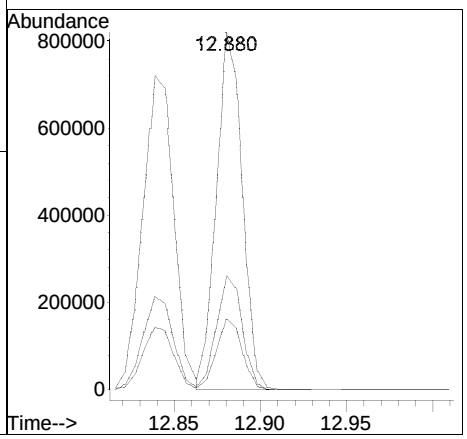


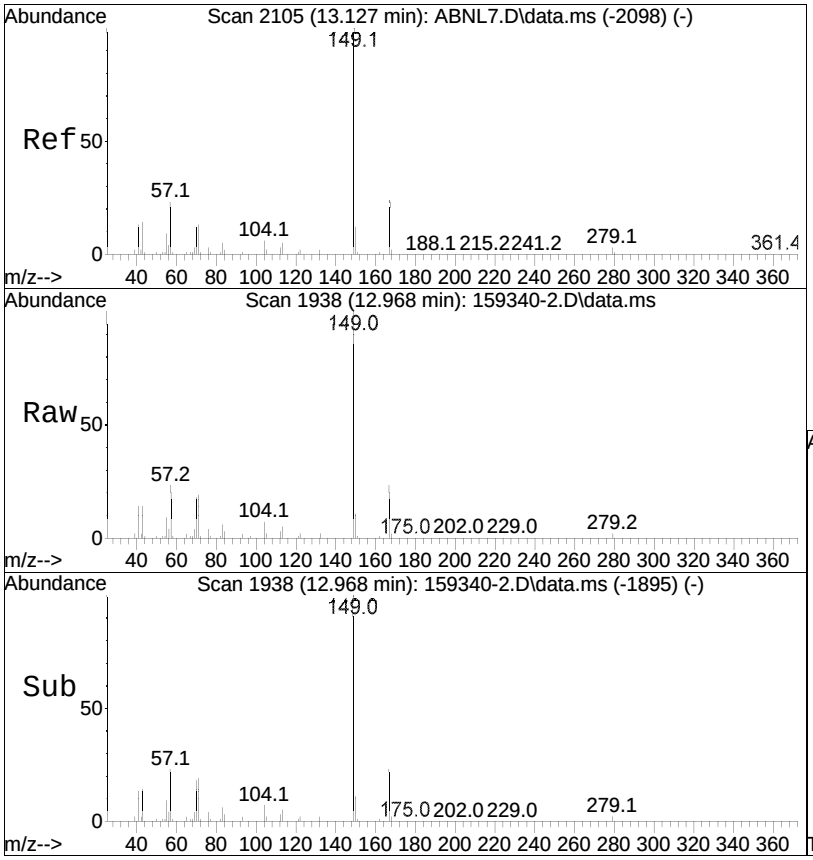


#107
Chrysene
Concen: 34.06 ug/ml
RT: 12.880 min Scan# 1923
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:228 Resp: 852832

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	19.9	16.6	24.8

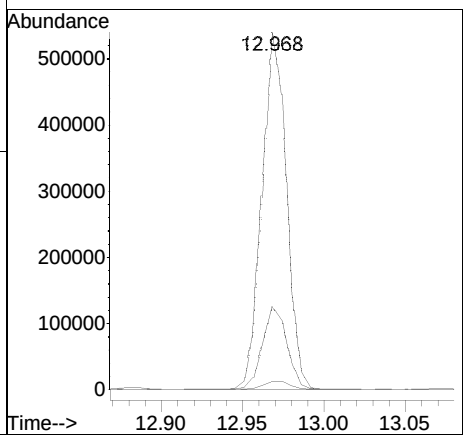


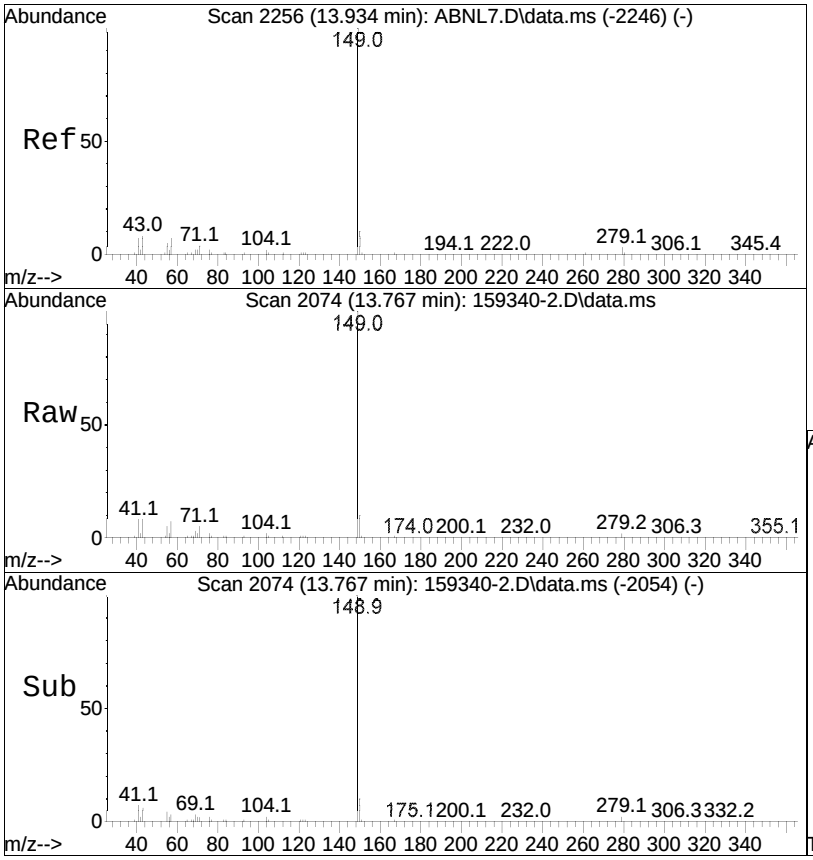


#108
Bis(2-ethylhexyl)phthalate
Concen: 40.23 ug/ml
RT: 12.968 min Scan# 1938
Delta R.T. 0.000 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:149 Resp: 557025

Ion	Ratio	Lower	Upper
149	100		
167	23.5	21.2	31.8
279	2.4	3.8	5.6#

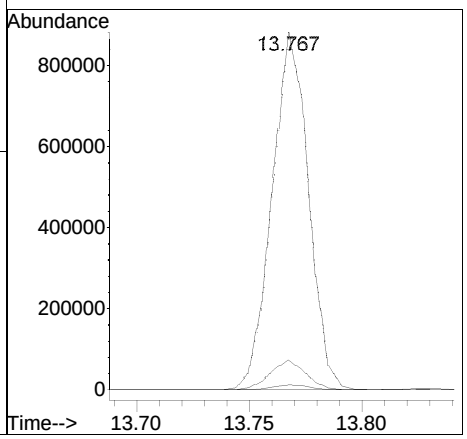


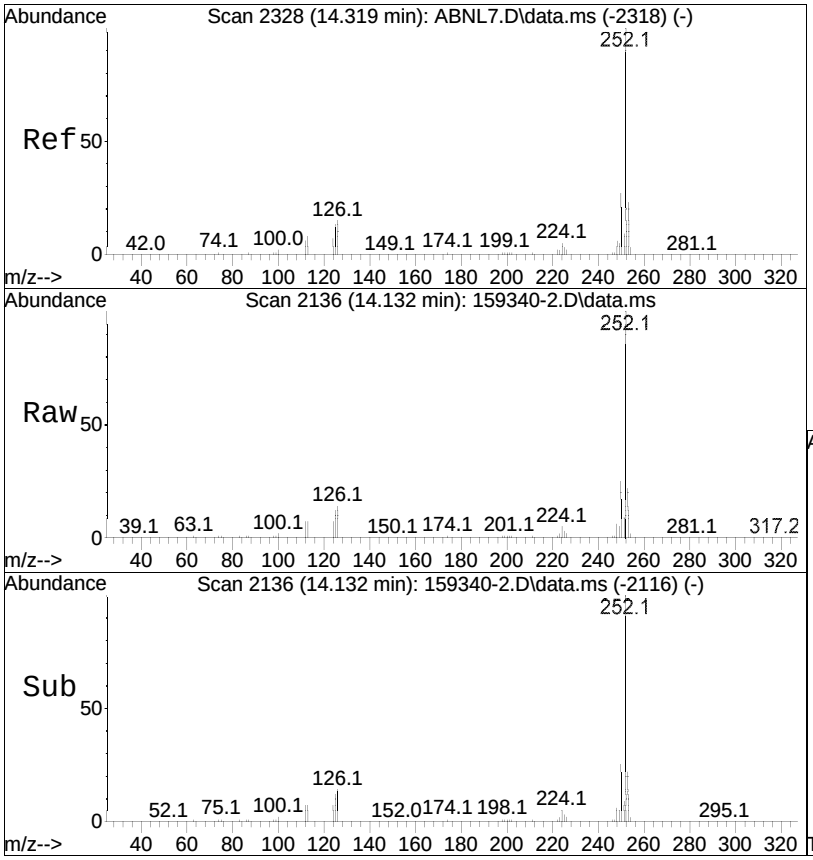


#109
Di-n-octylphthalate
Concen: 42.63 ug/ml
RT: 13.767 min Scan# 2074
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:149 Resp: 979667

Ion	Ratio	Lower	Upper
149	100		
43	8.2	8.0	12.0
167	1.3	1.0	1.6

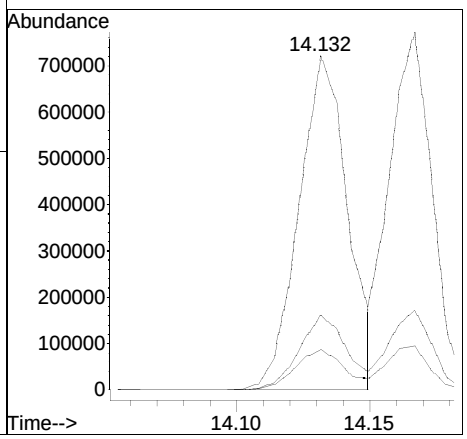


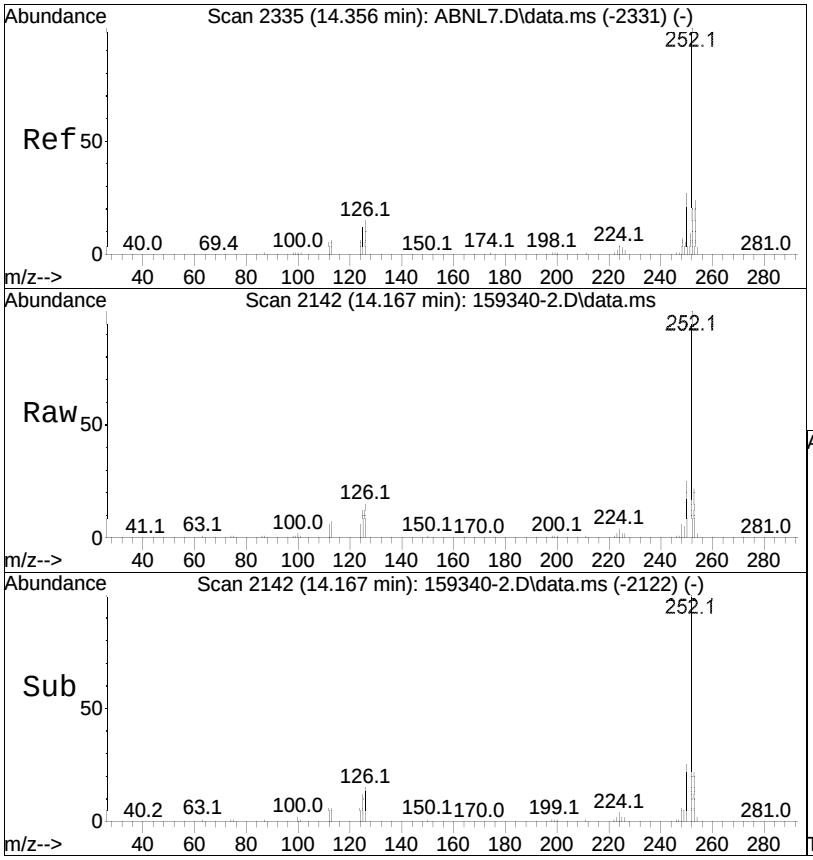


#110
Benzo(b)fluoranthene
Concen: 35.15 ug/ml
RT: 14.132 min Scan# 2136
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:252 Resp: 927518

Ion	Ratio	Lower	Upper
252	100		
125	12.4	12.6	18.8#
253	21.9	18.2	27.2

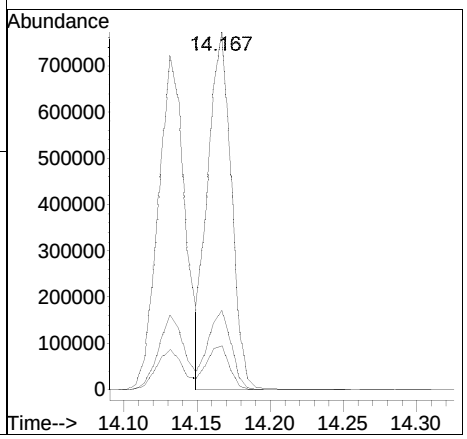


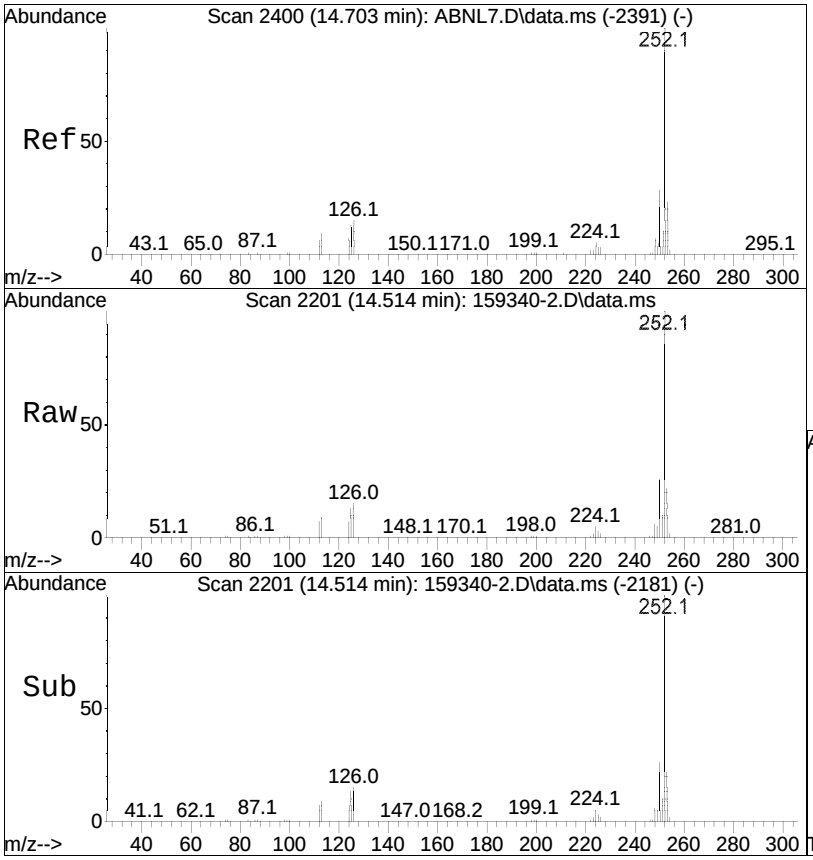


#111
Benzo(k)fluoranthene
Concen: 32.27 ug/ml
RT: 14.167 min Scan# 2142
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:252 Resp: 854809

Ion	Ratio	Lower	Upper
252	100		
125	12.1	12.1	18.1
253	22.1	18.1	27.1

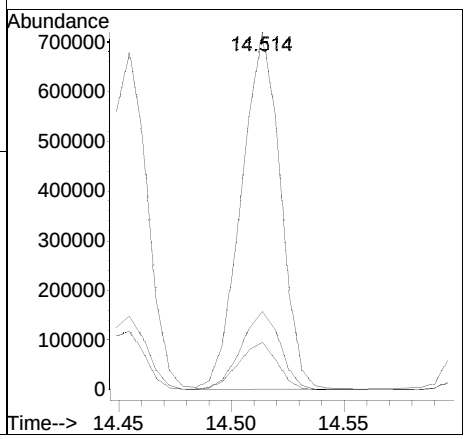


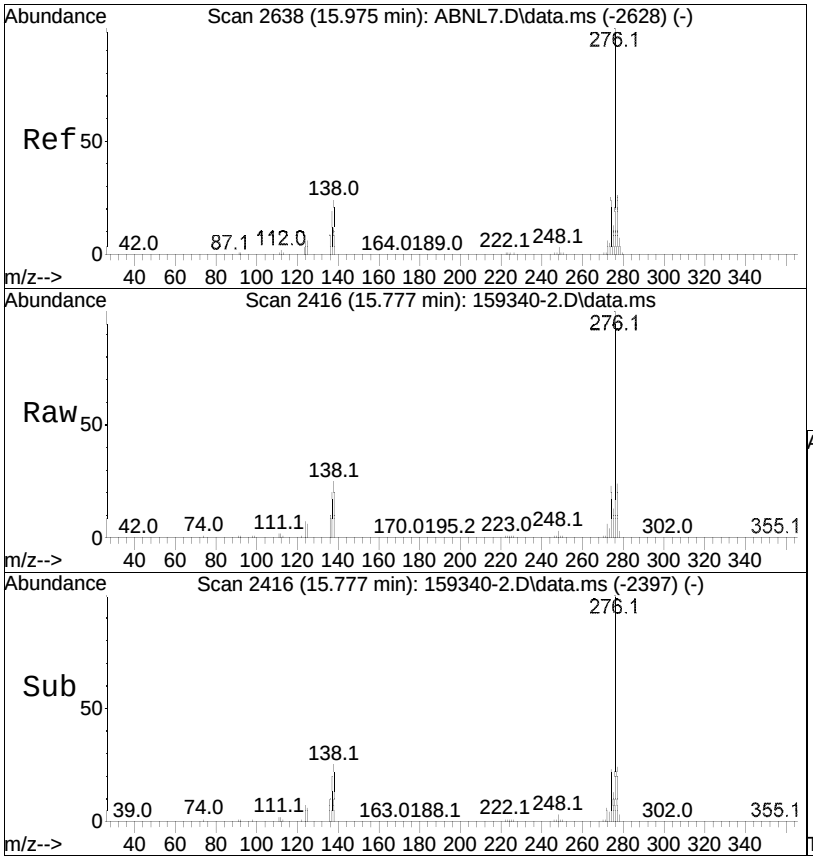


#112
Benzo(a)pyrene
Concen: 34.60 ug/ml
RT: 14.514 min Scan# 2201
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:252 Resp: 864378

Ion	Ratio	Lower	Upper
252	100		
125	13.4	13.3	19.9
253	22.0	18.2	27.4

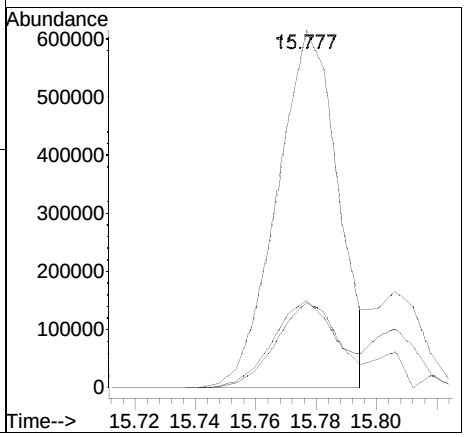


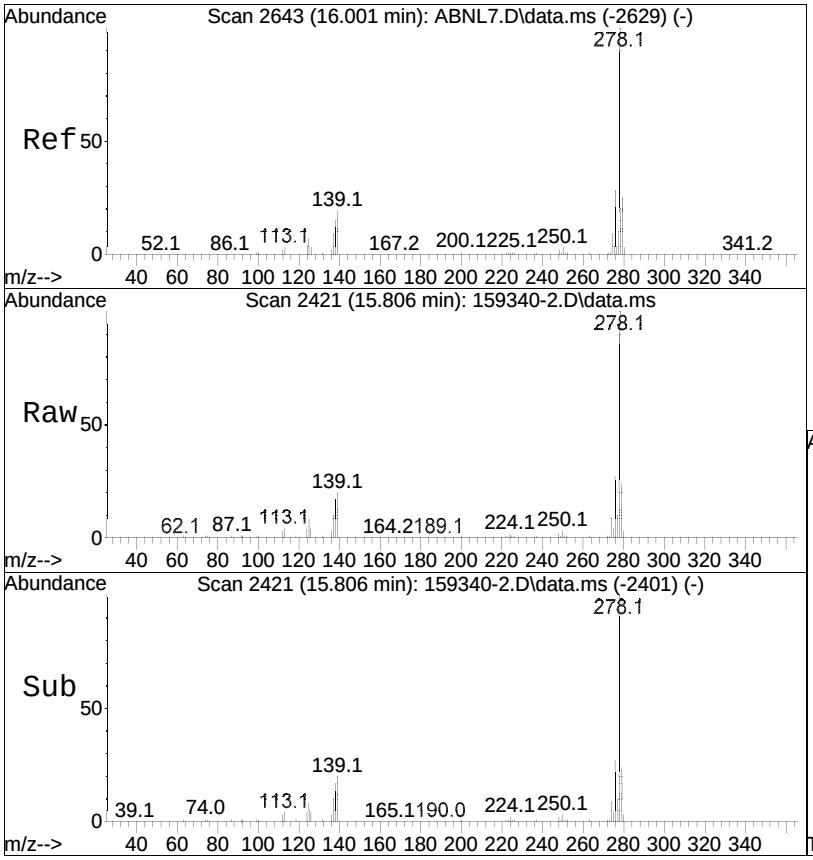


#114
Indeno(1,2,3-cd)pyrene
Concen: 32.14 ug/mL M6
RT: 15.777 min Scan# 2416
Delta R.T. -0.011 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:276 Resp: 864023

Ion	Ratio	Lower	Upper
276	100		
138	26.4	26.7	40.1#
277	30.5	20.4	30.6

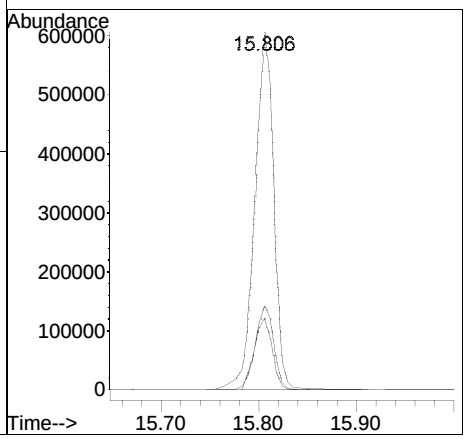


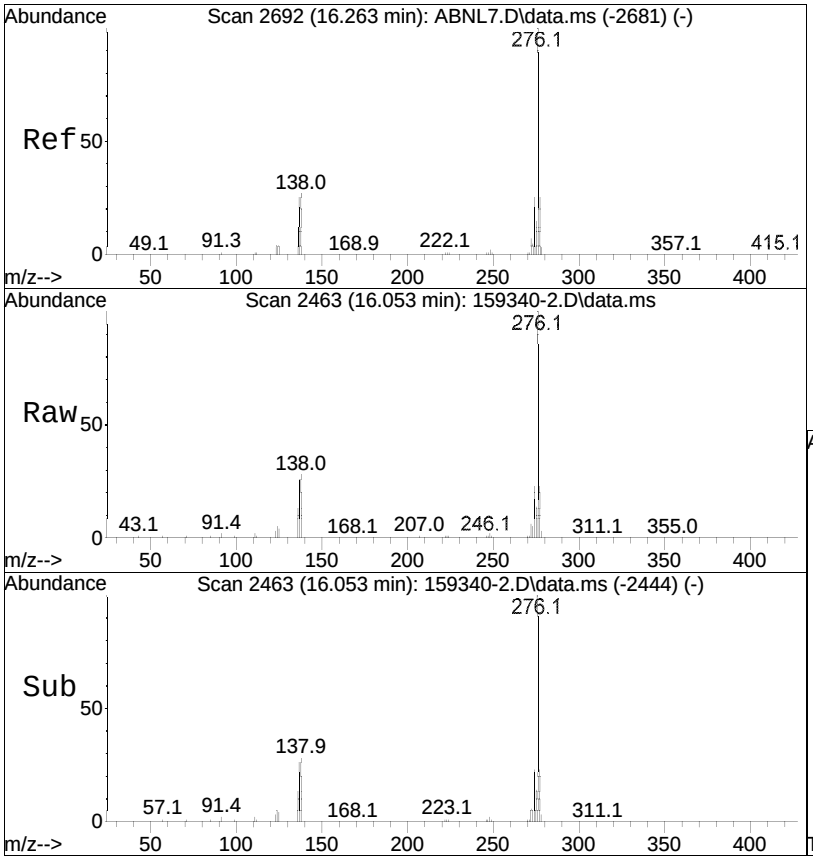


#115
Dibenzo(a,h)anthracene
Concen: 29.63 ug/ml
RT: 15.806 min Scan# 2421
Delta R.T. -0.006 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:278 Resp: 810336

Ion	Ratio	Lower	Upper
278	100		
139	19.3	18.2	27.4
279	23.4	19.3	28.9

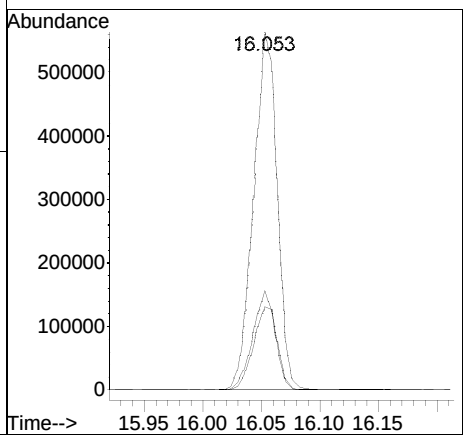




#116
Benzo(ghi)perylene
Concen: 30.00 ug/ml
RT: 16.053 min Scan# 2463
Delta R.T. -0.011 min
Lab File: 159340-2.D
Acq: 29 Dec 2025 12:00 pm

Tgt Ion:276 Resp: 782474

Ion	Ratio	Lower	Upper
276	100		
138	26.7	26.1	39.1
277	23.9	19.4	29.0

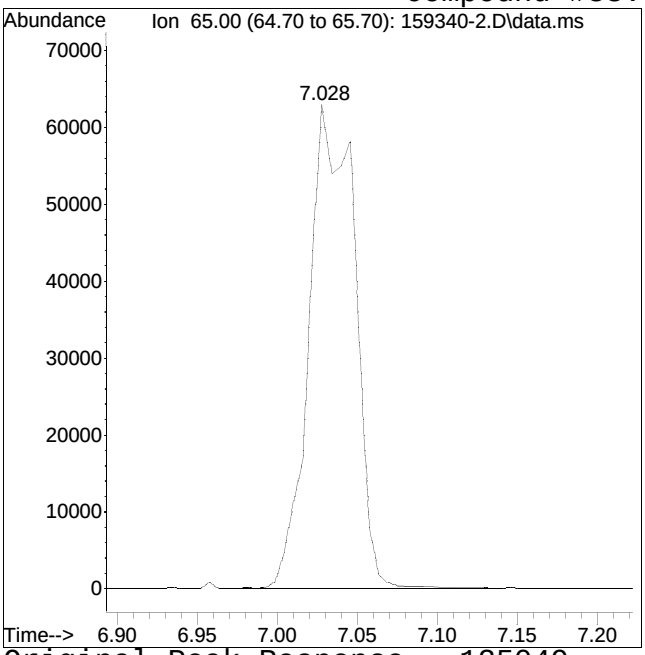


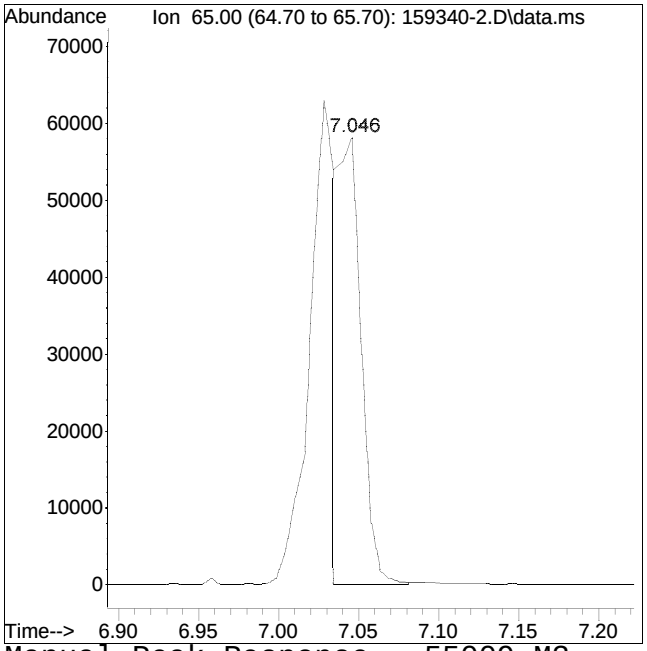
Manual Integration Report

Data Path : I:\8270\GCMS5\251229\
Data File : 159340-2.D
Date Inj'd : 12/29/2025 12:00 pm
Sample : WG2159340-2,32,,smc

QMethod : FS250731GCMS5.m
Operator : GCMS5:cmm
Instrument : GCMS5
Quant Date : 12/29/2025 2:27 pm

Compound #38: 4-Chloroaniline





Original Peak Response = 125049 Manual Peak Response = 55009 M3

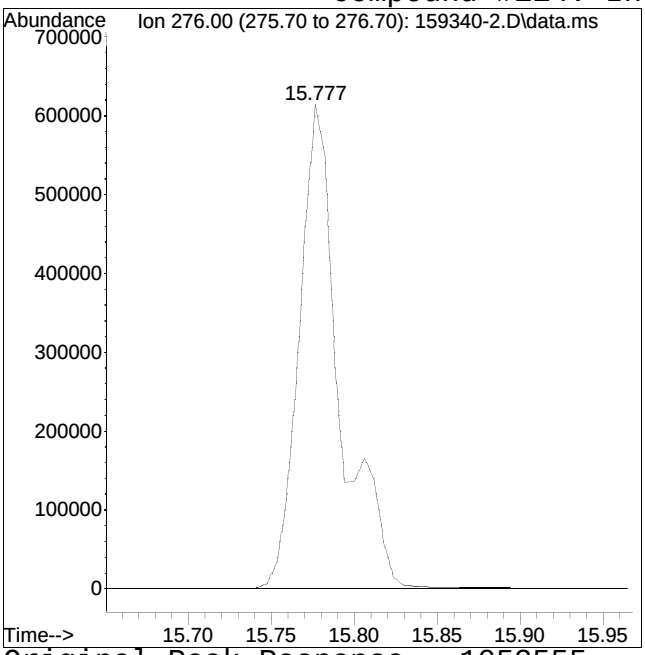
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

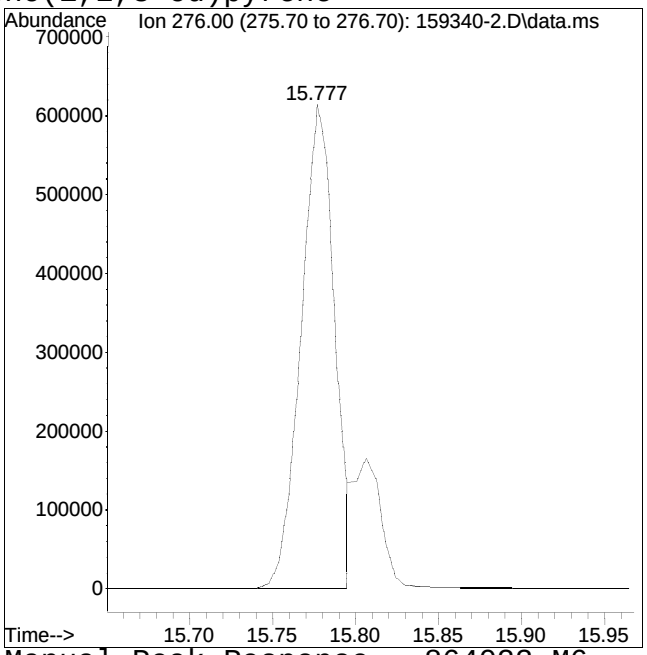
Data Path : I:\8270\GCMS5\251229\
Data File : 159340-2.D
Date Inj'd : 12/29/2025 12:00 pm
Sample : WG2159340-2,32,,smc

QMethod : FS250731GCMS5.m
Operator : GCMS5:cmm
Instrument : GCMS5
Quant Date : 12/29/2025 2:27 pm

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 1052555



Manual Peak Response = 864023 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\251227\
Data File : 158852-3.D
Acq On : 27 Dec 2025 11:02 am
Operator : Juliet:smz
Sample : WG2158852-3,32,,gmr
Misc : WG2159109,WG2158852,ical22379
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 29 08:39:18 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:55:19 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\251227\ABN1227.D
: 2 - I:\8270\Juliet\251227\ADP1227.D
: 3 - I:\8270\Juliet\251227\AP91227.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.340	152	79189	40.000	ug/ml		0.00
Standard Area 1 = 91175			Recovery = 86.85%				
27) IS2_1,4-Dichlorobenzen...	3.340	152	79189	40.000	ug/ml		0.00
Standard Area 3 = 85671			Recovery = 92.43%				
32) IS3_1,4-Dichlorobenzen...	3.340	152	79189	40.000	ug/ml		0.00
Standard Area 2 = 71110			Recovery = 111.36%				
35) IS1_Naphthalene-d8	4.428	136	314309	40.000	ug/ml		0.00
Standard Area 1 = 376049			Recovery = 83.58%				
55) IS2_Naphthalene-d8	4.428	136	314309	40.000	ug/ml		0.00
Standard Area 3 = 348231			Recovery = 90.26%				
63) IS1_Acenaphthene-d10	5.939	164	216427	40.000	ug/ml		0.00
Standard Area 1 = 243935			Recovery = 88.72%				
83) IS2_Acenaphthene-d10	5.939	164	215989	40.000	ug/ml		0.00
Standard Area 3 = 251415			Recovery = 85.91%				
86) IS3_Acenaphthene-d10	5.939	164	216427	40.000	ug/ml		0.00
Standard Area 2 = 198256			Recovery = 109.17%				
88) IS1_Phenanthrene-d10	7.204	188	496411	40.000	ug/ml		0.00
Standard Area 1 = 544648			Recovery = 91.14%				
100) IS3_Phenanthrene-d10	7.204	188	496411	40.000	ug/ml	#	0.00
Standard Area 2 = 465410			Recovery = 106.66%				
104) IS1_Chrysene-d12	9.598	240	536642	40.000	ug/ml		0.00
Standard Area 1 = 609694			Recovery = 88.02%				
113) IS1_Perylene-d12	11.492	264	620705	40.000	ug/ml		0.00
Standard Area 1 = 666562			Recovery = 93.12%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.252	112	72929	37.382	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 74.76%				
7) Phenol-d6	3.081	99	95056	37.969	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 75.94%				
19) Nitrobenzene-d5	3.822	82	41892	19.168	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 76.67%				
46) 2-Fluorobiphenyl	5.381	172	130843	15.067	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 60.27%				
79) 2,4,6-Tribromophenol	6.616	330	44843	32.671	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 65.34%				

Data Path : I:\8270\Juliet\251227\
Data File : 158852-3.D
Acq On : 27 Dec 2025 11:02 am
Operator : Juliet:smz
Sample : WG2158852-3,32,,gmr
Misc : WG2159109,WG2158852,ical22379
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 29 08:39:18 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:55:19 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\251227\ABN1227.D
: 2 - I:\8270\Juliet\251227\ADP1227.D
: 3 - I:\8270\Juliet\251227\AP91227.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	8.604	244	224888	14.945	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 59.78%

Target Compounds						Qvalue
6) 2-Chlorophenol	3.163	128	70855	28.313	ug/ml	99
8) Phenol	3.093	94	77035	27.582	ug/ml#	67
9) Bis(2-chloroethyl)ether	3.140	93	50522	28.009	ug/ml	95
14) Bis(2-chloroisopropyl)...	3.610	45	87989	33.401	ug/ml	95
15) 2-Methylphenol	3.610	108	61304	29.441	ug/ml	96
16) Hexachloroethane	3.763	117	27471	28.058	ug/ml#	68
17) n-Nitrosodi-n-propylamine	3.716	70	45375	29.493	ug/ml	98
18) 3-Methylphenol/4-Methy...	3.751	108	72256	32.578	ug/ml	95
20) Nitrobenzene	3.840	77	62829	29.135	ug/ml	97
21) Isophorone	4.051	82	127103	29.906	ug/ml	99
22) 2-Nitrophenol	4.116	139	40542	32.807	ug/ml	98
23) 2,4-Dimethylphenol	4.198	107	73172	29.464	ug/ml	98
24) Bis(2-chloroethoxy)met...	4.269	93	79087	30.043	ug/ml#	96
25) 2,4-Dichlorophenol	4.334	162	80640	28.597	ug/ml#	95
28) Benzaldehyde	2.963	105	49014	28.729	ug/ml	94
29) Acetophenone	3.698	105	95156	30.411	ug/ml	97
36) Naphthalene	4.445	128	216044	25.858	ug/ml	98
38) 4-Chloroaniline	4.516	65	21478M3	25.335	ug/ml	
39) Hexachlorobutadiene	4.581	225	48564	20.723	ug/ml	99
40) p-Chloro-m-cresol	4.981	107	66036	28.551	ug/ml	93
41) 2-Methylnaphthalene	5.051	142	142153	25.148	ug/ml	97
43) Hexachlorocyclopentadiene	5.198	237	33253	13.107	ug/ml	98
44) 2,4,6-Trichlorophenol	5.316	196	65431	24.342	ug/ml	99
45) 2,4,5-Trichlorophenol	5.351	196	75229	25.784	ug/ml	99
47) 2-Chloronaphthalene	5.463	162	179668	25.897	ug/ml	95
48) 2-Nitroaniline	5.575	138	58776	33.499	ug/ml	95
51) Dimethyl phthalate	5.757	163	219654	25.468	ug/ml	99
52) Acenaphthylene	5.810	152	291918	25.464	ug/ml	100
53) 2,6-Dinitrotoluene	5.792	165	47930	30.453	ug/ml#	76
60) Caprolactam	4.804	55	36517	40.495	ug/ml	92
61) 1,2,4,5-Tetrachloroben...	5.204	216	99112	22.310	ug/ml	96
62) Biphenyl	5.463	154	220332	26.900	ug/ml	99
64) 3-Nitroaniline	5.928	138	41732	25.546	ug/ml#	97

Data Path : I:\8270\Juliet\251227\
Data File : 158852-3.D
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Operator : Juliet:smz
Sample : WG2158852-3,32,,gmr
Misc : WG2159109,WG2158852,ical22379
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 29 08:39:18 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:55:19 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\251227\ABN1227.D
: 2 - I:\8270\Juliet\251227\ADP1227.D
: 3 - I:\8270\Juliet\251227\AP91227.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
65) Acenaphthene	5.963	154	157073	24.627 ug/ml	96
66) 2,4-Dinitrophenol	6.034	184	28233	35.236 ug/ml#	86
67) Dibenzofuran	6.116	168	266055	24.743 ug/ml	85
68) 2,4-Dinitrotoluene	6.145	165	65341	30.708 ug/ml#	67
69) 4-Nitrophenol	6.128	65	36509	35.647 ug/ml	97
71) 2,3,4,6-Tetrachlorophenol	6.245	232	66510	25.376 ug/ml	99
72) Diethyl phthalate	6.369	149	216856	27.374 ug/ml	99
73) Fluorene	6.410	166	221883	26.103 ug/ml	99
74) 4-Chlorophenyl phenyl ...	6.428	204	107998	23.390 ug/ml#	87
75) 4-Nitroaniline	6.451	138	49119	28.646 ug/ml	96
76) 4,6-Dinitro-o-cresol	6.498	198	45507	37.743 ug/ml#	85
77) NDPA/DPA	6.539	169	189425	25.813 ug/ml	96
80) 4-Bromophenyl phenyl e...	6.845	248	69675	23.913 ug/ml#	93
81) Hexachlorobenzene	6.886	284	80179	24.806 ug/ml	97
82) Pentachlorophenol	7.069	266	48872	25.489 ug/ml	98
87) Atrazine	7.028	200	73985	29.524 ug/ml	97
89) Phenanthrene	7.222	178	353301	24.737 ug/ml	98
90) Anthracene	7.263	178	371721	25.624 ug/ml	98
91) Carbazole	7.422	167	350251	25.656 ug/ml	98
92) Di-n-butylphthalate	7.781	149	406359	28.400 ug/ml	97
93) Fluoranthene	8.239	202	475387	24.534 ug/ml#	93
95) Pyrene	8.428	202	500215	24.676 ug/ml	96
97) Butyl benzyl phthalate	9.080	149	198847	30.655 ug/ml	92
105) Benzo(a)anthracene	9.586	228	516427	25.059 ug/ml	99
106) 3,3'-Dichlorobenzidine	9.598	252	153123	20.175 ug/ml	97
107) Chrysene	9.627	228	480002	26.116 ug/ml	99
108) Bis(2-ethylhexyl)phtha...	9.763	149	304489	34.335 ug/ml	99
109) Di-n-octylphthalate	10.627	149	562789	36.358 ug/ml	98
110) Benzo(b)fluoranthene	10.957	252	540170	27.057 ug/ml	98
111) Benzo(k)fluoranthene	10.992	252	515944	26.641 ug/ml#	93
112) Benzo(a)pyrene	11.404	252	511273	27.305 ug/ml	96
114) Indeno(1,2,3-cd)pyrene	13.063	276	521097	26.179 ug/mL	96
115) Dibenzo(a,h)anthracene	13.116	278	500928	26.470 ug/ml	97
116) Benzo(ghi)perylene	13.439	276	491407	25.557 ug/ml	96

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

Data Path : I:\8270\Juliet\251227\
Data File : 158852-3.D
Acq On : 27 Dec 2025 11:02 am
Operator : Juliet:smz
Sample : WG2158852-3,32,,gmr
Misc : WG2159109,WG2158852,ical22379
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 29 08:39:18 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:55:19 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Juliet\251227\ABN1227.D
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: 3 - I:\8270\Juliet\251227\AP91227.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

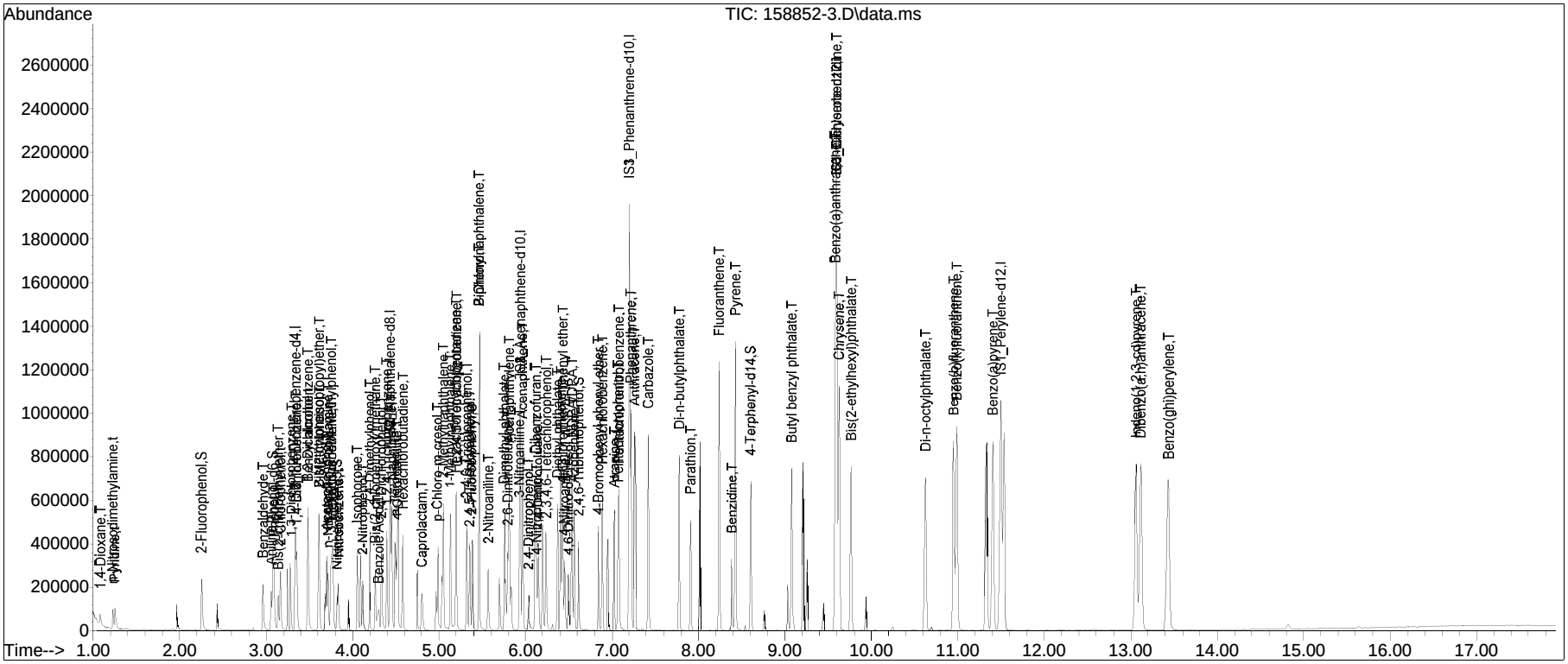
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

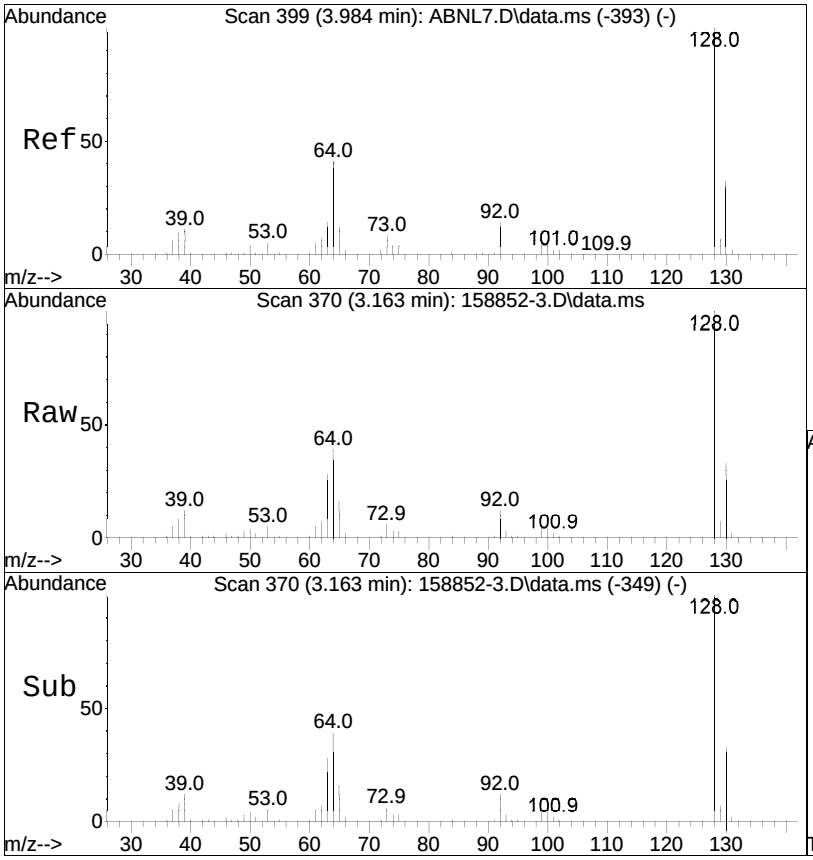
Quantitation Report (QT Reviewed)

Data Path : I:\8270\Juliet\251227\
Data File : 158852-3.D
Acq On : 27 Dec 2025 11:02 am
Operator : Juliet:smz
Sample : WG2158852-3,32,,gmr
Misc : WG2159109,WG2158852,ical22379
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 29 08:39:18 2025
Quant Method : I:\8270\Juliet\251227\FS250614Juliet.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Dec 27 08:55:19 2025
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MA7\AP91227.D•

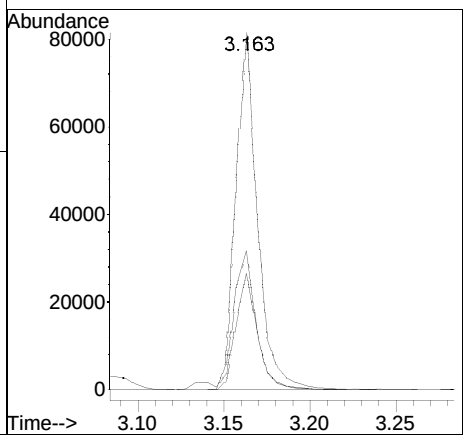


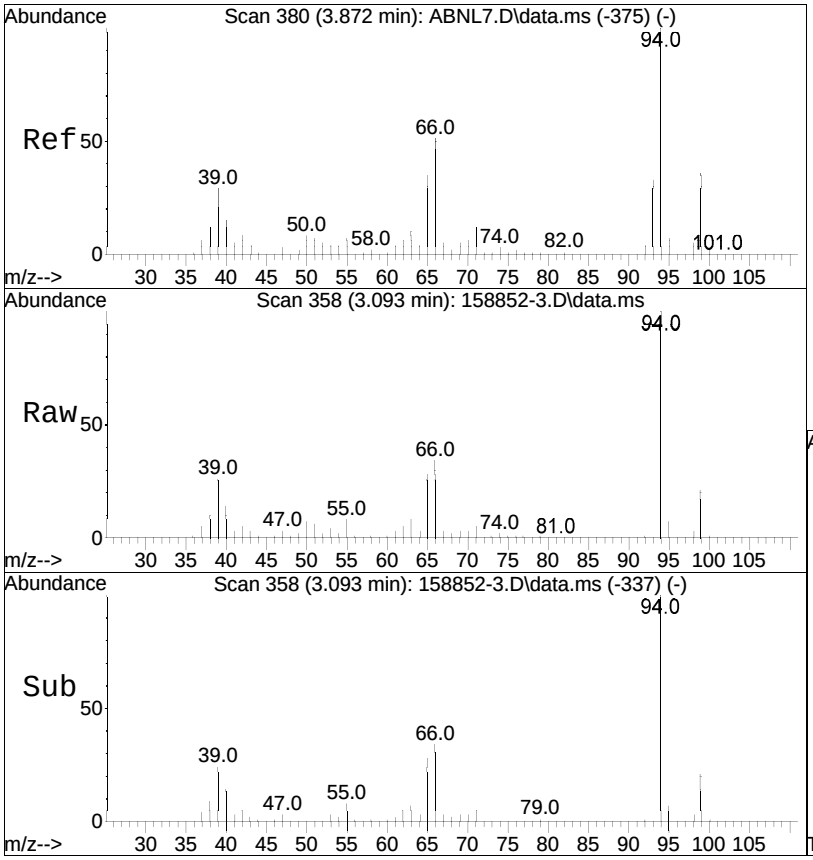


#6
2-Chlorophenol
Concen: 28.31 ug/ml
RT: 3.163 min Scan# 370
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:128 Resp: 70855

Ion	Ratio	Lower	Upper
128	100		
64	42.4	33.4	50.0
130	32.6	26.2	39.2

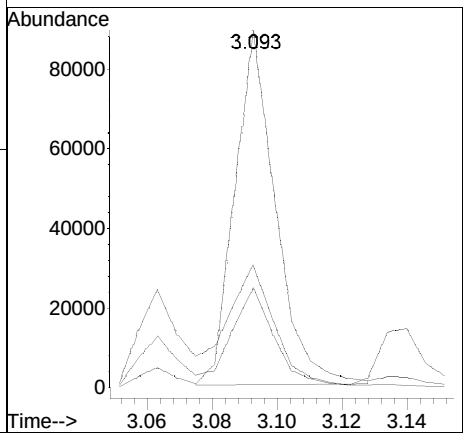


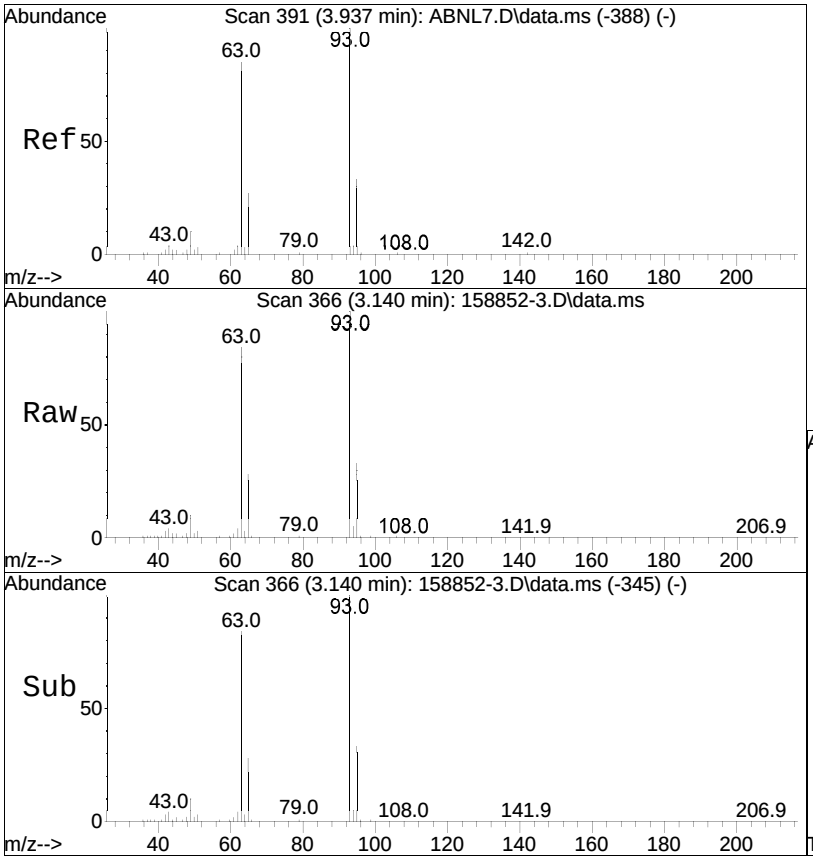


#8
Phenol
Concen: 27.58 ug/ml
RT: 3.093 min Scan# 358
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion: 94 Resp: 77035

Ion	Ratio	Lower	Upper
94	100		
65	30.2	19.4	29.0#
66	42.1	60.4	90.6#

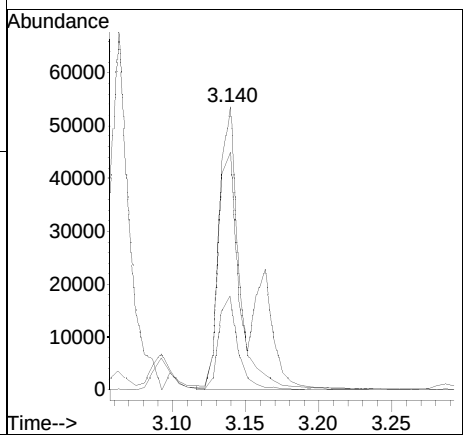


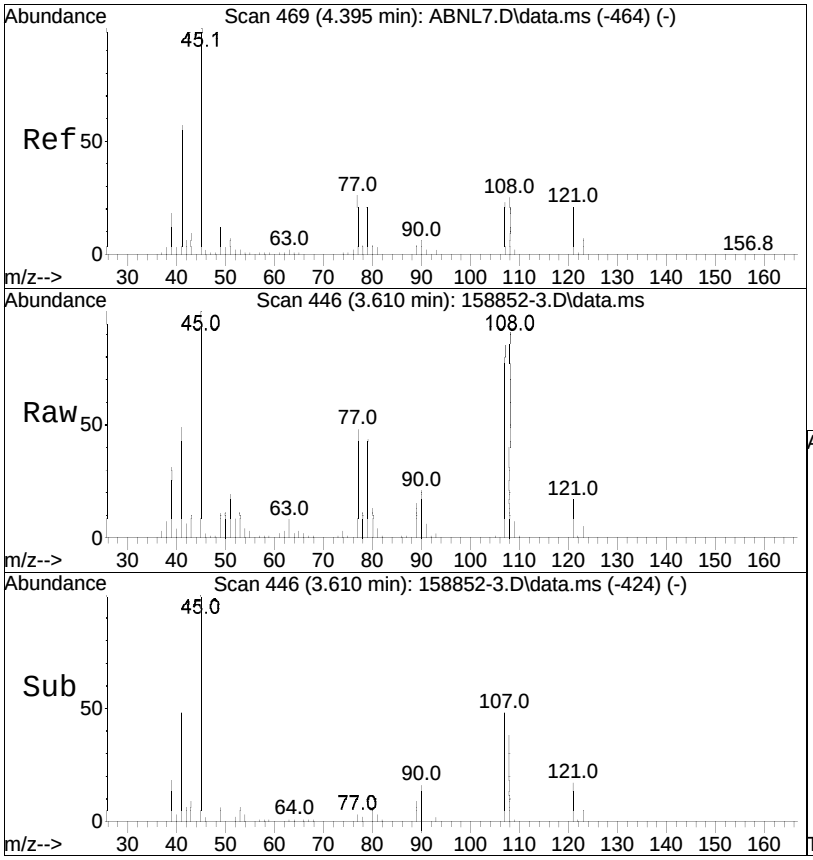


#9
Bis(2-chloroethyl)ether
Concen: 28.01 ug/ml
RT: 3.140 min Scan# 366
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion: 93 Resp: 50522

Ion	Ratio	Lower	Upper
93	100		
63	81.7	70.4	105.6
95	32.2	26.6	39.8

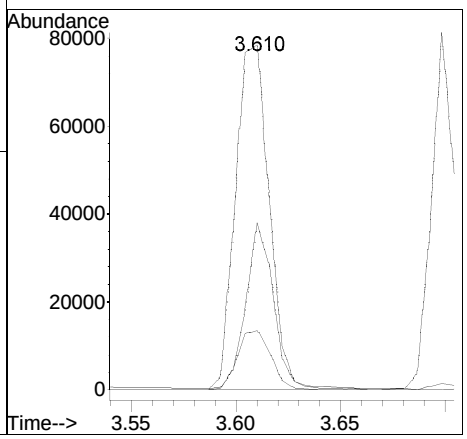


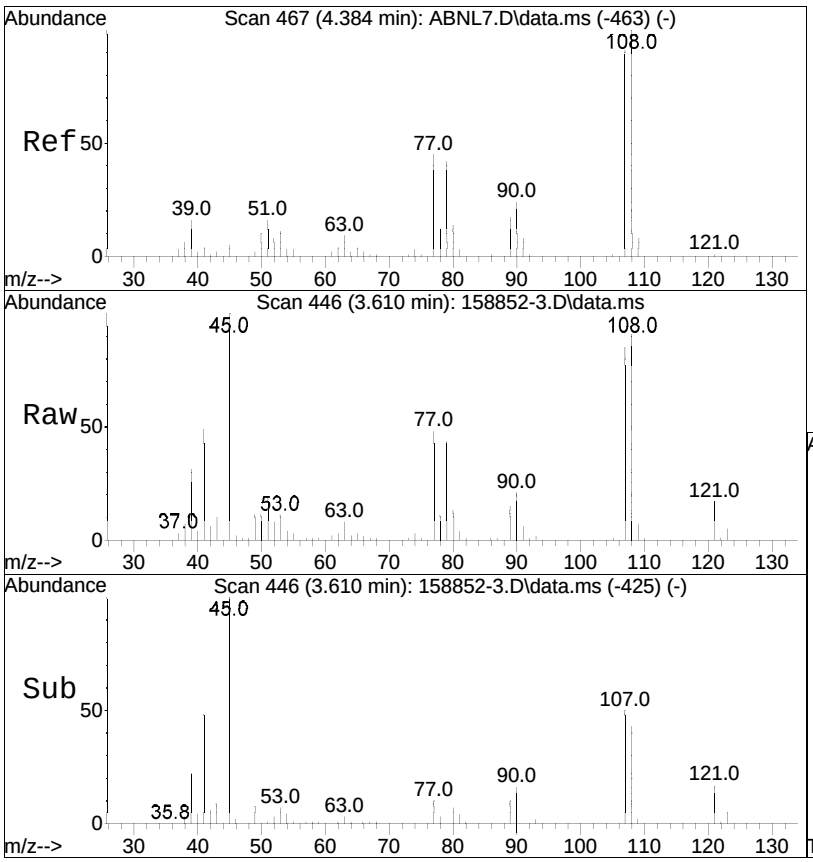


#14
Bis(2-chloroisopropyl)ether
Concen: 33.40 ug/ml
RT: 3.610 min Scan# 446
Delta R.T. 0.006 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion: 45 Resp: 87989

Ion	Ratio	Lower	Upper
45	100		
121	17.0	13.7	20.5
77	39.4	28.2	42.2

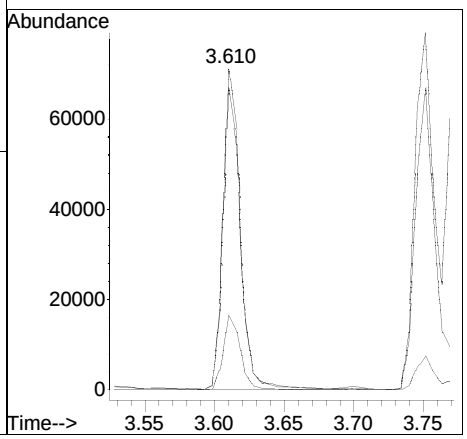


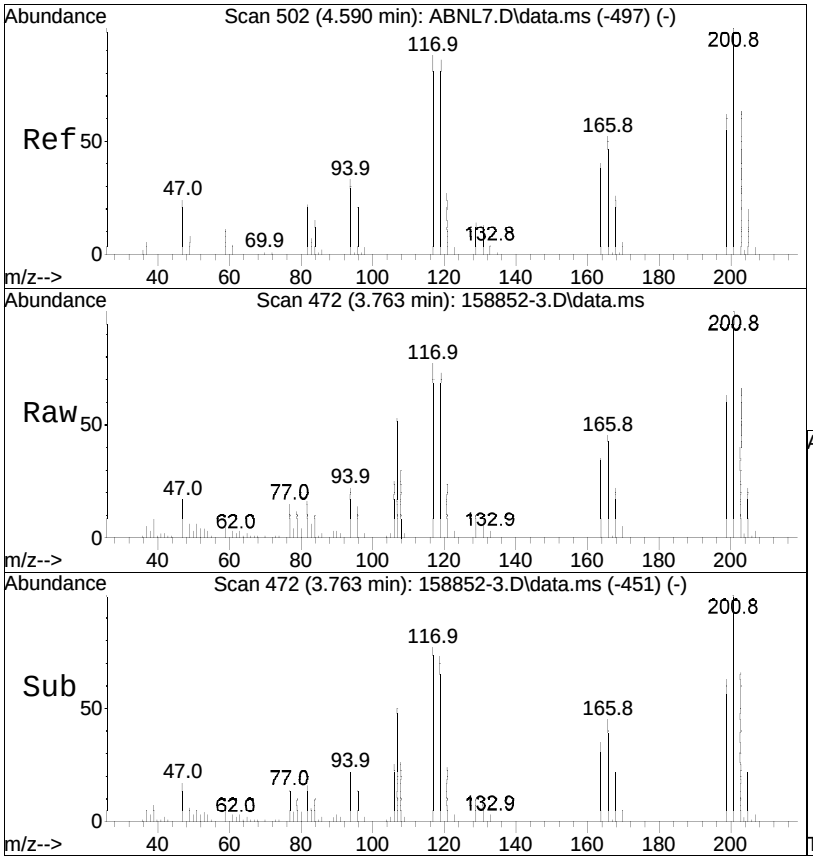


#15
2-Methylphenol
Concen: 29.44 ug/ml
RT: 3.610 min Scan# 446
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:108 Resp: 61304

Ion	Ratio	Lower	Upper
108	100		
107	96.0	72.6	108.8
90	23.2	18.6	27.8

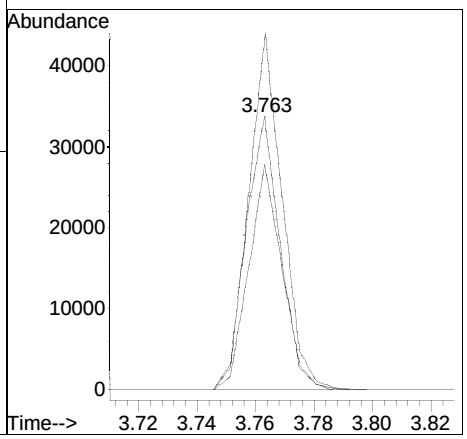


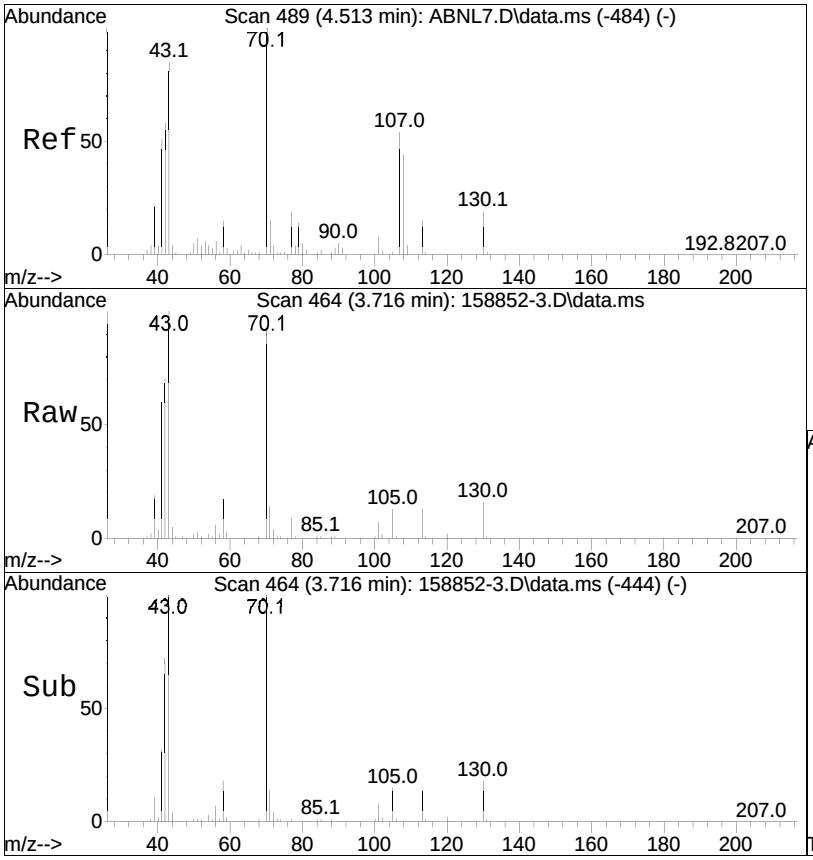


#16
Hexachloroethane
Concen: 28.06 ug/ml
RT: 3.763 min Scan# 472
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:117 Resp: 27471

Ion	Ratio	Lower	Upper
117	100		
201	127.7	75.4	113.0#
199	80.3	48.0	72.0#

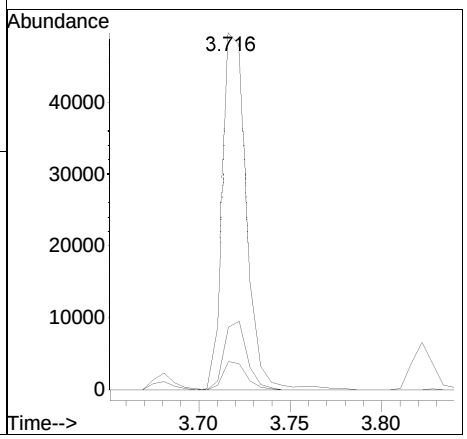


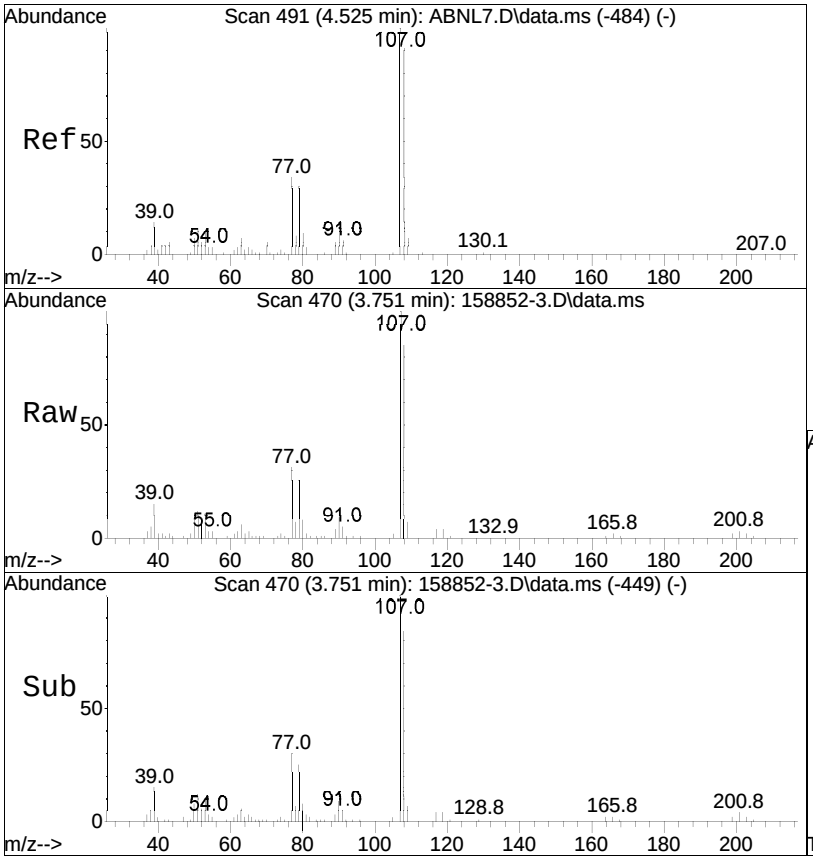


#17
n-Nitrosodi-n-propylamine
Concen: 29.49 ug/ml
RT: 3.716 min Scan# 464
Delta R.T. -0.006 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion: 70 Resp: 45375

Ion	Ratio	Lower	Upper
70	100		
130	18.4	15.7	23.5
101	7.8	6.7	10.1

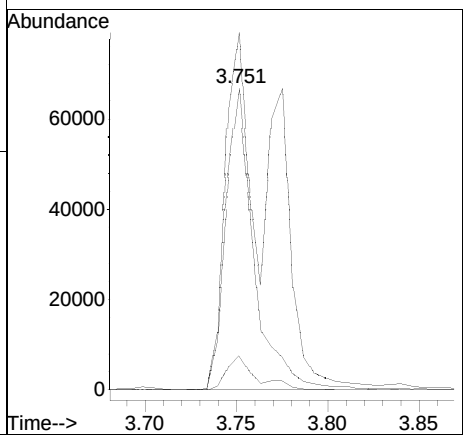


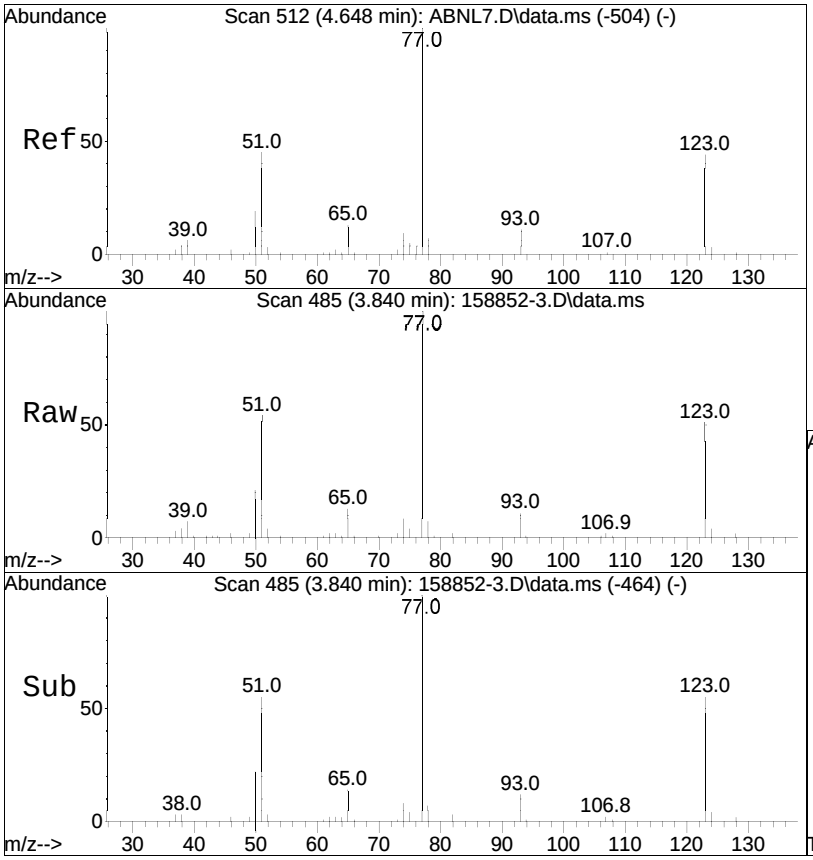


#18
3-Methylphenol/4-Methylphenol
Concen: 32.58 ug/ml
RT: 3.751 min Scan# 470
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:108 Resp: 72256

Ion	Ratio	Lower	Upper
108	100		
107	107.2	90.7	136.1
90	11.9	8.6	13.0

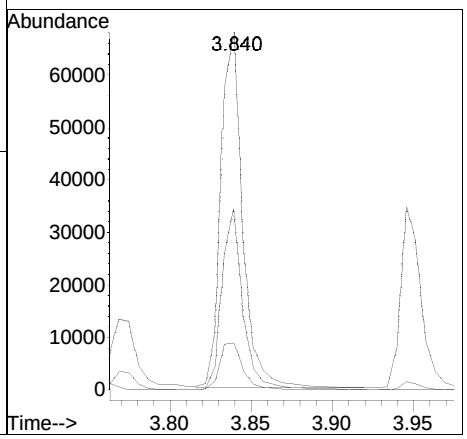


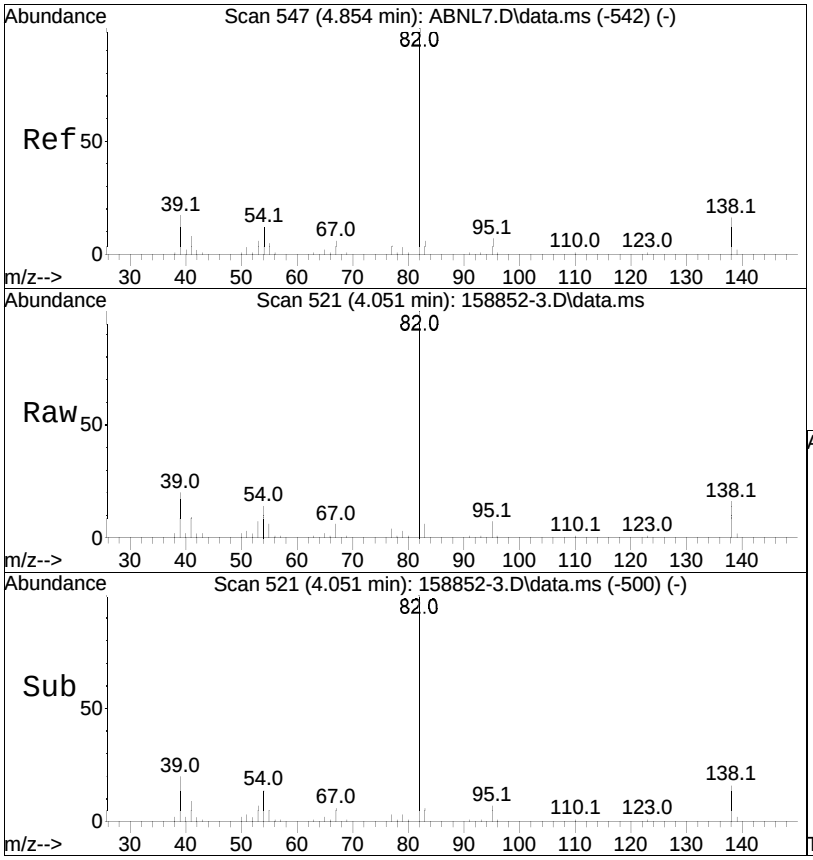


#20
Nitrobenzene
Concen: 29.14 ug/ml
RT: 3.840 min Scan# 485
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion: 77 Resp: 62829

Ion	Ratio	Lower	Upper
77	100		
123	49.7	41.4	62.0
65	14.3	11.0	16.4

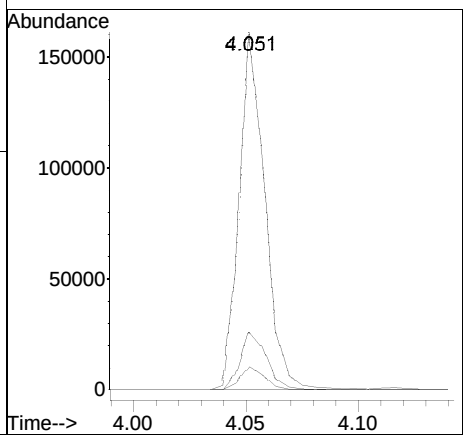


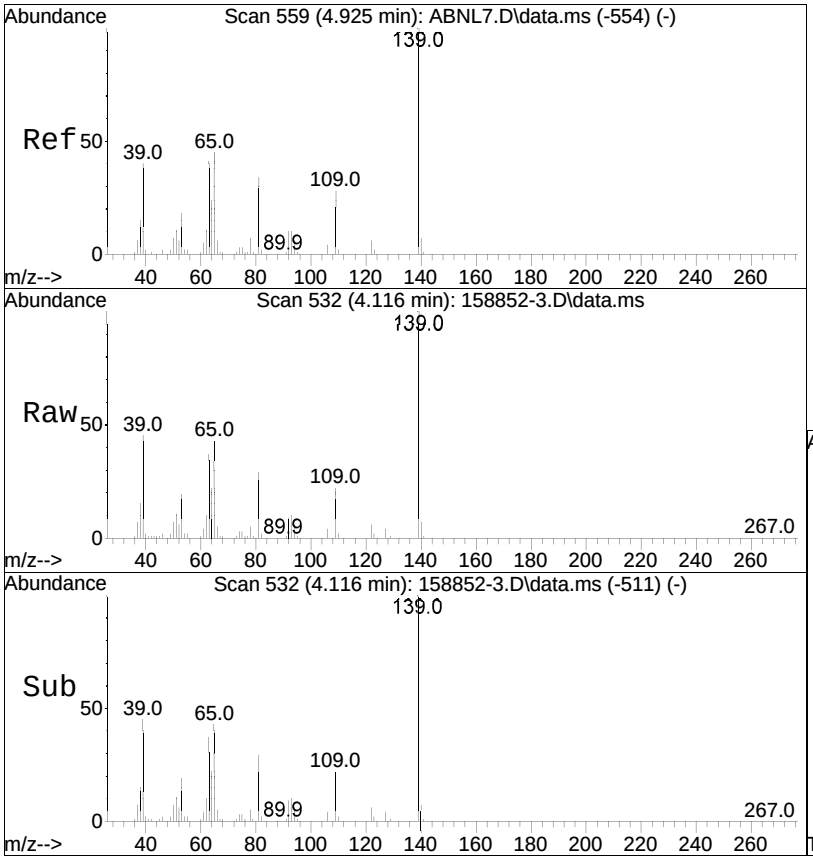


#21
Isophorone
Concen: 29.91 ug/ml
RT: 4.051 min Scan# 521
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion: 82 Resp: 127103

Ion	Ratio	Lower	Upper
82	100		
138	16.8	13.9	20.9
95	6.5	5.3	7.9

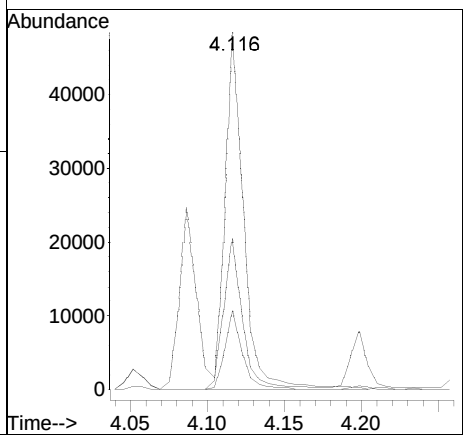


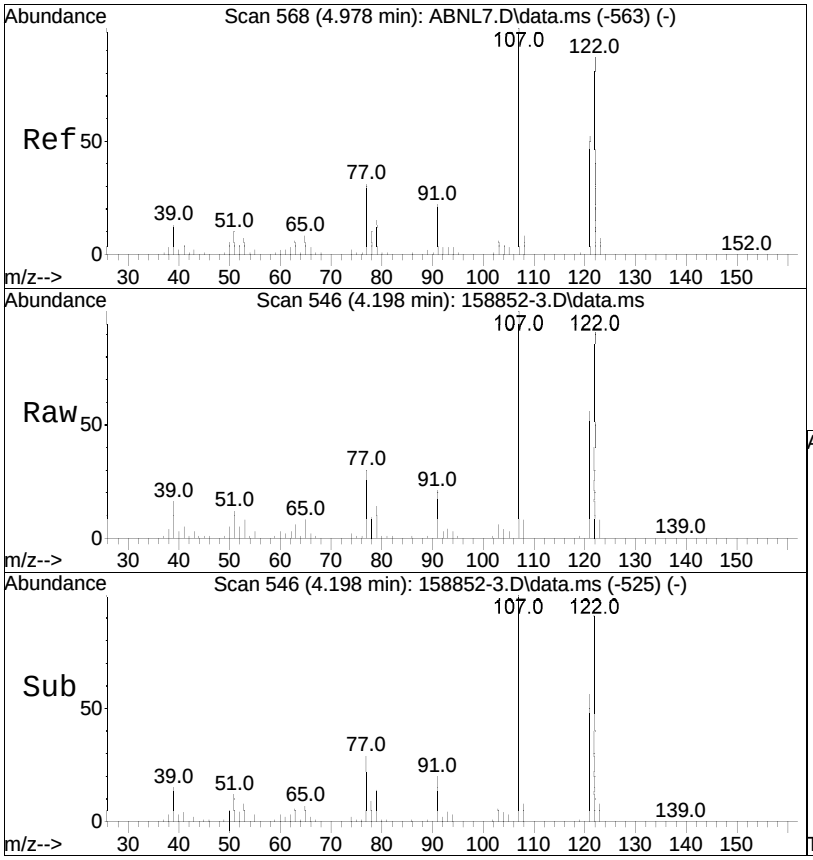


#22
2-Nitrophenol
Concen: 32.81 ug/ml
RT: 4.116 min Scan# 532
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:139 Resp: 40542

Ion	Ratio	Lower	Upper
139	100		
109	20.8	17.5	26.3
65	40.4	33.2	49.8

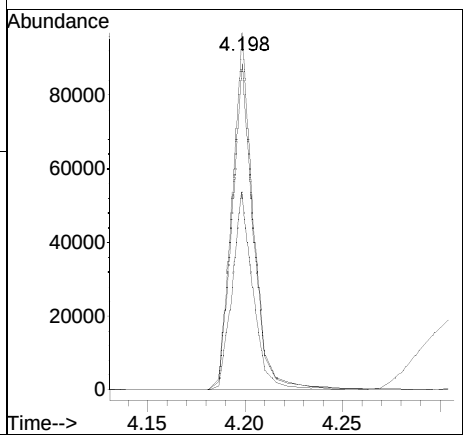


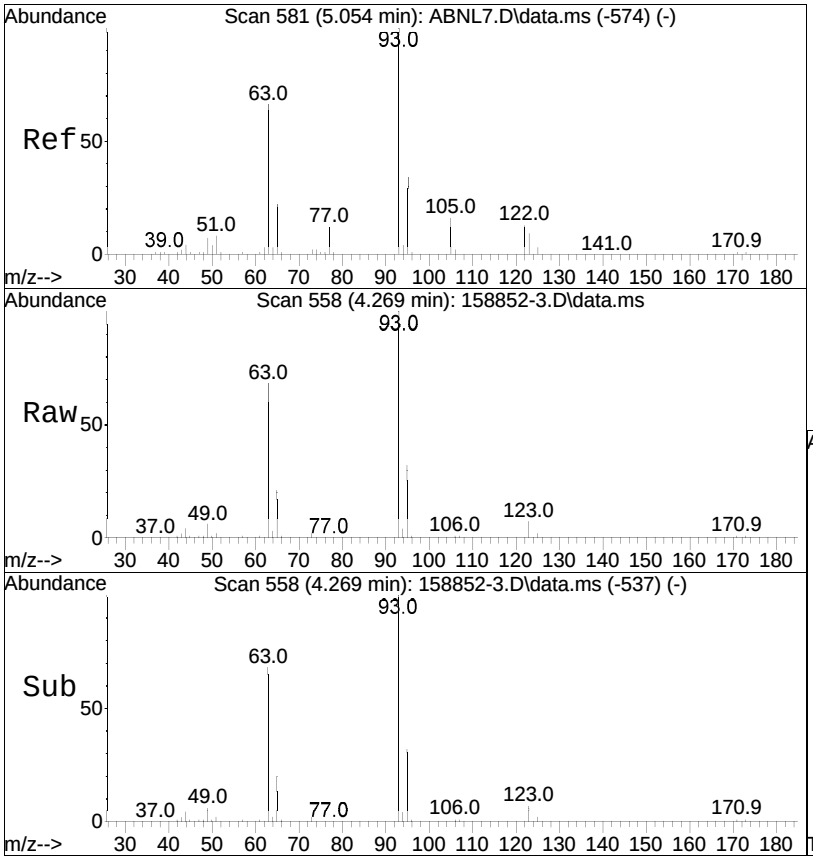


#23
2,4-Dimethylphenol
Concen: 29.46 ug/ml
RT: 4.198 min Scan# 546
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:107 Resp: 73172

Ion	Ratio	Lower	Upper
107	100		
121	56.2	43.4	65.2
122	91.3	73.7	110.5

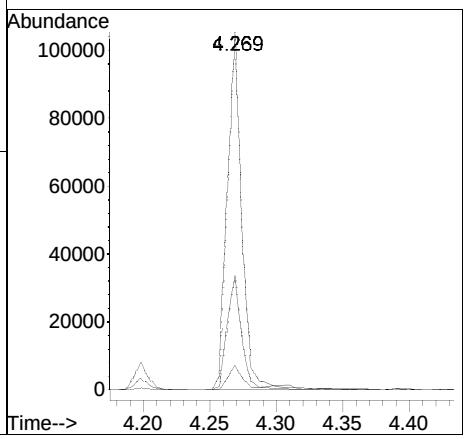


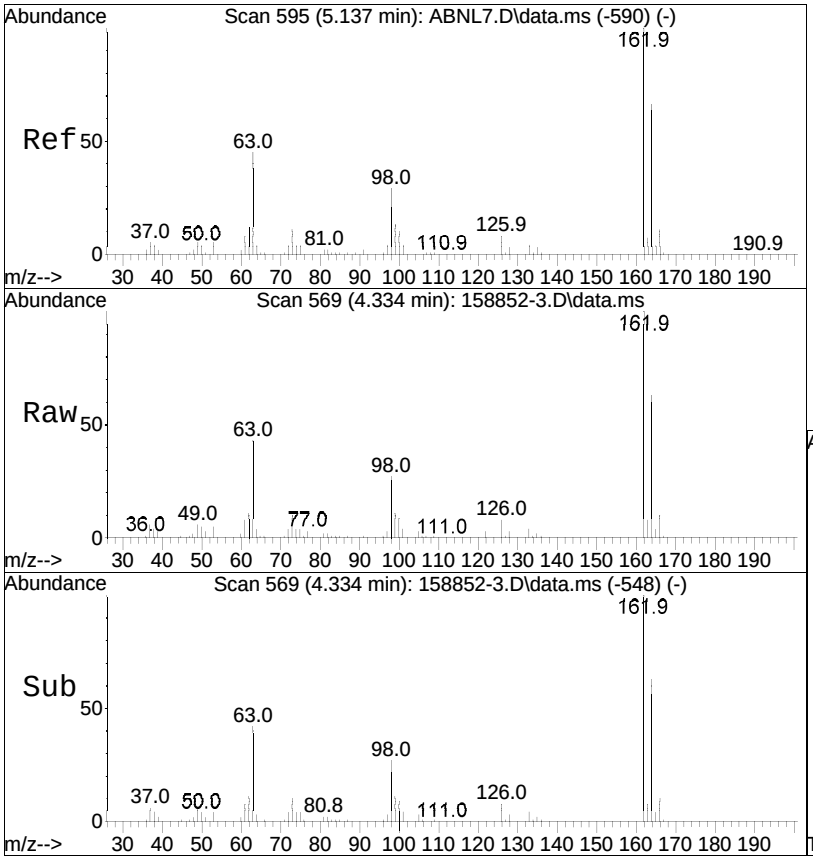


#24
Bis(2-chloroethoxy)methane
Concen: 30.04 ug/ml
RT: 4.269 min Scan# 558
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion: 93 Resp: 79087

Ion	Ratio	Lower	Upper
93	100		
95	31.8	27.2	40.8
123	7.3	7.6	11.4#

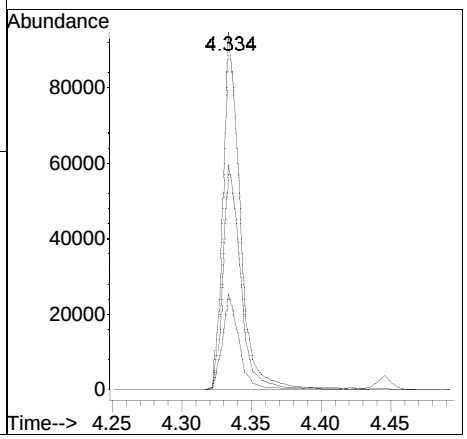


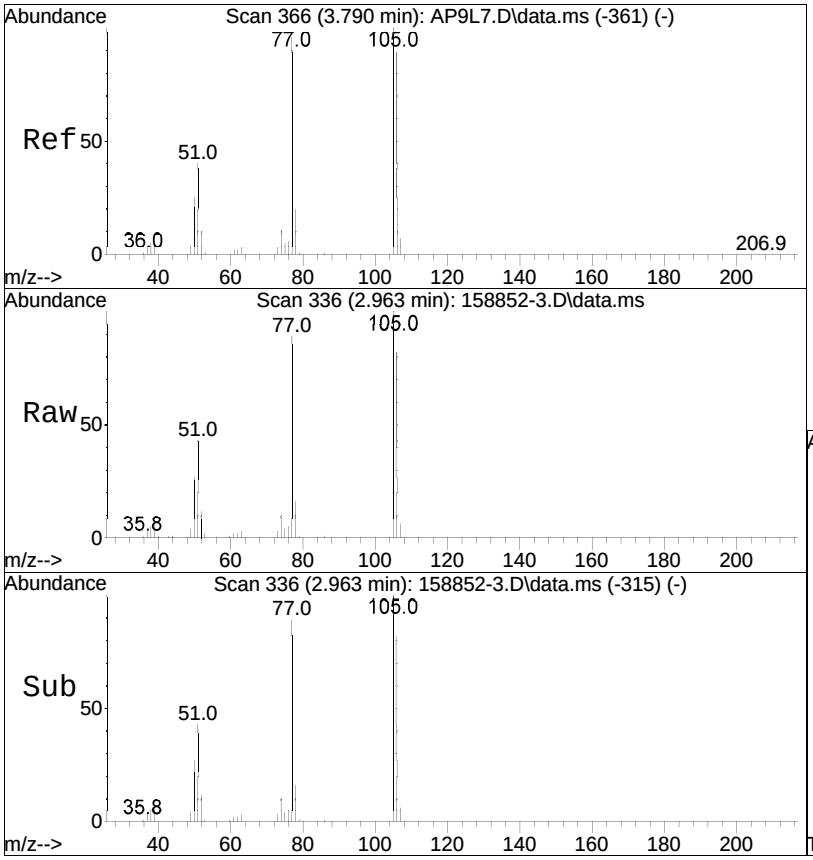


#25
2,4-Dichlorophenol
Concen: 28.60 ug/ml
RT: 4.334 min Scan# 569
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:162 Resp: 80640

Ion	Ratio	Lower	Upper
162	100		
164	64.7	51.5	77.3
98	26.3	27.5	41.3#

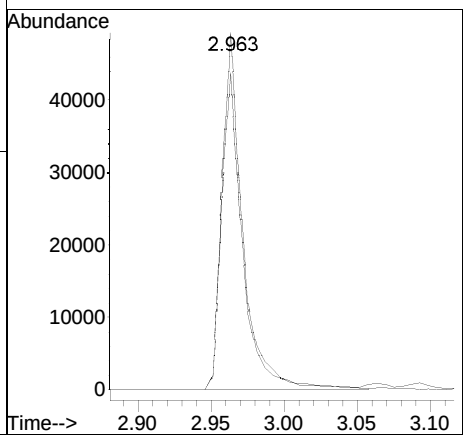


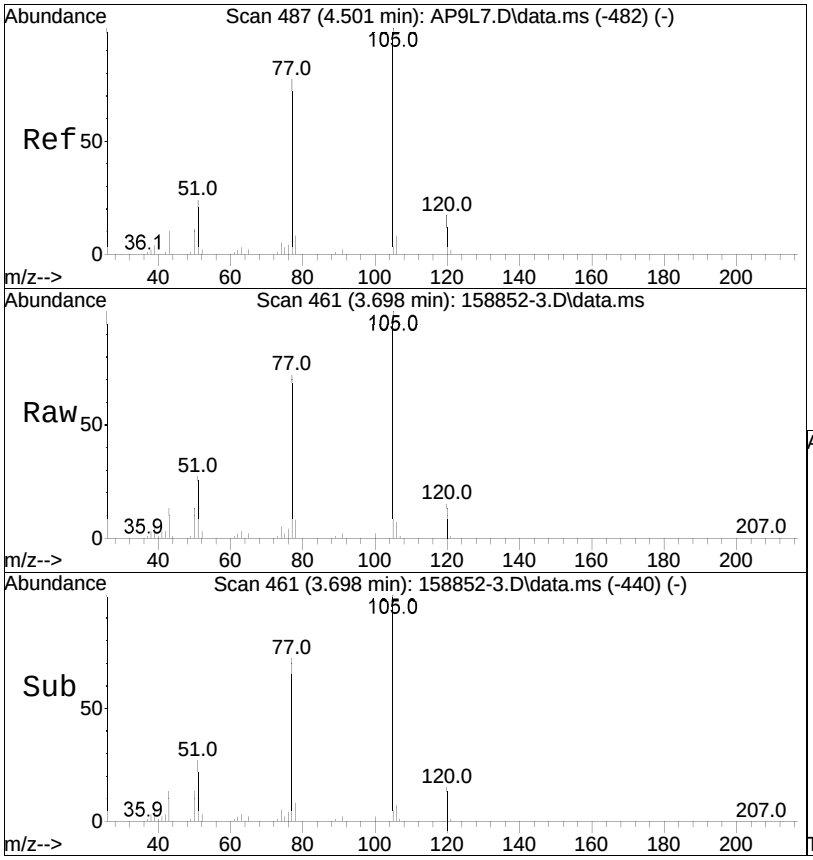


#28
Benzaldehyde
Concen: 28.73 ug/ml
RT: 2.963 min Scan# 336
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:105 Resp: 49014

Ion	Ratio	Lower	Upper
105	100		
77	89.8	76.4	114.6

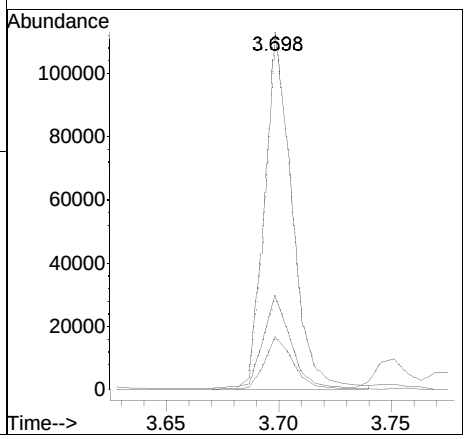


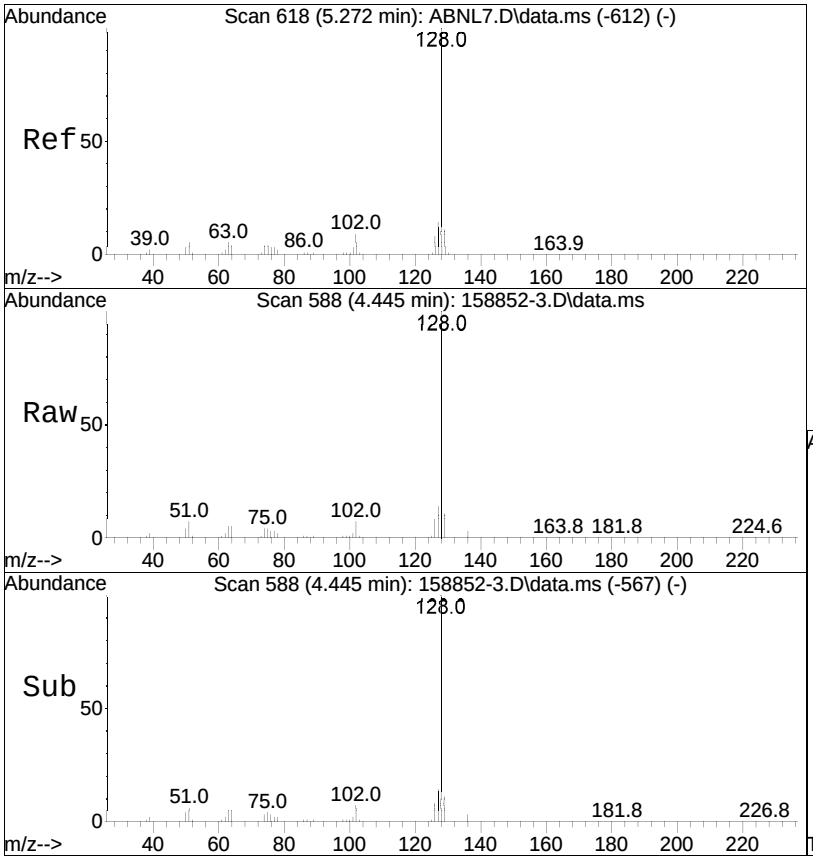


#29
Acetophenone
Concen: 30.41 ug/ml
RT: 3.698 min Scan# 461
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:105 Resp: 95156

Ion	Ratio	Lower	Upper
105	100		
120	15.6	14.5	21.7
51	26.8	22.2	33.4

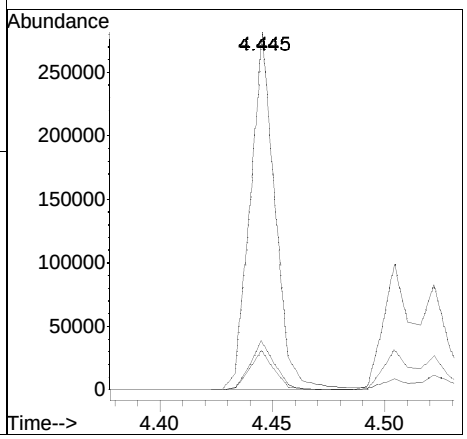


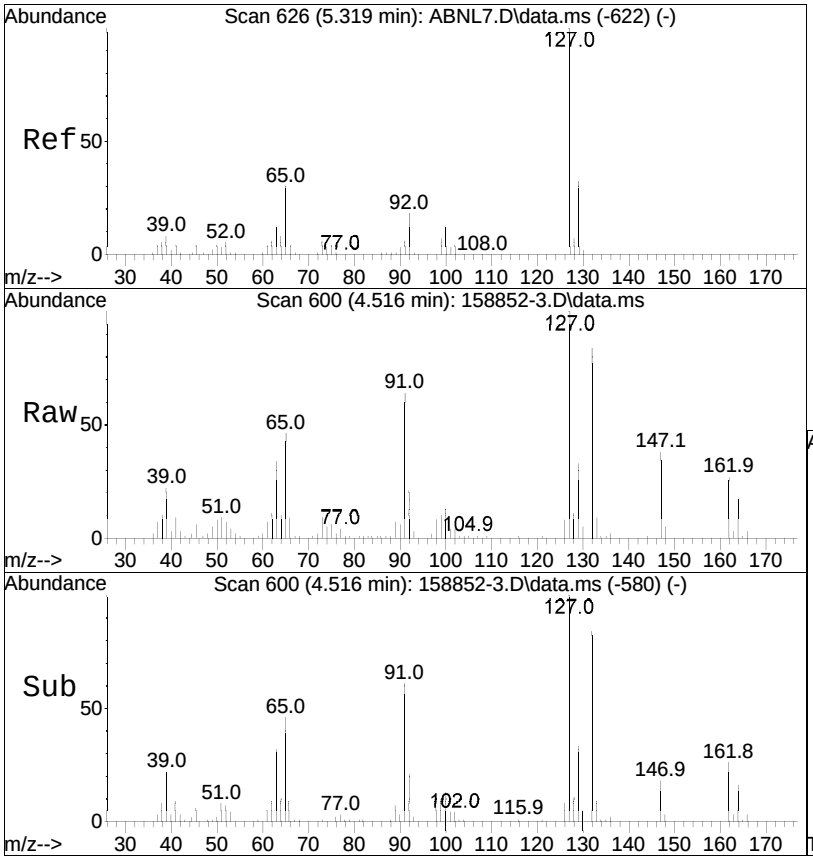


#36
Naphthalene
Concen: 25.86 ug/ml
RT: 4.445 min Scan# 588
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:128 Resp: 216044

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.2
127	13.8	11.6	17.4

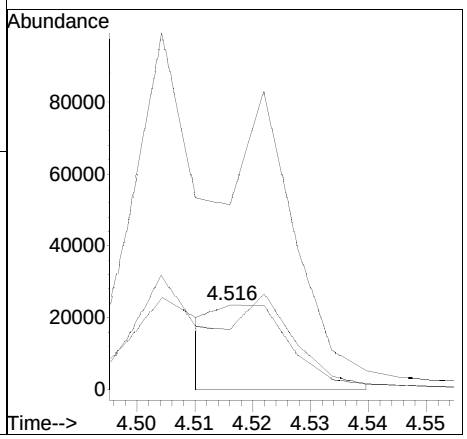


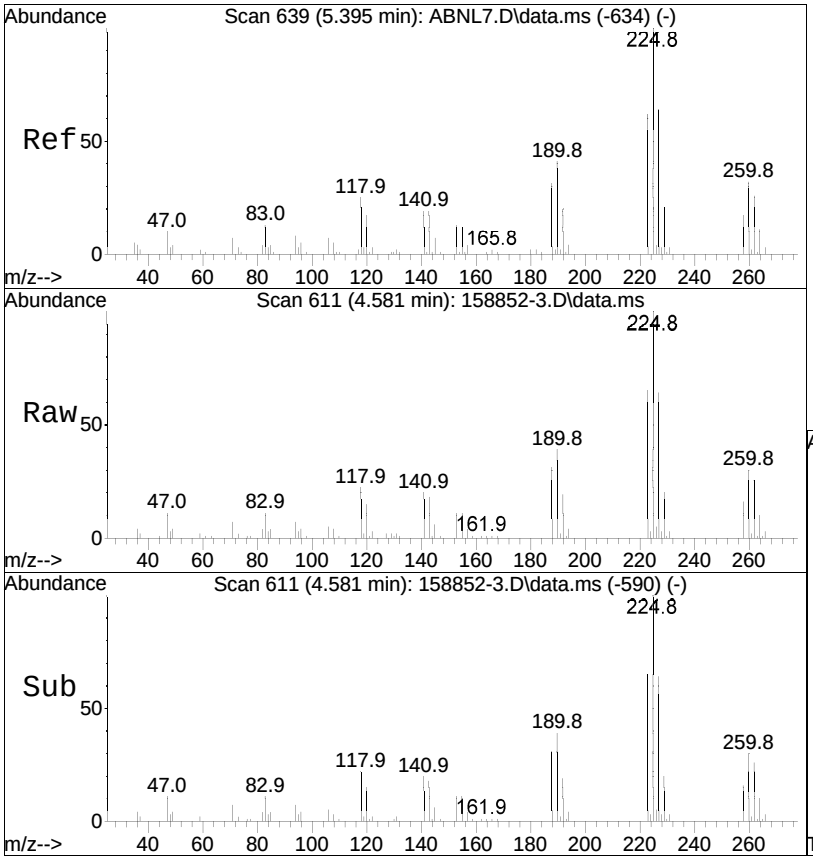


#38
4-Chloroaniline
Concen: 25.34 ug/ml M3
RT: 4.516 min Scan# 600
Delta R.T. -0.006 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion: 65 Resp: 21478

Ion	Ratio	Lower	Upper
65	100		
127	664.2	303.0	454.6#
129	209.6	99.3	148.9#

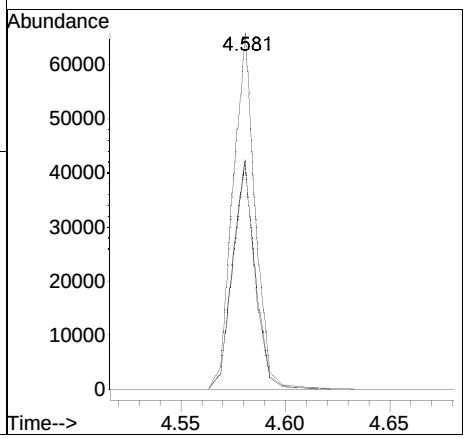


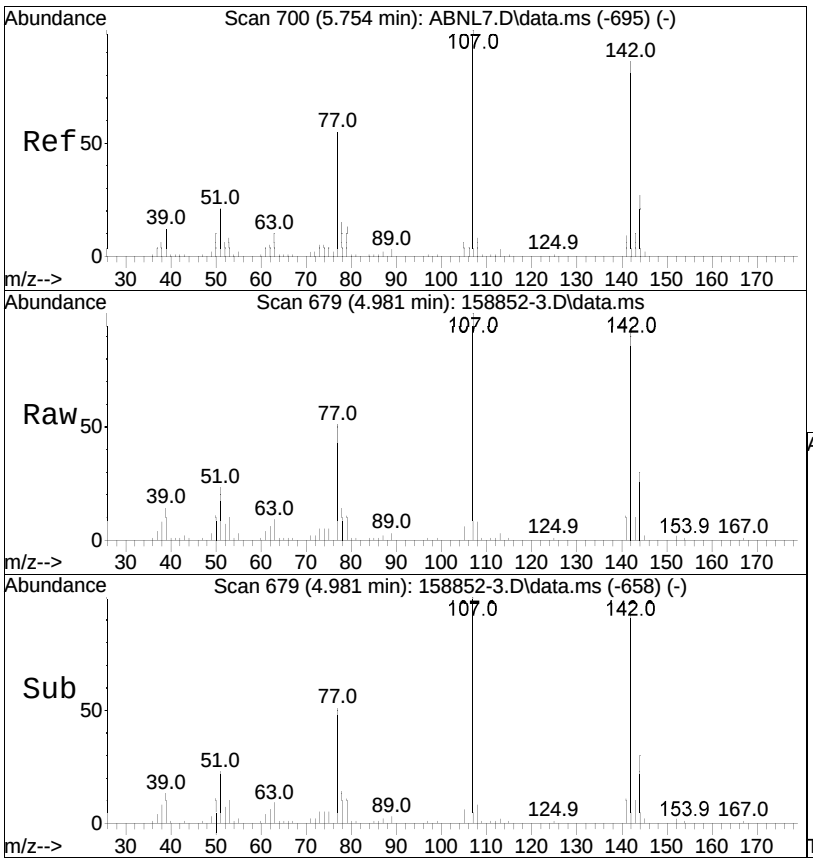


#39
Hexachlorobutadiene
Concen: 20.72 ug/ml
RT: 4.581 min Scan# 611
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:225 Resp: 48564

Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.9	76.3
227	64.5	50.6	75.8

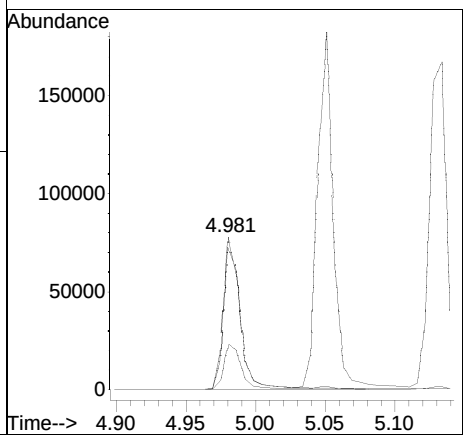


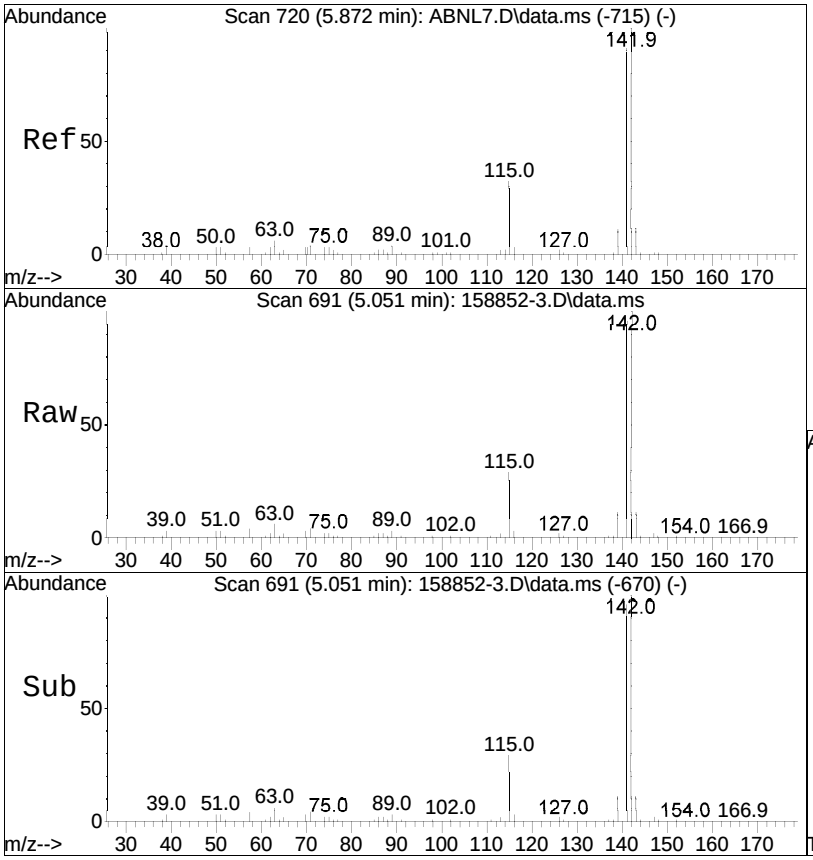


#40
p-Chloro-m-cresol
Concen: 28.55 ug/ml
RT: 4.981 min Scan# 679
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:107 Resp: 66036

Ion	Ratio	Lower	Upper
107	100		
144	30.4	22.6	33.8
142	94.0	69.7	104.5

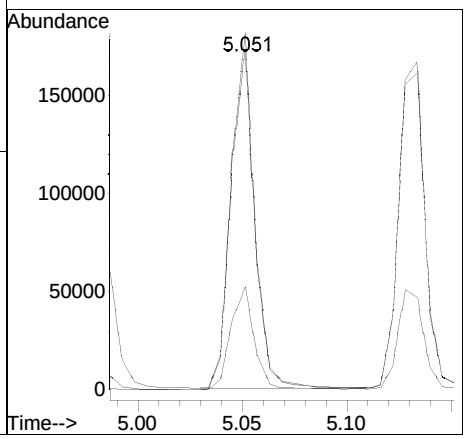


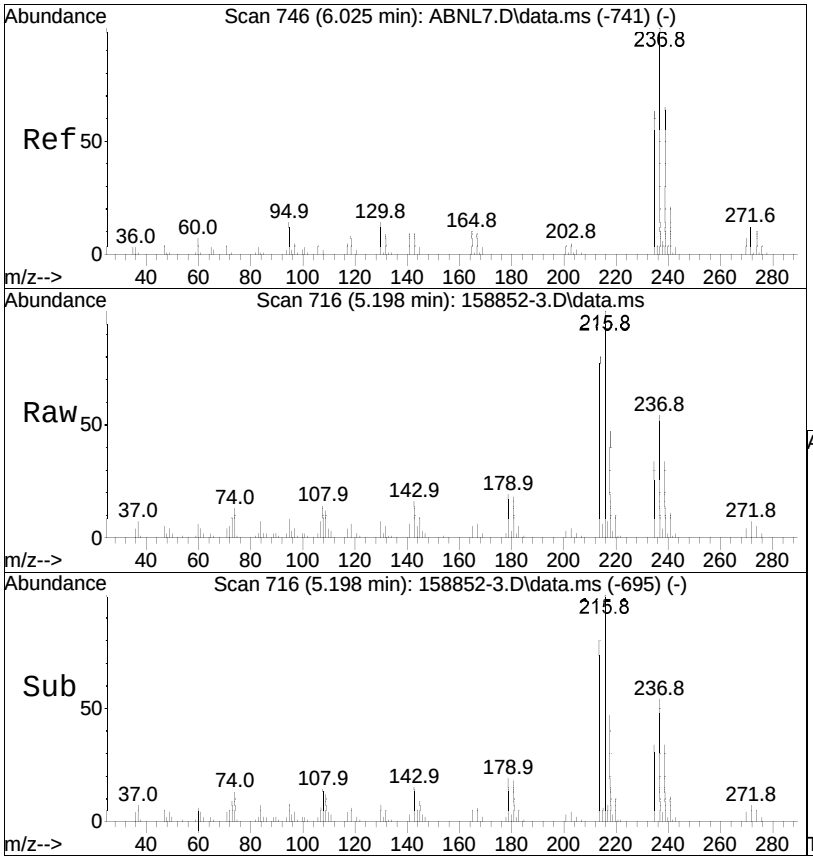


#41
2-Methylnaphthalene
Concen: 25.15 ug/ml
RT: 5.051 min Scan# 691
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:142 Resp: 142153

Ion	Ratio	Lower	Upper
142	100		
141	97.6	75.7	113.5
115	29.7	24.4	36.6

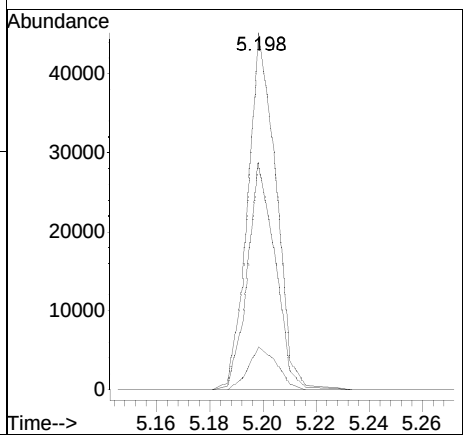


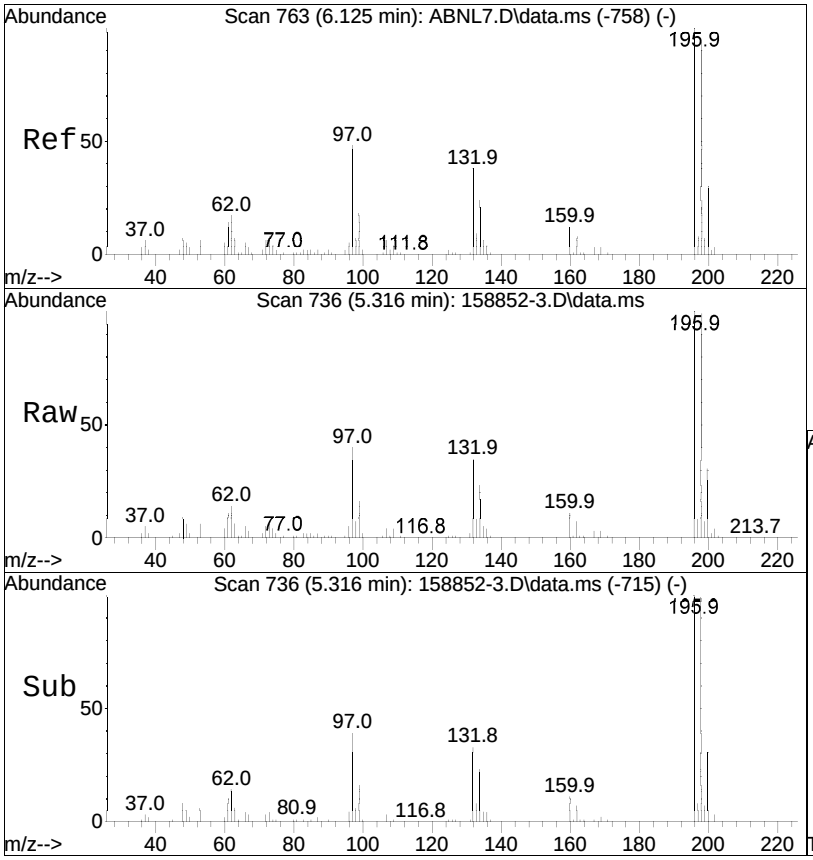


#43
Hexachlorocyclopentadiene
Concen: 13.11 ug/ml
RT: 5.198 min Scan# 716
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:237 Resp: 33253

Ion	Ratio	Lower	Upper
237	100		
235	62.4	50.8	76.2
272	12.2	10.4	15.6

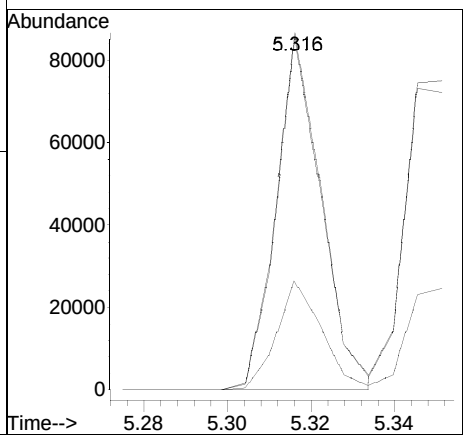


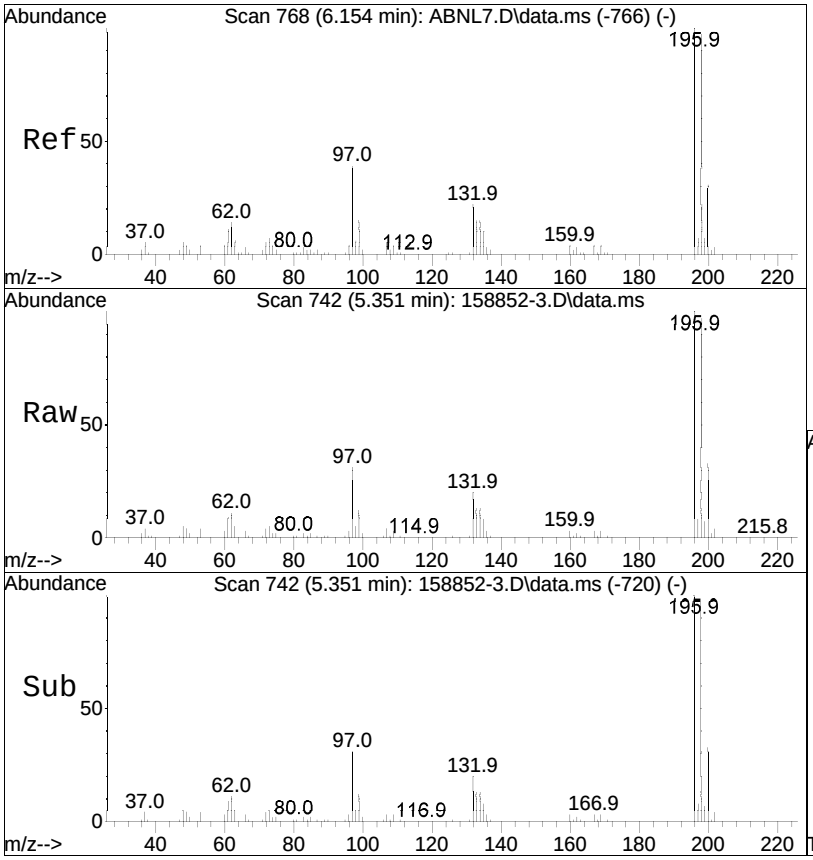


#44
2,4,6-Trichlorophenol
Concen: 24.34 ug/ml
RT: 5.316 min Scan# 736
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:196 Resp: 65431

Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.8	115.2
200	30.5	25.0	37.4

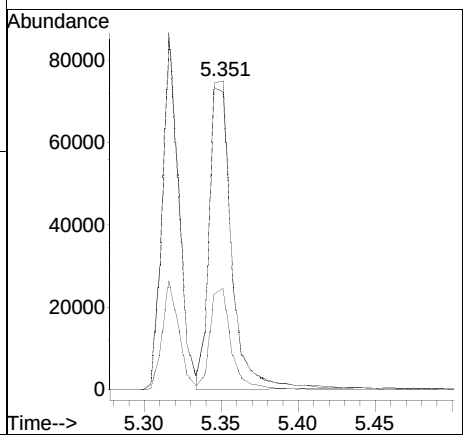


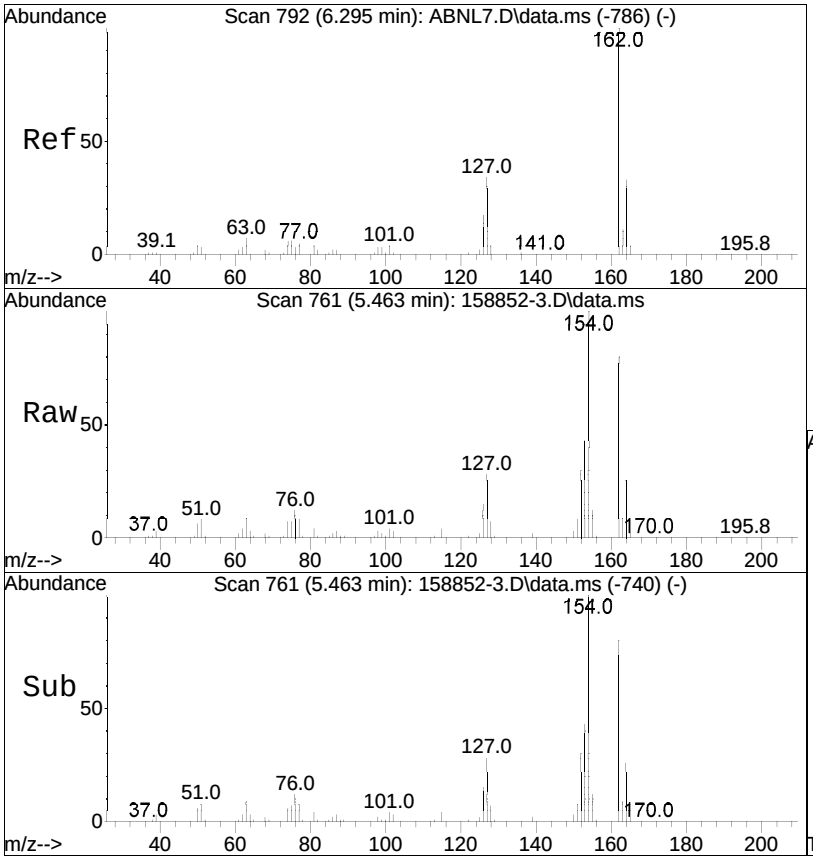


#45
2,4,5-Trichlorophenol
Concen: 25.78 ug/ml
RT: 5.351 min Scan# 742
Delta R.T. 0.006 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:196 Resp: 75229

Ion	Ratio	Lower	Upper
196	100		
200	31.7	25.4	38.0
198	98.2	79.1	118.7

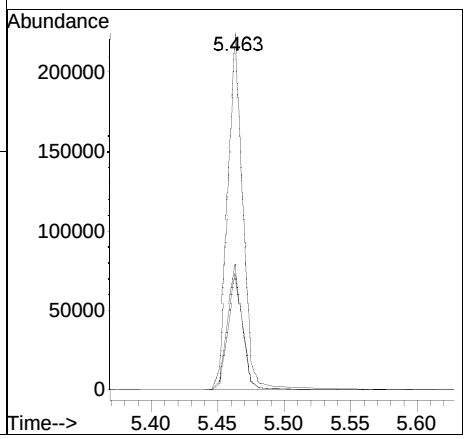


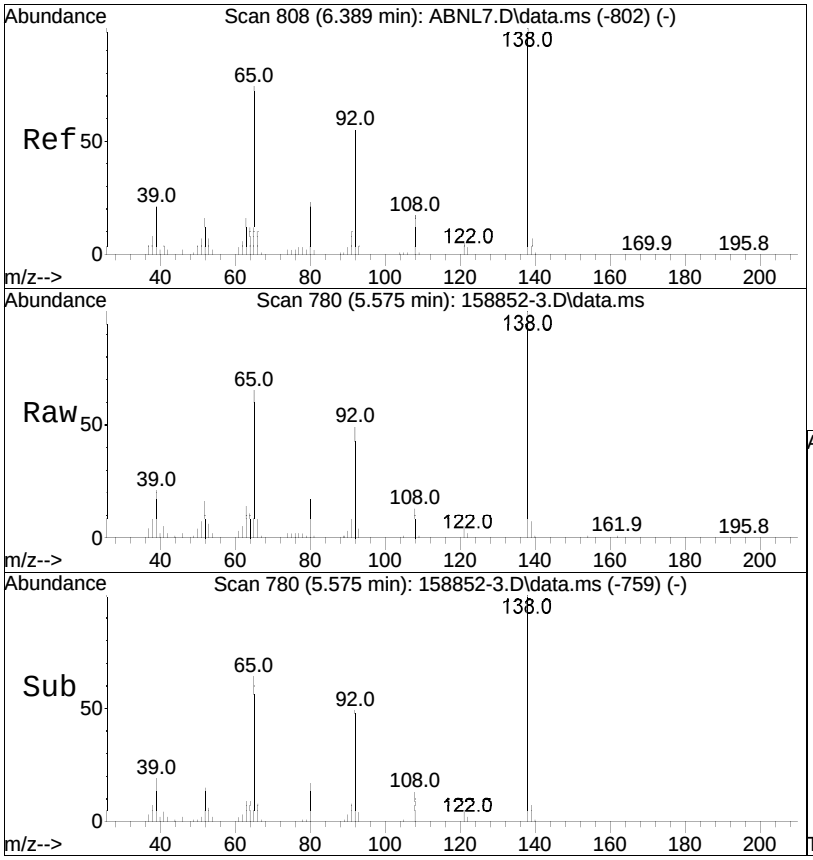


#47
2-Chloronaphthalene
Concen: 25.90 ug/ml
RT: 5.463 min Scan# 761
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:162 Resp: 179668

Ion	Ratio	Lower	Upper
162	100		
127	34.8	31.0	46.6
164	32.2	27.0	40.6

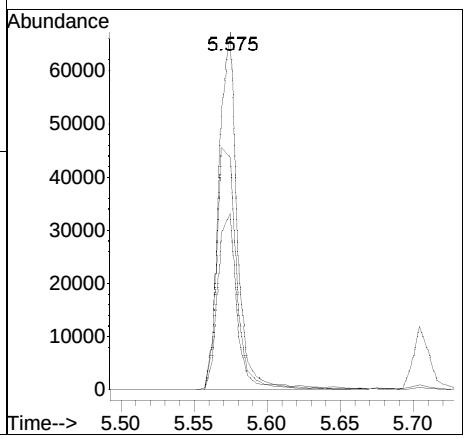


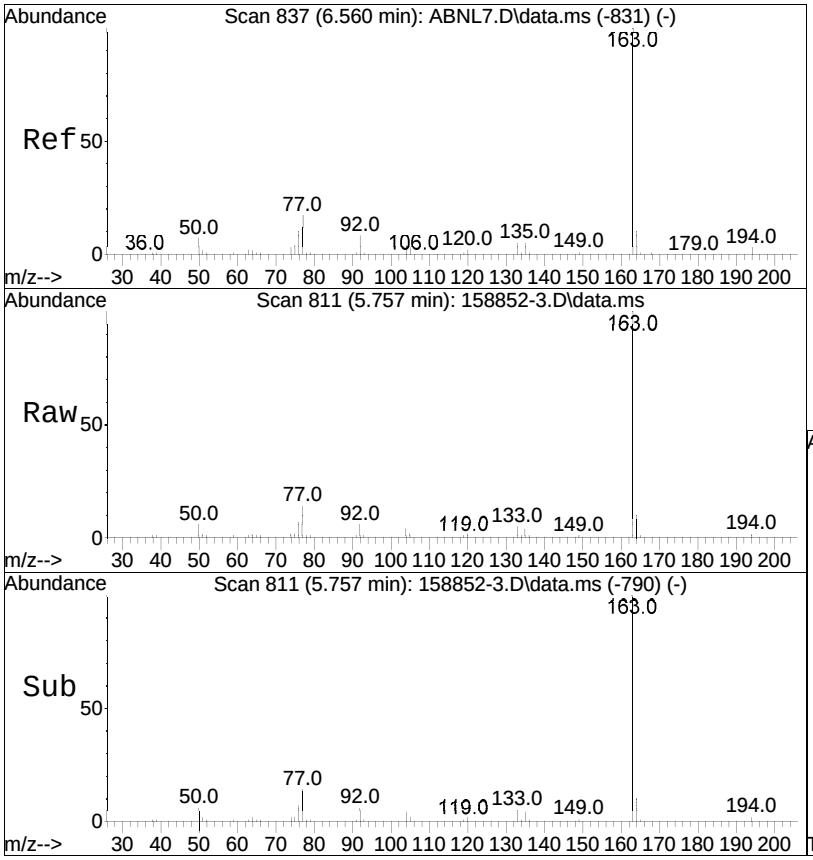


#48
2-Nitroaniline
Concen: 33.50 ug/ml
RT: 5.575 min Scan# 780
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:138 Resp: 58776

Ion	Ratio	Lower	Upper
138	100		
92	51.7	44.7	67.1
65	73.9	62.6	94.0

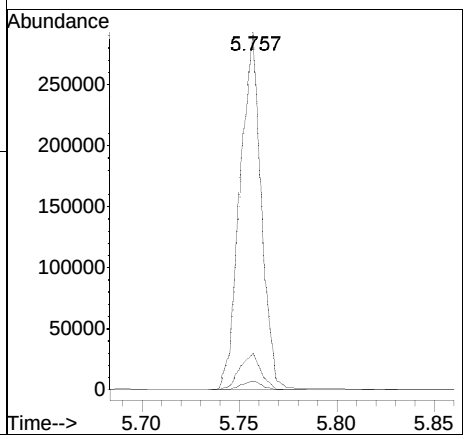


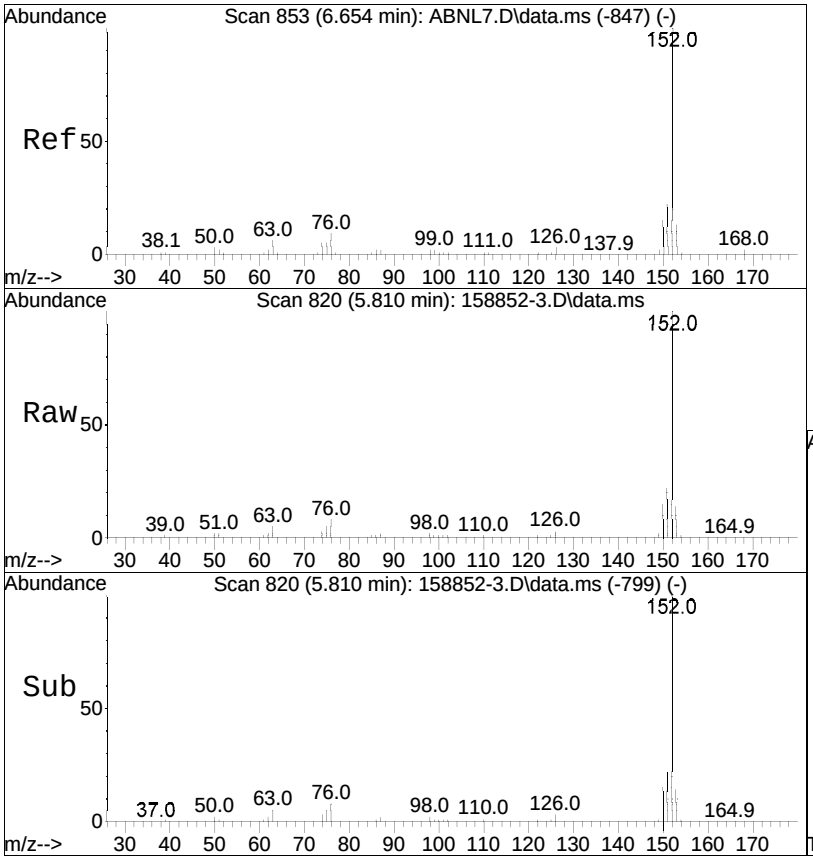


#51
Dimethyl phthalate
Concen: 25.47 ug/ml
RT: 5.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:163 Resp: 219654

Ion	Ratio	Lower	Upper
163	100		
194	2.4	2.0	3.0
164	10.3	8.6	12.8

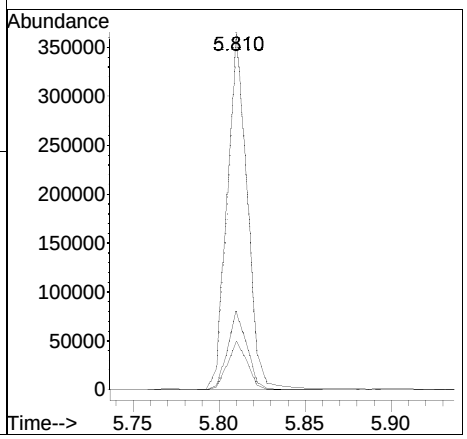


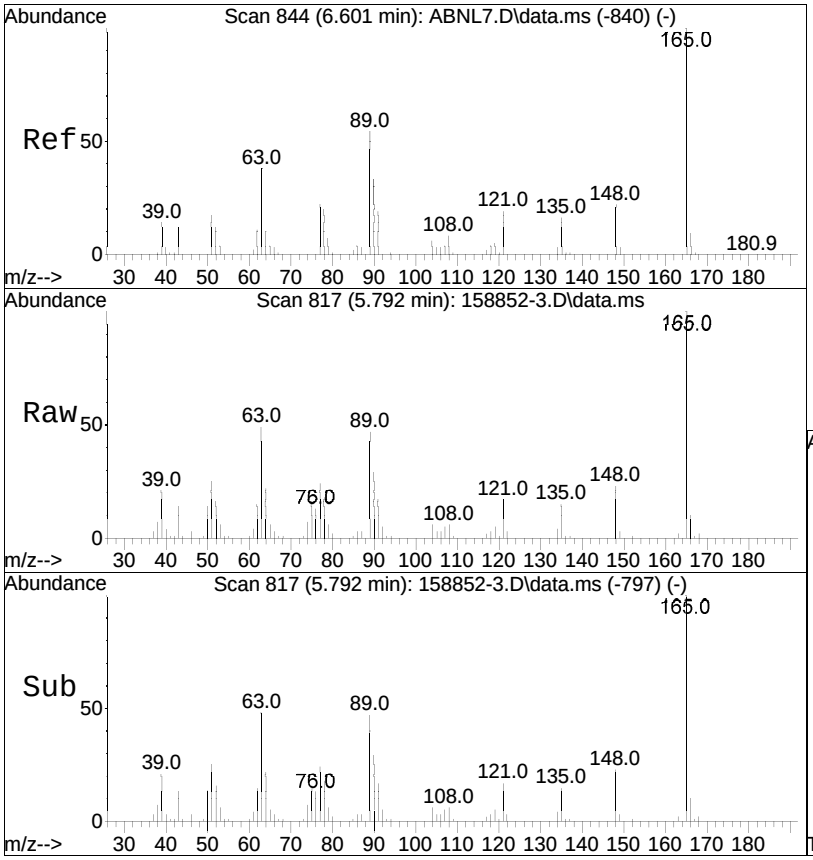


#52
Acenaphthylene
Concen: 25.46 ug/ml
RT: 5.810 min Scan# 820
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:152 Resp: 291918

Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.5	26.3
153	13.9	11.3	16.9

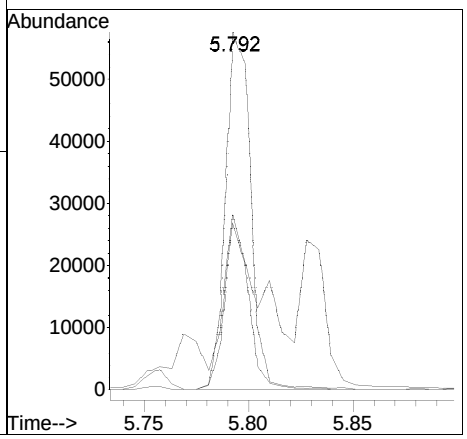


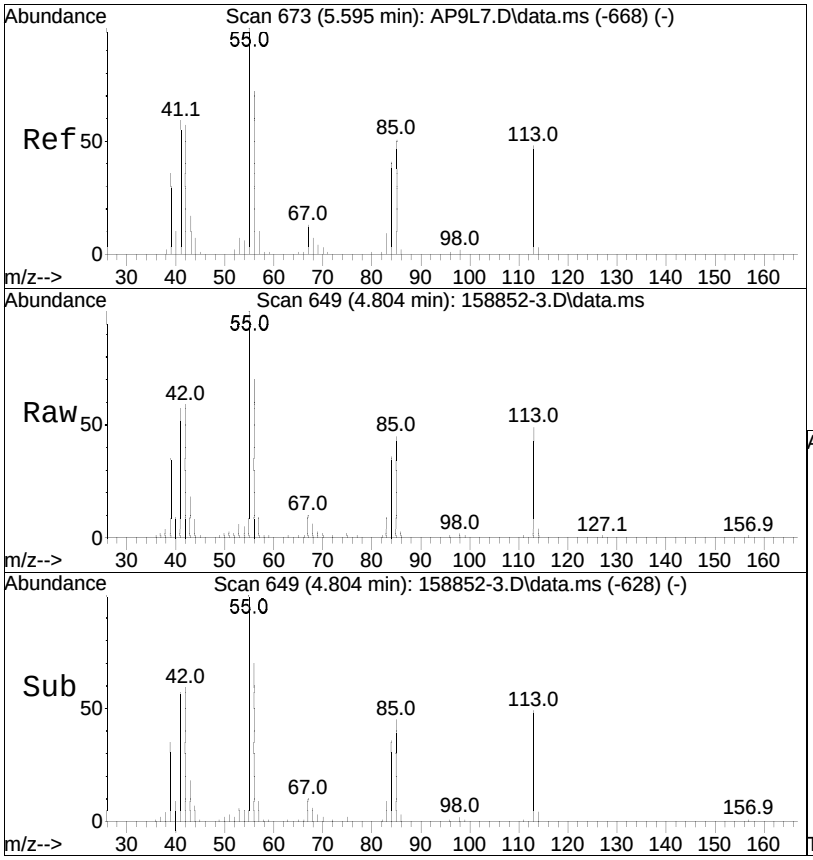


#53
2,6-Dinitrotoluene
Concen: 30.45 ug/ml
RT: 5.792 min Scan# 817
Delta R.T. -0.006 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:165 Resp: 47930

Ion	Ratio	Lower	Upper
165	100		
89	45.1	39.0	58.6
63	77.4	38.5	57.7#

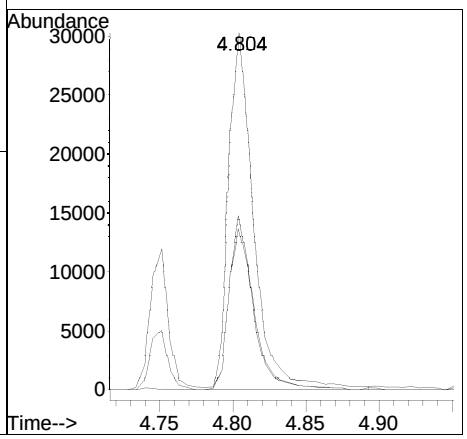


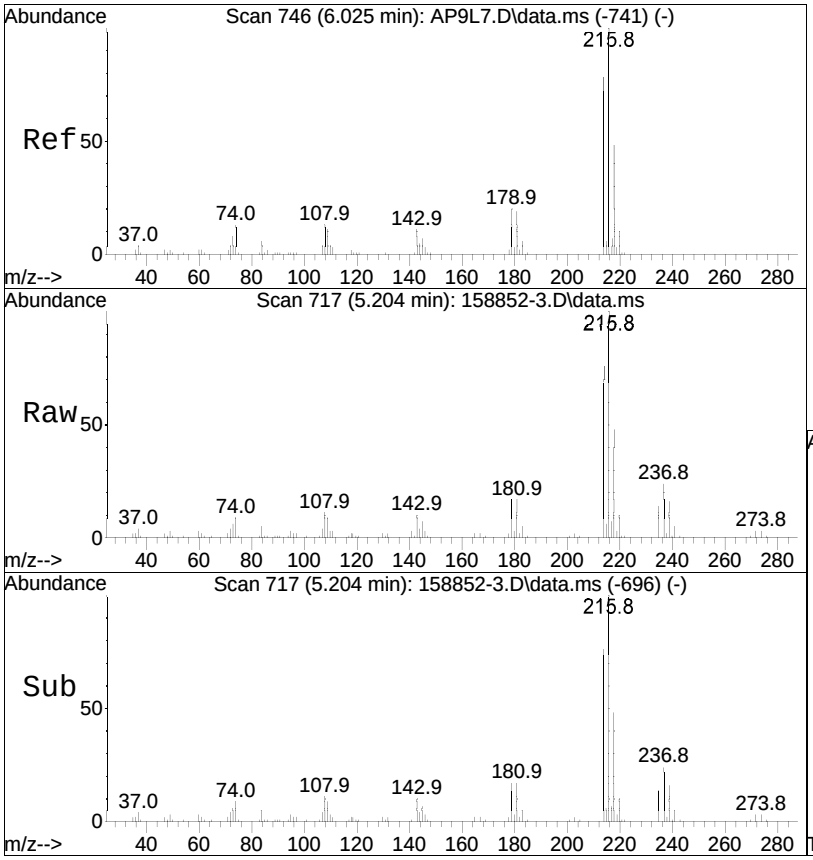


#60
Caprolactam
Concen: 40.50 ug/ml
RT: 4.804 min Scan# 649
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion: 55 Resp: 36517

Ion	Ratio	Lower	Upper
55	100		
85	45.3	40.2	60.2
113	47.7	42.8	64.2

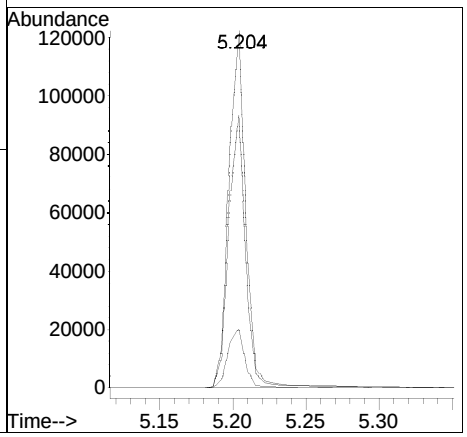


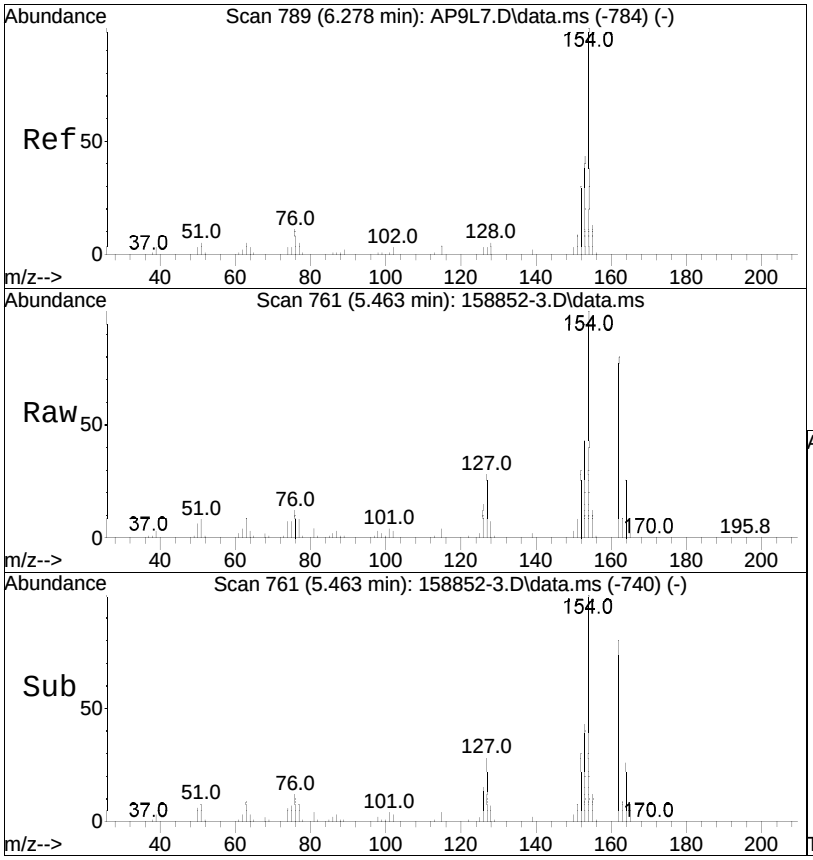


#61
1,2,4,5-Tetrachlorobenzene
Concen: 22.31 ug/ml
RT: 5.204 min Scan# 717
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:216 Resp: 99112

Ion	Ratio	Lower	Upper
216	100		
214	77.1	63.4	95.2
179	16.7	16.4	24.6

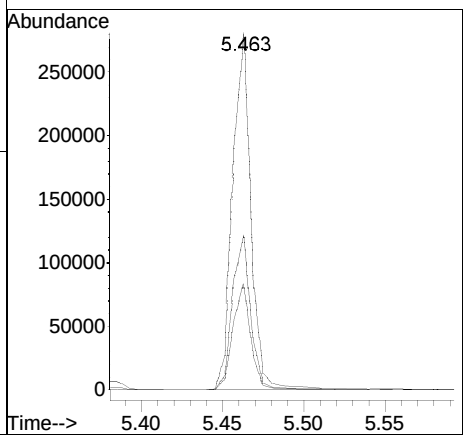


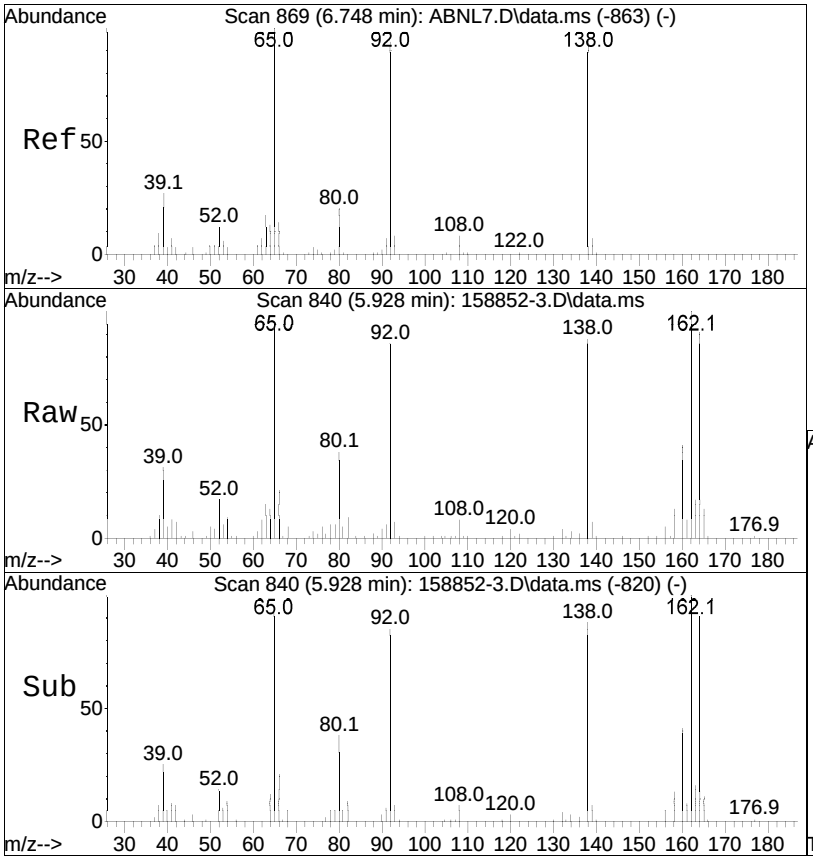


#62
Biphenyl
Concen: 26.90 ug/ml
RT: 5.463 min Scan# 761
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:154 Resp: 220332

Ion	Ratio	Lower	Upper
154	100		
153	43.8	34.7	52.1
152	29.6	24.0	36.0

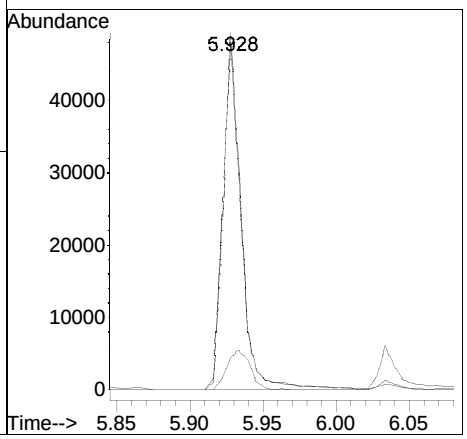


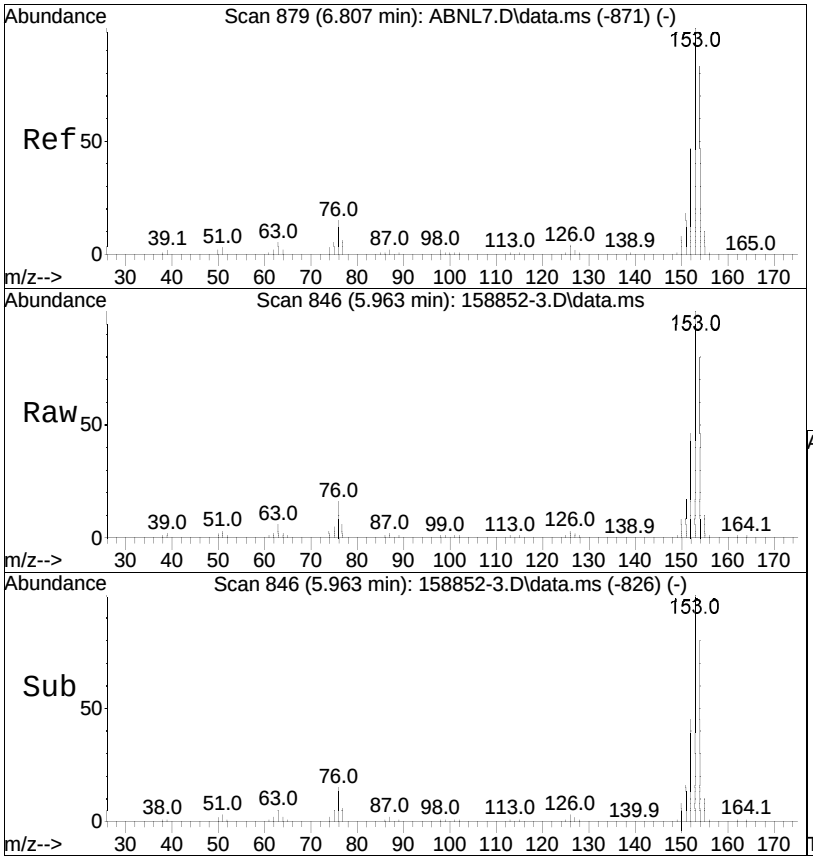


#64
3-Nitroaniline
Concen: 25.55 ug/ml
RT: 5.928 min Scan# 840
Delta R.T. -0.006 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:138 Resp: 41732

Ion	Ratio	Lower	Upper
138	100		
92	98.0	80.2	120.4
108	14.4	7.2	10.8#

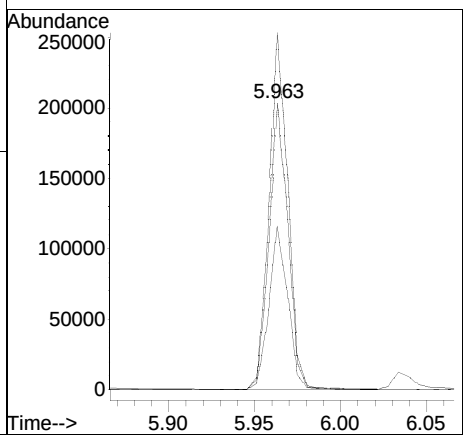


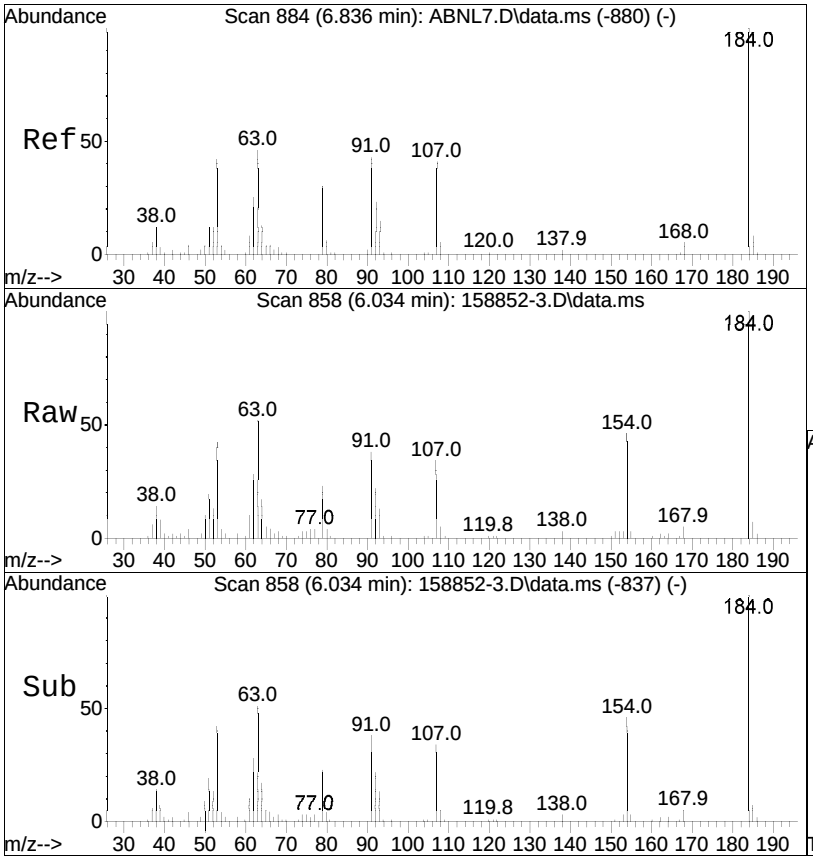


#65
Acenaphthene
Concen: 24.63 ug/ml
RT: 5.963 min Scan# 846
Delta R.T. -0.006 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:154 Resp: 157073

Ion	Ratio	Lower	Upper
154	100		
153	124.1	95.8	143.8
152	55.7	46.3	69.5

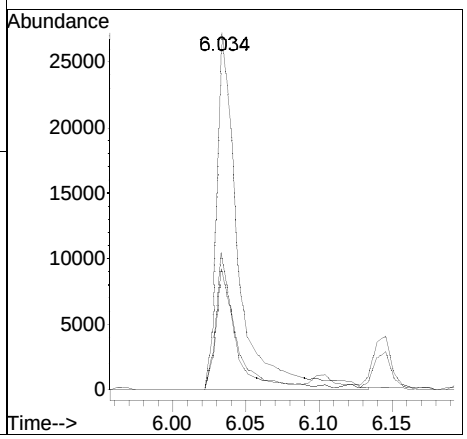


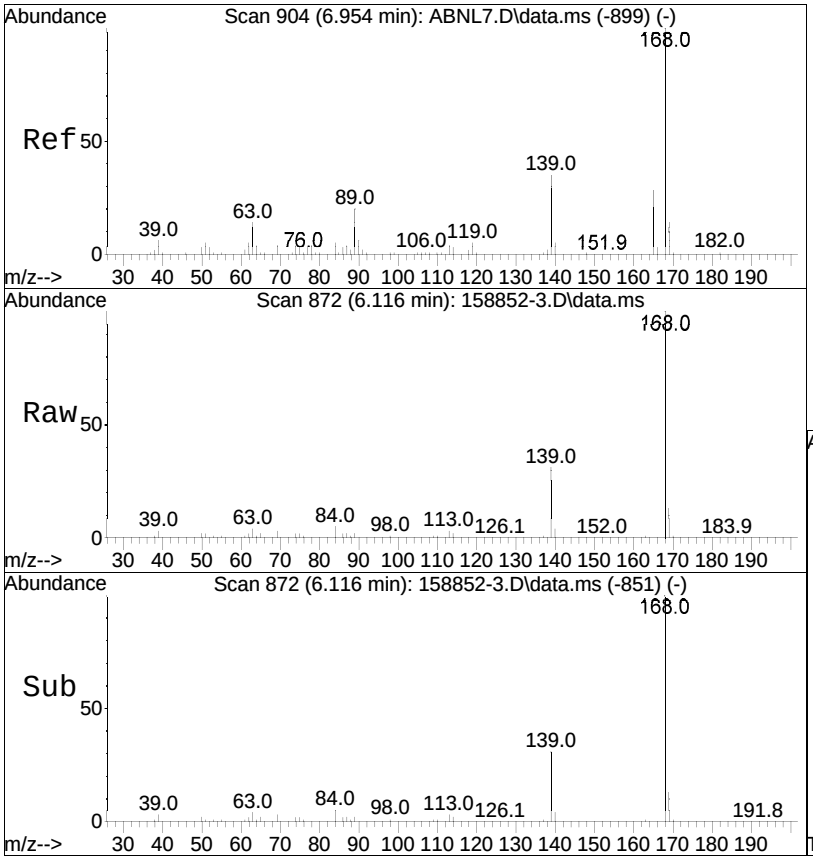


#66
2,4-Dinitrophenol
Concen: 35.24 ug/ml
RT: 6.034 min Scan# 858
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:184 Resp: 28233

Ion	Ratio	Lower	Upper
184	100		
107	32.8	32.2	48.2
91	35.2	36.4	54.6#

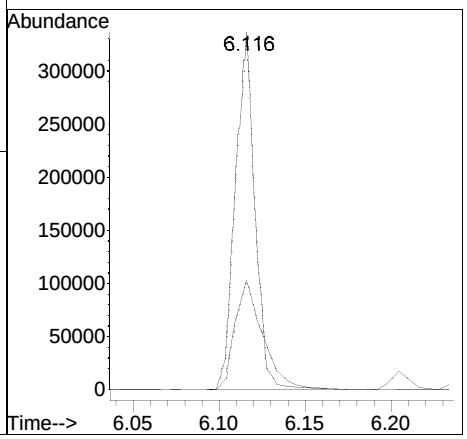


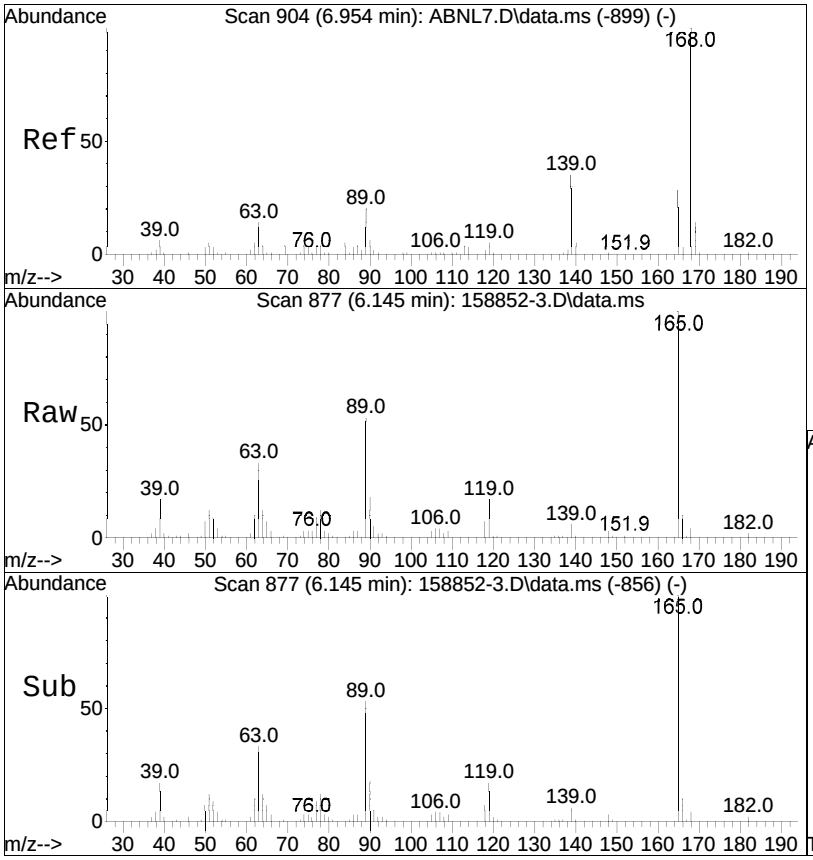


#67
Dibenzofuran
Concen: 24.74 ug/ml
RT: 6.116 min Scan# 872
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:168 Resp: 266055

Ion	Ratio	Lower	Upper
168	100		
139	44.8	44.5	66.7

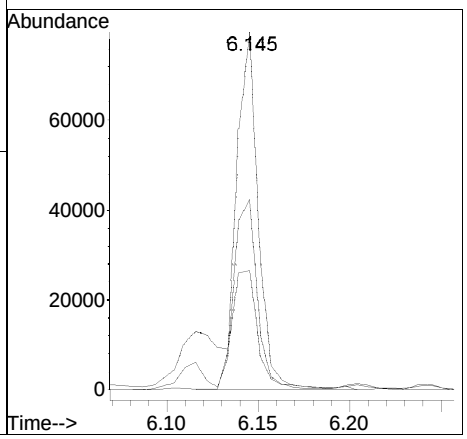


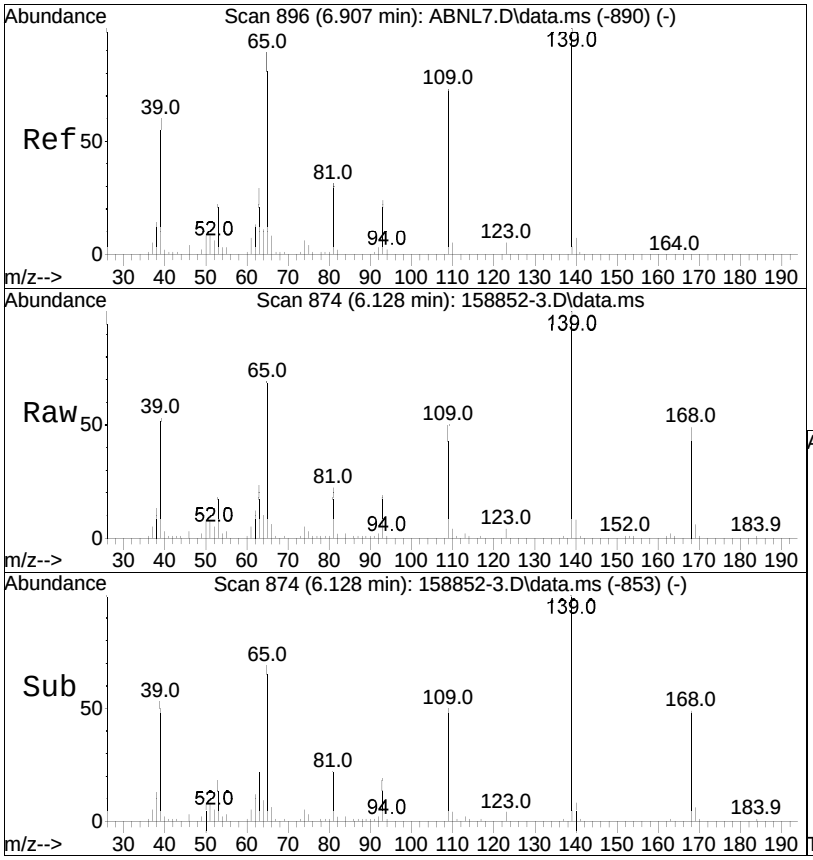


#68
2,4-Dinitrotoluene
Concen: 30.71 ug/ml
RT: 6.145 min Scan# 877
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:165 Resp: 65341

Ion	Ratio	Lower	Upper
165	100		
89	55.4	58.8	88.2#
63	33.6	56.5	84.7#

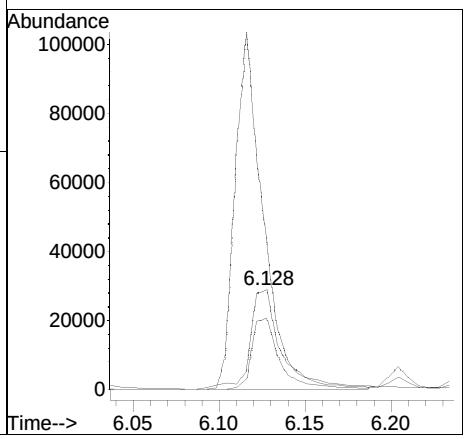


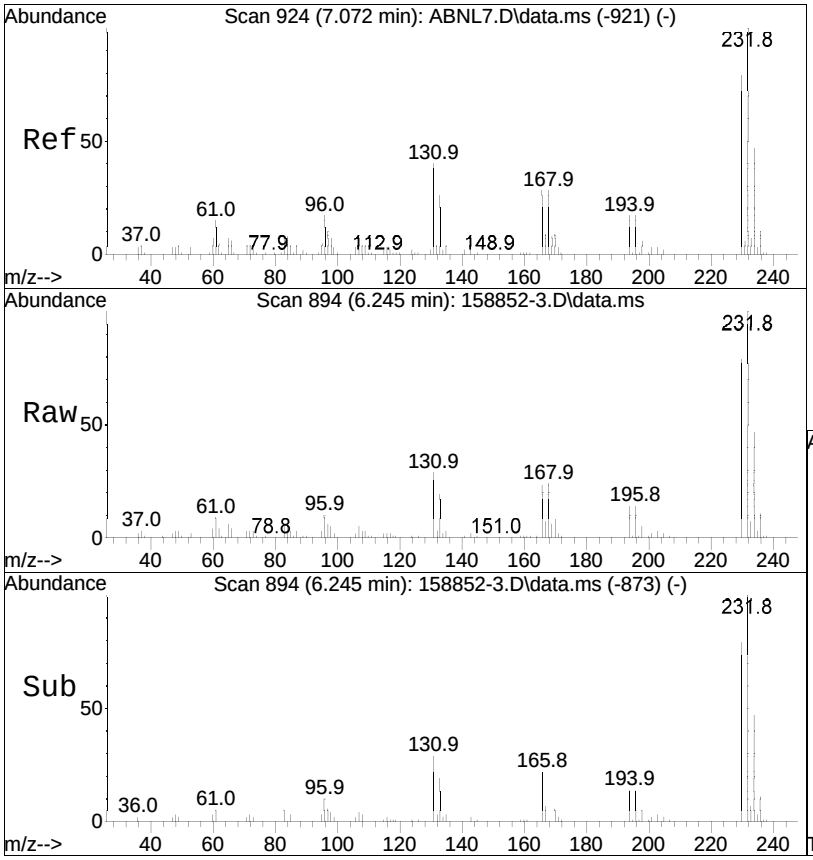


#69
4-Nitrophenol
Concen: 35.65 ug/ml
RT: 6.128 min Scan# 874
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion: 65 Resp: 36509

Ion	Ratio	Lower	Upper
65	100		
109	64.2	52.0	78.0
139	326.9	268.1	402.1

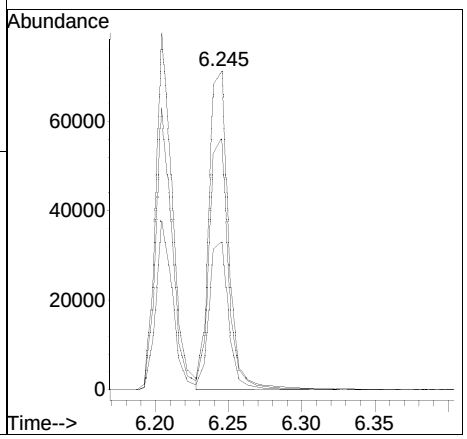


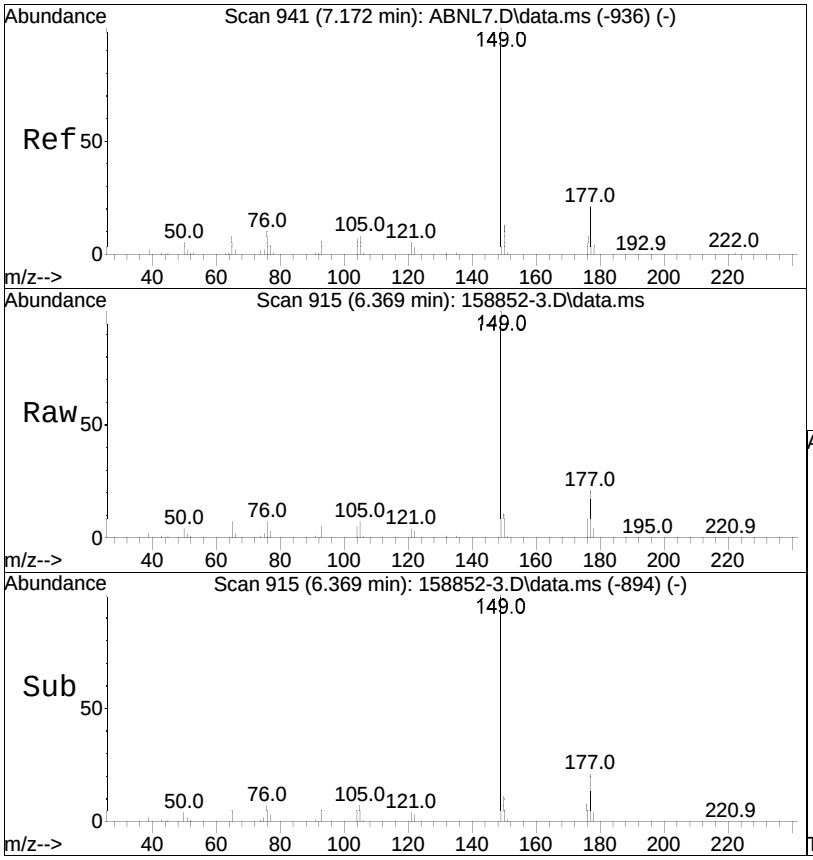


#71
2,3,4,6-Tetrachlorophenol
Concen: 25.38 ug/ml
RT: 6.245 min Scan# 894
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:232 Resp: 66510

Ion	Ratio	Lower	Upper
232	100		
230	78.2	62.9	94.3
234	46.2	38.1	57.1

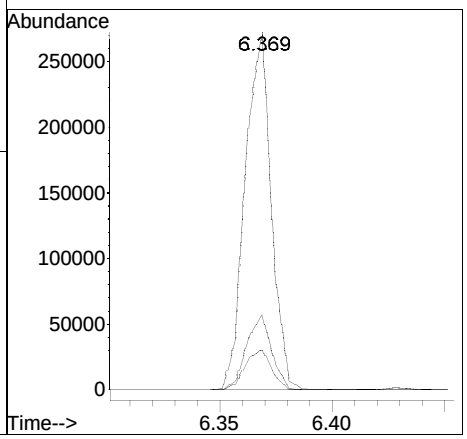


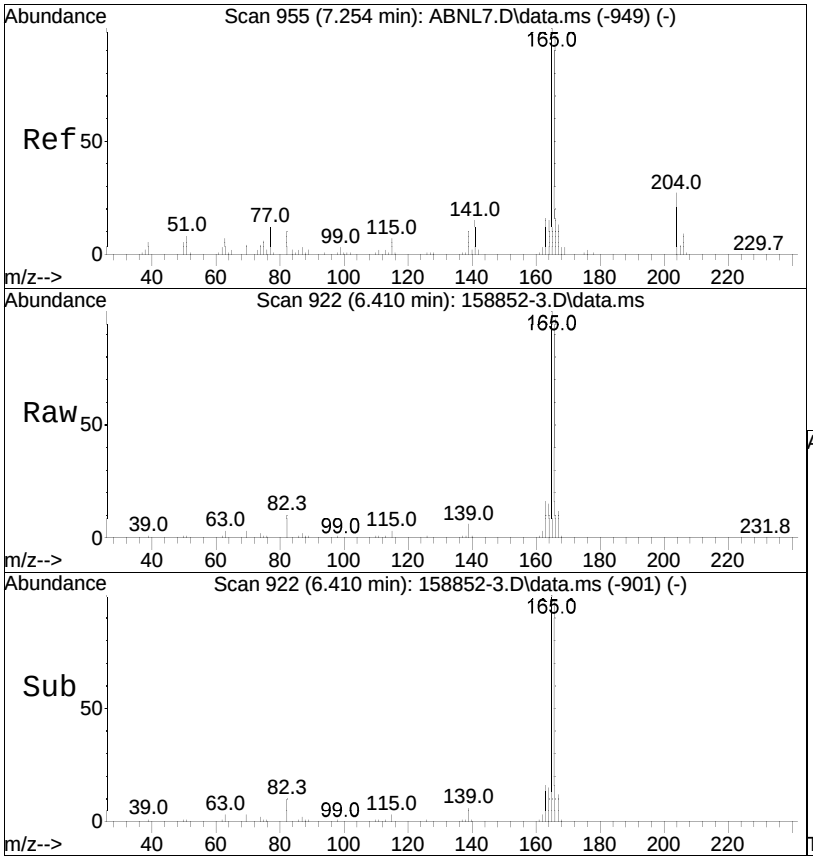


#72
Diethyl phthalate
Concen: 27.37 ug/ml
RT: 6.369 min Scan# 915
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:149 Resp: 216856

Ion	Ratio	Lower	Upper
149	100		
177	20.3	16.2	24.4
150	11.6	9.9	14.9

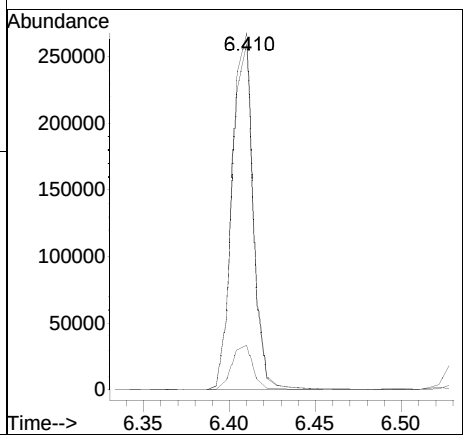


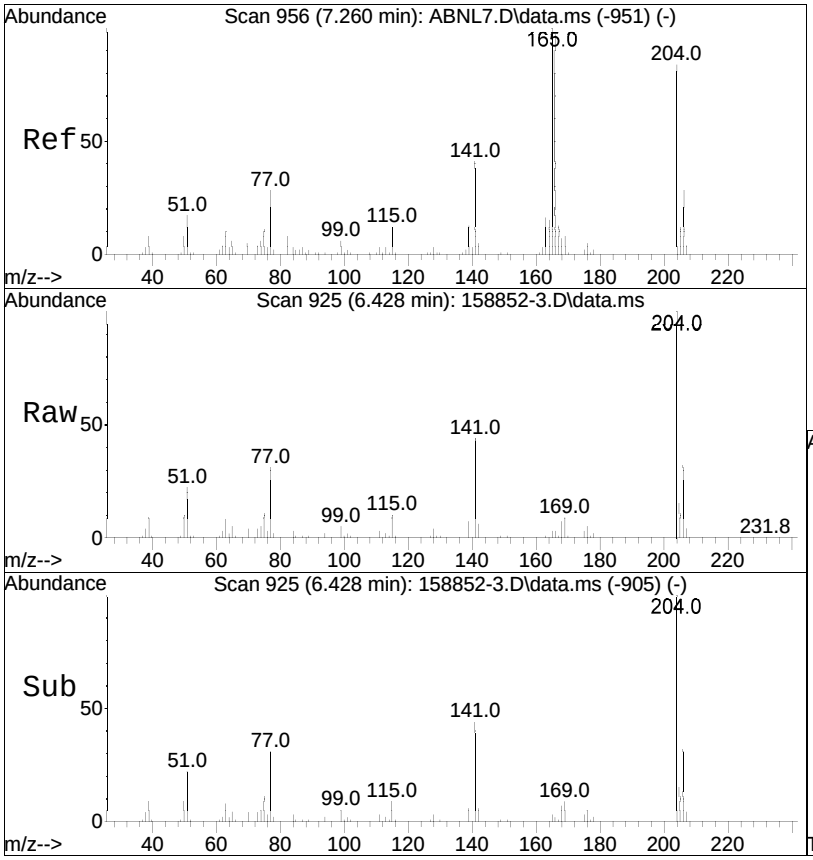


#73
Fluorene
Concen: 26.10 ug/ml
RT: 6.410 min Scan# 922
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:166 Resp: 221883

Ion	Ratio	Lower	Upper
166	100		
165	104.4	82.5	123.7
167	13.2	11.3	16.9

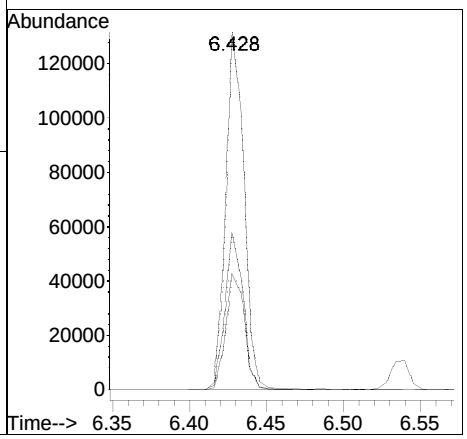


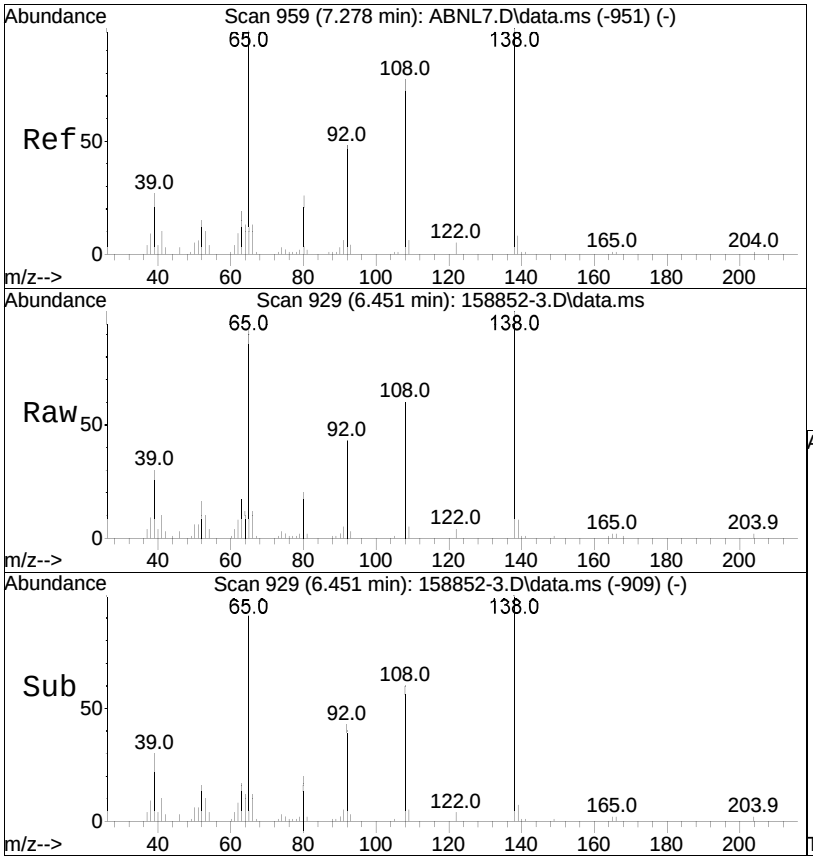


#74
4-Chlorophenyl phenyl ether
Concen: 23.39 ug/ml
RT: 6.428 min Scan# 925
Delta R.T. -0.006 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:204 Resp: 107998

Ion	Ratio	Lower	Upper
204	100		
206	33.4	27.1	40.7
141	43.7	46.6	70.0#

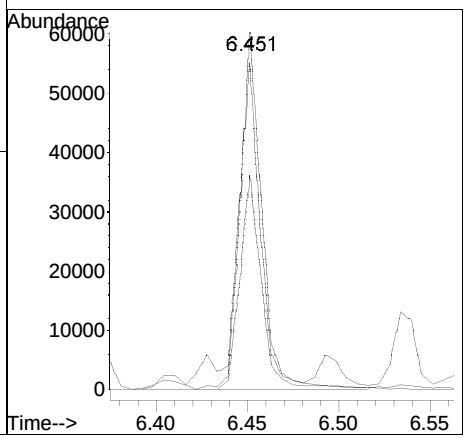


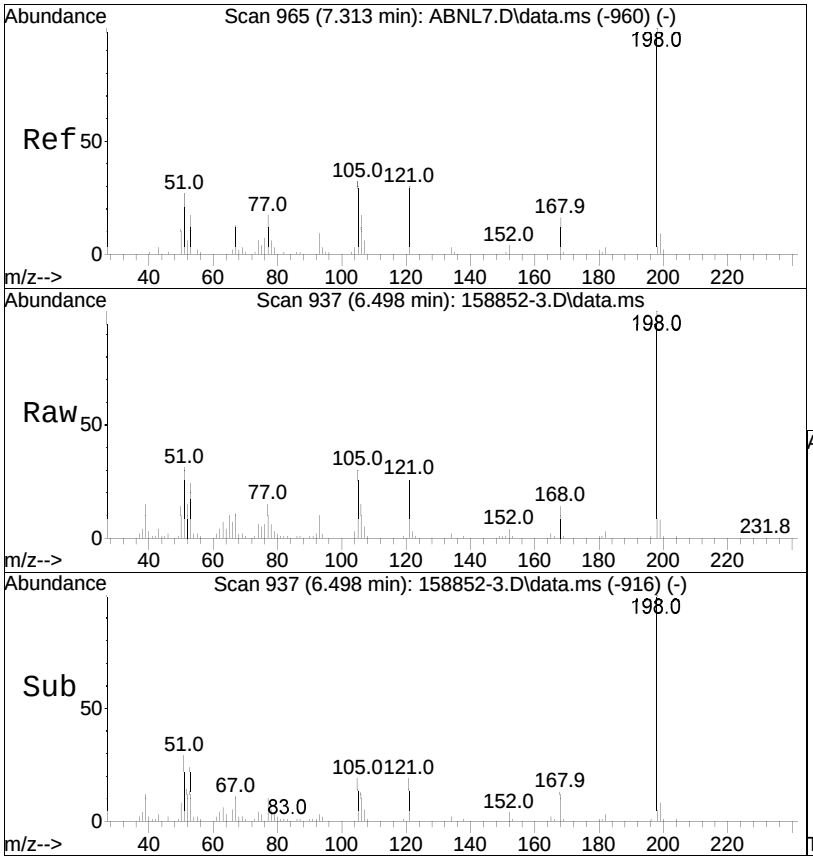


#75
4-Nitroaniline
Concen: 28.65 ug/ml
RT: 6.451 min Scan# 929
Delta R.T. -0.006 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:138 Resp: 49119

Ion	Ratio	Lower	Upper
138	100		
108	60.3	45.8	68.8
65	101.5	84.2	126.4

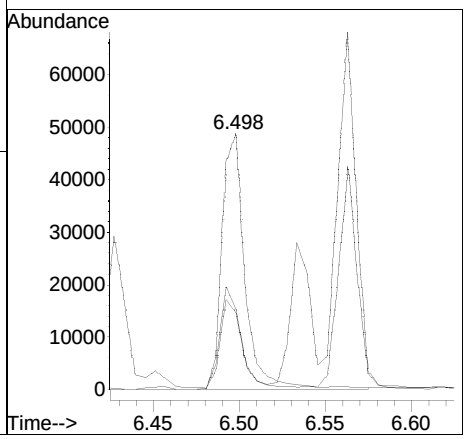


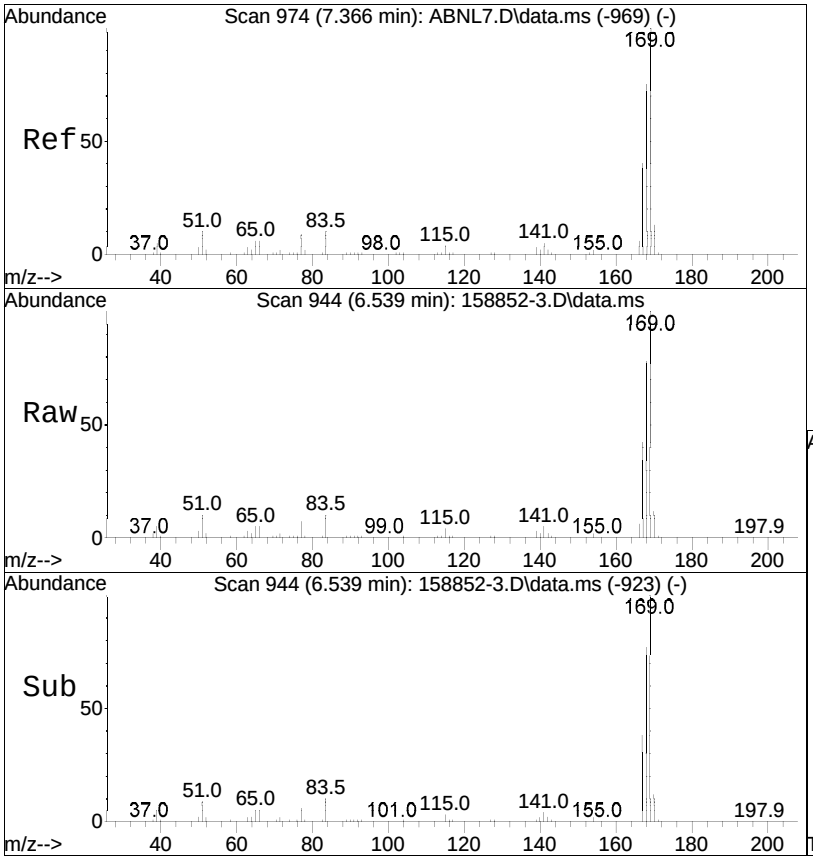


#76
4,6-Dinitro-o-cresol
Concen: 37.74 ug/ml
RT: 6.498 min Scan# 937
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:198 Resp: 45507

Ion	Ratio	Lower	Upper
198	100		
51	35.8	35.5	53.3
105	34.1	35.8	53.6#

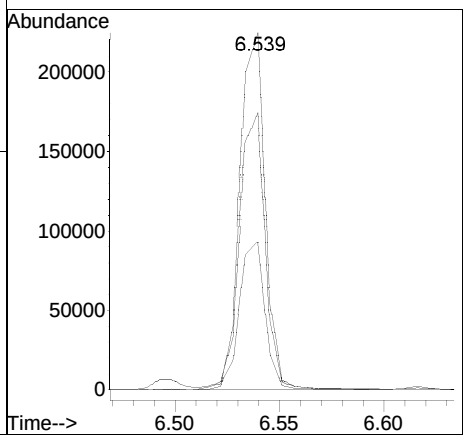


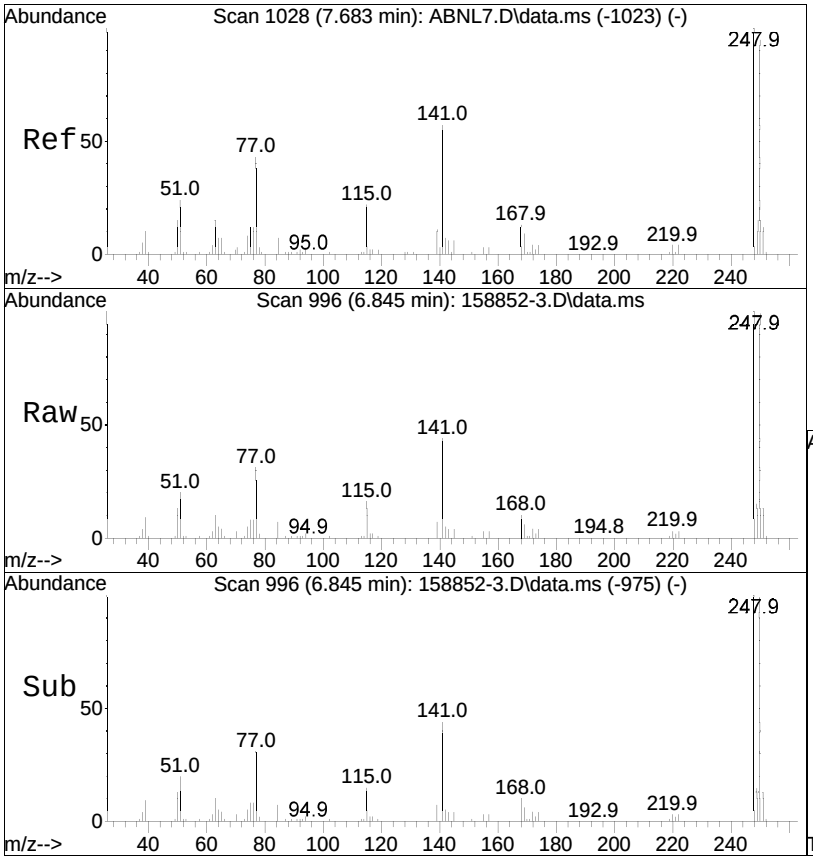


#77
NDPA/DPA
Concen: 25.81 ug/ml
RT: 6.539 min Scan# 944
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:169 Resp: 189425

Ion	Ratio	Lower	Upper
169	100		
168	78.8	59.7	89.5
167	43.3	33.6	50.4

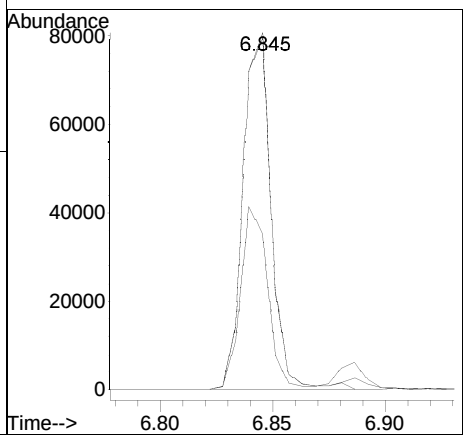


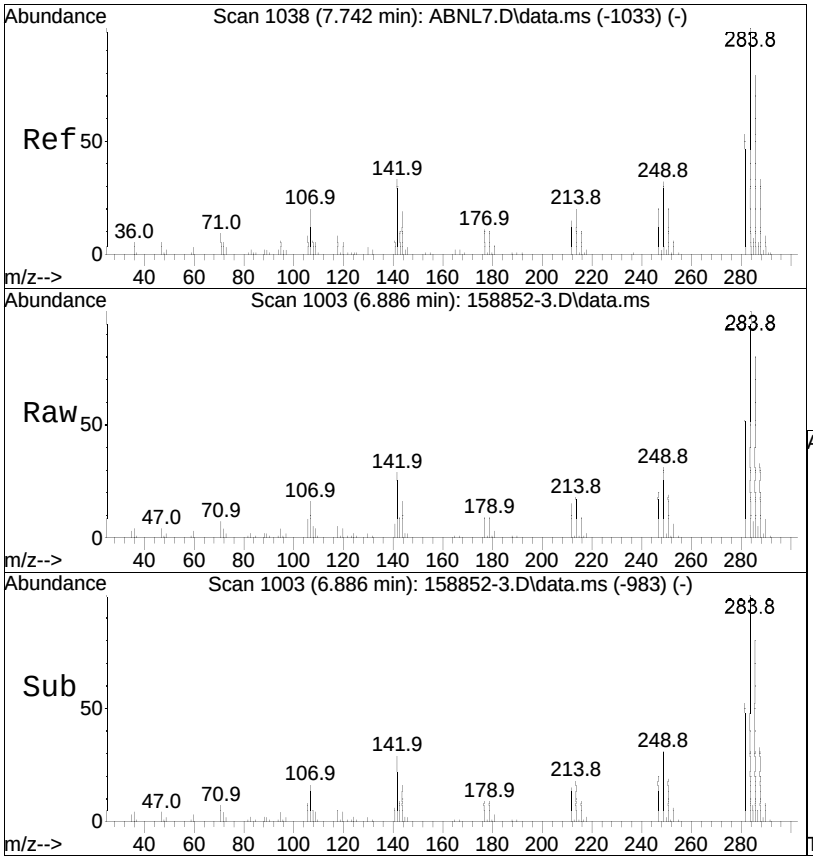


#80
4-Bromophenyl phenyl ether
Concen: 23.91 ug/ml
RT: 6.845 min Scan# 996
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:248 Resp: 69675

Ion	Ratio	Lower	Upper
248	100		
141	50.2	50.8	76.2#
250	98.6	78.1	117.1

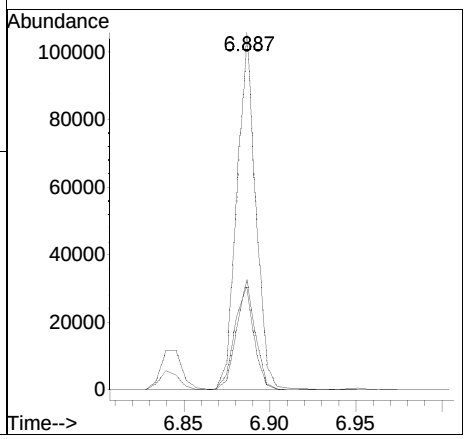


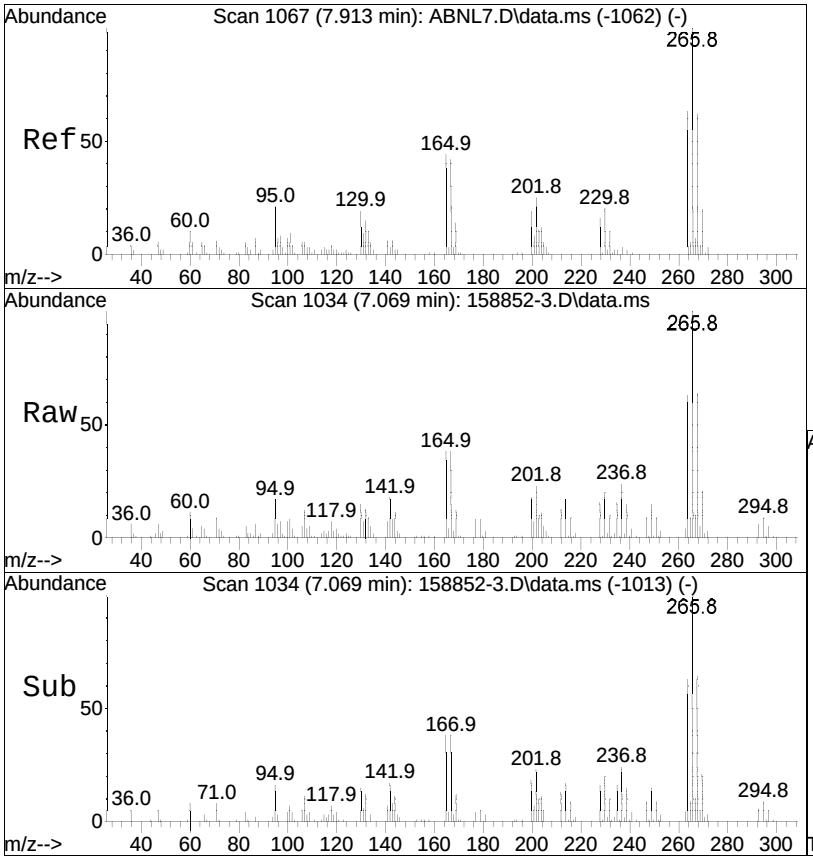


#81
Hexachlorobenzene
Concen: 24.81 ug/ml
RT: 6.886 min Scan# 1003
Delta R.T. -0.006 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:284 Resp: 80179

Ion	Ratio	Lower	Upper
284	100		
142	30.1	25.7	38.5
249	30.5	23.3	34.9

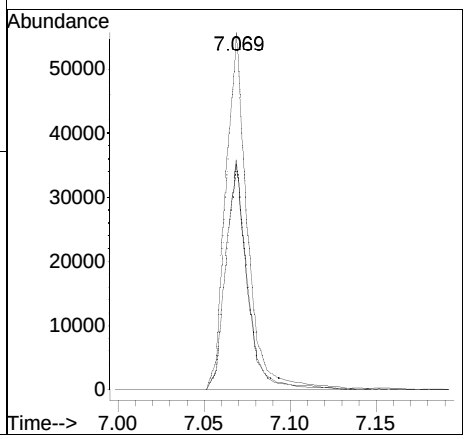


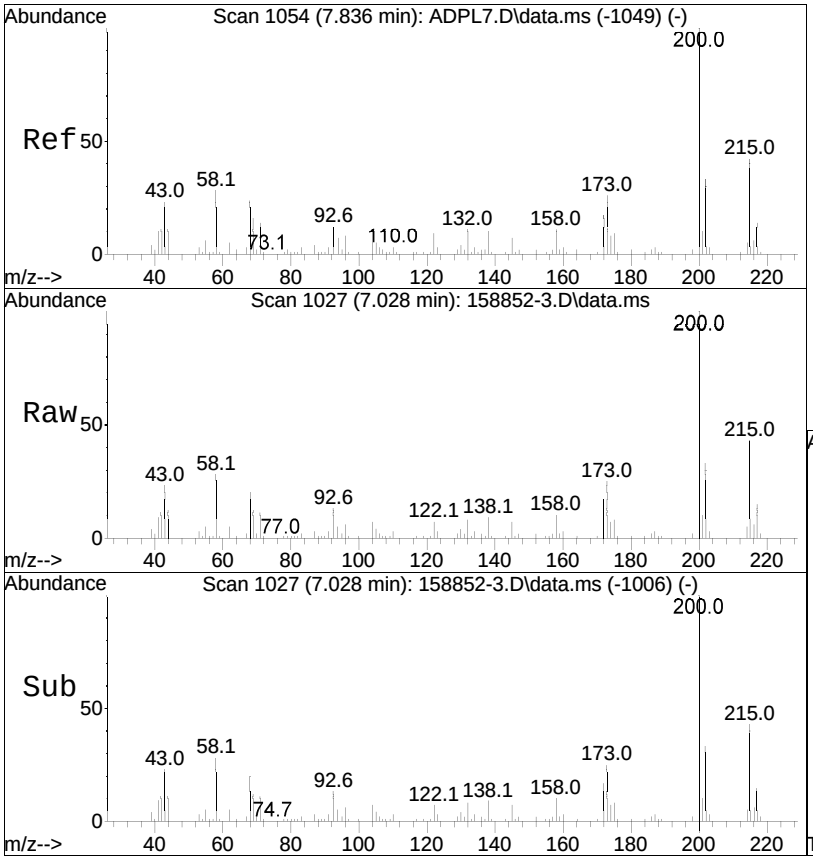


#82
Pentachlorophenol
Concen: 25.49 ug/ml
RT: 7.069 min Scan# 1034
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:266 Resp: 48872

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.4	75.6
268	64.8	49.9	74.9

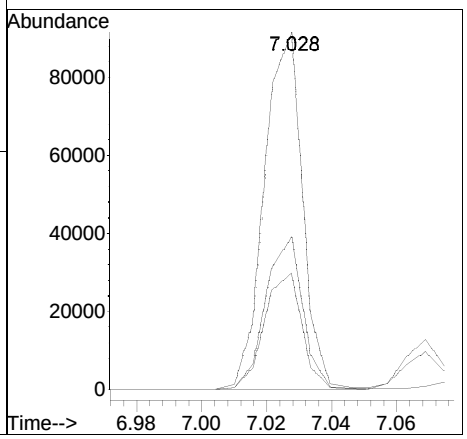


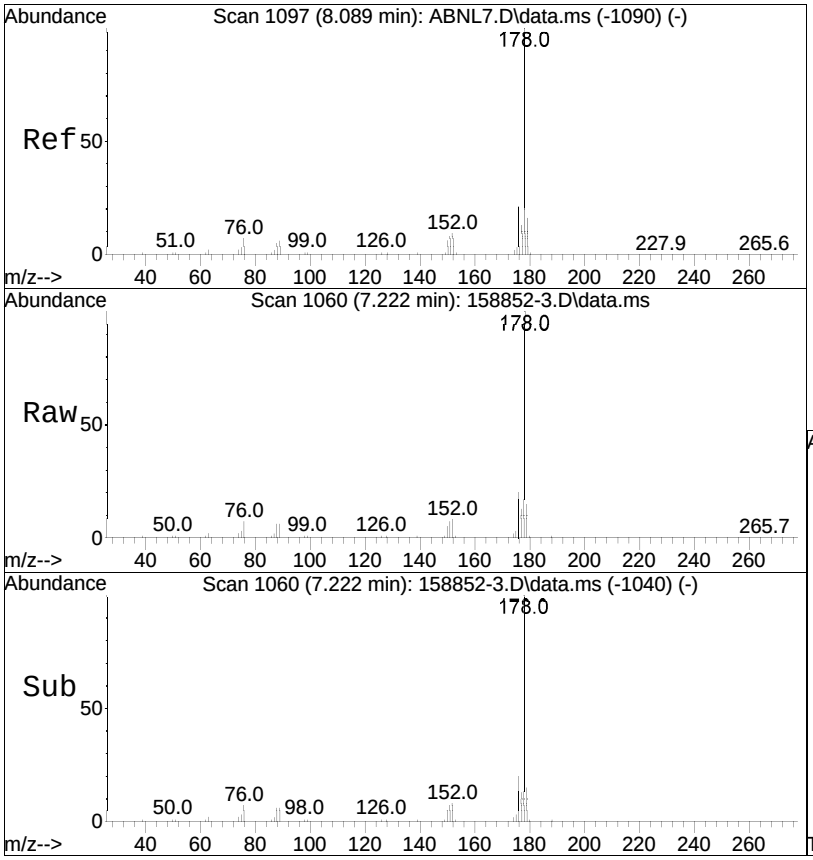


#87
Atrazine
Concen: 29.52 ug/ml
RT: 7.028 min Scan# 1027
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:200 Resp: 73985

Ion	Ratio	Lower	Upper
200	100		
202	32.4	26.5	39.7
215	42.0	35.8	53.6

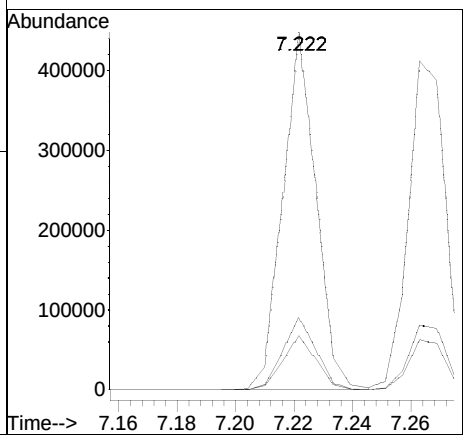


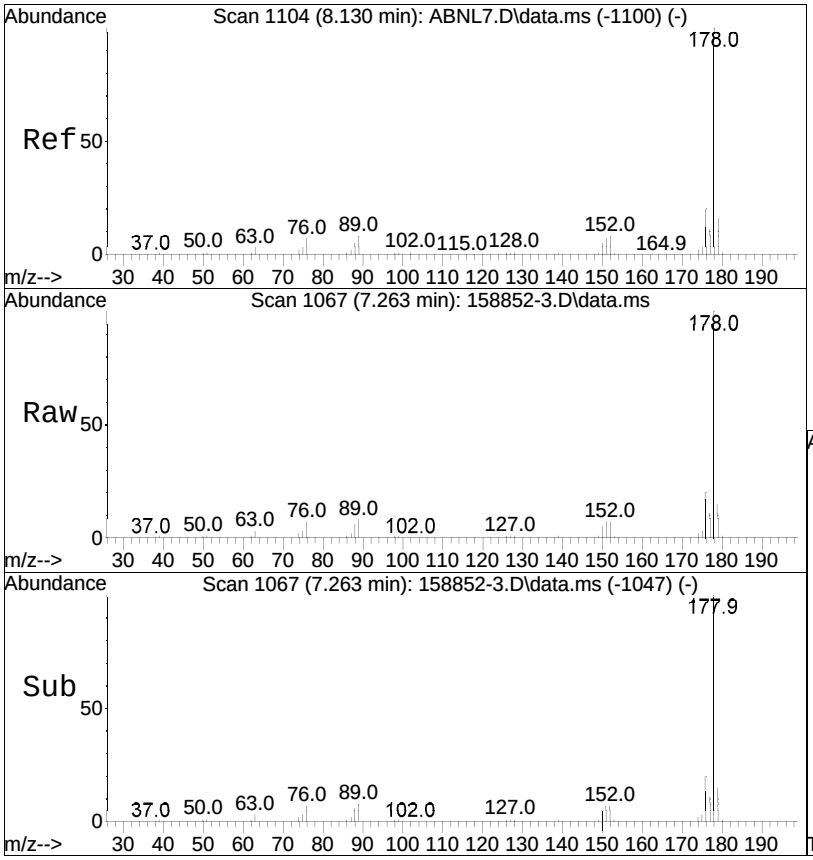


#89
Phenanthrene
Concen: 24.74 ug/ml
RT: 7.222 min Scan# 1060
Delta R.T. -0.006 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:178 Resp: 353301

Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.3	19.9
176	20.2	16.9	25.3

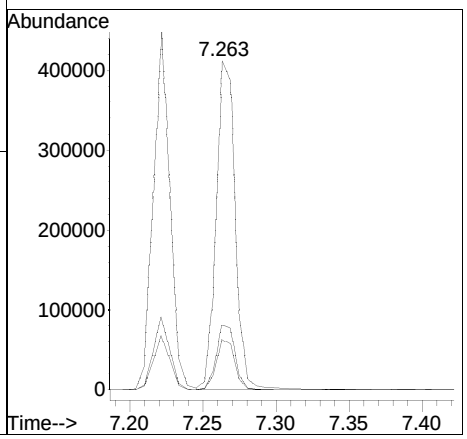


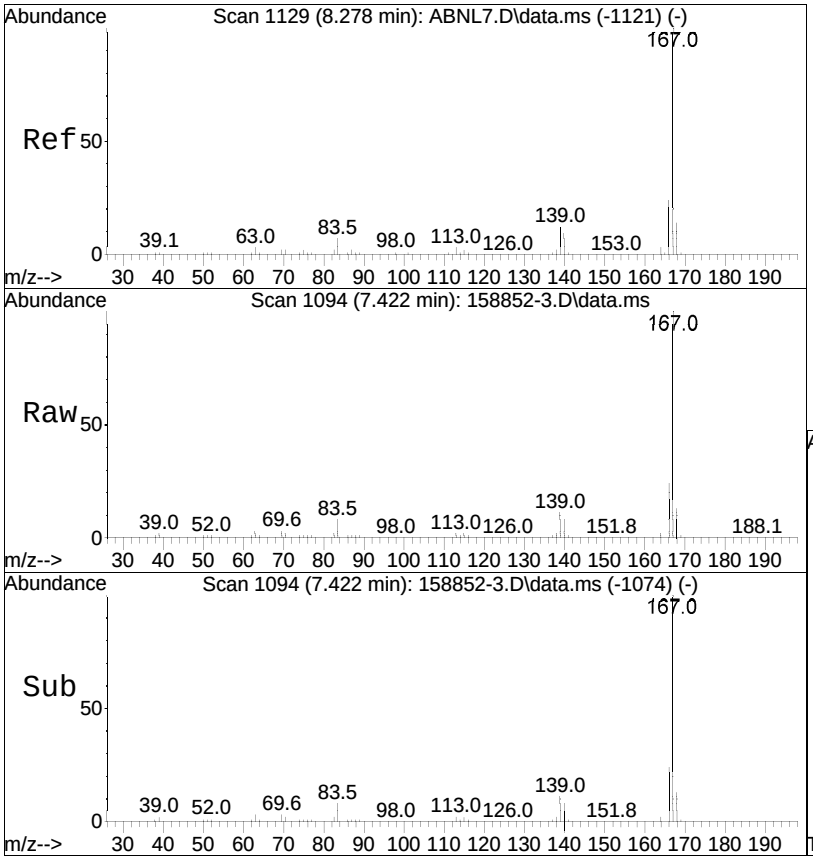


#90
Anthracene
Concen: 25.62 ug/ml
RT: 7.263 min Scan# 1067
Delta R.T. -0.006 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:178 Resp: 371721

Ion	Ratio	Lower	Upper
178	100		
179	15.1	13.1	19.7
176	19.8	16.3	24.5

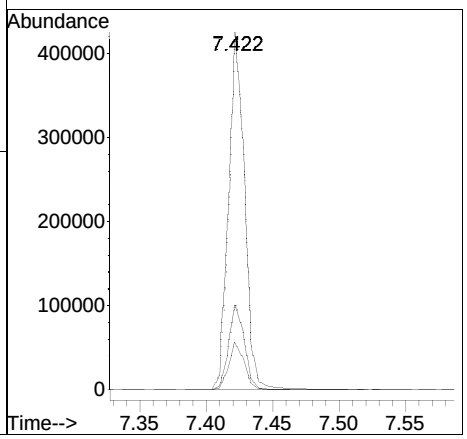


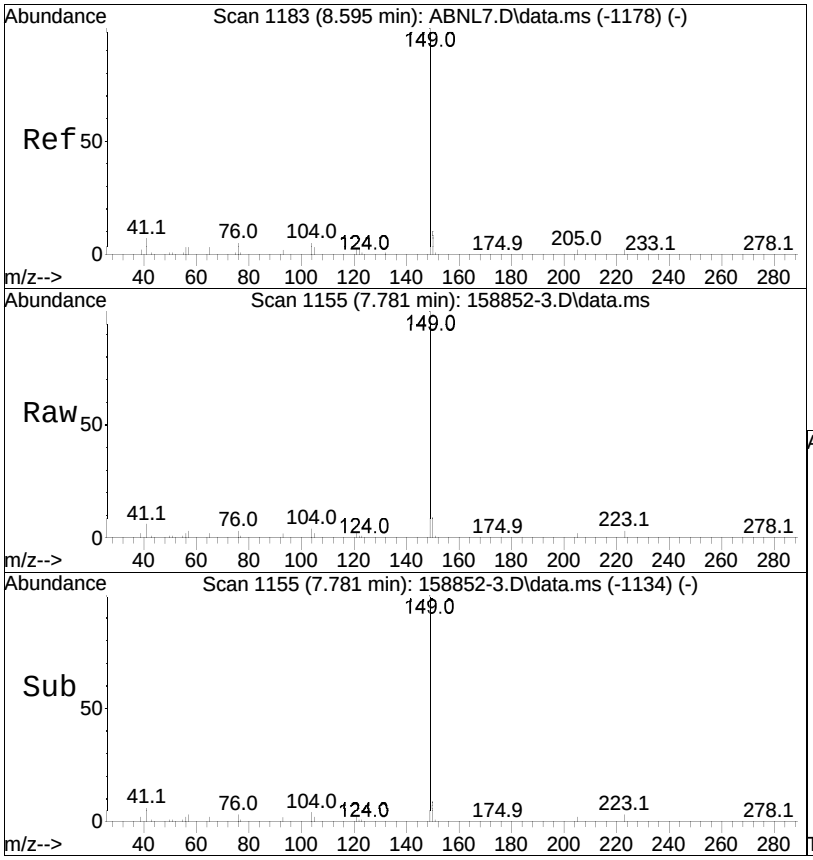


#91
Carbazole
Concen: 25.66 ug/ml
RT: 7.422 min Scan# 1094
Delta R.T. -0.006 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:167 Resp: 350251

Ion	Ratio	Lower	Upper
167	100		
168	13.5	11.6	17.4
166	23.9	19.9	29.9

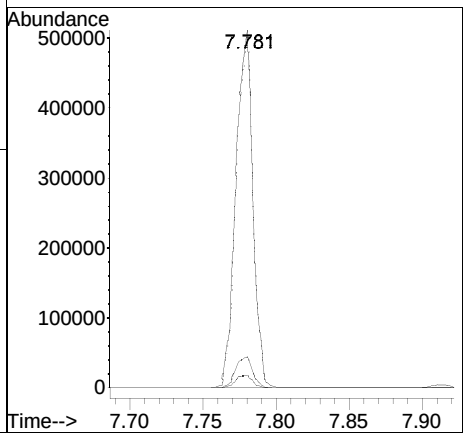


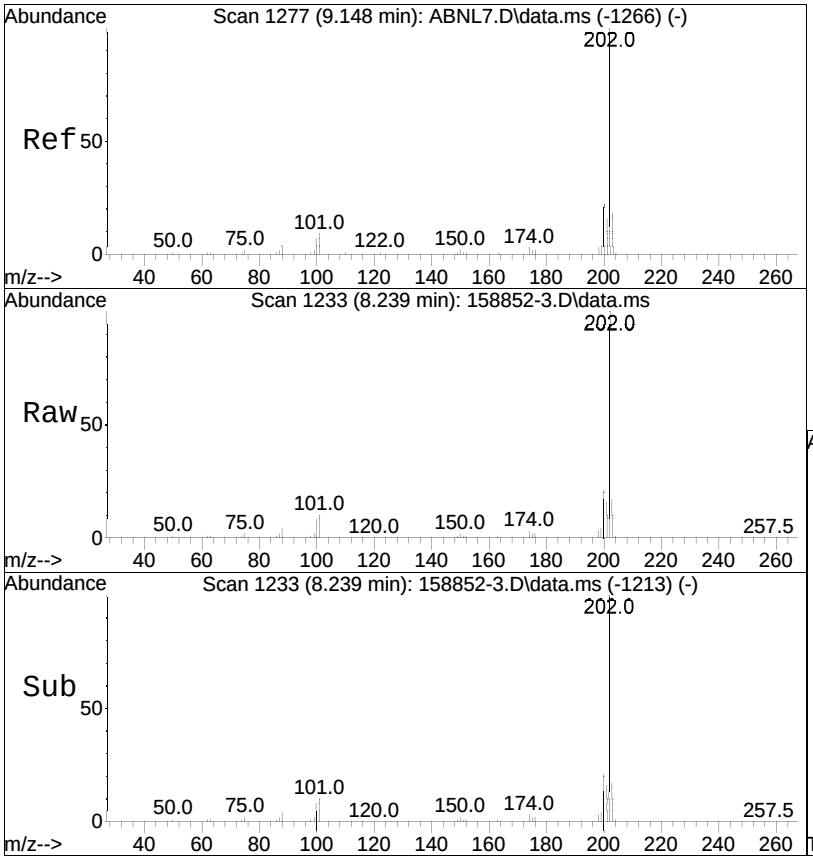


#92
Di-n-butylphthalate
Concen: 28.40 ug/ml
RT: 7.781 min Scan# 1155
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:149 Resp: 406359

Ion	Ratio	Lower	Upper
149	100		
150	9.0	8.1	12.1
104	3.7	3.4	5.2

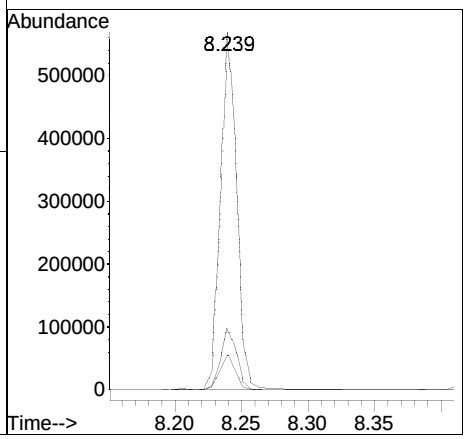


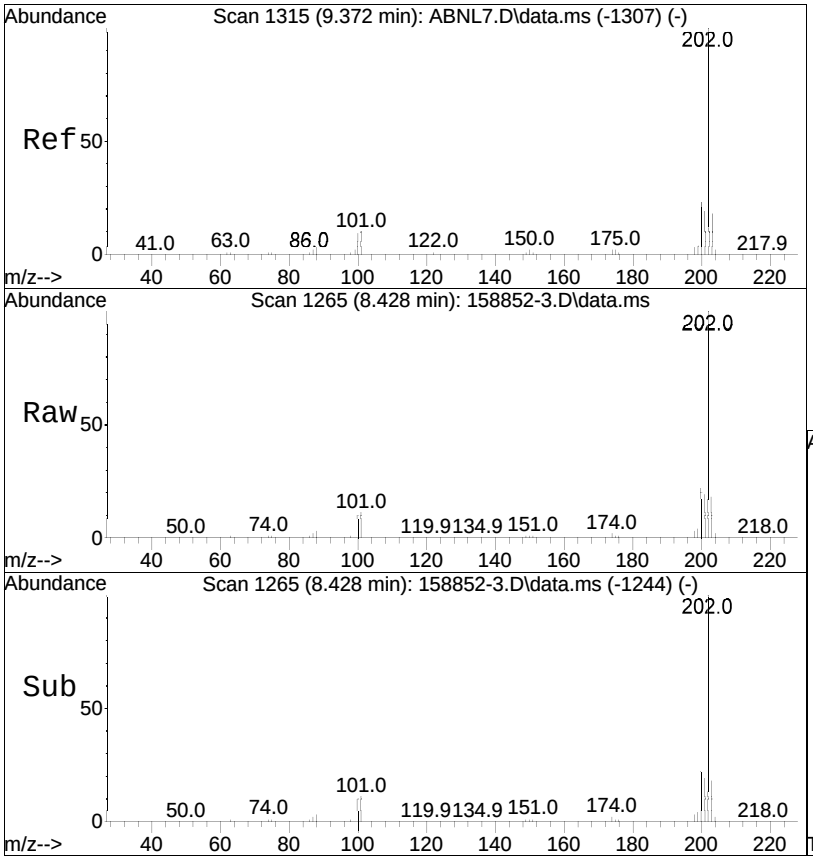


#93
Fluoranthene
Concen: 24.53 ug/ml
RT: 8.239 min Scan# 1233
Delta R.T. -0.006 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:202 Resp: 475387

Ion	Ratio	Lower	Upper
202	100		
101	9.5	11.5	17.3#
203	17.4	15.0	22.6

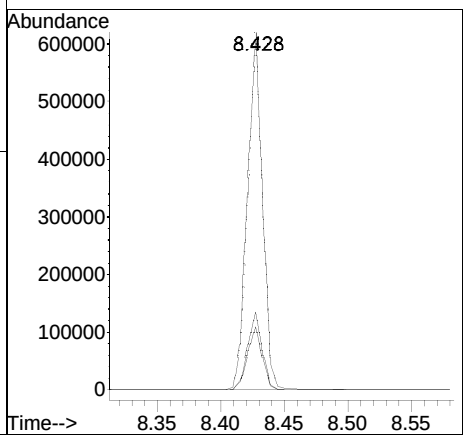


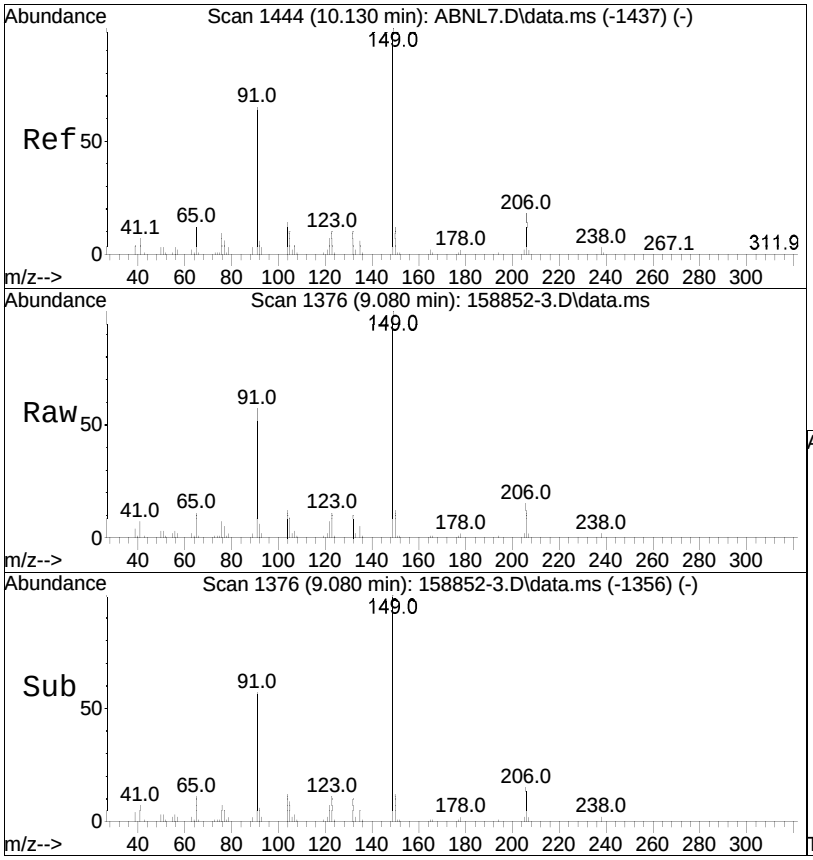


#95
Pyrene
Concen: 24.68 ug/ml
RT: 8.428 min Scan# 1265
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:202 Resp: 500215

Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.5	27.7
203	17.7	15.5	23.3

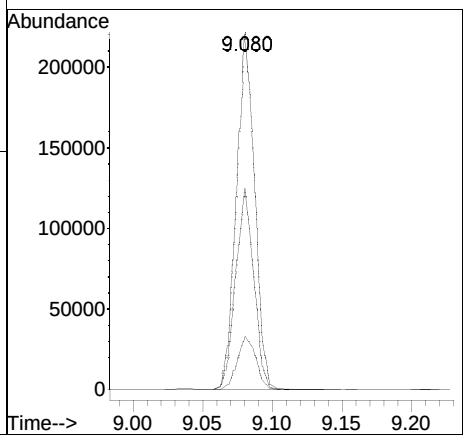


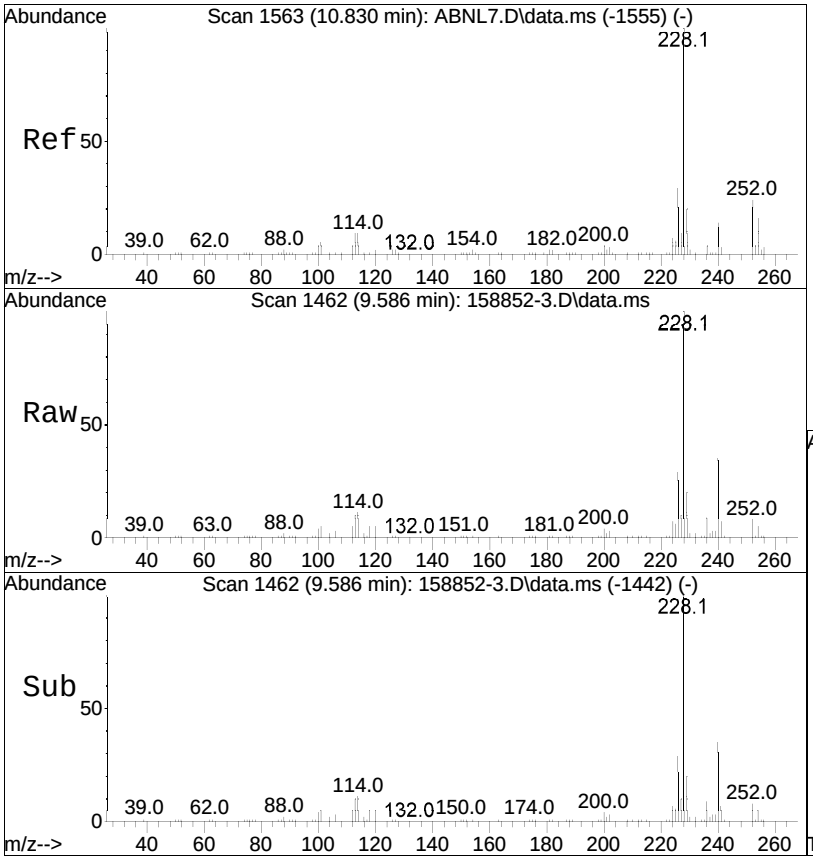


#97
Butyl benzyl phthalate
Concen: 30.66 ug/ml
RT: 9.080 min Scan# 1376
Delta R.T. -0.006 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:149 Resp: 198847

Ion	Ratio	Lower	Upper
149	100		
91	56.2	51.2	76.8
206	15.5	12.1	18.1

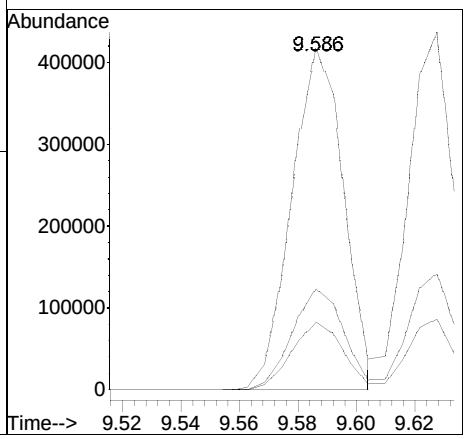


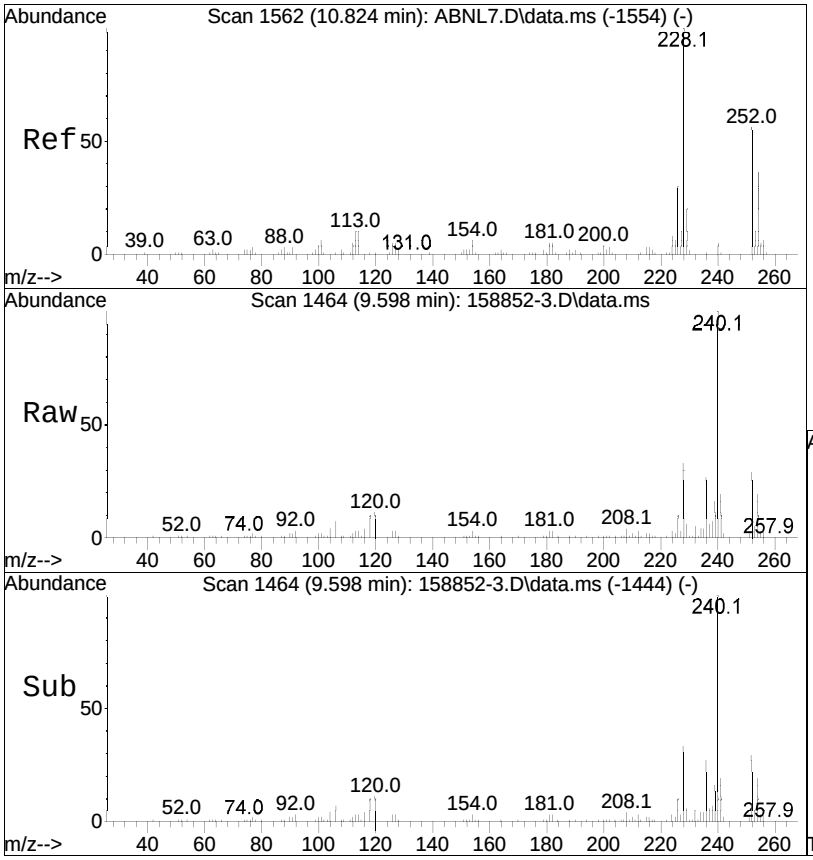


#105
Benzo(a)anthracene
Concen: 25.06 ug/ml
RT: 9.586 min Scan# 1462
Delta R.T. -0.006 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:228 Resp: 516427

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.8	35.8
229	19.6	16.6	24.8

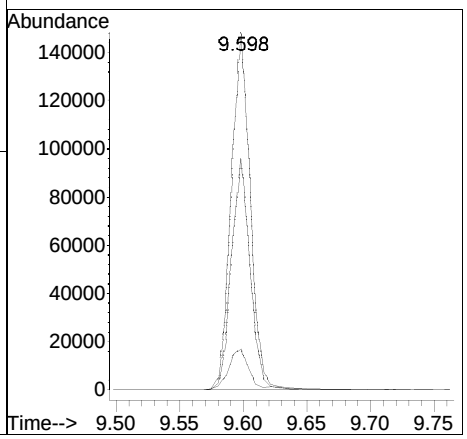


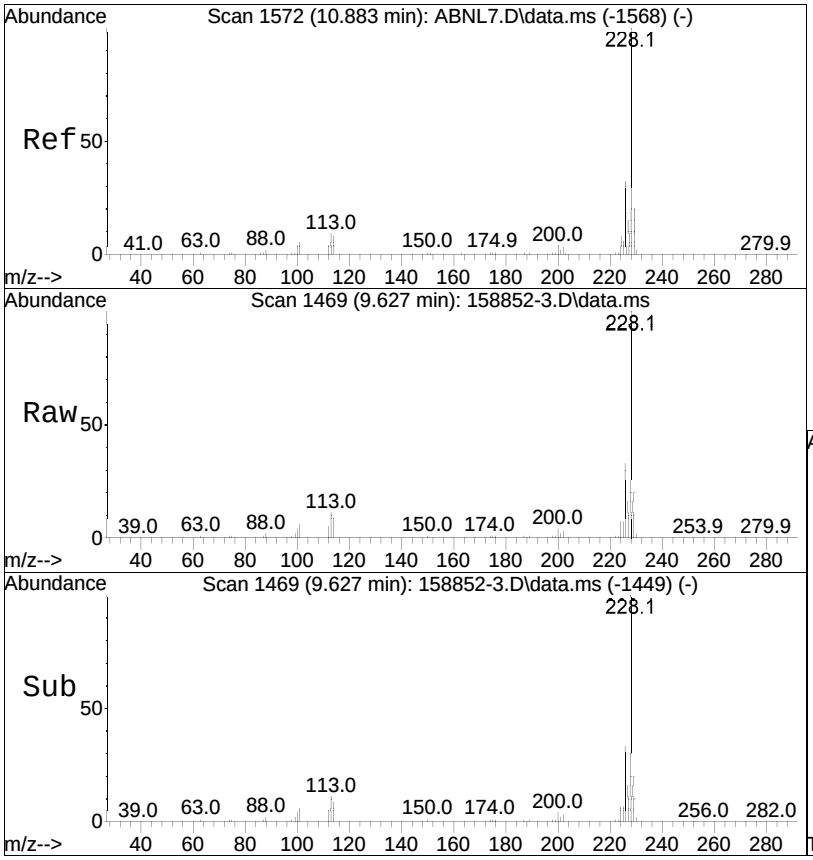


#106
3,3'-Dichlorobenzidine
Concen: 20.17 ug/ml
RT: 9.598 min Scan# 1464
Delta R.T. -0.006 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:252 Resp: 153123

Ion	Ratio	Lower	Upper
252	100		
126	12.8	11.6	17.4
254	63.5	52.2	78.2

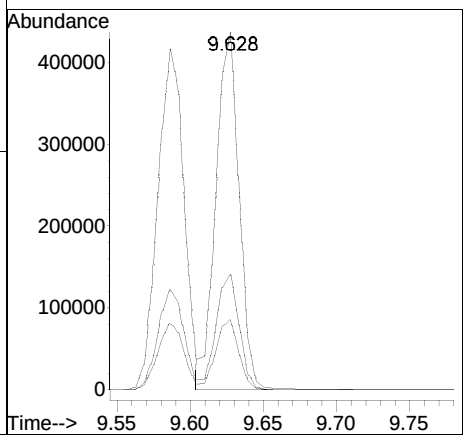


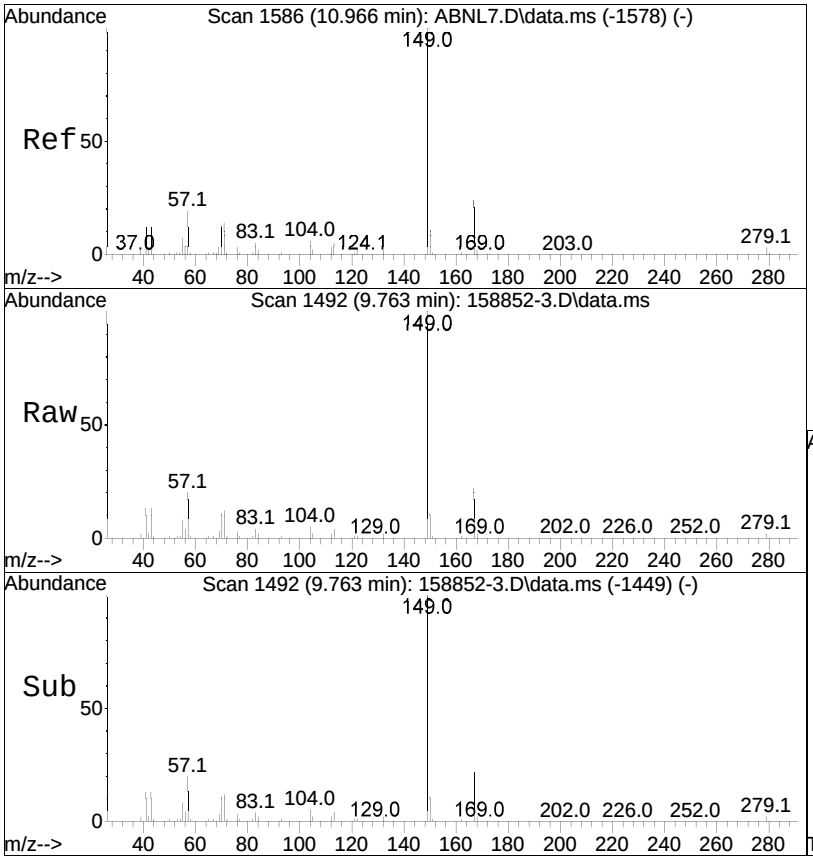


#107
Chrysene
Concen: 26.12 ug/ml
RT: 9.627 min Scan# 1469
Delta R.T. -0.006 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:228 Resp: 480002

Ion	Ratio	Lower	Upper
228	100		
226	32.4	26.2	39.4
229	19.7	16.7	25.1

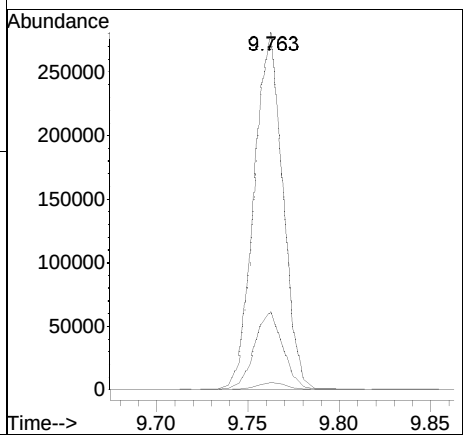


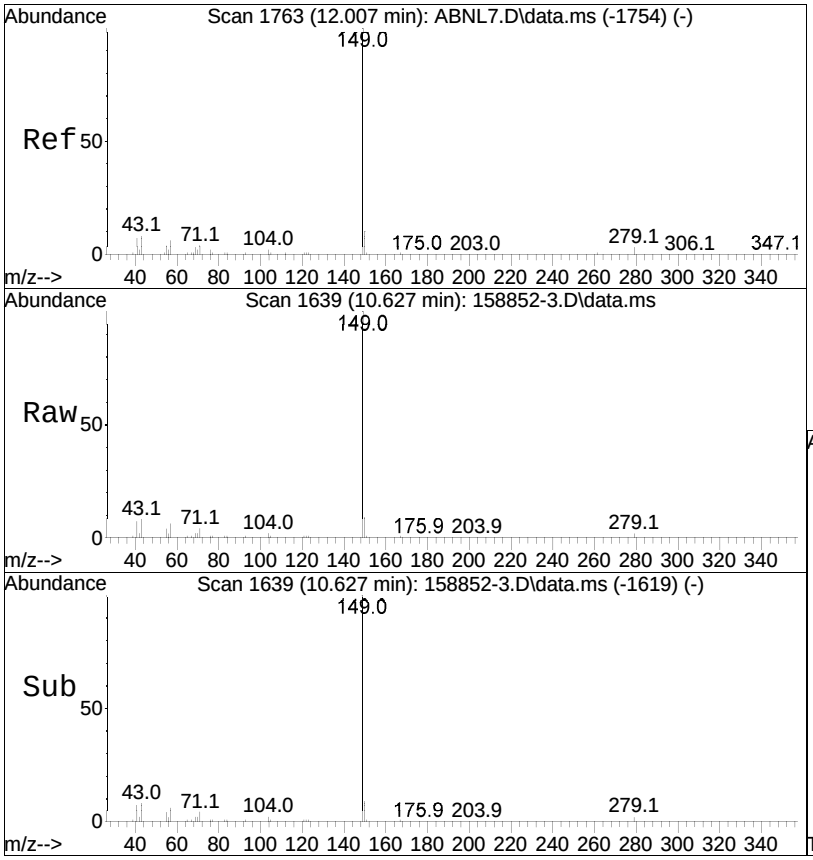


#108
Bis(2-ethylhexyl)phthalate
Concen: 34.34 ug/ml
RT: 9.763 min Scan# 1492
Delta R.T. 0.000 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:149 Resp: 304489

Ion	Ratio	Lower	Upper
149	100		
167	21.8	17.8	26.8
279	1.8	1.8	2.6

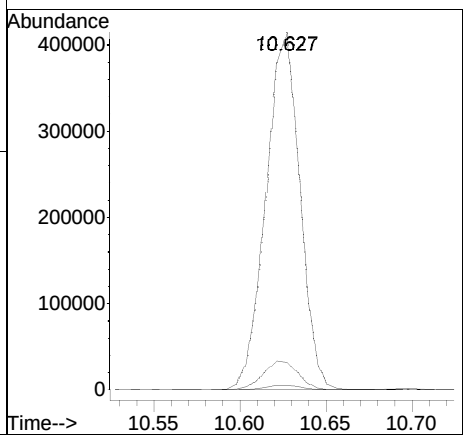


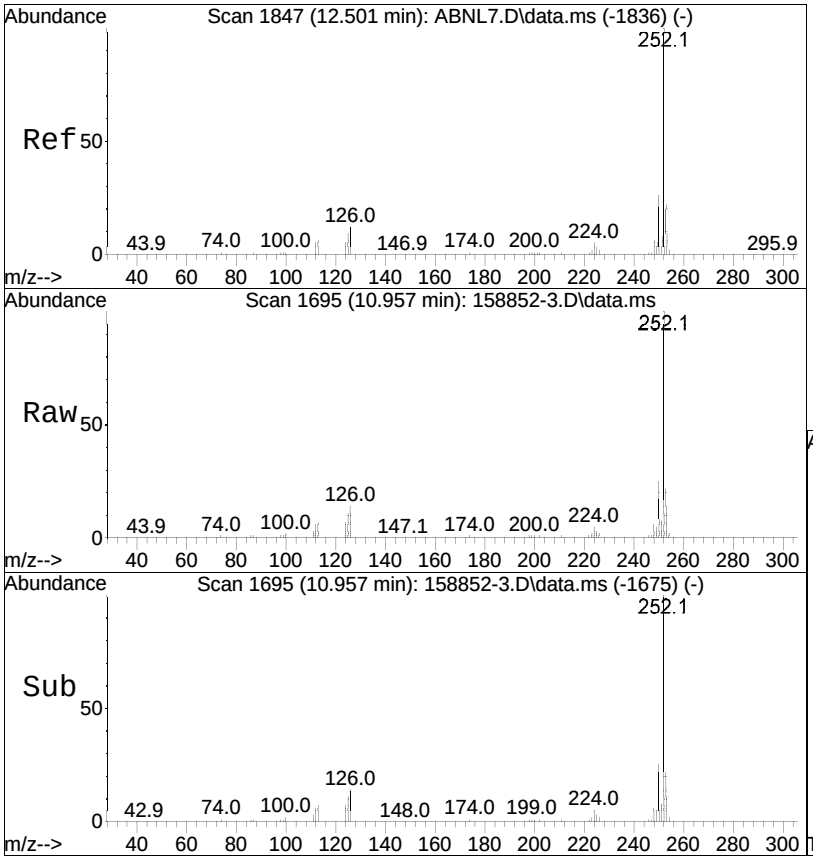


#109
Di-n-octylphthalate
Concen: 36.36 ug/ml
RT: 10.627 min Scan# 1639
Delta R.T. -0.006 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:149 Resp: 562789

Ion	Ratio	Lower	Upper
149	100		
43	8.5	7.4	11.2
167	1.3	1.1	1.7

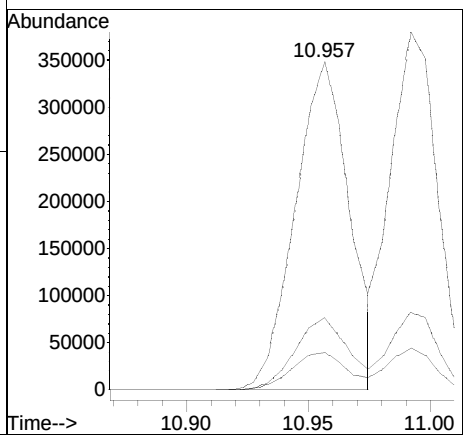


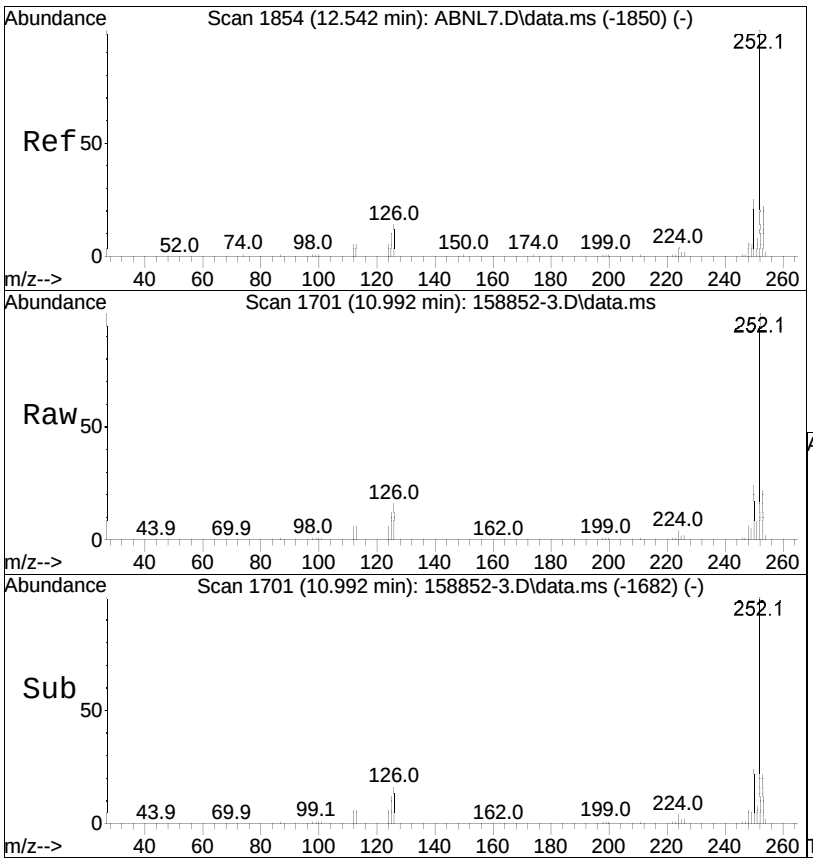


#110
Benzo(b)fluoranthene
Concen: 27.06 ug/ml
RT: 10.957 min Scan# 1695
Delta R.T. -0.006 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:252 Resp: 540170

Ion	Ratio	Lower	Upper
252	100		
125	11.9	11.1	16.7
253	21.7	17.4	26.2

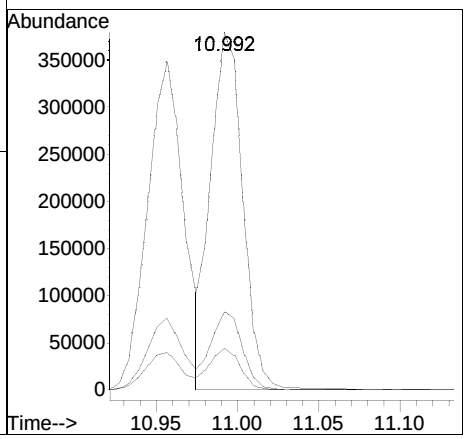


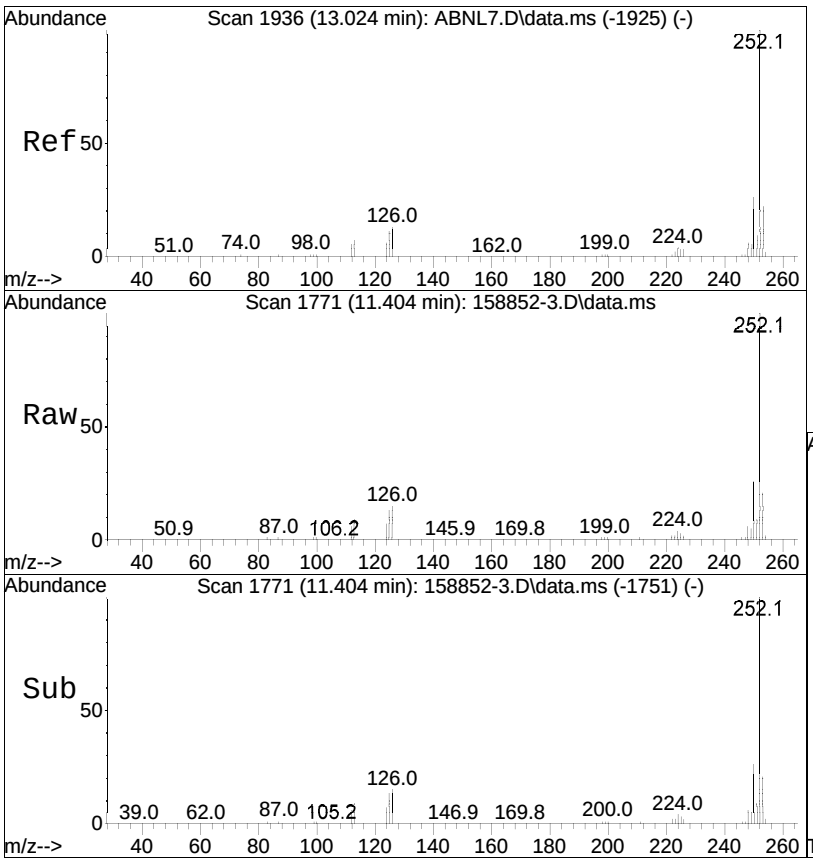


#111
Benzo(k)fluoranthene
Concen: 26.64 ug/ml
RT: 10.992 min Scan# 1701
Delta R.T. -0.012 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:252 Resp: 515944

Ion	Ratio	Lower	Upper
252	100		
125	11.4	12.3	18.5#
253	21.6	19.5	29.3

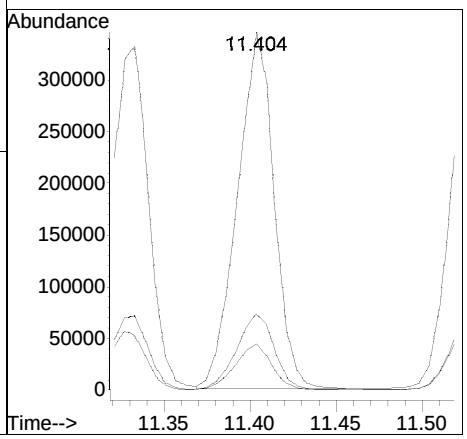


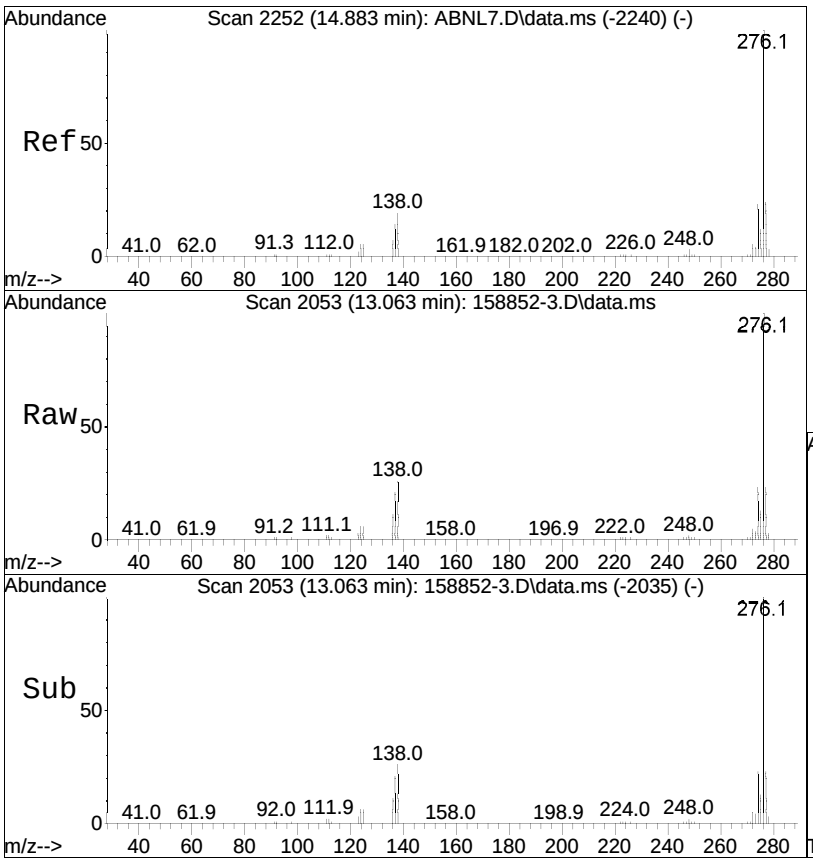


#112
Benzo(a)pyrene
Concen: 27.31 ug/ml
RT: 11.404 min Scan# 1771
Delta R.T. -0.006 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:252 Resp: 511273

Ion	Ratio	Lower	Upper
252	100		
125	12.8	12.6	19.0
253	21.6	18.2	27.4

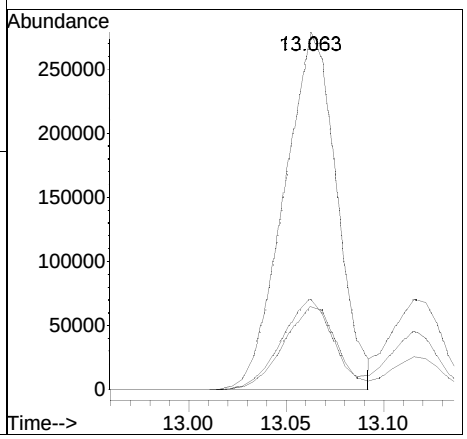


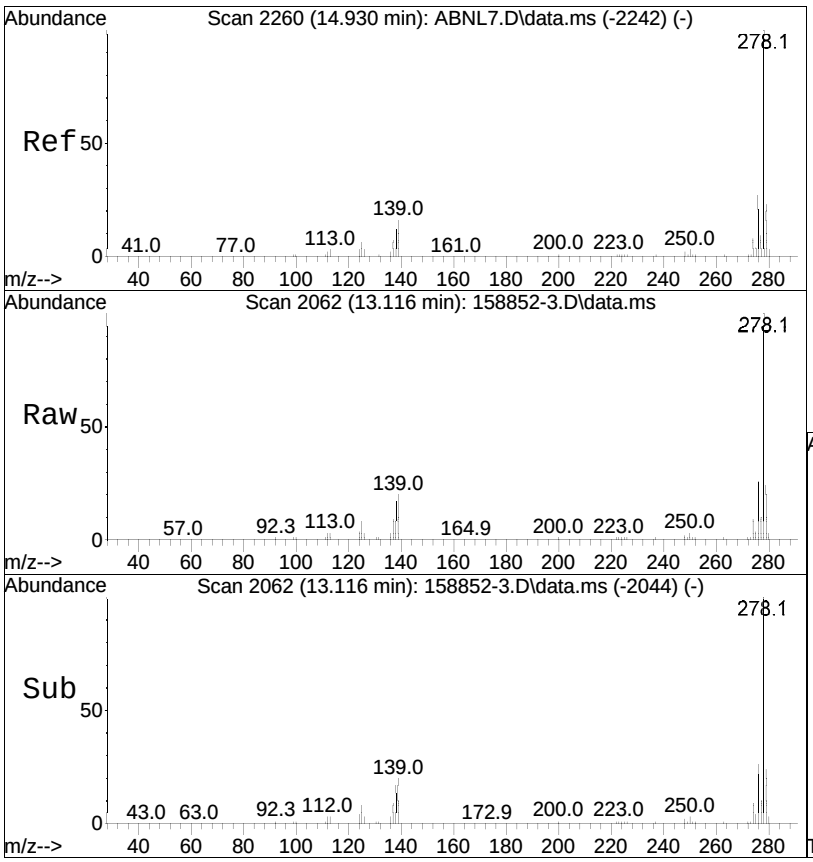


#114
Indeno(1,2,3-cd)pyrene
Concen: 26.18 ug/mL
RT: 13.063 min Scan# 2053
Delta R.T. -0.018 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:276 Resp: 521097

Ion	Ratio	Lower	Upper
276	100		
138	24.9	22.2	33.2
277	23.8	20.1	30.1

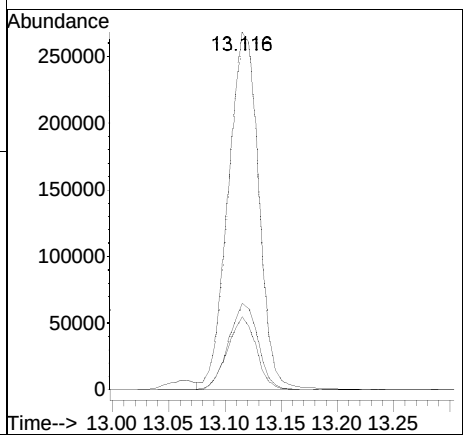


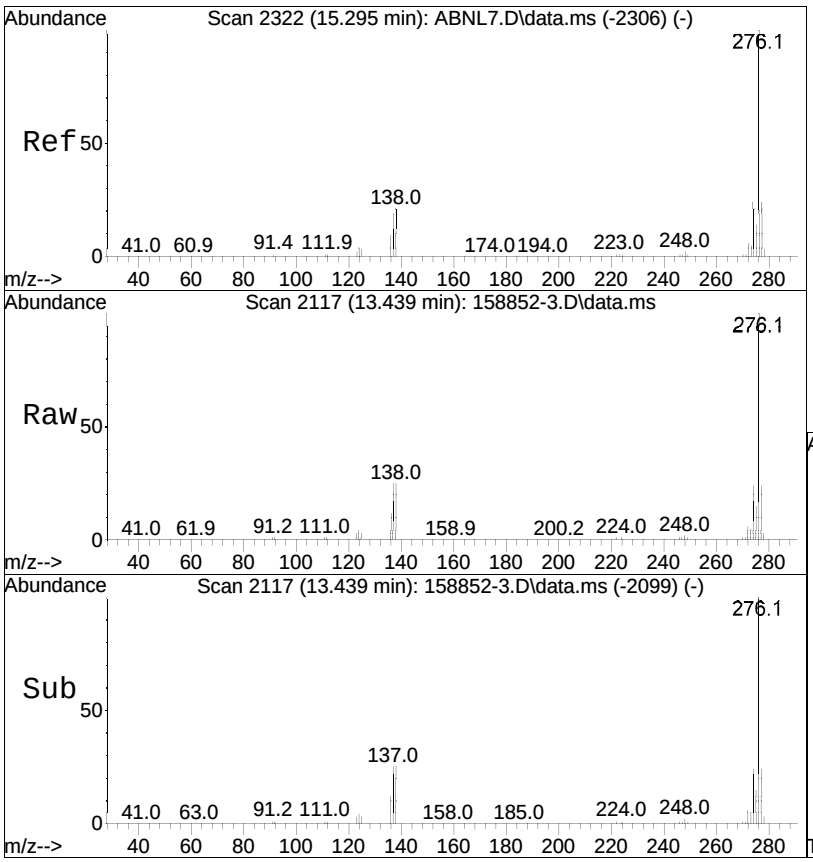


#115
Dibenzo(a,h)anthracene
Concen: 26.47 ug/ml
RT: 13.116 min Scan# 2062
Delta R.T. -0.018 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:278 Resp: 500928

Ion	Ratio	Lower	Upper
278	100		
139	19.5	17.4	26.2
279	24.0	19.7	29.5

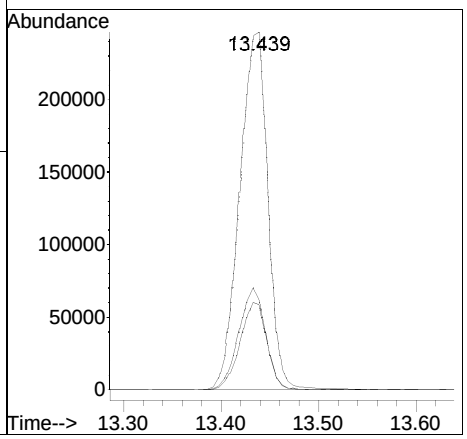




#116
Benzo(ghi)perylene
Concen: 25.56 ug/ml
RT: 13.439 min Scan# 2117
Delta R.T. -0.018 min
Lab File: 158852-3.D
Acq: 27 Dec 2025 11:02 am

Tgt Ion:276 Resp: 491407

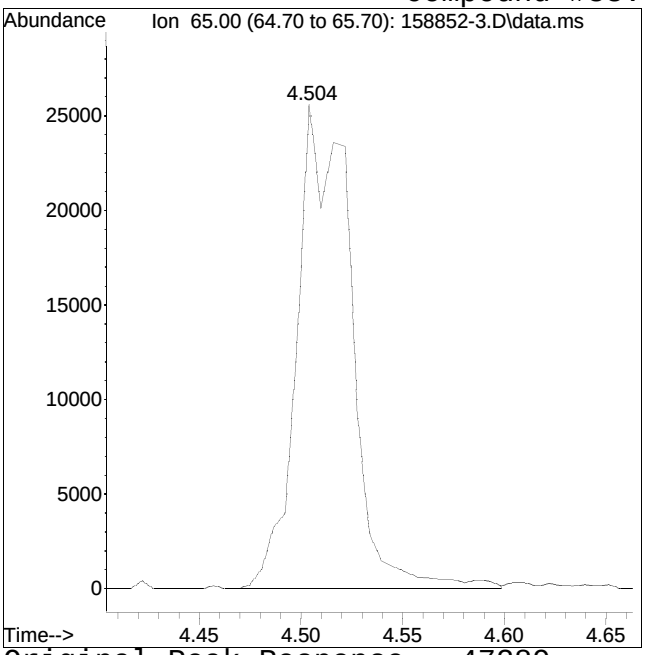
Ion	Ratio	Lower	Upper
276	100		
138	27.4	24.2	36.4
277	23.6	19.8	29.6

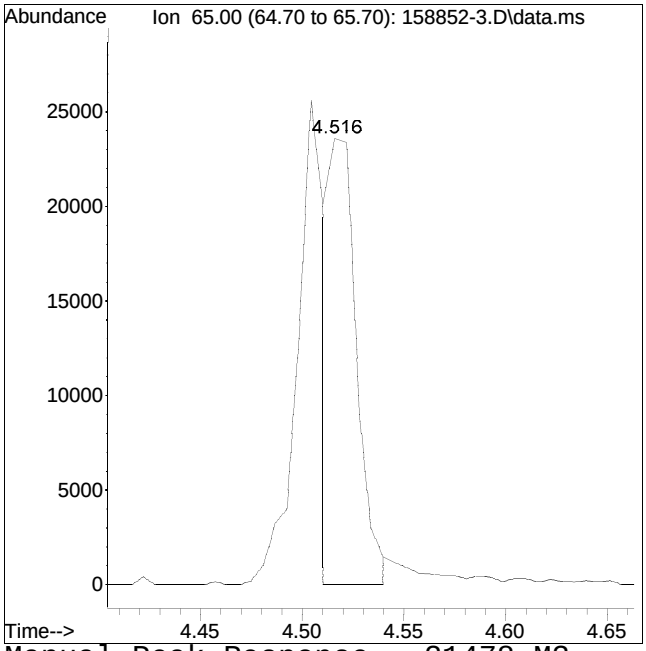


Manual Integration Report

Data Path	: I:\8270\Juliet\251227\	QMethod	: FS250614Juliet.m
Data File	: 158852-3.D	Operator	: Juliet:smz
Date Inj'd	: 12/27/2025 11:02 am	Instrument	: Juliet
Sample	: WG2158852-3,32,,gmr	Quant Date	: 12/27/2025 11:20 am

Compound #38: 4-Chloroaniline





Original Peak Response = 47289 Manual Peak Response = 21478 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\260103\
Data File : 160343-3.D
Acq On : 3 Jan 2026 9:30 am
Operator : SV103:cmm
Sample : WG2160343-3,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 04 18:23:17 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.432	152	203067	40.000	ug/ml		0.00
Standard Area 1 = 229319			Recovery = 88.55%				
27) IS2_1,4-Dichlorobenzen...	3.432	152	203067	40.000	ug/ml		0.00
Standard Area 3 = 206396			Recovery = 98.39%				
32) IS3_1,4-Dichlorobenzen...	3.432	152	203067	40.000	ug/ml		0.00
Standard Area 2 = 203595			Recovery = 99.74%				
35) IS1_Naphthalene-d8	4.713	136	791589	40.000	ug/ml		0.00
Standard Area 1 = 878891			Recovery = 90.07%				
55) IS2_Naphthalene-d8	4.713	136	791589	40.000	ug/ml		0.00
Standard Area 3 = 813634			Recovery = 97.29%				
63) IS1_Acenaphthene-d10	6.398	164	468120	40.000	ug/ml		0.00
Standard Area 1 = 498403			Recovery = 93.92%				
83) IS2_Acenaphthene-d10	6.398	164	468120	40.000	ug/ml		0.00
Standard Area 3 = 466338			Recovery = 100.38%				
86) IS3_Acenaphthene-d10	6.398	164	468120	40.000	ug/ml		0.00
Standard Area 2 = 454716			Recovery = 102.95%				
88) IS1_Phenanthrene-d10	7.796	188	901439	40.000	ug/ml	#	0.00
Standard Area 1 = 991330			Recovery = 90.93%				
100) IS3_Phenanthrene-d10	7.796	188	901439	40.000	ug/ml	#	0.00
Standard Area 2 = 916227			Recovery = 98.39%				
104) IS1_Chrysene-d12	10.305	240	811983	40.000	ug/ml		0.00
Standard Area 1 = 937828			Recovery = 86.58%				
113) IS1_Perylene-d12	11.751	264	926924	40.000	ug/ml		0.00
Standard Area 1 = 1017246			Recovery = 91.12%				
System Monitoring Compounds							
4) 2-Fluorophenol	1.923	112	249965	42.879	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 85.76%				
7) Phenol-d6	3.185	99	325353	45.445	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 90.89%				
19) Nitrobenzene-d5	4.026	82	145789	24.384	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 97.54%				
46) 2-Fluorobiphenyl	5.804	172	329731	19.970	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 79.88%				
79) 2,4,6-Tribromophenol	7.157	330	107163	45.531	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 91.06%				

Data Path : I:\8270\SV103\260103\
Data File : 160343-3.D
Acq On : 3 Jan 2026 9:30 am
Operator : SV103:cmm
Sample : WG2160343-3,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 04 18:23:17 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	9.370	244	435994	19.393	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 77.57%

Target Compounds						Qvalue
6) 2-Chlorophenol	3.216	128	232936	35.852	ug/ml	99
8) Phenol	3.196	94	300894	35.421	ug/ml#	95
9) Bis(2-chloroethyl)ether	3.224	93	207288	33.523	ug/ml#	57
14) Bis(2-chloroisopropyl)...	3.798	45	391790	45.410	ug/ml#	73
15) 2-Methylphenol	3.830	108	215452	37.867	ug/ml	99
16) Hexachloroethane	3.926	117	94175	33.423	ug/ml#	78
17) n-Nitrosodi-n-propylamine	3.935	70	176740	39.758	ug/ml	97
18) 3-Methylphenol/4-Methy...	3.997	108	245026	40.513	ug/ml#	51
20) Nitrobenzene	4.043	77	241889	38.581	ug/ml	98
21) Isophorone	4.310	82	460870	38.120	ug/ml	98
22) 2-Nitrophenol	4.367	139	124287	43.643	ug/ml	96
23) 2,4-Dimethylphenol	4.506	107	248040	38.804	ug/ml	98
24) Bis(2-chloroethoxy)met...	4.583	93	284135	35.926	ug/ml#	97
25) 2,4-Dichlorophenol	4.631	162	226115	38.938	ug/ml	96
28) Benzaldehyde	2.952	105	144888	27.807	ug/ml	92
29) Acetophenone	3.889	105	343926	38.386	ug/ml#	90
36) Naphthalene	4.730	128	656122	31.846	ug/ml	99
38) 4-Chloroaniline	4.847	65	72978	28.744	ug/ml#	38
39) Hexachlorobutadiene	4.892	225	128911	28.796	ug/ml	98
40) p-Chloro-m-cresol	5.398	107	223094	39.256	ug/ml	95
41) 2-Methylnaphthalene	5.418	142	427601	33.135	ug/ml	93
43) Hexachlorocyclopentadiene	5.580	237	130001	28.976	ug/ml	97
44) 2,4,6-Trichlorophenol	5.730	196	167253	38.426	ug/ml	96
45) 2,4,5-Trichlorophenol	5.770	196	185768	38.824	ug/ml	97
47) 2-Chloronaphthalene	5.875	162	471887	33.420	ug/ml	100
48) 2-Nitroaniline	6.020	138	162785	42.009	ug/ml	95
51) Dimethyl phthalate	6.248	163	587830	35.537	ug/ml	99
52) Acenaphthylene	6.256	152	798876	36.258	ug/ml	99
53) 2,6-Dinitrotoluene	6.285	165	122744	41.236	ug/ml	92
60) Caprolactam	5.193	55	150497M1	54.540	ug/ml	
61) 1,2,4,5-Tetrachloroben...	5.586	216	242754	32.524	ug/ml	99
62) Biphenyl	5.887	154	592645	35.020	ug/ml	99
64) 3-Nitroaniline	6.421	138	84537	22.653	ug/ml	93

Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\260103\
Data File : 160343-3.D
Acq On : 3 Jan 2026 9:30 am
Operator : SV103:cmm
Sample : WG2160343-3,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 04 18:23:17 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Acenaphthene	6.427	154	422235	32.242	ug/ml	94
66) 2,4-Dinitrophenol	6.543	184	74630	44.068	ug/ml	89
67) Dibenzofuran	6.600	168	691712	32.282	ug/ml	92
68) 2,4-Dinitrotoluene	6.665	165	172188	40.260	ug/ml#	83
69) 4-Nitrophenol	6.677	65	108394	41.190	ug/ml	95
71) 2,3,4,6-Tetrachlorophenol	6.753	232	147731	36.071	ug/ml	99
72) Diethyl phthalate	6.930	149	600954	35.759	ug/ml	99
73) Fluorene	6.921	166	558123	33.378	ug/ml	97
74) 4-Chlorophenyl phenyl ...	6.969	204	264602	31.130	ug/ml#	88
75) 4-Nitroaniline	7.003	138	132697	38.061	ug/ml	91
76) 4,6-Dinitro-o-cresol	7.052	198	104034	47.820	ug/ml	84
77) NDPA/DPA	7.097	169	469061	32.922	ug/ml	96
80) 4-Bromophenyl phenyl e...	7.421	248	171947	31.865	ug/ml#	90
81) Hexachlorobenzene	7.438	284	199455	31.890	ug/ml	98
82) Pentachlorophenol	7.657	266	113763	30.653	ug/ml	99
87) Atrazine	7.665	200	186349	43.145	ug/ml#	89
89) Phenanthrene	7.816	178	827059	32.884	ug/ml	98
90) Anthracene	7.864	178	843157	33.782	ug/ml	98
91) Carbazole	8.060	167	807647	35.698	ug/ml	98
92) Di-n-butylphthalate	8.501	149	1041022	40.688	ug/ml	99
93) Fluoranthene	8.938	202	962095	34.137	ug/ml	98
95) Pyrene	9.137	202	1006388	33.825	ug/ml	99
97) Butyl benzyl phthalate	9.907	149	474986	41.869	ug/ml	94
105) Benzo(a)anthracene	10.297	228	1000010	37.194	ug/ml	99
106) 3,3'-Dichlorobenzidine	10.331	252	233539	23.283	ug/ml#	96
107) Chrysene	10.328	228	902204	35.661	ug/ml	97
108) Bis(2-ethylhexyl)phtha...	10.521	149	686715	47.435	ug/ml#	98
109) Di-n-octylphthalate	11.200	149	1192599	41.575	ug/ml	97
110) Benzo(b)fluoranthene	11.365	252	957124	36.606	ug/ml	97
111) Benzo(k)fluoranthene	11.396	252	948778	37.175	ug/ml	97
112) Benzo(a)pyrene	11.686	252	916389	37.816	ug/ml	96
114) Indeno(1,2,3-cd)pyrene	12.831	276	914010	36.768	ug/mL	96
115) Dibenzo(a,h)anthracene	12.871	278	896583	35.854	ug/ml	96
116) Benzo(ghi)perylene	13.073	276	856558	34.659	ug/ml#	91

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

Data Path : I:\8270\SV103\260103\
Data File : 160343-3.D
Acq On : 3 Jan 2026 9:30 am
Operator : SV103:cmm
Sample : WG2160343-3,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 04 18:23:17 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\SV103\260103\ABN0103.D
: 2 - I:\8270\SV103\260103\ADP0103.D
: 3 - I:\8270\SV103\260103\AP90103.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

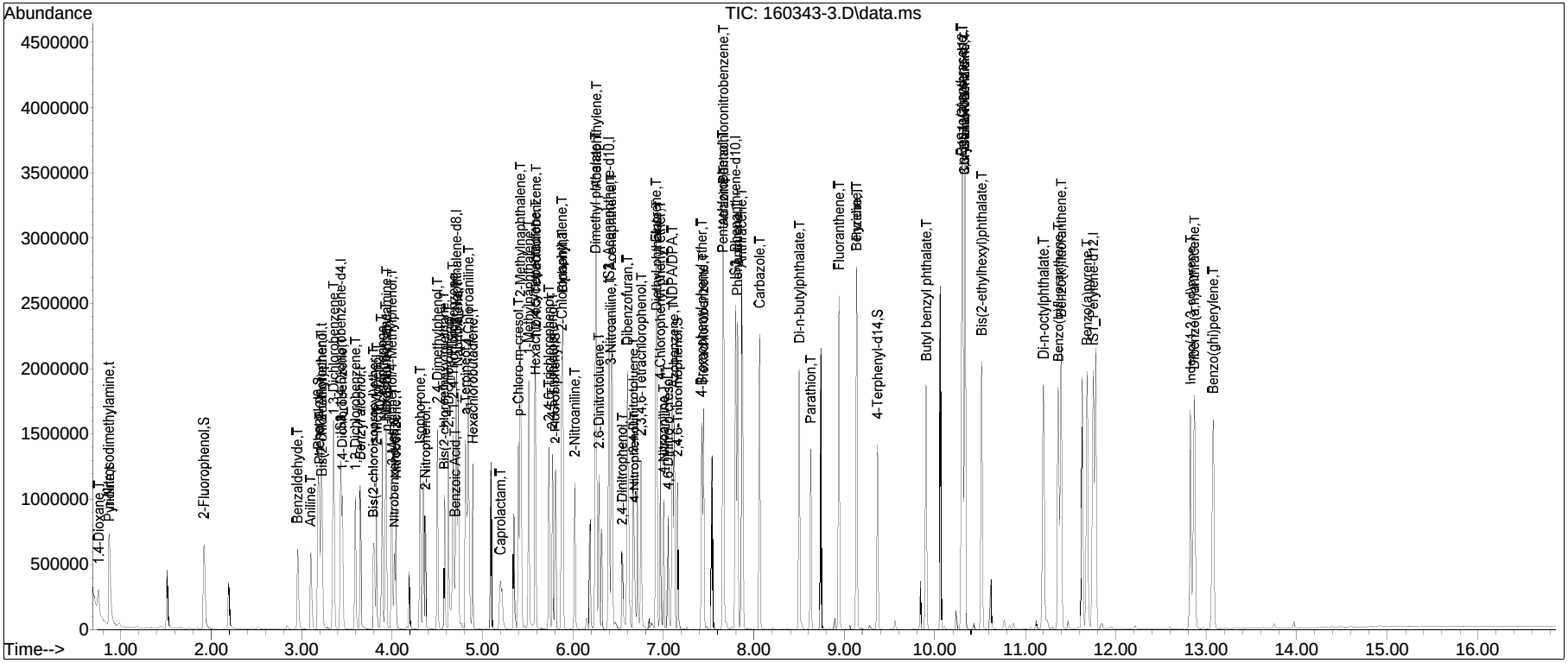
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

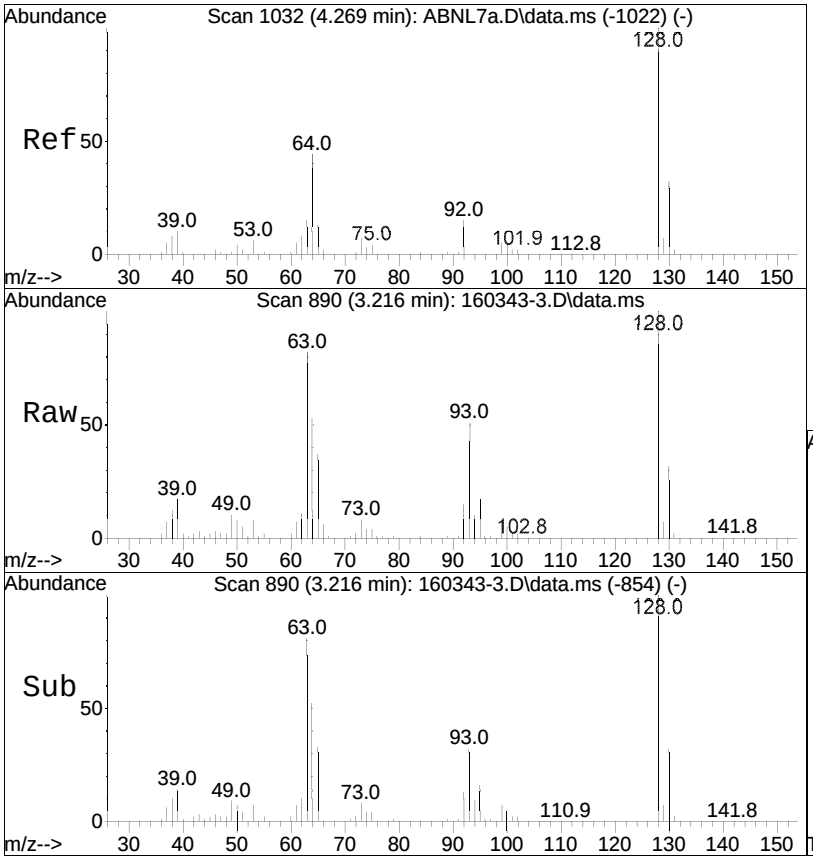
Quantitation Report (QT Reviewed)

Data Path : I:\8270\SV103\260103\
Data File : 160343-3.D
Acq On : 3 Jan 2026 9:30 am
Operator : SV103:cmm
Sample : WG2160343-3,32,,gmr
Misc : WG2161293,WG2160343,ical22827
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 04 18:23:17 2026
Quant Method : I:\8270\SV103\260103\FS251116SV103.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Sat Jan 03 08:38:28 2026
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MA\AP90103.D•

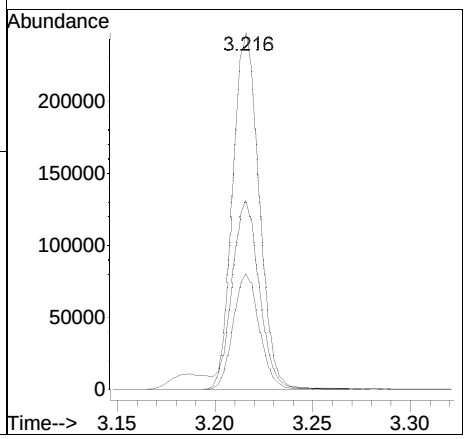


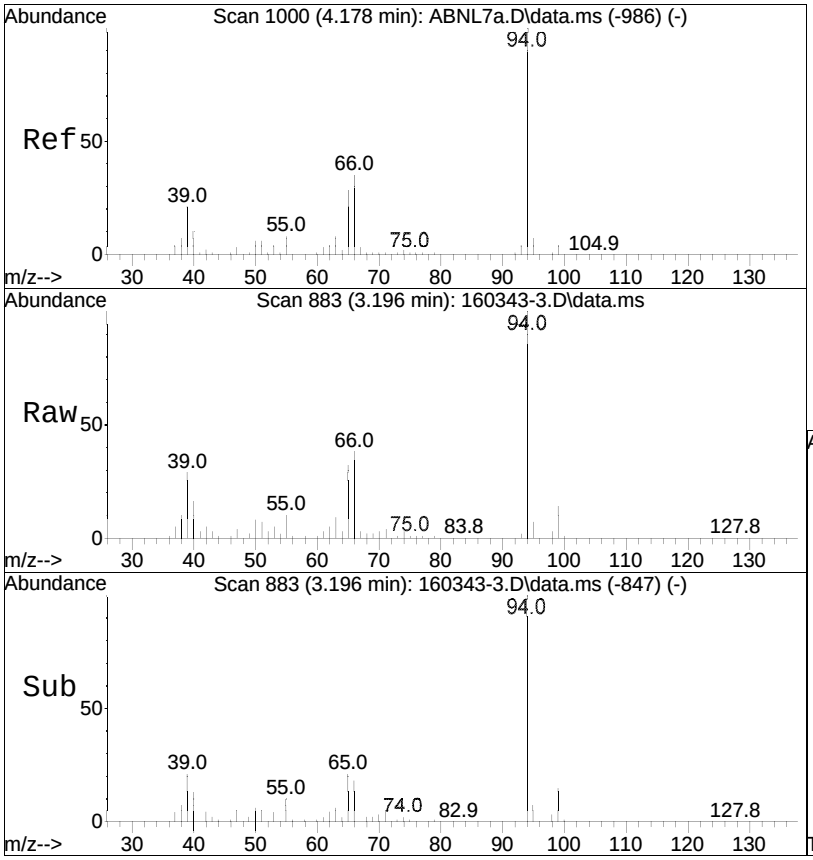


#6
2-Chlorophenol
Concen: 35.85 ug/ml
RT: 3.216 min Scan# 890
Delta R.T. 0.003 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:128 Resp: 232936

Ion	Ratio	Lower	Upper
128	100		
64	54.3	42.7	64.1
130	32.3	25.8	38.6

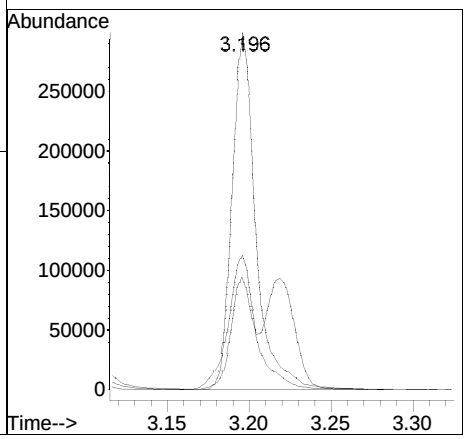


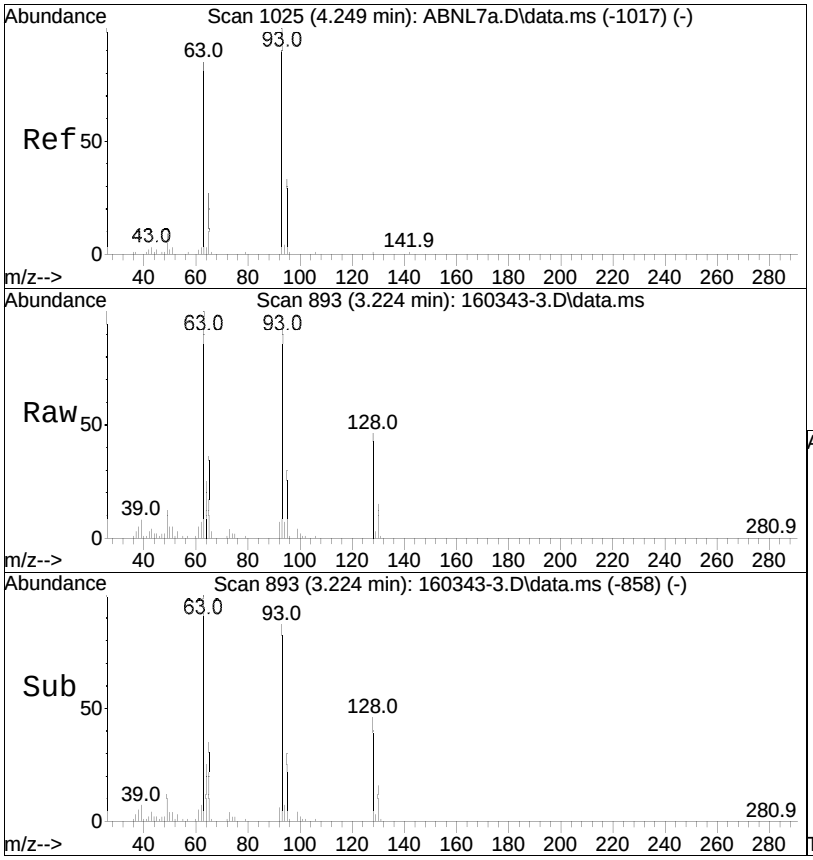


#8
Phenol
Concen: 35.42 ug/ml
RT: 3.196 min Scan# 883
Delta R.T. 0.003 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion: 94 Resp: 300894

Ion	Ratio	Lower	Upper
94	100		
65	28.1	20.5	30.7
66	43.5	0.0	0.0#

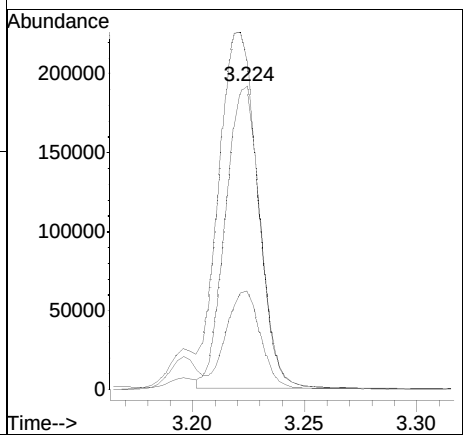


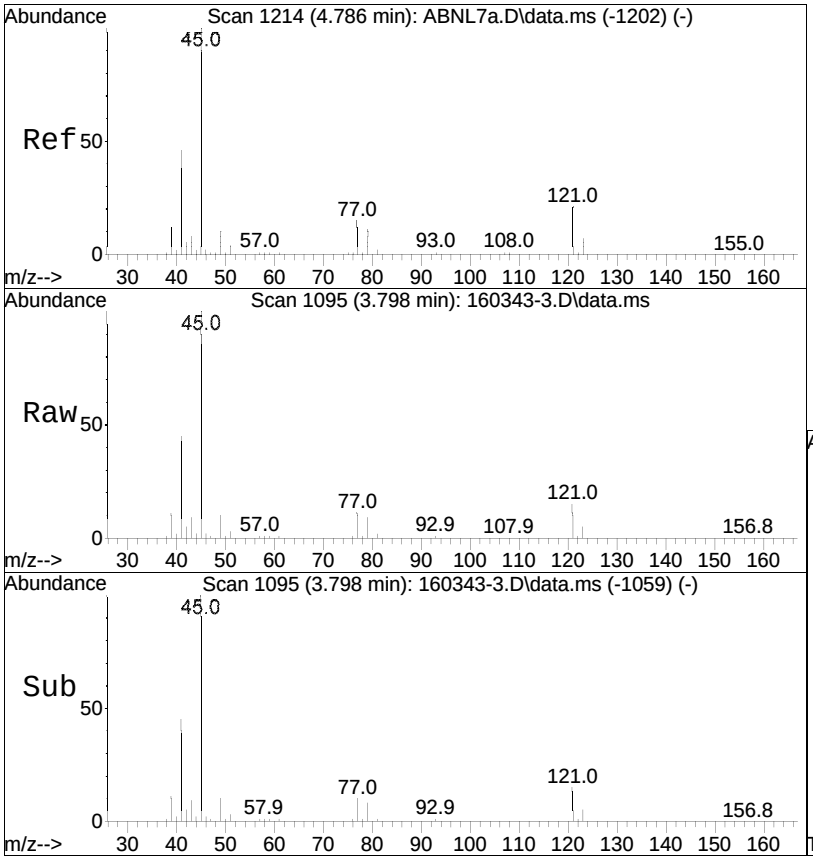


#9
Bis(2-chloroethyl)ether
Concen: 33.52 ug/ml
RT: 3.224 min Scan# 893
Delta R.T. -0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion: 93 Resp: 207288

Ion	Ratio	Lower	Upper
93	100		
63	142.4	70.4	105.6#
95	32.1	25.8	38.6

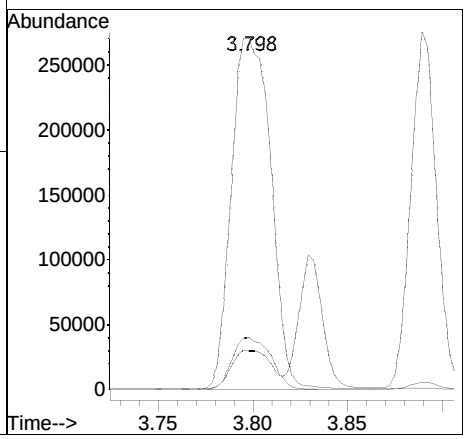


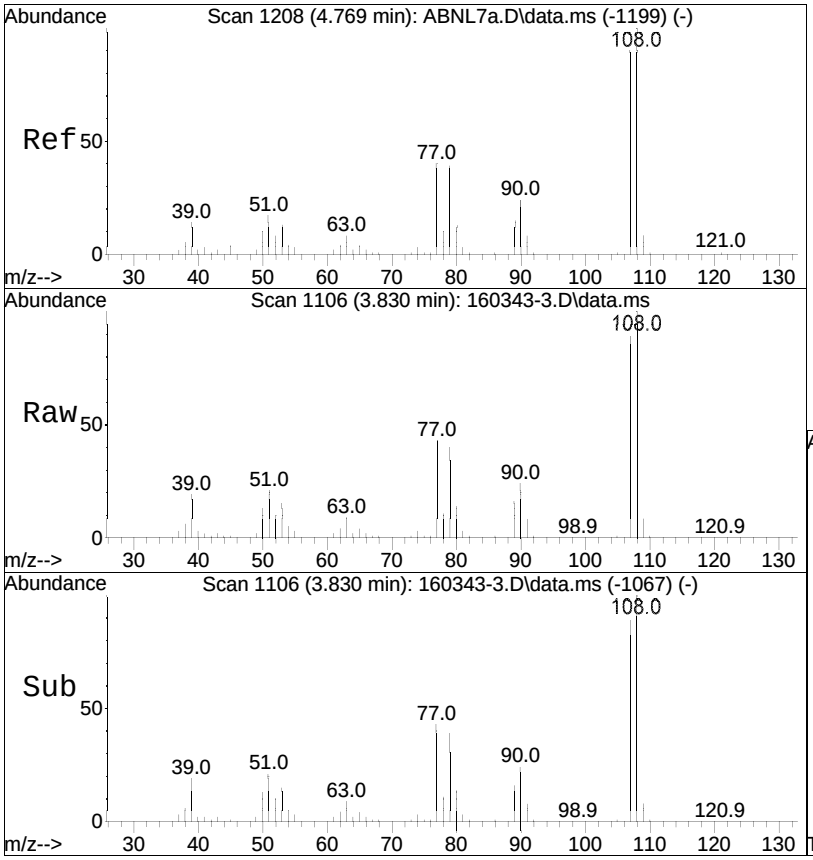


#14
Bis(2-chloroisopropyl)ether
Concen: 45.41 ug/ml
RT: 3.798 min Scan# 1095
Delta R.T. 0.003 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion: 45 Resp: 391790

Ion	Ratio	Lower	Upper
45	100		
121	14.4	12.6	19.0
77	11.0	26.4	39.6#

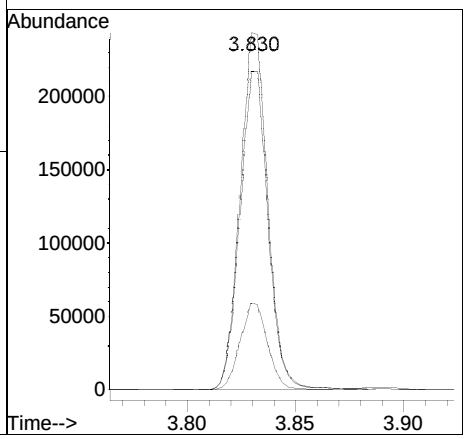


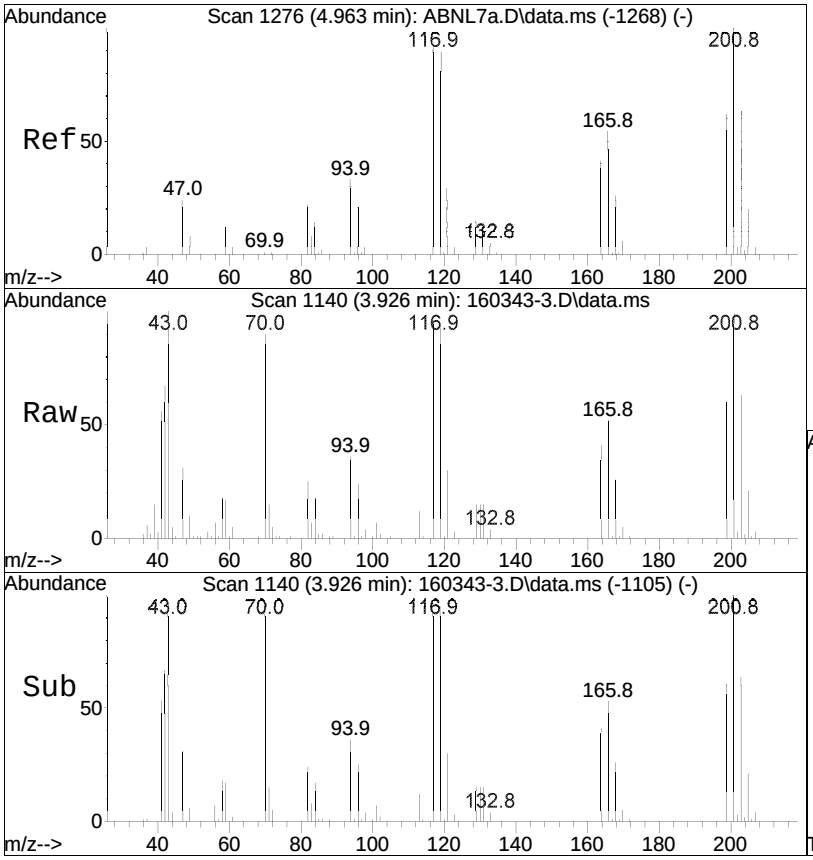


#15
2-Methylphenol
Concen: 37.87 ug/ml
RT: 3.830 min Scan# 1106
Delta R.T. 0.011 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:108 Resp: 215452

Ion	Ratio	Lower	Upper
108	100		
107	90.0	72.8	109.2
90	24.5	20.2	30.4

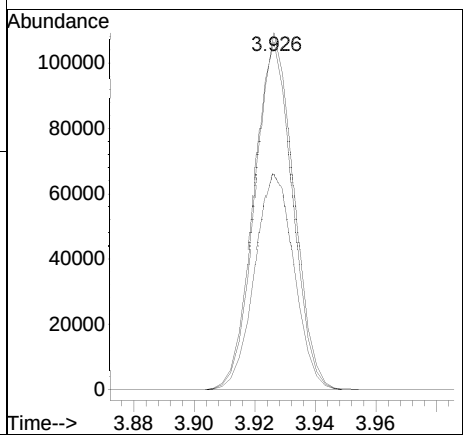


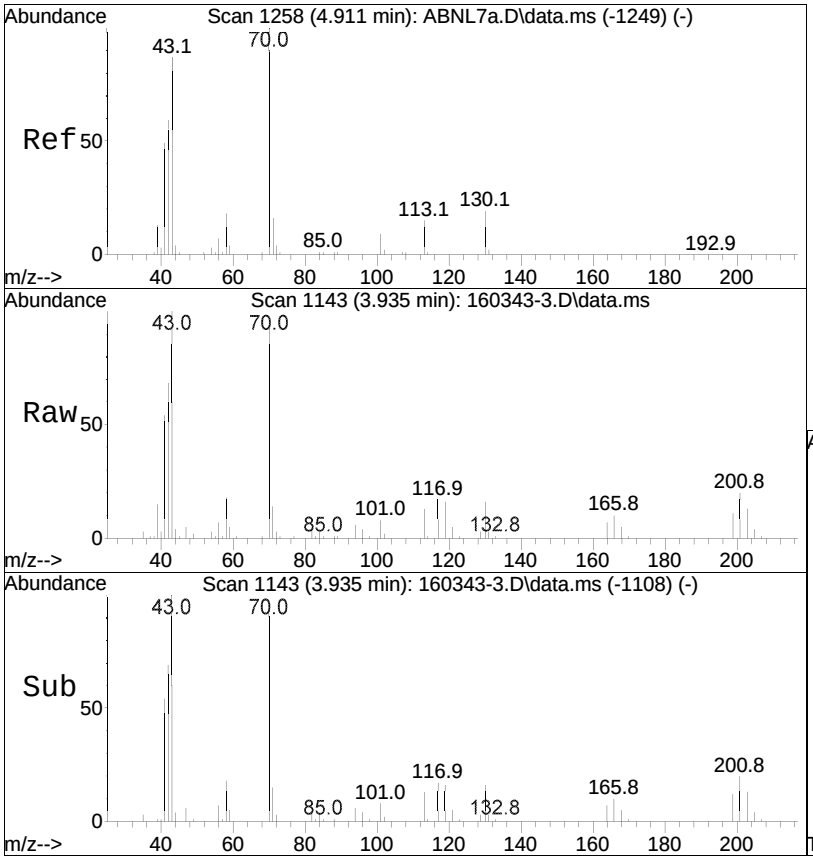


#16
Hexachloroethane
Concen: 33.42 ug/ml
RT: 3.926 min Scan# 1140
Delta R.T. -0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:117 Resp: 94175

Ion	Ratio	Lower	Upper
117	100		
201	101.7	64.5	96.7#
199	63.3	40.3	60.5#

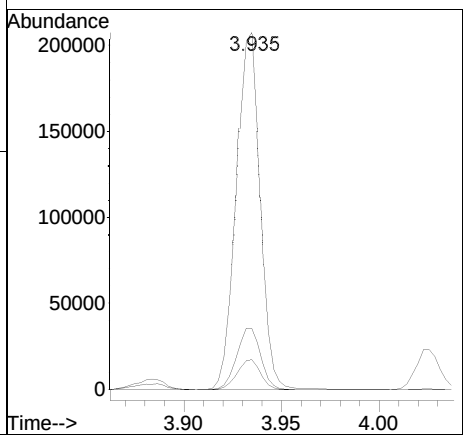


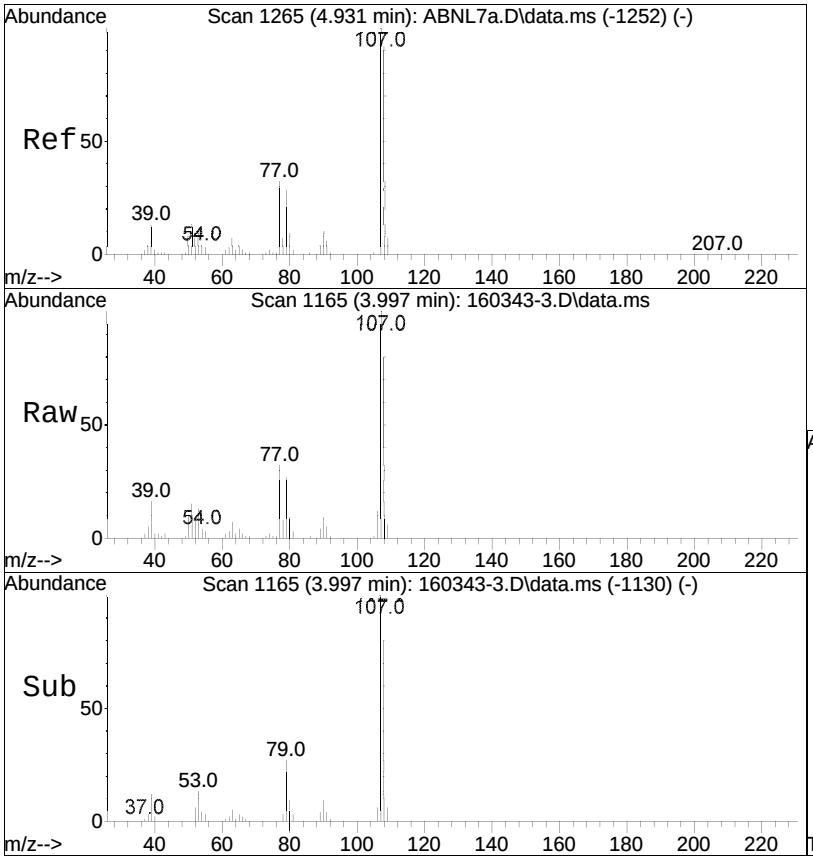


#17
n-Nitrosodi-n-propylamine
Concen: 39.76 ug/ml
RT: 3.935 min Scan# 1143
Delta R.T. -0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion: 70 Resp: 176740

Ion	Ratio	Lower	Upper
70	100		
130	17.2	15.0	22.4
101	8.2	7.4	11.0

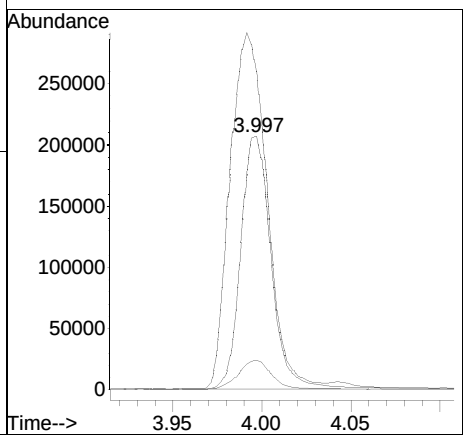


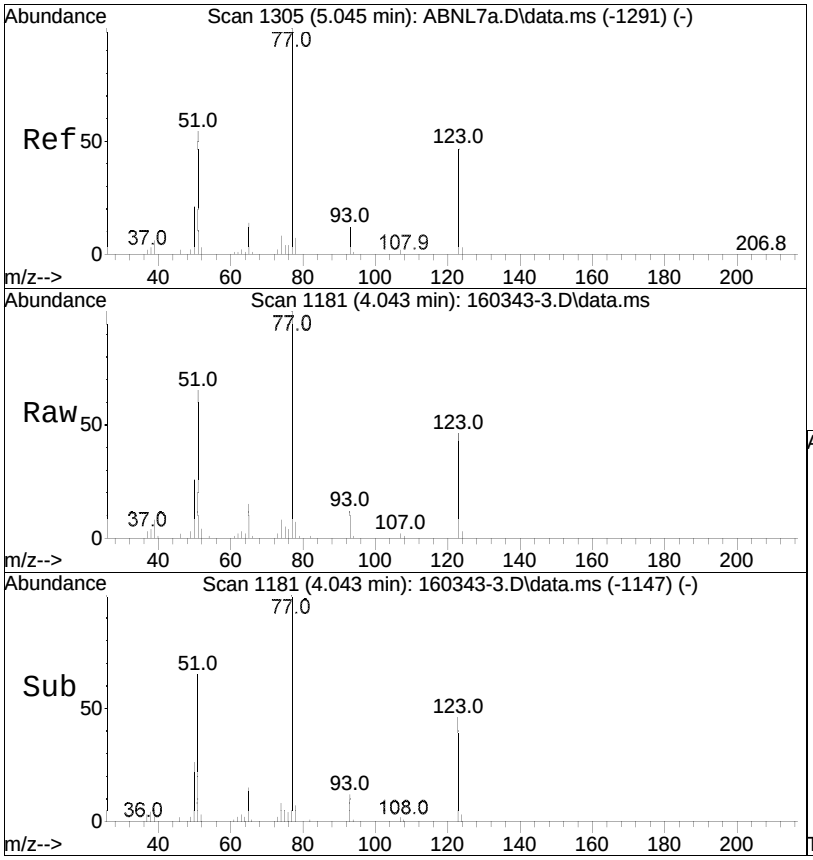


#18
3-Methylphenol/4-Methylphenol
Concen: 40.51 ug/ml
RT: 3.997 min Scan# 1165
Delta R.T. -0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:108 Resp: 245026

Ion	Ratio	Lower	Upper
108	100		
107	170.7	90.4	135.6#
90	12.8	9.2	13.8

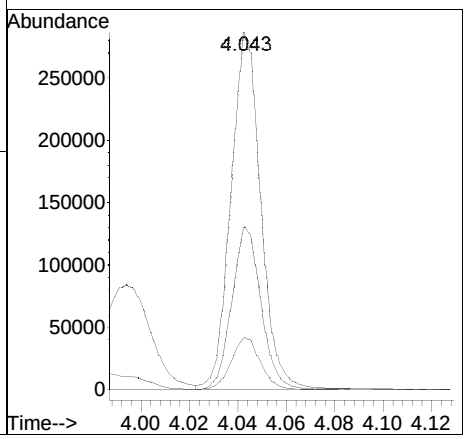


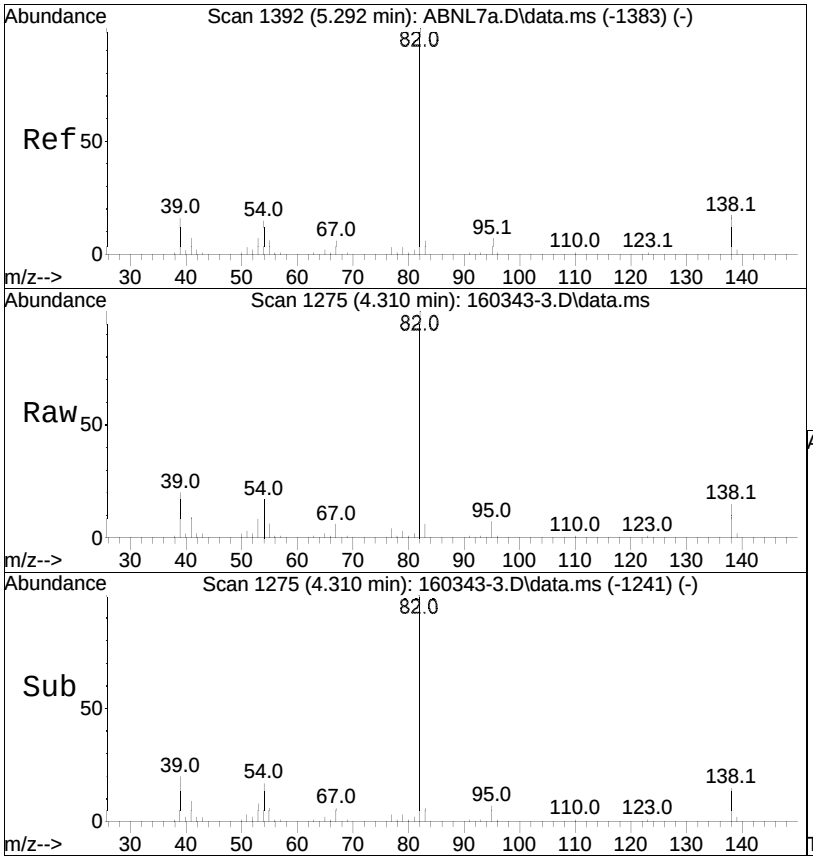


#20
Nitrobenzene
Concen: 38.58 ug/ml
RT: 4.043 min Scan# 1181
Delta R.T. -0.003 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion: 77 Resp: 241889

Ion	Ratio	Lower	Upper
77	100		
123	45.3	35.0	52.4
65	14.8	11.5	17.3

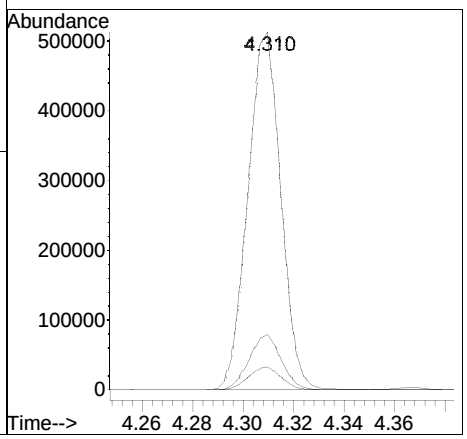


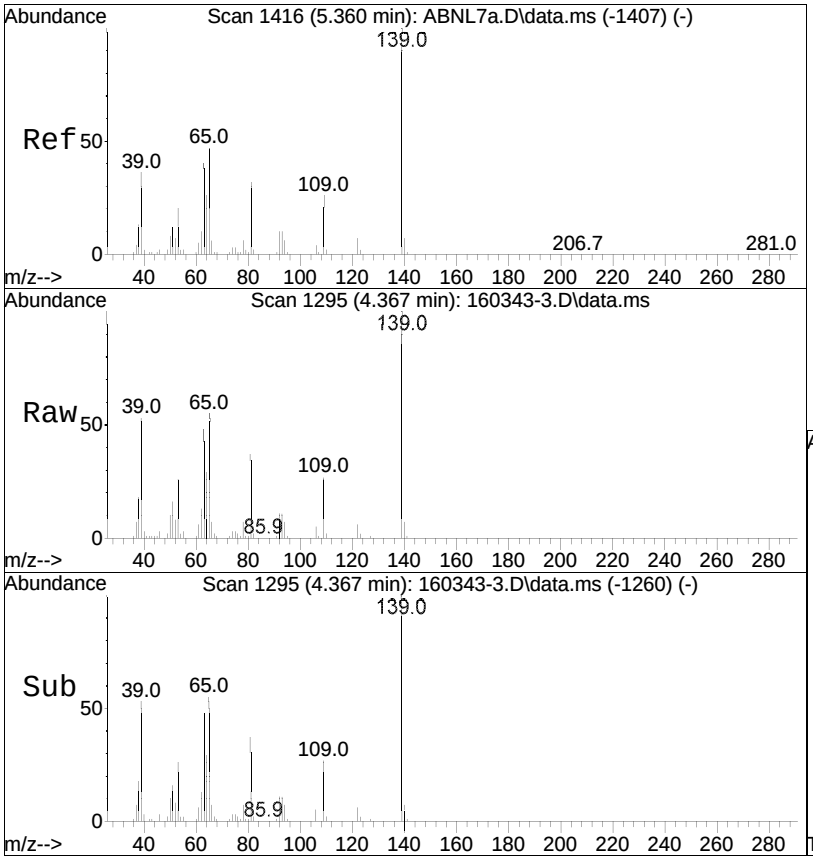


#21
Isophorone
Concen: 38.12 ug/ml
RT: 4.310 min Scan# 1275
Delta R.T. -0.003 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion: 82 Resp: 460870

Ion	Ratio	Lower	Upper
82	100		
138	15.2	12.8	19.2
95	6.5	5.5	8.3

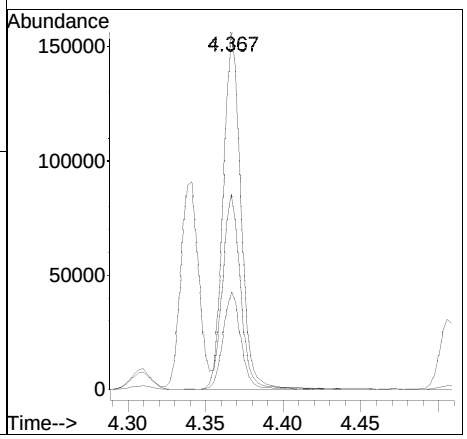


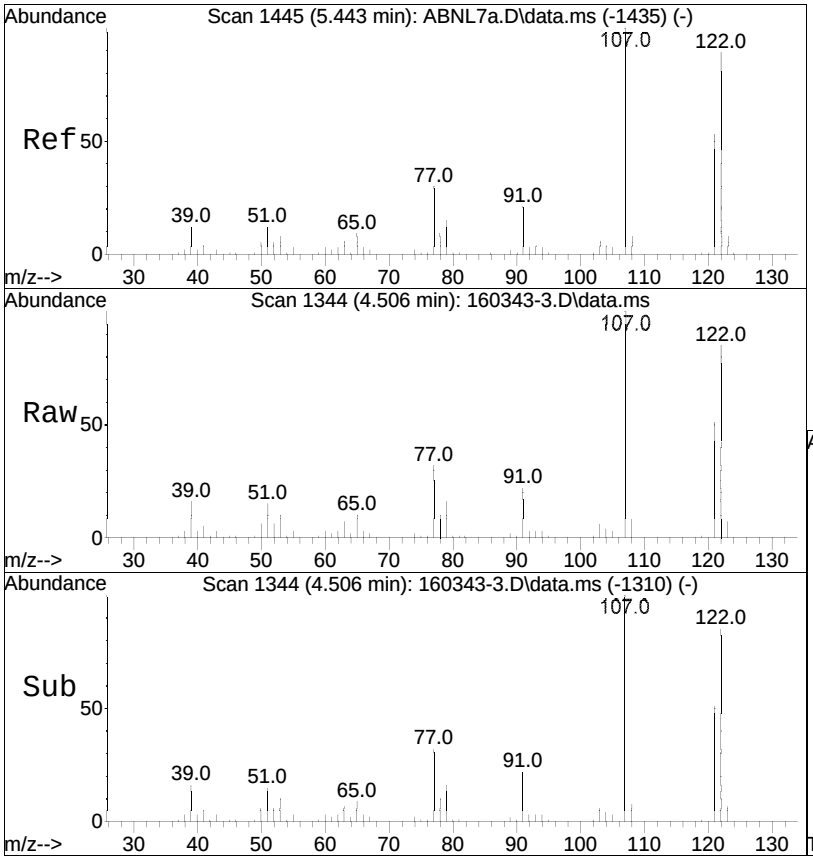


#22
2-Nitrophenol
Concen: 43.64 ug/ml
RT: 4.367 min Scan# 1295
Delta R.T. -0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:139 Resp: 124287

Ion	Ratio	Lower	Upper
139	100		
109	27.7	24.8	37.2
65	54.7	45.5	68.3

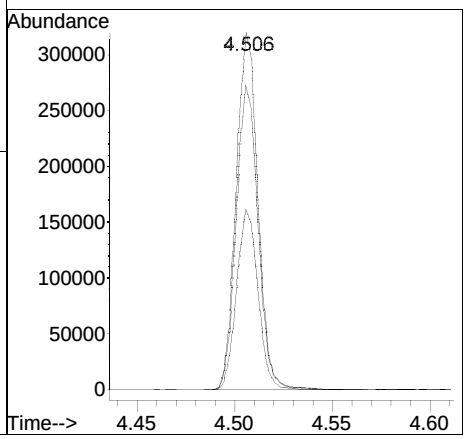


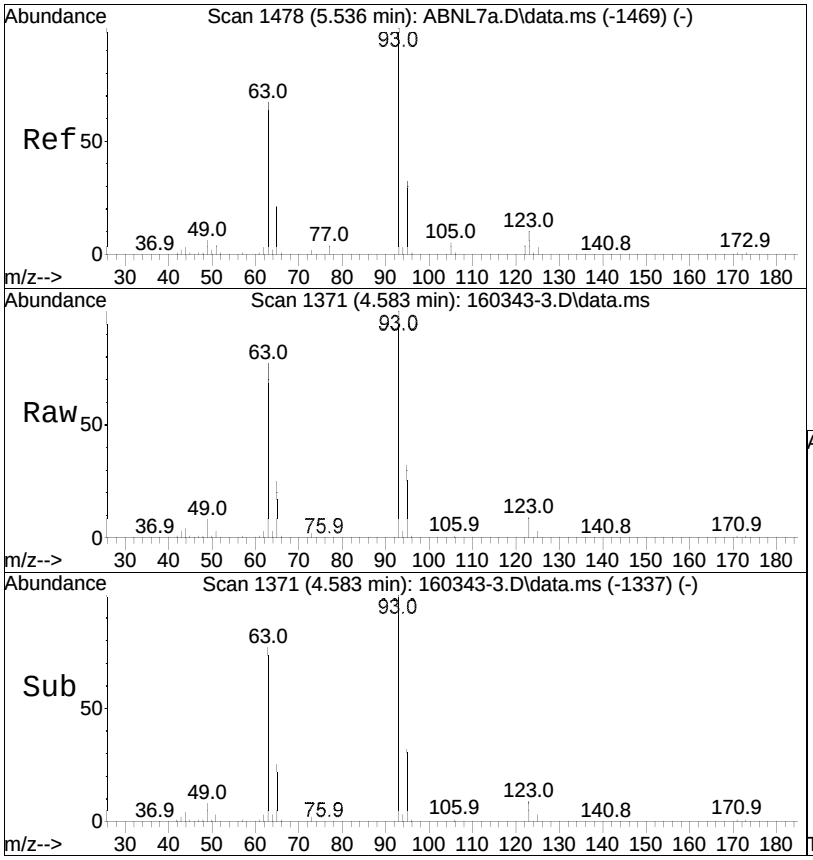


#23
2,4-Dimethylphenol
Concen: 38.80 ug/ml
RT: 4.506 min Scan# 1344
Delta R.T. -0.003 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:107 Resp: 248040

Ion	Ratio	Lower	Upper
107	100		
121	50.1	39.7	59.5
122	85.7	66.8	100.2

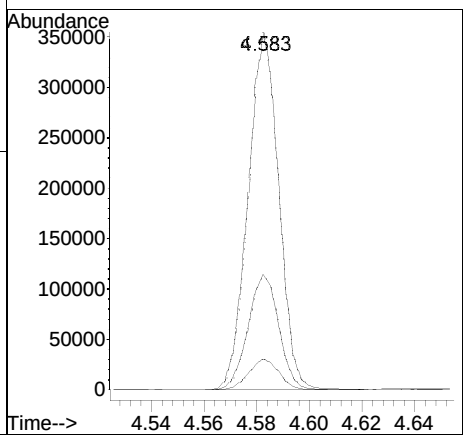


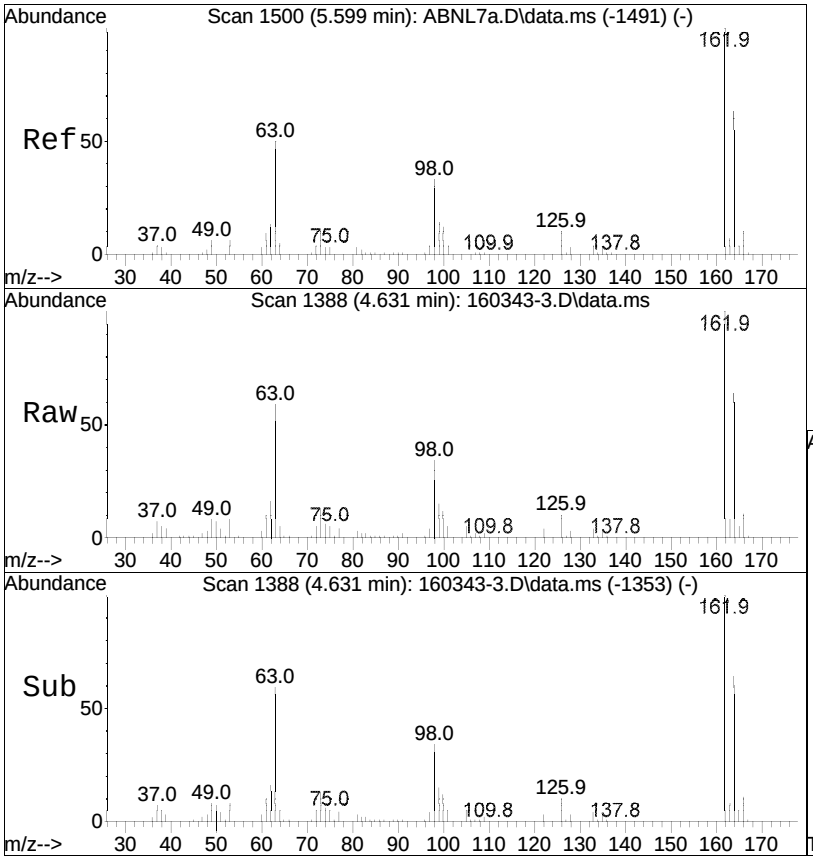


#24
Bis(2-chloroethoxy)methane
Concen: 35.93 ug/ml
RT: 4.583 min Scan# 1371
Delta R.T. -0.003 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion: 93 Resp: 284135

Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.1	39.1
123	8.5	9.8	14.8#

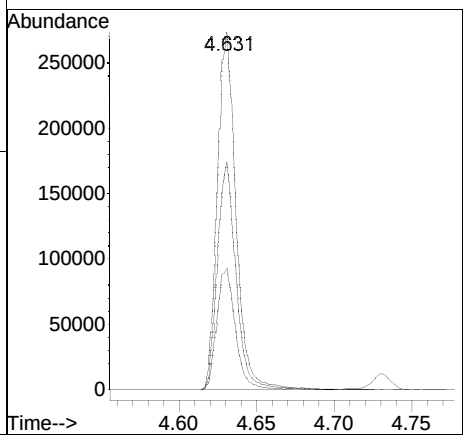


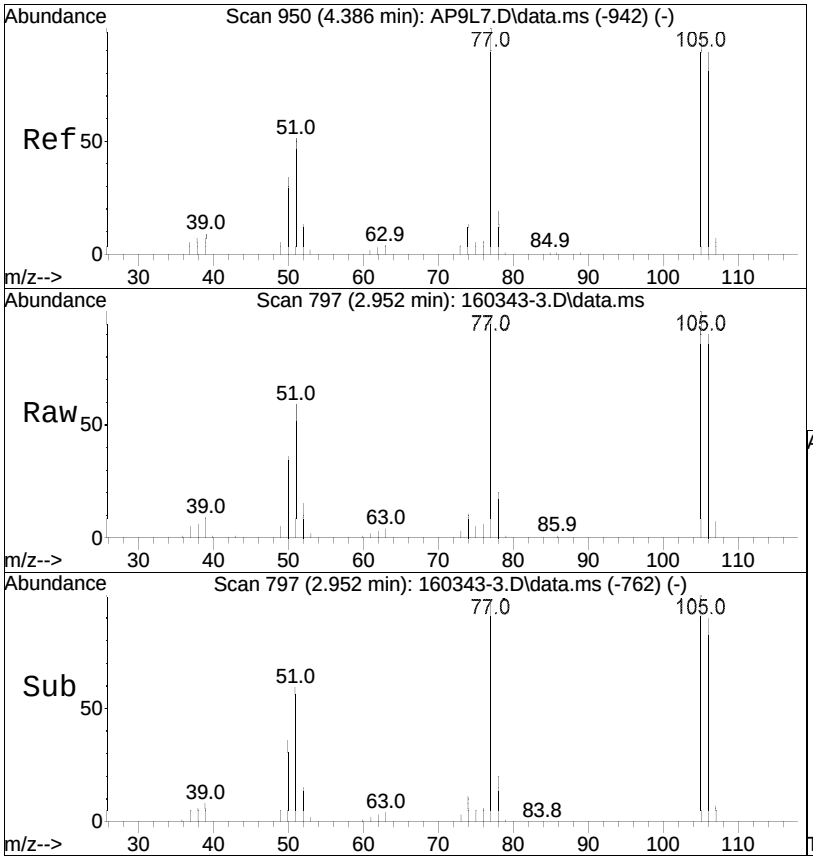


#25
2,4-Dichlorophenol
Concen: 38.94 ug/ml
RT: 4.631 min Scan# 1388
Delta R.T. -0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:162 Resp: 226115

Ion	Ratio	Lower	Upper
162	100		
164	63.6	50.4	75.6
98	33.8	31.6	47.4

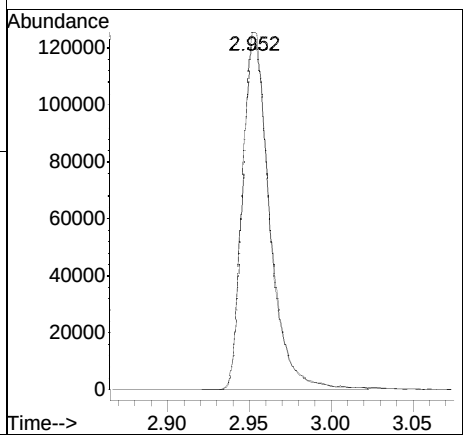


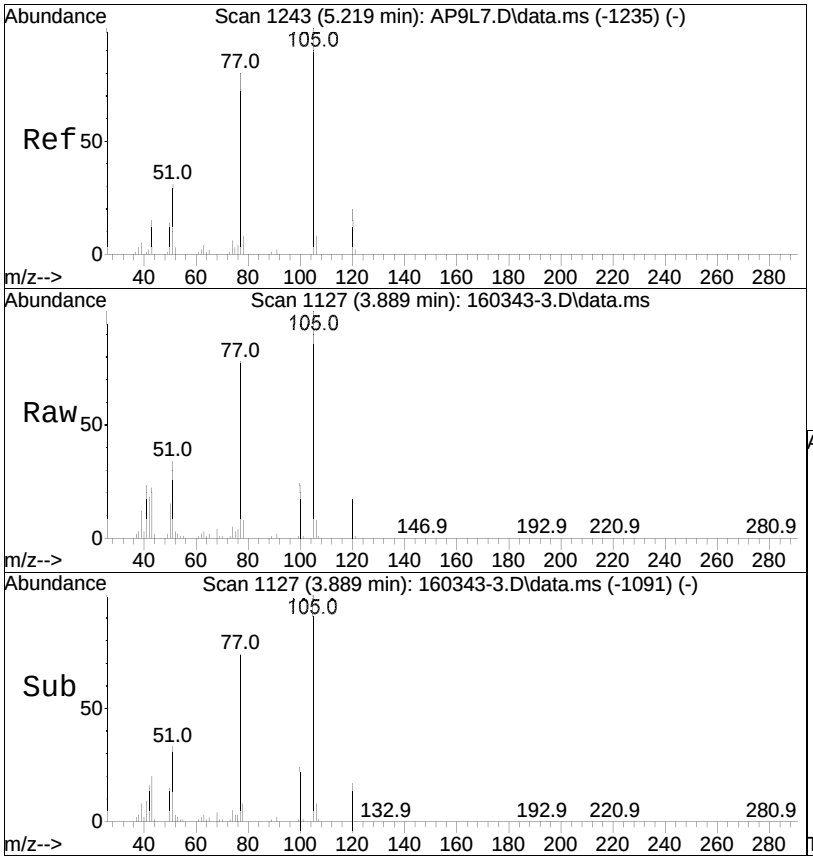


#28
Benzaldehyde
Concen: 27.81 ug/ml
RT: 2.952 min Scan# 797
Delta R.T. 0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:105 Resp: 144888

Ion	Ratio	Lower	Upper
105	100		
77	97.9	72.0	108.0

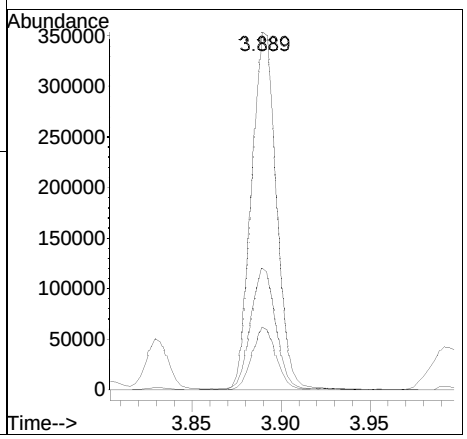


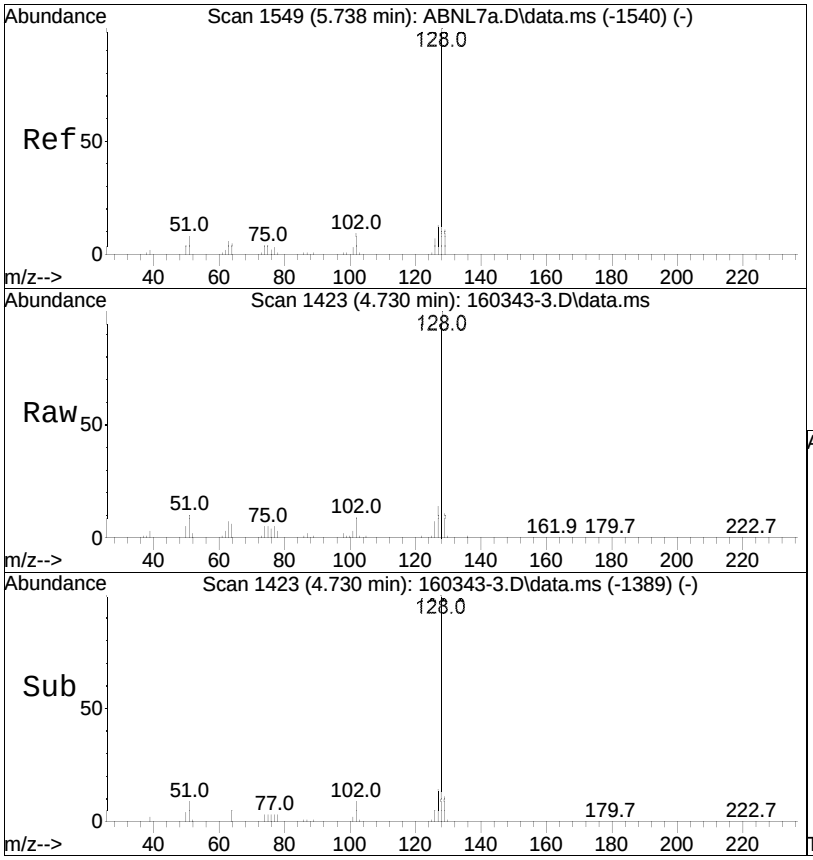


#29
Acetophenone
Concen: 38.39 ug/ml
RT: 3.889 min Scan# 1127
Delta R.T. 0.003 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:105 Resp: 343926

Ion	Ratio	Lower	Upper
105	100		
120	16.9	18.0	27.0#
51	34.1	23.8	35.6

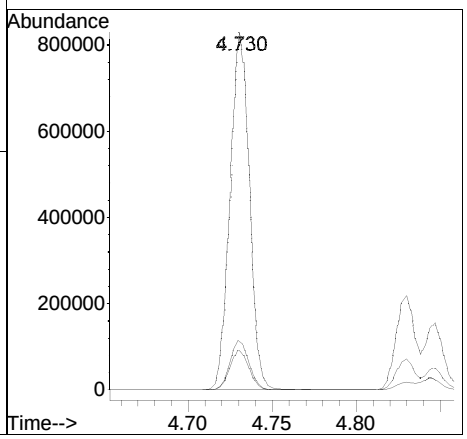


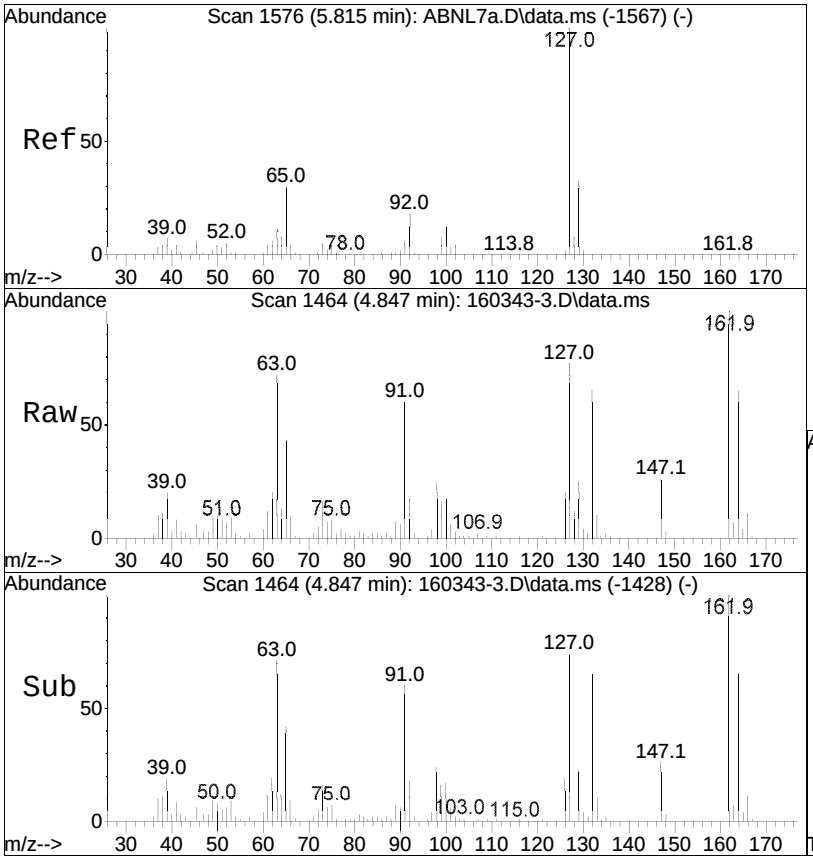


#36
Naphthalene
Concen: 31.85 ug/ml
RT: 4.730 min Scan# 1423
Delta R.T. -0.003 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:128 Resp: 656122

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.7	10.7	16.1

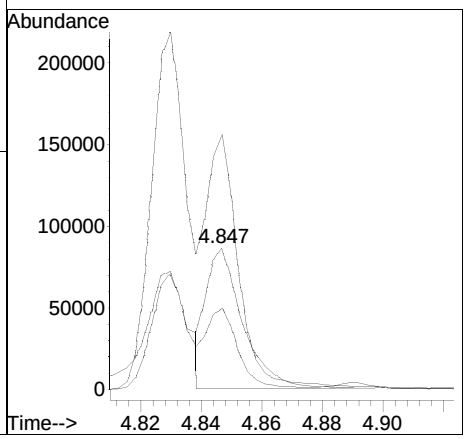


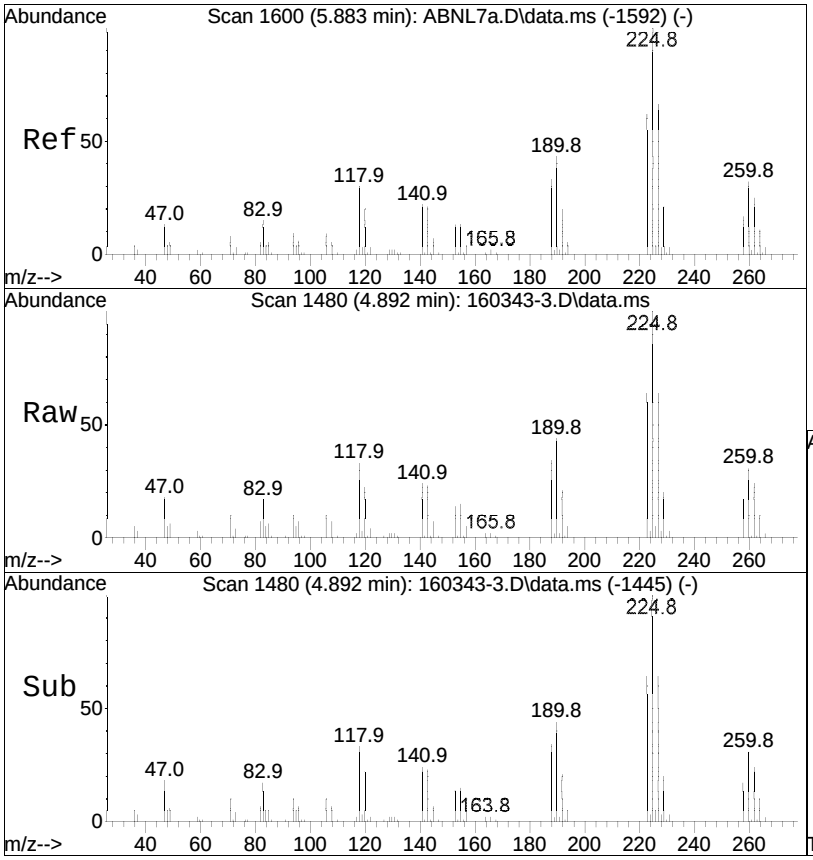


#38
4-Chloroaniline
Concen: 28.74 ug/ml
RT: 4.847 min Scan# 1464
Delta R.T. 0.003 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion: 65 Resp: 72978

Ion	Ratio	Lower	Upper
65	100		
127	162.1	233.2	349.8#
129	51.0	74.6	111.8#

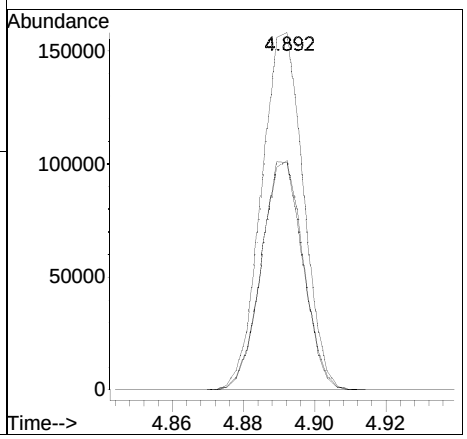


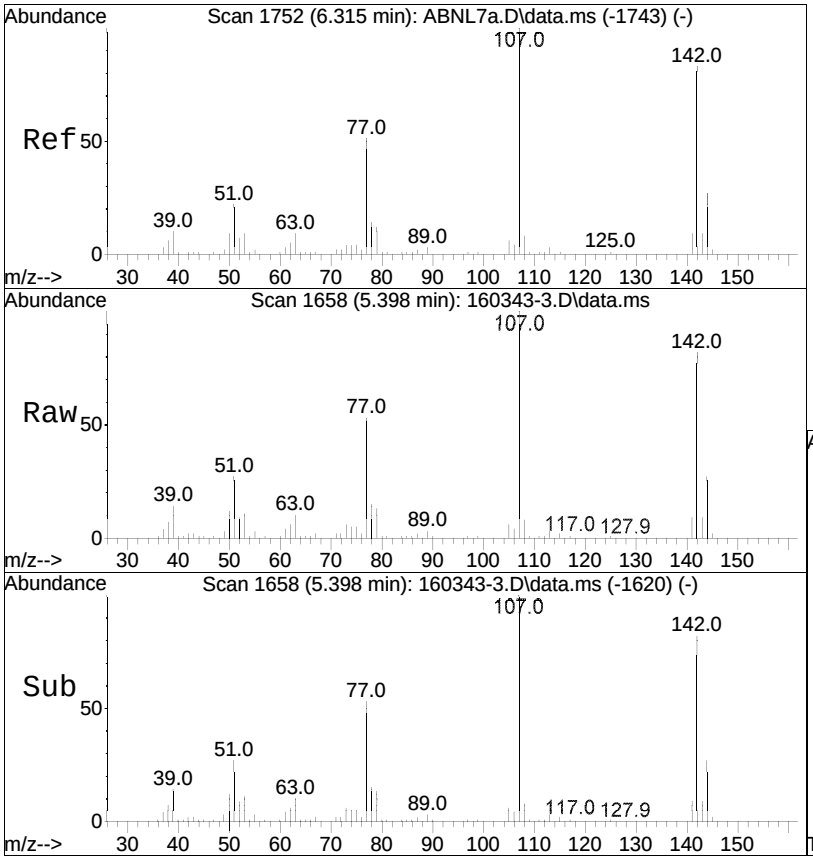


#39
Hexachlorobutadiene
Concen: 28.80 ug/ml
RT: 4.892 min Scan# 1480
Delta R.T. -0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:225 Resp: 128911

Ion	Ratio	Lower	Upper
225	100		
223	63.9	49.4	74.0
227	64.2	50.8	76.2

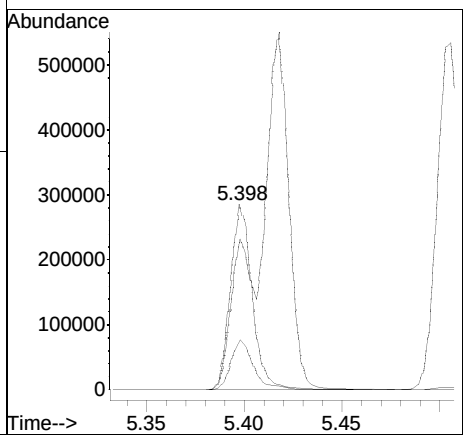


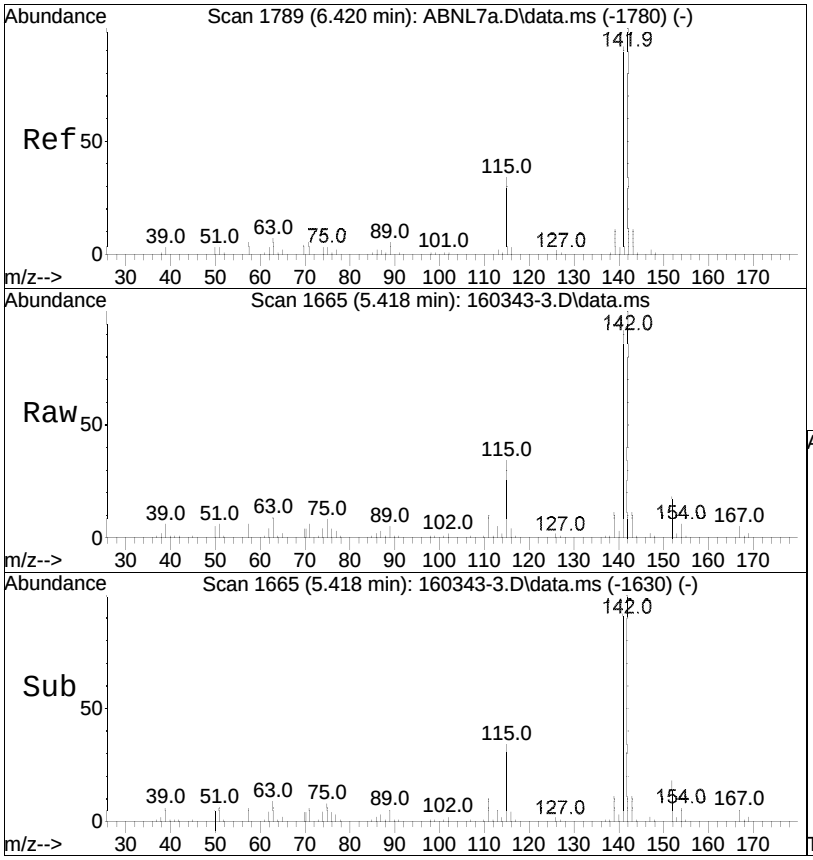


#40
p-Chloro-m-cresol
Concen: 39.26 ug/ml
RT: 5.398 min Scan# 1658
Delta R.T. 0.008 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:107 Resp: 223094

Ion	Ratio	Lower	Upper
107	100		
144	27.7	19.6	29.4
142	82.2	62.2	93.4

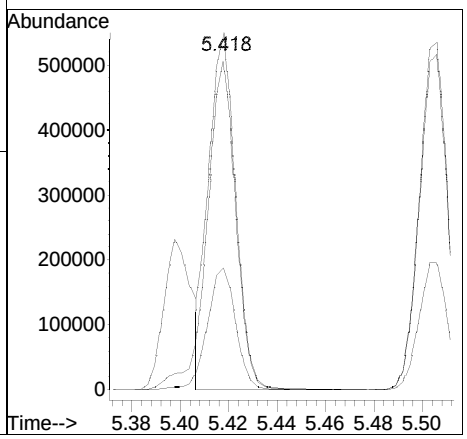


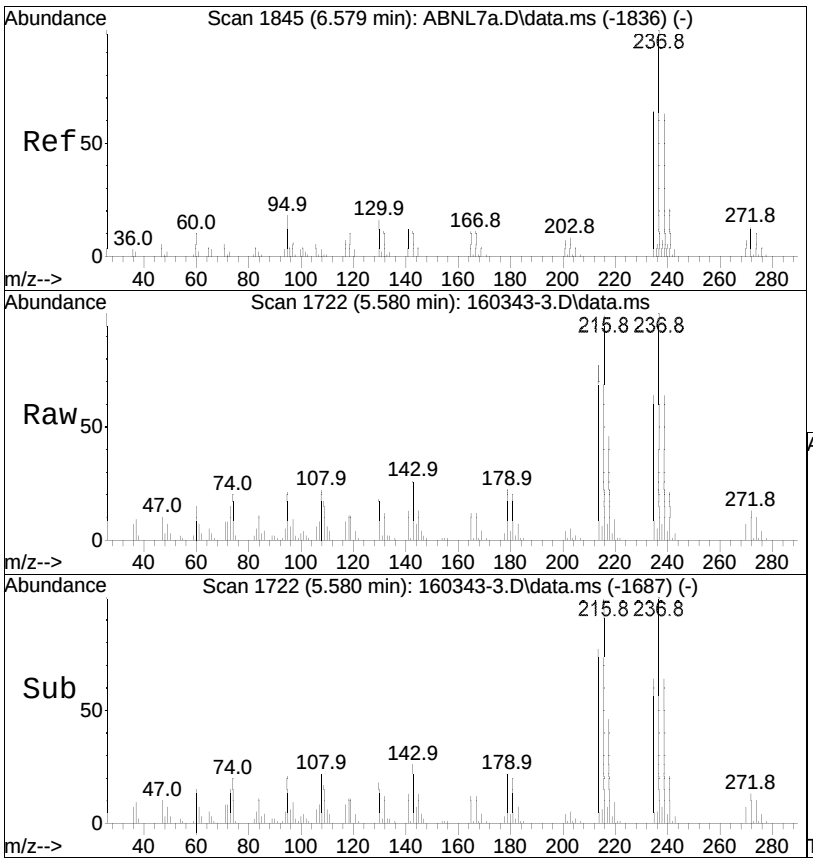


#41
2-Methylnaphthalene
Concen: 33.14 ug/ml
RT: 5.418 min Scan# 1665
Delta R.T. -0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:142 Resp: 427601

Ion	Ratio	Lower	Upper
142	100		
141	98.2	71.8	107.8
115	36.0	29.1	43.7

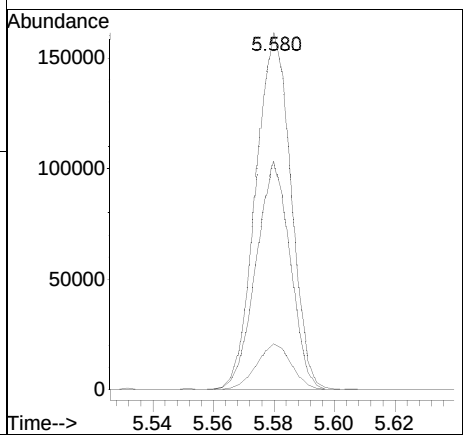


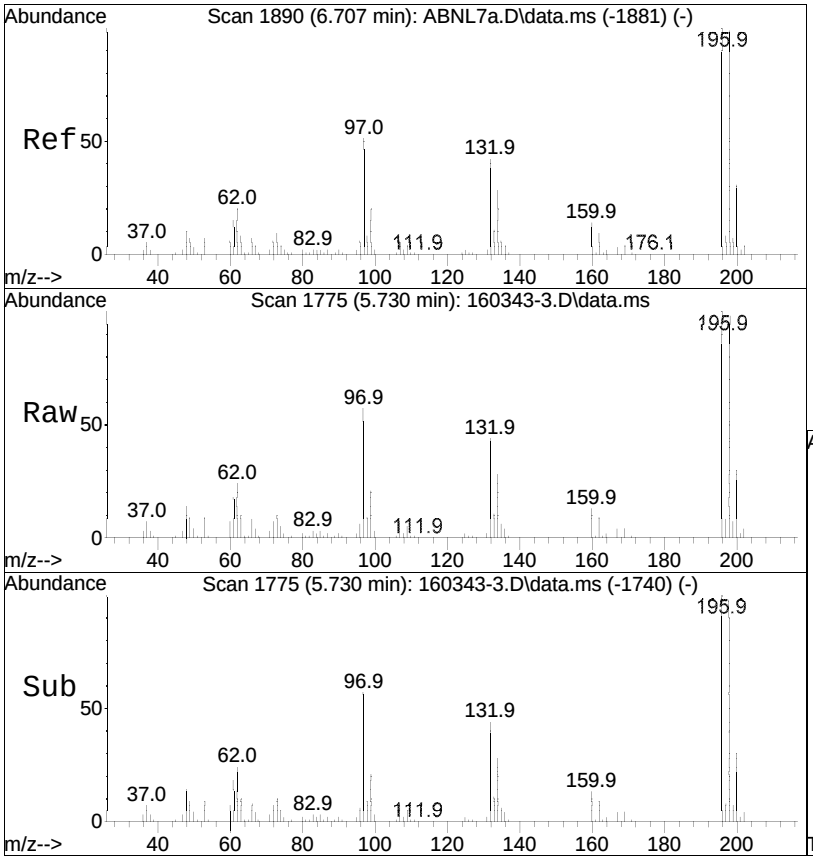


#43
Hexachlorocyclopentadiene
Concen: 28.98 ug/ml
RT: 5.580 min Scan# 1722
Delta R.T. -0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:237 Resp: 130001

Ion	Ratio	Lower	Upper
237	100		
235	62.4	47.8	71.6
272	12.6	10.4	15.6

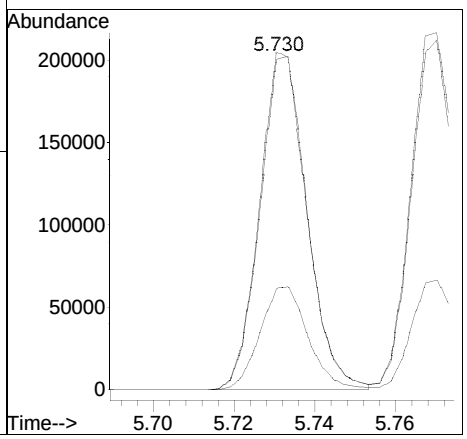


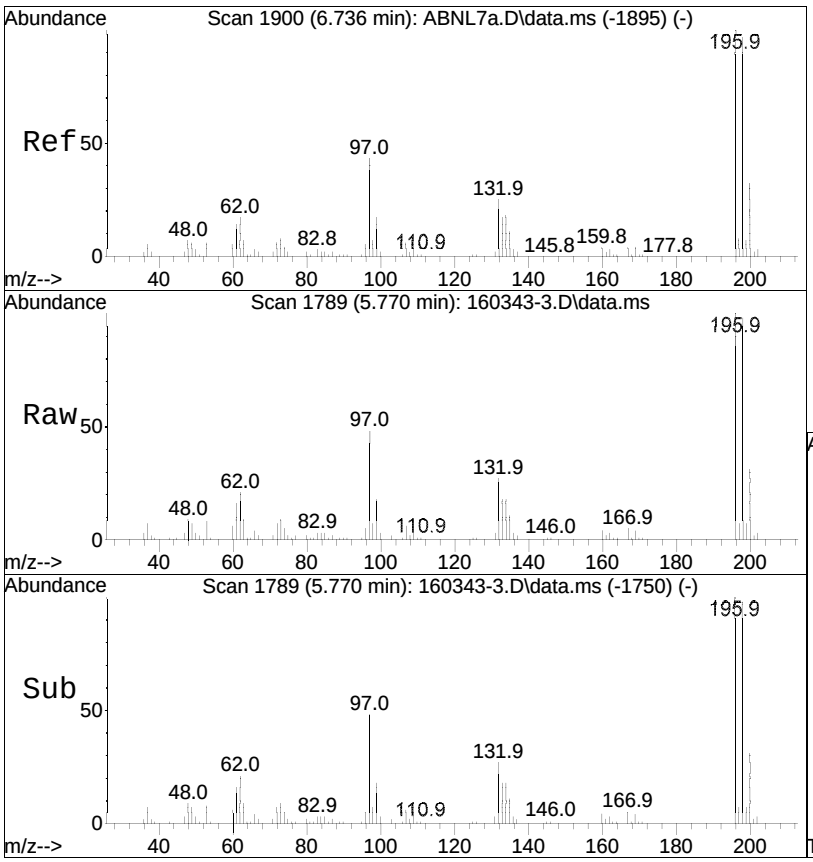


#44
2,4,6-Trichlorophenol
Concen: 38.43 ug/ml
RT: 5.730 min Scan# 1775
Delta R.T. -0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:196 Resp: 167253

Ion	Ratio	Lower	Upper
196	100		
198	97.4	81.5	122.3
200	30.9	26.2	39.2

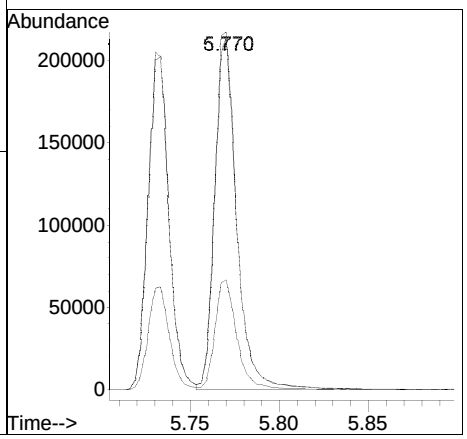


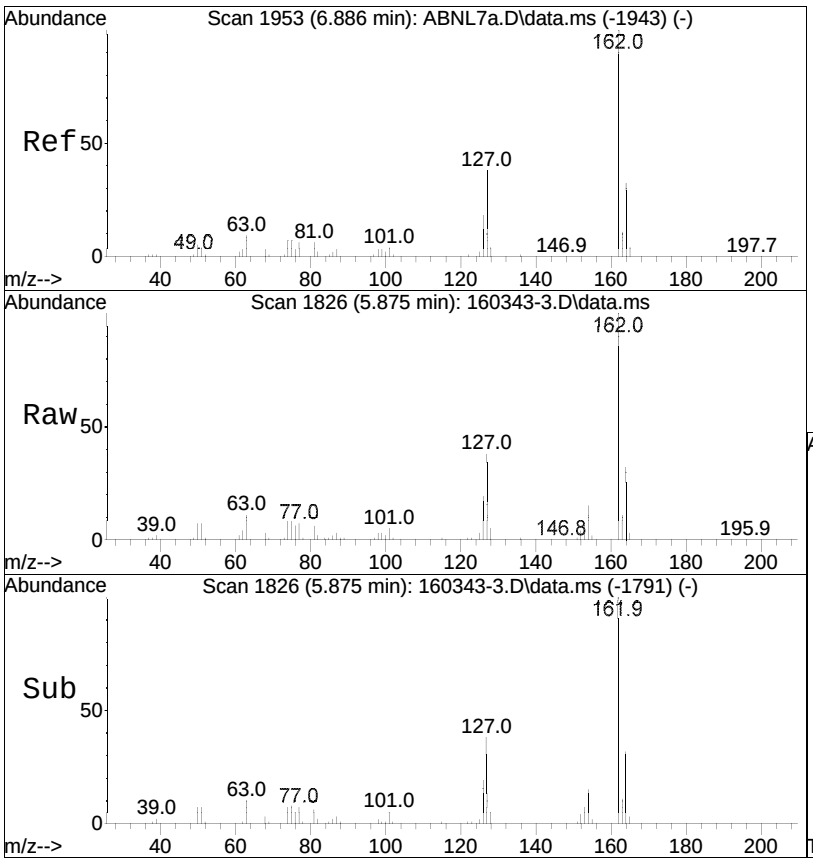


#45
2,4,5-Trichlorophenol
Concen: 38.82 ug/ml
RT: 5.770 min Scan# 1789
Delta R.T. 0.008 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:196 Resp: 185768

Ion	Ratio	Lower	Upper
196	100		
200	30.5	25.5	38.3
198	96.0	79.2	118.8

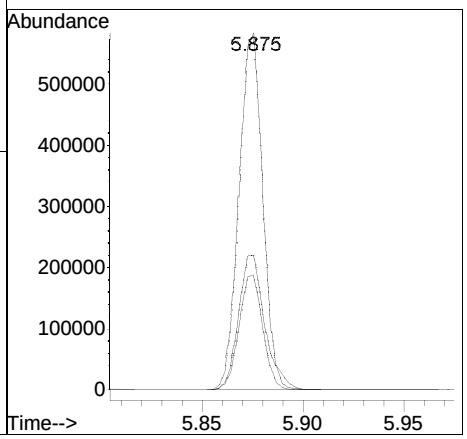


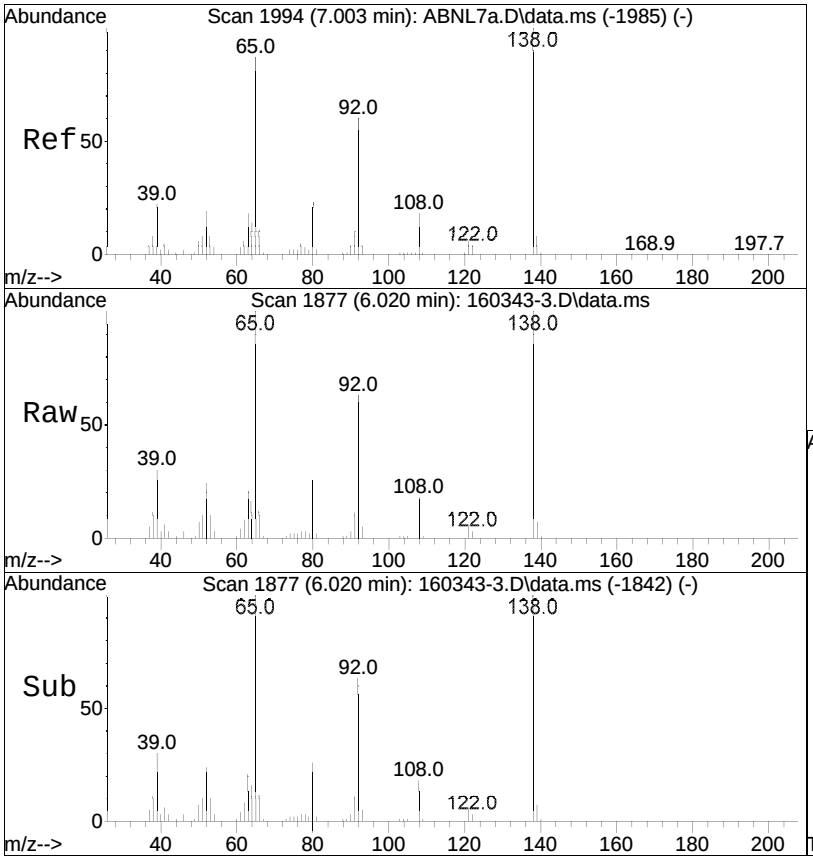


#47
2-Chloronaphthalene
Concen: 33.42 ug/ml
RT: 5.875 min Scan# 1826
Delta R.T. -0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:162 Resp: 471887

Ion	Ratio	Lower	Upper
162	100		
127	41.9	33.6	50.4
164	32.4	25.8	38.8

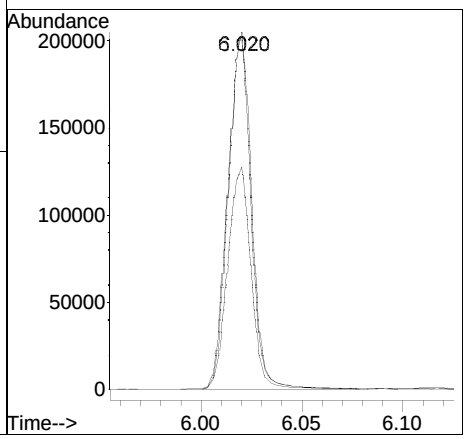


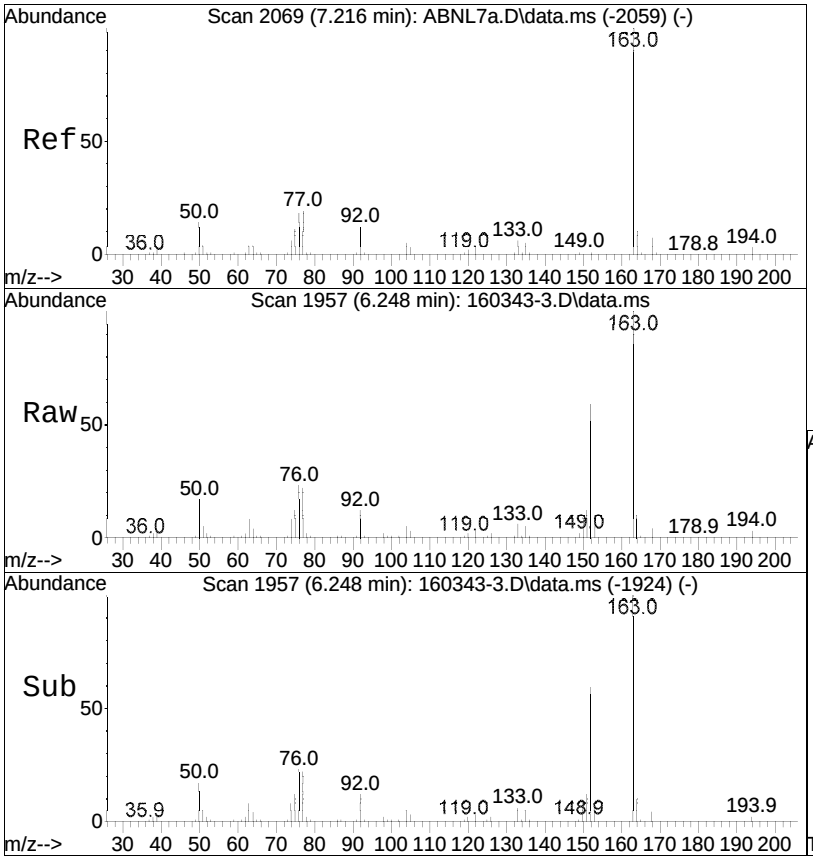


#48
2-Nitroaniline
Concen: 42.01 ug/ml
RT: 6.020 min Scan# 1877
Delta R.T. -0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:138 Resp: 162785

Ion	Ratio	Lower	Upper
138	100		
92	62.9	54.2	81.2
65	99.2	82.8	124.2

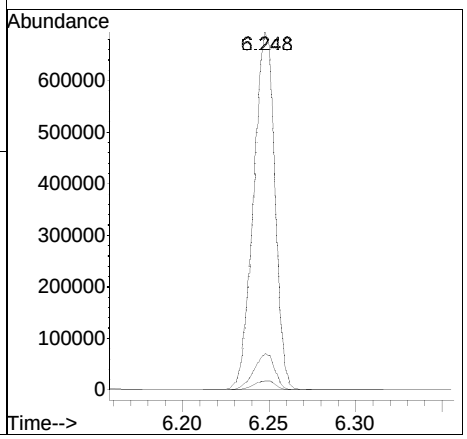


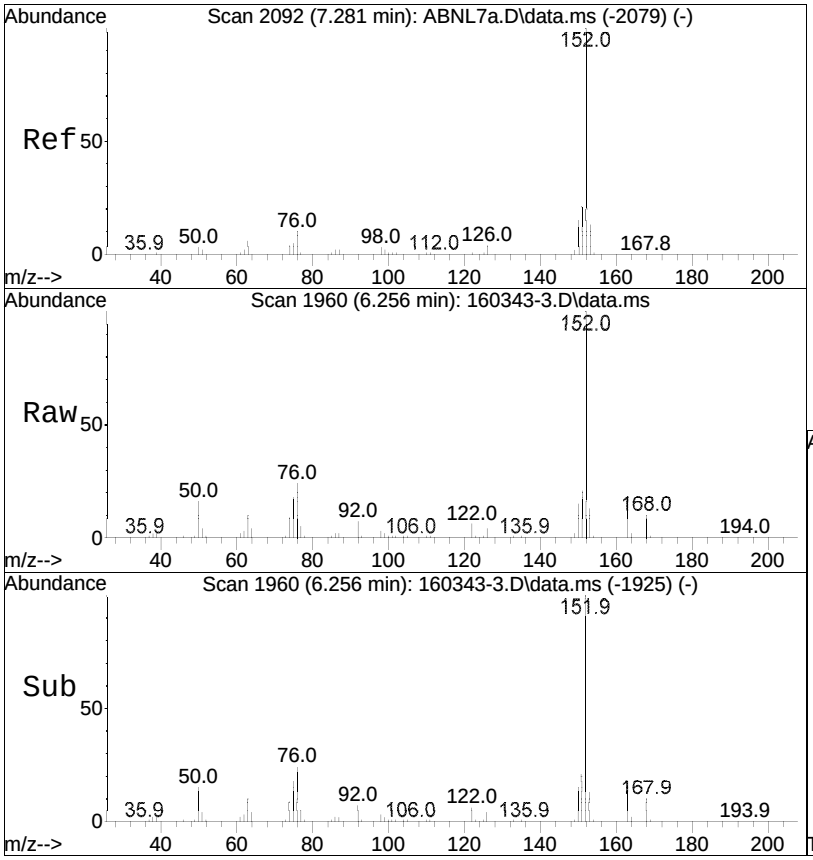


#51
Dimethyl phthalate
Concen: 35.54 ug/ml
RT: 6.248 min Scan# 1957
Delta R.T. -0.006 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:163 Resp: 587830

Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.6	4.0
164	10.1	8.2	12.4

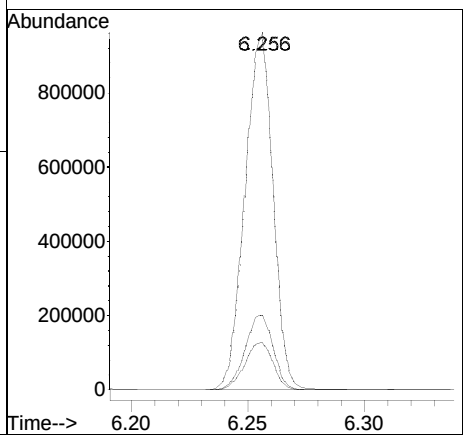


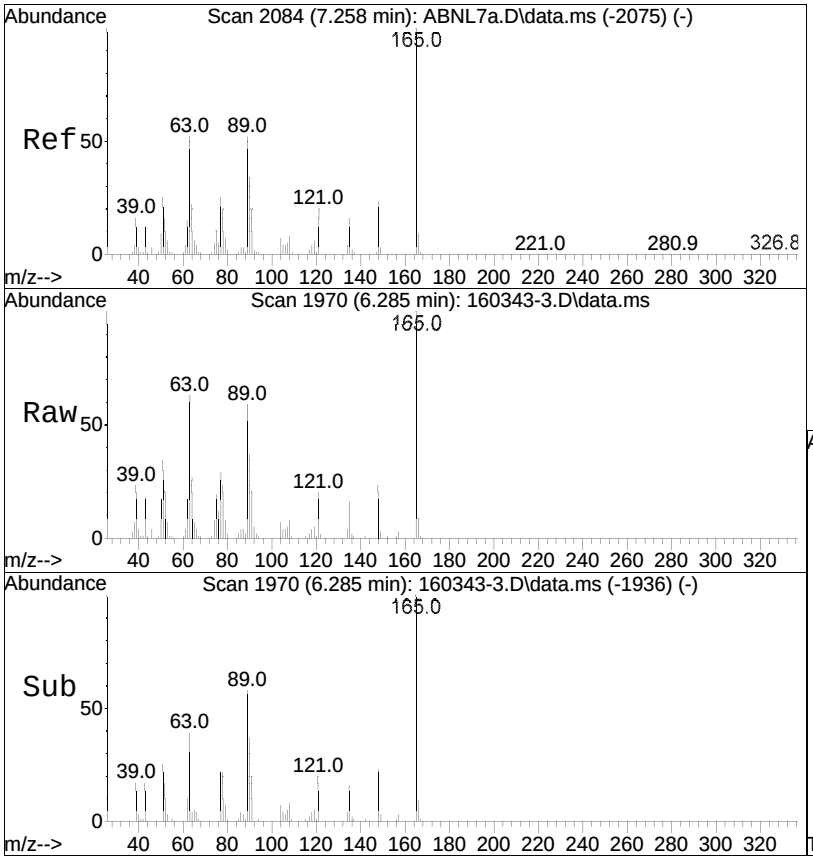


#52
Acenaphthylene
Concen: 36.26 ug/ml
RT: 6.256 min Scan# 1960
Delta R.T. -0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:152 Resp: 798876

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.4	24.6
153	13.5	11.0	16.6

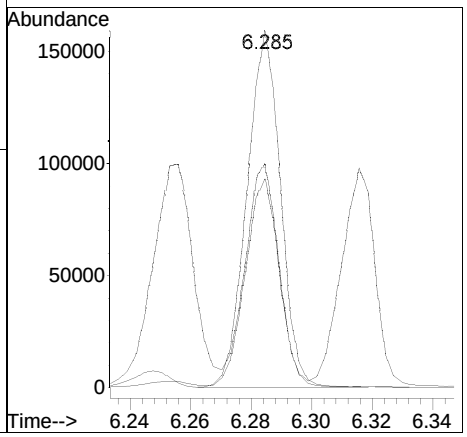


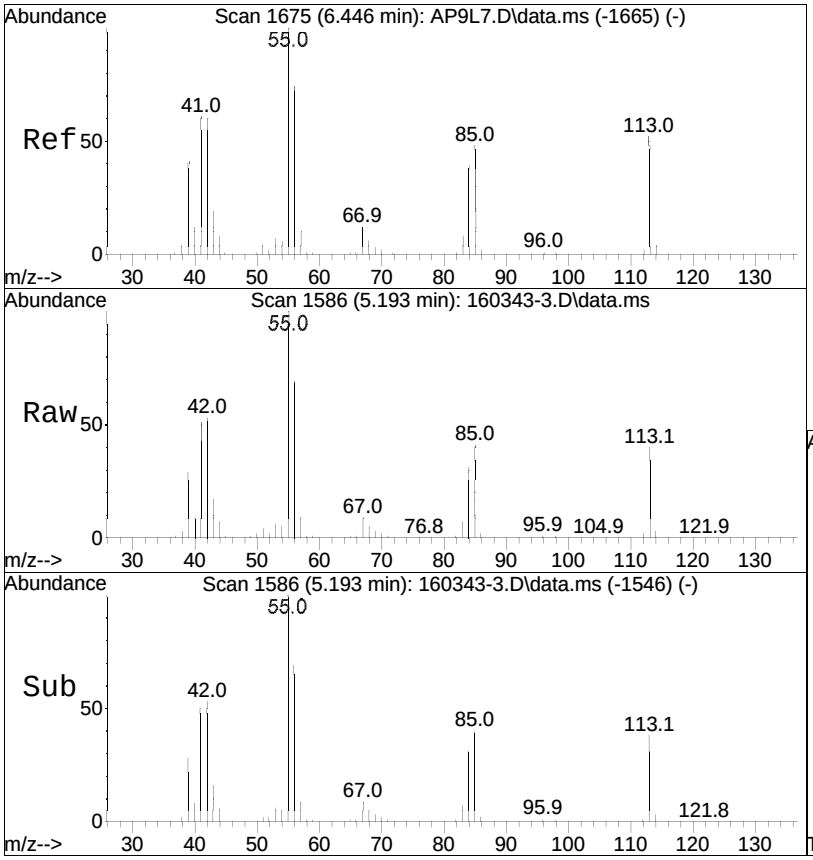


#53
2,6-Dinitrotoluene
Concen: 41.24 ug/ml
RT: 6.285 min Scan# 1970
Delta R.T. -0.003 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:165 Resp: 122744

Ion	Ratio	Lower	Upper
165	100		
89	59.0	50.4	75.6
63	62.4	56.9	85.3

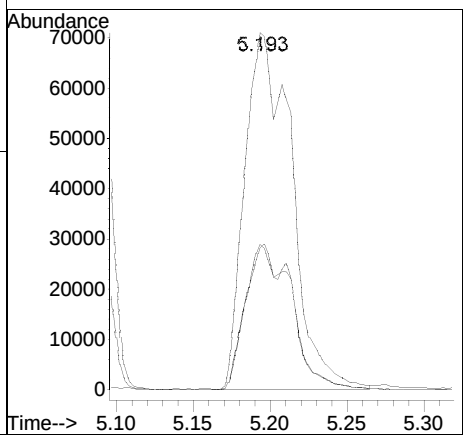


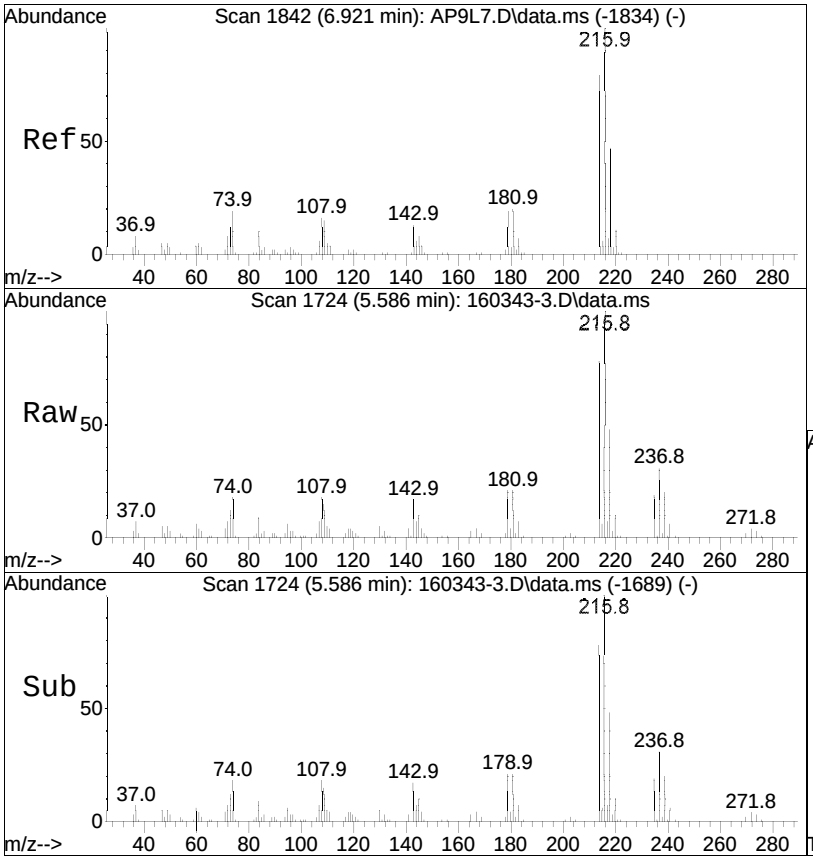


#60
Caprolactam
Concen: 54.54 ug/ml M1
RT: 5.193 min Scan# 1586
Delta R.T. 0.014 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion: 55 Resp: 150497

Ion	Ratio	Lower	Upper
55	100		
85	26.1	32.6	48.8#
113	25.9	44.6	66.8#

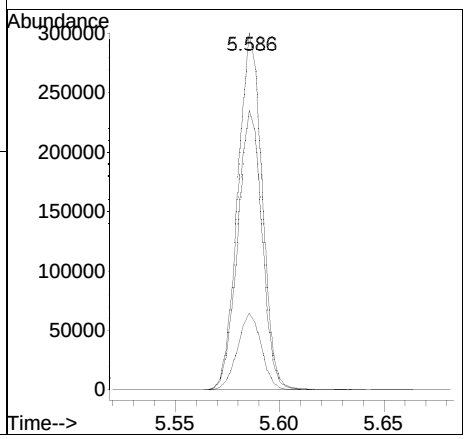


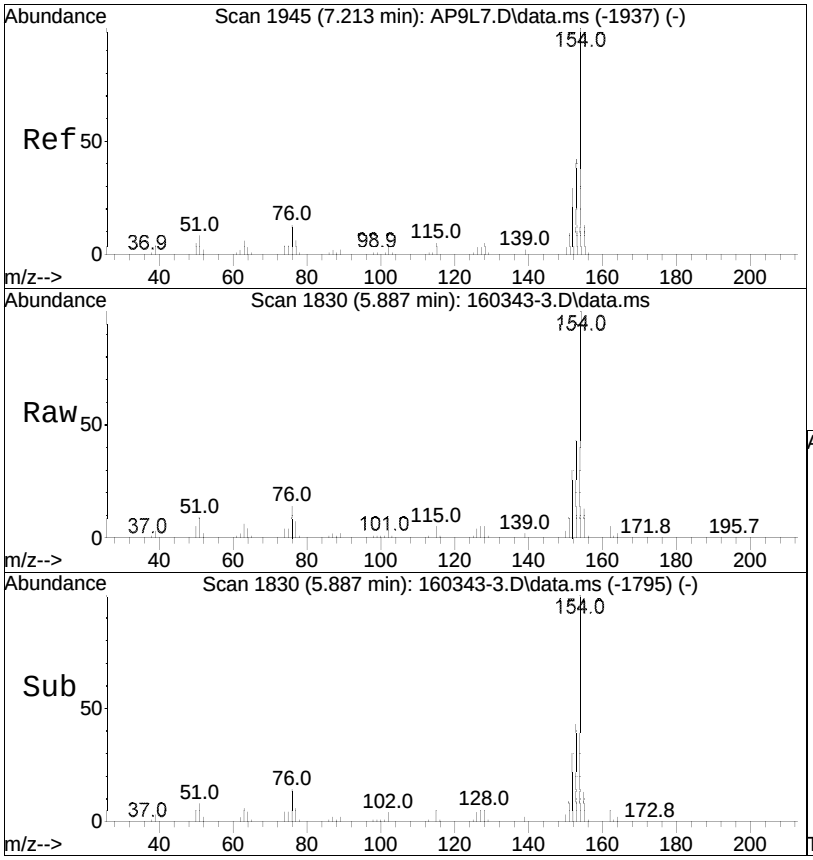


#61
1,2,4,5-Tetrachlorobenzene
Concen: 32.52 ug/ml
RT: 5.586 min Scan# 1724
Delta R.T. 0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:216 Resp: 242754

Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.0	94.6
179	21.2	17.4	26.2

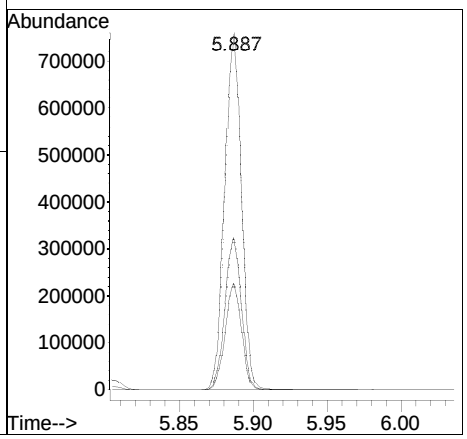


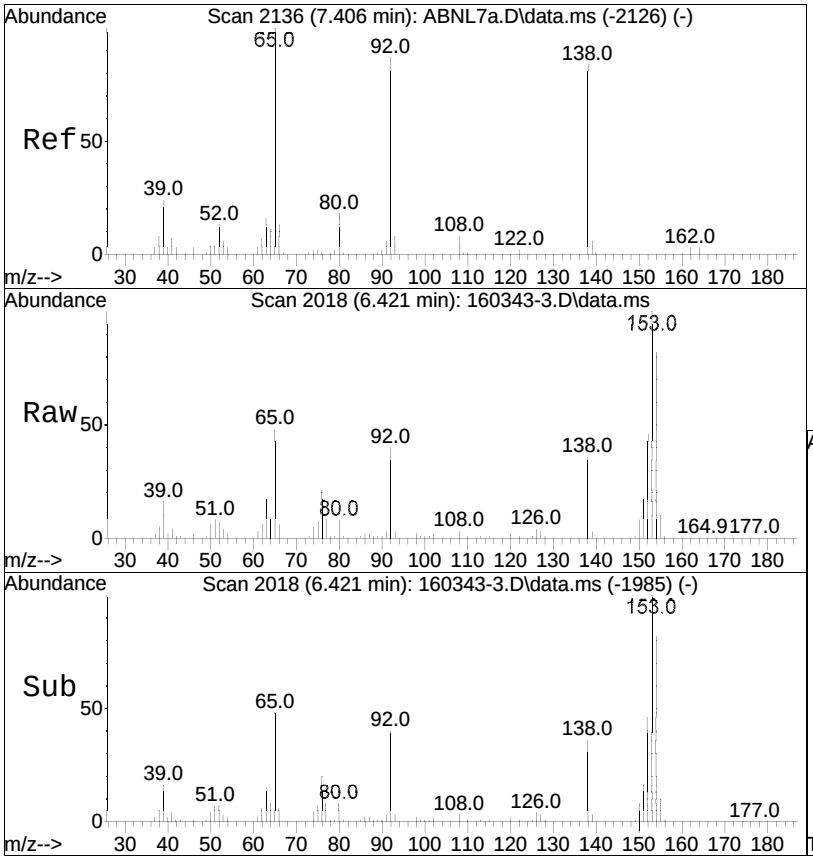


#62
Biphenyl
Concen: 35.02 ug/ml
RT: 5.887 min Scan# 1830
Delta R.T. 0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:154 Resp: 592645

Ion	Ratio	Lower	Upper
154	100		
153	42.2	33.5	50.3
152	29.6	22.6	34.0

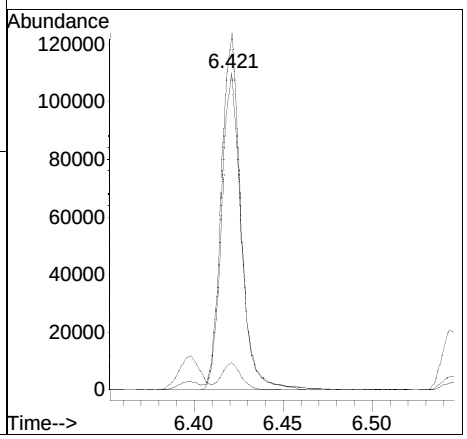


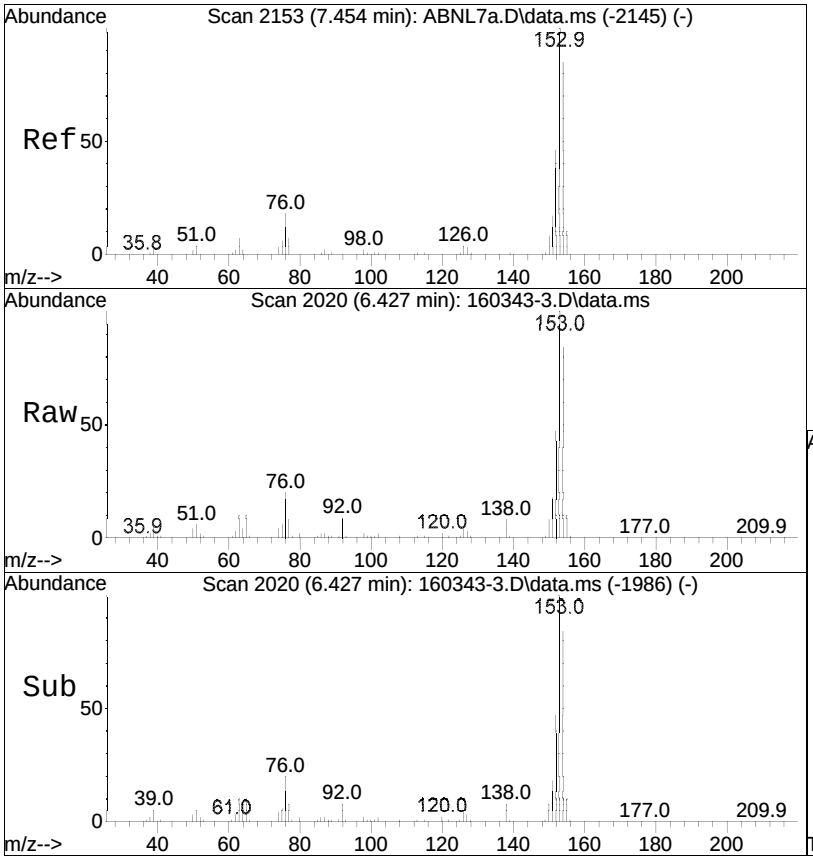


#64
3-Nitroaniline
Concen: 22.65 ug/ml
RT: 6.421 min Scan# 2018
Delta R.T. -0.006 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:138 Resp: 84537

Ion	Ratio	Lower	Upper
138	100		
92	111.2	95.4	143.2
108	8.6	8.6	12.8

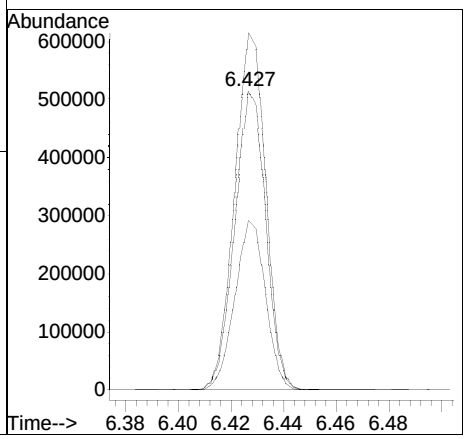


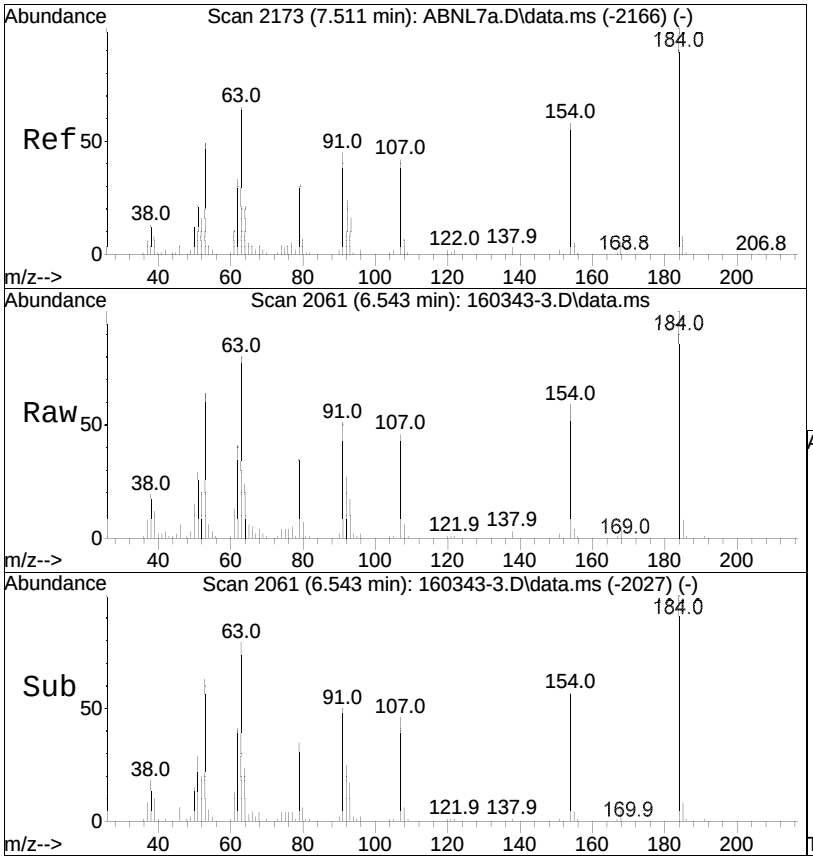


#65
Acenaphthene
Concen: 32.24 ug/ml
RT: 6.427 min Scan# 2020
Delta R.T. -0.003 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:154 Resp: 422235

Ion	Ratio	Lower	Upper
154	100		
153	120.3	91.3	136.9
152	56.2	41.0	61.4

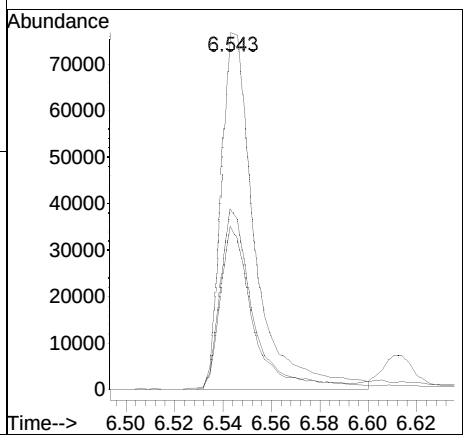


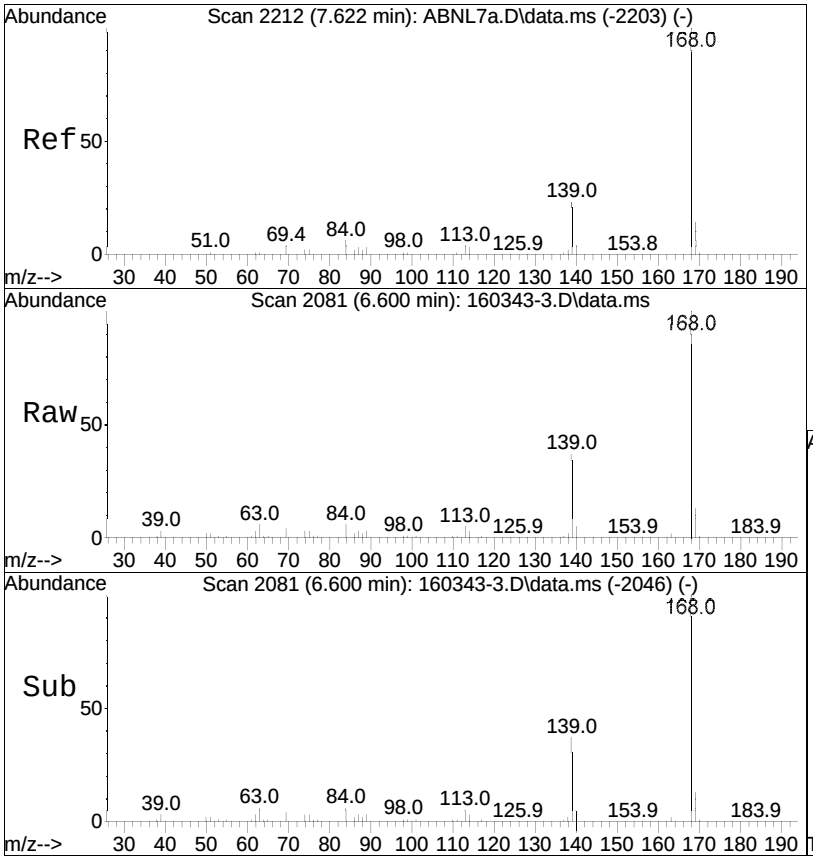


#66
2,4-Dinitrophenol
Concen: 44.07 ug/ml
RT: 6.543 min Scan# 2061
Delta R.T. -0.003 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:184 Resp: 74630

Ion	Ratio	Lower	Upper
184	100		
107	45.1	41.8	62.6
91	49.4	46.1	69.1

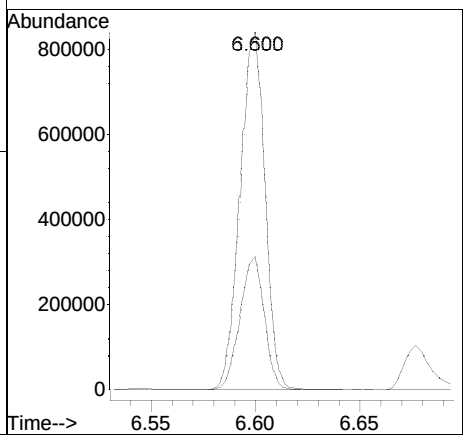


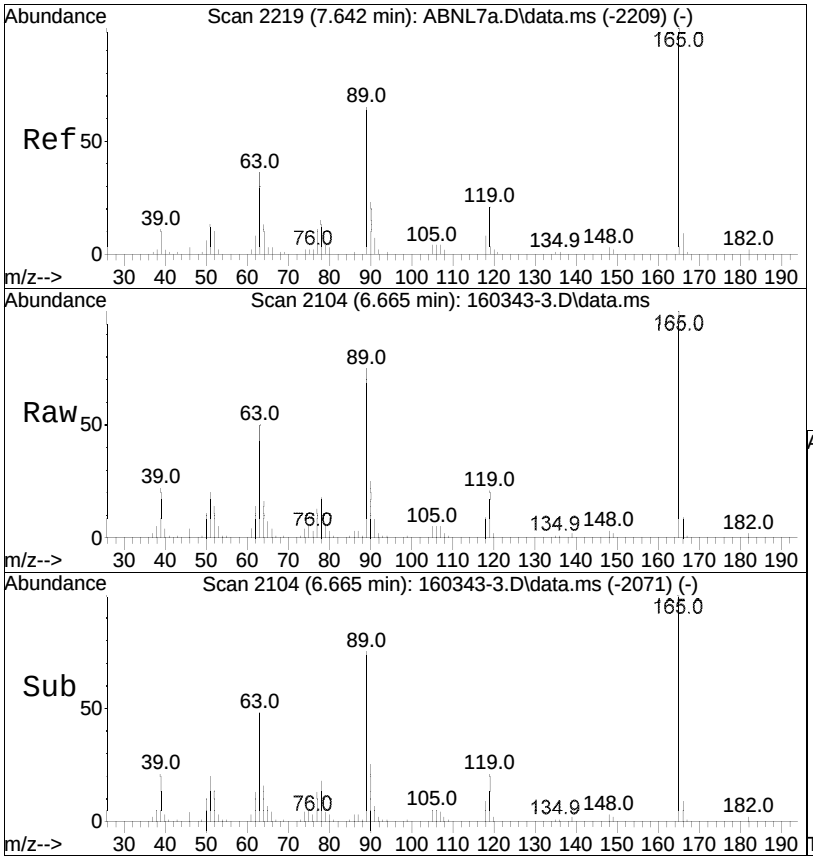


#67
Dibenzofuran
Concen: 32.28 ug/ml
RT: 6.600 min Scan# 2081
Delta R.T. -0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:168 Resp: 691712

Ion	Ratio	Lower	Upper
168	100		
139	36.7	33.2	49.8

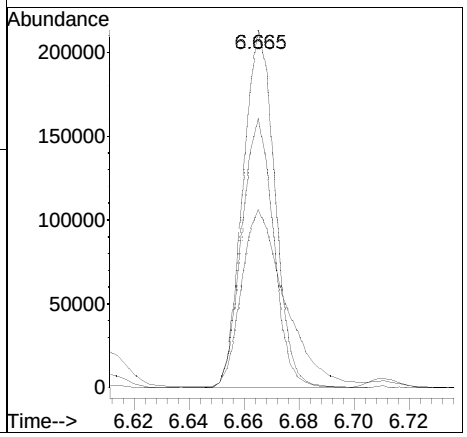


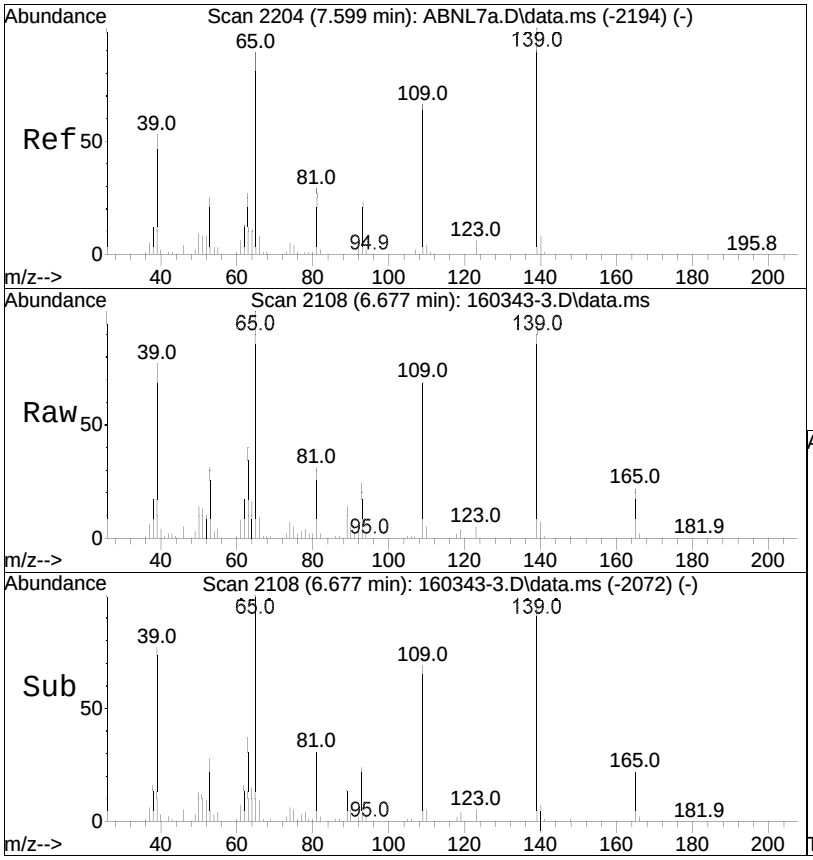


#68
2,4-Dinitrotoluene
Concen: 40.26 ug/ml
RT: 6.665 min Scan# 2104
Delta R.T. -0.006 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:165 Resp: 172188

Ion	Ratio	Lower	Upper
165	100		
89	74.6	75.7	113.5#
63	66.3	62.6	94.0

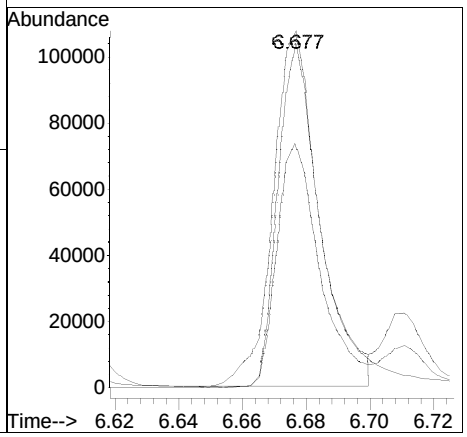


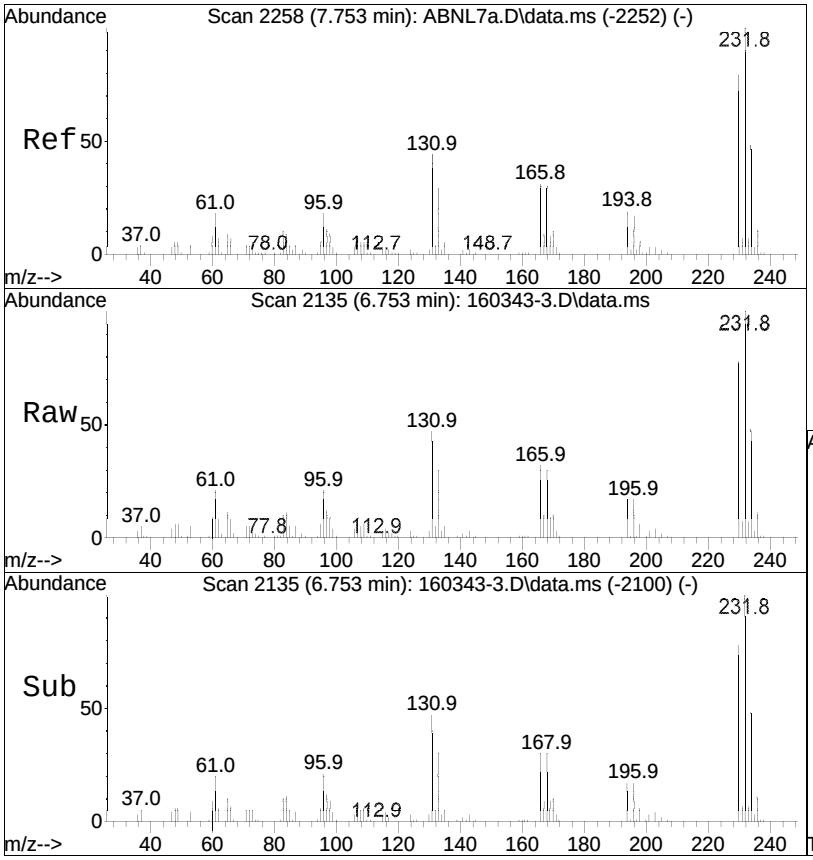


#69
4-Nitrophenol
Concen: 41.19 ug/ml
RT: 6.677 min Scan# 2108
Delta R.T. 0.003 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion: 65 Resp: 108394

Ion	Ratio	Lower	Upper
65	100		
109	64.3	55.4	83.2
139	94.9	72.9	109.3

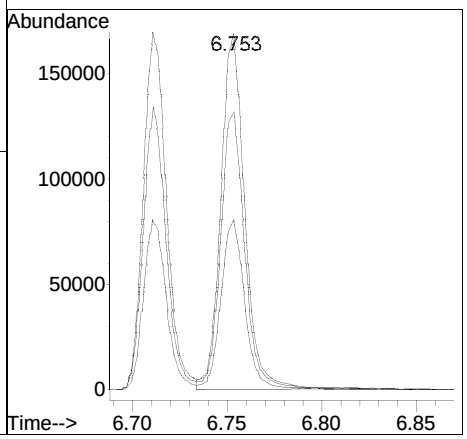


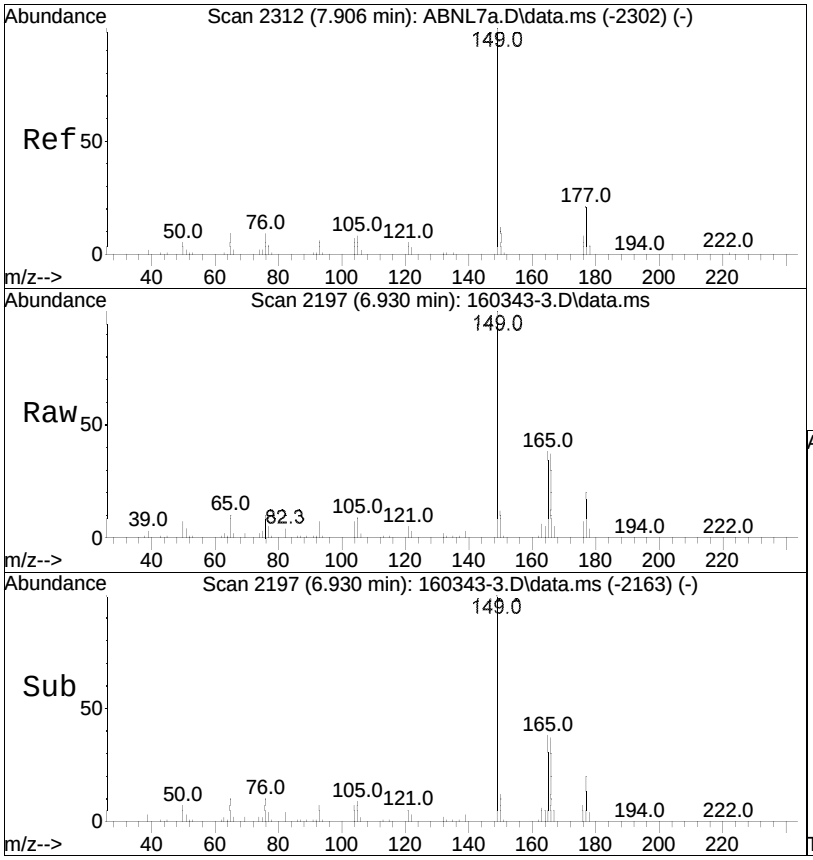


#71
2,3,4,6-Tetrachlorophenol
Concen: 36.07 ug/ml
RT: 6.753 min Scan# 2135
Delta R.T. -0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:232 Resp: 147731

Ion	Ratio	Lower	Upper
232	100		
230	78.5	63.7	95.5
234	47.7	38.4	57.6

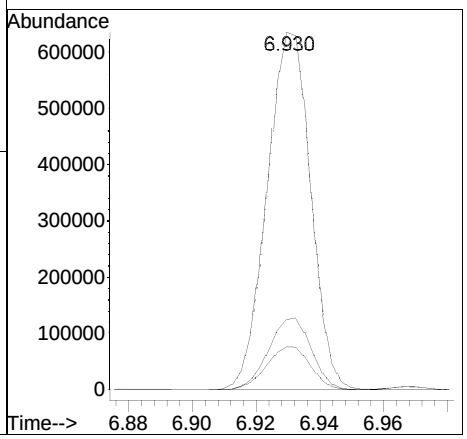


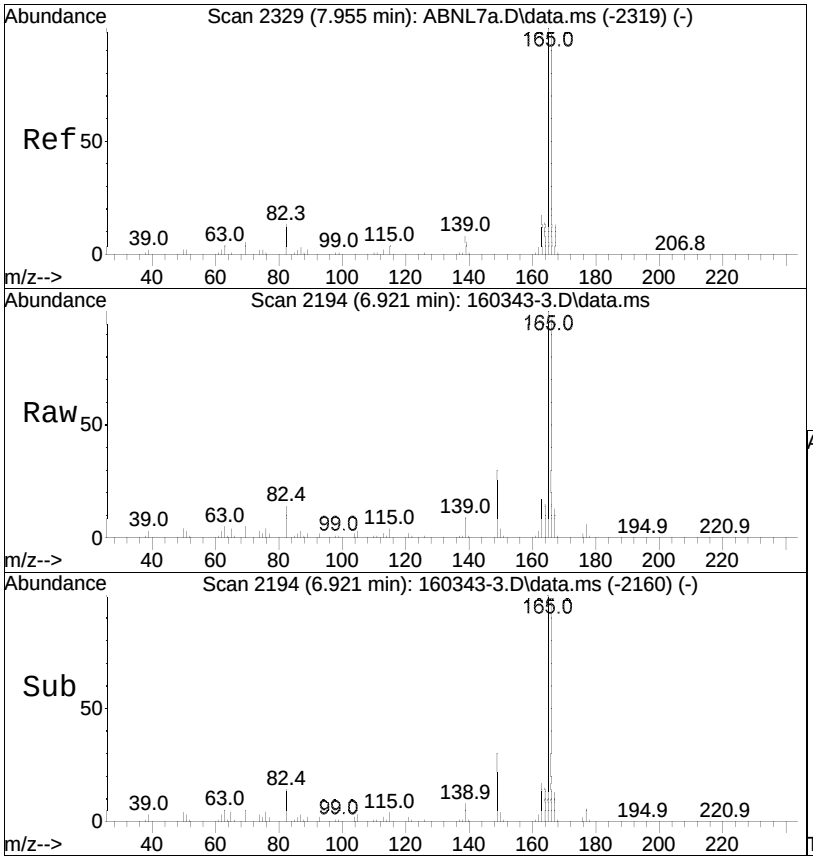


#72
Diethyl phthalate
Concen: 35.76 ug/ml
RT: 6.930 min Scan# 2197
Delta R.T. -0.003 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:149 Resp: 600954

Ion	Ratio	Lower	Upper
149	100		
177	19.8	15.5	23.3
150	12.4	9.5	14.3

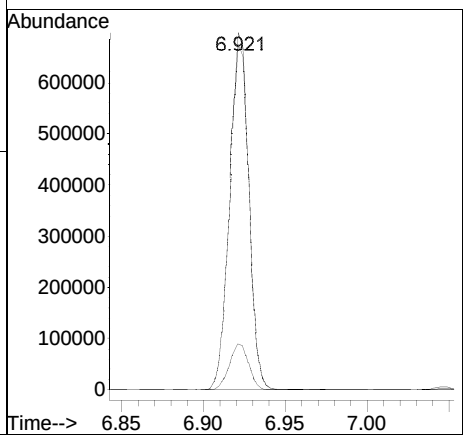


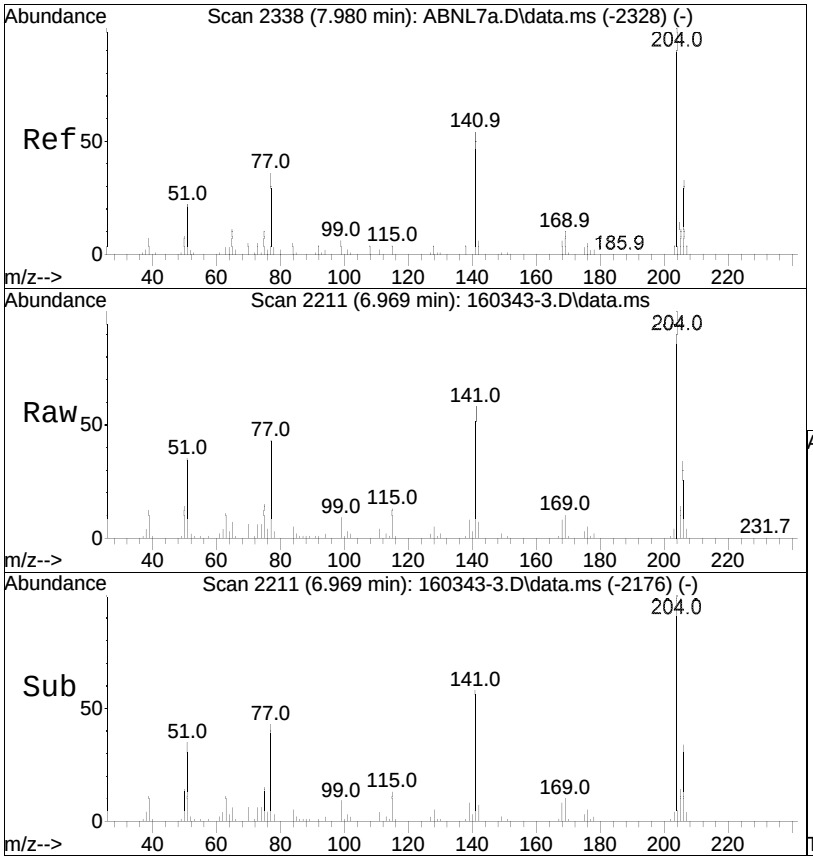


#73
Fluorene
Concen: 33.38 ug/ml
RT: 6.921 min Scan# 2194
Delta R.T. -0.003 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:166 Resp: 558123

Ion	Ratio	Lower	Upper
166	100		
165	102.3	79.3	118.9
167	13.4	10.6	16.0

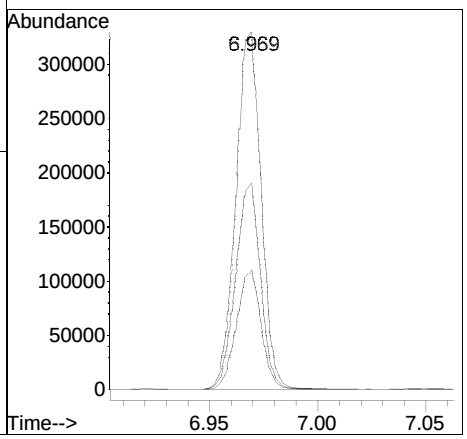


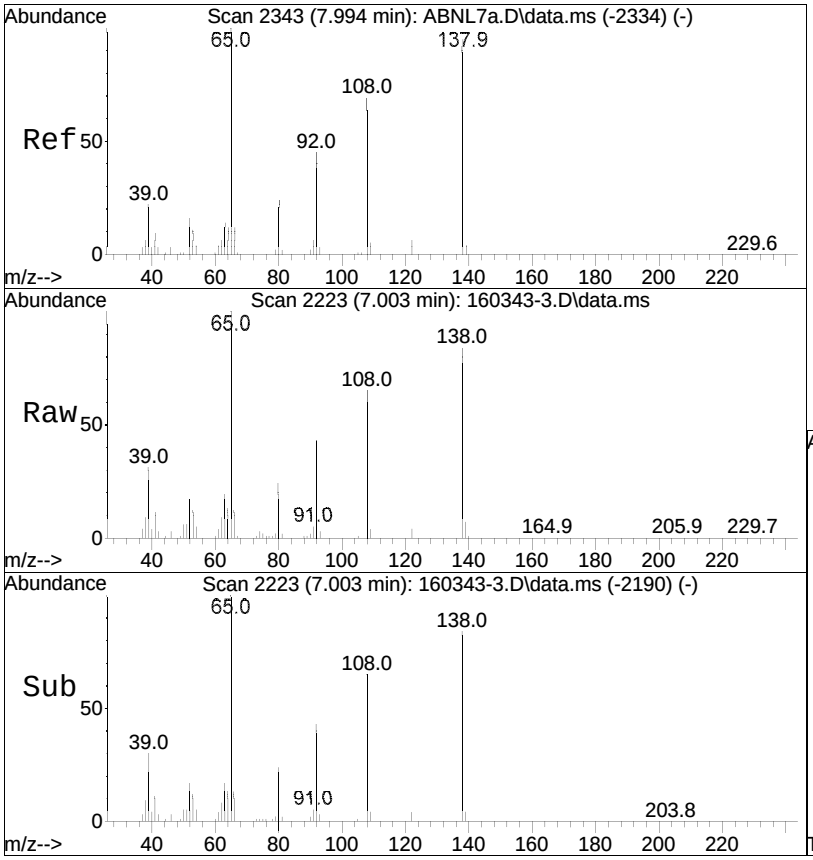


#74
4-Chlorophenyl phenyl ether
Concen: 31.13 ug/ml
RT: 6.969 min Scan# 2211
Delta R.T. -0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:204 Resp: 264602

Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.2	39.4
141	57.2	57.2	85.8#

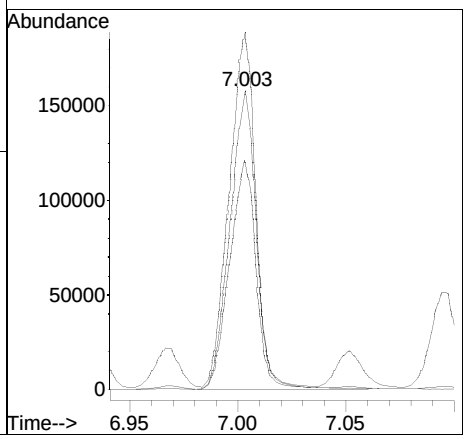


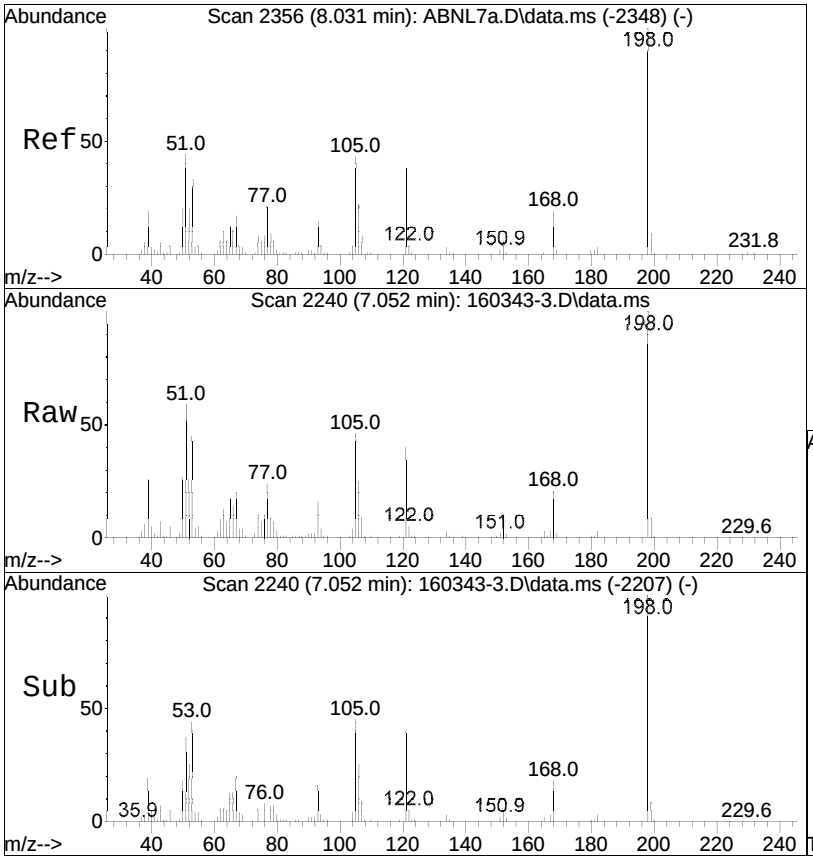


#75
4-Nitroaniline
Concen: 38.06 ug/ml
RT: 7.003 min Scan# 2223
Delta R.T. -0.006 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:138 Resp: 132697

Ion	Ratio	Lower	Upper
138	100		
108	77.0	62.7	94.1
65	118.9	107.8	161.6

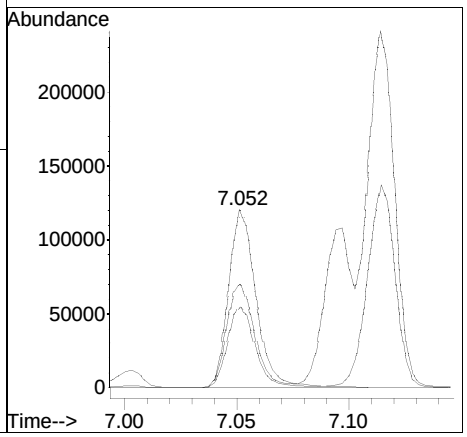


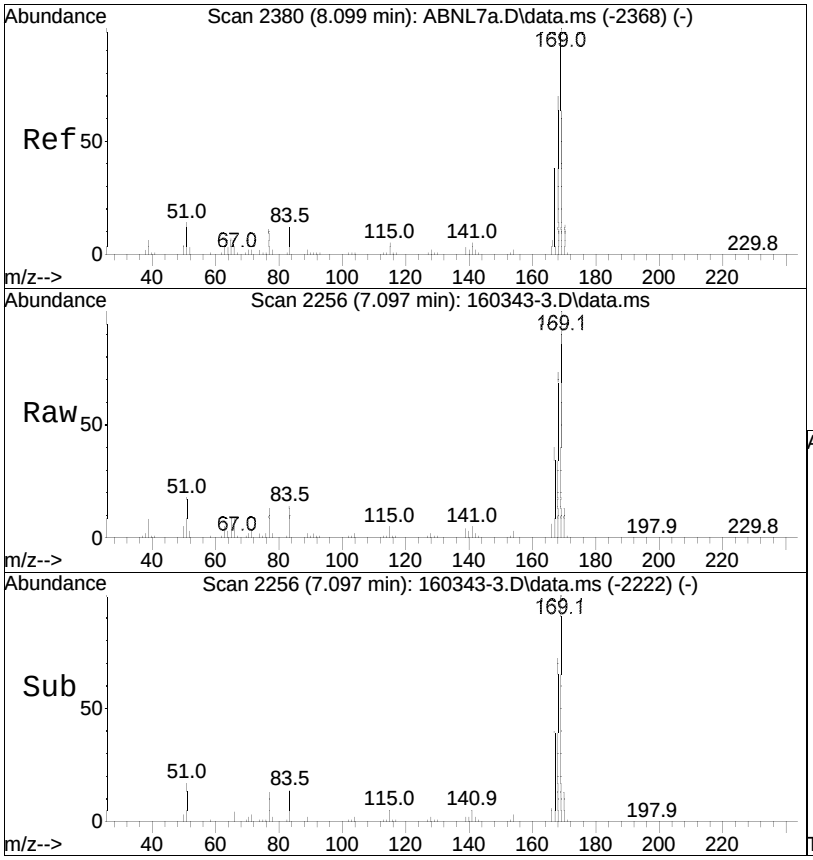


#76
4,6-Dinitro-o-cresol
Concen: 47.82 ug/ml
RT: 7.052 min Scan# 2240
Delta R.T. -0.006 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:198 Resp: 104034

Ion	Ratio	Lower	Upper
198	100		
51	59.0	59.0	88.4
105	45.9	45.0	67.6

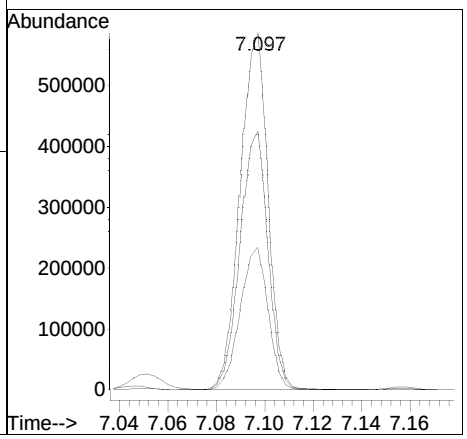


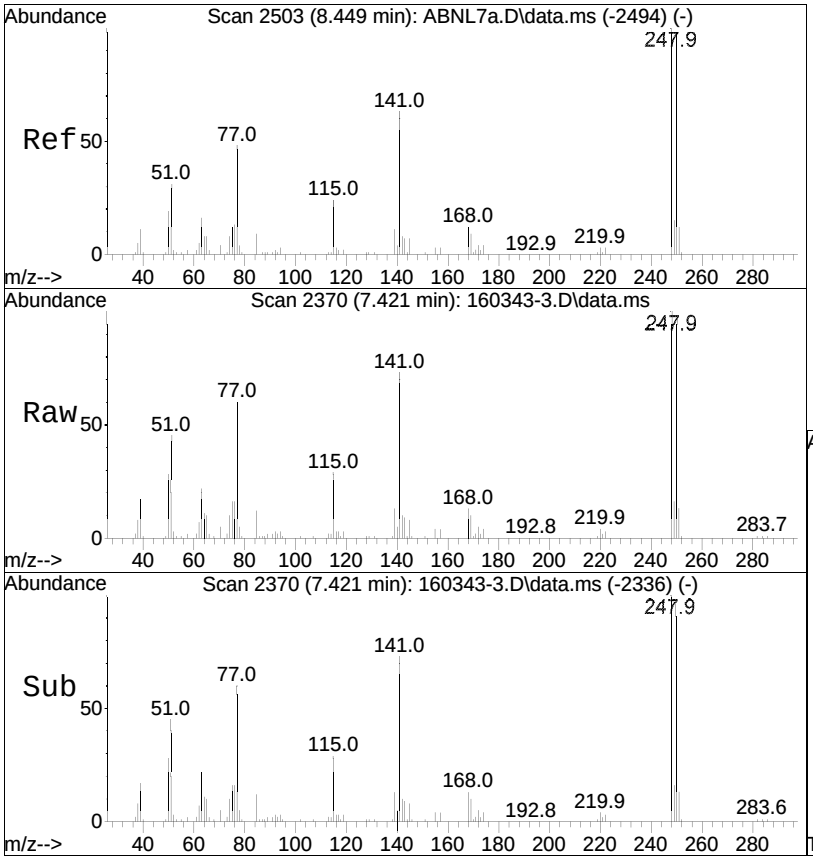


#77
NDPA/DPA
Concen: 32.92 ug/ml
RT: 7.097 min Scan# 2256
Delta R.T. -0.003 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:169 Resp: 469061

Ion	Ratio	Lower	Upper
169	100		
168	72.4	55.4	83.0
167	40.2	30.3	45.5

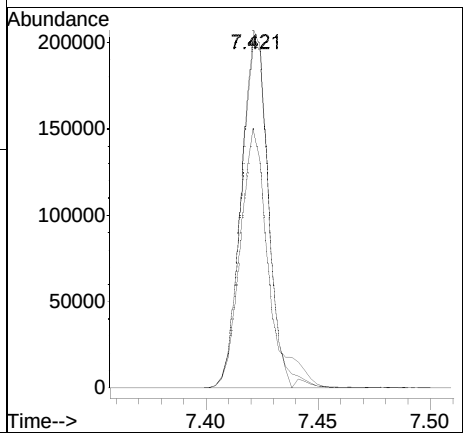


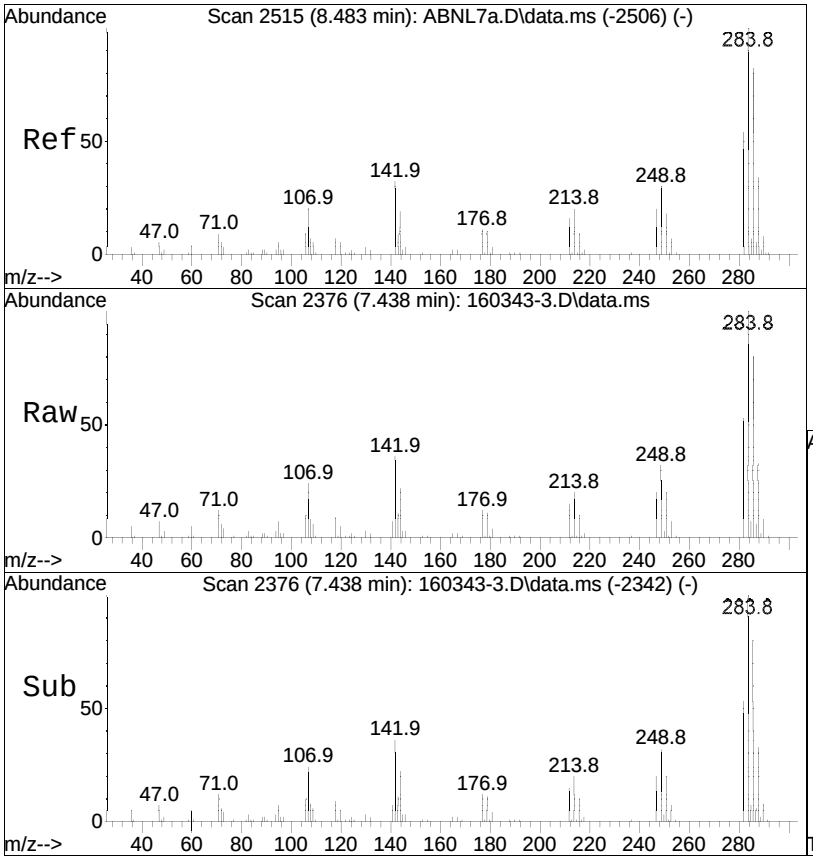


#80
4-Bromophenyl phenyl ether
Concen: 31.87 ug/ml
RT: 7.421 min Scan# 2370
Delta R.T. -0.003 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:248 Resp: 171947

Ion	Ratio	Lower	Upper
248	100		
141	76.5	76.8	115.2#
250	99.1	79.7	119.5

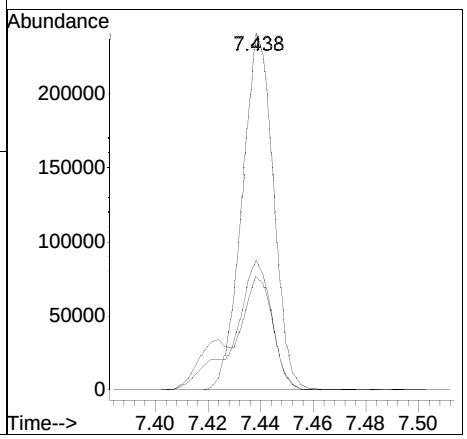


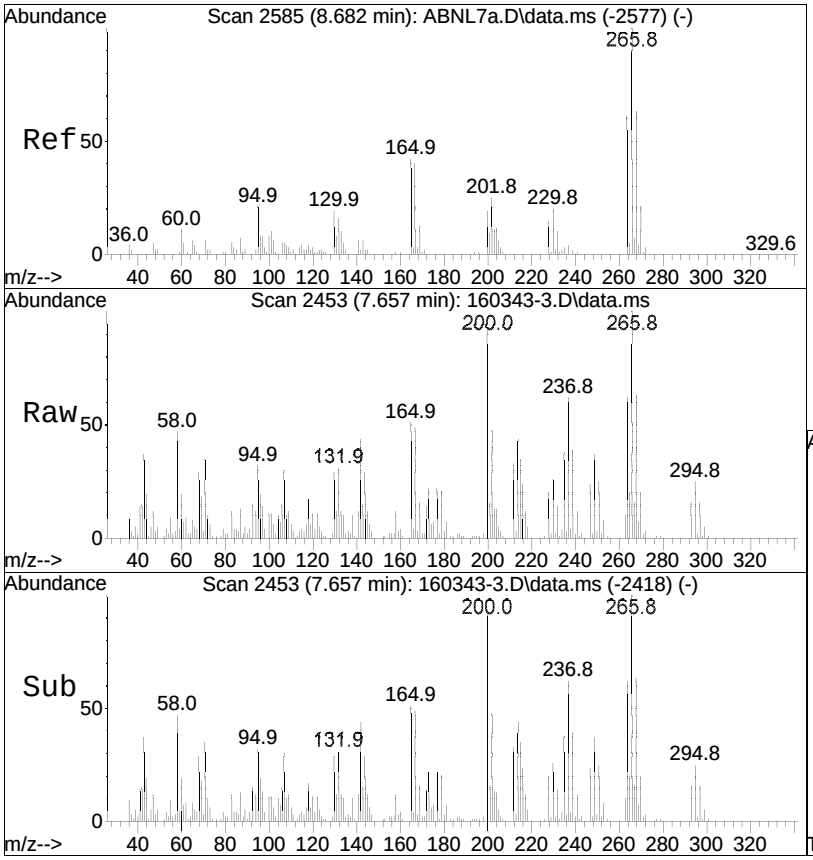


#81
Hexachlorobenzene
Concen: 31.89 ug/ml
RT: 7.438 min Scan# 2376
Delta R.T. -0.003 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:284 Resp: 199455

Ion	Ratio	Lower	Upper
284	100		
142	43.6	35.8	53.6
249	29.3	24.7	37.1

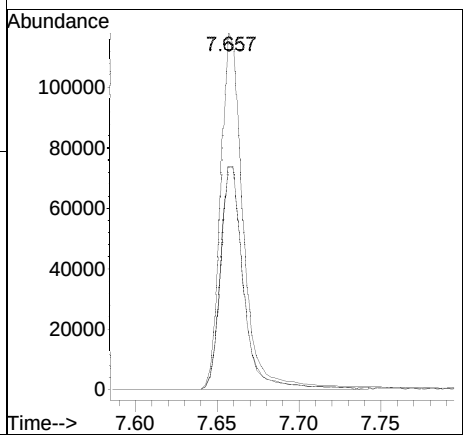


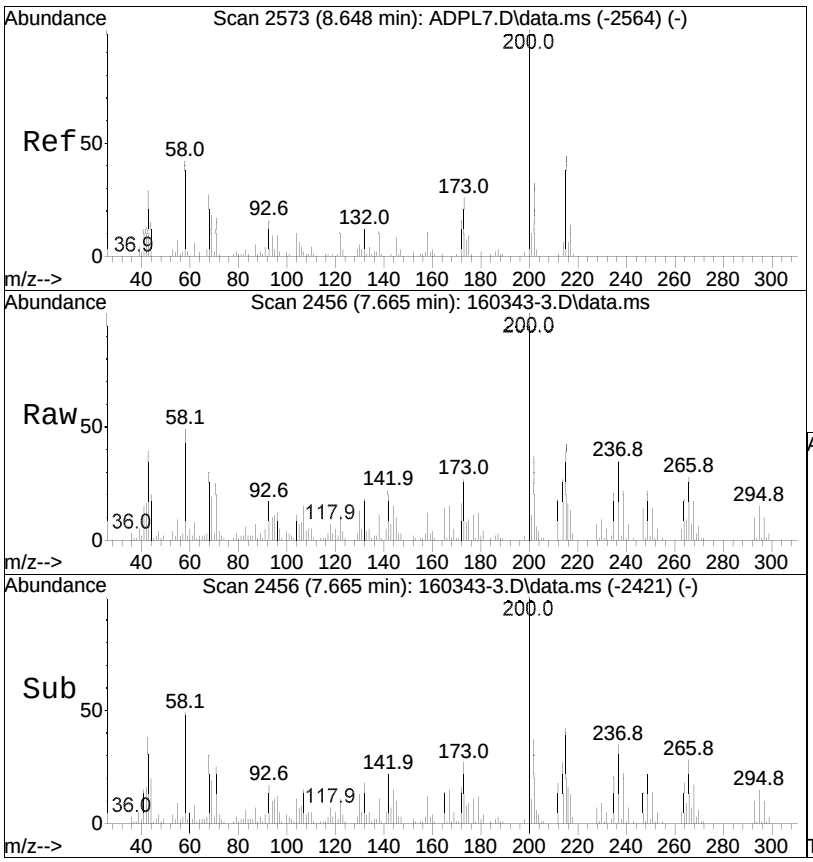


#82
Pentachlorophenol
Concen: 30.65 ug/ml
RT: 7.657 min Scan# 2453
Delta R.T. -0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:266 Resp: 113763

Ion	Ratio	Lower	Upper
266	100		
264	63.8	51.8	77.6
268	63.3	49.8	74.8

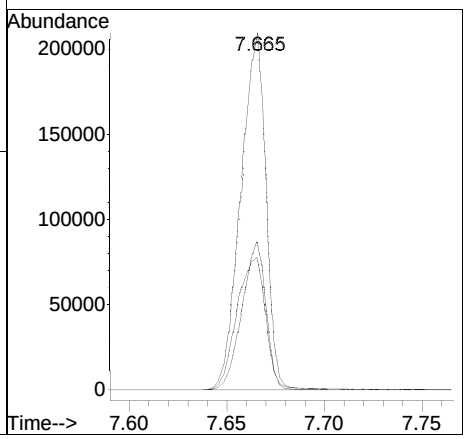


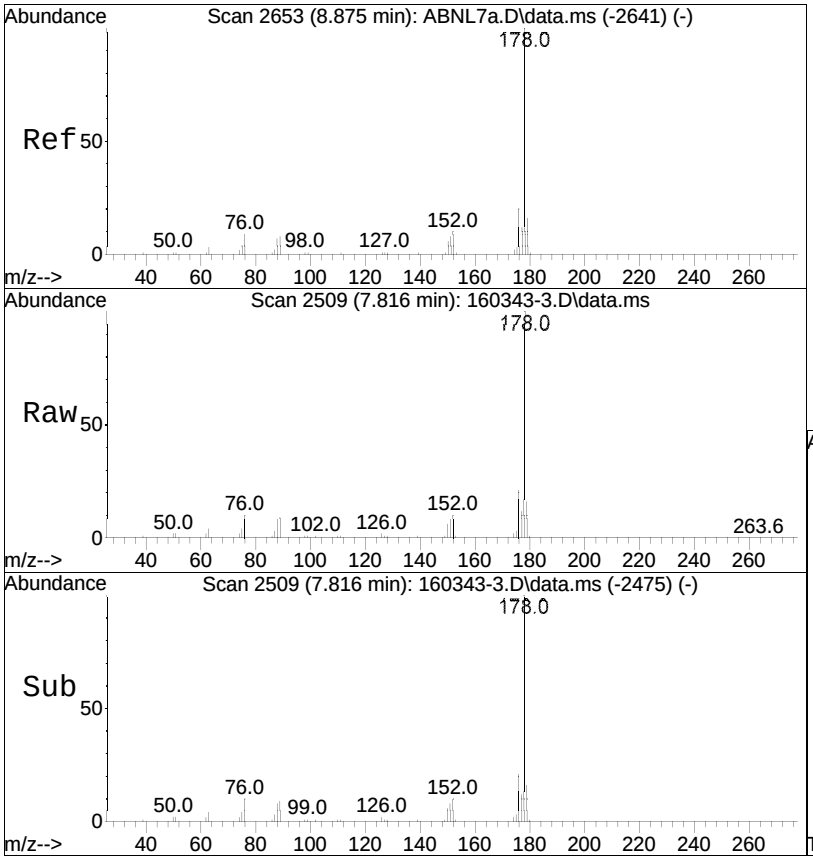


#87
Atrazine
Concen: 43.15 ug/ml
RT: 7.665 min Scan# 2456
Delta R.T. 0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:200 Resp: 186349

Ion	Ratio	Lower	Upper
200	100		
202	42.7	24.9	37.3#
215	39.7	34.0	51.0

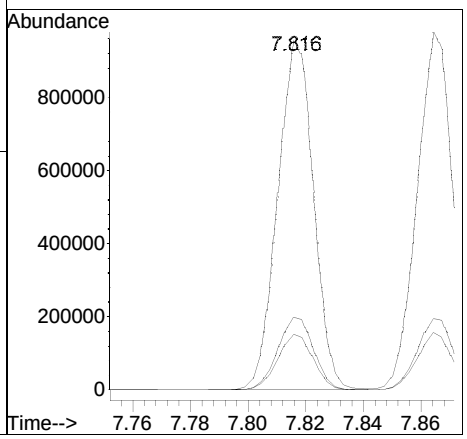


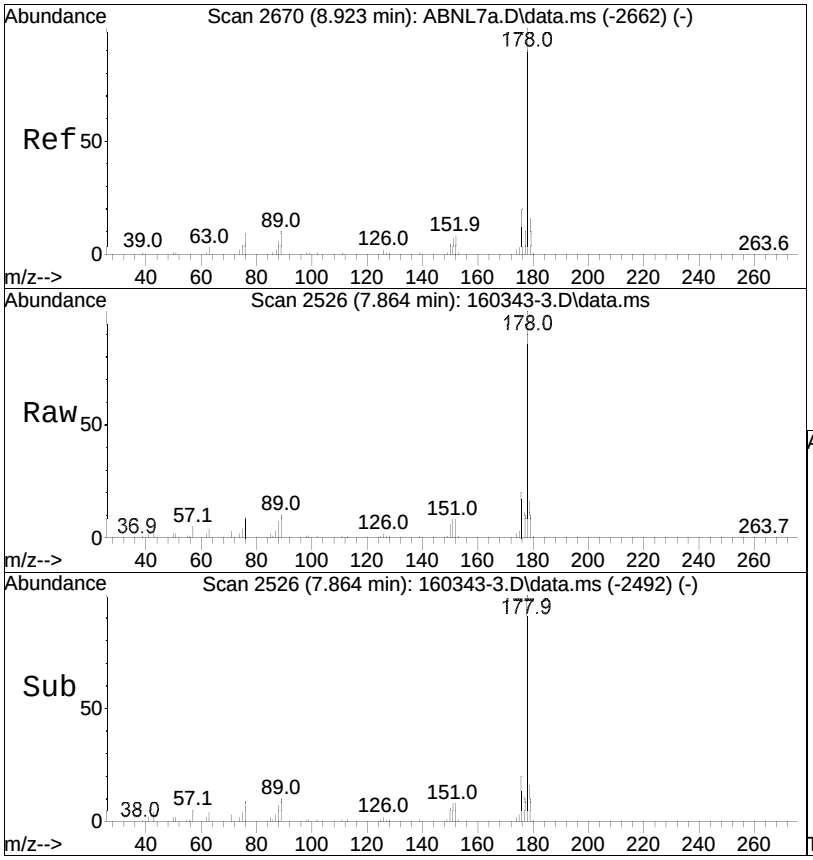


#89
Phenanthrene
Concen: 32.88 ug/ml
RT: 7.816 min Scan# 2509
Delta R.T. -0.003 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:178 Resp: 827059

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.2
176	20.7	15.4	23.2

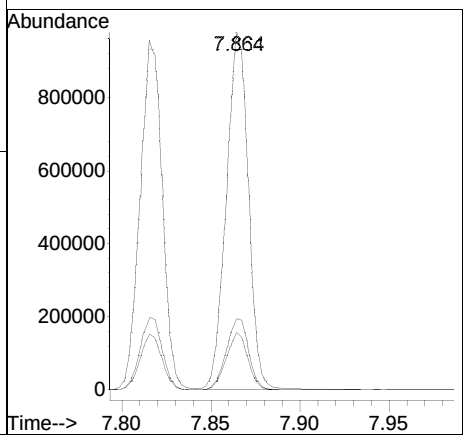


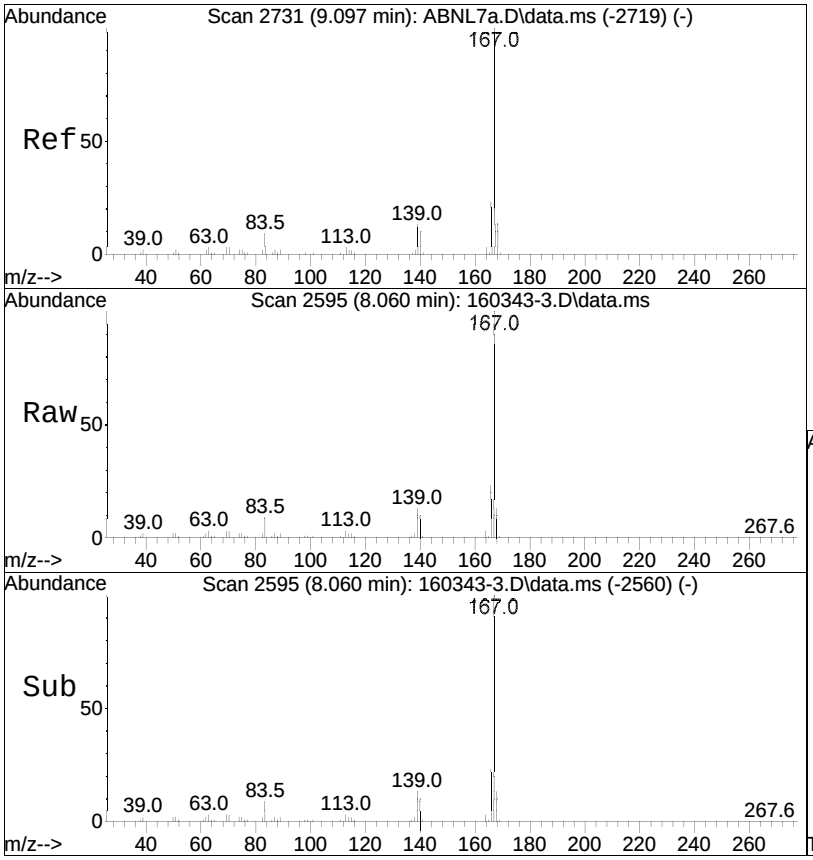


#90
Anthracene
Concen: 33.78 ug/ml
RT: 7.864 min Scan# 2526
Delta R.T. -0.003 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:178 Resp: 843157

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	19.9	14.8	22.2

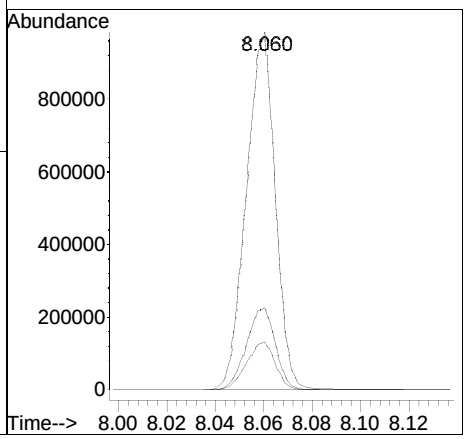


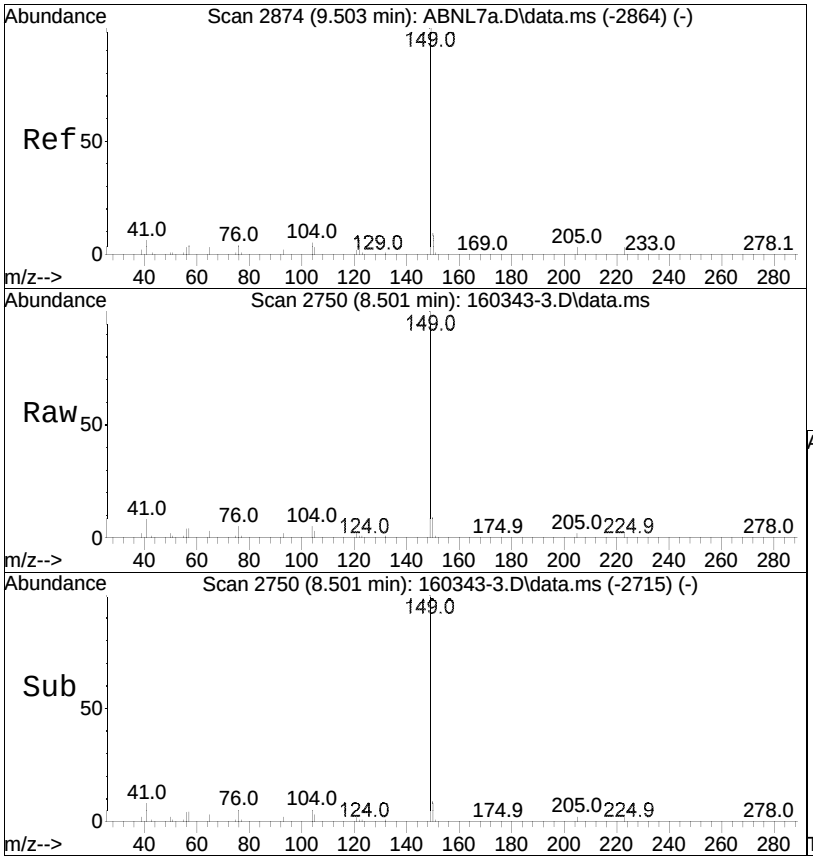


#91
Carbazole
Concen: 35.70 ug/ml
RT: 8.060 min Scan# 2595
Delta R.T. -0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:167 Resp: 807647

Ion	Ratio	Lower	Upper
167	100		
168	13.6	10.6	15.8
166	23.2	17.7	26.5

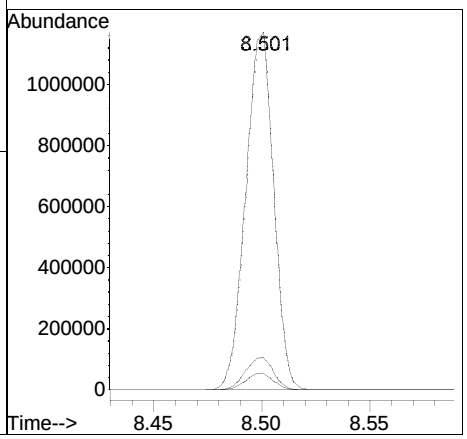


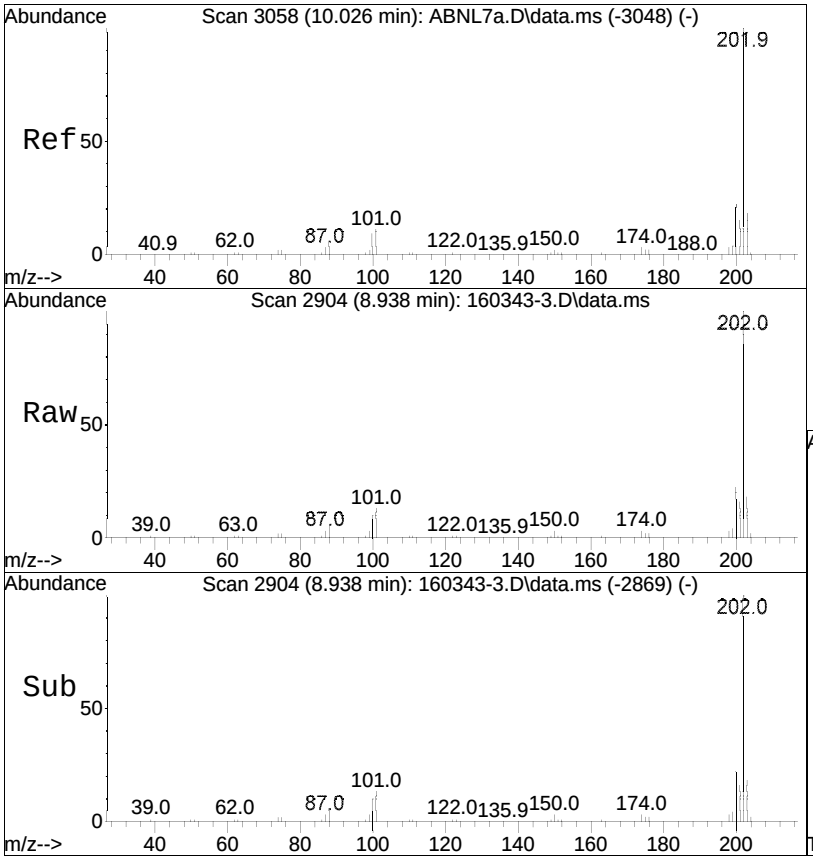


#92
Di-n-butylphthalate
Concen: 40.69 ug/ml
RT: 8.501 min Scan# 2750
Delta R.T. -0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:149 Resp: 1041022

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	4.7	4.2	6.2

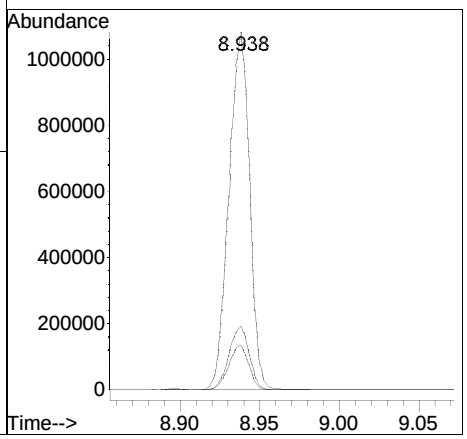


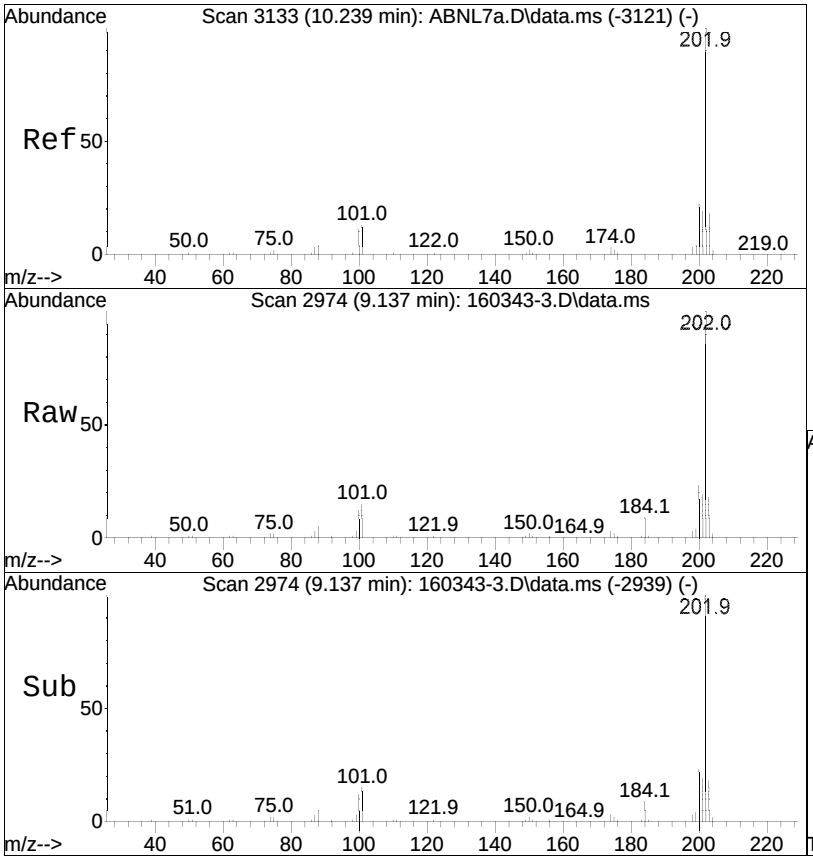


#93
Fluoranthene
Concen: 34.14 ug/ml
RT: 8.938 min Scan# 2904
Delta R.T. -0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:202 Resp: 962095

Ion	Ratio	Lower	Upper
202	100		
101	12.2	11.4	17.0
203	17.6	13.9	20.9

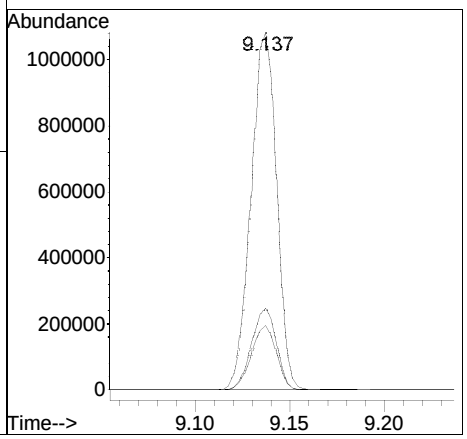


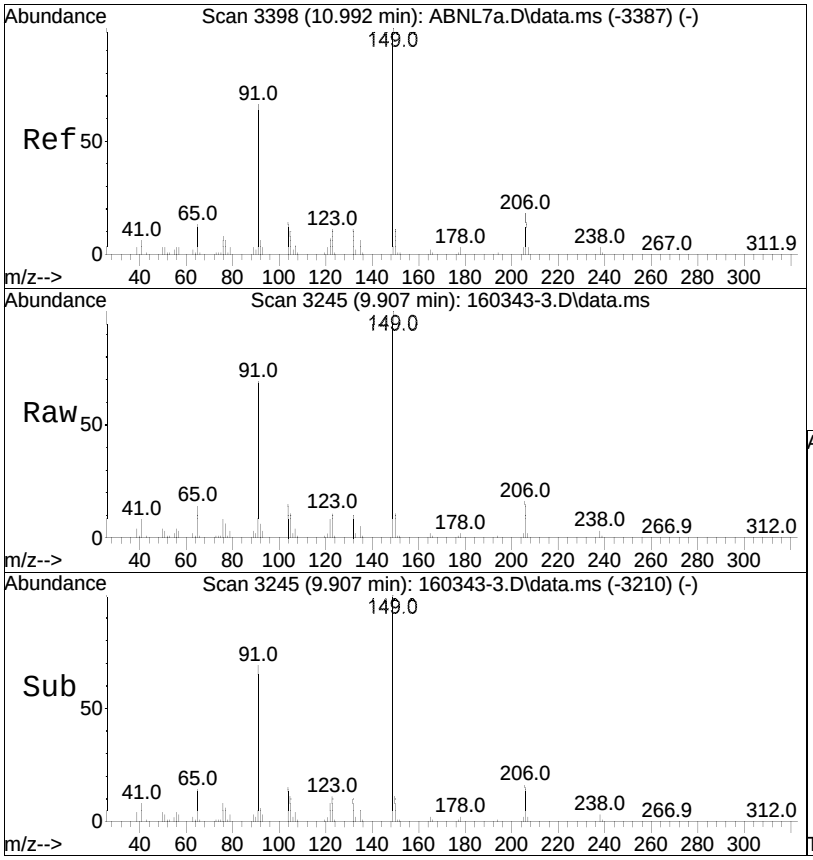


#95
Pyrene
Concen: 33.82 ug/ml
RT: 9.137 min Scan# 2974
Delta R.T. -0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:202 Resp: 1006388

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.0	25.4
203	17.8	14.2	21.2

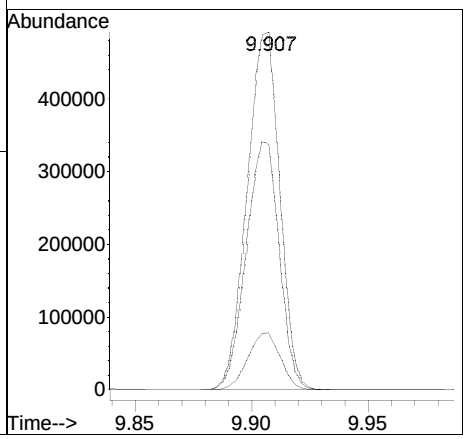


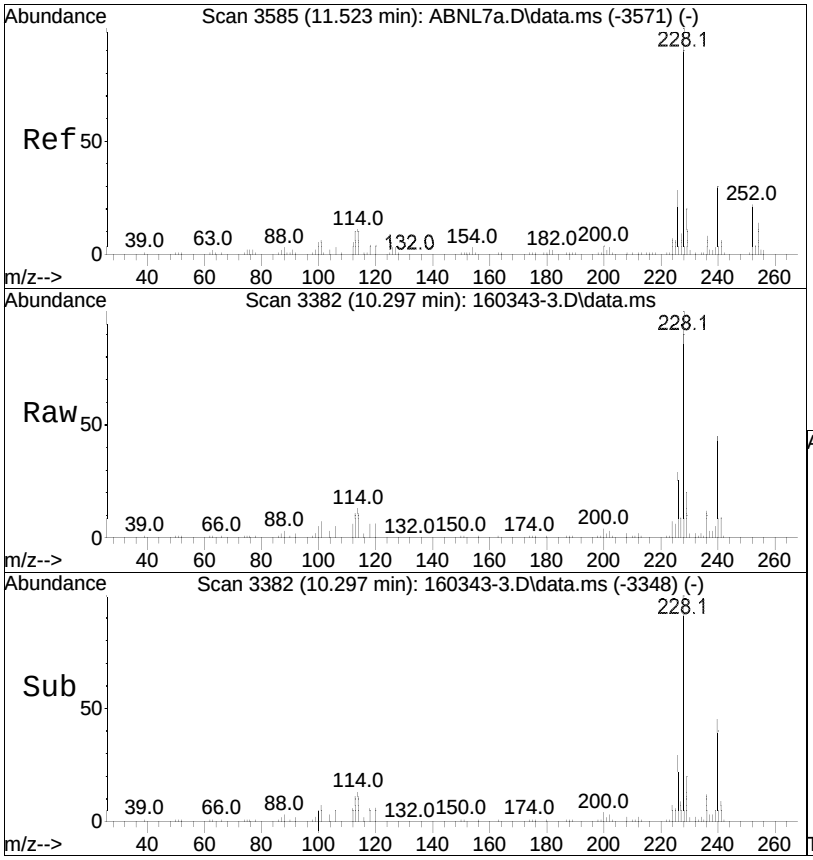


#97
Butyl benzyl phthalate
Concen: 41.87 ug/ml
RT: 9.907 min Scan# 3245
Delta R.T. -0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:149 Resp: 474986

Ion	Ratio	Lower	Upper
149	100		
91	70.1	61.2	91.8
206	15.9	12.5	18.7

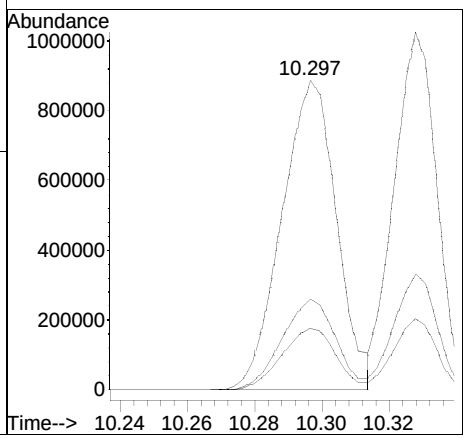


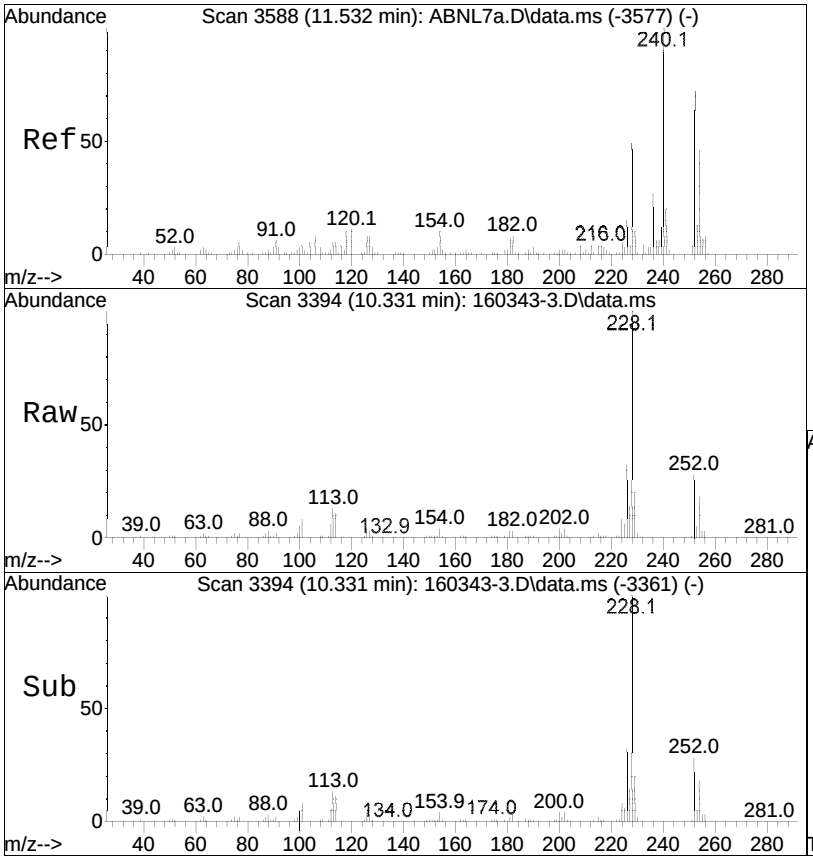


#105
Benzo(a)anthracene
Concen: 37.19 ug/ml
RT: 10.297 min Scan# 3382
Delta R.T. -0.003 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:228 Resp: 1000010

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.2	33.2
229	19.5	15.6	23.4

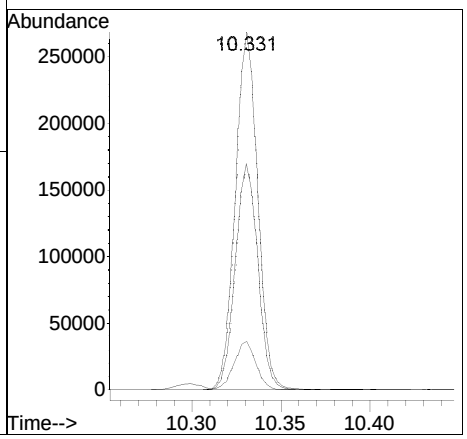


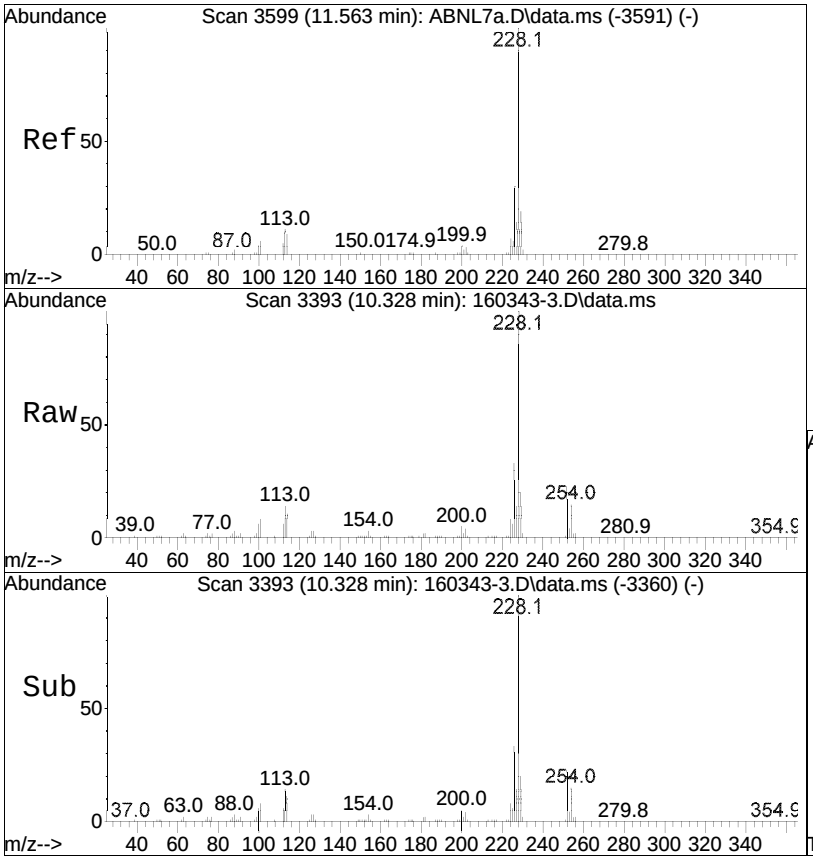


#106
3,3'-Dichlorobenzidine
Concen: 23.28 ug/ml
RT: 10.331 min Scan# 3394
Delta R.T. -0.006 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:252 Resp: 233539

Ion	Ratio	Lower	Upper
252	100		
126	13.4	13.8	20.6#
254	63.6	53.0	79.6

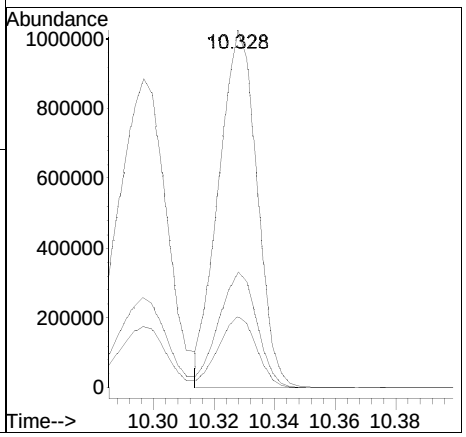


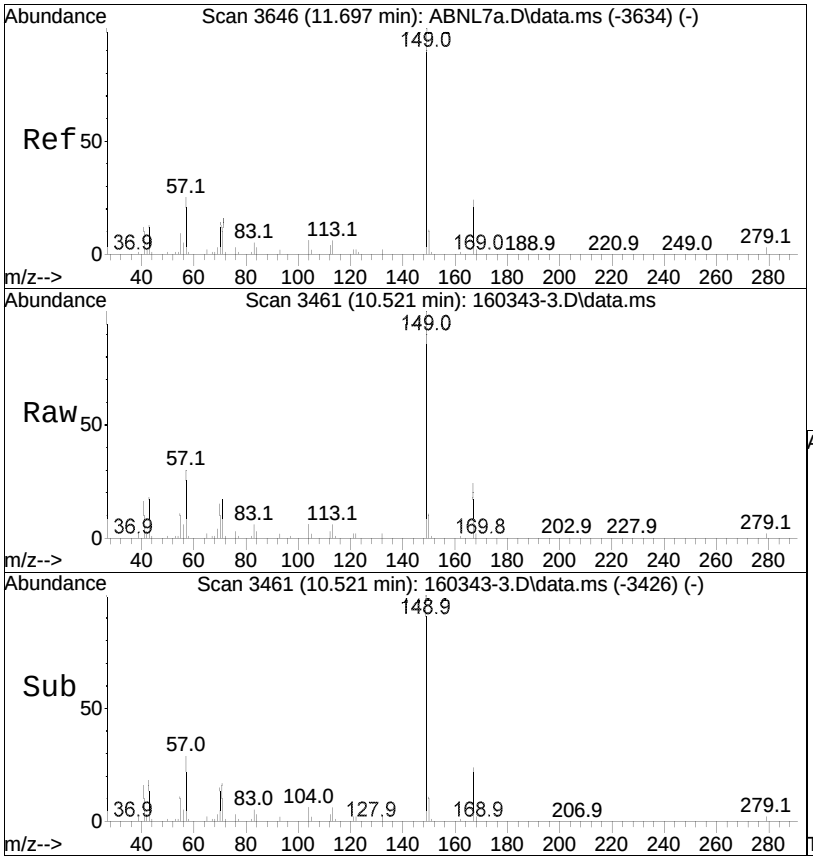


#107
Chrysene
Concen: 35.66 ug/ml
RT: 10.328 min Scan# 3393
Delta R.T. -0.006 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:228 Resp: 902204

Ion	Ratio	Lower	Upper
228	100		
226	32.8	24.6	37.0
229	20.2	15.8	23.6

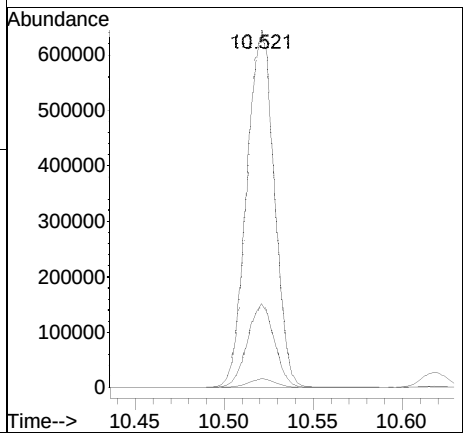


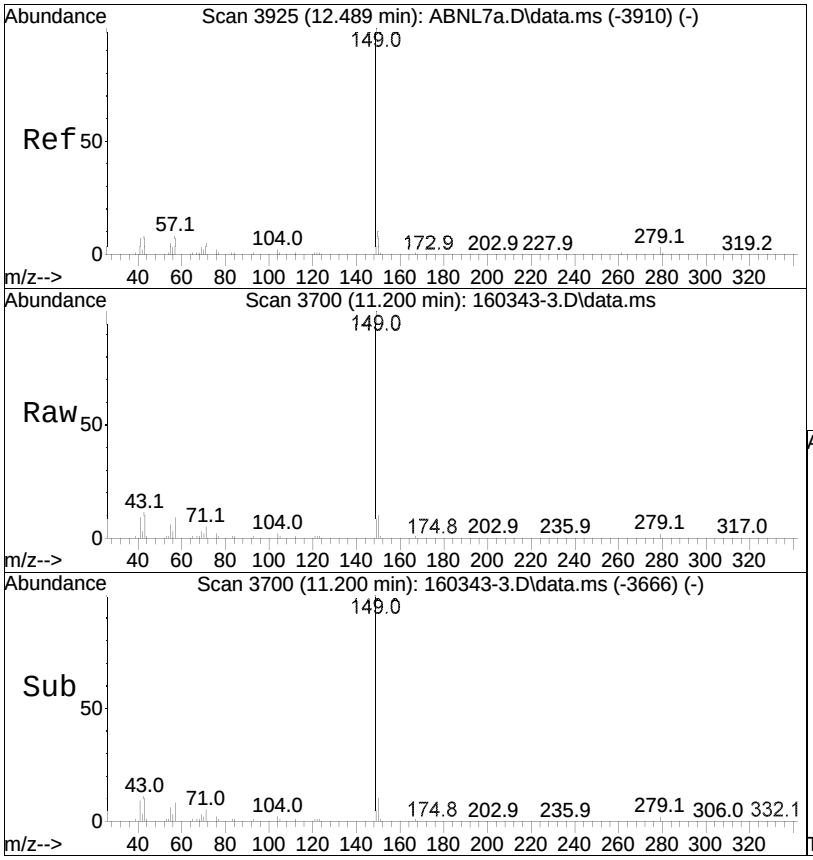


#108
Bis(2-ethylhexyl)phthalate
Concen: 47.43 ug/ml
RT: 10.521 min Scan# 3461
Delta R.T. -0.000 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:149 Resp: 686715

Ion	Ratio	Lower	Upper
149	100		
167	23.1	19.4	29.0
279	2.2	2.3	3.5#

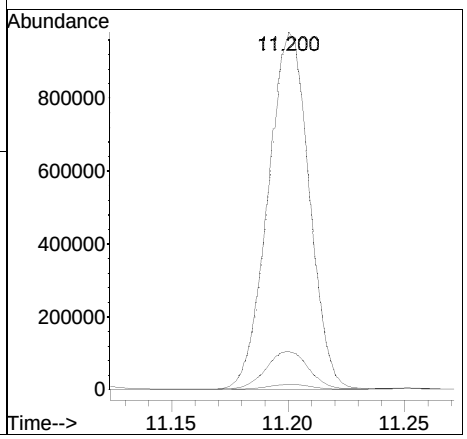


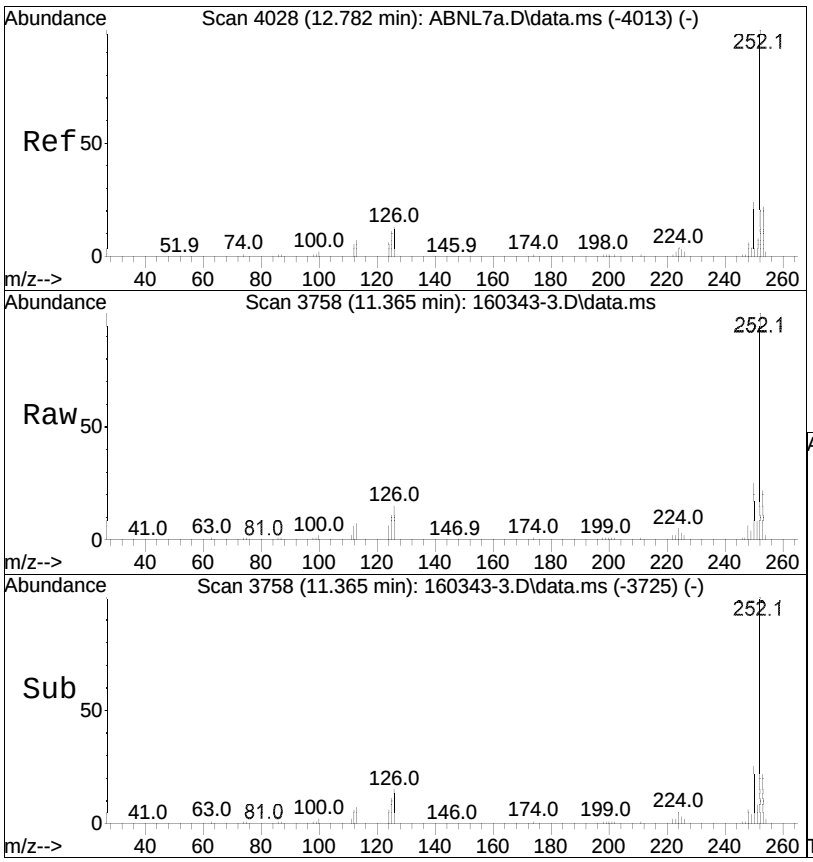


#109
Di-n-octylphthalate
Concen: 41.57 ug/ml
RT: 11.200 min Scan# 3700
Delta R.T. -0.003 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:149 Resp: 1192599

Ion	Ratio	Lower	Upper
149	100		
43	11.1	10.1	15.1
167	1.4	1.1	1.7

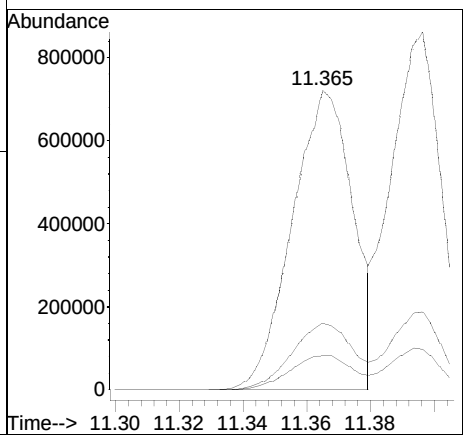


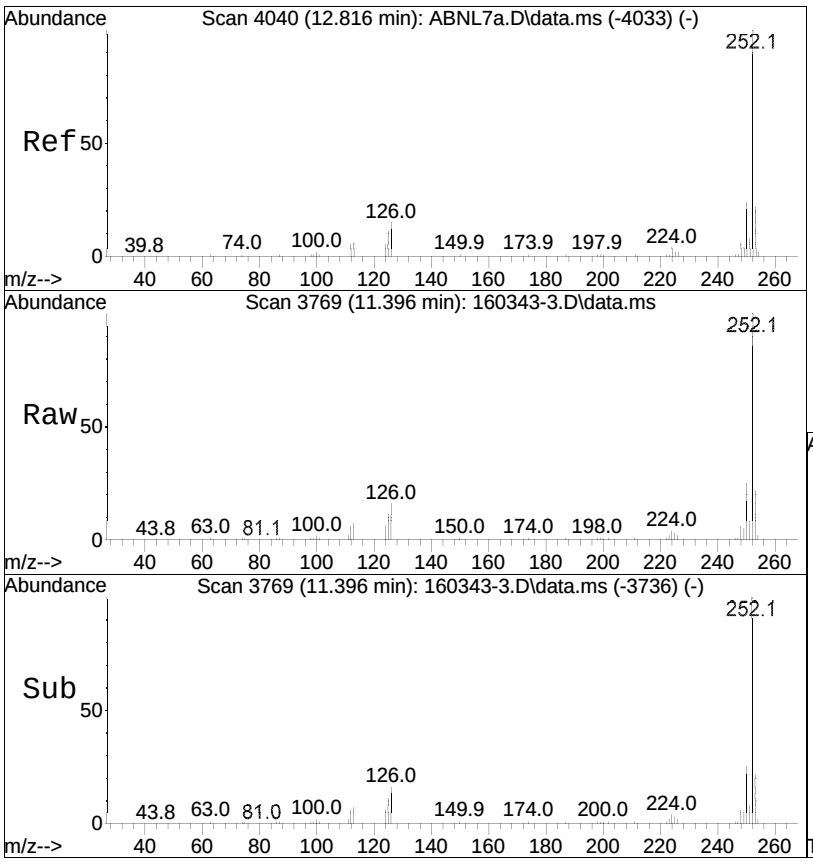


#110
Benzo(b)fluoranthene
Concen: 36.61 ug/ml
RT: 11.365 min Scan# 3758
Delta R.T. -0.006 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:252 Resp: 957124

Ion	Ratio	Lower	Upper
252	100		
125	11.9	11.6	17.4
253	22.2	17.4	26.0

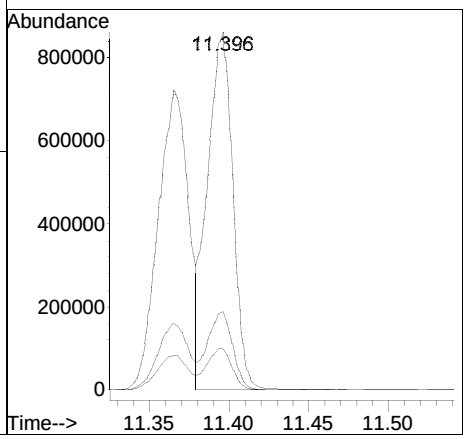


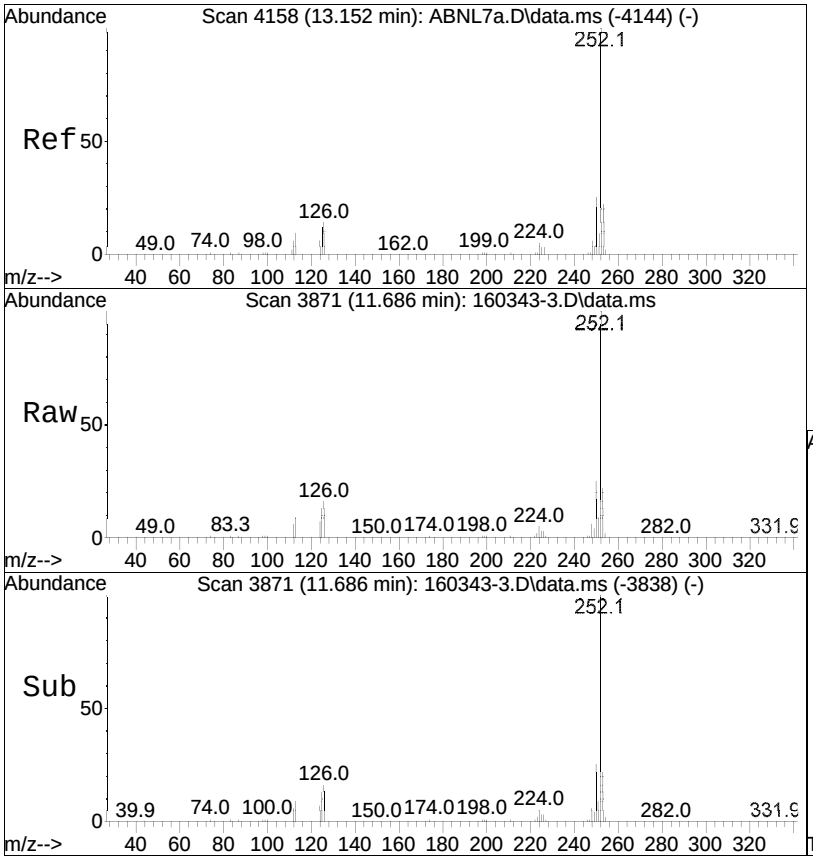


#111
Benzo(k)fluoranthene
Concen: 37.17 ug/ml
RT: 11.396 min Scan# 3769
Delta R.T. -0.006 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:252 Resp: 948778

Ion	Ratio	Lower	Upper
252	100		
125	11.5	11.4	17.0
253	21.7	17.2	25.8

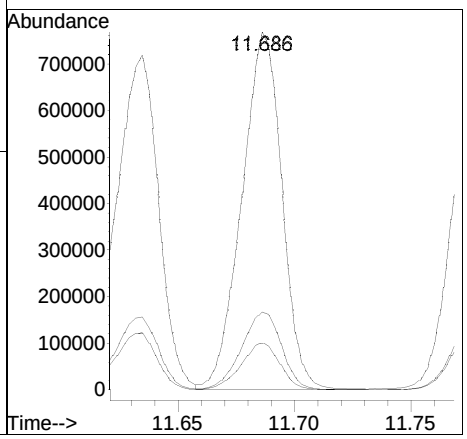


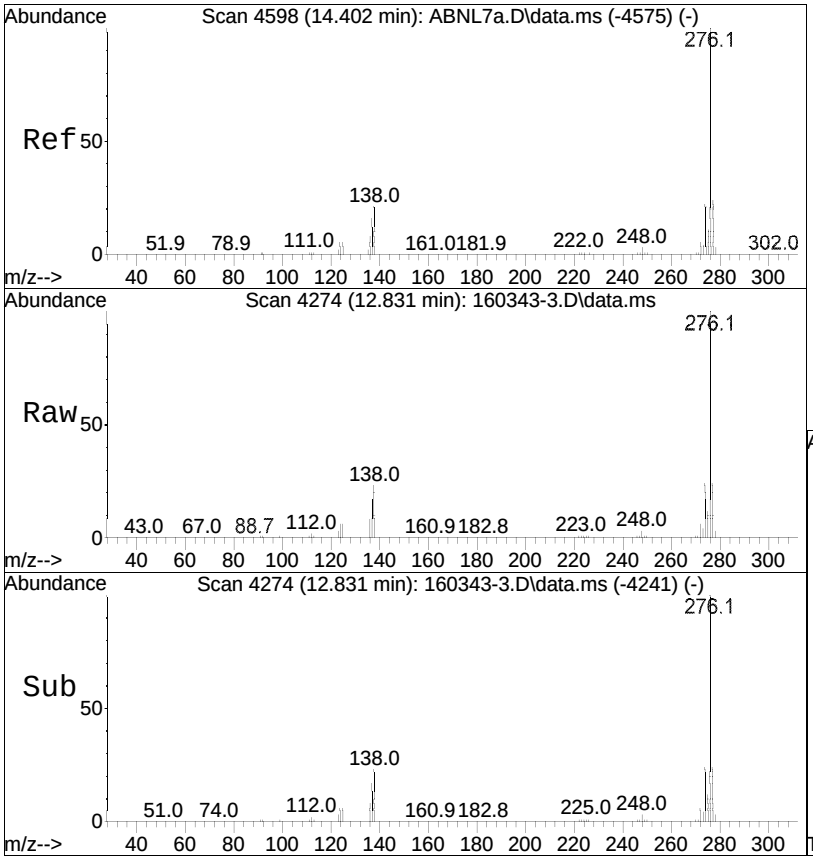


#112
Benzo(a)pyrene
Concen: 37.82 ug/ml
RT: 11.686 min Scan# 3871
Delta R.T. -0.006 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:252 Resp: 916389

Ion	Ratio	Lower	Upper
252	100		
125	12.8	12.6	18.8
253	21.8	16.9	25.3

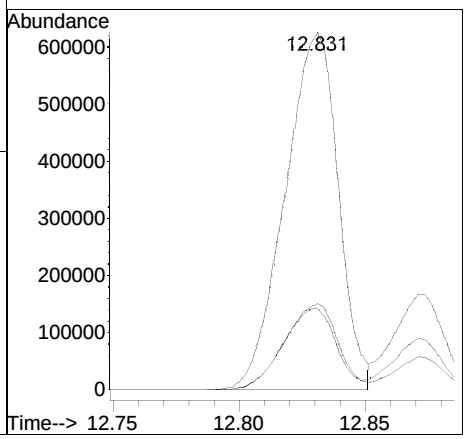


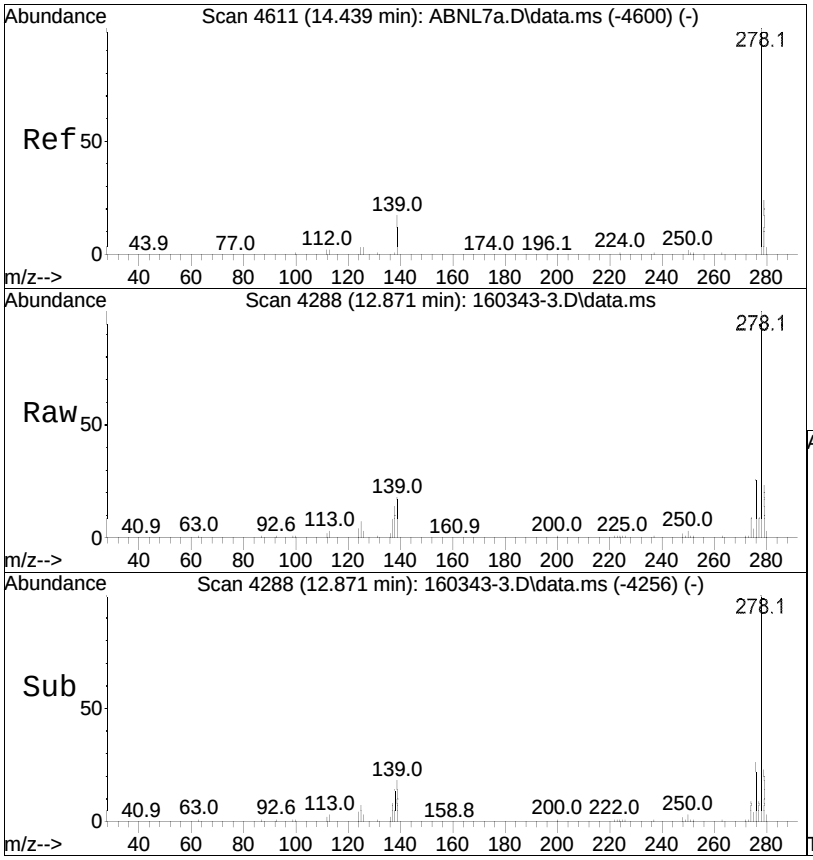


#114
Indeno(1,2,3-cd)pyrene
Concen: 36.77 ug/mL
RT: 12.831 min Scan# 4274
Delta R.T. -0.006 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:276 Resp: 914010

Ion	Ratio	Lower	Upper
276	100		
138	22.9	21.4	32.0
277	24.3	19.2	28.8

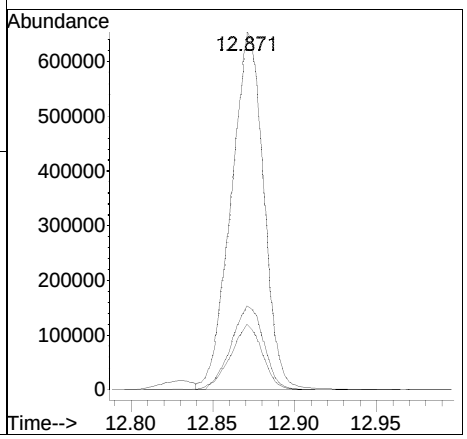


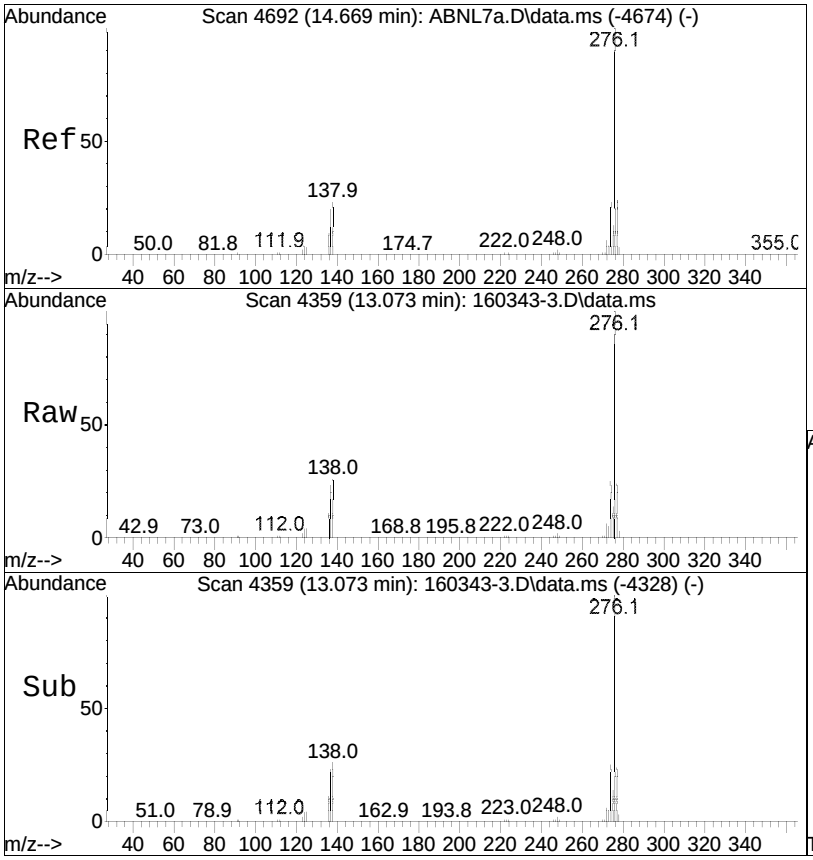


#115
Dibenzo(a,h)anthracene
Concen: 35.85 ug/ml
RT: 12.871 min Scan# 4288
Delta R.T. -0.009 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:278 Resp: 896583

Ion	Ratio	Lower	Upper
278	100		
139	17.9	17.1	25.7
279	23.8	19.3	28.9

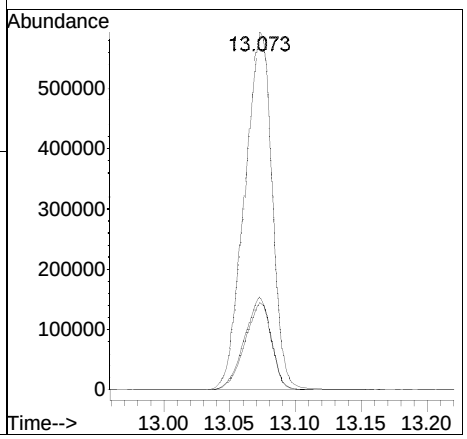




#116
Benzo(ghi)perylene
Concen: 34.66 ug/ml
RT: 13.073 min Scan# 4359
Delta R.T. -0.011 min
Lab File: 160343-3.D
Acq: 3 Jan 2026 9:30 am

Tgt Ion:276 Resp: 856558

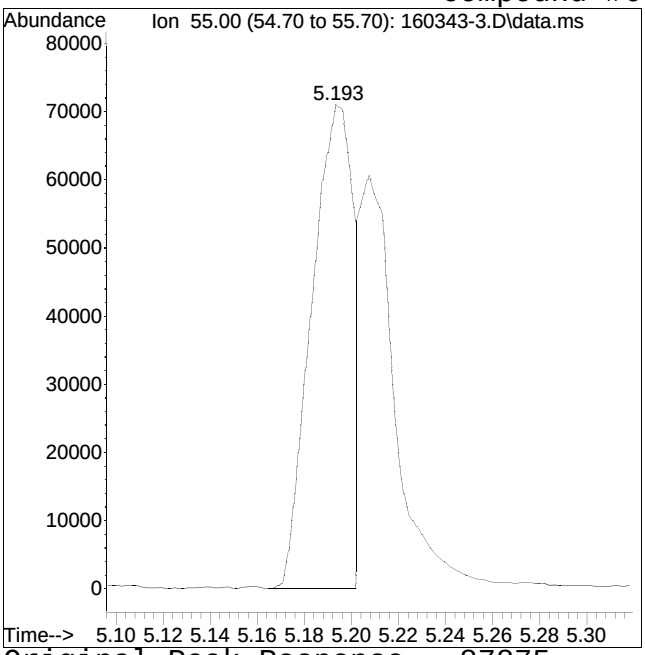
Ion	Ratio	Lower	Upper
276	100		
138	25.3	26.7	40.1#
277	24.0	19.4	29.2



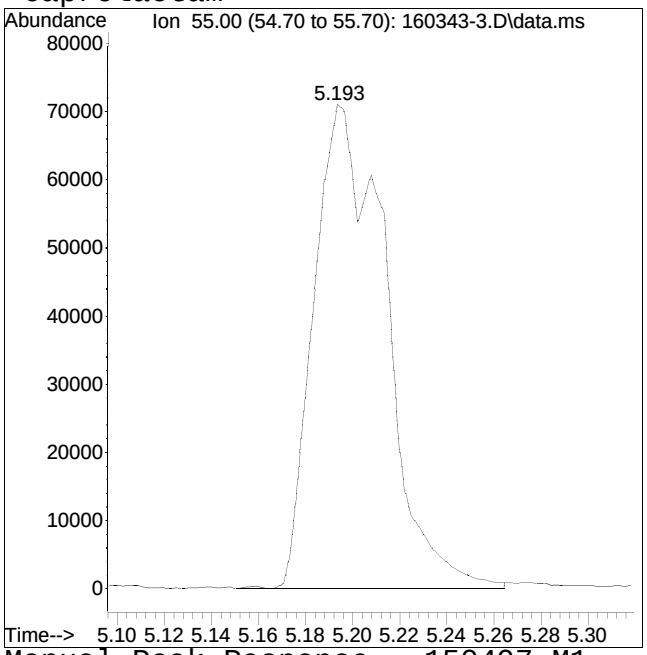
Manual Integration Report

Data Path	: I:\8270\SV103\260103\	QMethod	: FS251116SV103.m
Data File	: 160343-3.D	Operator	: SV103:cmm
Date Inj'd	: 1/3/2026 9:30 am	Instrument	: SV103
Sample	: WG2160343-3,32,,gmr	Quant Date	: 1/3/2026 9:47 am

Compound #60: Caprolactam



Original Peak Response = 87875



Manual Peak Response = 150497 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\251229\
Data File : 159340-3.D
Acq On : 29 Dec 2025 12:26 pm
Operator : GCMS5:cmm
Sample : WG2159340-3,32,,smc
Misc : wg2159627,WG2159340,ical22516
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 05:54:57 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 29 14:24:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\251229\ABN1229.D
: 2 - I:\8270\GCMS5\251229\ADP1229.D
: 3 - I:\8270\GCMS5\251229\AP91229.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	5.612	152	174101	40.000	ug/ml		0.00
Standard Area 1 = 207886			Recovery = 83.75%				
27) IS2_1,4-Dichlorobenzen...	5.612	152	174101	40.000	ug/ml		0.00
Standard Area 3 = 201235			Recovery = 86.52%				
32) IS3_1,4-Dichlorobenzen...	5.612	152	174101	40.000	ug/ml		0.00
Standard Area 2 = 199342			Recovery = 87.34%				
35) IS1_Naphthalene-d8	6.946	136	679398	40.000	ug/ml		0.00
Standard Area 1 = 830427			Recovery = 81.81%				
55) IS2_Naphthalene-d8	6.946	136	679398	40.000	ug/ml		0.00
Standard Area 3 = 774576			Recovery = 87.71%				
63) IS1_Acenaphthene-d10	8.685	164	423911	40.000	ug/ml		0.00
Standard Area 1 = 492520			Recovery = 86.07%				
83) IS2_Acenaphthene-d10	8.685	164	423911	40.000	ug/ml		0.00
Standard Area 3 = 468814			Recovery = 90.42%				
86) IS3_Acenaphthene-d10	8.685	164	423911	40.000	ug/ml		0.00
Standard Area 2 = 477897			Recovery = 88.70%				
88) IS1_Phenanthrene-d10	10.124	188	857042	40.000	ug/ml	#	0.00
Standard Area 1 = 999664			Recovery = 85.73%				
100) IS3_Phenanthrene-d10	10.124	188	857042	40.000	ug/ml	#	0.00
Standard Area 2 = 1027642			Recovery = 83.40%				
104) IS1_Chrysene-d12	12.857	240	886840	40.000	ug/ml		0.00
Standard Area 1 = 1046728			Recovery = 84.72%				
113) IS1_Perylene-d12	14.584	264	1033047	40.000	ug/ml		0.00
Standard Area 1 = 1120829			Recovery = 92.17%				
System Monitoring Compounds							
4) 2-Fluorophenol	4.084	112	189925	39.069	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 78.14%				
7) Phenol-d6	5.289	99	261512	39.867	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 79.73%				
19) Nitrobenzene-d5	6.211	82	123137	20.606	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 82.42%				
46) 2-Fluorobiphenyl	8.044	172	276526	17.787	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 71.15%				
79) 2,4,6-Tribromophenol	9.455	330	85512	32.303	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 64.61%				

Data Path : I:\8270\GCMS5\251229\
Data File : 159340-3.D
Acq On : 29 Dec 2025 12:26 pm
Operator : GCMS5:cmm
Sample : WG2159340-3,32,,smc
Misc : wg2159627,WG2159340,ical22516
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 05:54:57 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 29 14:24:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\251229\ABN1229.D
: 2 - I:\8270\GCMS5\251229\ADP1229.D
: 3 - I:\8270\GCMS5\251229\AP91229.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	11.705	244	426853	17.345	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 69.38%

Target Compounds					Qvalue
6) 2-Chlorophenol	5.389	128	171238	29.367 ug/ml	95
8) Phenol	5.301	94	230510	33.373 ug/ml#	64
9) Bis(2-chloroethyl)ether	5.353	93	152706	30.159 ug/ml	98
14) Bis(2-chloroisopropyl)...	5.953	45	161858	19.373 ug/ml#	67
15) 2-Methylphenol	5.959	108	165557	32.156 ug/ml	94
16) Hexachloroethane	6.152	117	69434	27.354 ug/ml	86
17) n-Nitrosodi-n-propylamine	6.088	70	146509	35.379 ug/ml#	90
18) 3-Methylphenol/4-Methy...	6.129	108	184348	33.312 ug/ml	94
20) Nitrobenzene	6.235	77	203724	34.114 ug/ml	89
21) Isophorone	6.493	82	367486	33.759 ug/ml	95
22) 2-Nitrophenol	6.570	139	97515	32.790 ug/ml#	89
23) 2,4-Dimethylphenol	6.664	107	192570	33.586 ug/ml	97
24) Bis(2-chloroethoxy)met...	6.746	93	219951	31.817 ug/ml#	97
25) 2,4-Dichlorophenol	6.828	162	173898	31.287 ug/ml	98
28) Benzaldehyde	5.113	105	129268	35.889 ug/ml	93
29) Acetophenone	6.064	105	253468	34.354 ug/ml#	88
36) Naphthalene	6.969	128	511429	28.007 ug/ml	99
38) 4-Chloroaniline	7.046	65	48237	21.189 ug/ml	72
39) Hexachlorobutadiene	7.122	225	102536	26.378 ug/ml	99
40) p-Chloro-m-cresol	7.569	107	174561	35.068 ug/ml	93
41) 2-Methylnaphthalene	7.668	142	340036	29.913 ug/ml	94
43) Hexachlorocyclopentadiene	7.839	237	123524	25.976 ug/ml	99
44) 2,4,6-Trichlorophenol	7.968	196	144507	31.709 ug/ml	99
45) 2,4,5-Trichlorophenol	8.003	196	159292	31.820 ug/ml	98
47) 2-Chloronaphthalene	8.144	162	376777	28.768 ug/ml	96
48) 2-Nitroaniline	8.256	138	134422	34.681 ug/ml#	80
51) Dimethyl phthalate	8.456	163	464688	29.257 ug/ml#	98
52) Acenaphthylene	8.544	152	652629	29.567 ug/ml	98
53) 2,6-Dinitrotoluene	8.503	165	103425	33.134 ug/ml	95
60) Caprolactam	7.375	55	82551	33.651 ug/ml#	89
61) 1,2,4,5-Tetrachloroben...	7.839	216	210695	31.824 ug/ml	99
62) Biphenyl	8.133	154	484728	32.215 ug/ml	98
64) 3-Nitroaniline	8.656	138	94546	26.646 ug/ml#	78

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\251229\
Data File : 159340-3.D
Acq On : 29 Dec 2025 12:26 pm
Operator : GCMS5:cmm
Sample : WG2159340-3,32,,smc
Misc : wg2159627,WG2159340,ical22516
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 05:54:57 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 29 14:24:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\251229\ABN1229.D
: 2 - I:\8270\GCMS5\251229\ADP1229.D
: 3 - I:\8270\GCMS5\251229\AP91229.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65)	Acenaphthene	8.714	154	352437	28.697	ug/ml	92
66)	2,4-Dinitrophenol	8.761	184	75473	31.694	ug/ml	99
67)	Dibenzofuran	8.885	168	575656	28.693	ug/ml	97
68)	2,4-Dinitrotoluene	8.891	165	147076	26.014	ug/ml	96
69)	4-Nitrophenol	8.861	65	104264	37.555	ug/ml	86
71)	2,3,4,6-Tetrachlorophenol	9.020	232	136980	30.817	ug/ml	99
72)	Diethyl phthalate	9.149	149	465714	30.024	ug/ml	99
73)	Fluorene	9.220	166	480667	29.491	ug/ml	95
74)	4-Chlorophenyl phenyl ...	9.231	204	225440	28.715	ug/ml	97
75)	4-Nitroaniline	9.249	138	117231	31.051	ug/ml#	83
76)	4,6-Dinitro-o-cresol	9.290	198	99773	33.141	ug/ml	94
77)	NDPA/DPA	9.349	169	402646	29.666	ug/ml	90
80)	4-Bromophenyl phenyl e...	9.707	248	149460	29.687	ug/ml	96
81)	Hexachlorobenzene	9.760	284	163257	27.376	ug/ml	95
82)	Pentachlorophenol	9.960	266	111190	25.502	ug/ml	98
87)	Atrazine	9.889	200	147418	29.984	ug/ml	95
89)	Phenanthrene	10.142	178	728650	28.675	ug/ml	99
90)	Anthracene	10.195	178	752286	29.626	ug/ml	99
91)	Carbazole	10.359	167	707816	29.481	ug/ml	97
92)	Di-n-butylphthalate	10.741	149	820450	31.946	ug/ml	100
93)	Fluoranthene	11.300	202	901342	30.195	ug/ml#	95
95)	Pyrene	11.517	202	940718	29.122	ug/ml	98
97)	Butyl benzyl phthalate	12.257	149	398200	29.969	ug/ml	93
105)	Benzo(a)anthracene	12.839	228	975610	32.599	ug/ml	99
106)	3,3'-Dichlorobenzidine	12.839	252	296857	27.774	ug/ml#	98
107)	Chrysene	12.886	228	937680	34.105	ug/ml	99
108)	Bis(2-ethylhexyl)phtha...	12.968	149	597407	39.291	ug/ml#	93
109)	Di-n-octylphthalate	13.767	149	1062932	42.118	ug/ml	96
110)	Benzo(b)fluoranthene	14.132	252	992844	34.263	ug/ml	96
111)	Benzo(k)fluoranthene	14.167	252	934154	32.116	ug/ml	96
112)	Benzo(a)pyrene	14.513	252	932495	33.989	ug/ml	96
114)	Indeno(1,2,3-cd)pyrene	15.777	276	931846M6	31.211	ug/mL	
115)	Dibenzo(a,h)anthracene	15.806	278	875750	28.832	ug/ml	96
116)	Benzo(ghi)perylene	16.053	276	845205	29.175	ug/ml	94

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\251229\
Data File : 159340-3.D
Acq On : 29 Dec 2025 12:26 pm
Operator : GCMS5:cmm
Sample : WG2159340-3,32,,smc
Misc : wg2159627,WG2159340,ical22516
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 05:54:57 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 29 14:24:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\GCMS5\251229\ABN1229.D
: 2 - I:\8270\GCMS5\251229\ADP1229.D
: 3 - I:\8270\GCMS5\251229\AP91229.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

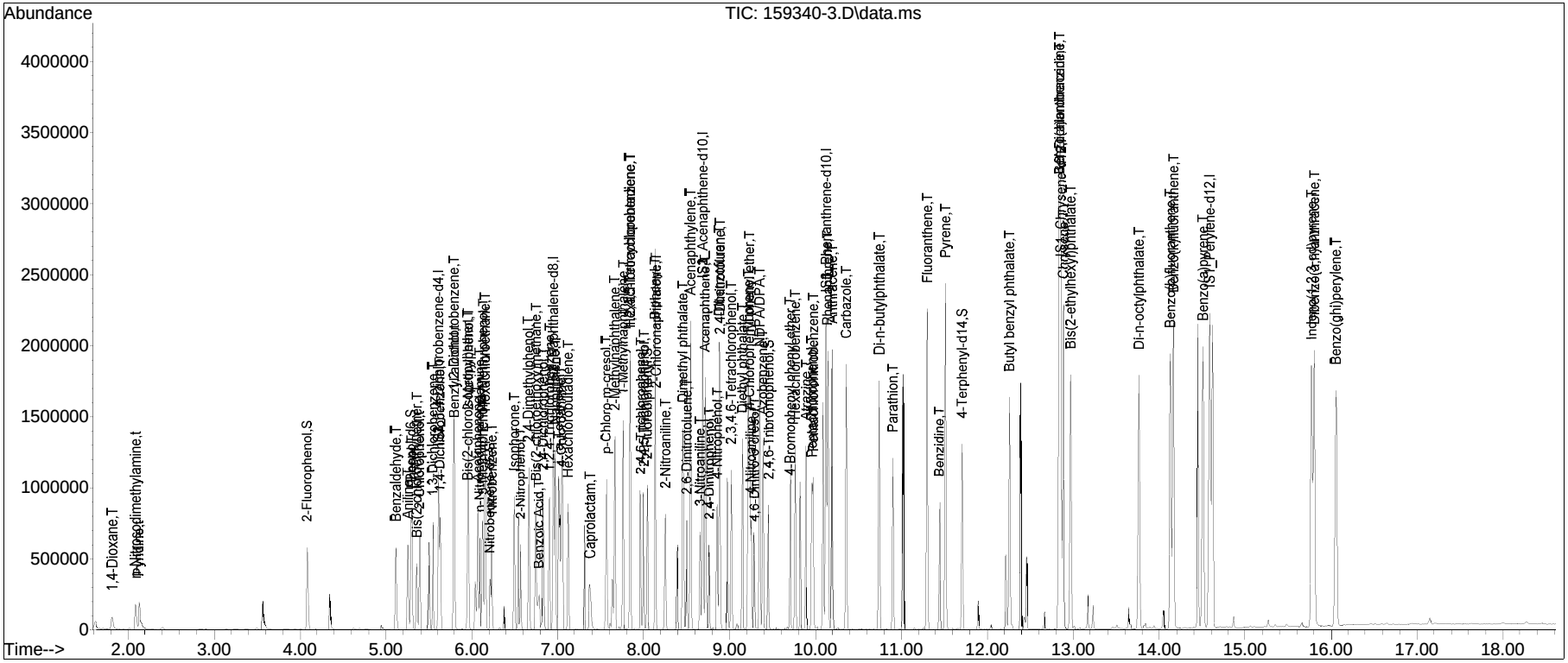
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

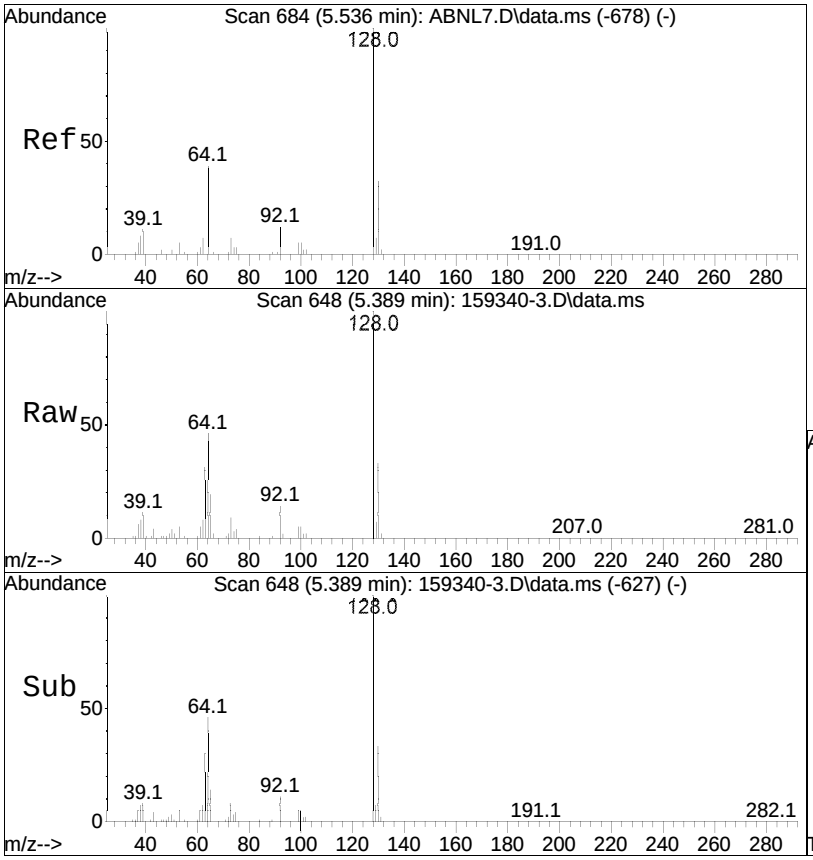
Quantitation Report (QT Reviewed)

Data Path : I:\8270\GCMS5\251229\
Data File : 159340-3.D
Acq On : 29 Dec 2025 12:26 pm
Operator : GCMS5:cmm
Sample : WG2159340-3,32,,smc
Misc : wg2159627,WG2159340,ical22516
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 30 05:54:57 2025
Quant Method : I:\8270\GCMS5\251229\FS250731GCMS5.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Mon Dec 29 14:24:00 2025
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MA\AP91229.D•

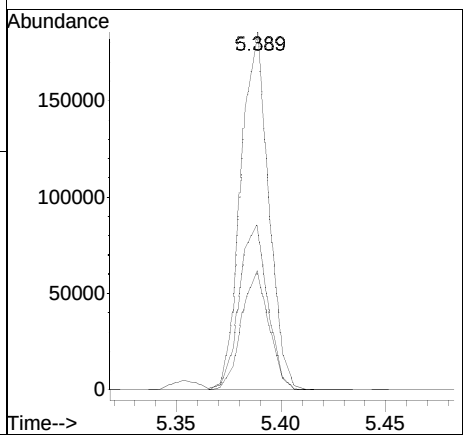


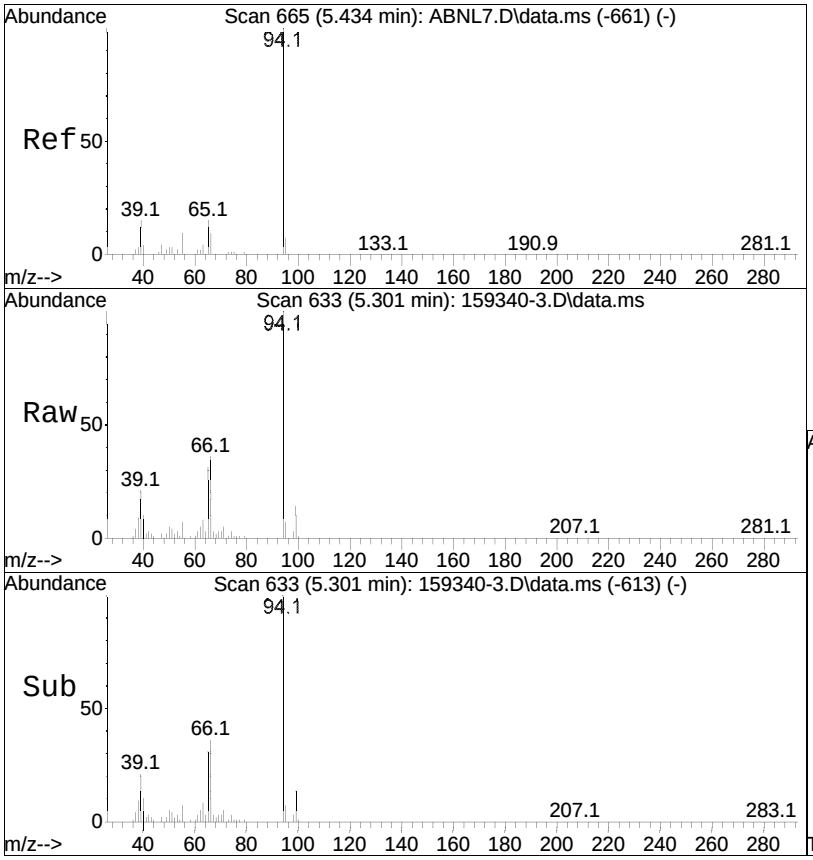


#6
2-Chlorophenol
Concen: 29.37 ug/ml
RT: 5.389 min Scan# 648
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:128 Resp: 171238

Ion	Ratio	Lower	Upper
128	100		
64	47.0	33.5	50.3
130	32.9	25.9	38.9

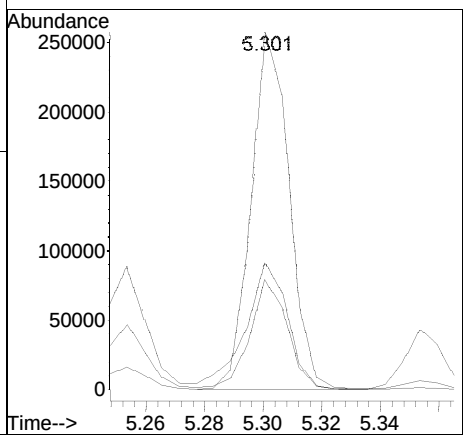


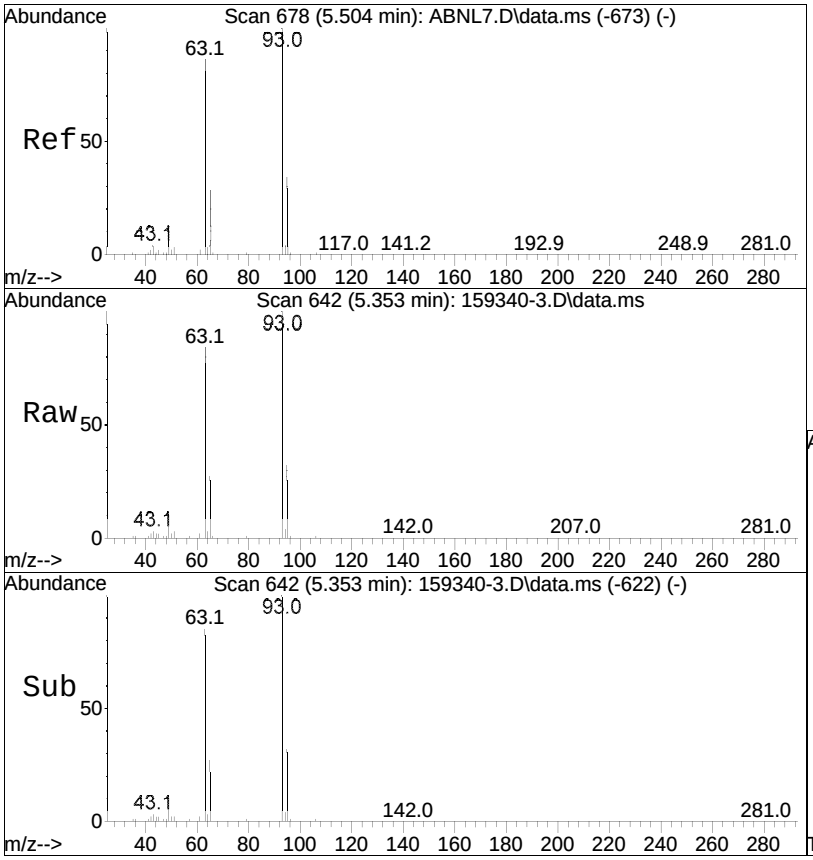


#8
Phenol
Concen: 33.37 ug/ml
RT: 5.301 min Scan# 633
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion: 94 Resp: 230510

Ion	Ratio	Lower	Upper
94	100		
65	30.5	38.8	58.2#
66	39.8	60.3	90.5#

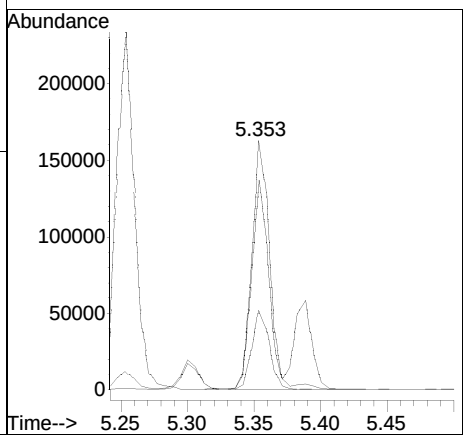


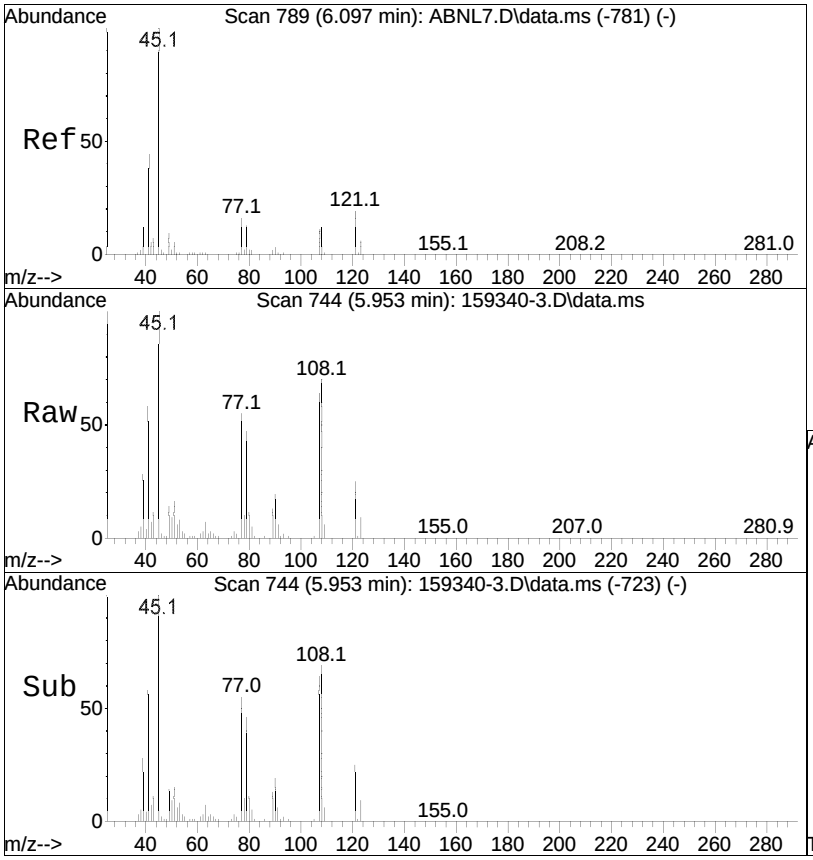


#9
Bis(2-chloroethyl)ether
Concen: 30.16 ug/ml
RT: 5.353 min Scan# 642
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion: 93 Resp: 152706

Ion	Ratio	Lower	Upper
93	100		
63	79.9	63.0	94.6
95	31.1	26.3	39.5

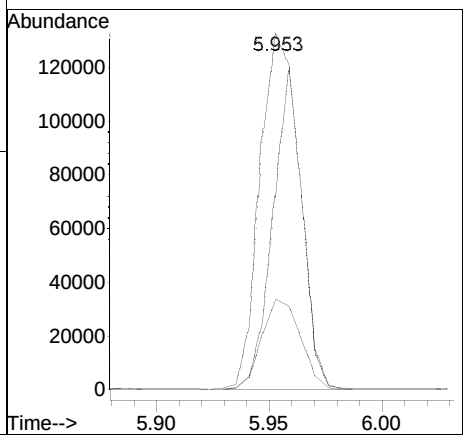


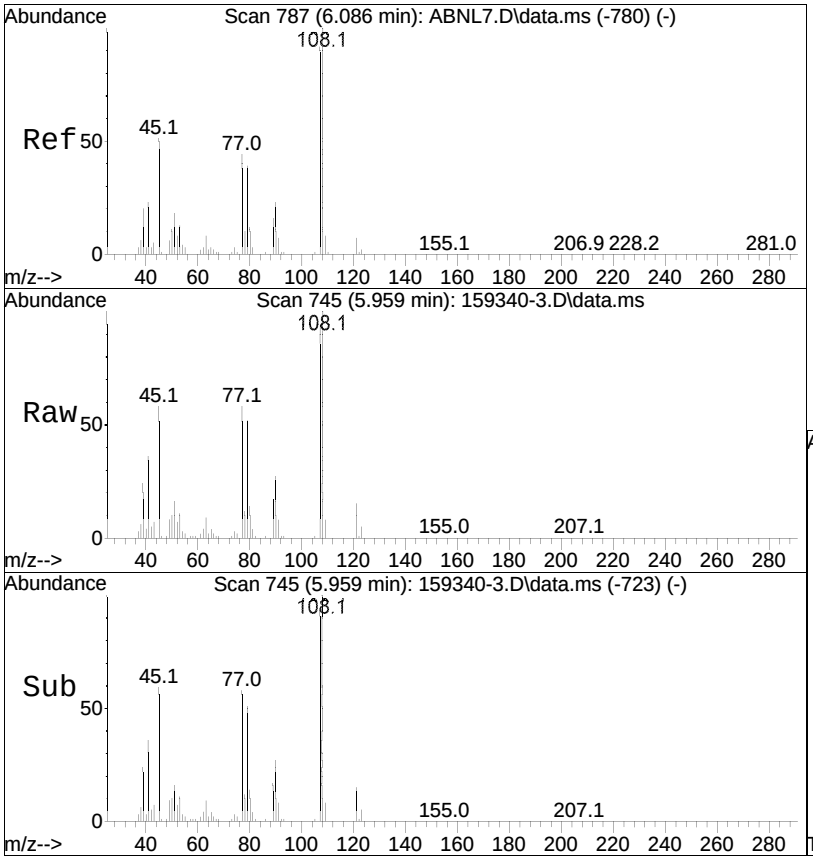


#14
Bis(2-chloroisopropyl)ether
Concen: 19.37 ug/ml
RT: 5.953 min Scan# 744
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion: 45 Resp: 161858

Ion	Ratio	Lower	Upper
45	100		
121	24.8	16.0	24.0#
77	67.8	32.1	48.1#

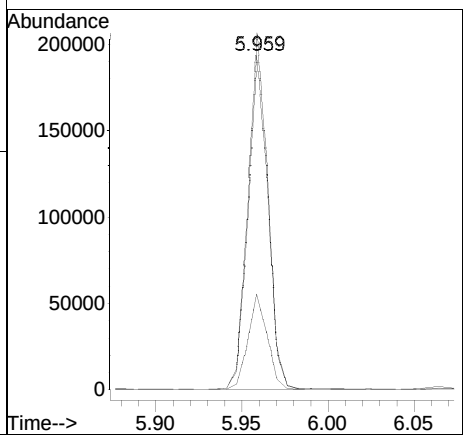


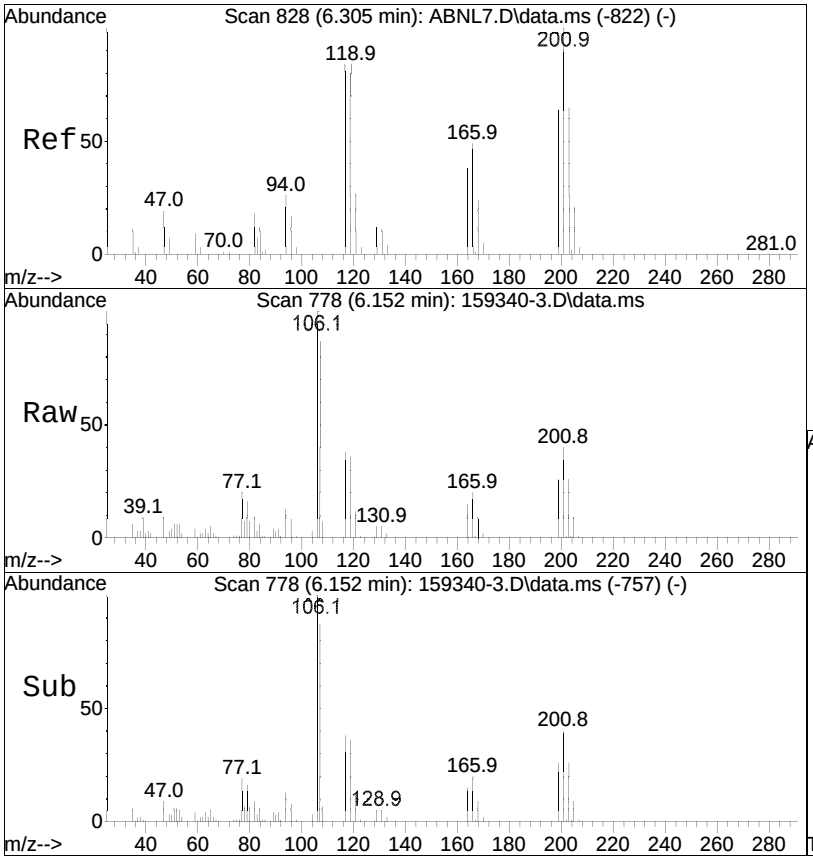


#15
2-Methylphenol
Concen: 32.16 ug/ml
RT: 5.959 min Scan# 745
Delta R.T. 0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:108 Resp: 165557

Ion	Ratio	Lower	Upper
108	100		
107	93.3	70.3	105.5
90	26.0	18.7	28.1

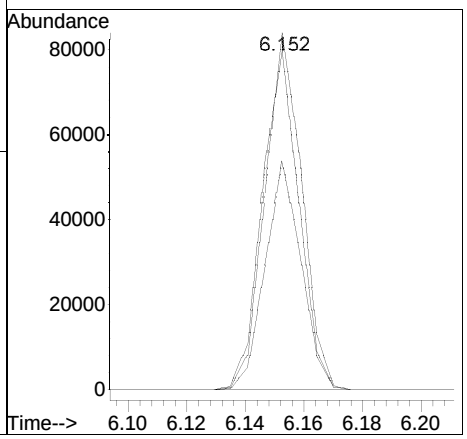


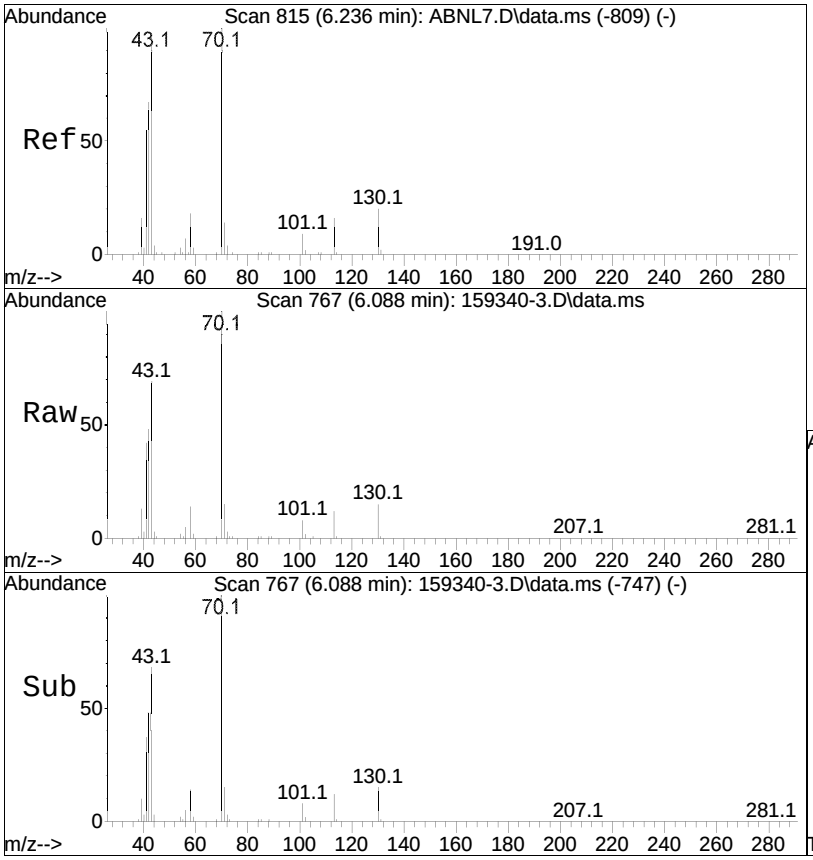


#16
Hexachloroethane
Concen: 27.35 ug/ml
RT: 6.152 min Scan# 778
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:117 Resp: 69434

Ion	Ratio	Lower	Upper
117	100		
201	105.7	73.4	110.0
199	66.2	45.9	68.9

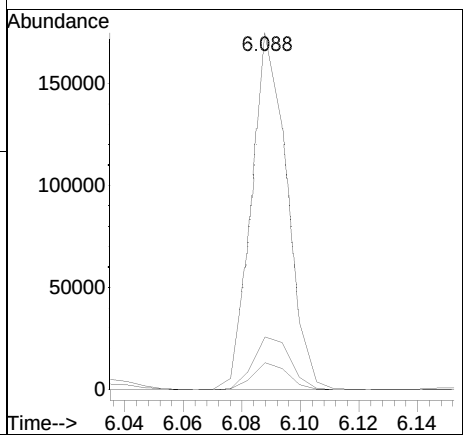


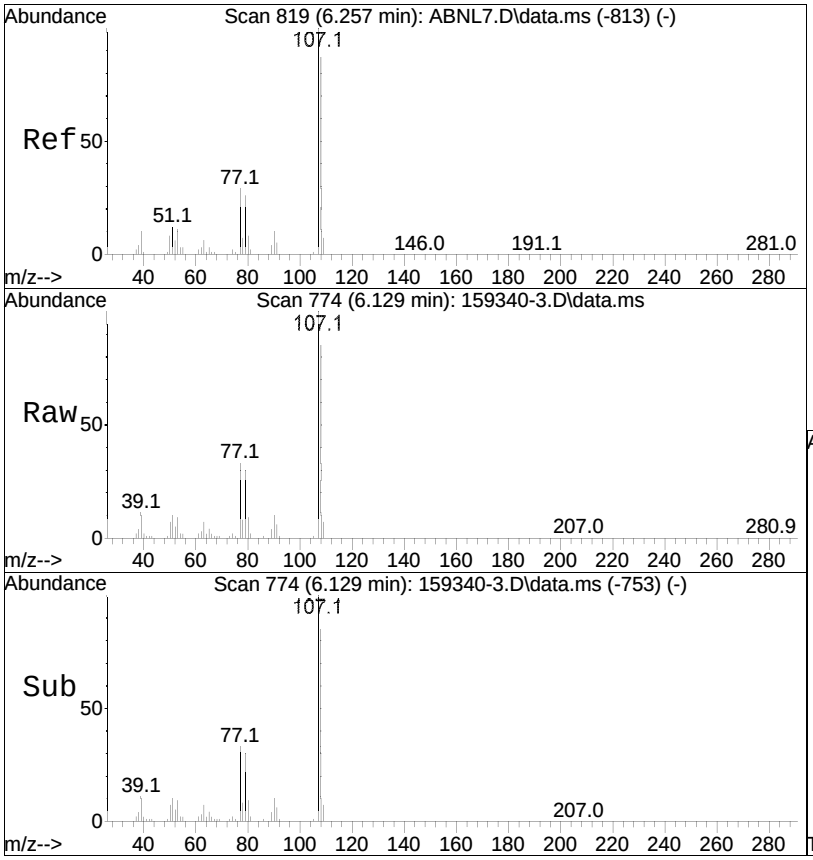


#17
n-Nitrosodi-n-propylamine
Concen: 35.38 ug/ml
RT: 6.088 min Scan# 767
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion: 70 Resp: 146509

Ion	Ratio	Lower	Upper
70	100		
130	15.4	17.1	25.7#
101	7.5	7.0	10.4

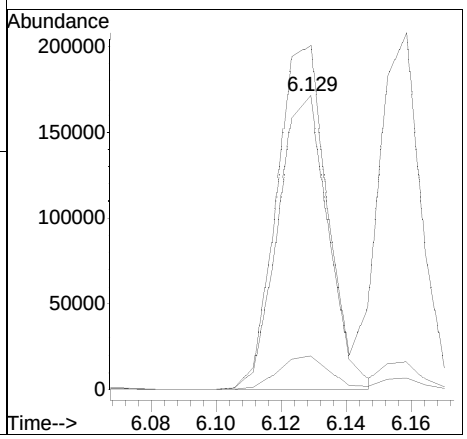


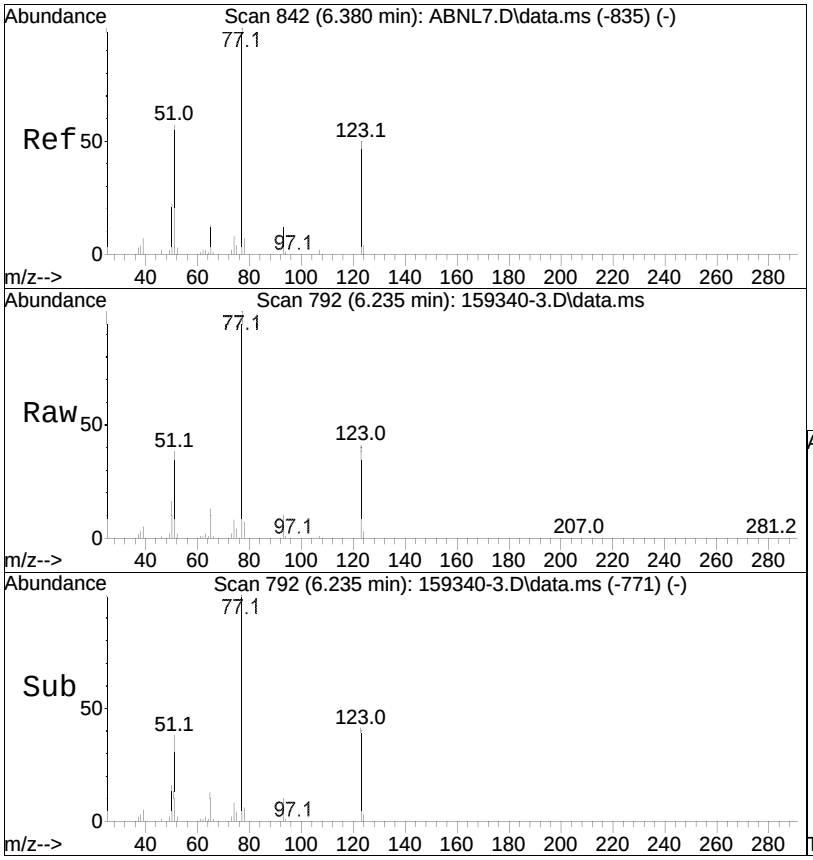


#18
3-Methylphenol/4-Methylphenol
Concen: 33.31 ug/ml
RT: 6.129 min Scan# 774
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:108 Resp: 184348

Ion	Ratio	Lower	Upper
108	100		
107	117.0	88.2	132.2
90	11.7	8.5	12.7

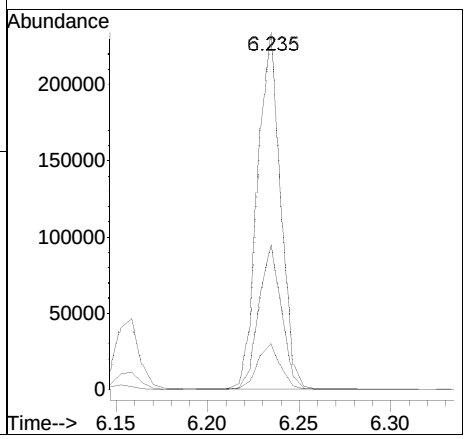


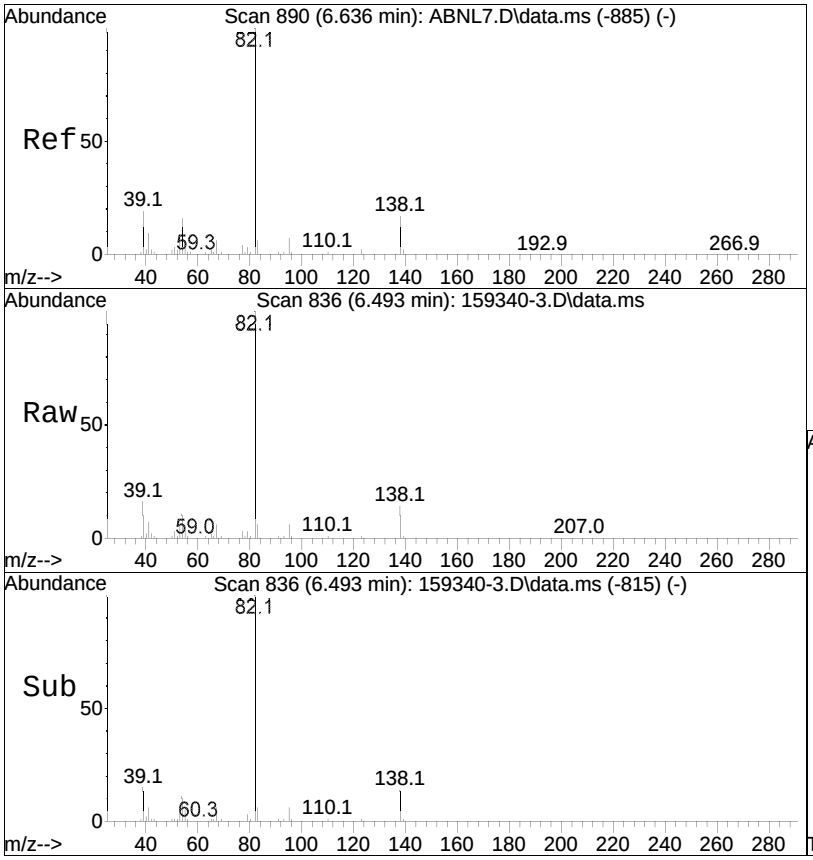


#20
Nitrobenzene
Concen: 34.11 ug/ml
RT: 6.235 min Scan# 792
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion: 77 Resp: 203724

Ion	Ratio	Lower	Upper
77	100		
123	40.1	39.5	59.3
65	12.9	11.0	16.6

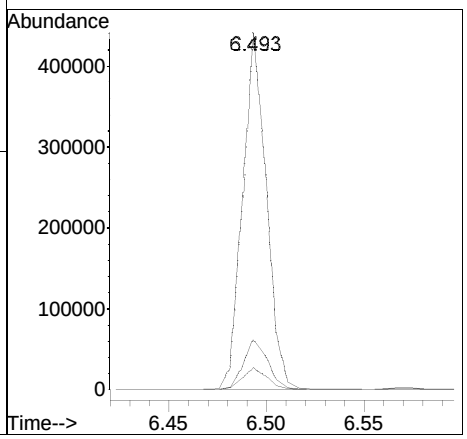


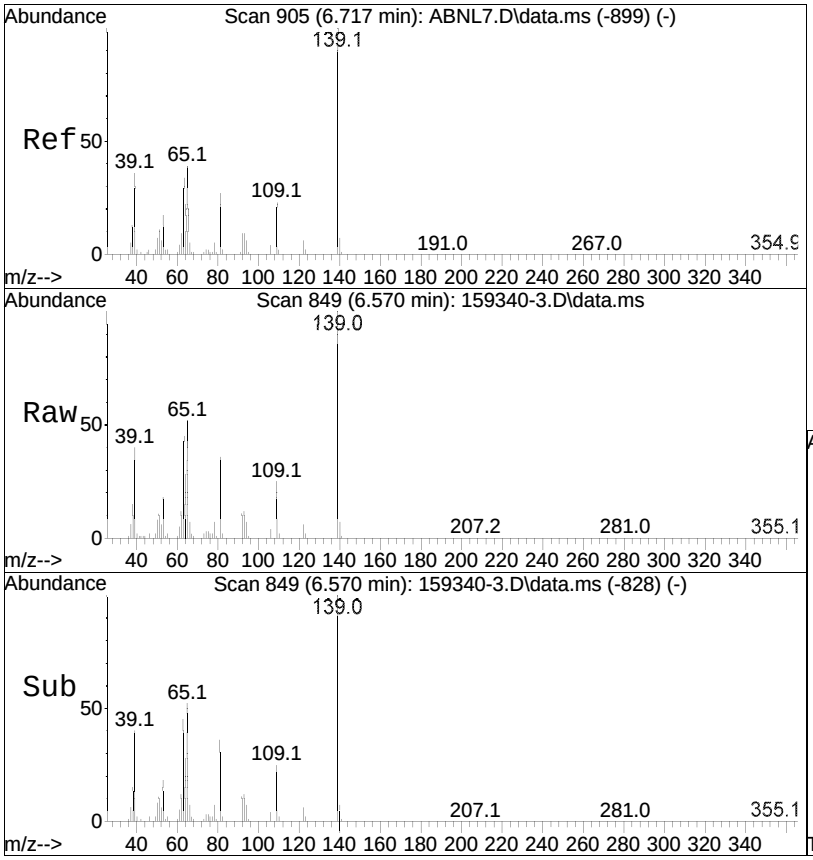


#21
Isophorone
Concen: 33.76 ug/ml
RT: 6.493 min Scan# 836
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion: 82 Resp: 367486

Ion	Ratio	Lower	Upper
82	100		
138	14.4	13.9	20.9
95	6.3	5.1	7.7

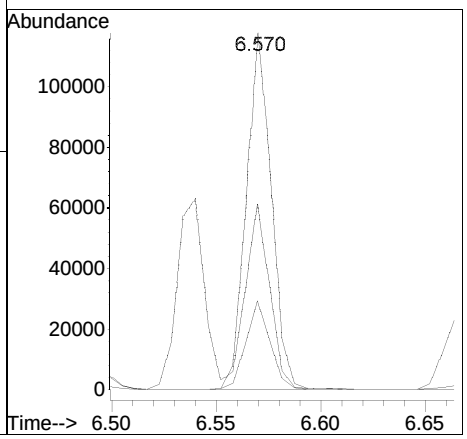


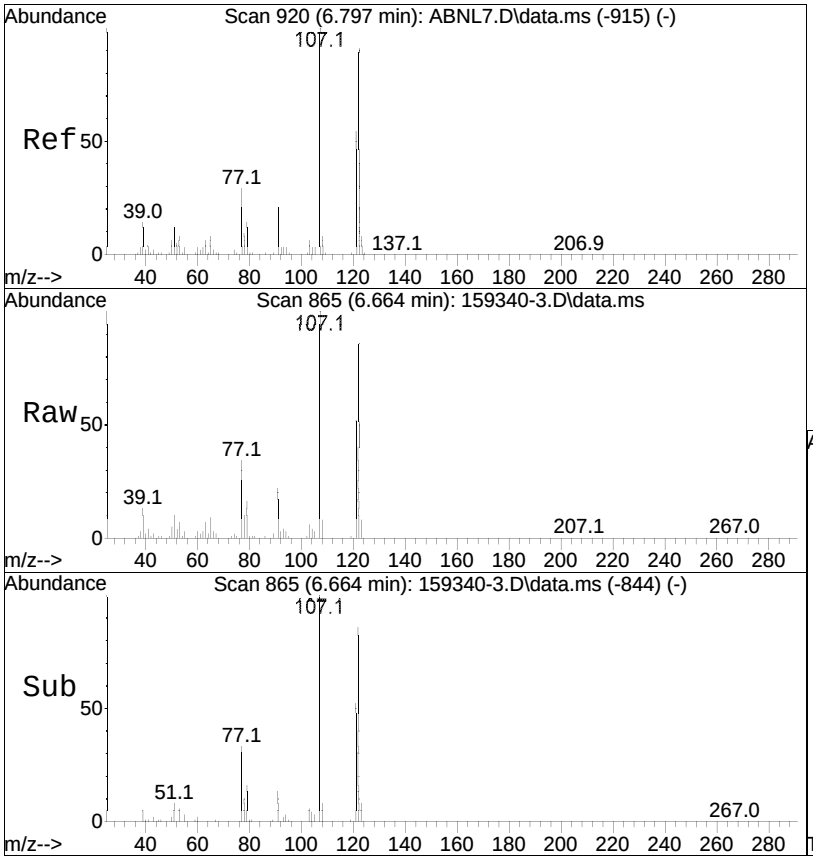


#22
2-Nitrophenol
Concen: 32.79 ug/ml
RT: 6.570 min Scan# 849
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:139 Resp: 97515

Ion	Ratio	Lower	Upper
139	100		
109	24.0	17.2	25.8
65	51.1	33.8	50.6#

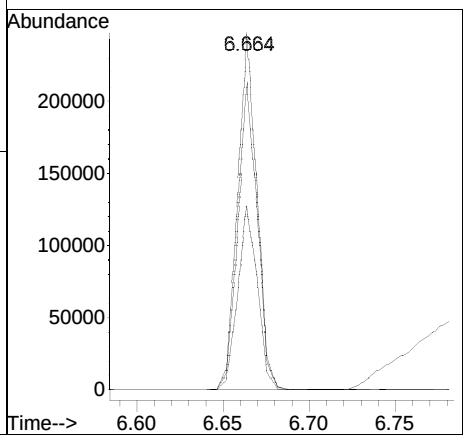


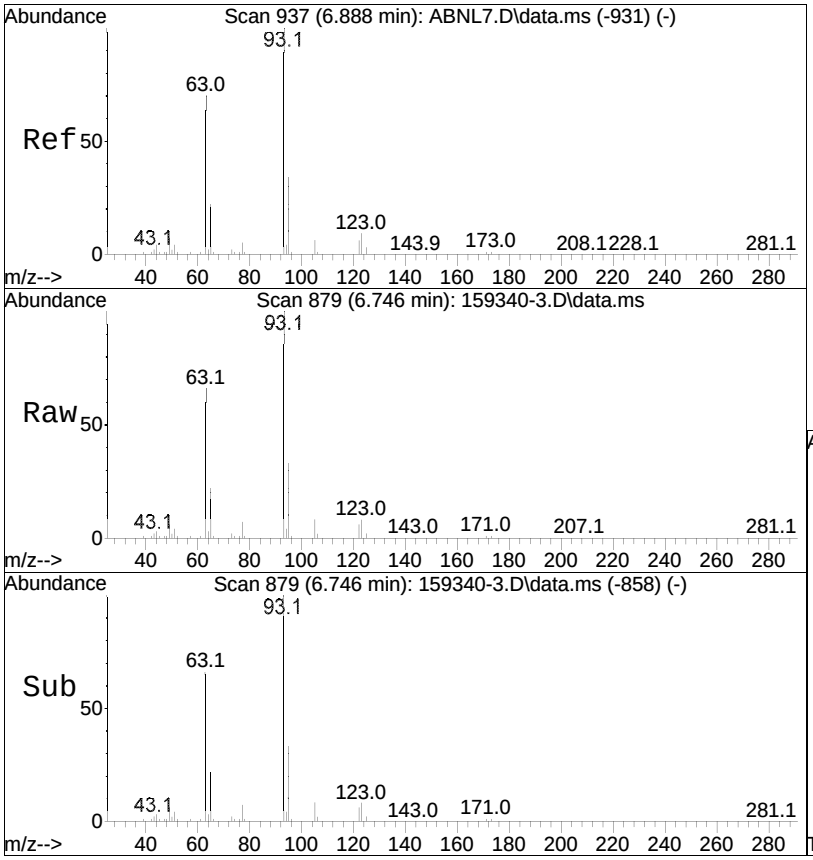


#23
2,4-Dimethylphenol
Concen: 33.59 ug/ml
RT: 6.664 min Scan# 865
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:107 Resp: 192570

Ion	Ratio	Lower	Upper
107	100		
121	52.4	41.2	61.8
122	86.1	72.5	108.7

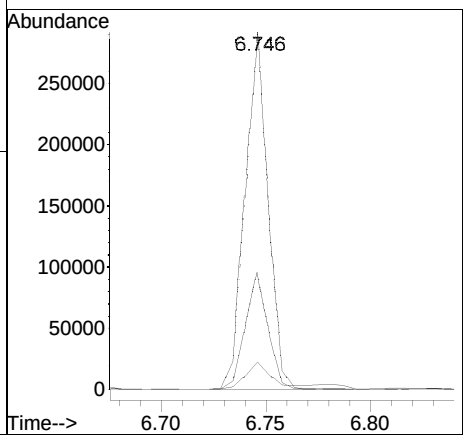


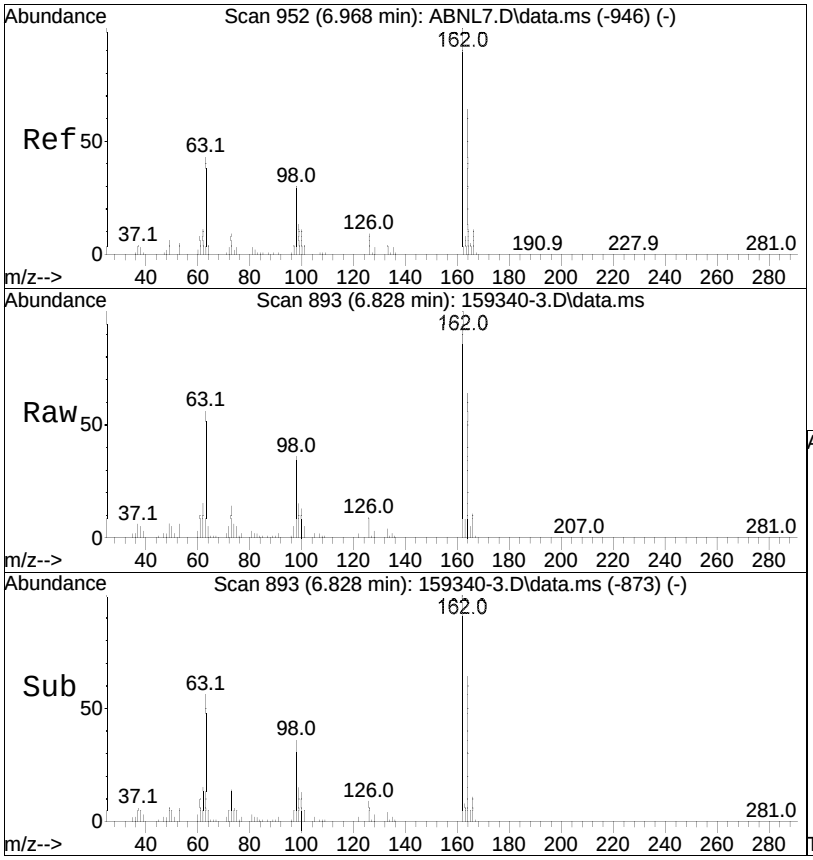


#24
Bis(2-chloroethoxy)methane
Concen: 31.82 ug/ml
RT: 6.746 min Scan# 879
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion: 93 Resp: 219951

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.8	40.2
123	8.7	8.7	13.1#

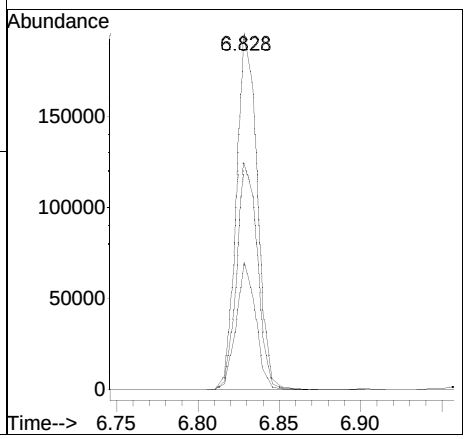


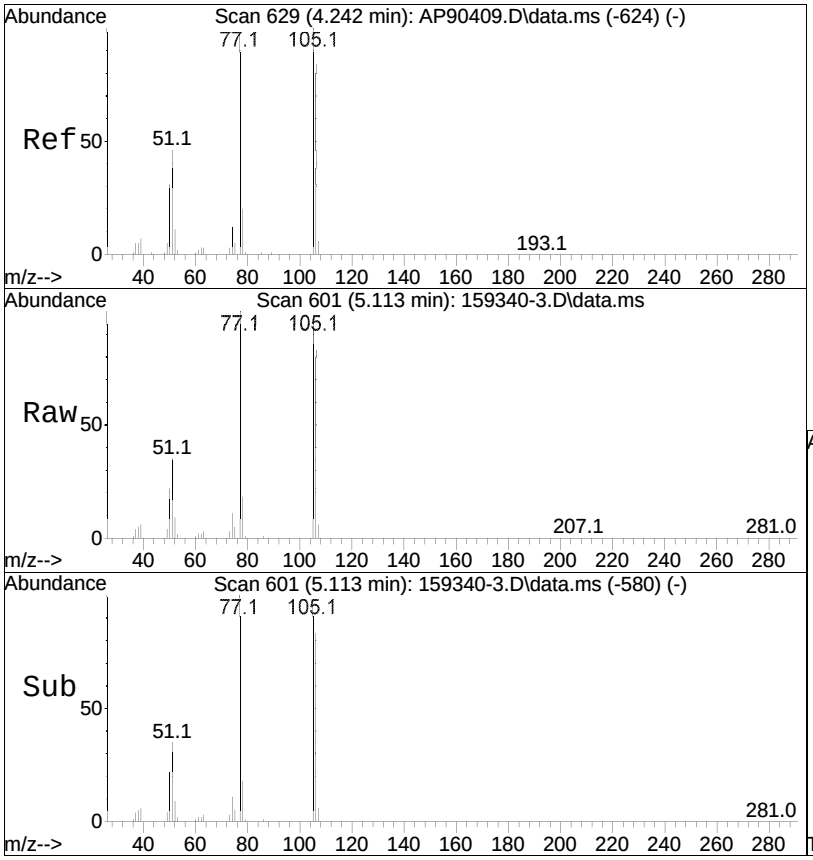


#25
2,4-Dichlorophenol
Concen: 31.29 ug/ml
RT: 6.828 min Scan# 893
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:162 Resp: 173898

Ion	Ratio	Lower	Upper
162	100		
164	63.7	51.8	77.8
98	33.8	25.0	37.4

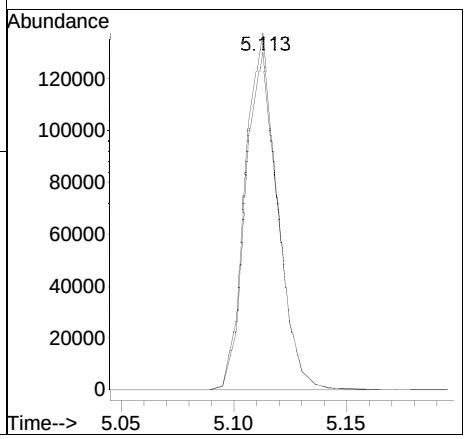


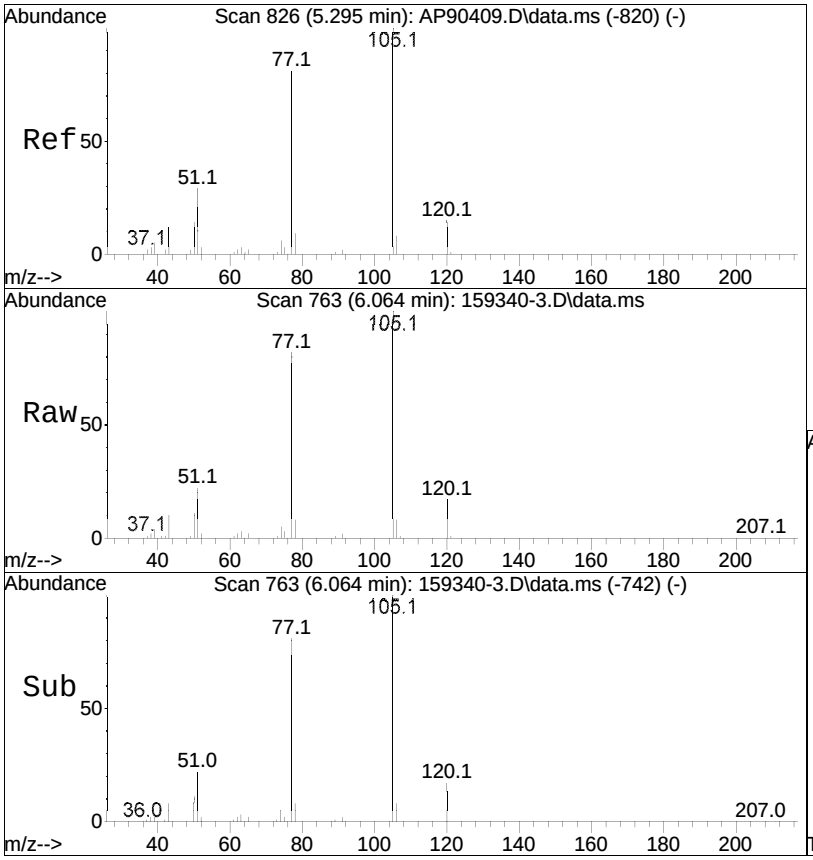


#28
Benzaldehyde
Concen: 35.89 ug/ml
RT: 5.113 min Scan# 601
Delta R.T. -0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:105 Resp: 129268

Ion	Ratio	Lower	Upper
105	100		
77	106.1	79.3	118.9

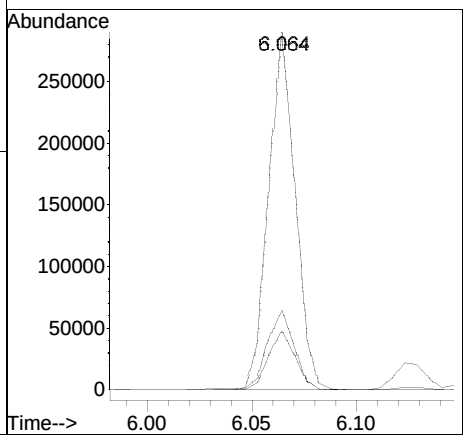


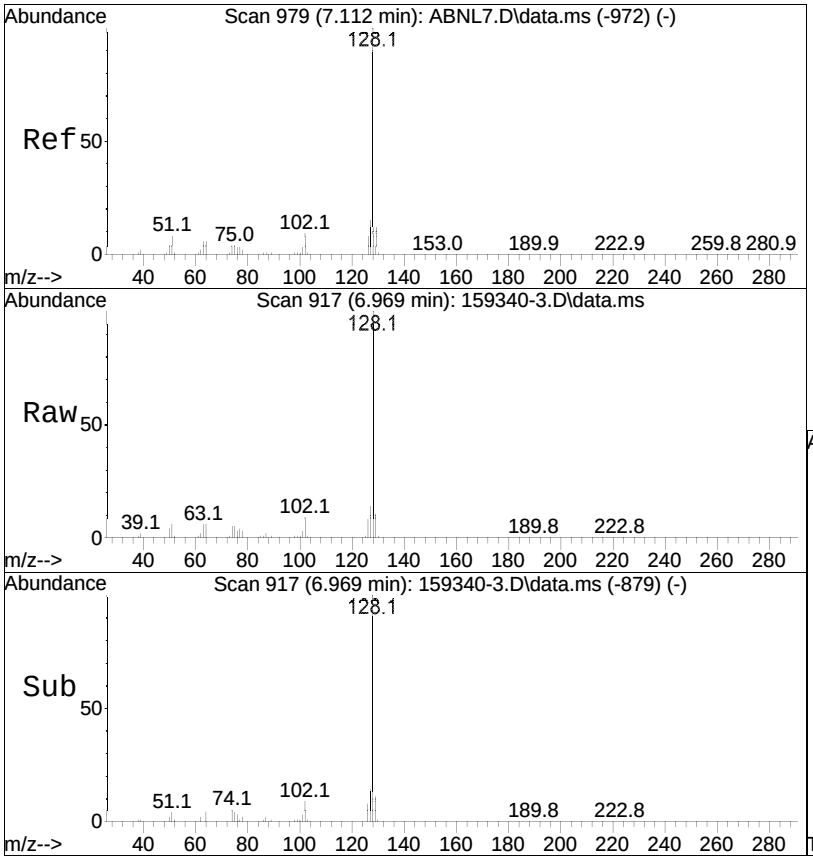


#29
Acetophenone
Concen: 34.35 ug/ml
RT: 6.064 min Scan# 763
Delta R.T. -0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:105 Resp: 253468

Ion	Ratio	Lower	Upper
105	100		
120	16.7	17.4	26.2#
51	23.1	23.8	35.6#

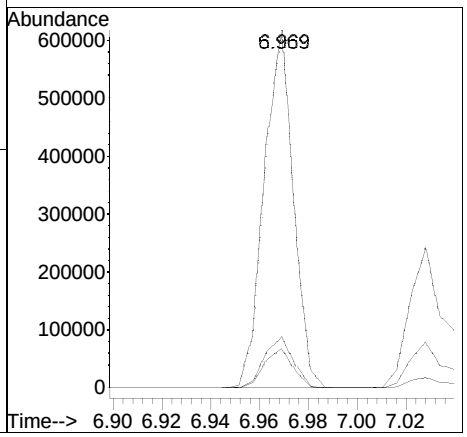


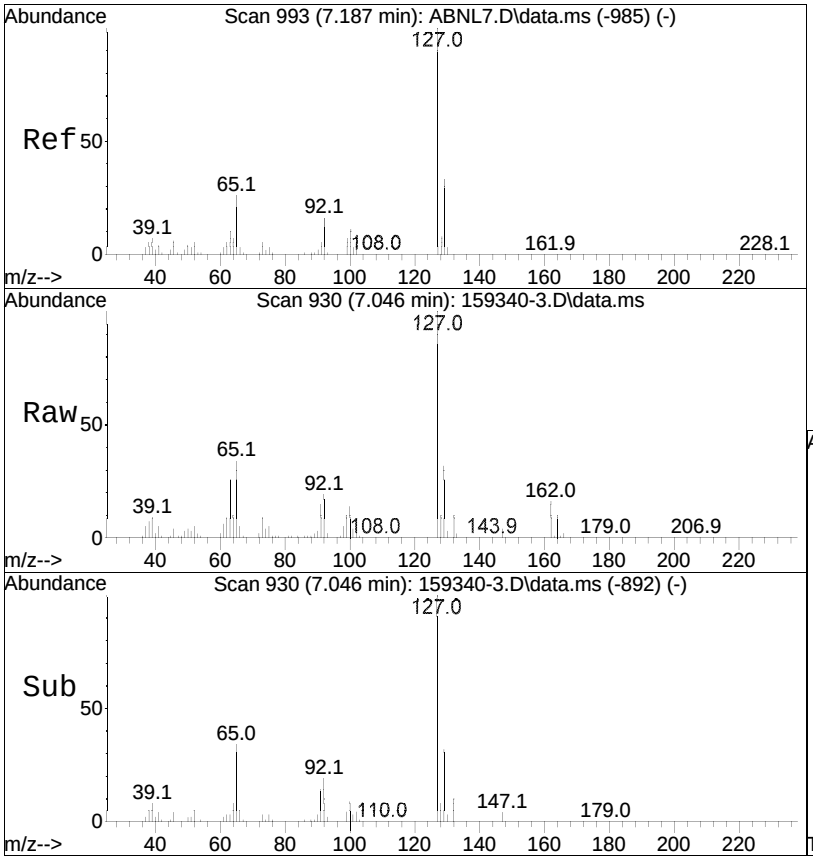


#36
Naphthalene
Concen: 28.01 ug/ml
RT: 6.969 min Scan# 917
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:128 Resp: 511429

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	14.2	11.3	16.9

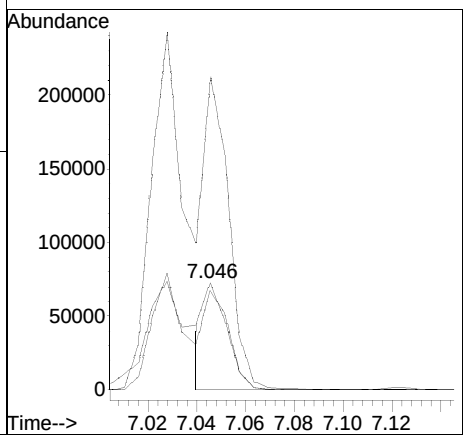


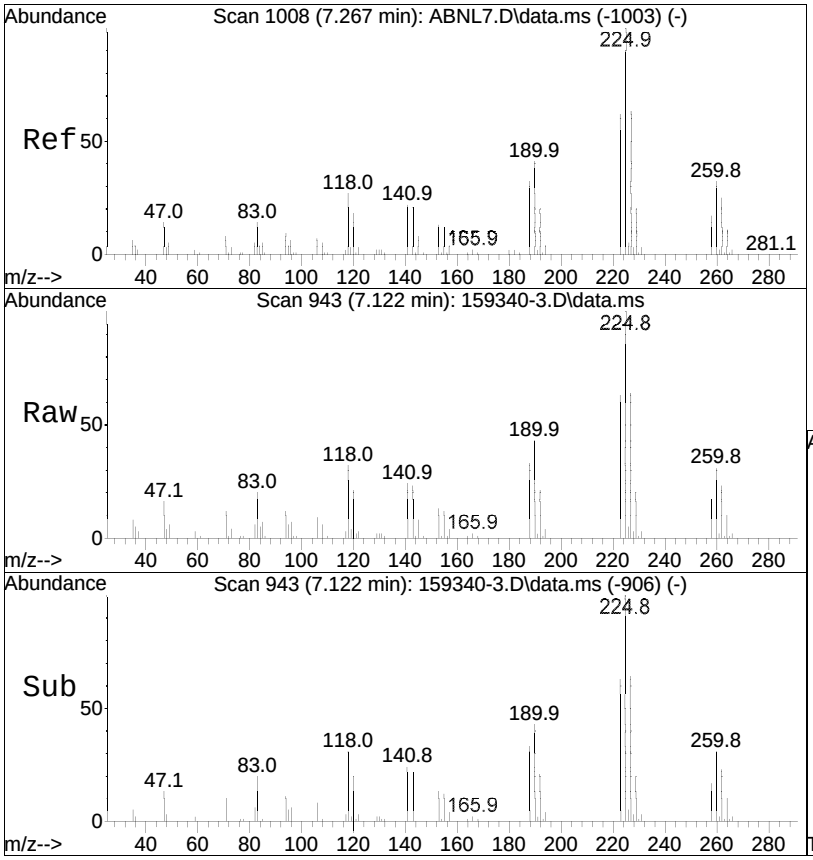


#38
4-Chloroaniline
Concen: 21.19 ug/ml
RT: 7.046 min Scan# 930
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion: 65 Resp: 48237

Ion	Ratio	Lower	Upper
65	100		
127	309.0	302.2	453.2
129	99.1	97.8	146.8

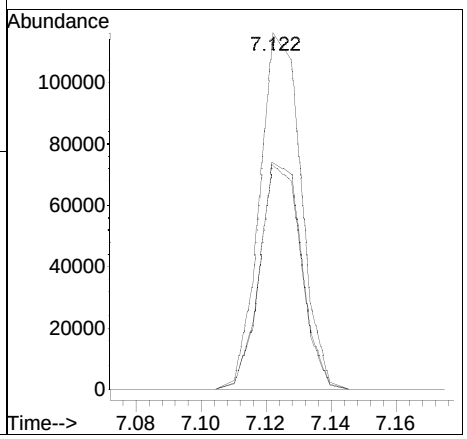


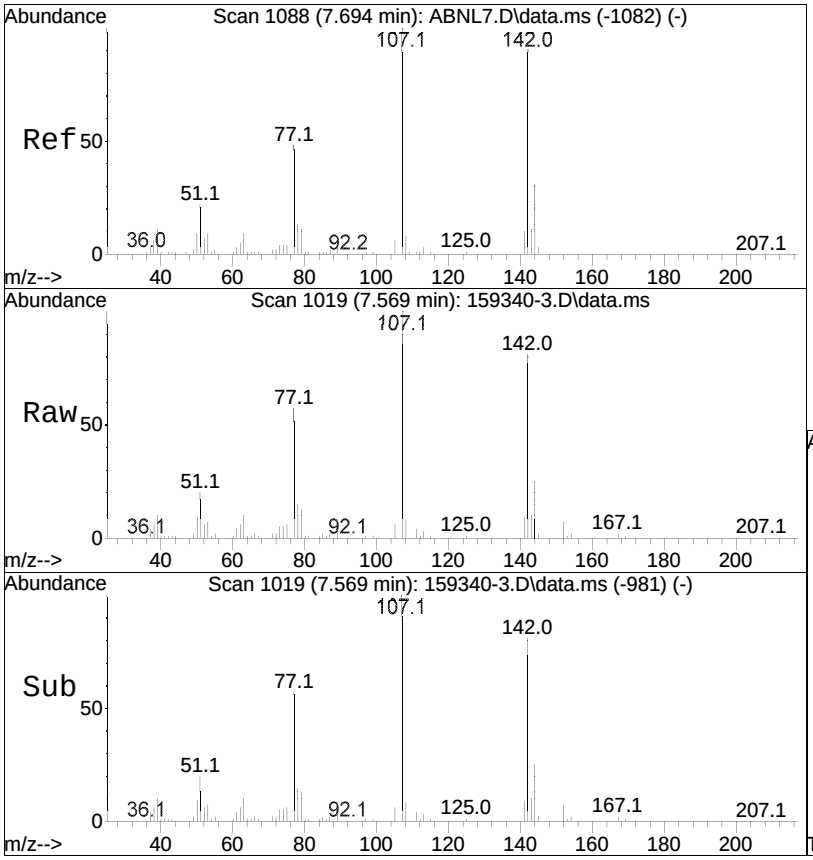


#39
Hexachlorobutadiene
Concen: 26.38 ug/ml
RT: 7.122 min Scan# 943
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:225 Resp: 102536

Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.0	75.0
227	64.4	51.8	77.6

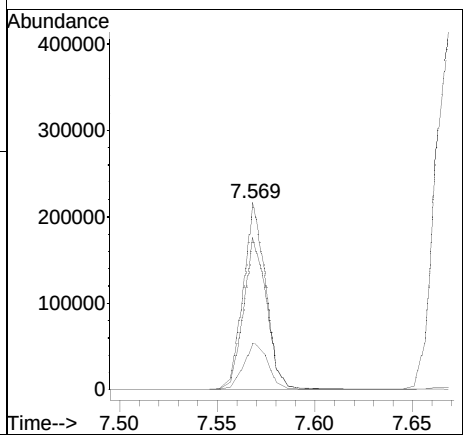


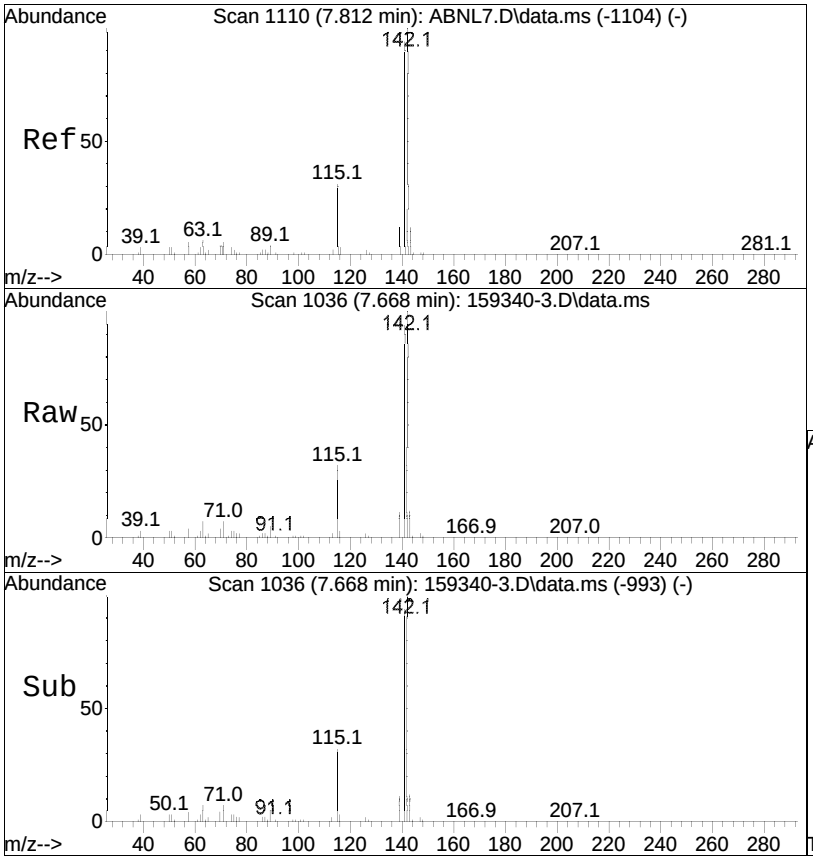


#40
p-Chloro-m-cresol
Concen: 35.07 ug/ml
RT: 7.569 min Scan# 1019
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:107 Resp: 174561

Ion	Ratio	Lower	Upper
107	100		
144	26.7	23.3	34.9
142	83.5	72.7	109.1

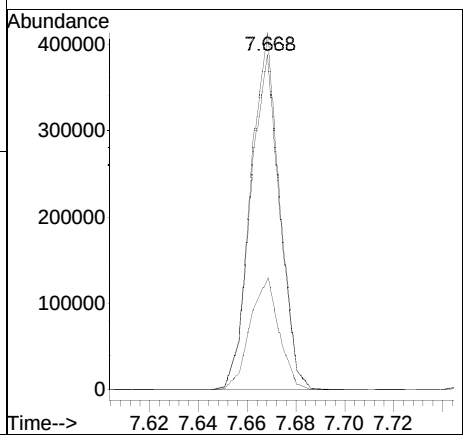


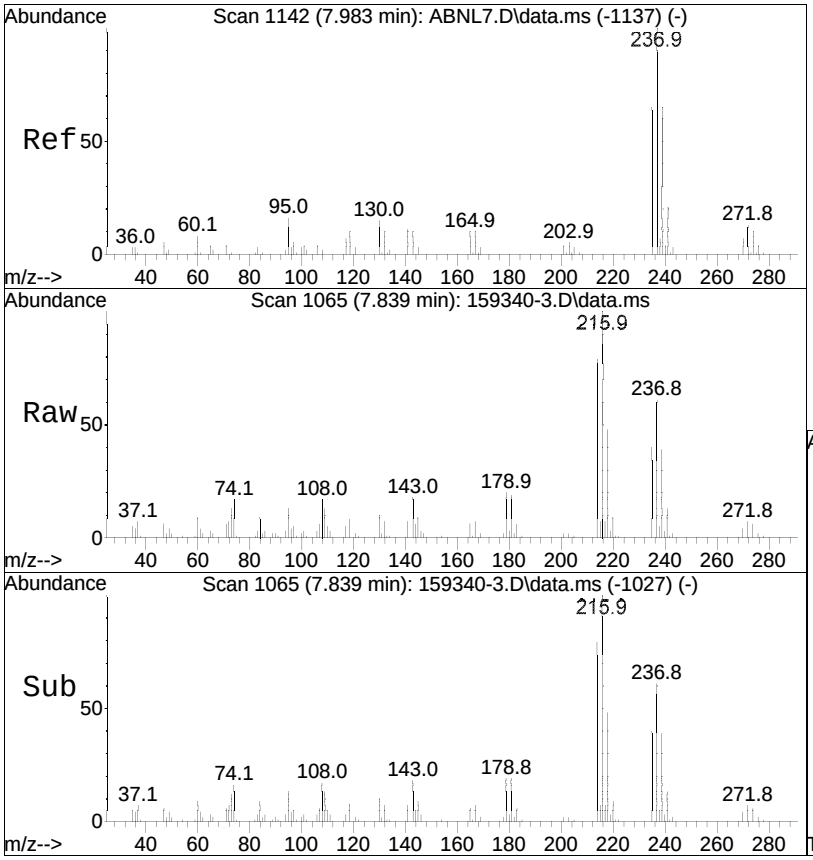


#41
2-Methylnaphthalene
Concen: 29.91 ug/ml
RT: 7.668 min Scan# 1036
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:142 Resp: 340036

Ion	Ratio	Lower	Upper
142	100		
141	94.5	69.5	104.3
115	31.5	25.4	38.2

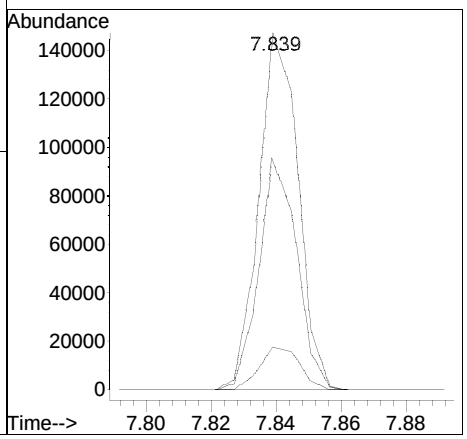


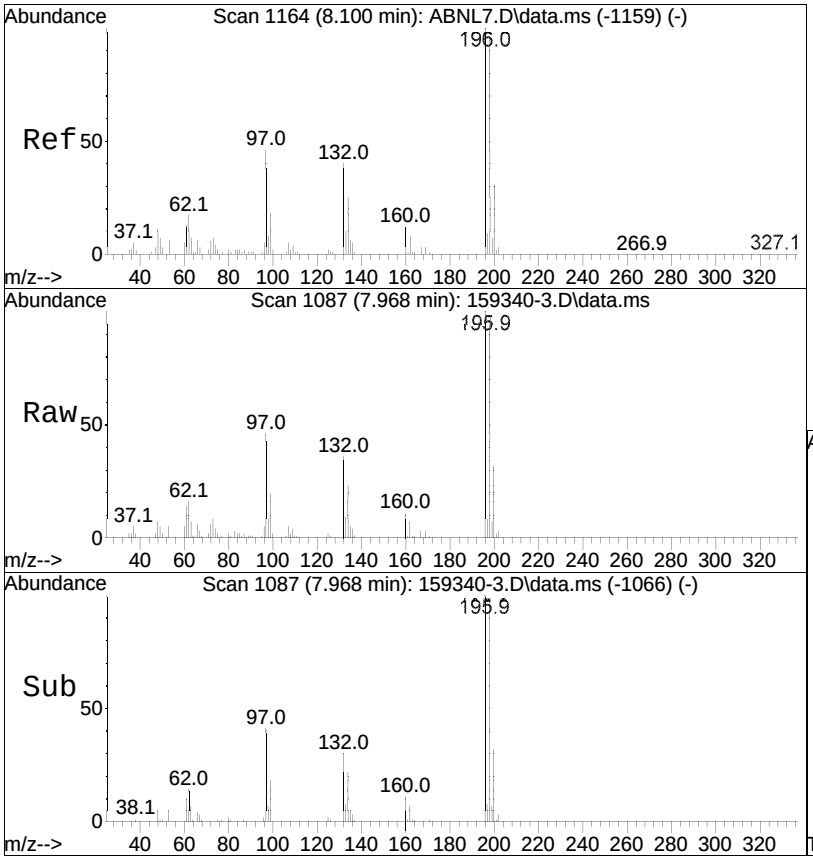


#43
Hexachlorocyclopentadiene
Concen: 25.98 ug/ml
RT: 7.839 min Scan# 1065
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:237 Resp: 123524

Ion	Ratio	Lower	Upper
237	100		
235	62.8	49.9	74.9
272	12.4	11.4	17.2

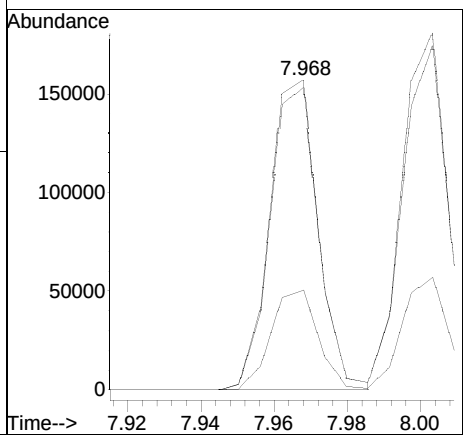


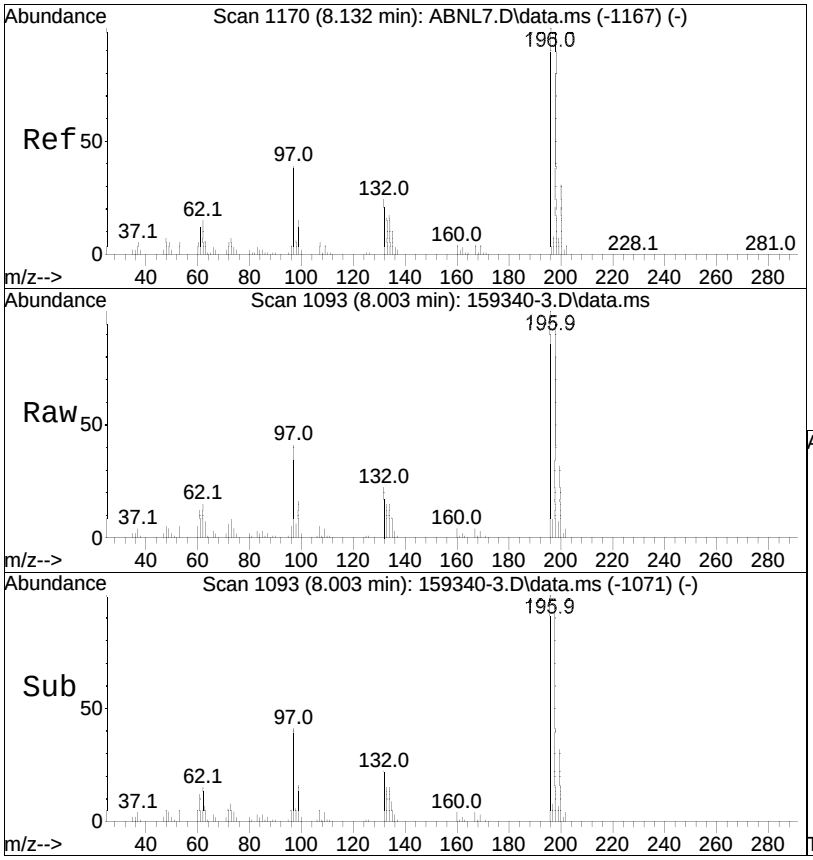


#44
2,4,6-Trichlorophenol
Concen: 31.71 ug/ml
RT: 7.968 min Scan# 1087
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:196 Resp: 144507

Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.0	115.6
200	31.5	25.0	37.6

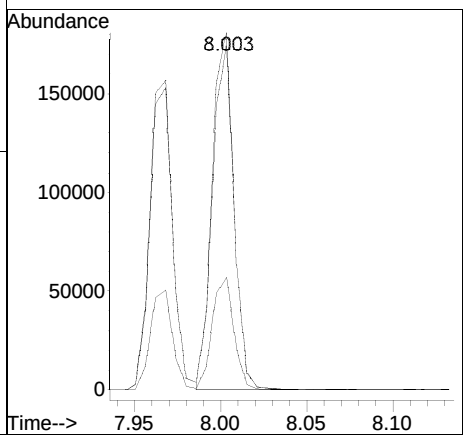


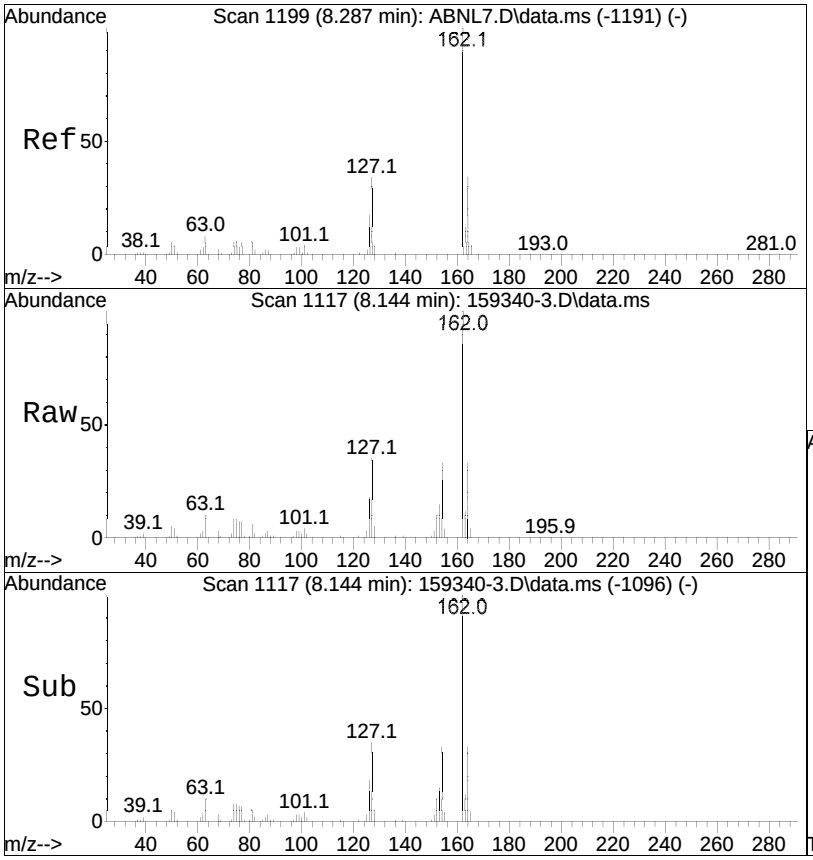


#45
2,4,5-Trichlorophenol
Concen: 31.82 ug/ml
RT: 8.003 min Scan# 1093
Delta R.T. 0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:196 Resp: 159292

Ion	Ratio	Lower	Upper
196	100		
200	31.6	24.9	37.3
198	95.4	78.5	117.7

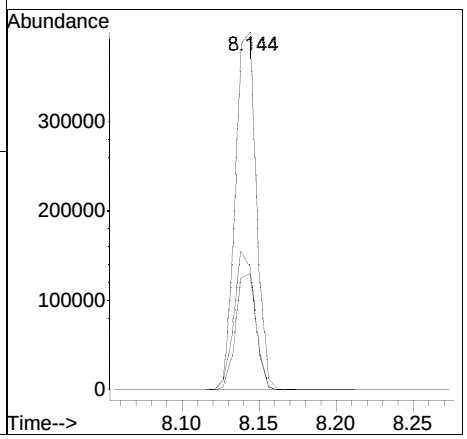


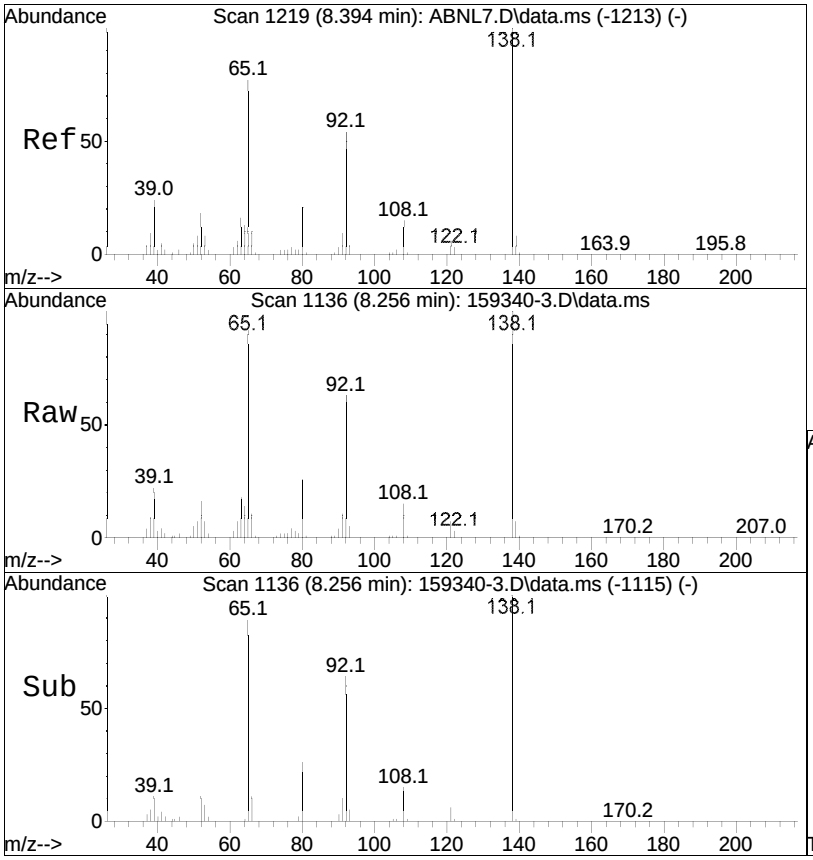


#47
2-Chloronaphthalene
Concen: 28.77 ug/ml
RT: 8.144 min Scan# 1117
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:162 Resp: 376777

Ion	Ratio	Lower	Upper
162	100		
127	38.4	28.0	42.0
164	32.4	26.6	39.8

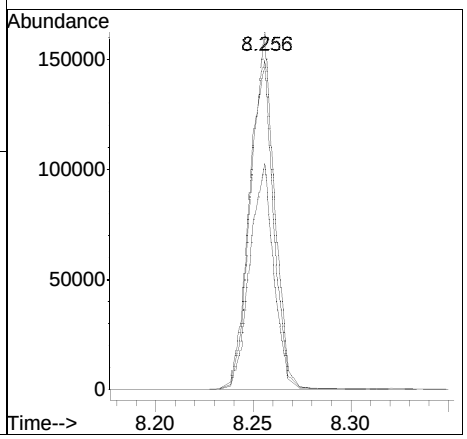


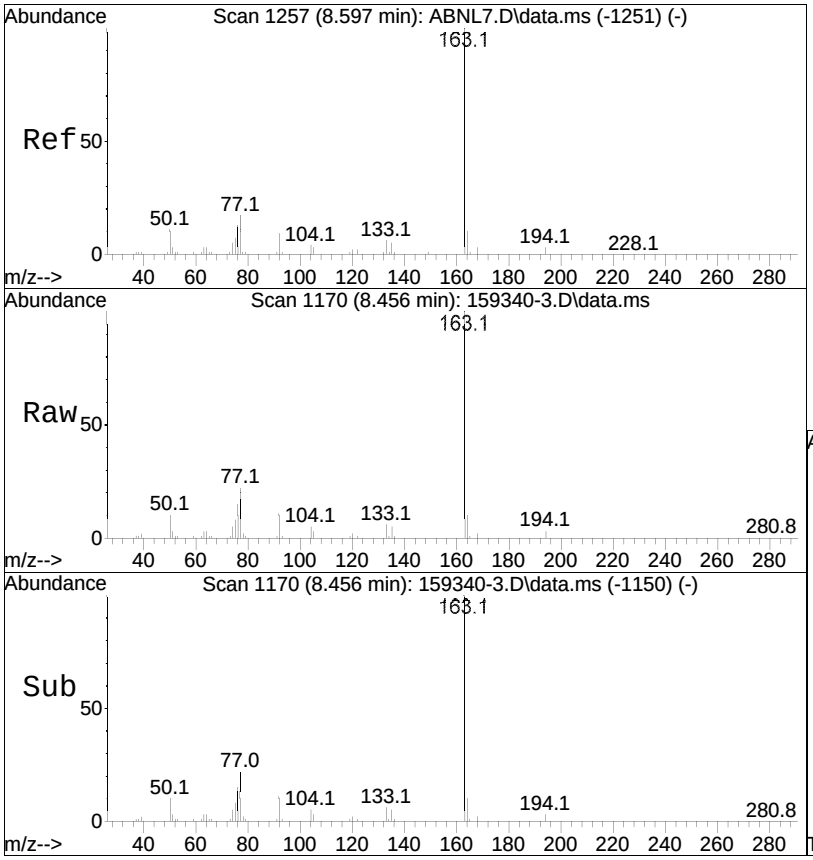


#48
2-Nitroaniline
Concen: 34.68 ug/ml
RT: 8.256 min Scan# 1136
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:138 Resp: 134422

Ion	Ratio	Lower	Upper
138	100		
92	64.2	41.7	62.5#
65	95.5	61.5	92.3#

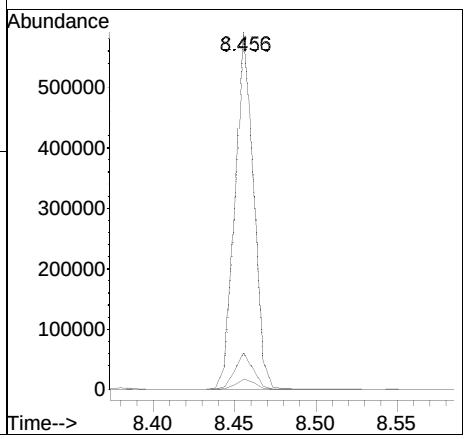


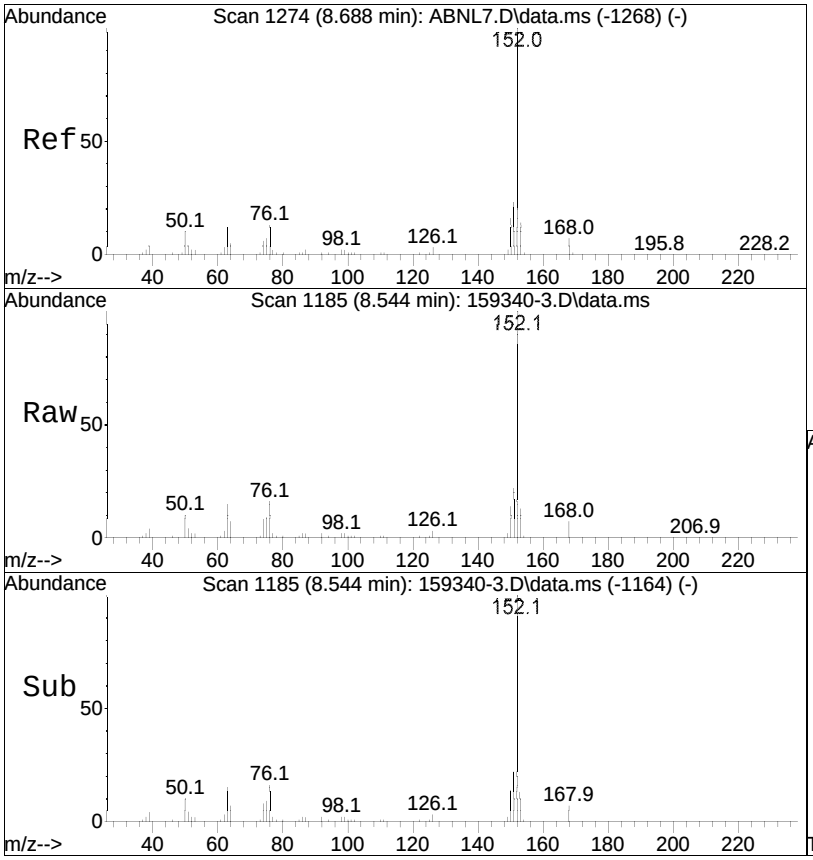


#51
Dimethyl phthalate
Concen: 29.26 ug/ml
RT: 8.456 min Scan# 1170
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:163 Resp: 464688

Ion	Ratio	Lower	Upper
163	100		
194	2.8	3.4	5.2#
164	10.2	8.4	12.6

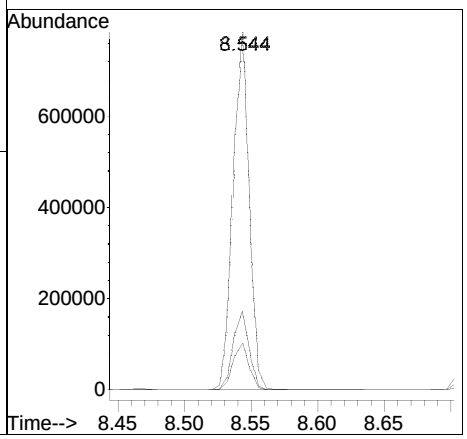


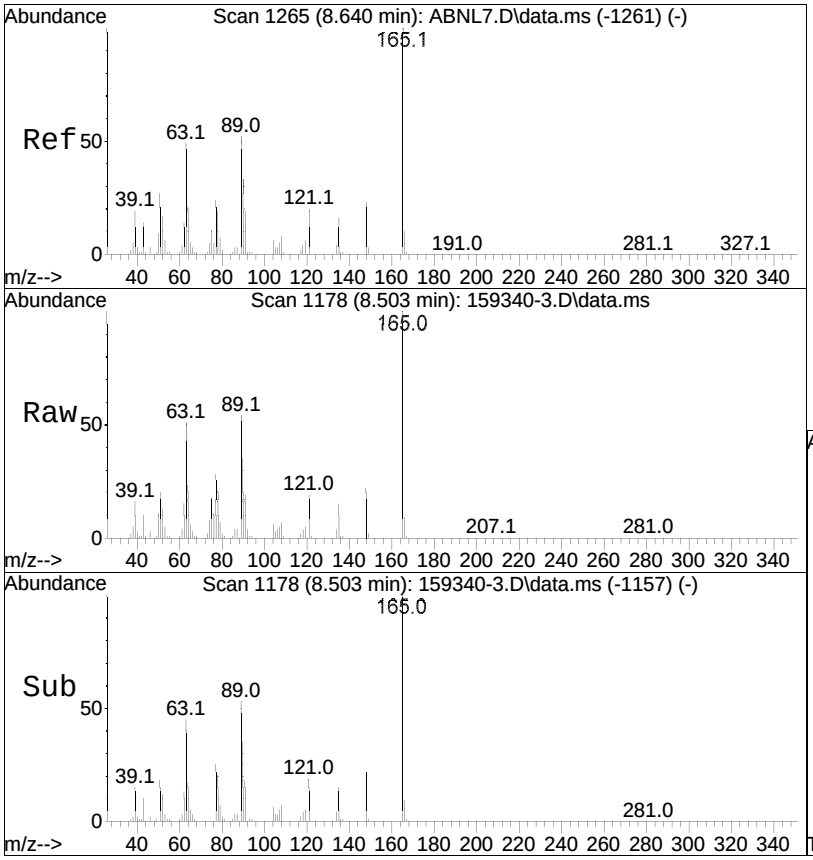


#52
Acenaphthylene
Concen: 29.57 ug/ml
RT: 8.544 min Scan# 1185
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:152 Resp: 652629

Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.7	25.1
153	13.2	11.1	16.7

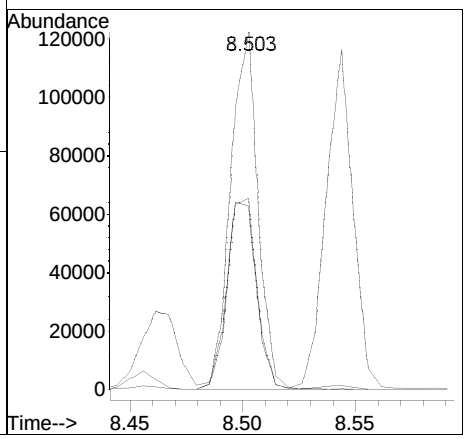


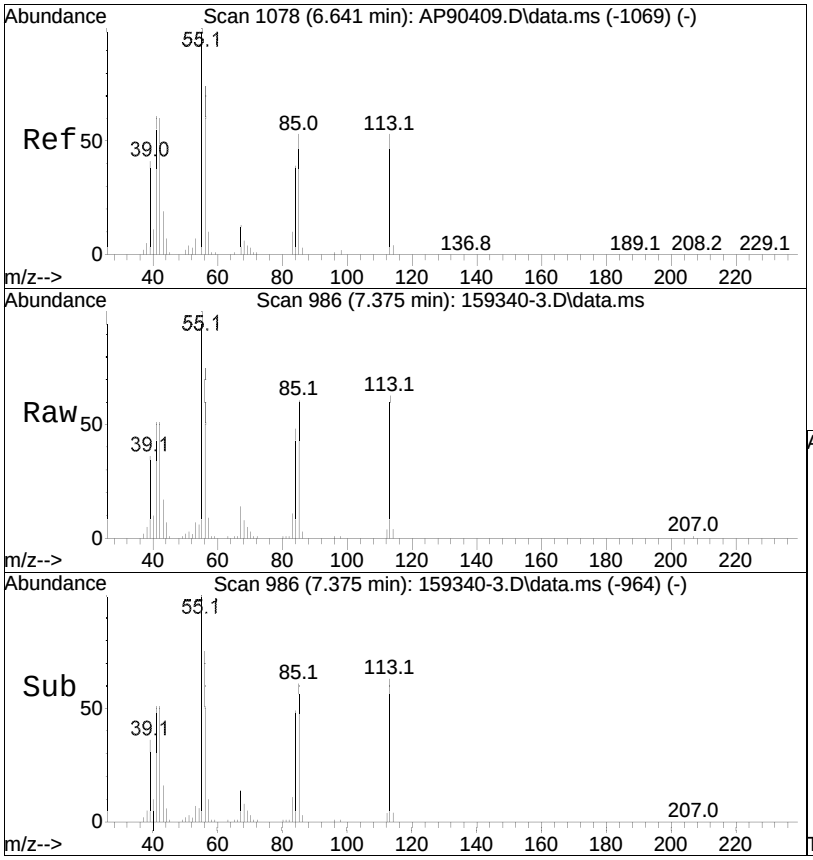


#53
2,6-Dinitrotoluene
Concen: 33.13 ug/ml
RT: 8.503 min Scan# 1178
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:165 Resp: 103425

Ion	Ratio	Lower	Upper
165	100		
89	57.4	43.1	64.7
63	56.8	42.7	64.1

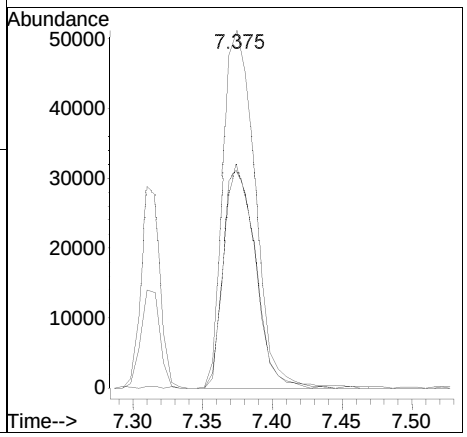


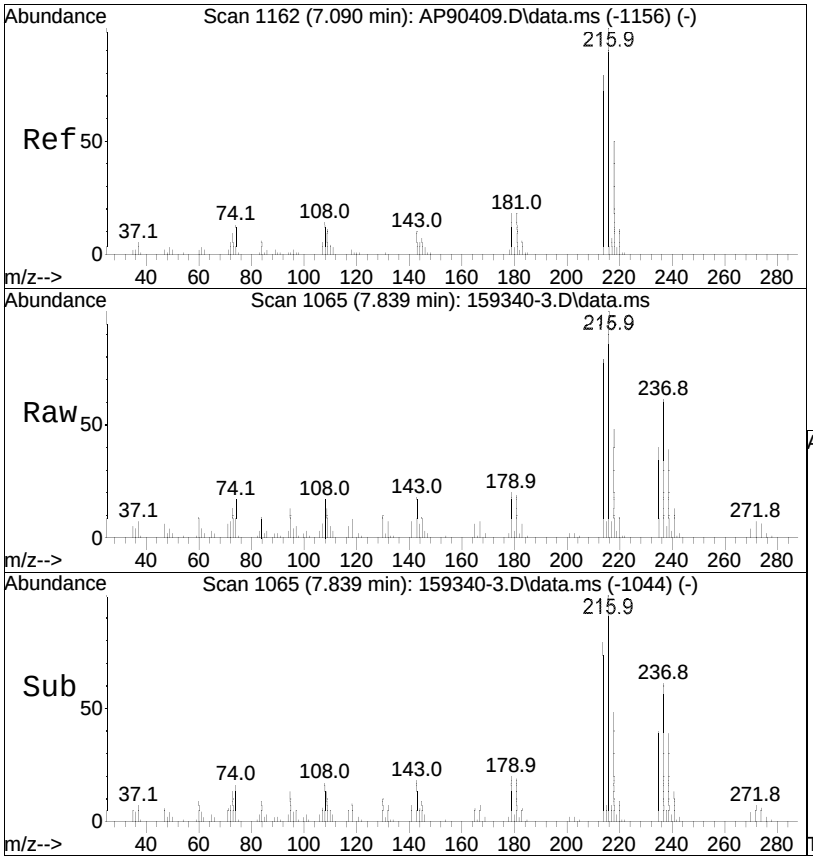


#60
Caprolactam
Concen: 33.65 ug/ml
RT: 7.375 min Scan# 986
Delta R.T. 0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion: 55 Resp: 82551

Ion	Ratio	Lower	Upper
55	100		
85	61.3	36.6	54.8#
113	60.8	50.2	75.2

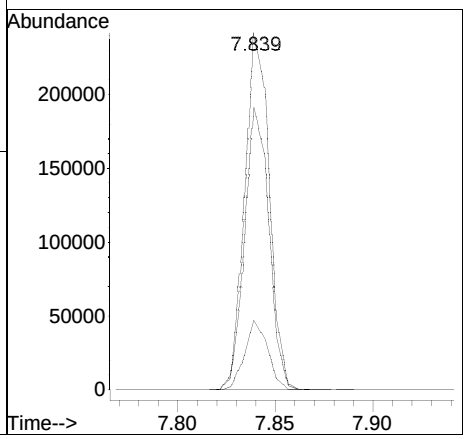


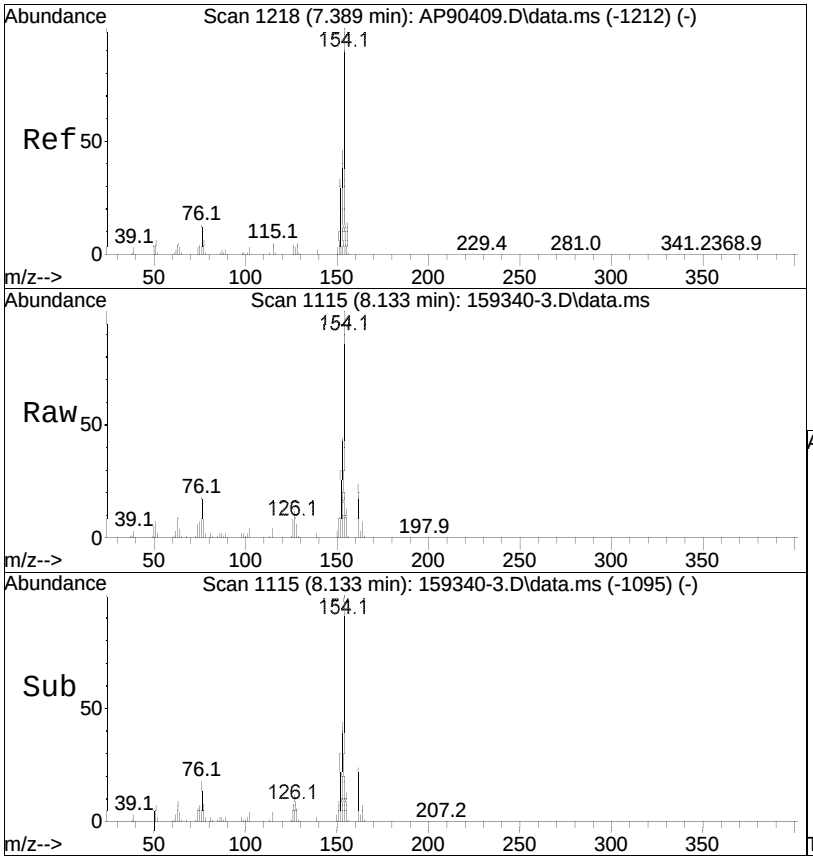


#61
1,2,4,5-Tetrachlorobenzene
Concen: 31.82 ug/ml
RT: 7.839 min Scan# 1065
Delta R.T. -0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:216 Resp: 210695

Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.0	94.4
179	18.4	15.3	22.9

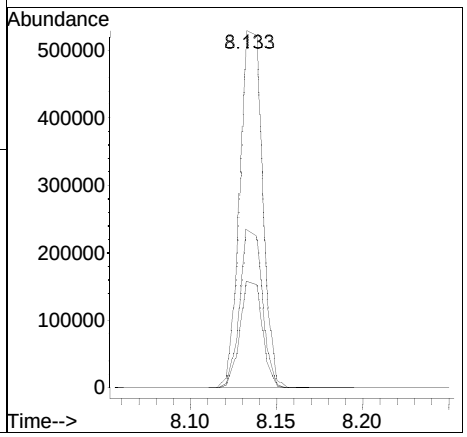


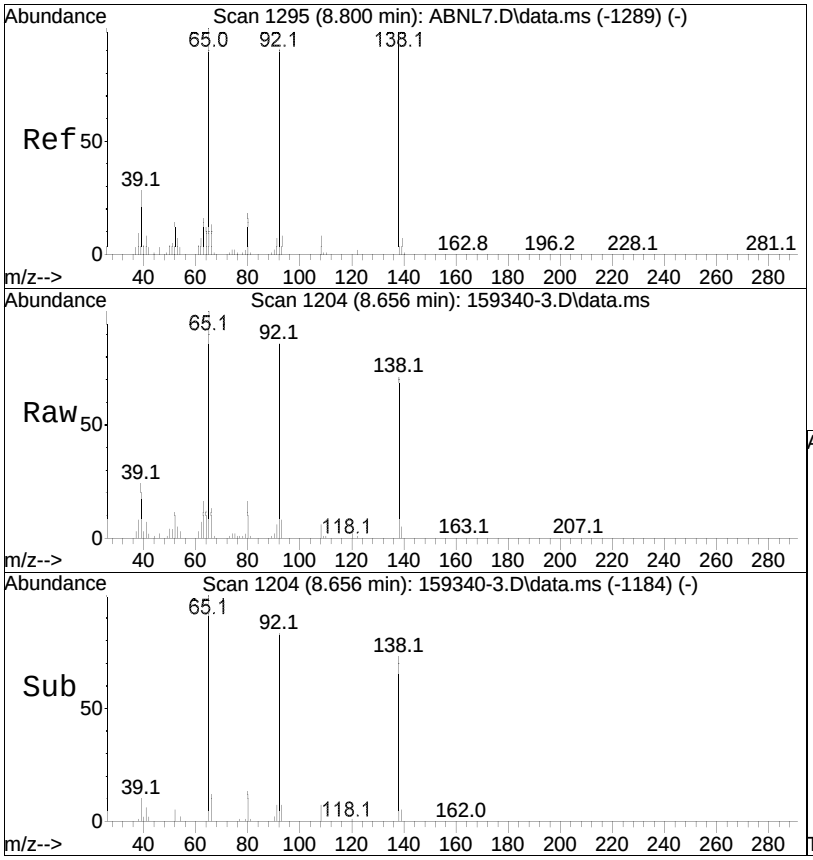


#62
Biphenyl
Concen: 32.22 ug/ml
RT: 8.133 min Scan# 1115
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:154 Resp: 484728

Ion	Ratio	Lower	Upper
154	100		
153	44.0	33.8	50.8
152	29.7	23.0	34.6

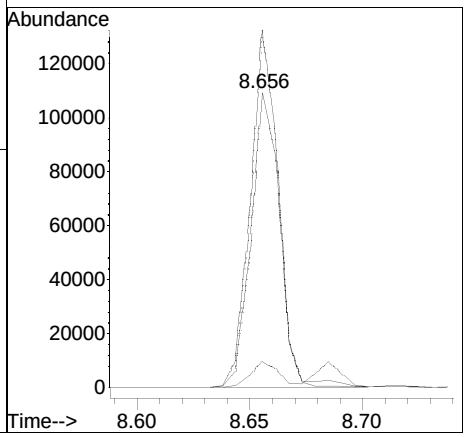


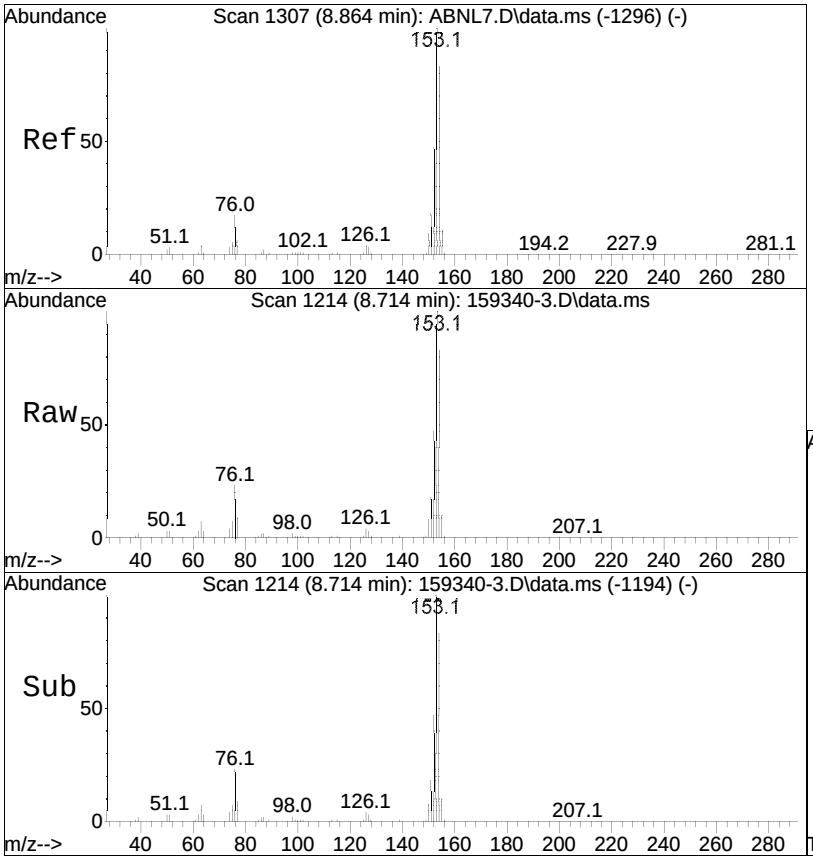


#64
3-Nitroaniline
Concen: 26.65 ug/ml
RT: 8.656 min Scan# 1204
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:138 Resp: 94546

Ion	Ratio	Lower	Upper
138	100		
92	120.6	77.5	116.3#
108	9.2	7.0	10.4

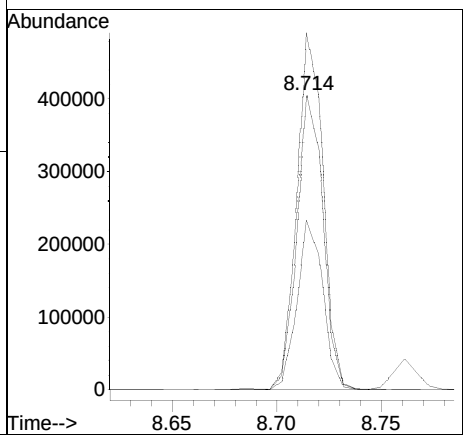


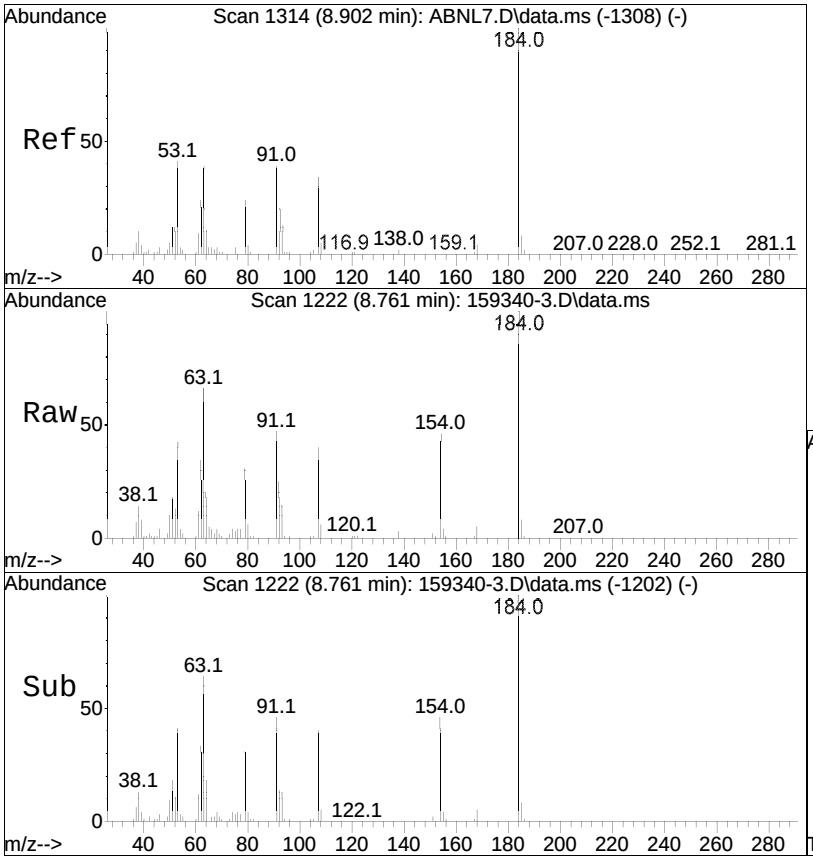


#65
Acenaphthene
Concen: 28.70 ug/ml
RT: 8.714 min Scan# 1214
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:154 Resp: 352437

Ion	Ratio	Lower	Upper
154	100		
153	121.3	89.4	134.0
152	57.4	42.2	63.2

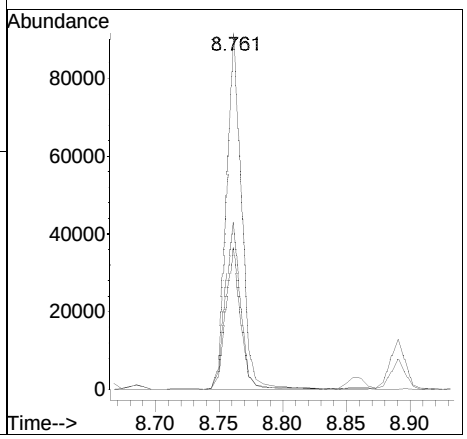


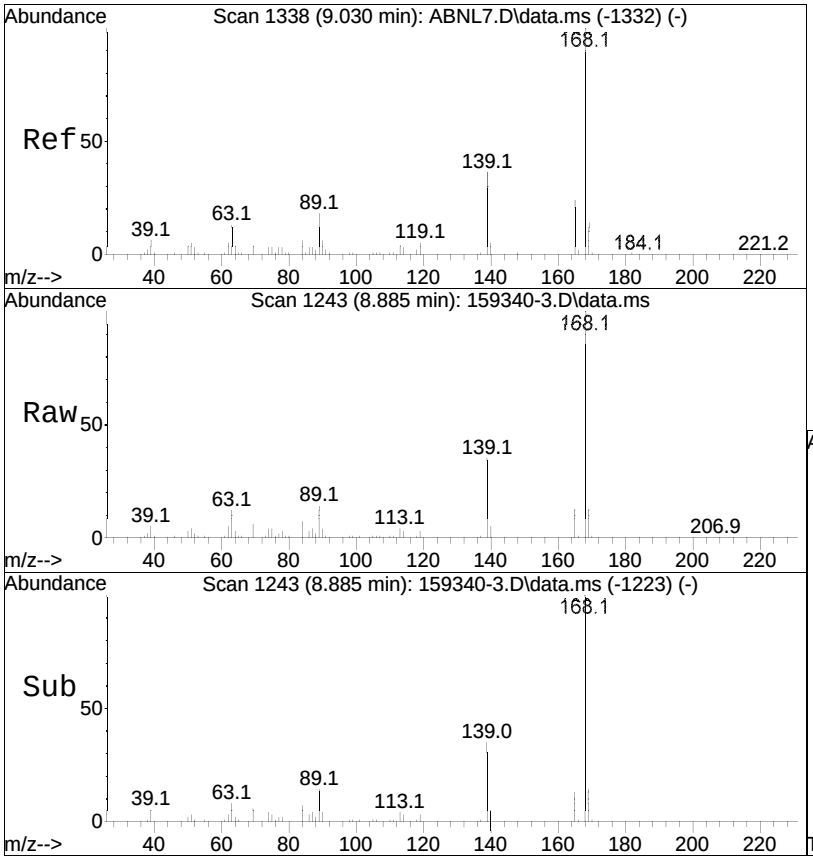


#66
2,4-Dinitrophenol
Concen: 31.69 ug/ml
RT: 8.761 min Scan# 1222
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:184 Resp: 75473

Ion	Ratio	Lower	Upper
184	100		
107	39.4	31.4	47.2
91	47.3	37.2	55.8

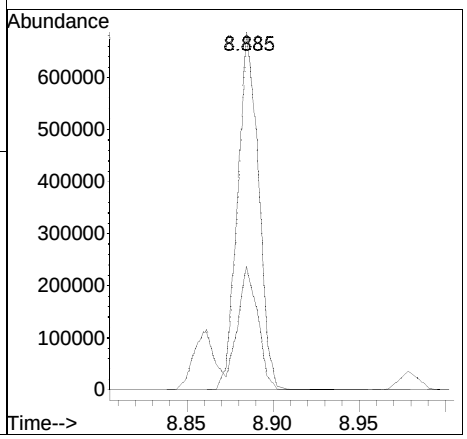


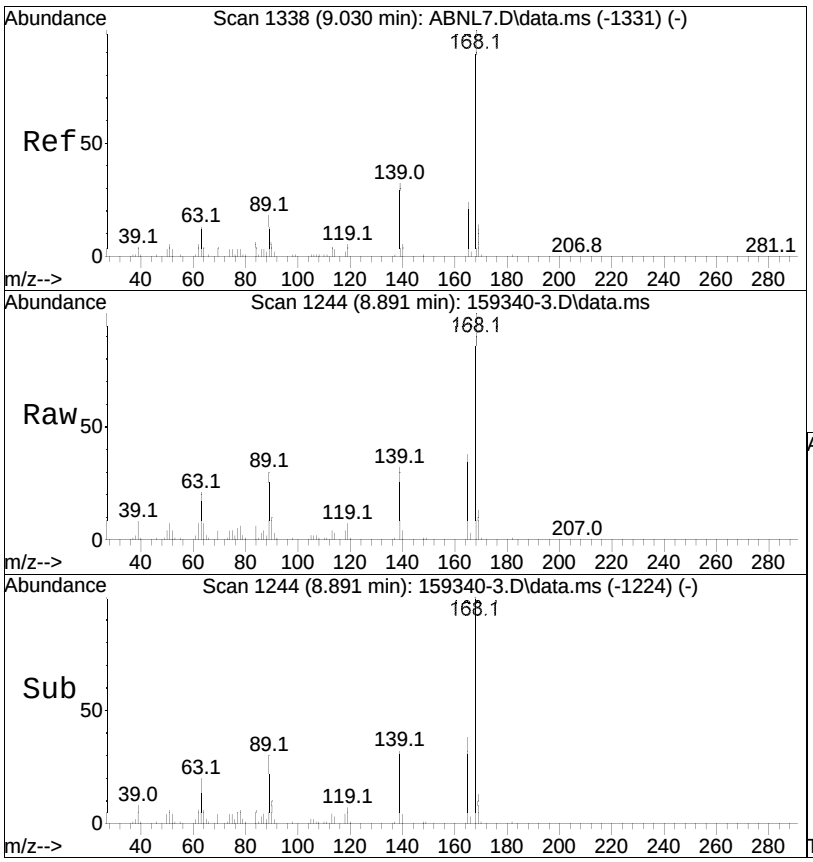


#67
Dibenzofuran
Concen: 28.69 ug/ml
RT: 8.885 min Scan# 1243
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:168 Resp: 575656

Ion	Ratio	Lower	Upper
168	100		
139	33.0	28.0	42.0

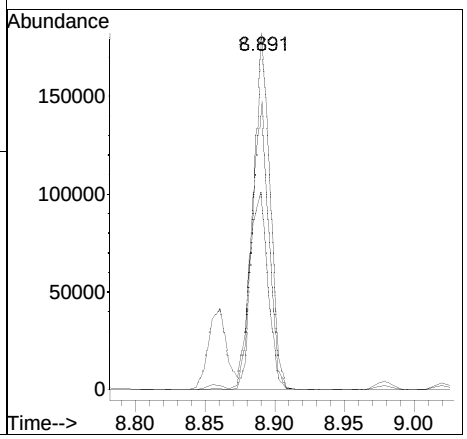


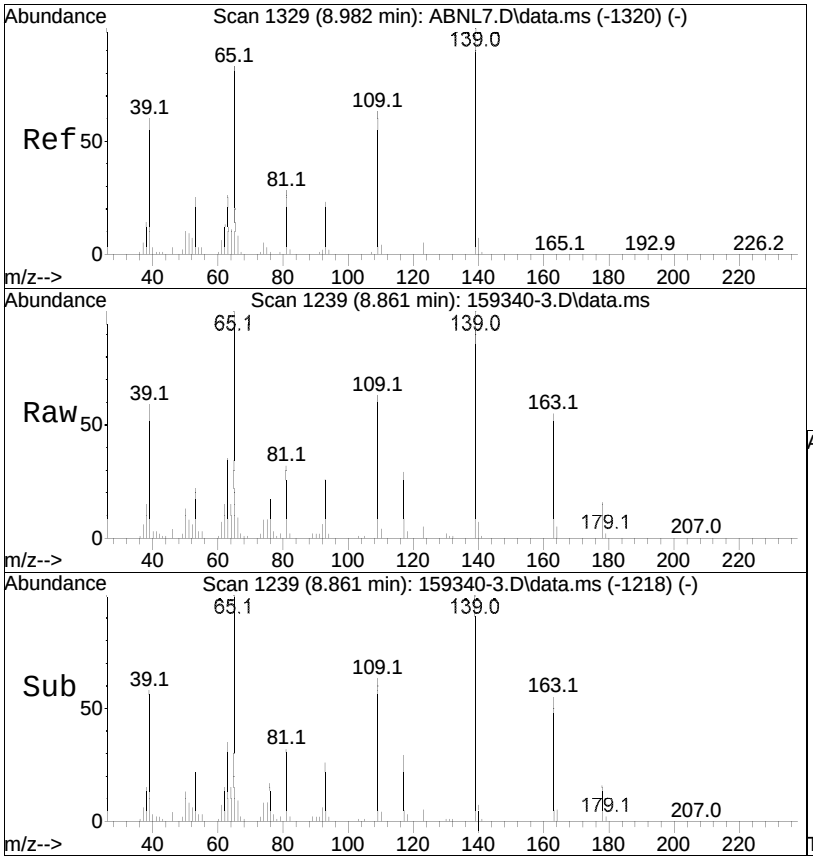


#68
2,4-Dinitrotoluene
Concen: 26.01 ug/ml
RT: 8.891 min Scan# 1244
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:165 Resp: 147076

Ion	Ratio	Lower	Upper
165	100		
89	85.0	63.0	94.6
63	63.5	50.3	75.5

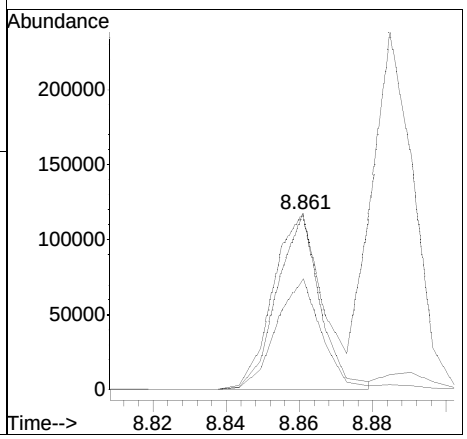


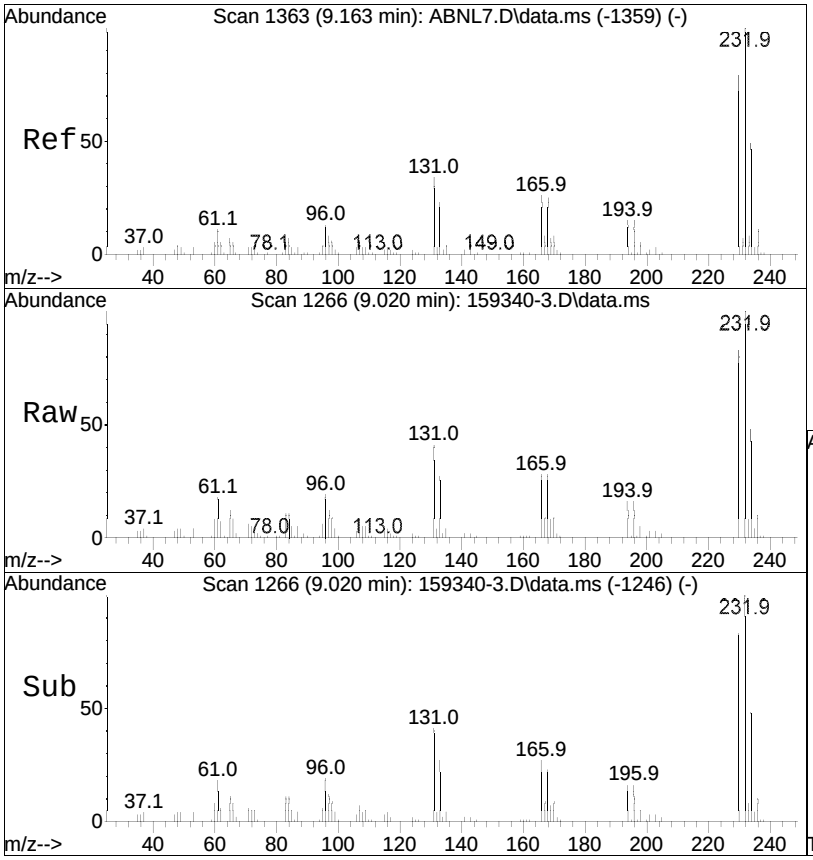


#69
4-Nitrophenol
Concen: 37.55 ug/ml
RT: 8.861 min Scan# 1239
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion: 65 Resp: 104264

Ion	Ratio	Lower	Upper
65	100		
109	63.3	55.3	82.9
139	99.0	95.1	142.7

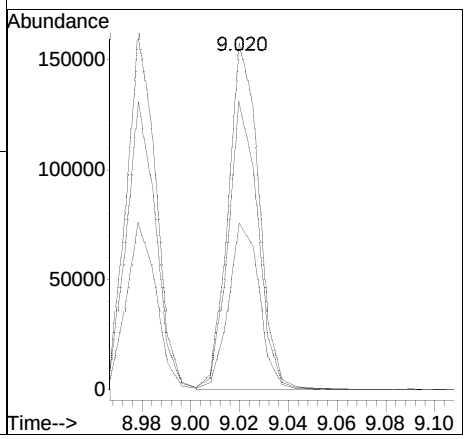


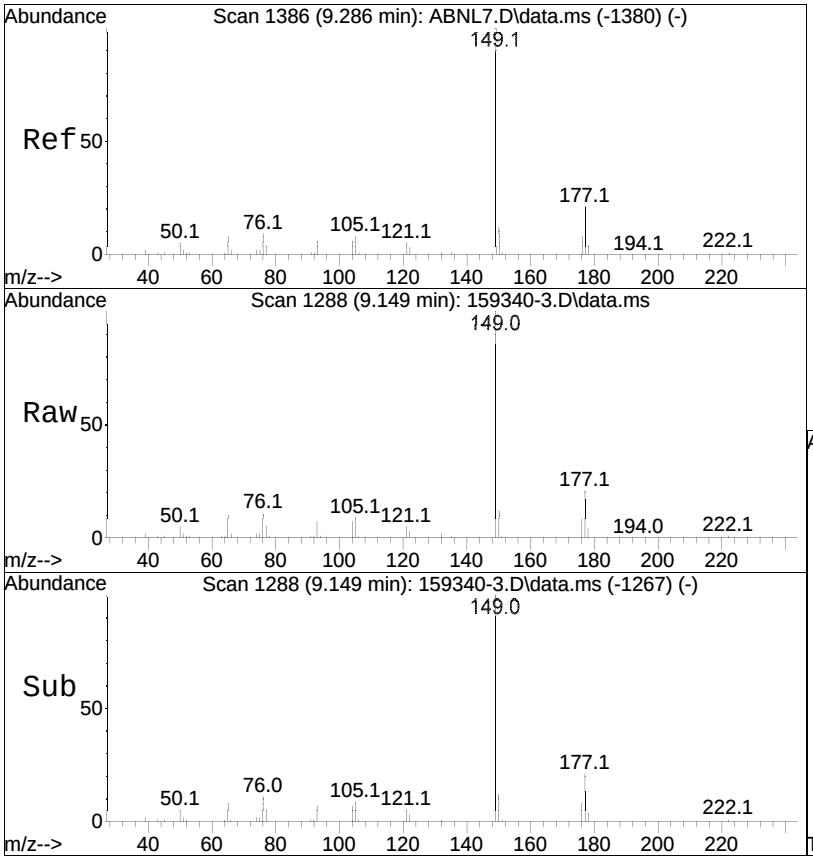


#71
2,3,4,6-Tetrachlorophenol
Concen: 30.82 ug/ml
RT: 9.020 min Scan# 1266
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:232 Resp: 136980

Ion	Ratio	Lower	Upper
232	100		
230	81.0	64.2	96.4
234	48.4	38.4	57.6

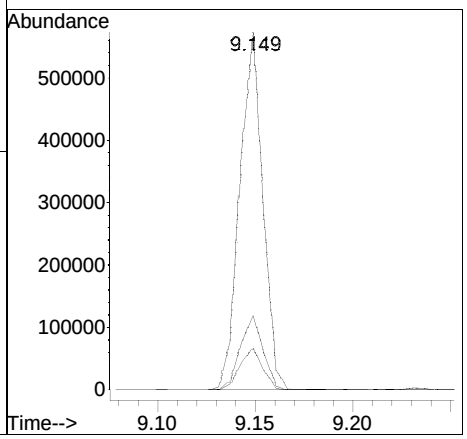


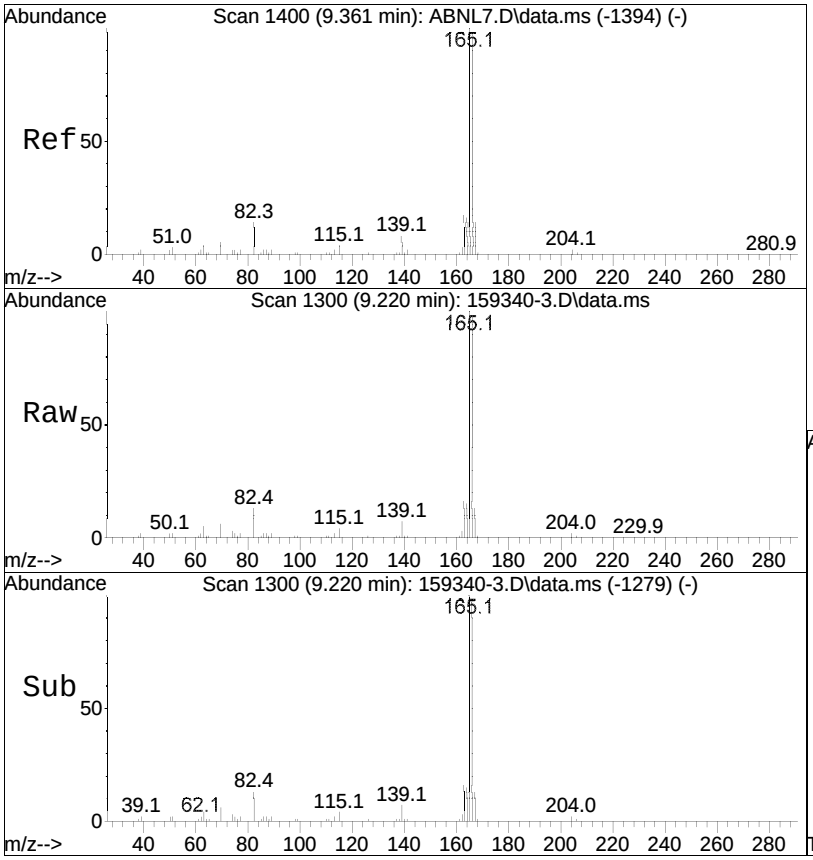


#72
Diethyl phthalate
Concen: 30.02 ug/ml
RT: 9.149 min Scan# 1288
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:149 Resp: 465714

Ion	Ratio	Lower	Upper
149	100		
177	20.8	16.2	24.2
150	11.7	9.4	14.0

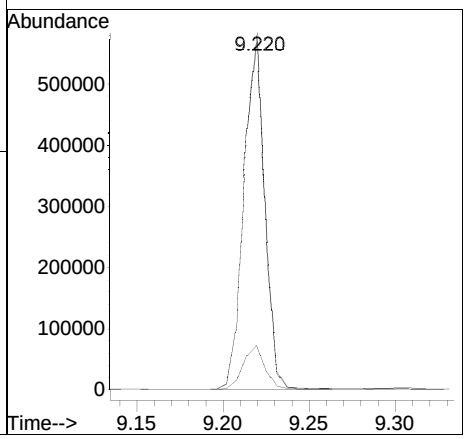


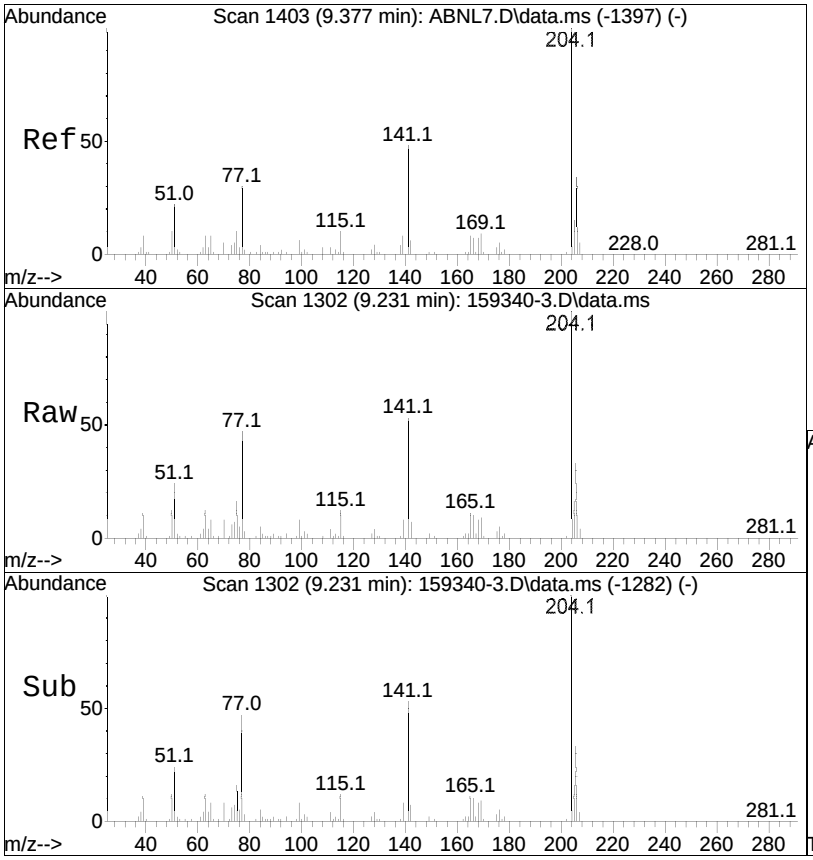


#73
Fluorene
Concen: 29.49 ug/ml
RT: 9.220 min Scan# 1300
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:166 Resp: 480667

Ion	Ratio	Lower	Upper
166	100		
165	102.4	77.2	115.8
167	13.3	10.9	16.3

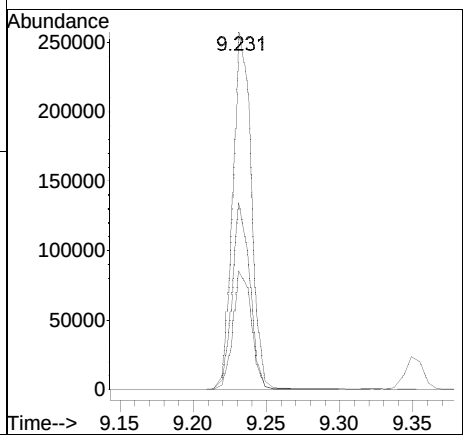


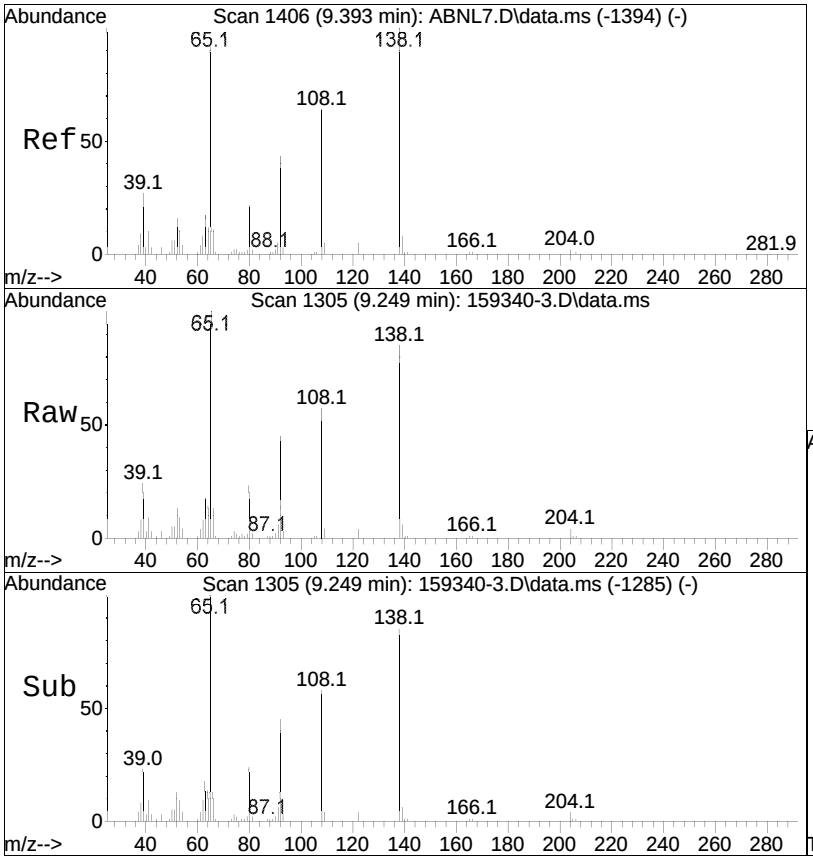


#74
4-Chlorophenyl phenyl ether
Concen: 28.71 ug/ml
RT: 9.231 min Scan# 1302
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:204 Resp: 225440

Ion	Ratio	Lower	Upper
204	100		
206	33.3	27.0	40.6
141	50.1	42.2	63.2

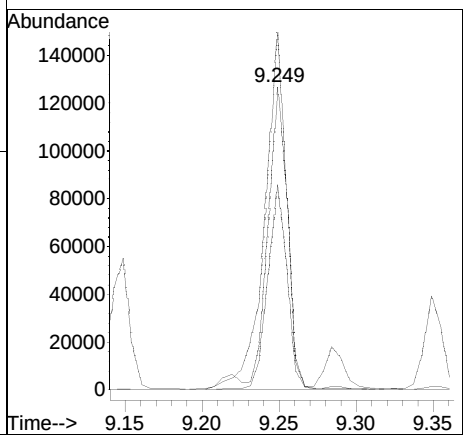


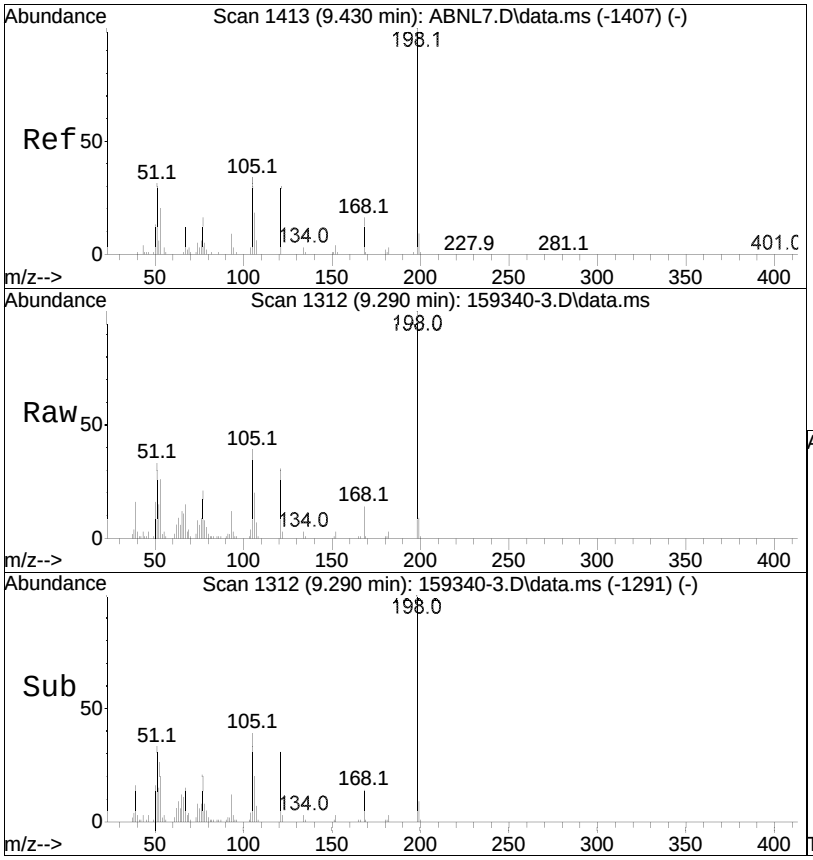


#75
4-Nitroaniline
Concen: 31.05 ug/ml
RT: 9.249 min Scan# 1305
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:138 Resp: 117231

Ion	Ratio	Lower	Upper
138	100		
108	63.3	46.7	70.1
65	124.0	81.2	121.8#

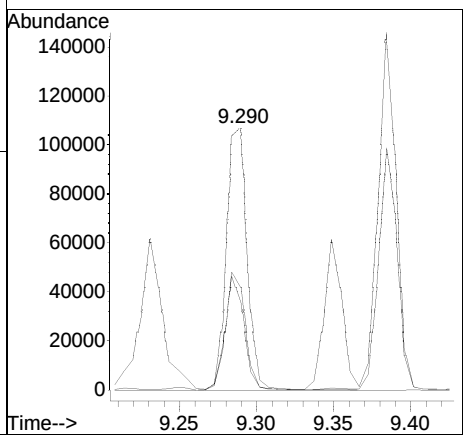


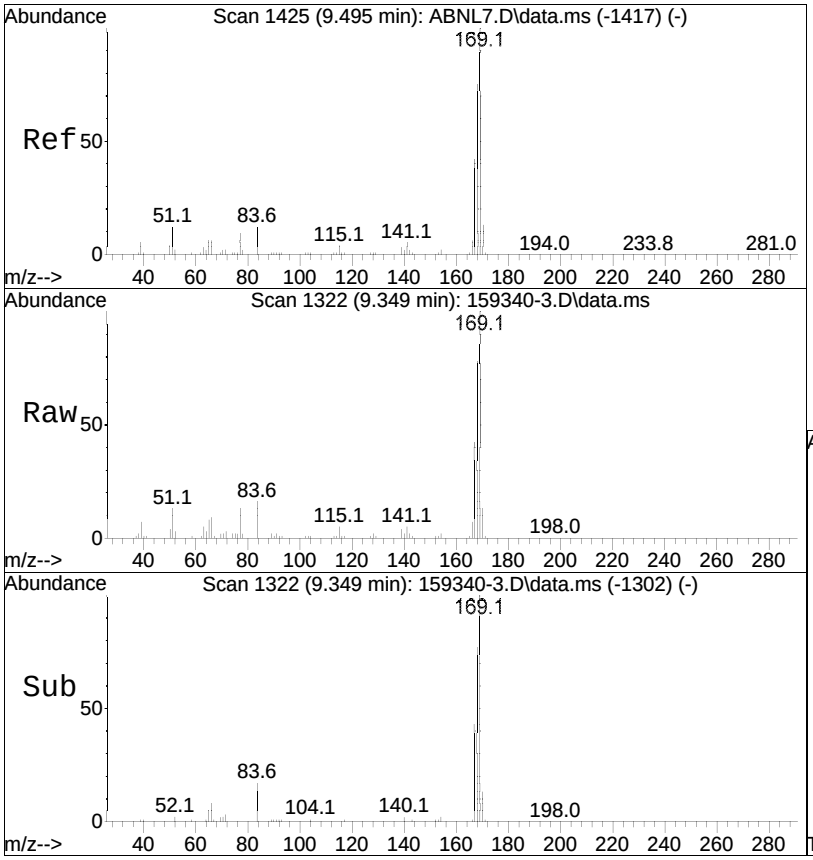


#76
4,6-Dinitro-o-cresol
Concen: 33.14 ug/ml
RT: 9.290 min Scan# 1312
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:198 Resp: 99773

Ion	Ratio	Lower	Upper
198	100		
51	38.8	35.0	52.6
105	42.9	32.3	48.5

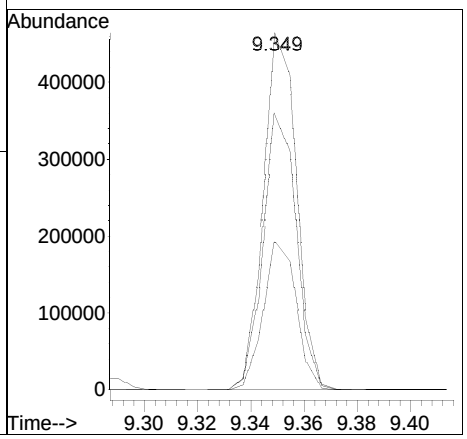


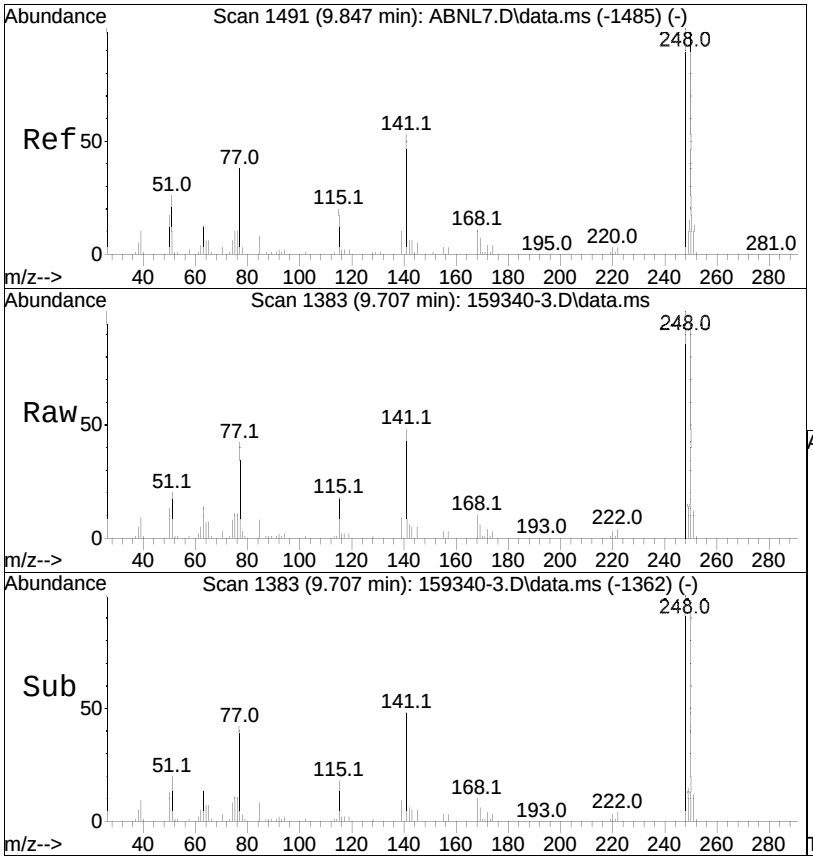


#77
NDPA/DPA
Concen: 29.67 ug/ml
RT: 9.349 min Scan# 1322
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:169 Resp: 402646

Ion	Ratio	Lower	Upper
169	100		
168	77.9	54.6	82.0
167	41.8	30.7	46.1

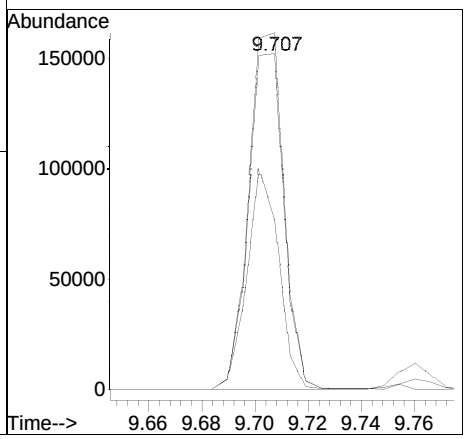


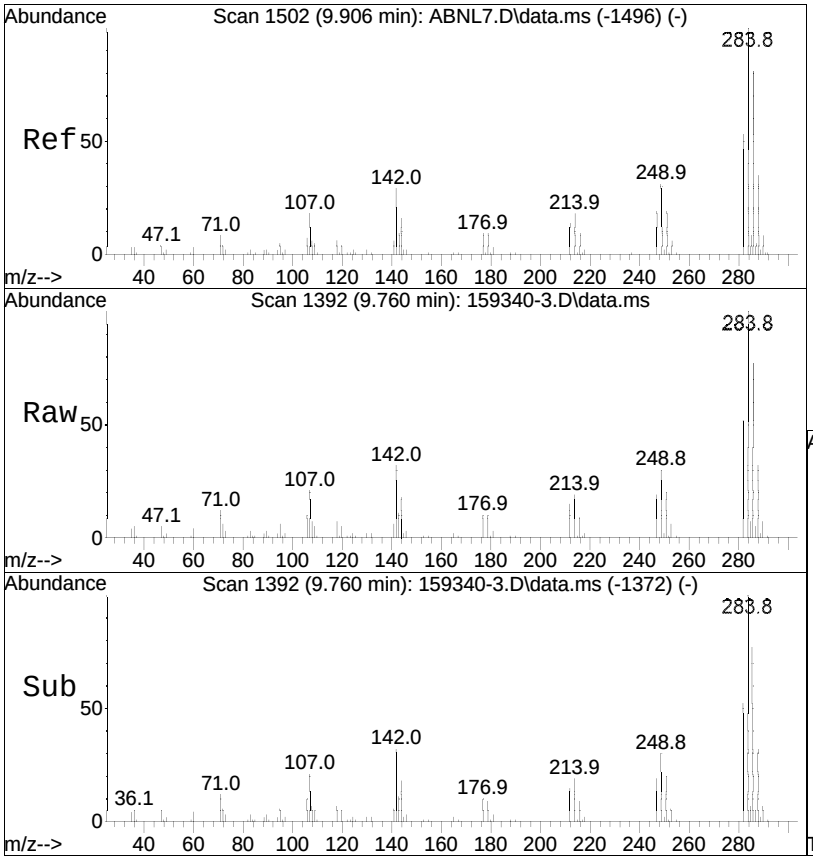


#80
4-Bromophenyl phenyl ether
Concen: 29.69 ug/ml
RT: 9.707 min Scan# 1383
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:248 Resp: 149460

Ion	Ratio	Lower	Upper
248	100		
141	55.8	46.6	70.0
250	94.2	79.4	119.2

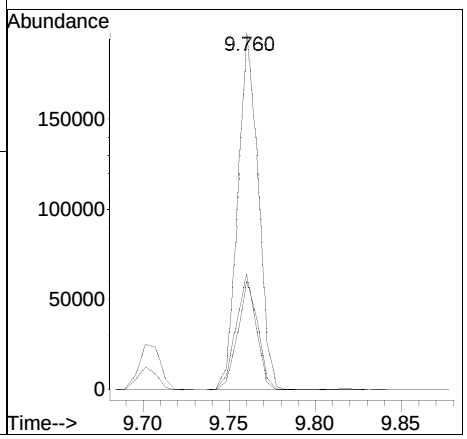


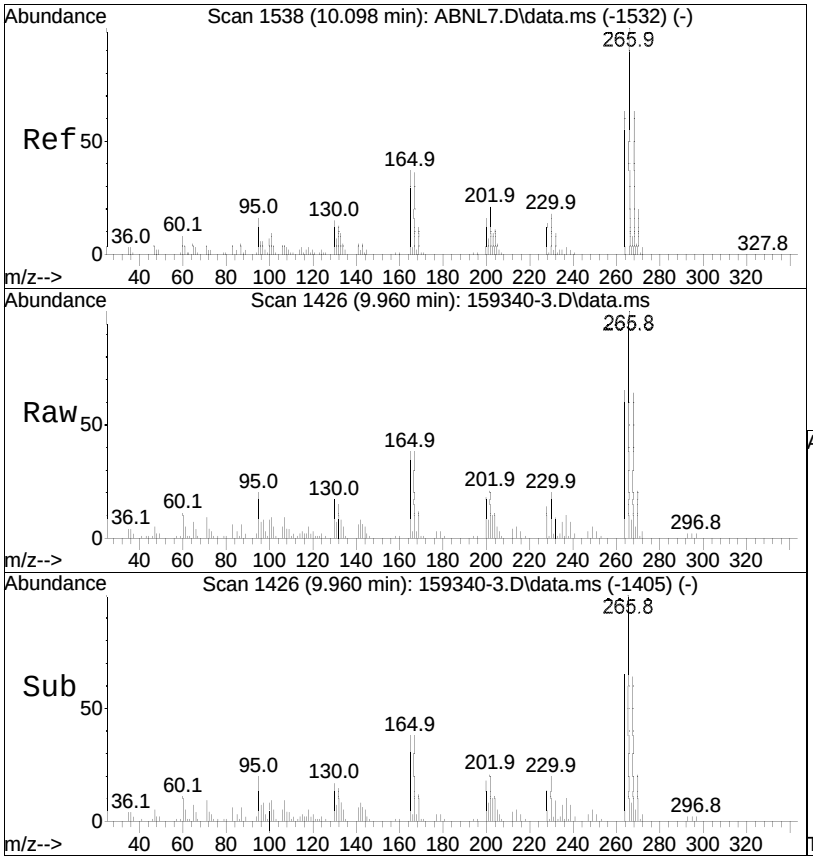


#81
Hexachlorobenzene
Concen: 27.38 ug/ml
RT: 9.760 min Scan# 1392
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:284 Resp: 163257

Ion	Ratio	Lower	Upper
284	100		
142	32.0	26.0	39.0
249	30.3	20.6	30.8

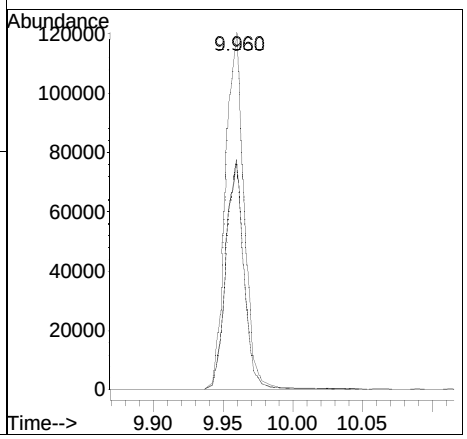


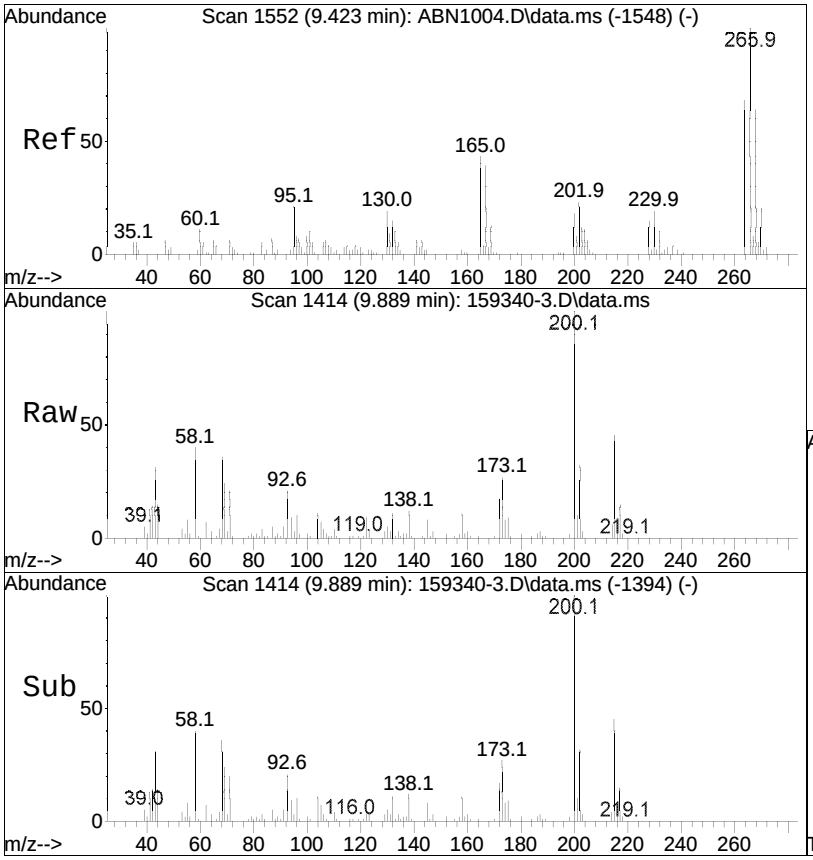


#82
Pentachlorophenol
Concen: 25.50 ug/ml
RT: 9.960 min Scan# 1426
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:266 Resp: 111190

Ion	Ratio	Lower	Upper
266	100		
264	63.1	51.2	76.8
268	62.0	51.5	77.3

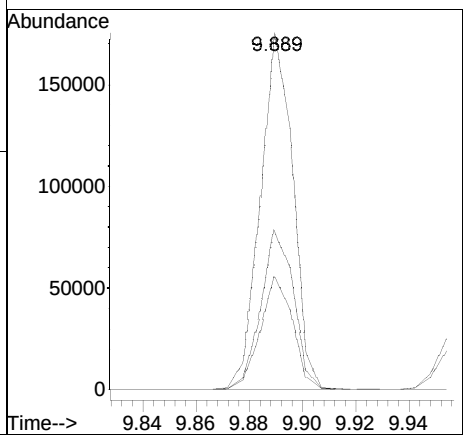


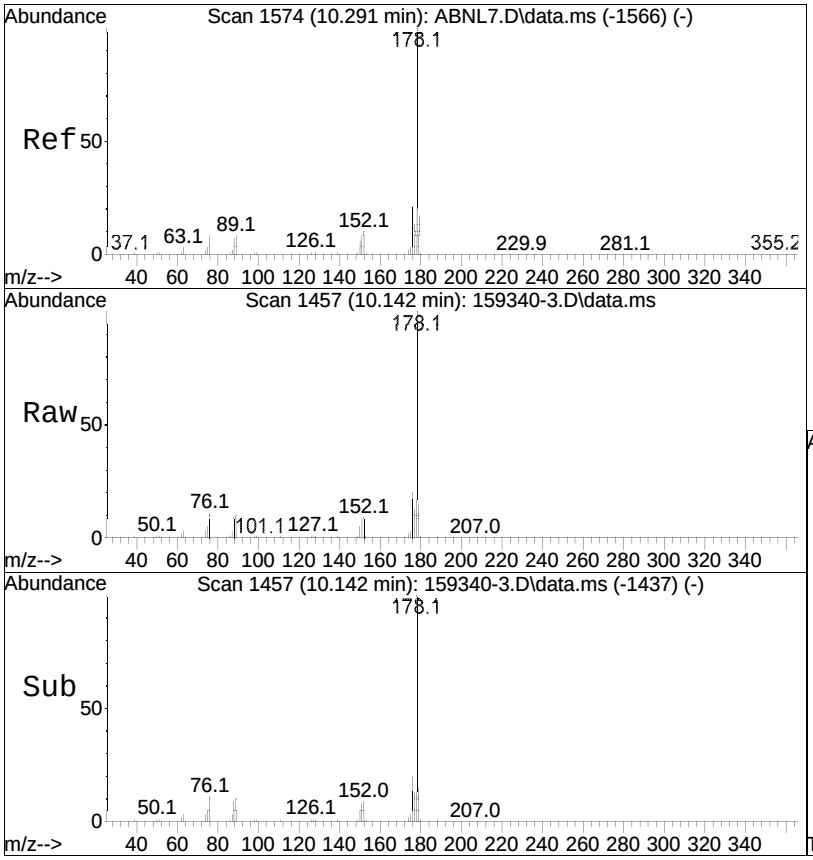


#87
Atrazine
Concen: 29.98 ug/ml
RT: 9.889 min Scan# 1414
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:200 Resp: 147418

Ion	Ratio	Lower	Upper
200	100		
202	31.8	25.8	38.8
215	45.4	40.3	60.5

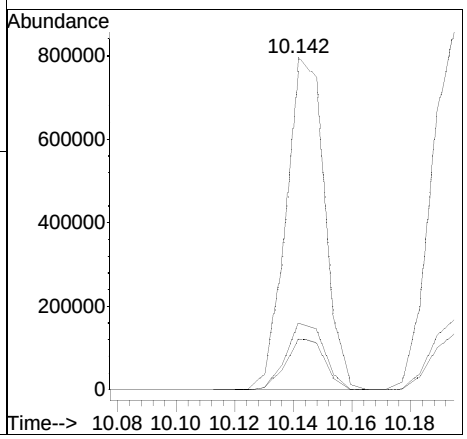


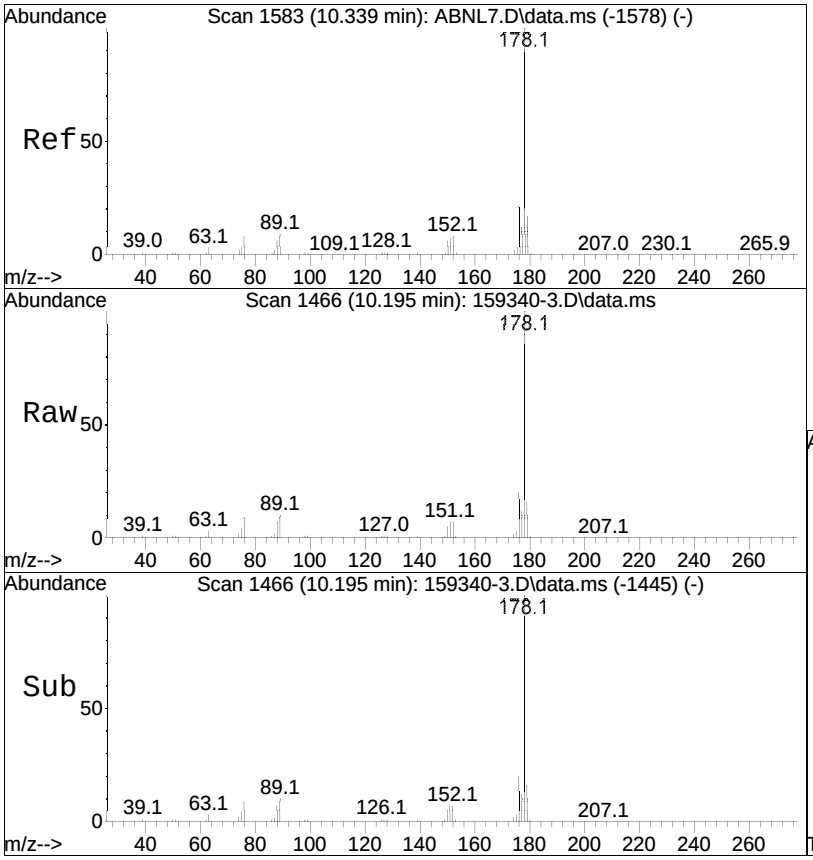


#89
Phenanthrene
Concen: 28.67 ug/ml
RT: 10.142 min Scan# 1457
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:178 Resp: 728650

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.7	19.1
176	20.1	15.8	23.6

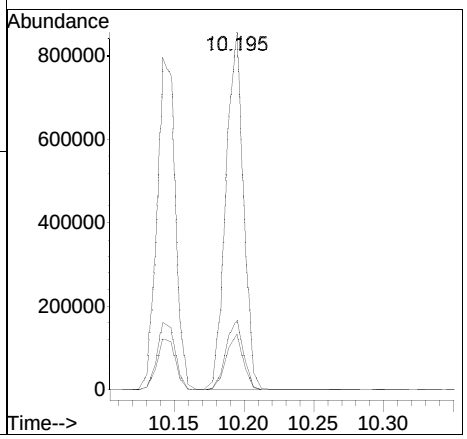


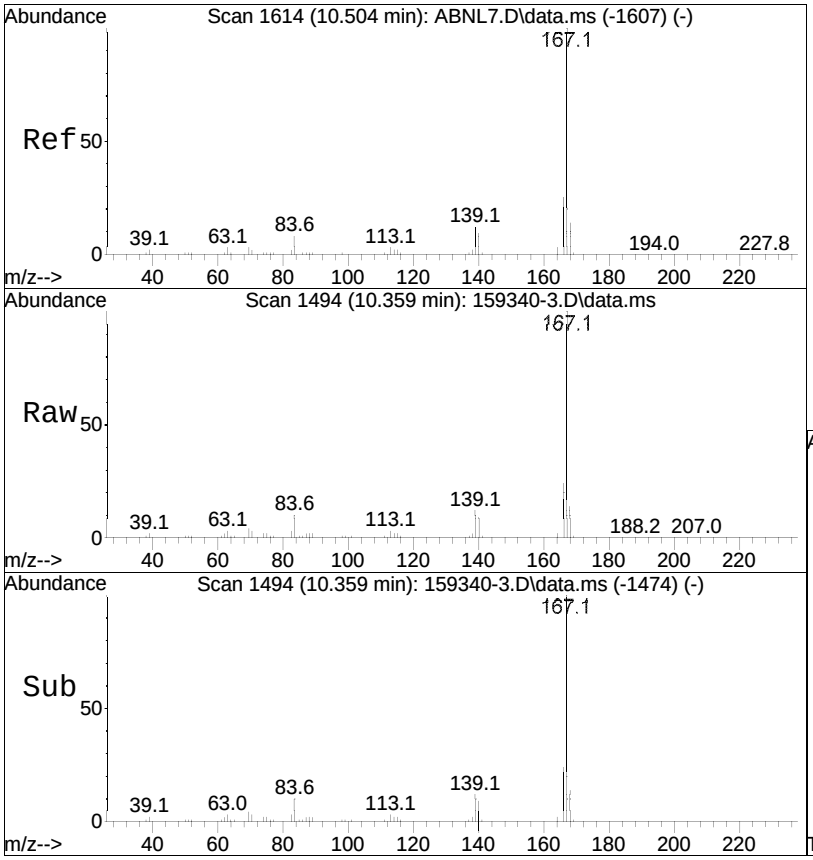


#90
Anthracene
Concen: 29.63 ug/ml
RT: 10.195 min Scan# 1466
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:178 Resp: 752286

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.5	18.7
176	19.6	15.4	23.0

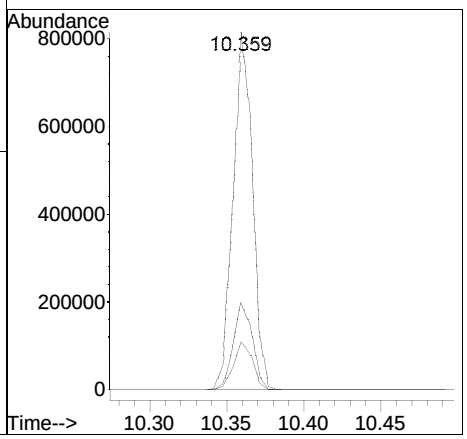


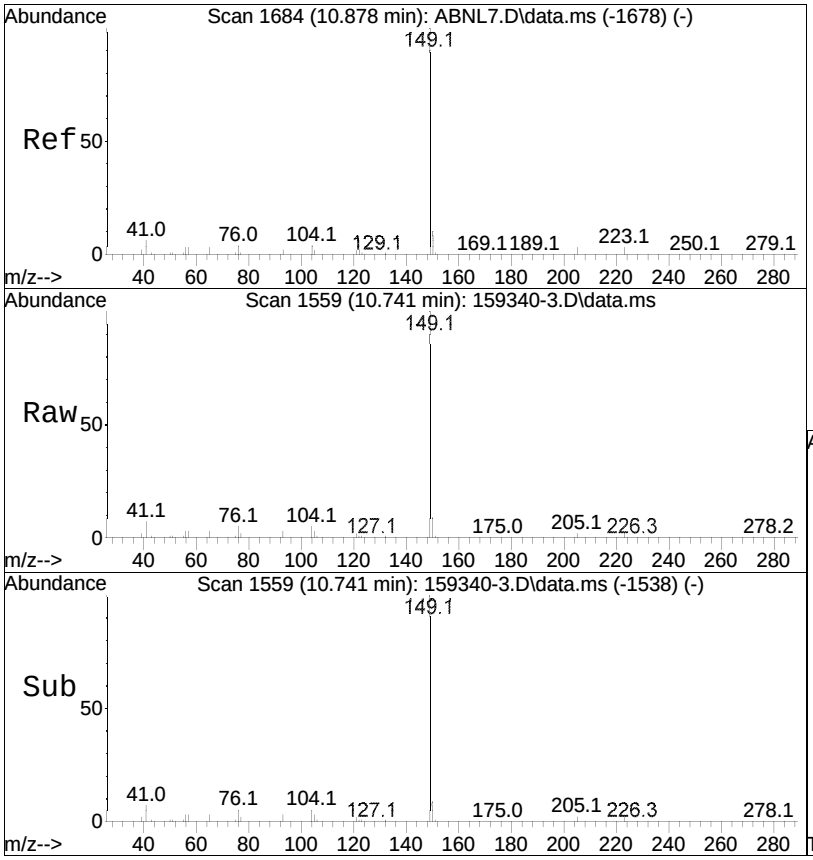


#91
Carbazole
Concen: 29.48 ug/ml
RT: 10.359 min Scan# 1494
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:167 Resp: 707816

Ion	Ratio	Lower	Upper
167	100		
168	13.4	11.3	16.9
166	24.2	17.8	26.8

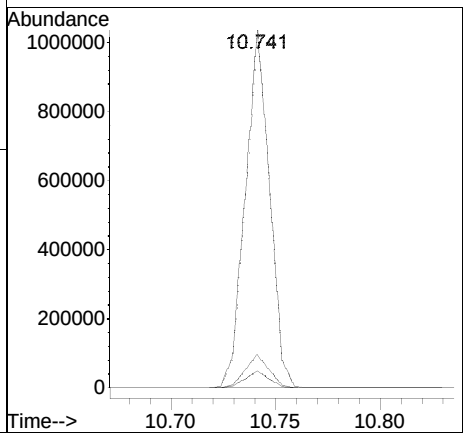


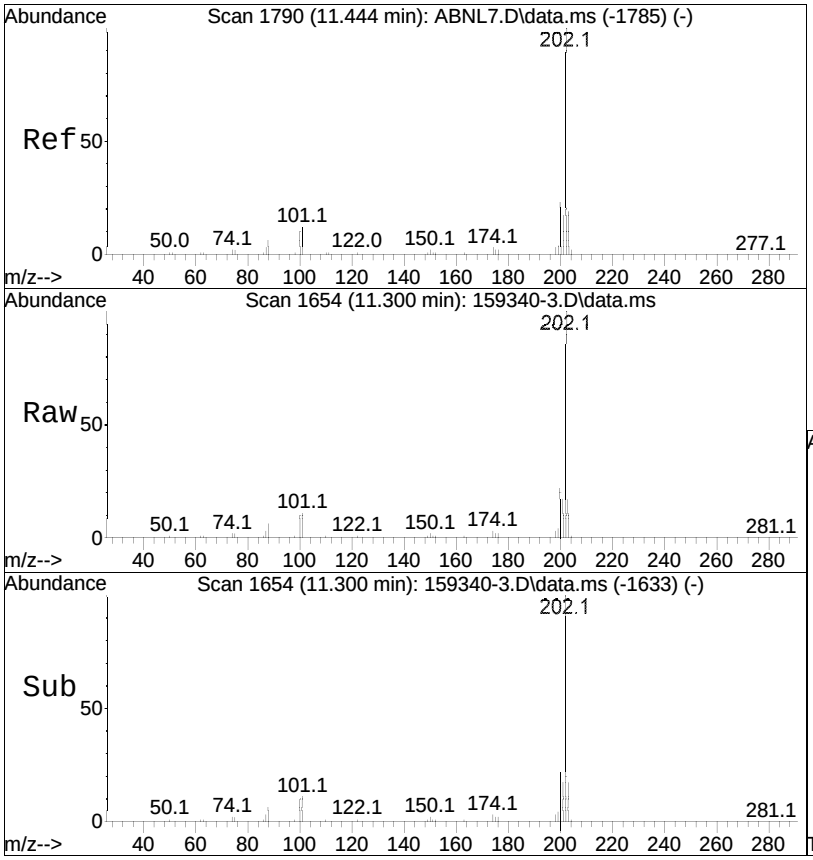


#92
Di-n-butylphthalate
Concen: 31.95 ug/ml
RT: 10.741 min Scan# 1559
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:149 Resp: 820450

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	4.7	3.8	5.8

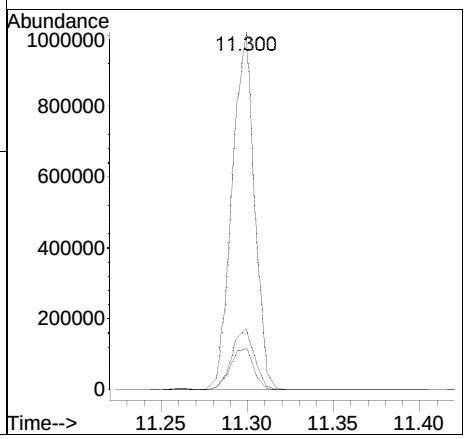


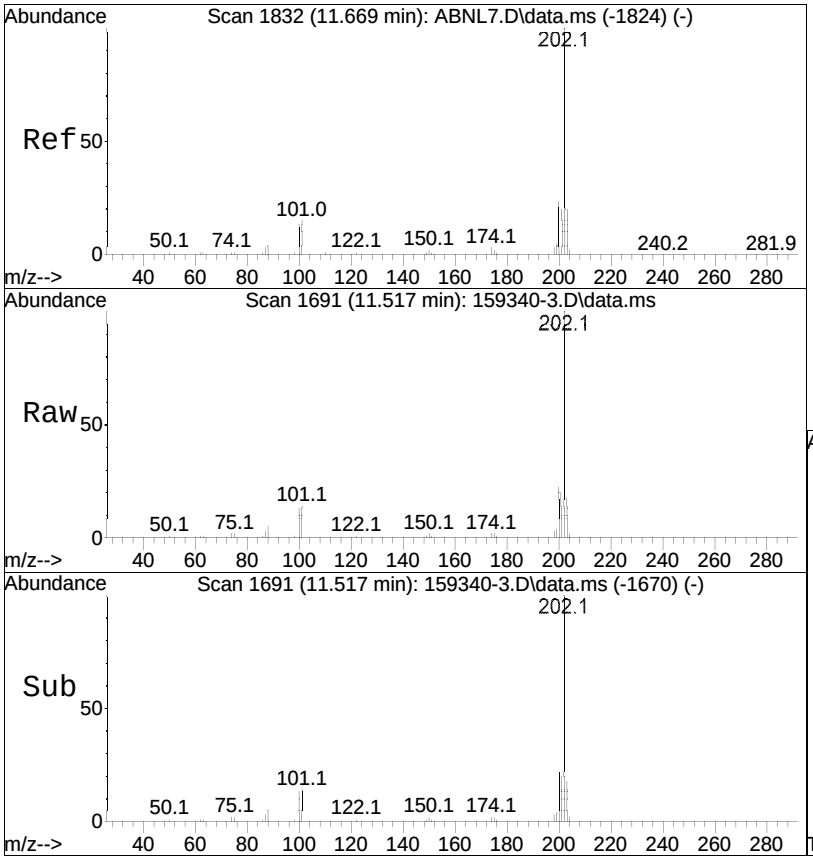


#93
Fluoranthene
Concen: 30.19 ug/ml
RT: 11.300 min Scan# 1654
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:202 Resp: 901342

Ion	Ratio	Lower	Upper
202	100		
101	12.1	12.6	19.0#
203	17.4	14.4	21.6

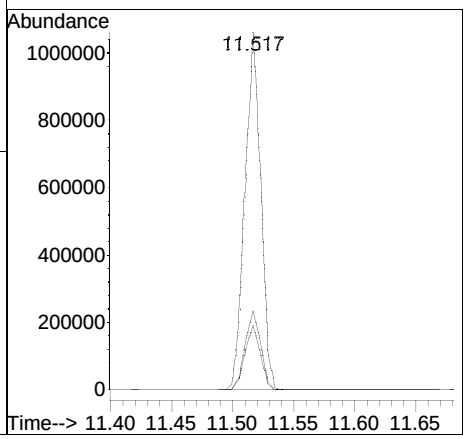


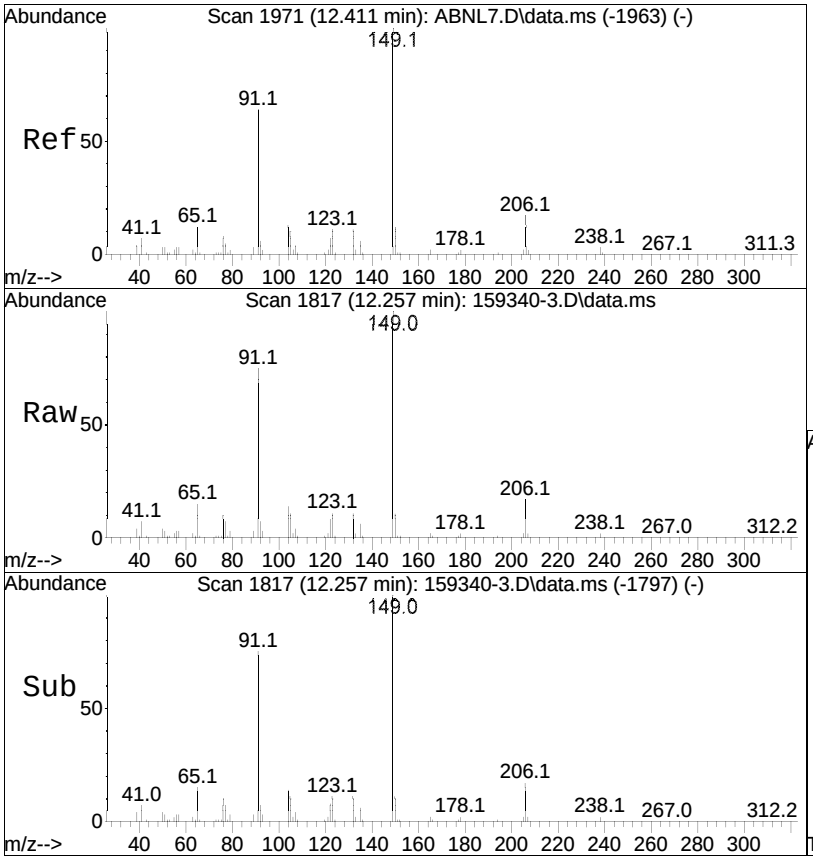


#95
Pyrene
Concen: 29.12 ug/ml
RT: 11.517 min Scan# 1691
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:202 Resp: 940718

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.2	25.8
203	17.9	15.0	22.6

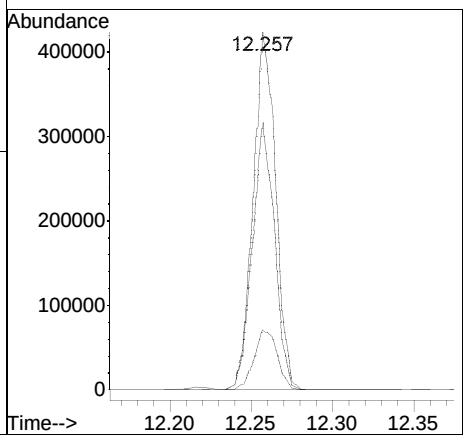


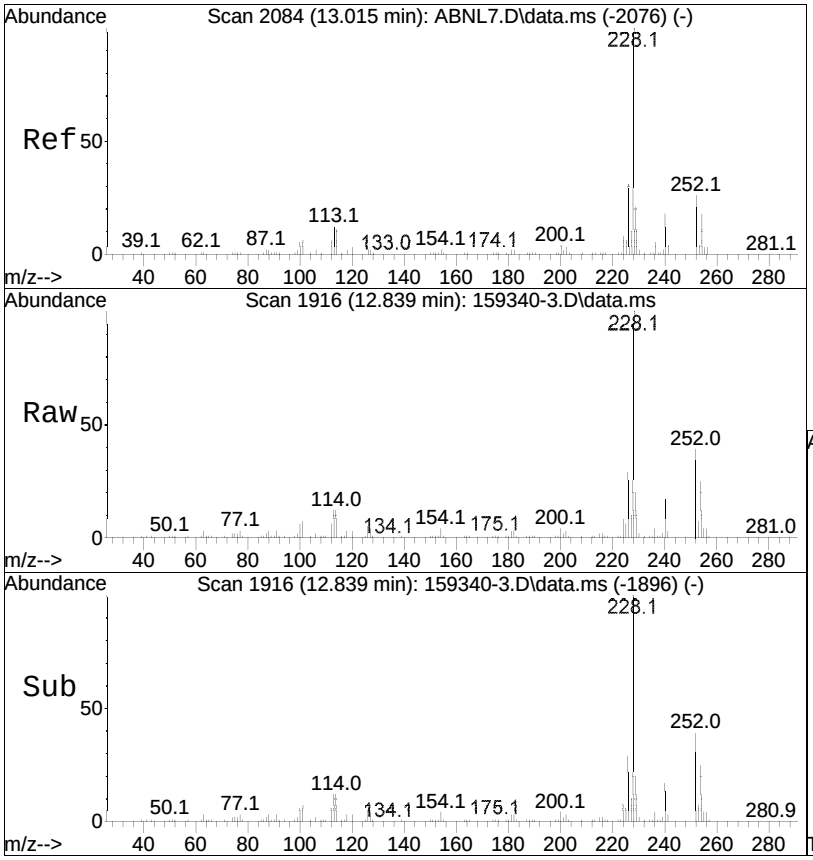


#97
Butyl benzyl phthalate
Concen: 29.97 ug/ml
RT: 12.257 min Scan# 1817
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:149 Resp: 398200

Ion	Ratio	Lower	Upper
149	100		
91	73.8	53.4	80.2
206	17.5	13.3	19.9

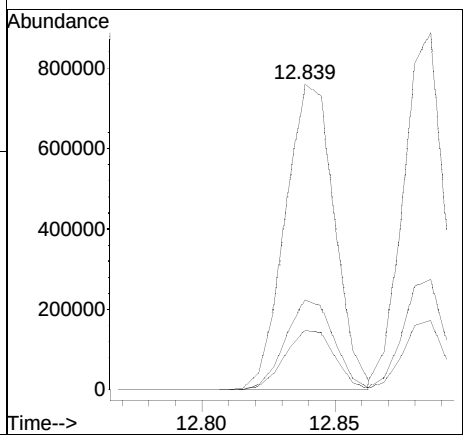


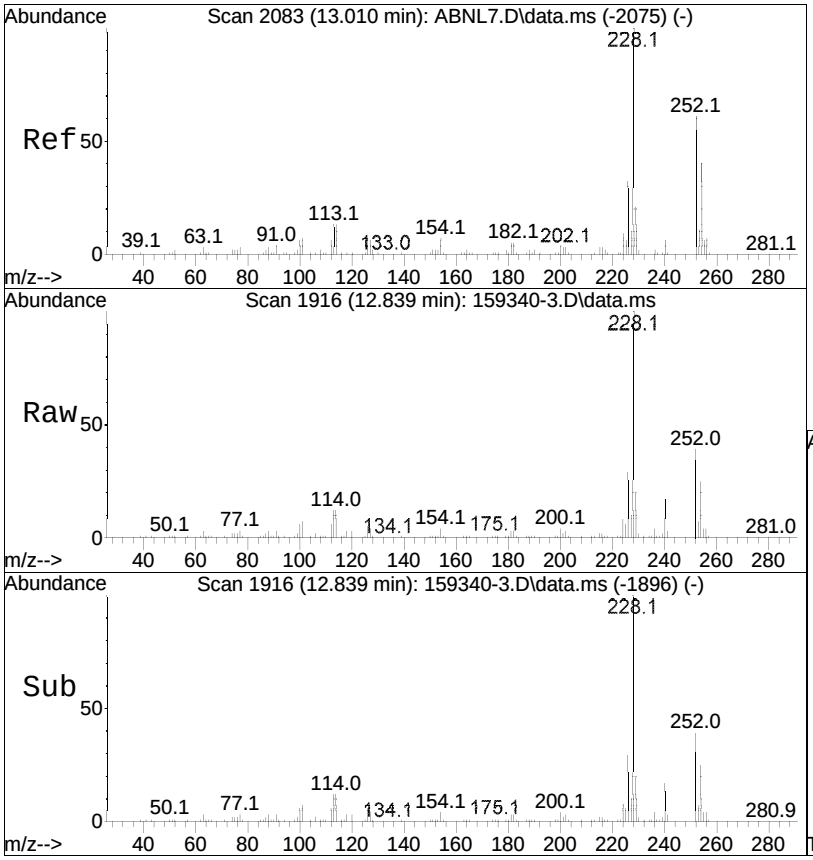


#105
Benzo(a)anthracene
Concen: 32.60 ug/ml
RT: 12.839 min Scan# 1916
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:228 Resp: 975610

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.9	34.3
229	19.8	16.1	24.1

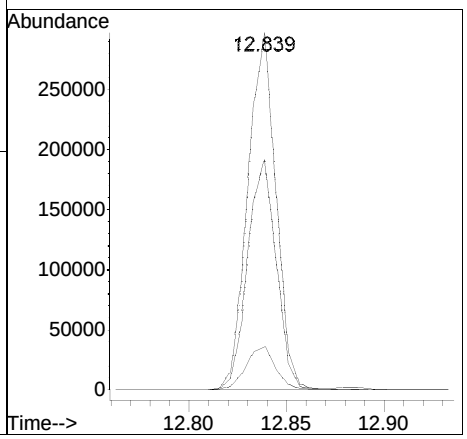


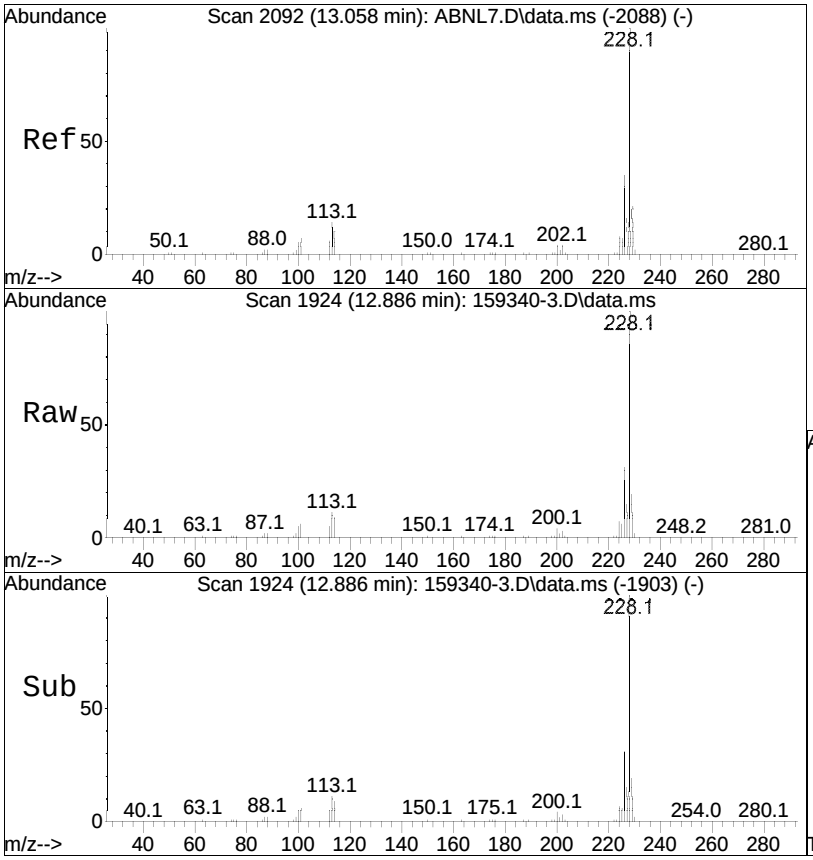


#106
3,3'-Dichlorobenzidine
Concen: 27.77 ug/ml
RT: 12.839 min Scan# 1916
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:252 Resp: 296857

Ion	Ratio	Lower	Upper
252	100		
126	13.1	13.4	20.0#
254	65.5	52.8	79.2

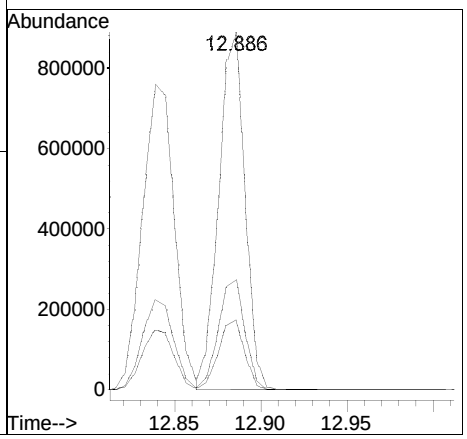


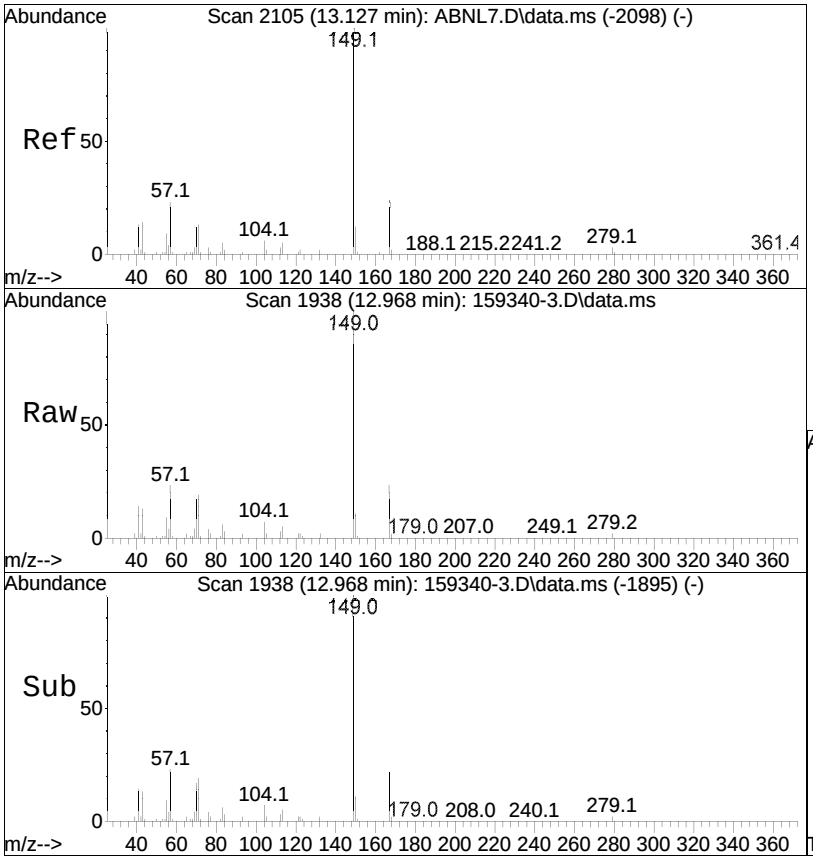


#107
Chrysene
Concen: 34.10 ug/ml
RT: 12.886 min Scan# 1924
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:228 Resp: 937680

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.9	37.3
229	19.6	16.6	24.8

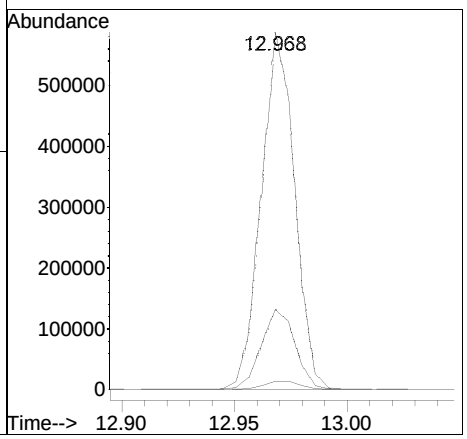


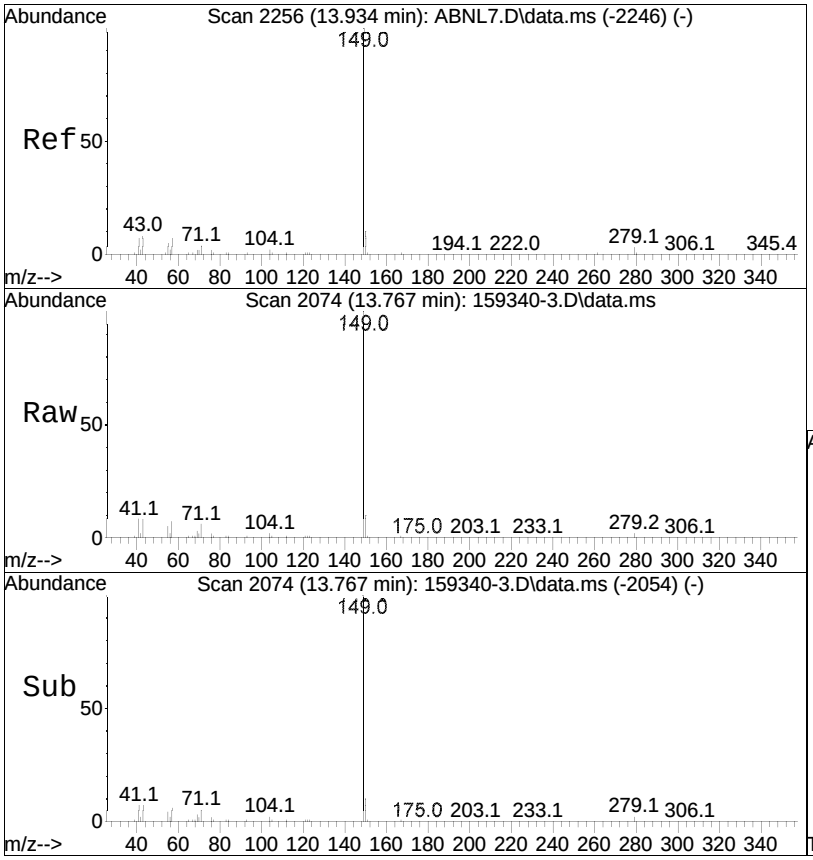


#108
Bis(2-ethylhexyl)phthalate
Concen: 39.29 ug/ml
RT: 12.968 min Scan# 1938
Delta R.T. 0.000 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:149 Resp: 597407

Ion	Ratio	Lower	Upper
149	100		
167	23.0	21.2	31.8
279	2.4	3.8	5.6#

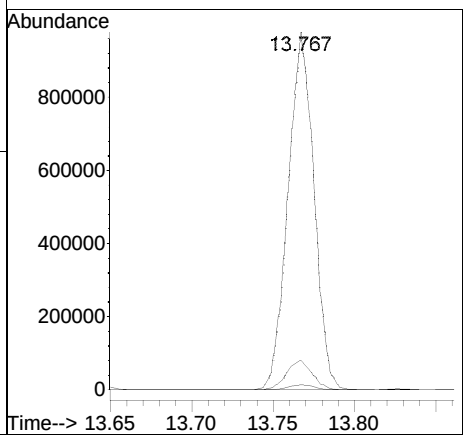


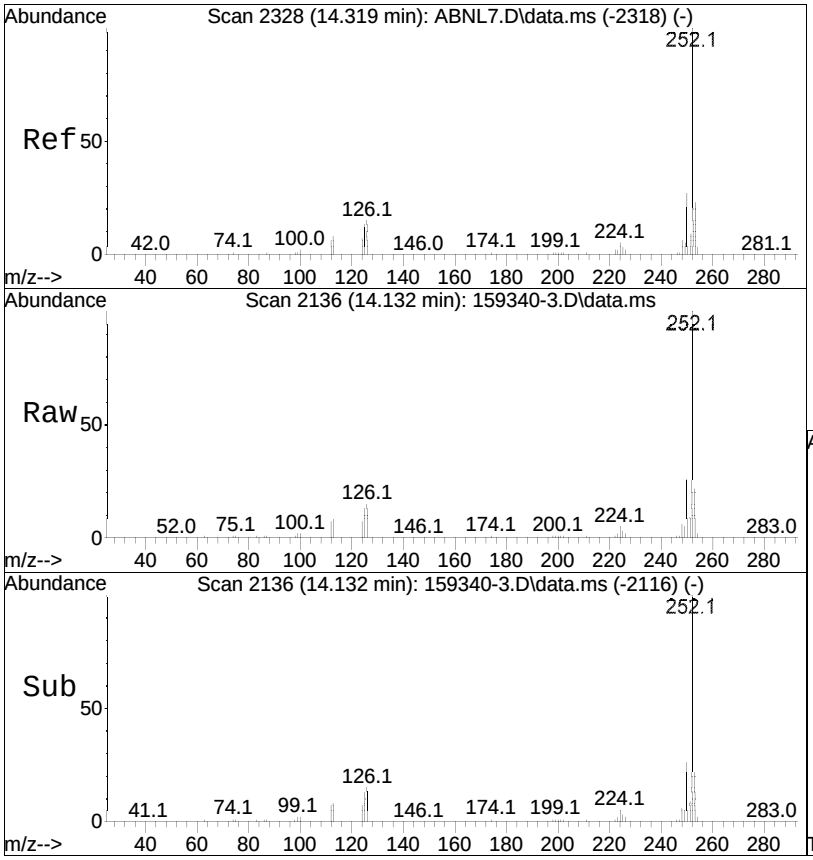


#109
Di-n-octylphthalate
Concen: 42.12 ug/ml
RT: 13.767 min Scan# 2074
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:149 Resp: 1062932

Ion	Ratio	Lower	Upper
149	100		
43	8.2	8.0	12.0
167	1.4	1.0	1.6

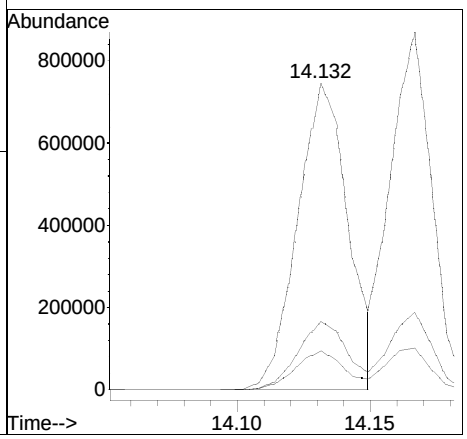


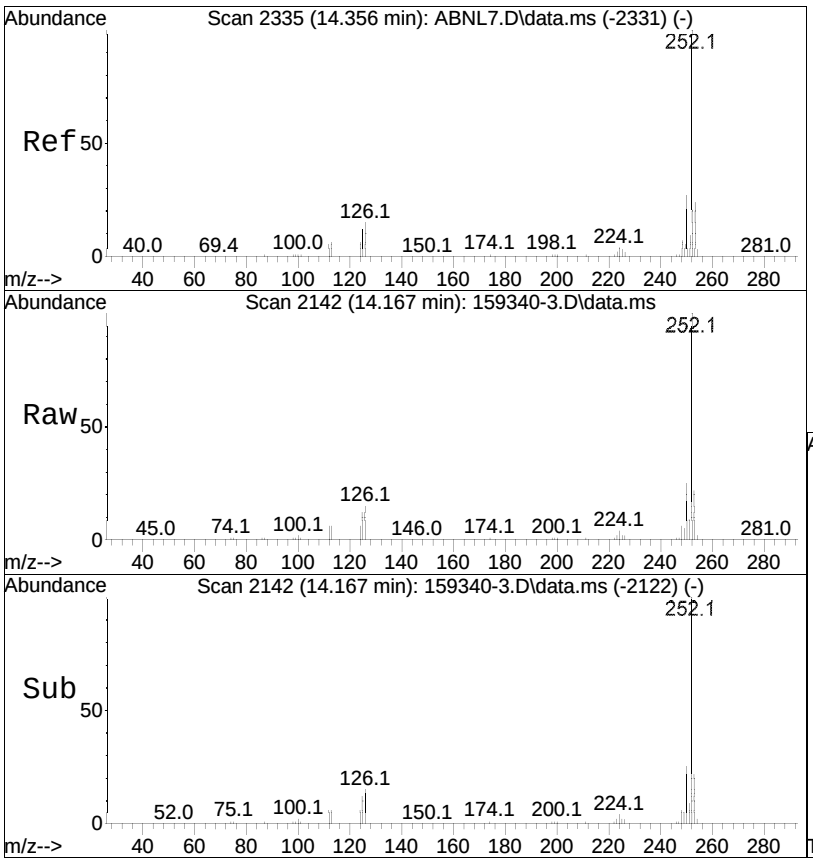


#110
Benzo(b)fluoranthene
Concen: 34.26 ug/ml
RT: 14.132 min Scan# 2136
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:252 Resp: 992844

Ion	Ratio	Lower	Upper
252	100		
125	12.7	12.6	18.8
253	22.2	18.2	27.2

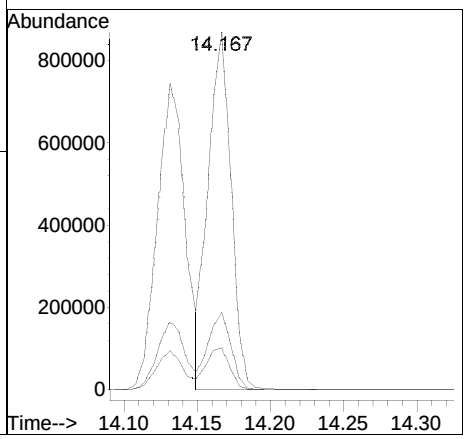


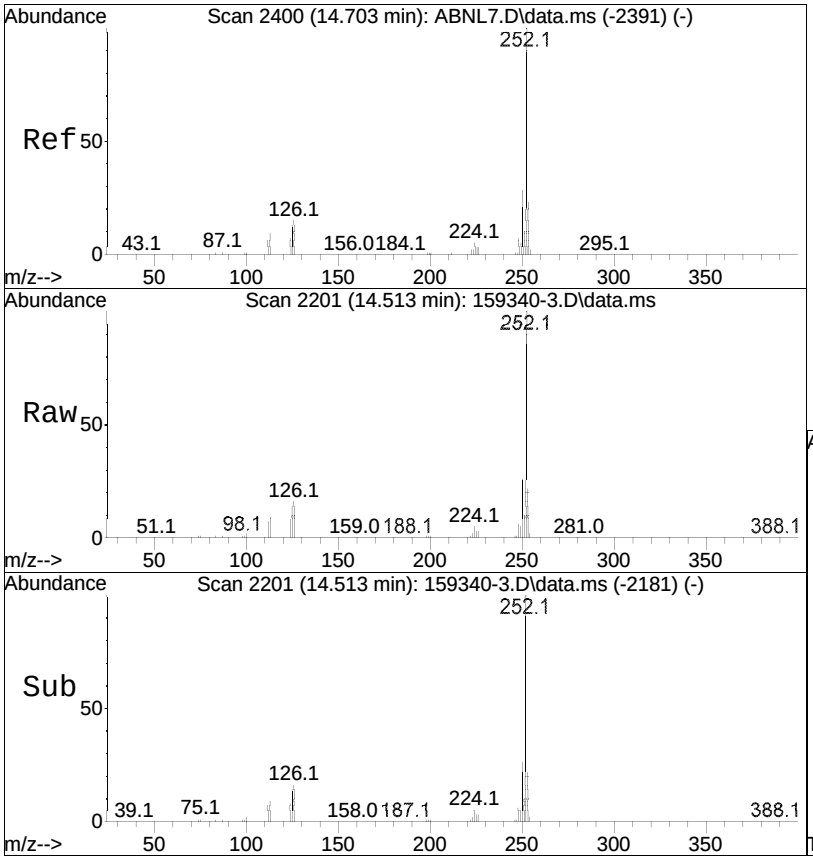


#111
Benzo(k)fluoranthene
Concen: 32.12 ug/ml
RT: 14.167 min Scan# 2142
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:252 Resp: 934154

Ion	Ratio	Lower	Upper
252	100		
125	12.1	12.1	18.1
253	21.8	18.1	27.1

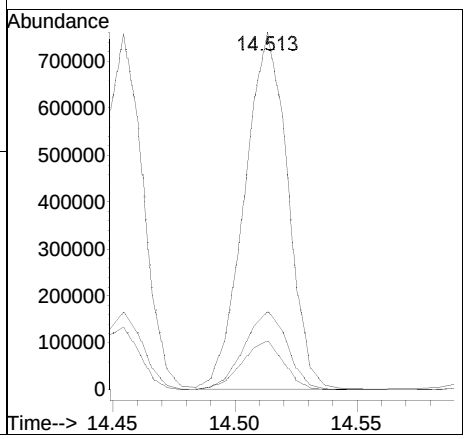


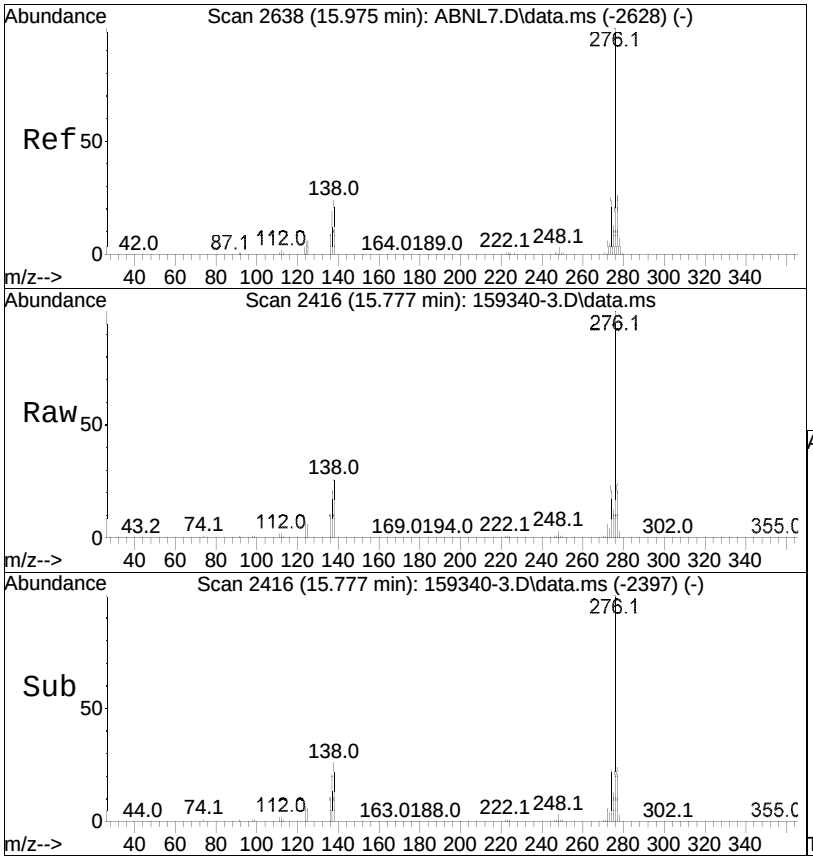


#112
Benzo(a)pyrene
Concen: 33.99 ug/ml
RT: 14.513 min Scan# 2201
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:252 Resp: 932495

Ion	Ratio	Lower	Upper
252	100		
125	13.4	13.3	19.9
253	21.9	18.2	27.4

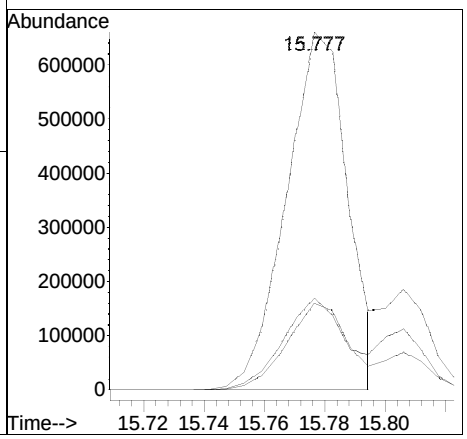


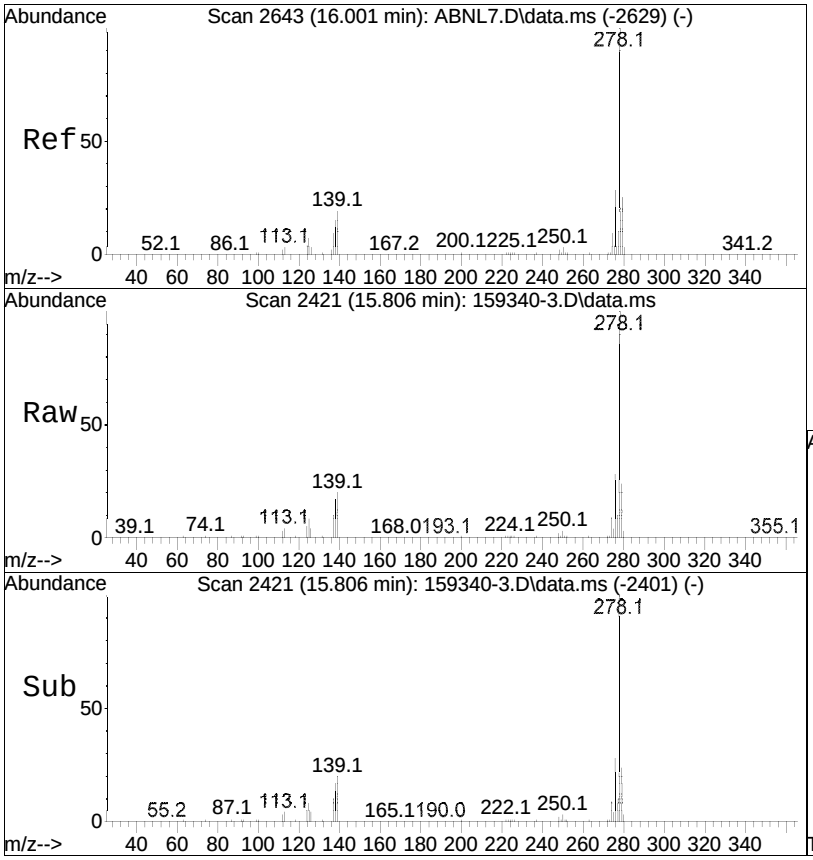


#114
Indeno(1,2,3-cd)pyrene
Concen: 31.21 ug/mL M6
RT: 15.777 min Scan# 2416
Delta R.T. -0.012 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:276 Resp: 931846

Ion	Ratio	Lower	Upper
276	100		
138	26.8	26.7	40.1
277	24.3	20.4	30.6

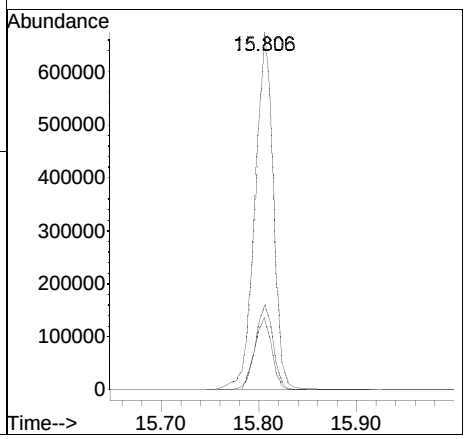


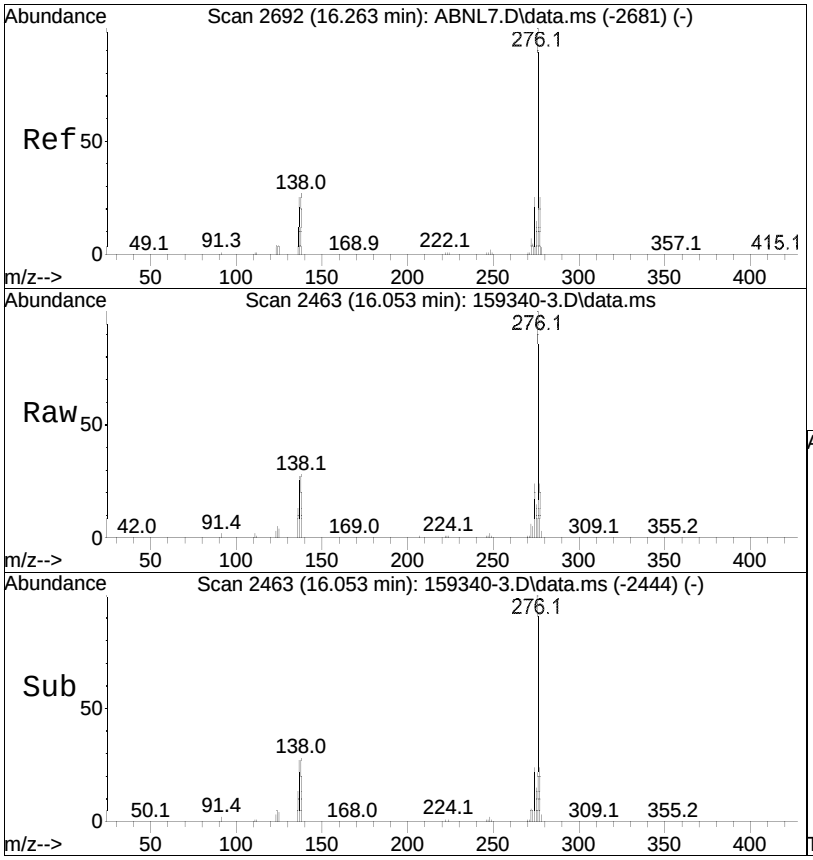


#115
Dibenzo(a,h)anthracene
Concen: 28.83 ug/ml
RT: 15.806 min Scan# 2421
Delta R.T. -0.006 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:278 Resp: 875750

Ion	Ratio	Lower	Upper
278	100		
139	19.3	18.2	27.4
279	23.4	19.3	28.9

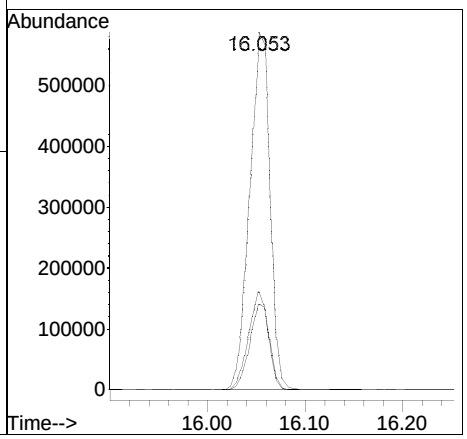




#116
Benzo(ghi)perylene
Concen: 29.18 ug/ml
RT: 16.053 min Scan# 2463
Delta R.T. -0.012 min
Lab File: 159340-3.D
Acq: 29 Dec 2025 12:26 pm

Tgt Ion:276 Resp: 845205

Ion	Ratio	Lower	Upper
276	100		
138	26.9	26.1	39.1
277	24.1	19.4	29.0

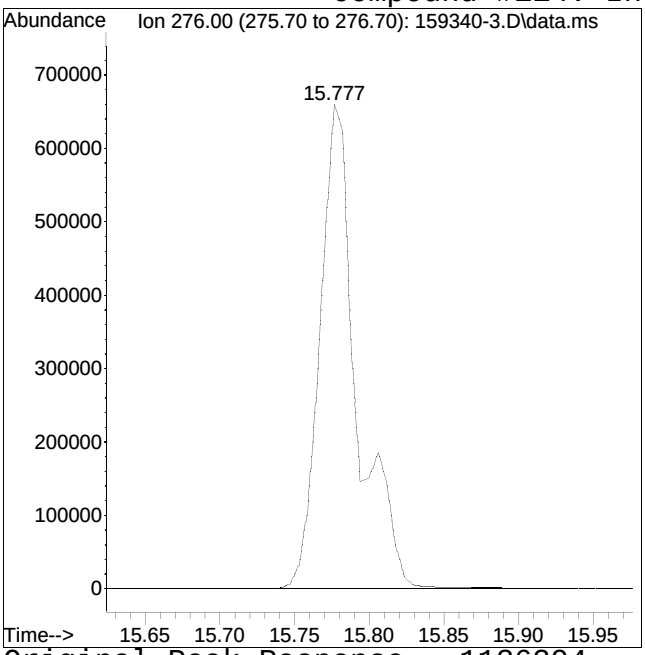


Manual Integration Report

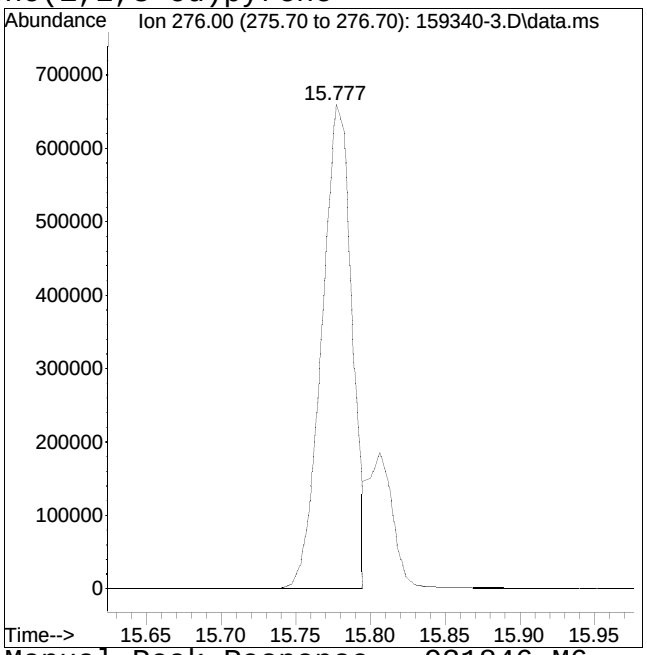
Data Path : I:\8270\GCMS5\251229\
Data File : 159340-3.D
Date Inj'd : 12/29/2025 12:26 pm
Sample : WG2159340-3,32,,smc

QMethod : FS250731GCMS5.m
Operator : GCMS5:cmm
Instrument : GCMS5
Quant Date : 12/29/2025 2:26 pm

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 1136294



Manual Peak Response = 931846 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Calculation of Semi Volatile Organic Compounds

Aqueous Concentration Formula: Amt * DF * 1000 * (1/Vo) * Vf

Where:
DF = Dilution Factor
Vo = Volume of Sample (mL)
Vf = Extraction Lab Final Volume (mL)

Soil Concentration Formula: Amt * DF * 1000 * (1/Wt) * Vf * (100/TS)
Where:
DF = Dilution Factor
Wt = Weight of Sample (g)
Vf = Extraction Lab Final Volume (mL)
TS = Total Solids

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Feb 04 2026, 02:00 pm

Work Group: WG2158852 for Department: 2 Organic Preparation

Created: 26-DEC-25 Due: Operator: KVG

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2579446-11	WC-SOIL	S	8270TCL	SOIL	DONE	U	1226	1229	S0	Glass-A.25
L2579635-01	EP-1	S	NYTCL-8270	SOIL	DONE	U	1229	1230	S0	Glass-A.25
L2579710-01	CA-WC-03 (URBAN FILL)	S	8270TCL	SOIL	DONE	U	1229	1230	S0	Glass-A.25
L2580049-01	B-4 (14-15')	S	NYCP51-PAH	SOIL	DONE	U	1229	1231	S0	Glass-A.120
L2580594-01	#1 C-35326 MYRTLE AVE SOIL	S	NYTCL-8270	SOIL	DONE	U	1226	0102	S0	Glass-A.25
L2580856-01	AREA01-SW-12152025	S	NYTCL-8270	SOIL	DONE	U	1229	0105	S0	Glass-A.25
L2580856-02	AREA01-BOTTOM-12152025	S	NYTCL-8270	SOIL	DONE	U	1229	0105	S0	Glass-A.25
L2580856-03	AREA02-NW-12152025	S	NYTCL-8270	SOIL	DONE	U	1229	0105	S0	Glass-A.25
L2581284-01	PC-1	C	8270TCL	SOIL	DONE	U	0102	1231	3E	Glass-A.25
L2581284-02	PC-2	C	8270TCL	SOIL	DONE	U	0102	1231	3E	Glass-A.25
L2581284-03	PC-3	C	8270TCL	SOIL	DONE	U	0102	1231	3E	Glass-A.25
L2581284-04	PC-4	C	8270TCL	SOIL	DONE	U	0102	1231	3E	Glass-A.25
L2581304-01	PIA-N-BOT-09-121525	S	NYCP51-PAH	SOIL	DONE	U	1229	0106	S0	Glass-A.120
WG2158852-1	Laboratory Method Bl	S	8270TCL	SOIL	DONE	U				
WG2158852-1	Laboratory Method Bl	S	NYCP51-PAH	SOIL	WIP	U				
WG2158852-1	Laboratory Method Bl	S	NYTCL-8270	SOIL	DONE	U				
WG2158852-2	Laboratory Control S	S	NYTCL-8270	SOIL	DONE	U				
WG2158852-2	Laboratory Control S	S	NYCP51-PAH	SOIL	WIP	U				
WG2158852-2	Laboratory Control S	S	8270TCL	SOIL	DONE	U				
WG2158852-3	LCS Duplicate	S	NYTCL-8270	SOIL	DONE	U				
WG2158852-3	LCS Duplicate	S	NYCP51-PAH	SOIL	WIP	U				
WG2158852-3	LCS Duplicate	S	8270TCL	SOIL	DONE	U				

Comments:

WG2158852-3 WG2158852-2

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Jan 05 2026, 12:37 pm

Work Group: WG2159340 for Department: 2 Organic Preparation

Created: 28-DEC-25 Due: Operator: JRJ

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2580856-04	AREA03-SW-12162025	S	NYTCL-8270	SOIL	DONE	U	1230	0105	S0	Glass-A.25
L2580856-05	AREA03-NW-12162025	S	NYTCL-8270	SOIL	DONE	U	1230	0105	S0	Glass-A.25
L2580856-06	AREA03-EW-12162025	S	NYTCL-8270	SOIL	DONE	U	1230	0105	S0	Glass-A.25
L2580856-07	AREA03-BOTTOM-12162025	S	NYTCL-8270	SOIL	DONE	U	1230	0105	S0	Glass-A.25
L2581267-13	SW2-4	S	NYTCL-8270	SOIL	DONE	U	0102	1231	S0	Glass-A.25
L2581267-14	SW3-4	S	NYTCL-8270	SOIL	DONE	U	0102	1231	S0	Glass-A.25
L2581267-15	SW1-4	S	NYTCL-8270	SOIL	DONE	U	0102	1231	S0	Glass-A.25
L2582042-01	B-07_14-16	S	NYTCL-8270	SOIL	DONE	U	0106	1231	S0	Glass-A.25
L2582042-02	DUP03_20251223	S	NYTCL-8270	SOIL	DONE	U	0106	1231	S0	Glass-A.25
L2582042-03	B-07_17-19	S	NYTCL-8270	SOIL	DONE	U	0106	1231	S0	Glass-A.25
L2582042-04	B-07_22-24	S	NYTCL-8270	SOIL	DONE	U	0106	1231	S0	Glass-A.25
L2582042-06	B-07_25-27	S	NYTCL-8270	SOIL	DONE	U	0106	1231	S0	Glass-A.25
L2582042-07	B-07_55-57	S	NYTCL-8270	SOIL	DONE	U	0106	1231	S0	Glass-A.25
L2582042-10	B-07_75-77	S	NYTCL-8270	SOIL	DONE	U	0106	1231	S0	Glass-A.25
L2582230-01	C12-12FT-20251224	S	NYTCL-8270	SOIL	DONE	U	0107	1230	3C	Glass-A.25
WG2159340-1	Laboratory Method Bl	S	NYTCL-8270	SOIL	DONE	U				
WG2159340-2	Laboratory Control S	S	NYTCL-8270	SOIL	DONE	U				
WG2159340-3	LCS Duplicate	S	NYTCL-8270	SOIL	DONE	U				
WG2159340-4	Matrix Spike	S	NYTCL-8270	SOIL	DONE	U				
WG2159340-5	Matrix Spike Duplica	S	NYTCL-8270	SOIL	DONE	U				

Comments:

WG2159340-3	WG2159340-2
WG2159340-4	L2582042-03
WG2159340-5	L2582042-03

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Jan 05 2026, 12:37 pm

Work Group: WG2160343 for Department: 2 Organic Preparation

Created: 30-DEC-25 Due: Operator: CHA

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2580794-01	UT5713CS02	S	NYTCL-8270	SOIL	DONE	U	0101	0105	S0	Glass-A.25
L2580794-02	UT5713CS03	S	NYTCL-8270	SOIL	DONE	U	0101	0105	S0	Glass-A.25
L2580794-03	UT5713CS04	S	NYTCL-8270	SOIL	DONE	U	0101	0105	S0	Glass-A.25
L2580794-04	UT5713CS05	S	NYTCL-8270	SOIL	DONE	U	0101	0105	S0	Glass-A.25
L2580827-03	DI-3	S	NYCP51-PAH	SOIL	DONE	U	0101	0105	S0	Glass-A.120
L2580827-04	PL-13	S	NYCP51-PAH	SOIL	DONE	U	0101	0105	S0	Glass-A.120
L2580827-05	PL-12	S	NYCP51-PAH	SOIL	DONE	U	0101	0105	S0	Glass-A.120
L2580827-06	PL-11	S	NYCP51-PAH	SOIL	DONE	U	0101	0105	S0	Glass-A.120
L2580827-07	PL-10	S	NYCP51-PAH	SOIL	DONE	U	0101	0105	S0	Glass-A.120
L2580827-08	DI-2	S	NYCP51-PAH	SOIL	DONE	U	0101	0105	S0	Glass-A.120
L2580827-09	PL-9	S	NYCP51-PAH	SOIL	DONE	U	0101	0105	S0	Glass-A.120
L2580852-01	TP-04/05 4-5	S	NYTCL-8270	SOIL	DONE	U	0101	0105	S0	Glass-A.25
L2580856-08	AREA04-BOTTOM-12182025	S	NYTCL-8270	SOIL	DONE	U	0101	0105	S0	Glass-A.25
L2580856-09	AREA04-SW-12182025	S	NYTCL-8270	SOIL	DONE	U	0101	0105	S0	Glass-A.25
L2580856-10	AREA04-WW-12182025	S	NYTCL-8270	SOIL	DONE	U	0101	0105	S0	Glass-A.25
L2580856-11	NW-PIPE-12182025	S	NYTCL-8270	SOIL	DONE	U	0101	0105	S0	Glass-A.25
L2580856-12	WW-PIPE-12182025	S	NYTCL-8270	SOIL	DONE	U	0101	0105	S0	Glass-A.25
L2580901-01	SB-01	S	NYSTARS-PAH	SOIL	DONE	U	0101	0105	S0	Glass-A.25
L2580901-02	SB-02	S	NYSTARS-PAH	SOIL	DONE	U	0101	0105	S0	Glass-A.25
L2580901-03	SB-03	S	NYSTARS-PAH	SOIL	DONE	U	0101	0105	S0	Glass-A.25
WG2160343-1	Laboratory Method Bl	S	NYSTARS-PAH	SOIL	DONE	U				
WG2160343-1	Laboratory Method Bl	S	NYTCL-8270	SOIL	DONE	U				
WG2160343-1	Laboratory Method Bl	S	NYCP51-PAH	SOIL	DONE	U				
WG2160343-2	Laboratory Control S	S	NYSTARS-PAH	SOIL	DONE	U				
WG2160343-2	Laboratory Control S	S	NYCP51-PAH	SOIL	DONE	U				
WG2160343-2	Laboratory Control S	S	NYTCL-8270	SOIL	DONE	U				
WG2160343-3	LCS Duplicate	S	NYTCL-8270	SOIL	DONE	U				
WG2160343-3	LCS Duplicate	S	NYSTARS-PAH	SOIL	DONE	U				
WG2160343-3	LCS Duplicate	S	NYCP51-PAH	SOIL	DONE	U				

Comments:

WG2160343-3 WG2160343-2

Dep.: GCMS
Inst: Juliet
Date: **06/14/25**
Run: **ICAL**

Method
GC: ABNFAST1

Seq: **WG2079414**
ICAL: 22379

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
100	Tune 1	Tune 1 Lot#11649				
1	ABNL10	IL1,32,,ABNL200 Lot# 11615				
2	ABNL9	IL2,32,,ABNL150 Lot# 11616				
3	ABNL8	IL3,32,,ABNL100 Lot# 11617				
4	ABNL7	IL4,32,,ABNL50 Lot# 11618				
5	ABNL6	IL5,32,,ABNL25 Lot# 11619				
6	ABNL5	IL6,32,,ABNL10 Lot# 11620				
7	ABNL4	IL7,32,,ABNL5 Lot# 11621				
8	ABNL3	IL8,32,,ABNL3 Lot# 11622				
9	ABNL2	IL9,32,,ABNL2 Lot# 11623				
10	ABNL1	IL10,32,,ABNL1 Lot# 11624				
11	AP9L10	IL11,32,,AP9L200 Lot# 11625				
12	AP9L9	IL12,32,,AP9L150 Lot# 11626				
13	AP9L8	IL13,32,,AP9L100 Lot# 11627				
14	AP9L7	IL14,32,,AP9L50 Lot# 11628				
15	AP9L6	IL15,32,,AP9L25 Lot# 11629				
16	AP9L5	IL16,32,,AP9L10 Lot# 11630				
17	AP9L4	IL17,32,,AP9L5 Lot# 11631				
18	AP9L3	IL18,32,,AP9L3 Lot# 11632				
19	AP9L2	IL19,32,,AP9L2 Lot# 11633				
20	AP9L1	IL20,32,,AP9L1 Lot# 11634				
21	ABNICV	CQICV1,32,,ABNICV Lot# 11609				
22	AP9ICV	CQICV2,32,,AP9ICV Lot# 11303				
100	Tune 2	Tune 2 Lot#11649				
23	ADPL10	IL21,32,,ADPL200 Lot# 11635				
24	ADPL9	IL22,32,,ADPL150 Lot# 11636				
25	ADPL8	IL23,32,,ADPL100 Lot# 11637				
26	ADPL7	IL24,32,,ADPL50 Lot# 11638				
27	ADPL6	IL25,32,,ADPL25 Lot# 11639				
28	ADPL5	IL26,32,,ADPL10 Lot# 11640				
29	ADPL4	IL27,32,,ADPL5 Lot# 11641				
30	ADPL3	IL28,32,,ADPL3 Lot# 11642				
31	ADPL2	IL29,32,,ADPL2 Lot# 11643				
32	ADPL1	IL30,32,,ADPL1 Lot# 11644				
33	ADPICV	CQICV3,32,,ADPICV Lot# 11337				
34	Blank01	Instrument Blank			**gmr**	
100	Tune 3	Tune 1 Lot#11649				
1	ABNICVa	CQICV1,32,,ABNICV Lot# 11653				
2	Blank02	Instrument Blank			**mrg**	

Dep.: GCMS
Inst: GCMS5
Date: **07/31/25**
Run: **ICAL**

Method
GC: ABN_RUN

Seq: **WG2098562**
ICAL: 22516

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
100	Tune1	Tune 1 Lot # 11649				
1	ABNL10	IL1,32,,ABNL200 Lot# 11716	**Full List**			
2	ABNL9	IL2,32,,ABNL150 Lot# 11717				
3	ABNL8	IL3,32,,ABNL100 Lot# 11718				
4	ABNL7	IL4,32,,ABNL50 Lot# 11719				
5	ABNL6	IL5,32,,ABNL25 Lot# 11720				
6	ABNL5	IL6,32,,ABNL10 Lot# 11721				
7	ABNL4	IL7,32,,ABNL5 Lot# 11722				
8	ABNL3	IL8,32,,ABNL3 Lot# 11723				
9	ABNL2	IL9,32,,ABNL2 Lot# 11724				
10	ABNL1	IL10,32,,ABNL1 Lot# 11725				
11	AP9L10	IL11,32,,AP9L200 Lot# 11757				
12	AP9L9	IL12,32,,AP9L150 Lot# 11758				
13	AP9L8	IL13,32,,AP9L100 Lot# 11759				
14	AP9L7	IL14,32,,AP9L50 Lot# 11760				
15	AP9L6	IL15,32,,AP9L25 Lot# 11761				
16	AP9L5	IL16,32,,AP9L10 Lot# 11762				
17	AP9L4	IL17,32,,AP9L5 Lot# 11763				
18	AP9L3	IL18,32,,AP9L3 Lot# 11764				
19	AP9L2	IL19,32,,AP9L2 Lot# 11765				
20	AP9L1	IL20,32,,AP9L1 Lot# 11766				
21	ABNICV	CQICV1,32,,ABN ICV Lot # 11653				
22	AP9ICV	CQICV2,32,,AP9 ICV Lot # 11303				
100	Tune2	Tune 2 Lot # 11649				
23	ADPL10	IL21,32,,ADPL200 Lot# 11736				
24	ADPL9	IL22,32,,ADPL150 Lot# 11737				
25	ADPL8	IL23,32,,ADPL100 Lot# 11738				
26	ADPL7	IL24,32,,ADPL50 Lot# 11739				
27	ADPL6	IL25,32,,ADPL25 Lot# 11740				
28	ADPL5	IL26,32,,ADPL10 Lot# 11741				
29	ADPL4	IL27,32,,ADPL5 Lot# 11742				
30	ADPL3	IL28,32,,ADPL3 Lot# 11743				
31	ADPL2	IL29,32,,ADPL2 Lot# 11744				
32	ADPL1	IL30,32,,ADPL1 Lot# 11745				
33	ADPICV	CQICV3,32,,ADP ICV Lot # 11337				
34	Blank1	Instrument Blank				

Dep.: GCMS
Inst: SV134
Date: **08/29/25**
Run: **ICAL**

Method
GC: **ABNFAST**

Seq: **WG2110324**
ICAL: 22604

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
48	Tune1	Tune Lot#11857				
1	ABNL10	IL1,32,,ABNL200 Lot# 11933				
2	ABNL9	IL2,32,,ABNL150 Lot# 11934				
3	ABNL8	IL3,32,,ABNL100 Lot# 11935				
4	ABNL7	IL4,32,,ABNL50 Lot# 11936				
5	ABNL6	IL5,32,,ABNL25 Lot# 11937				
6	ABNL5	IL6,32,,ABNL10 Lot# 11938				
7	ABNL4	IL7,32,,ABNL5 Lot# 11939				
8	ABNL3	IL8,32,,ABNL3 Lot# 11940				
9	ABNL2	IL9,32,,ABNL2 Lot# 11941				
10	ABNL1	IL10,32,,ABNL1 Lot# 11942				
11	AP9L10	IL11,32,,AP9L200 Lot# 11943				
12	AP9L9	IL12,32,,AP9L150 Lot# 11944				
13	AP9L8	IL13,32,,AP9L100 Lot# 11945				
14	AP9L7	IL14,32,,AP9L50 Lot# 11946				
15	AP9L6	IL15,32,,AP9L25 Lot# 11947				
16	AP9L5	IL16,32,,AP9L10 Lot# 11948				
17	AP9L4	IL17,32,,AP9L5 Lot# 11949				
18	AP9L3	IL18,32,,AP9L3 Lot# 11950				
19	AP9L2	IL19,32,,AP9L2 Lot# 11951				
20	AP9L1	IL20,32,,AP9L1 Lot# 11952				
21	ABNICV	CQICV1,32,,ABNICV Lot# 11653				
22	AP9ICV	CQICV2,32,,AP9ICV Lot# 11810				
48	Tune2	Tune Lot#11857				
23	ADPL10	IL21,32,,ADPL200 Lot# 11953				
24	ADPL9	IL22,32,,ADPL150 Lot# 11954				
25	ADPL8	IL23,32,,ADPL100 Lot# 11955				
26	ADPL7	IL24,32,,ADPL50 Lot# 11956				
27	ADPL6	IL25,32,,ADPL25 Lot# 11957				
28	ADPL5	IL26,32,,ADPL10 Lot# 11958				
29	ADPL4	IL27,32,,ADPL5 Lot# 11959				
30	ADPL3	IL28,32,,ADPL3 Lot# 11960				
31	ADPL2	IL29,32,,ADPL2 Lot# 11961				
32	ADPL1	IL30,32,,ADPL0.5 Lot# 11962				
33	ADPICV	CQICV3,32,,ADPICV Lot# 11811				
34	BLK	FS Blank			**gmr**	
48	Tune3	Tune Lot#11857				
1	AP9L10a	IL20,32,,AP9L1 Lot# 11976				
2	AP9L9a	IL19,32,,AP9L2 Lot# 11975				
3	AP9L8a	IL18,32,,AP9L3 Lot# 11974				
4	AP9L7a	IL17,32,,AP9L5 Lot# 11973				
5	AP9L6a	IL16,32,,AP9L10 Lot# 11972				
6	AP9L5a	IL15,32,,AP9L25 Lot# 11971				
7	AP9L4a	IL14,32,,AP9L50 Lot# 11970				
8	AP9L3a	IL13,32,,AP9L100 Lot# 11969				

Dep.: GCMS
Inst: SV134
Date: **08/29/25**
Run: **ICAL**

Method
GC: **ABNFAST**

Seq: **WG2110324**
ICAL: 22604

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
9	AP9L2a	IL12,32,,AP9L150 Lot# 11968				
10	AP9L1a	IL11,32,,AP9L200 Lot# 11651				
11	AP9ICVa	CQICV2,32,,AP9ICV Lot# 11810				
12	BLK2	FS Blank			**mrg**	
					sv-hny	

Dep.: GCMS
Inst: SV103
Date: **11/19/25**
Run: **ical**

Method
GC: ABN-SV103

Seq: **WG2143949**
ICAL: 22827

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
141	Tune1	Tune1 Lot#12020				
1	ABNL10	IL1,32,,ABNL200 Lot# 12093	RV, No IS			
2	ABNL9	IL2,32,,ABNL150Lot#12094	RV, No IS			
3	ABNL8	IL3,32,,ABNL100 Lot# 12095	RV, No IS			
4	ABNL7	IL4,32,,ABNL50 Lot# 12096	RV, No IS			
5	ABNL6	IL5,32,,ABNL25 Lot# 12097	RV, No IS			
6	ABNL5	IL6,32,,ABNL10 Lot# 12098	RV, No IS			
7	ABNL4	IL7,32,,ABNL5 Lot# 12099	RV, No IS			
8	ABNL3	IL8,32,,ABNL3 Lot# 12100	RV, No IS			
9	ABNL2	IL9,32,,ABNL2 Lot# 12101	RV, No IS			
10	ABNL1	IL10,32,,ABNL1 Lot# 12102	RV, No IS			
11	AP9L10	IL11,32,,AP9L200 Lot# 12103				
12	AP9L9	IL12,32,,AP9L150 Lot# 12104				
13	AP9L8	IL13,32,,AP9L100 Lot# 12105				
14	AP9L7	IL14,32,,AP9L50 Lot# 12106				
15	AP9L6	IL15,32,,AP9L25 Lot# 12107				
16	AP9L5	IL16,32,,AP9L10 Lot# 12108				
17	AP9L4	IL17,32,,AP9L5 Lot# 12109				
18	AP9L3	IL18,32,,AP9L3 Lot# 12110				
19	AP9L2	IL19,32,,AP9L2 Lot# 12111				
20	AP9L1	IL20,32,,AP9L1 Lot# 12112				
21	ABNICV	CQICV1,32,,ABNICV Lot# 12049				
22	AP9ICV	CQICV2,32,,AP9ICV Lot# 12055				
141	Tune2	Tune2 Lot#12020				
23	ADPL10	IL21,32,,ADPL200 Lot# 12113				
24	ADPL9	IL22,32,,ADPL150 Lot# 12114				
25	ADPL8	IL23,32,,ADPL100 Lot# 12115				
26	ADPL7	IL24,32,,ADPL50 Lot# 12116				
27	ADPL6	IL25,32,,ADPL25 Lot# 12117				
28	ADPL5	IL26,32,,ADPL10 Lot# 12118				
29	ADPL4	IL27,32,,ADPL5 Lot# 12119				
30	ADPL3	IL28,32,,ADPL3 Lot# 12120				
31	ADPL2	IL29,32,,ADPL2 Lot# 12121				
32	ADPL1	IL30,32,,ADPL0.5 Lot# 12122				
33	ADPICV	CQICV3,32,,ADPICV Lot# 12056				
34	Blank	Instrument Blank				
141	Tune3	Tune2 Lot#12051				
1	ABNL10a	IL1,32,,ABNL200 Lot# 12058				
2	ABNL9a	IL2,32,,ABNL150 Lot# 12127				
3	ABNL8a	IL3,32,,ABNL100 Lot# 12128				
4	ABNL7a	IL4,32,,ABNL50 Lot# 12129				
5	ABNL6a	IL5,32,,ABNL25 Lot# 12130				
6	ABNL5a	IL6,32,,ABNL10 Lot# 12131				
7	ABNL4a	IL7,32,,ABNL5 Lot# 12132				
8	ABNL3a	IL8,32,,ABNL3 Lot# 12133				

Dep.: GCMS
Inst: SV103
Date: **11/19/25**
Run: **ical**

Method
GC: ABN-SV103

Seq: **WG2143949**
ICAL: 22827

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
9	ABNL2a	IL9,32,,ABNL2 Lot# 12134				
10	ABNL1a	IL10,32,,ABNL1 Lot# 12135				
11	ABNICVa	CQICV1,32,,ABNICV Lot# 12049				
12	Blanka	Instrument Blank			**mrg**	

Dep.: GCMS
Inst: **MORK**
Date: **12/09/25**
Run: **ical**

Method
GC: ABN_RUN

Seq: **WG**
ICAL:

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	initials
100	Tune1	Tune Lot# 12051				
1	ABNL10	IL1,32,,ABNL200 Lot# 12058				
2	ABNL9	IL2,32,,ABNL150 Lot# 12127				
3	ABNL8	IL3,32,,ABNL100 Lot# 12128				
4	ABNL7	IL4,32,,ABNL50 Lot# 12129				
5	ABNL6	IL5,32,,ABNL25 Lot# 12130				
6	ABNL5	IL6,32,,ABNL10 Lot# 12131				
7	ABNL4	IL7,32,,ABNL5 Lot# 12132				
8	ABNL3	IL8,32,,ABNL3 Lot# 12133				
9	ABNL2	IL9,32,,ABNL2 Lot# 12134				
10	ABNL1	IL10,32,,ABNL1 Lot# 12135				
11	AP9L10	IL11,32,,AP9L200 Lot# 12103				
12	AP9L9	IL12,32,,AP9L150 Lot# 12104				
13	AP9L8	IL13,32,,AP9L100 Lot# 12105				
14	AP9L7	IL14,32,,AP9L50 Lot# 12106				
15	AP9L6	IL15,32,,AP9L25 Lot# 12107				
16	AP9L5	IL16,32,,AP9L10 Lot# 12108				
17	AP9L4	IL17,32,,AP9L5 Lot# 12109				
18	AP9L3	IL18,32,,AP9L3 Lot# 12110				
19	AP9L2	IL19,32,,AP9L2 Lot# 12111				
20	AP9L1	IL20,32,,AP9L1 Lot# 12112				
21	ABNICV	CQICV1,32,,ABNICV Lot# 12049				
22	AP9ICV	CQICV2,32,,AP9ICV Lot# 12055				
100	Tune2	Tune Lot#12051				
23	ADPL10	IL21,32,,ADPL200 Lot# 12113				
24	ADPL9	IL22,32,,ADPL150 Lot# 12114				
25	ADPL8	IL23,32,,ADPL100 Lot# 12115				
26	ADPL7	IL24,32,,ADPL50 Lot# 12116				
27	ADPL6	IL25,32,,ADPL25 Lot# 12117				
28	ADPL5	IL26,32,,ADPL10 Lot# 12118				
29	ADPL4	IL27,32,,ADPL5 Lot# 12119				
30	ADPL3	IL28,32,,ADPL3 Lot# 12120				
31	ADPL2	IL29,32,,ADPL2 Lot# 12121				
32	ADPL1	IL30,32,,ADPL0.5 Lot# 12122				
33	ADPICV	CQICV3,32,,ADPICV Lot# 12056				
34	BLK	Instrument Blank			**mrg**	
					sv-gmr	

Dep.: GCMS
Inst: Juliet
Date: **12/27/25**
Run:

Method
GC: ABNFAST1

Seq: **WG2159109**
ICAL: 22379

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
100	DEG1227	wg-1,32,,Degdftpp Lot # 12172				12/27jg
96	ABN1227	wg-3,32,,ABN 12168 gmr1209C	**Passing full list – hccpd low**			12/27jg
97	AP91227	wg-4,32,,AP9 12055 smc1223A				12/27jg
98	ADP1227	wg-5,32,,ADP 12023 gmr1209C				12/27jg
1	158968-1	WG2158968-1,32,,gmr				12/27jg
2	158968-2	WG2158968-2,32,,gmr				12/27jg
3	158968-3	WG2158968-3,32,,gmr				12/27jg
4	158852-1	WG2158852-1,32,,gmr				smz 12/29
5	158852-2	WG2158852-2,32,,gmr				smz 12/29
6	158852-3	WG2158852-3,32,,gmr				smz 12/29
7	81757-01	L2581757-01,32,,R3C,gmr				12/27jg
8	158968-4	WG2158968-4,32,,gmr				12/27jg
9	158968-5	WG2158968-5,32,,gmr				12/27jg
10	159040-2	WG2159040-2,32,,gmr				smz 12/29
11	159040-3	WG2159040-3,32,,gmr				smz 12/29
12	159040-1	WG2159040-1,32,,gmr				smz 12/29
13	80548-01	L2580548-01,32,,R2F,gmr				smz 12/29
14	80548-03	L2580548-03,32,,R2F,gmr				smz 12/29
15	80548-05	L2580548-05,32,,R2F,gmr				smz 12/29
16	81126-02	L2581126-02,32,,R3E,gmr				smz 12/29
17	81284-01	L2581284-01,32,,R3E,gmr				smz 12/29
18	81284-02	L2581284-02,32,,R3E,gmr				smz 12/29
19	81284-03	L2581284-03,32,,R3E,gmr				smz 12/29
20	81284-04	L2581284-04,32,,R3E,gmr				smz 12/29
21	80448-01	L2580448-01,32,,gmr				smz 12/29
22	80448-02	L2580448-02,32,,gmr				smz 12/29
23	79446-11	L2579446-11,32,,gmr				smz 12/29
24	79635-01	L2579635-01,32,,gmr				smz 12/29
25	79710-01	L2579710-01,32,,gmr			**gmr**	smz 12/29
					sv-smc	

Dep.: GCMS
Inst: SV134
Date: **12/29/25**
Run:

Method
GC: **ABNFAST**

Seq: **WG2159560**
ICAL: 22604

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
47	DEG1229	wg-1,32,,SV134 Degdftpp Lot # 12172				cmm 12/30
48	ABN1229	wg-3,32,,ABN 12168 smc1229C	**Full List: Some Outages**			cmm 12/30
49	AP91229	wg-4,32,,AP9 12053 smc1229C				cmm 12/30
48	ADP1229	wg-5,32,,ADP 120223 smc1229A	wrong vial #			
1	FSBlank	FSBlank				
50	ADP1229a	wg-5,32,,ADP 120223 smc1229A	correct vial #			cmm 12/30
1	FSBlanka	FSBlank	rrun			
2	81641-14	L2581641-14,32,,R3E,smc	10x MIS	cmm		
3	81641-11	L2581641-11,32,,R3E,smc				cmm 12/30
4	79774-01	L2579774-01,32,,smc	5x OC PAHs	cmm		cmm 12/30
5	79774-02	L2579774-02,32,,smc				cmm 12/30
6	80048-01	L2580048-01,32,,smc				12/31jg
7	79915-08	L2579915-08,32,,smc				12/31jg
8	80156-01	L2580156-01,32,,smc				12/31jg
9	80156-02	L2580156-02,32,,smc				12/31jg
10	80156-03	L2580156-03,32,,smc				12/31jg
11	80156-04	L2580156-04,32,,smc				12/31jg
12	80156-05	L2580156-05,32,,smc				12/31jg
13	80156-06	L2580156-06,32,,smc				12/31jg
14	80156-07	L2580156-07,32,,smc				12/31jg
15	80156-08	L2580156-08,32,,smc				12/31jg
16	80049-01	L2580049-01,32,,smc				12/31jg
17	75430-32	L2575430-32,32,,smc				12/31jg
18	75430-31	L2575430-31,32,,smc				12/31jg
19	75430-08	L2575430-08,32,,smc				12/31jg
20	80856-03	L2580856-03,32,,smc				12/31jg
21	80856-02	L2580856-02,32,,smc				12/31jg
22	80856-01	L2580856-01,32,,smc				12/31jg
23	81304-01	L2581304-01,32,,smc				12/31jg
24	82125-08	L2582125-08,32,,smc				12/31jg
25	82125-07	L2582125-07,32,,smc			**smc**	12/31jg
					sv-mrg	

Dep.: GCMS
Inst: GCMS5
Date: **12/29/25**
Run:

Method
GC: ABN_RUN

Seq: **WG2159627**
ICAL: 22516

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
100	DEG1229	wg-1,32,,GCMS5 Degdftpp Lot # 1	**Full List**			smz 12/29
96	ABN1229	wg-3,32,,ABN 12168 gmr1227A				smz 12/29
97	AP91229	wg-4,32,,AP9 12053 gmr1227A				smz 12/29
98	ADP1229	wg-5,32,,ADP 12023 gmr1227A				smz 12/29
1	159317-1	WG2159317-1,32,,smc				cmm 12/30
2	159317-2	WG2159317-2,32,,smc				cmm 12/30
3	159317-3	WG2159317-3,32,,smc				cmm 12/30
4	159340-1	WG2159340-1,32,,smc				cmm 12/30
5	159340-2	WG2159340-2,32,,smc				cmm 12/30
6	159340-3	WG2159340-3,32,,smc				cmm 12/30
7	159274-1	WG2159274-1,32,,smc				12/30jg
8	159274-2	WG2159274-2,32,,smc				12/30jg
9	159274-3	WG2159274-3,32,,smc			**smc**	12/30jg
10	12184Test	ABN Spike 2 Test				
11	763-01d1	L2578763-01d,32,5,smc				cmm 12/30
12	324-01d1	L2580324-01d,32,5,smc				cmm 12/30
13	454-05d1	L2579454-05,32,10,smc	looks like 5x, not 10x, still OC	cmm	**sv-smz**	
14	82230-01	L2582230-01,32,,R3C,smc				cmm 12/30
15	80588-05	L2580588-05,32,,R3E,smc				cmm 12/30
16	159317-4	WG2159317-4,32,,smc				cmm 12/30
17	159317-5	WG2159317-5,32,,smc				cmm 12/30
18	80857-02	L2580857-02,32,,smc	5x/25x	cmm		
19	80857-04	L2580857-04,32,,smc	5x OC PAHs, biphenyl	cmm		
20	80857-05	L2580857-05,32,,smc				12/31 mrg
21	80857-06	L2580857-06,32,,smc	20x/400x	cmm		
22	80857-07	L2580857-07,32,,smc	RR, chrom bad	cmm		
23	80857-08	L2580857-08,32,,smc	10x OC PAHs	cmm	**hny**	
					sv-mrg	

Dep.: GCMS
Inst: **MORK**
Date: **01/02/26**
Run:

Method
GC: ABN_RUN

Seq: **WG2161048**
ICAL: 22888

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	initials
100	DEG0102	wg-1,32,,Mork Degdftpp Lot # 12172				1/2jg
96	ABN0102	wg-3,32,,ABN 12168 gmr1227A	**Full List**			1/2jg
97	AP90102	wg-4,32,,AP9 12053 gmr1227A				1/2jg
98	ADP0102	wg-5,32,,ADP 12023 gmr1227A				1/2jg
1	159880-1	WG2159880-1,32,,gmr				imk 1/5
2	159880-2	WG2159880-2,32,,gmr				imk 1/5
3	159880-3	WG2159880-3,32,,gmr				imk 1/5
4	12191test	ABN Spike 2				
5	138-02d1	L2582138-02d,32,5,gmr				1/2jg
6	319-01d1	L2580319-01d,32,5,gmr				1/2jg
7	492-06d1	L2580492-06d,32,5,gmr	not needed			1/2jg
8	80939-01	L2580939-01,32,,gmr				imk 1/5
9	80939-02	L2580939-02,32,,gmr				imk 1/5
10	80693-01	L2580693-01,32,,gmr			**gmr**	
11	0492-06d	L2580492-06d,32,5,smz				1/2jg
12	80693-03	L2580693-03,32,,gmr				imk 1/5
13	80693-05	L2580693-05,32,,gmr				imk 1/5
14	80693-07	L2580693-07,32,,gmr				imk 1/5
15	80693-09	L2580693-09,32,,gmr				imk 1/5
16	693-11d1	L2580693-11d,32,5,MDV,gmr				imk 1/5
17	693-13d1	L2580693-13d,32,5,MDV,gmr				imk 1/5
18	80693-15	L2580693-15,32,,gmr				imk 1/5
19	80693-17	L2580693-17,32,,gmr				imk 1/5
20	80693-19	L2580693-19,32,,gmr				imk 1/5
21	80693-21	L2580693-21,32,,gmr	low IS	cmm		
22	80693-23	L2580693-23,32,,gmr				imk 1/5
23	80693-25	L2580693-25,32,,gmr	high IS			imk 1/5
24	80856-07	L2580856-07,32,,gmr				imk 1/5
25	80856-06	L2580856-06,32,,gmr				imk 1/5
26	80856-05	L2580856-05,32,,gmr				imk 1/5
27	80856-04	L2580856-04,32,,gmr				imk 1/5
28	81335-01	L2581335-01,32,,gmr				slr 1/6
29	81335-03	L2581335-03,32,,gmr				slr 1/6
30	81335-04	L2581335-04,32,,gmr				slr 1/6
31	81335-05	L2581335-05,32,,gmr			**smz/sv jg**	slr 1/6

Dep.: GCMS
Inst: SV103
Date: **01/03/26**
Run:

Method
GC: ABN-SV103

Seq: **WG2161293**
ICAL: ICAL22827

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	Initials
141	DEG0103	wg-1,32,,SV103 Degdftpp Lot # 12172				cmm 1/4
142	ABN0103	wg-3,32,,ABN 12168 gmr1227A	**Full List: some outages**			cmm 1/4
143	AP90103	wg-4,32,,AP9 12053 gmr1227A				cmm 1/4
144	ADP0103	wg-5,32,,ADP 12023 smc1229A				cmm 1/4
1	160343-1	WG2160343-1,32,,gmr				cmm 1/4
2	160343-2	WG2160343-2,32,,gmr				cmm 1/4
3	160343-3	WG2160343-3,32,,gmr				cmm 1/4
4	157476-1	WG2157476-1,32,,gmr				imk 1/6
5	12191test	ABN Spike 2				
6	157476-2	WG2157476-2,32,,gmr				imk 6/1
7	157476-3	WG2157476-3,32,,gmr				imk 6/1
8	80794-01	L2580794-01,32,,gmr				cmm 1/4
9	80794-02	L2580794-02,32,,gmr				cmm 1/4
10	80794-03	L2580794-03,32,,gmr				cmm 1/4
11	80794-04	L2580794-04,32,,gmr				cmm 1/4
12	80827-03	L2580827-03,32,,gmr				cmm 1/4
13	80827-04	L2580827-04,32,,gmr				cmm 1/4
14	80827-05	L2580827-05,32,,gmr				cmm 1/4
15	80827-06	L2580827-06,32,,gmr				cmm 1/4
16	80827-07	L2580827-07,32,,gmr				cmm 1/4
17	80827-08	L2580827-08,32,,gmr				cmm 1/4
18	80827-09	L2580827-09,32,,gmr				cmm 1/4
19	80852-01	L2580852-01,32,,gmr				cmm 1/4
20	80856-08	L2580856-08,32,,gmr				cmm 1/4
21	80856-09	L2580856-09,32,,gmr				cmm 1/4
22	80856-10	L2580856-10,32,,gmr				cmm 1/4
23	80856-11	L2580856-11,32,,gmr				cmm 1/4
24	80856-12	L2580856-12,32,,gmr				cmm 1/4
25	80901-01	L2580901-01,32,,gmr				cmm 1/4
26	80901-02	L2580901-02,32,,gmr				cmm 1/4
27	80901-03	L2580901-03,32,,gmr				cmm 1/4
28	81974-01	L2581974-01,32,,gmr				cmm 1/4
29	81314-01	L2581314-01,32,,gmr	5x MIS	cmm	**gmr**	
					sv-cmm	

ORGANIC ELN REPORT

Workgroup: WG2160343

Prep Method: EPA 3546
Solvent Type: DCM
Surrogate Type: ABN
Spike Type: ABN
Spike Verify by: CHA
Lims Spikelot: 8270-USAC2
Lot #: EL326
Lot #: 12179ab,06/20/2026,5r,50,7
Lot #: 12169ah,03/31/2026,12170ao,0

Additional Reagents/Stds

Ottawa Sand	25c265201

Conc.Method: Buchi
Solvent Type: DCM
Lot #: EL326

Additional Reagents/Stds

Cleanup 1

Cleanup Method 1:
Cleanup Method 2:
Solvent Type:
Lot #:

Additional Reagents/Stds

Sample/ Type	Extraction								Concentration			
	Extract Date	Analyst	Sample Weight g	Balance Id	Surr Amt ml	Spike Amt ml	Extract Unit Id	Stop Date/Time	Conc Date	Analyst	Final Vol ml	Conc Unit
L2580794-01 SOIL	12/30/25 18:14	Charles Awuah	30.46	60	1		MW9	NA	12/31/25 01:09	Michael Ampaabeng	1	2,3&M
L2580794-02 SOIL	12/30/25 18:14	Charles Awuah	30.15	60	1		MW9	NA	12/31/25 01:09	Michael Ampaabeng	1	2,3&M
L2580794-03 SOIL	12/30/25 18:14	Charles Awuah	30.63	60	1		MW9	NA	12/31/25 01:09	Michael Ampaabeng	1	2,3&M
L2580794-04 SOIL	12/30/25 18:14	Charles Awuah	30.16	60	1		MW9	NA	12/31/25 01:09	Michael Ampaabeng	1	2,3&M
L2580827-03 SAMP	12/30/25 18:14	Charles Awuah	30.18	60	1		MW9	NA	12/31/25 01:09	Michael Ampaabeng	1	2,3&M
L2580827-04 SAMP	12/30/25 18:14	Charles Awuah	30.94	60	1		MW9	NA	12/31/25 01:09	Michael Ampaabeng	1	2,3&M

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ORGANIC ELN REPORT

Workgroup: WG2160343

Sample/ Type	Extraction								Concentration			
	Extract Date	Analyst	Sample Weight **g**	Balance Id	Surr Amt **ml**	Spike Amt **ml**	Extract Unit Id	Stop Date/Time	Conc Date	Analyst	Final Vol **ml**	Conc Unit
L2580827-05 SAMP	12/30/25 18:14	Charles Awuah	30.77	60	1		MW9	NA	12/31/25 01:09	Michael Ampaabeng	1	2,3&M
L2580827-06 SAMP	12/30/25 18:14	Charles Awuah	30.25	60	1		MW9	NA	12/31/25 01:09	Michael Ampaabeng	1	2,3&M
L2580827-07 SAMP	12/30/25 18:14	Charles Awuah	30.65	60	1		MW9	NA	12/31/25 01:09	Michael Ampaabeng	1	2,3&M
L2580827-08 SAMP	12/30/25 18:14	Charles Awuah	30.22	60	1		MW9	NA	12/31/25 01:09	Michael Ampaabeng	1	2,3&M
L2580827-09 SAMP	12/30/25 18:14	Charles Awuah	30.69	60	1		MW9	NA	12/31/25 01:09	Michael Ampaabeng	1	2,3&M
L2580852-01 SOIL	12/30/25 18:14	Charles Awuah	30.34	60	1		MW9	NA	12/31/25 01:09	Michael Ampaabeng	1	2,3&M
L2580856-08 SOIL	12/30/25 18:14	Charles Awuah	30.46	60	1		MW9	NA	12/31/25 01:09	Michael Ampaabeng	1	2,3&M
L2580856-09 SOIL	12/30/25 18:14	Charles Awuah	30.84	60	1		MW9	NA	12/31/25 01:09	Michael Ampaabeng	1	2,3&M

ORGANIC ELN REPORT

Workgroup: WG2160343

Sample/ Type	Extraction								Concentration			
	Extract Date	Analyst	Sample Weight **g**	Balance Id	Surr Amt **ml**	Spike Amt **ml**	Extract Unit Id	Stop Date/Time	Conc Date	Analyst	Final Vol **ml**	Conc Unit
L2580856-10 SOIL	12/30/25 18:14	Charles Awuah	30.79	60	1		MW9	NA	12/31/25 01:09	Michael Ampaabeng	1	2,3&M
L2580856-11 SOIL	12/30/25 18:14	Charles Awuah	30.26	60	1		MW9	NA	12/31/25 01:09	Michael Ampaabeng	1	2,3&M
L2580856-12 SOIL	12/30/25 18:14	Charles Awuah	30.49	60	1		MW9	NA	12/31/25 01:09	Michael Ampaabeng	1	2,3&M
L2580901-01 SOIL	12/30/25 18:14	Charles Awuah	30.89	60	1		MW9	NA	12/31/25 01:09	Michael Ampaabeng	1	2,3&M
L2580901-02 SOIL	12/30/25 18:14	Charles Awuah	30.50	60	1		MW9	NA	12/31/25 01:09	Michael Ampaabeng	1	2,3&M
L2580901-03 SOIL	12/30/25 18:14	Charles Awuah	30.78	60	1		MW9	NA	12/31/25 01:09	Michael Ampaabeng	1	2,3&M
WG2160343-1 BLANK	12/30/25 18:14	Charles Awuah	30.57	60	1		MW9	NA	12/31/25 01:09	Michael Ampaabeng	1	2,3&M
WG2160343-2 LCS	12/30/25 18:14	Charles Awuah	30.23	60	1	1	MW9	NA	12/31/25 01:09	Michael Ampaabeng	1	2,3&M

ORGANIC ELN REPORT

Workgroup: WG2160343

Sample/ Type	Extraction								Concentration			
	Extract Date	Analyst	Sample Weight **g**	Balance Id	Surr Amt **ml**	Spike Amt **ml**	Extract Unit Id	Stop Date/Time	Conc Date	Analyst	Final Vol **ml**	Conc Unit
WG2160343-3 LCSD	12/30/25 18:14	Charles Awuah	30.05	60	1	1	MW9	NA	12/31/25 01:09	Michael Ampaabeng	1	2,3&M

Reported: 05-JAN-26 12:38 PM

ORGANIC ELN REPORT

Workgroup: WG2159340

Prep Method: EPA 3546
Solvent Type: DCM
Surrogate Type: ABN
Spike Type: ABN
Spike Verify by: MKL
Lims Spikelot: 8270-USAC2
Lot #: EL326
Lot #: 12179av,06/20/2026,5r,50,7
Lot #: 12169ah,03/31/2026,12170ay,0

Additional Reagents/Stds

Ottawa Sand	25c265201

Conc.Method: Buchi
Solvent Type: DCM
Lot #: EL326

Additional Reagents/Stds

Cleanup 1

Cleanup Method 1:
Cleanup Method 2:
Solvent Type:
Lot #:

Additional Reagents/Stds

Sample/ Type	Extraction								Concentration			
	Extract Date	Analyst	Sample Weight g	Balance Id	Surr Amt ml	Spike Amt ml	Extract Unit Id	Stop Date/Time	Conc Date	Analyst	Final Vol ml	Conc Unit
L2580856-04 SOIL	12/28/25 10:14	Michael Lamb	30.70	63	1		MW9	NA	12/28/25 15:48	Kristina Arsenault	1	3
L2580856-05 SOIL	12/28/25 10:14	Michael Lamb	30.48	63	1		MW9	NA	12/28/25 15:48	Kristina Arsenault	1	3
L2580856-06 SOIL	12/28/25 10:14	Michael Lamb	30.74	63	1		MW9	NA	12/28/25 15:48	Kristina Arsenault	1	3
L2580856-07 SOIL	12/28/25 10:14	Michael Lamb	30.79	63	1		MW9	NA	12/28/25 15:48	Kristina Arsenault	1	3
L2581267-13 SAMP	12/29/25 04:21	Thomas Ellis	30.29	63	1		MW9	NA	12/29/25 10:15	Grace Tran	1	3
L2581267-14 SAMP	12/29/25 04:21	Thomas Ellis	30.71	63	1		MW9	NA	12/29/25 10:15	Grace Tran	1	3
L2581267-15 SAMP	12/29/25 04:21	Thomas Ellis	30.28	63	1		MW9	NA	12/29/25 10:15	Grace Tran	1	3

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ORGANIC ELN REPORT

Workgroup: WG2159340

Sample/ Type	Extraction								Concentration			
	Extract Date	Analyst	Sample Weight **g**	Balance Id	Surr Amt **ml**	Spike Amt **ml**	Extract Unit Id	Stop Date/Time	Conc Date	Analyst	Final Vol **ml**	Conc Unit
L2582042-01 SAMP	12/29/25 04:21	Thomas Ellis	30.61	63	1		MW9	NA	12/29/25 10:15	Grace Tran	1	3
L2582042-02 SAMP	12/29/25 04:21	Thomas Ellis	30.90	63	1		MW9	NA	12/29/25 10:15	Grace Tran	1	3
L2582042-03 SAMP	12/29/25 04:21	Thomas Ellis	30.78	63	1		MW9	NA	12/29/25 10:15	Grace Tran	1	3
L2582042-04 SAMP	12/29/25 04:21	Thomas Ellis	30.23	63	1		MW9	NA	12/29/25 10:15	Grace Tran	1	3
L2582042-06 SAMP	12/29/25 04:21	Thomas Ellis	30.73	63	1		MW9	NA	12/29/25 10:15	Grace Tran	1	3
L2582042-07 SAMP	12/29/25 04:21	Thomas Ellis	30.19	63	1		MW9	NA	12/29/25 10:15	Grace Tran	1	3
L2582042-10 SAMP	12/29/25 04:21	Thomas Ellis	30.38	63	1		MW9	NA	12/29/25 10:15	Grace Tran	1	3
L2582230-01 SOIL	12/28/25 10:14	Michael Lamb	30.40	63	1		MW9	NA	12/28/25 15:49	Kristina Arsenault	1	3
WG2159340-1 BLANK	12/28/25 10:14	Michael Lamb	30.16	63	1		MW9	NA	12/28/25 15:48	Kristina Arsenault	1	3
WG2159340-2 LCS	12/28/25 10:14	Michael Lamb	30.67	63	1	1	MW9	NA	12/28/25 15:48	Kristina Arsenault	1	3

Reported: 05-JAN-26 12:38 PM

ORGANIC ELN REPORT

Workgroup: WG2159340

Sample/ Type	Extraction								Concentration			
	Extract Date	Analyst	Sample Weight **g**	Balance Id	Surr Amt **ml**	Spike Amt **ml**	Extract Unit Id	Stop Date/Time	Conc Date	Analyst	Final Vol **ml**	Conc Unit
WG2159340-3 LCSD	12/28/25 10:14	Michael Lamb	30.40	63	1	1	MW9	NA	12/28/25 15:48	Kristina Arsenault	1	3
WG2159340-4 MS	12/29/25 04:21	Thomas Ellis	30.43	63	1	1	MW9	NA	12/29/25 10:15	Grace Tran	1	3
WG2159340-5 MSD	12/29/25 04:21	Thomas Ellis	30.40	63	1	1	MW9	NA	12/29/25 10:15	Grace Tran	1	3

ORGANIC ELN REPORT

Workgroup: WG2158852

Prep Method: EPA 3546
Solvent Type: DCM
Surrogate Type: ABN
Spike Type: ABN
Spike Verify by: KVG
Lims Spikelot: 8270-USAC2
Lot #: el326
Lot #: 12179ag,06/20/2026,5r,50,7
Lot #: 12169ag,03/31/2026;12170am,(

Additional Reagents/Stds

Ottawa Sand	25c265201

Conc.Method: Buchi
Solvent Type: DCM
Lot #: EL326

Additional Reagents/Stds

Cleanup 1

Cleanup Method 1:
Cleanup Method 2:
Solvent Type:
Lot #:

Additional Reagents/Stds

Sample/ Type	Extraction								Concentration			
	Extract Date	Analyst	Sample Weight g	Balance Id	Surr Amt ml	Spike Amt ml	Extract Unit Id	Stop Date/Time	Conc Date	Analyst	Final Vol ml	Conc Unit
L2579446-11 SOIL	12/26/25 13:28	Kellsey Geikie	30.90	60	1		MW8	NA	12/27/25 00:33	Shaylee Amidon	1	2
L2579635-01 SAMP	12/26/25 13:28	Kellsey Geikie	30.56	60	1		MW8	NA	12/27/25 00:33	Shaylee Amidon	1	2
L2579710-01 SOIL	12/26/25 13:28	Kellsey Geikie	30.62	60	1		MW8	NA	12/27/25 00:33	Shaylee Amidon	1	2
L2580049-01 SOIL	12/27/25 10:43	Michael Lamb	30.64	63	1		MW9	NA	12/27/25 18:55	Katherine Gately	1	M
L2580594-01 SOIL	12/26/25 13:28	Kellsey Geikie	30.06	60	1		MW8	NA	12/27/25 00:33	Shaylee Amidon	1	2
L2580856-01 SOIL	12/27/25 10:43	Michael Lamb	30.11	63	1		MW9	NA	12/27/25 18:55	Katherine Gately	1	M
L2580856-02 SOIL	12/27/25 10:43	Michael Lamb	30.46	63	1		MW9	NA	12/27/25 18:55	Katherine Gately	1	M

Reported: 04-FEB-26 02:00 PM

ORGANIC ELN REPORT

Workgroup: WG2158852

Sample/ Type	Extraction								Concentration			
	Extract Date	Analyst	Sample Weight **g**	Balance Id	Surr Amt **ml**	Spike Amt **ml**	Extract Unit Id	Stop Date/Time	Conc Date	Analyst	Final Vol **ml**	Conc Unit
L2580856-03 SOIL	12/27/25 10:43	Michael Lamb	30.49	63	1		MW9	NA	12/27/25 18:55	Katherine Gately	1	M
L2581284-01 SOIL	12/26/25 23:54	Chris Suslowicz	30.66	63	1		MW9	NA	12/27/25 05:36	Shaylee Amidon	1	K/3
L2581284-02 SOIL	12/26/25 23:54	Chris Suslowicz	30.26	63	1		MW9	NA	12/27/25 05:36	Shaylee Amidon	1	K/3
L2581284-03 SOIL	12/26/25 23:54	Chris Suslowicz	30.19	63	1		MW9	NA	12/27/25 05:36	Shaylee Amidon	1	K/3
L2581284-04 SOIL	12/26/25 23:54	Chris Suslowicz	30.71	63	1		MW9	NA	12/27/25 05:36	Shaylee Amidon	1	K/3
L2581304-01 SAMP	12/27/25 10:43	Michael Lamb	30.32	63	1		MW9	NA	12/27/25 18:55	Katherine Gately	1	M
WG2158852-1 BLANK	12/26/25 13:28	Kellsey Geikie	30.13	60	1		MW8	NA	12/27/25 00:33	Shaylee Amidon	1	2
WG2158852-2 LCS	12/26/25 13:28	Kellsey Geikie	30.67	60	1	1	MW8	NA	12/27/25 00:33	Shaylee Amidon	1	2
WG2158852-3 LCSD	12/26/25 13:28	Kellsey Geikie	30.30	60	1	1	MW8	NA	12/27/25 00:33	Shaylee Amidon	1	2

Wet Chemistry

Total Solids / Percent Moisture Analysis

Results

Form 1
WETCHEM

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-01	Date Collected	: 12/15/25 13:00
Client ID	: AREA01-SW-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/30/25 02:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: JMN
Lab File ID	: WG2159902.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 75
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	74.5	0.100	NA	

Form 1
WETCHEM

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-02	Date Collected	: 12/15/25 13:10
Client ID	: AREA01-BOTTOM-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/30/25 02:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: JMN
Lab File ID	: WG2159902.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 75
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	74.8	0.100	NA	

Form 1
WETCHEM

Client	:	Inventum Engineering	Lab Number	:	L2580856
Project Name	:	SOUTH BUFFALO DEVELOPMENT	Project Number	:	AREA E EXCAVATION
Lab ID	:	L2580856-03	Date Collected	:	12/15/25 14:00
Client ID	:	AREA02-NW-12152025	Date Received	:	12/18/25
Sample Location	:	140 LEE STREET, BUFFALO	Date Analyzed	:	12/30/25 02:46
Sample Matrix	:	SOIL	Dilution Factor	:	1
Analytical Method	:	121,2540G	Analyst	:	JMN
Lab File ID	:	WG2159902.pdf	Instrument ID	:	BALANCE#53
Sample Amount	:		%Solids	:	78
Digestion Method	:		Date Digested	:	

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	78.2	0.100	NA	

Form 1
WETCHEM

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-04	Date Collected	: 12/16/25 12:00
Client ID	: AREA03-SW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/30/25 02:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: JMN
Lab File ID	: WG2159902.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 71
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	71.1	0.100	NA	

Form 1
WETCHEM

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-05	Date Collected	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/30/25 02:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: JMN
Lab File ID	: WG2159902.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 77
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	77.0	0.100	NA	

Form 1
WETCHEM

Client	:	Inventum Engineering	Lab Number	:	L2580856
Project Name	:	SOUTH BUFFALO DEVELOPMENT	Project Number	:	AREA E EXCAVATION
Lab ID	:	L2580856-06	Date Collected	:	12/16/25 13:00
Client ID	:	AREA03-EW-12162025	Date Received	:	12/18/25
Sample Location	:	140 LEE STREET, BUFFALO	Date Analyzed	:	12/30/25 02:46
Sample Matrix	:	SOIL	Dilution Factor	:	1
Analytical Method	:	121,2540G	Analyst	:	JMN
Lab File ID	:	WG2159902.pdf	Instrument ID	:	BALANCE#53
Sample Amount	:		%Solids	:	77
Digestion Method	:		Date Digested	:	

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	77.0	0.100	NA	

Form 1
WETCHEM

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-07	Date Collected	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/30/25 02:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: JMN
Lab File ID	: WG2159902.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 75
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	74.9	0.100	NA	

Form 1
WETCHEM

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-08	Date Collected	: 12/18/25 10:00
Client ID	: AREA04-BOTTOM-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/30/25 02:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: JMN
Lab File ID	: WG2159902.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 74
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	73.7	0.100	NA	

Form 1
WETCHEM

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-09	Date Collected	: 12/18/25 11:00
Client ID	: AREA04-SW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/30/25 02:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: JMN
Lab File ID	: WG2159902.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 74
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	74.4	0.100	NA	

Form 1
WETCHEM

Client	:	Inventum Engineering	Lab Number	:	L2580856
Project Name	:	SOUTH BUFFALO DEVELOPMENT	Project Number	:	AREA E EXCAVATION
Lab ID	:	L2580856-10	Date Collected	:	12/18/25 11:25
Client ID	:	AREA04-WW-12182025	Date Received	:	12/18/25
Sample Location	:	140 LEE STREET, BUFFALO	Date Analyzed	:	12/30/25 02:46
Sample Matrix	:	SOIL	Dilution Factor	:	1
Analytical Method	:	121,2540G	Analyst	:	JMN
Lab File ID	:	WG2159902.pdf	Instrument ID	:	BALANCE#53
Sample Amount	:		%Solids	:	81
Digestion Method	:		Date Digested	:	

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	81.3	0.100	NA	

Form 1
WETCHEM

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-11	Date Collected	: 12/18/25 13:00
Client ID	: NW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/30/25 02:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: JMN
Lab File ID	: WG2159902.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 79
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	79.2	0.100	NA	

Form 1
WETCHEM

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-12	Date Collected	: 12/18/25 13:10
Client ID	: WW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/30/25 02:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: JMN
Lab File ID	: WG2159902.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 76
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	76.1	0.100	NA	

Form 1
WETCHEM

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159902-1	Date Collected	: 12/15/25 13:00
Client ID	: AREA01-SW-12152025DUP	Date Received	: 12/18/25
Sample Location	:	Date Analyzed	: 12/30/25 02:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: JMN
Lab File ID	: WG2159902.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 75
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	75.0	0.100	NA	

Sample Raw Data

Wet Chemistry Gravimetric ELN

Printed: DEC-30-25 09:03:19

WorkGroup WG2159902
Title Solids, Total
Method SM2540G
Instrumen BALANCE#53

Temp In (C)	103	**Temp In (C)**		**Temp In (C)**		**Temp In (C)**	
Temp Out (C)	103	**Temp Out (C)**		**Temp Out (C)**		**Temp Out (C)**	
Time In	30-DEC-25 03:14	**Time In**		**Time In**		**Time In**	
Time Out	30-DEC-25 08:14	**Time Out**		**Time Out**		**Time Out**	
Location	OVEN11-X	**Location**		**Location**		**Location**	

Sample #	Analysis Date	Analyst	Tare Weight (gm)	Gross Weight (gm)	Net Weight (1) (gm)	Net Weight (2) (gm)	Net Weight (3) (gm)	Net Weight (4) (gm)	Result %	Comment
L2580856-01	30-DEC-25 02:46	JAMES NASON	1.18	11.33	8.74				74.48	
L2580856-02	30-DEC-25 02:46	JAMES NASON	1.19	9.36	7.3				74.79	
L2580856-03	30-DEC-25 02:46	JAMES NASON	1.21	8.93	7.25				78.24	
L2580856-04	30-DEC-25 02:46	JAMES NASON	1.2	8.81	6.61				71.09	
L2580856-05	30-DEC-25 02:46	JAMES NASON	1.2	10.11	8.06				76.99	
L2580856-06	30-DEC-25 02:46	JAMES NASON	1.2	7.32	5.91				76.96	
L2580856-07	30-DEC-25 02:46	JAMES NASON	1.21	9.01	7.05				74.87	
L2580856-08	30-DEC-25 02:46	JAMES NASON	1.2	10.03	7.71				73.73	
L2580856-09	30-DEC-25 02:46	JAMES NASON	1.21	9.57	7.43				74.40	
L2580856-10	30-DEC-25 02:46	JAMES NASON	1.21	10.45	8.72				81.28	
L2580856-11	30-DEC-25 02:46	JAMES NASON	1.2	10.14	8.28				79.19	
L2580856-12	30-DEC-25 02:46	JAMES NASON	1.2	8.9	7.06				76.10	
L2580909-03	30-DEC-25 02:46	JAMES NASON	1.21	11.61	10.48				89.13	
L2580909-04	30-DEC-25 02:46	JAMES NASON	1.2	11.41	10.37				89.81	
L2580909-05	30-DEC-25 02:46	JAMES NASON	1.21	11	10.22				92.03	
L2580926-01	30-DEC-25 02:46	JAMES NASON	1.2	11.29	10.02				87.41	
L2580992-01	30-DEC-25 02:46	JAMES NASON	1.19	11.97	11.49				95.55	
L2580992-02	30-DEC-25 02:46	JAMES NASON	1.2	11.1	10.76				96.57	
L2580992-03	30-DEC-25 02:46	JAMES NASON	1.2	10.83	10.59				97.51	
WG2159902-1	30-DEC-25 02:46	JAMES NASON	1.18	11.98	9.28				75.00	

Quality Control

Form 6
Lab Duplicates

Client	:	**Inventum Engineering**	**Lab Number**	:	**L2580856**
Project Name	:	**SOUTH BUFFALO DEVELOPMENT**	**Project Number**	:	**AREA E EXCAVATION**
Client Sample ID	:	**AREA01-SW-12152025**	**Matrix**	:	**SOLID**
Lab Sample ID	:	**L2580856-01**	**Analysis Date**	:	**12/30/25 02:46**
Dup Sample ID	:	**WG2159902-1**	**DUP Analysis Date**	:	**12/30/25 02:46**

Parameter	Sample Concentration (%)	Duplicate Concentration (%)	RPD	RPD Limit
Solids, Total	74.5	75.0	1	10

Pace Analytical Services

Laboratory Code: 11148

SDG Number: L2600637

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ABNL1 Injected on: 12/09/25 20:40 936
AP9L10 Injected on: 12/09/25 21:00 941
AP9L9 Injected on: 12/09/25 21:20 944
AP9L8 Injected on: 12/09/25 21:40 947
AP9L7 Injected on: 12/09/25 22:00 950
AP9L6 Injected on: 12/09/25 22:20 953
AP9L5 Injected on: 12/09/25 22:40 956
AP9L4 Injected on: 12/09/25 23:00 959
AP9L3 Injected on: 12/09/25 23:20 962
AP9L2 Injected on: 12/09/25 23:40 965
AP9L1 Injected on: 12/10/25 00:00 968
ABN ICV Summary Form Injected on: 12/10/25 00:20 971
ABN ICV Quant Report Injected on: 12/10/25 00:20 974
AP9 ICV Summary Form Injected on: 12/10/25 00:40 1058
AP9 ICV Quant Report Injected on: 12/10/25 00:40 1059
Tune Injected on: 12/10/25 01:00 1076
Deg Injected on: 12/10/25 01:00 1077
Tailing Factor Injected on: 12/10/25 01:00 1078
ADPL10 Injected on: 12/10/25 01:20 1080
ADPL9 Injected on: 12/10/25 01:40 1083
ADPL8 Injected on: 12/10/25 02:00 1086
ADPL7 Injected on: 12/10/25 02:20 1089
ADPL6 Injected on: 12/10/25 02:40 1092
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Project Name: SOUTH BUFFALO DEVELOPMENT
Project Number: AREA E

Lab Number: L2600637
Report Date: 01/12/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2600637-01	AREA05-BOTTOM-01062026	SOIL	AREA E 140 LEE ST	01/06/26 12:00	01/07/26
L2600637-02	AREA05-NW-01062026	SOIL	AREA E 140 LEE ST	01/06/26 13:45	01/07/26
L2600637-03	AREA05-WW-01062026	SOIL	AREA E 140 LEE ST	01/06/26 14:10	01/07/26
L2600637-04	AREA05-SW-01062026	SOIL	AREA E 140 LEE ST	01/06/26 14:15	01/07/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich Report Date: 01/12/26

Title: Technical Director/Representative

DATA PACKAGE GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA,this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: DU Report with 'J' Qualifiers

Data Qualifiers

the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

ND or U - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

TYPICAL INSTRUMENT PARAMETERS

Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 7890 GC/5975C MSD	Columns (length x ID x df):
Trap: Supelco K Trap (VOACARB 3000)	RTX-VMS 20m x 0.18mm x 1um
Concentrator: EST Encon (or equivalent)	RTX-VMS 30m x 0.25mm x 1.4um
Autosampler: EST Centurion (or equivalent)	RTX-502.2 40m x 0.18mm x 1um
Purge time: 11 min	

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)	Column Type: Restek RTX 502.2
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 105 Meters
Concentrator: EST Encon (or equivalent)	df: 3.00 um
Autosampler: EST Centurion (or equivalent)	ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD	Column Type: DB-VRX
Trap: Supelco K Trap (VOACARB 3000)	Column Length: 60 Meters
Concentrator: Tekmar Velocity / EST Encon	df: 1.40 um
Autosampler: Varian Archon / EST Centurion	ID: 0.25 mm
Purge time: 11 min	Desorb: 1 min

Volatile Organics: Dissolved Gas

Instrument: Agilent 7890 (or equivalent) with FID/TCD	
	Column Type: Haysep S Column
	Column Length: 2 Meters packed (100/200 mesh)
Autosampler: LEAP Headspace	Purge time: 0.6 min

Volatile Organics in Air Instruments

Volatile Organics in Air:

Instruments: Agilent 6890 GC / 5975 MSD Shimadzu QP2010-SE / QP2020

Concentrator: Entech 7100A or 7200	Column Type: Restek RTX-1
Autosampler: Entech 7016CA or 7016D	Column Length: 60 Meters
	df: 1.00 um
	ID: 0.25 mm or 0.32 mm

Trap 1: Glass Bead: manufacturer-Entech: 20 cm packing material
Trap 2: Tenax: manufacturer-Entech: 20 cm packing material

Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

Instrument: Agilent 5973N MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.32 um
Column Length: 30 Meters	ID: 0.25 mm

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

Instrument: Agilent 5973 MSD	Injection volume: 1 ul;2 uL LVI
Column Type: Restek RXI-5SILMS	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Pesticides/PCB/Herbicides:

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Petroleum/EPH:

Instrument: Agilent 6890 w/FID / HP 5890 w/ FID	Injection Volume: 1uL
Column: Restek RTX 5	df: 0.25
Column Length: 30 Meters	
ID: 0.32 mm	

Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 1 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8270):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 2 ul
Column Type: ZB-Semivolatiles	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (8270 SIM):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: ZB-5	df: 0.25 um
Column Length: 30 Meters	ID: 0.25 mm

Semivolatile Organics (1,4-Dioxane):

Instrument: Agilent 5973N / 5975 / 5977 MSD	Injection volume: 3 ul
Column Type: RTX-5	df: 0.25um, 0.18 um
Column Length: 30 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (209 Congener):

Instrument: Agilent 5973N / 5975 MSD	Injection volume: 3 ul
Column Type: RTX-5, RTX-PCB	df: 0.25um, 0.18 um
Column Length: 60 Meters	ID: 0.25um, 0.18 mm

Semivolatile Organics (8081):

Instrument: Agilent 6890 / 7890	Injection volume: 1 ul
Column Type: RTX-5 / RTX-CLP II	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Semivolatile Organics (8082):

Instrument: Agilent 6890 w/Dual Micro ECDs	Injection Volume: 1uL
Column A: Restek RTX-CL/STX-CL	df: 0.32
Column B: Restek RTX/STX-CLPPesticide II	df: 0.25
Column Length: 30 Meters	ID: 0.32 mm

Semivolatile Organics (SHC Extractables):

Instrument: Agilent 6890	Injection volume: 1 ul
Column Type: RTX-5	df: 0.25 um
Column Length: 60 Meters	ID: 0.25 mm

Sample Delivery Group Summary

Pace Job Number : L2600637
Received : 07-JAN-2026
Reviewer : Kevin Law

Account Name : Inventum Engineering
Project Number : AREA E
Project Name : SOUTH BUFFALO DEVELOPMENT

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	3.6	

Condition Information

1) All samples on COC received? **YES**

2) Extra samples received? **NO**

3) Are there any sample container discrepancies? **YES**
L2600637-01B (NYTCL-8260-R2) was received in inappropriate container.
L2600637-02B (NYTCL-8260-R2) was received in inappropriate container.
L2600637-03B (NYTCL-8260-R2) was received in inappropriate container.
L2600637-04B (NYTCL-8260-R2) was received in inappropriate container.

4) Are there any discrepancies between COC & sample labels? **NO**

5) Are samples in appropriate containers for requested analysis? **NO**
Please refer to information noted in Question 3 above.

6) Are samples properly preserved for requested analysis? **YES**

7) Are samples within holding time for requested analysis? **YES**

8) All sampling equipment returned? **NA**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client? **NO**

PACE ANALYTICAL SERVICES
LOGIN CHAIN OF CUSTODY REPORT
Jan 12 2026, 04:16 pm

Login Number: L2600637
Account: INVENTUM-ENG Inventum EngineeringProject: AREA E
Received: 07JAN26 Due Date: 12JAN26

Sample #	Client ID	Mat	PR	Collected
L2600637-01	AREA05-BOTTOM-01062026	3	3C	06JAN26 12:00
8260/ 8270 - List built, inlcude TICs ASP-B Package Due Date: 01/12/26				
ASP-B,DISPOSAL,ENVIMPACT-FEE,NYTCL-8260-R2,NYTCL-8270,TS				
L2600637-02	AREA05-NW-01062026	3	3C	06JAN26 13:45
8260/ 8270 - List built, inlcude TICs Package Due Date: 01/12/26				
DISPOSAL,NYTCL-8260-R2,NYTCL-8270,TS				
L2600637-03	AREA05-WW-01062026	3	3C	06JAN26 14:10
8260/ 8270 - List built, inlcude TICs Package Due Date: 01/12/26				
DISPOSAL,NYTCL-8260-R2,NYTCL-8270,TS				
L2600637-04	AREA05-SW-01062026	3	3C	06JAN26 14:15
8260/ 8270 - List built, inlcude TICs Package Due Date: 01/12/26				
DISPOSAL,NYTCL-8260-R2,NYTCL-8270,TS				

Logged By: Kevin Law

Pace ANALYTICAL SERVICES

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Woodcliff Lake, NJ 07677: 123 Tice Blvd, Suite 101
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 1/8/26

Pace Job #: L2600637

Client Information
Client: INVENTUM ENG
Address: 441 Carlisle Dr.
Herndon V.A.
Phone: 716-553-5129
Fax:
Email: Peter.Zaffram@inventum.eng

Project Information
Project Name: SOUTH BUFFALO DEVELOPMENT
Project Location: AREA E 140 LEE ST
Project #: AREA E
(Use Project name as Project #) ☐
Project Manager: Todd Waldrop
PACE Quote #:

Turn-Around Time
Standard ☐ Due Date:
Rush (only if pre approved) ☒ # of Days: 3 Day

These samples have been previously analyzed by Pace ☐

Other project specific requirements/comments:
PLEASE REPORT NYCL PLUS. RUSH

Please specify Metals or TAL.

Deliverables
☐ ASP-A ☒ ASP-B
☐ EQuIS (1 File) ☒ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☒ NY
☐ Other:

ANALYSIS

PACE Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOC 8260 TICs	SVOC 8270 TICs	TS	Sample Filtration	Total Bottle
0637-01	AREA 05-BOTTOM-01062026	1/6/26	1200	SOIL	DZ	X	X	X	☐ Done ☐ Lab to do	
-02	AREA 05-NW-01062026	1/6/26	1345	"	DZ	X	X	X	Preservation ☐ Lab to do	
-03	AREA 05-WW-01062026	1/6/26	1410	"	DZ	X	X	X	(Please Specify below)	
-04	AREA 05-SW-01062026	1/6/26	1415	SOIL	DZ	X	X	X	Sample Specific Comments	

Container Type: A A P
Preservative: A A P

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	1/8/26 1005	Locum 7 Day (PACE)	1/7/26 10:05
Locum 7 Day (PACE)	1/7/26 10:05	Buffalo Secured Center	1/7/26 10:05
Russell Bailey	1-7-26 15:27		1-7 2320
	1-8 0230		01/08/26 02:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY PACE'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 29-Jan-2025)

Organics

GC/MS 8260
Analysis

Volatiles QC Summary

Surrogate Recovery Summary
Form 2
Volatiles

Client: Inventum Engineering
Project Name: SOUTH BUFFALO DEVELOPMENT

Lab Number: L2600637
Project Number: AREA E
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
AREA05-BOTTOM-01062026 (L2600637-01)	119	100	111	108	0
AREA05-NW-01062026 (L2600637-02D2)	85	104	101	90	0
AREA05-NW-01062026 (L2600637-02D)	113	98	109	102	0
AREA05-WW-01062026 (L2600637-03)	116	101	112	106	0
AREA05-SW-01062026 (L2600637-04)	114	101	111	106	0
WG2164110-3LCS	103	102	106	98	0
WG2164110-4LCSD	105	100	105	97	0
WG2164110-5BLANK	107	99	109	101	0
WG2164111-3LCS	103	102	106	98	0
WG2164111-4LCSD	105	100	105	97	0
WG2164111-5BLANK	107	99	109	101	0
WG2164207-3LCS	80	106	112	90	0
WG2164207-4LCSD	79	106	112	89	0
WG2164207-5BLANK	85	103	106	93	0

QC LIMITS

(70-130) DCA = 1,2-DICHLOROETHANE-D4
(70-130) TOL = TOLUENE-D8
(70-130) BFB = 4-BROMOFLUOROBENZENE
(70-130) DBFM = DIBROMOFLUOROMETHANE

*** Values outside of QC limits**

FORM II NYTCL-8260-R2

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2164110-3 **Analysis Date** : 01/09/26 08:30	**File ID**	: V00260109A01
LCSD Sample ID	: WG2164110-4 **Analysis Date** : 01/09/26 08:56	**File ID**	: V00260109A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	40	42	104	40	41	102	2	70-130	30
1,1-Dichloroethane	40	46	116	40	46	114	2	70-130	30
Chloroform	40	44	109	40	44	109	0	70-130	30
Carbon tetrachloride	40	43	106	40	43	107	1	70-130	30
1,2-Dichloropropane	40	46	114	40	46	115	1	70-130	30
Dibromochloromethane	40	42	104	40	41	102	2	70-130	30
1,1,2-Trichloroethane	40	45	111	40	43	108	3	70-130	30
Tetrachloroethene	40	41	101	40	39	97	4	70-130	30
Chlorobenzene	40	43	106	40	41	102	4	70-130	30
Trichlorofluoromethane	40	45	113	40	45	113	0	70-139	30
1,2-Dichloroethane	40	46	114	40	46	115	1	70-130	30
1,1,1-Trichloroethane	40	46	115	40	45	112	3	70-130	30
Bromodichloromethane	40	44	111	40	45	112	1	70-130	30
trans-1,3-Dichloropropene	40	46	115	40	45	112	3	70-130	30
cis-1,3-Dichloropropene	40	45	113	40	46	114	1	70-130	30
Bromoform	40	38	96	40	37	93	3	70-130	30
1,1,2,2-Tetrachloroethane	40	43	107	40	43	107	0	70-130	30
Benzene	40	46	114	40	45	112	2	70-130	30
Toluene	40	44	111	40	42	106	5	70-130	30
Ethylbenzene	40	45	112	40	43	107	5	70-130	30
Chloromethane	40	54	136 Q	40	51	127	7	52-130	30
Bromomethane	40	51	126	40	49	123	2	57-147	30
Vinyl chloride	40	51	127	40	49	124	2	67-130	30
Chloroethane	40	49	122	40	47	118	3	50-151	30
1,1-Dichloroethene	40	44	110	40	43	108	2	65-135	30
trans-1,2-Dichloroethene	40	43	107	40	43	106	1	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2164110-3 **Analysis Date** : 01/09/26 08:30	**File ID**	: V00260109A01
LCSD Sample ID	: WG2164110-4 **Analysis Date** : 01/09/26 08:56	**File ID**	: V00260109A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	40	45	112	40	45	113	1	70-130	30
1,2-Dichlorobenzene	40	42	104	40	40	100	4	70-130	30
1,3-Dichlorobenzene	40	42	105	40	40	99	6	70-130	30
1,4-Dichlorobenzene	40	42	105	40	40	100	5	70-130	30
Methyl tert butyl ether	40	44	109	40	44	110	1	66-130	30
p/m-Xylene	80	88	110	80	85	106	4	70-130	30
o-Xylene	80	86	108	80	84	105	3	70-130	30
cis-1,2-Dichloroethene	40	42	106	40	42	105	1	70-130	30
Styrene	80	88	110	80	86	107	3	70-130	30
Dichlorodifluoromethane	40	44	109	40	42	106	3	30-146	30
Acetone	40	32	80	40	32	80	0	54-140	30
Carbon disulfide	40	42	105	40	41	103	2	59-130	30
2-Butanone	40	48	119	40	50	125	5	70-130	30
4-Methyl-2-pentanone	40	44	110	40	44	110	0	70-130	30
2-Hexanone	40	44	110	40	45	112	2	70-130	30
1,2-Dibromoethane	40	42	105	40	41	104	1	70-130	30
n-Butylbenzene	40	48	121	40	45	112	8	70-130	30
sec-Butylbenzene	40	46	115	40	43	108	6	70-130	30
tert-Butylbenzene	40	44	109	40	41	102	7	70-130	30
1,2-Dibromo-3-chloropropane	40	36	90	40	36	91	1	68-130	30
Isopropylbenzene	40	45	113	40	42	105	7	70-130	30
p-Isopropyltoluene	40	45	112	40	42	105	6	70-130	30
Naphthalene	40	41	101	40	40	99	2	70-130	30
n-Propylbenzene	40	46	115	40	44	109	5	70-130	30
1,2,4-Trichlorobenzene	40	41	102	40	39	97	5	70-130	30
1,3,5-Trimethylbenzene	40	45	111	40	43	106	5	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2164110-3 **Analysis Date** : 01/09/26 08:30	**File ID**	: V00260109A01
LCSD Sample ID	: WG2164110-4 **Analysis Date** : 01/09/26 08:56	**File ID**	: V00260109A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
1,2,4-Trimethylbenzene	40	45	112	40	42	105	6	70-130	30
Methyl Acetate	40	44	110	40	46	116	5	51-146	30
Cyclohexane	40	50	124	40	49	123	1	59-142	30
Freon-113	40	45	112	40	44	109	3	50-139	30
Methyl cyclohexane	40	46	115	40	46	114	1	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2164111-3 **Analysis Date** : 01/09/26 08:30	**File ID**	: V00260109A01
LCSD Sample ID	: WG2164111-4 **Analysis Date** : 01/09/26 08:56	**File ID**	: V00260109A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	2000	2100	104	2000	2000	102	2	70-130	30
1,1-Dichloroethane	2000	2300	116	2000	2300	114	2	70-130	30
Chloroform	2000	2200	109	2000	2200	109	0	70-130	30
Carbon tetrachloride	2000	2100	106	2000	2100	107	1	70-130	30
1,2-Dichloropropane	2000	2300	114	2000	2300	115	1	70-130	30
Dibromochloromethane	2000	2100	104	2000	2100	102	2	70-130	30
1,1,2-Trichloroethane	2000	2200	111	2000	2200	108	3	70-130	30
Tetrachloroethene	2000	2000	101	2000	2000	97	4	70-130	30
Chlorobenzene	2000	2100	106	2000	2100	102	4	70-130	30
Trichlorofluoromethane	2000	2300	113	2000	2300	113	0	70-139	30
1,2-Dichloroethane	2000	2300	114	2000	2300	115	1	70-130	30
1,1,1-Trichloroethane	2000	2300	115	2000	2200	112	3	70-130	30
Bromodichloromethane	2000	2200	111	2000	2200	112	1	70-130	30
trans-1,3-Dichloropropene	2000	2300	115	2000	2200	112	3	70-130	30
cis-1,3-Dichloropropene	2000	2300	113	2000	2300	114	1	70-130	30
Bromoform	2000	1900	96	2000	1900	93	3	70-130	30
1,1,2,2-Tetrachloroethane	2000	2200	107	2000	2100	107	0	70-130	30
Benzene	2000	2300	114	2000	2300	112	2	70-130	30
Toluene	2000	2200	111	2000	2100	106	5	70-130	30
Ethylbenzene	2000	2200	112	2000	2100	107	5	70-130	30
Chloromethane	2000	2700	136 Q	2000	2600	127	7	52-130	30
Bromomethane	2000	2500	126	2000	2500	123	2	57-147	30
Vinyl chloride	2000	2500	127	2000	2500	124	2	67-130	30
Chloroethane	2000	2400	122	2000	2400	118	3	50-151	30
1,1-Dichloroethene	2000	2200	110	2000	2200	108	2	65-135	30
trans-1,2-Dichloroethene	2000	2100	107	2000	2100	106	1	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2164111-3 **Analysis Date** : 01/09/26 08:30	**File ID**	: V00260109A01
LCSD Sample ID	: WG2164111-4 **Analysis Date** : 01/09/26 08:56	**File ID**	: V00260109A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	2000	2300	112	2000	2300	113	1	70-130	30
1,2-Dichlorobenzene	2000	2100	104	2000	2000	100	4	70-130	30
1,3-Dichlorobenzene	2000	2100	105	2000	2000	99	6	70-130	30
1,4-Dichlorobenzene	2000	2100	105	2000	2000	100	5	70-130	30
Methyl tert butyl ether	2000	2200	109	2000	2200	110	1	66-130	30
p/m-Xylene	4000	4400	110	4000	4300	106	4	70-130	30
o-Xylene	4000	4300	108	4000	4200	105	3	70-130	30
cis-1,2-Dichloroethene	2000	2100	106	2000	2100	105	1	70-130	30
Styrene	4000	4400	110	4000	4300	107	3	70-130	30
Dichlorodifluoromethane	2000	2200	109	2000	2100	106	3	30-146	30
Acetone	2000	1600	80	2000	1600	80	0	54-140	30
Carbon disulfide	2000	2100	105	2000	2100	103	2	59-130	30
2-Butanone	2000	2400	119	2000	2500	125	5	70-130	30
4-Methyl-2-pentanone	2000	2200	110	2000	2200	110	0	70-130	30
2-Hexanone	2000	2200	110	2000	2200	112	2	70-130	30
1,2-Dibromoethane	2000	2100	105	2000	2100	104	1	70-130	30
n-Butylbenzene	2000	2400	121	2000	2300	112	8	70-130	30
sec-Butylbenzene	2000	2300	115	2000	2200	108	6	70-130	30
tert-Butylbenzene	2000	2200	109	2000	2100	102	7	70-130	30
1,2-Dibromo-3-chloropropane	2000	1800	90	2000	1800	91	1	68-130	30
Isopropylbenzene	2000	2300	113	2000	2100	105	7	70-130	30
p-Isopropyltoluene	2000	2200	112	2000	2100	105	6	70-130	30
Naphthalene	2000	2000	101	2000	2000	99	2	70-130	30
n-Propylbenzene	2000	2300	115	2000	2200	109	5	70-130	30
1,2,4-Trichlorobenzene	2000	2100	102	2000	1900	97	5	70-130	30
1,3,5-Trimethylbenzene	2000	2200	111	2000	2100	106	5	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2164111-3 **Analysis Date** : 01/09/26 08:30	**File ID**	: V00260109A01
LCSD Sample ID	: WG2164111-4 **Analysis Date** : 01/09/26 08:56	**File ID**	: V00260109A02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
1,2,4-Trimethylbenzene	2000	2200	112	2000	2100	105	6	70-130	30
Methyl Acetate	2000	2200	110	2000	2300	116	5	51-146	30
Cyclohexane	2000	2500	124	2000	2500	123	1	59-142	30
Freon-113	2000	2300	112	2000	2200	109	3	50-139	30
Methyl cyclohexane	2000	2300	115	2000	2300	114	1	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2164207-3 **Analysis Date** : 01/12/26 10:34	**File ID**	: V04260112B01
LCSD Sample ID	: WG2164207-4 **Analysis Date** : 01/12/26 11:00	**File ID**	: V04260112B02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Methylene chloride	2000	2100	104	2000	2000	101	3	70-130	30
1,1-Dichloroethane	2000	2000	100	2000	2000	100	0	70-130	30
Chloroform	2000	2100	106	2000	2100	104	2	70-130	30
Carbon tetrachloride	2000	2000	102	2000	2000	102	0	70-130	30
1,2-Dichloropropane	2000	1900	97	2000	2000	98	1	70-130	30
Dibromochloromethane	2000	2100	104	2000	2100	102	2	70-130	30
1,1,2-Trichloroethane	2000	2200	108	2000	2100	105	3	70-130	30
Tetrachloroethene	2000	2300	116	2000	2300	116	0	70-130	30
Chlorobenzene	2000	2300	115	2000	2300	115	0	70-130	30
Trichlorofluoromethane	2000	2200	108	2000	2100	106	2	70-139	30
1,2-Dichloroethane	2000	1700	87	2000	1700	87	0	70-130	30
1,1,1-Trichloroethane	2000	2100	107	2000	2200	108	1	70-130	30
Bromodichloromethane	2000	2000	102	2000	2100	102	0	70-130	30
trans-1,3-Dichloropropene	2000	2300	116	2000	2300	115	1	70-130	30
cis-1,3-Dichloropropene	2000	2200	110	2000	2200	111	1	70-130	30
Bromoform	2000	2000	102	2000	2000	102	0	70-130	30
1,1,2,2-Tetrachloroethane	2000	2200	110	2000	2200	108	2	70-130	30
Benzene	2000	2200	111	2000	2200	112	1	70-130	30
Toluene	2000	2300	114	2000	2300	113	1	70-130	30
Ethylbenzene	2000	2500	122	2000	2500	122	0	70-130	30
Chloromethane	2000	1800	88	2000	1700	86	2	52-130	30
Bromomethane	2000	2600	128	2000	2500	124	3	57-147	30
Vinyl chloride	2000	1900	96	2000	1900	93	3	67-130	30
Chloroethane	2000	1900	97	2000	1900	93	4	50-151	30
1,1-Dichloroethene	2000	2400	118	2000	2300	115	3	65-135	30
trans-1,2-Dichloroethene	2000	2200	112	2000	2200	111	1	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2164207-3 **Analysis Date** : 01/12/26 10:34	**File ID**	: V04260112B01
LCSD Sample ID	: WG2164207-4 **Analysis Date** : 01/12/26 11:00	**File ID**	: V04260112B02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	2000	2400	119	2000	2400	120	1	70-130	30
1,2-Dichlorobenzene	2000	2200	109	2000	2200	110	1	70-130	30
1,3-Dichlorobenzene	2000	2300	113	2000	2300	113	0	70-130	30
1,4-Dichlorobenzene	2000	2200	109	2000	2200	111	2	70-130	30
Methyl tert butyl ether	2000	2200	108	2000	2100	103	5	66-130	30
p/m-Xylene	4000	4800	120	4000	4800	119	1	70-130	30
o-Xylene	4000	4700	116	4000	4700	117	1	70-130	30
cis-1,2-Dichloroethene	2000	2100	105	2000	2100	105	0	70-130	30
Styrene	4000	4600	114	4000	4600	114	0	70-130	30
Dichlorodifluoromethane	2000	1800	90	2000	1700	86	5	30-146	30
Acetone	2000	870	43 Q	2000	910	45 Q	5	54-140	30
Carbon disulfide	2000	2200	112	2000	2200	110	2	59-130	30
2-Butanone	2000	1600	82	2000	1600	79	4	70-130	30
4-Methyl-2-pentanone	2000	2100	104	2000	2000	97	7	70-130	30
2-Hexanone	2000	1800	89	2000	1700	85	5	70-130	30
1,2-Dibromoethane	2000	2300	117	2000	2300	113	3	70-130	30
n-Butylbenzene	2000	2600	129	2000	2700	134 Q	4	70-130	30
sec-Butylbenzene	2000	2500	124	2000	2600	127	2	70-130	30
tert-Butylbenzene	2000	2300	117	2000	2400	120	3	70-130	30
1,2-Dibromo-3-chloropropane	2000	2100	103	2000	2000	101	2	68-130	30
Isopropylbenzene	2000	2400	122	2000	2500	124	2	70-130	30
p-Isopropyltoluene	2000	2400	119	2000	2400	122	2	70-130	30
Naphthalene	2000	2200	111	2000	2300	113	2	70-130	30
n-Propylbenzene	2000	2600	128	2000	2600	130	2	70-130	30
1,2,4-Trichlorobenzene	2000	2400	120	2000	2400	121	1	70-130	30
1,3,5-Trimethylbenzene	2000	2400	120	2000	2400	122	2	70-130	30

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2164207-3 **Analysis Date** : 01/12/26 10:34	**File ID**	: V04260112B01
LCSD Sample ID	: WG2164207-4 **Analysis Date** : 01/12/26 11:00	**File ID**	: V04260112B02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
1,2,4-Trimethylbenzene	2000	2300	117	2000	2400	118	1	70-130	30
Methyl Acetate	2000	1800	91	2000	1700	85	7	51-146	30
Cyclohexane	2000	2100	102	2000	2100	103	1	59-142	30
Freon-113	2000	2400	121	2000	2400	118	3	50-139	30
Methyl cyclohexane	2000	2400	120	2000	2400	122	2	70-130	30

Method Blank Summary
Form 4
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Lab Sample ID	: WG2164111-5	**Lab File ID**	: V00260109A05
Instrument ID	: VOA100		
Matrix	: SOIL	**Analysis Date**	: 01/09/26 10:14

Client Sample No.	Lab Sample ID	Analysis Date
WG2164111-3LCS	WG2164111-3	01/09/26 08:30
WG2164111-4LCSD	WG2164111-4	01/09/26 08:56
AREA05-NW-01062026	L2600637-02D	01/09/26 18:29

Method Blank Summary
Form 4
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Lab Sample ID	: WG2164110-5	**Lab File ID**	: V00260109A05
Instrument ID	: VOA100		
Matrix	: SOIL	**Analysis Date**	: 01/09/26 10:14

Client Sample No.	Lab Sample ID	Analysis Date
WG2164110-3LCS	WG2164110-3	01/09/26 08:30
WG2164110-4LCSD	WG2164110-4	01/09/26 08:56
AREA05-BOTTOM-01062026	L2600637-01	01/09/26 16:19
AREA05-WW-01062026	L2600637-03	01/09/26 16:45
AREA05-SW-01062026	L2600637-04	01/09/26 17:11

Method Blank Summary
Form 4
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Lab Sample ID	: WG2164207-5	**Lab File ID**	: V04260112B05
Instrument ID	: VOA104		
Matrix	: SOIL	**Analysis Date**	: 01/12/26 12:19

Client Sample No.	Lab Sample ID	Analysis Date
WG2164207-3LCS	WG2164207-3	01/12/26 10:34
WG2164207-4LCSD	WG2164207-4	01/12/26 11:00
AREA05-NW-01062026	L2600637-02D2	01/12/26 13:11

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Instrument ID	: VOA104	**Analysis Date**	: 11/19/25 17:45
Tune Standard	: WG2144251-1	**Tune File ID**	: V04251119BFB6_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	19.2
75	30.0 - 80.0% of mass 95	46.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.3 (.3)1
174	Greater than 50.0% of mass 95	89.3
175	5.0 - 9.0% of mass 174	6.3 (7)1
176	Greater than 95.0% but less than 101% of mass	86.1 (96.4)1
177	5.0 - 9.0% of mass 176	5.7 (6.7)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.5PPB	R2038595-1	V04251119A02	11/19/25 18:33
STD1.0PPB	R2038595-2	V04251119A04	11/19/25 19:25
STD2.0PPB	R2038595-3	V04251119A06	11/19/25 20:18
STD4.0PPB	R2038595-4	V04251119A08	11/19/25 21:10
STD20PPB	R2038595-5	V04251119A09	11/19/25 21:36
STD40PPB	R2038595-7	V04251119A10	11/19/25 22:03
STD100PPB	R2038595-6	V04251119A11	11/19/25 22:29
STD200PPB	R2038595-8	V04251119A12	11/19/25 22:55
STD300PPB	R2038595-9	V04251119A13	11/19/25 23:21
ICV Quant Report	R2038595-10	V04251119A17	11/20/25 01:06

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Instrument ID	: VOA104	**Analysis Date**	: 01/12/26 10:12
Tune Standard	: WG2164207-1	**Tune File ID**	: V04260112BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	16.1
75	30.0 - 80.0% of mass 95	47.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.3
173	Less than 2.0% of mass 174	0.8 (.9)1
174	Greater than 50.0% of mass 95	90.7
175	5.0 - 9.0% of mass 174	6.4 (7.1)1
176	Greater than 95.0% but less than 101% of mass	88.1 (97.1)1
177	5.0 - 9.0% of mass 176	5.9 (6.6)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2164207-2CCAL	WG2164207-2	V04260112B01	01/12/26 10:34
WG2164207-3LCS	WG2164207-3	V04260112B01	01/12/26 10:34
WG2164207-4LCSD	WG2164207-4	V04260112B02	01/12/26 11:00
WG2164207-5BLANK	WG2164207-5	V04260112B05	01/12/26 12:19
AREA05-NW-01062026	L2600637-02D2	V04260112B07	01/12/26 13:11

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Instrument ID	: VOA100	**Analysis Date**	: 12/23/25 14:49
Tune Standard	: WG2158227-1	**Tune File ID**	: V00251223BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance	
50	15.0 - 40.0% of mass 95	19.8	
75	30.0 - 80.0% of mass 95	49.6	
95	Base Peak, 100% relative abundance	100	
96	5.0 - 9.0% of mass 95	6.9	
173	Less than 2.0% of mass 174	0.7	(.8)1
174	Greater than 50.0% of mass 95	88	
175	5.0 - 9.0% of mass 174	6.9	(7.8)1
176	Greater than 95.0% but less than 101% of mass	85	(96.6)1
177	5.0 - 9.0% of mass 176	5.6	(6.6)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD0.5PPB	R2051824-1	V00251223A03	12/23/25 16:03
STD1PPB	R2051824-2	V00251223A05	12/23/25 16:55
STD2PPB	R2051824-3	V00251223A07	12/23/25 17:48
STD4PPB	R2051824-4	V00251223A08	12/23/25 18:14
STD20PPB	R2051824-5	V00251223A09	12/23/25 18:40
STD40PPB	R2051824-6	V00251223A10	12/23/25 19:06
STD100PPB	R2051824-7	V00251223A11	12/23/25 19:32
STD200PPB	R2051824-8	V00251223A12	12/23/25 19:58
STD300PPB	R2051824-10	V00251223A13	12/23/25 20:24
ICV Quant Report	R2051824-9	V00251223A18	12/23/25 22:35

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Instrument ID	: VOA100	**Analysis Date**	: 01/09/26 08:08
Tune Standard	: WG2164110-1	**Tune File ID**	: V00260109BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	24.1
75	30.0 - 80.0% of mass 95	54.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0% of mass 95	79.6
175	5.0 - 9.0% of mass 174	6.1 (7.7)1
176	Greater than 95.0% but less than 101% of mass	77.8 (97.7)1
177	5.0 - 9.0% of mass 176	5.5 (7.1)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2164110-2CCAL	WG2164110-2	V00260109A01	01/09/26 08:30
WG2164110-3LCS	WG2164110-3	V00260109A01	01/09/26 08:30
WG2164110-4LCSD	WG2164110-4	V00260109A02	01/09/26 08:56
WG2164110-5BLANK	WG2164110-5	V00260109A05	01/09/26 10:14
AREA05-BOTTOM-01062026	L2600637-01	V00260109A19	01/09/26 16:19
AREA05-WW-01062026	L2600637-03	V00260109A20	01/09/26 16:45
AREA05-SW-01062026	L2600637-04	V00260109A21	01/09/26 17:11

Instrument Performance Check (Tune) Summary
Form 5
Volatiles
Bromofluorobenzene (BFB)

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Instrument ID	: VOA100	**Analysis Date**	: 01/09/26 08:08
Tune Standard	: WG2164111-1	**Tune File ID**	: V00260109BFB1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
50	15.0 - 40.0% of mass 95	24.1
75	30.0 - 80.0% of mass 95	54.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0 (0)1
174	Greater than 50.0% of mass 95	79.6
175	5.0 - 9.0% of mass 174	6.1 (7.7)1
176	Greater than 95.0% but less than 101% of mass	77.8 (97.7)1
177	5.0 - 9.0% of mass 176	5.5 (7.1)2

1-Value is % of mass 174 2-Value is % of mass 176

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2164111-2CCAL	WG2164111-2	V00260109A01	01/09/26 08:30
WG2164111-3LCS	WG2164111-3	V00260109A01	01/09/26 08:30
WG2164111-4LCSD	WG2164111-4	V00260109A02	01/09/26 08:56
WG2164111-5BLANK	WG2164111-5	V00260109A05	01/09/26 10:14
AREA05-NW-01062026	L2600637-02D	V00260109A24	01/09/26 18:29

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Instrument ID	: VOA100	**Analysis Date**	: 01/09/26 08:30:00
Sample No	: WG2164110-2	**Lab File ID**	: V00260109A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2164110-2	151439	6.23	117500	9.80	67544	12.46
Upper Limit	302878	6.73	235000	10.30	135088	12.96
Lower Limit	75720	5.73	58750	9.30	33772	11.96
Sample ID						
WG2164110-3 LCS	151439	6.23	117500	9.80	67544	12.46
WG2164110-4 LCSD	149949	6.23	122090	9.79	72689	12.46
WG2164110-5 BLANK	138706	6.23	112025	9.79	62585	12.46
AREA05-BOTTOM-01062026	113435	6.23	94420	9.79	50761	12.46
AREA05-WW-01062026	113496	6.23	91514	9.79	48556	12.46
AREA05-SW-01062026	115816	6.23	93976	9.79	50969	12.46

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Instrument ID	: VOA100	**Analysis Date**	: 01/09/26 08:30:00
Sample No	: WG2164111-2	**Lab File ID**	: V00260109A01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2164111-2	151439	6.23	117500	9.80	67544	12.46
Upper Limit	302878	6.73	235000	10.30	135088	12.96
Lower Limit	75720	5.73	58750	9.30	33772	11.96
Sample ID						
WG2164111-3 LCS	151439	6.23	117500	9.80	67544	12.46
WG2164111-4 LCSD	149949	6.23	122090	9.79	72689	12.46
WG2164111-5 BLANK	138706	6.23	112025	9.79	62585	12.46
AREA05-NW-01062026	114543	6.23	95643	9.79	52116	12.46

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Instrument ID	: VOA104	**Analysis Date**	: 01/12/26 10:34:00
Sample No	: WG2164207-2	**Lab File ID**	: V04260112B01

	Fluorobenzene (IS)		Chlorobenzene-d5		1,4-Dichlorobenzene-D4	
	Area	RT	Area	RT	Area	RT
WG2164207-2	342554	5.38	240588	8.84	123411	11.67
Upper Limit	685108	5.88	481176	9.34	246822	12.17
Lower Limit	171277	4.88	120294	8.34	61706	11.17
Sample ID						
WG2164207-3 LCS	342554	5.38	240588	8.84	123411	11.67
WG2164207-4 LCSD	332385	5.38	238544	8.84	120733	11.67
WG2164207-5 BLANK	358820	5.38	263666	8.84	145643	11.67
AREA05-NW-01062026	366285	5.38	259232	8.83	134352	11.67

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Date Created: 04/17/25
Created By: Jason Hebert
File: PM19302-1
Page: 1

Volatile Organics - EPA 8260D (WATER)

Holding Time: 14 days
Container/Sample Preservation: 3 - Vial HCl preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Methylene chloride	75-09-2	3	0.678	ug/l	70-130	20	70-130	20	20			
1,1-Dichloroethane	75-34-3	0.75	0.21	ug/l	70-130	20	70-130	20	20			
Chloroform	67-66-3	0.75	0.222	ug/l	70-130	20	70-130	20	20			
Carbon tetrachloride	56-23-5	0.5	0.134	ug/l	63-132	20	63-132	20	20			
1,2-Dichloropropane	78-87-5	1.75	0.137	ug/l	70-130	20	70-130	20	20			
Dibromochloromethane	124-48-1	0.5	0.149	ug/l	63-130	20	63-130	20	20			
1,1,2-Trichloroethane	79-00-5	0.75	0.144	ug/l	70-130	20	70-130	20	20			
Tetrachloroethene	127-18-4	0.5	0.181	ug/l	70-130	20	70-130	20	20			
Chlorobenzene	108-90-7	0.5	0.178	ug/l	75-130	25	75-130	25	25			
Trichlorofluoromethane	75-69-4	2.5	0.161	ug/l	62-150	20	62-150	20	20			
1,2-Dichloroethane	107-06-2	0.5	0.132	ug/l	70-130	20	70-130	20	20			
1,1,1-Trichloroethane	71-55-6	0.5	0.158	ug/l	67-130	20	67-130	20	20			
Bromodichloromethane	75-27-4	0.5	0.192	ug/l	67-130	20	67-130	20	20			
trans-1,3-Dichloropropene	10061-02-6	0.5	0.164	ug/l	70-130	20	70-130	20	20			
cis-1,3-Dichloropropene	10061-01-5	0.5	0.144	ug/l	70-130	20	70-130	20	20			
1,3-Dichloropropene, Total	542-75-6	0.5	0.144	ug/l				20	20			
1,1-Dichloropropene	563-58-6	2.5	0.24	ug/l	70-130	20	70-130	20	20			
Bromoform	75-25-2	2	0.248	ug/l	54-136	20	54-136	20	20			
1,1,2,2-Tetrachloroethane	79-34-5	0.5	0.167	ug/l	67-130	20	67-130	20	20			
Benzene	71-43-2	0.5	0.159	ug/l	70-130	25	70-130	25	25			
Toluene	108-88-3	0.75	0.203	ug/l	70-130	25	70-130	25	25			
Ethylbenzene	100-41-4	0.5	0.167	ug/l	70-130	20	70-130	20	20			
Chloromethane	74-87-3	2.5	0.2	ug/l	64-130	20	64-130	20	20			
Bromomethane	74-83-9	1	0.256	ug/l	39-139	20	39-139	20	20			
Vinyl chloride	75-01-4	1	0.0714	ug/l	55-140	20	55-140	20	20			
Chloroethane	75-00-3	1	0.134	ug/l	55-138	20	55-138	20	20			
1,1-Dichloroethene	75-35-4	0.5	0.169	ug/l	61-145	25	61-145	25	25			
trans-1,2-Dichloroethene	156-60-5	0.75	0.163	ug/l	70-130	20	70-130	20	20			
1,2-Dichloroethene (total)	540-59-0	0.5	0.163	ug/l				20	20			
Trichloroethene	79-01-6	0.5	0.175	ug/l	70-130	25	70-130	25	25			
1,2-Dichlorobenzene	95-50-1	2.5	0.184	ug/l	70-130	20	70-130	20	20			
1,3-Dichlorobenzene	541-73-1	2.5	0.186	ug/l	70-130	20	70-130	20	20			
1,4-Dichlorobenzene	106-46-7	2.5	0.187	ug/l	70-130	20	70-130	20	20			
Methyl tert butyl ether	1634-04-4	1	0.166	ug/l	63-130	20	63-130	20	20			
p/m-Xylene	179601-23-1	1	0.332	ug/l	70-130	20	70-130	20	20			
o-Xylene	95-47-6	1	0.392	ug/l	70-130	20	70-130	20	20			
Xylene (Total)	1330-20-7	1	0.33	ug/l				20	20			
cis-1,2-Dichloroethene	156-59-2	0.5	0.187	ug/l	70-130	20	70-130	20	20			
Dibromomethane	74-95-3	5	0.363	ug/l	70-130	20	70-130	20	20			
1,4-Dichlorobutane	110-56-5	5	0.464	ug/l	70-130	20	70-130	20	20			
1,2,3-Trichloropropane	96-18-4	5	0.176	ug/l	64-130	20	64-130	20	20			
Styrene	100-42-5	1	0.359	ug/l	70-130	20	70-130	20	20			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Volatile Organics - EPA 8260D (WATER)

Holding Time: 14 days
Container/Sample Preservation: 3 - Vial HCl preserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Dichlorodifluoromethane	75-71-8	5	0.244	ug/l	36-147	20	36-147	20	20			
Acetone	67-64-1	5	1.46	ug/l	58-148	20	58-148	20	20			
Carbon disulfide	75-15-0	5	0.299	ug/l	51-130	20	51-130	20	20			
2-Butanone	78-93-3	5	1.94	ug/l	63-138	20	63-138	20	20			
Vinyl acetate	108-05-4	5	0.311	ug/l	70-130	20	70-130	20	20			
4-Methyl-2-pentanone	108-10-1	5	0.416	ug/l	59-130	20	59-130	20	20			
2-Hexanone	591-78-6	5	0.515	ug/l	57-130	20	57-130	20	20			
Ethyl methacrylate	97-63-2	5	0.606	ug/l	70-130	20	70-130	20	20			
Acrylonitrile	107-13-1	5	0.43	ug/l	70-130	20	70-130	20	20			
Bromochloromethane	74-97-5	2.5	0.152	ug/l	70-130	20	70-130	20	20			
Tetrahydrofuran	109-99-9	5	0.525	ug/l	58-130	20	58-130	20	20			
2,2-Dichloropropane	594-20-7	2.5	0.204	ug/l	63-133	20	63-133	20	20			
1,2-Dibromoethane	106-93-4	2	0.193	ug/l	70-130	20	70-130	20	20			
1,3-Dichloropropane	142-28-9	2.5	0.212	ug/l	70-130	20	70-130	20	20			
1,1,1,2-Tetrachloroethane	630-20-6	0.5	0.164	ug/l	64-130	20	64-130	20	20			
Bromobenzene	108-86-1	2.5	0.152	ug/l	70-130	20	70-130	20	20			
n-Butylbenzene	104-51-8	0.5	0.192	ug/l	53-136	20	53-136	20	20			
sec-Butylbenzene	135-98-8	0.5	0.181	ug/l	70-130	20	70-130	20	20			
tert-Butylbenzene	98-06-6	2.5	0.196	ug/l	70-130	20	70-130	20	20			
o-Chlorotoluene	95-49-8	2.5	0.215	ug/l	70-130	20	70-130	20	20			
p-Chlorotoluene	106-43-4	2.5	0.185	ug/l	70-130	20	70-130	20	20			
1,2-Dibromo-3-chloropropane	96-12-8	2.5	0.353	ug/l	41-144	20	41-144	20	20			
Hexachlorobutadiene	87-68-3	0.5	0.217	ug/l	63-130	20	63-130	20	20			
Isopropylbenzene	98-82-8	0.5	0.187	ug/l	70-130	20	70-130	20	20			
p-Isopropyltoluene	99-87-6	0.5	0.188	ug/l	70-130	20	70-130	20	20			
Naphthalene	91-20-3	2.5	0.216	ug/l	70-130	20	70-130	20	20			
n-Propylbenzene	103-65-1	0.5	0.173	ug/l	69-130	20	69-130	20	20			
1,2,3-Trichlorobenzene	87-61-6	2.5	0.234	ug/l	70-130	20	70-130	20	20			
1,2,4-Trichlorobenzene	120-82-1	2.5	0.22	ug/l	70-130	20	70-130	20	20			
1,3,5-Trimethylbenzene	108-67-8	2.5	0.217	ug/l	64-130	20	64-130	20	20			
1,2,4-Trimethylbenzene	95-63-6	2.5	0.191	ug/l	70-130	20	70-130	20	20			
trans-1,4-Dichloro-2-butene	110-57-6	2.5	0.213	ug/l	70-130	20	70-130	20	20			
Ethyl ether	60-29-7	2.5	0.163	ug/l	59-134	20	59-134	20	20			
1,2-Dichloroethane-d4	*17060-07-0*									*70-130*		
Toluene-d8	*2037-26-5*									*70-130*		
4-Bromofluorobenzene	*460-00-4*									*70-130*		
Dibromofluoromethane	*1868-53-7*									*70-130*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Volatiles Sample Data

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-01	Date Collected	: 01/06/26 12:00
Client ID	: AREA05-BOTTOM-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V00260109A19	Instrument ID	: VOA100
Sample Amount	: 5.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 75
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	6.4	3.0	U
75-34-3	1,1-Dichloroethane	ND	1.3	0.19	U
67-66-3	Chloroform	ND	1.9	0.18	U
56-23-5	Carbon tetrachloride	ND	1.3	0.30	U
78-87-5	1,2-Dichloropropane	ND	1.3	0.16	U
124-48-1	Dibromochloromethane	ND	1.3	0.18	U
79-00-5	1,1,2-Trichloroethane	ND	1.3	0.34	U
127-18-4	Tetrachloroethene	ND	0.64	0.25	U
108-90-7	Chlorobenzene	ND	0.64	0.16	U
75-69-4	Trichlorofluoromethane	ND	5.2	0.90	U
107-06-2	1,2-Dichloroethane	ND	1.3	0.33	U
71-55-6	1,1,1-Trichloroethane	ND	0.64	0.22	U
75-27-4	Bromodichloromethane	ND	0.64	0.14	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	0.35	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.64	0.20	U
75-25-2	Bromoform	ND	5.2	0.32	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.64	0.21	U
71-43-2	Benzene	ND	0.64	0.21	U
108-88-3	Toluene	ND	1.3	0.70	U
100-41-4	Ethylbenzene	ND	1.3	0.18	U
74-87-3	Chloromethane	ND	5.2	1.2	U
74-83-9	Bromomethane	ND	2.6	0.75	U
75-01-4	Vinyl chloride	ND	1.3	0.43	U
75-00-3	Chloroethane	ND	2.6	0.58	U
75-35-4	1,1-Dichloroethene	ND	1.3	0.31	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-01	Date Collected	: 01/06/26 12:00
Client ID	: AREA05-BOTTOM-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V00260109A19	Instrument ID	: VOA100
Sample Amount	: 5.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 75
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.9	0.18	U
79-01-6	Trichloroethene	ND	0.64	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.6	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.6	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.6	0.22	U
1634-04-4	Methyl tert butyl ether	ND	2.6	0.26	U
179601-23-1	p/m-Xylene	ND	2.6	0.72	U
95-47-6	o-Xylene	ND	1.3	0.38	U
156-59-2	cis-1,2-Dichloroethene	ND	1.3	0.22	U
100-42-5	Styrene	ND	1.3	0.25	U
75-71-8	Dichlorodifluoromethane	ND	13	1.2	U
67-64-1	Acetone	ND	13	6.2	U
75-15-0	Carbon disulfide	ND	13	5.9	U
78-93-3	2-Butanone	ND	13	2.9	U
108-10-1	4-Methyl-2-pentanone	ND	13	1.6	U
591-78-6	2-Hexanone	ND	13	1.5	U
106-93-4	1,2-Dibromoethane	ND	1.3	0.36	U
104-51-8	n-Butylbenzene	ND	1.3	0.22	U
135-98-8	sec-Butylbenzene	ND	1.3	0.19	U
98-06-6	tert-Butylbenzene	ND	2.6	0.15	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.9	1.3	U
98-82-8	Isopropylbenzene	ND	1.3	0.14	U
99-87-6	p-Isopropyltoluene	ND	1.3	0.14	U
91-20-3	Naphthalene	ND	5.2	0.84	U
103-65-1	n-Propylbenzene	ND	1.3	0.22	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Lab ID	: L2600637-01	**Date Collected**	: 01/06/26 12:00
Client ID	: AREA05-BOTTOM-01062026	**Date Received**	: 01/07/26
Sample Location	: AREA E 140 LEE ST	**Date Analyzed**	: 01/09/26 16:19
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: BAD
Lab File ID	: V00260109A19	**Instrument ID**	: VOA100
Sample Amount	: 5.2 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 75
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
120-82-1	1,2,4-Trichlorobenzene	ND	2.6	0.35	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.6	0.25	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.6	0.43	U
79-20-9	Methyl Acetate	ND	5.2	1.2	U
110-82-7	Cyclohexane	ND	13	0.70	U
76-13-1	Freon-113	ND	5.2	0.89	U
108-87-2	Methyl cyclohexane	ND	5.2	0.78	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Lab ID	: L2600637-01	**Date Collected**	: 01/06/26 12:00
Client ID	: AREA05-BOTTOM-01062026	**Date Received**	: 01/07/26
Sample Location	: AREA E 140 LEE ST	**Date Analyzed**	: 01/09/26 16:19
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: BAD
Lab File ID	: V00260109A19	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 75
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	14.73	2.63	J
	Total TIC Compounds		2.63J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Lab ID	: L2600637-02D	**Date Collected**	: 01/06/26 13:45
Client ID	: AREA05-NW-01062026	**Date Received**	: 01/07/26
Sample Location	: AREA E 140 LEE ST	**Date Analyzed**	: 01/09/26 18:29
Sample Matrix	: SOIL	**Dilution Factor**	: 10
Analytical Method	: 1,8260D	**Analyst**	: BAD
Lab File ID	: V00260109A24	**Instrument ID**	: VOA100
Sample Amount	: 5.0 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: 78
Extract Volume (MeOH)	: 5 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
108-90-7	Chlorobenzene	76000	390	99.	

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-02D2	Date Collected	: 01/06/26 13:45
Client ID	: AREA05-NW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/12/26 13:11
Sample Matrix	: SOIL	Dilution Factor	: 2.5
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V04260112B07	Instrument ID	: VOA104
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 78
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	980	450	U
75-34-3	1,1-Dichloroethane	ND	200	28.	U
67-66-3	Chloroform	ND	290	27.	U
56-23-5	Carbon tetrachloride	ND	200	45.	U
78-87-5	1,2-Dichloropropane	ND	200	24.	U
124-48-1	Dibromochloromethane	ND	200	27.	U
79-00-5	1,1,2-Trichloroethane	ND	200	52.	U
127-18-4	Tetrachloroethene	ND	98	38.	U
108-90-7	Chlorobenzene	78000	98	25.	E
75-69-4	Trichlorofluoromethane	ND	780	140	U
107-06-2	1,2-Dichloroethane	ND	200	50.	U
71-55-6	1,1,1-Trichloroethane	ND	98	33.	U
75-27-4	Bromodichloromethane	ND	98	21.	U
10061-02-6	trans-1,3-Dichloropropene	ND	200	53.	U
10061-01-5	cis-1,3-Dichloropropene	ND	98	31.	U
75-25-2	Bromoform	ND	780	48.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	98	32.	U
71-43-2	Benzene	33	98	32.	J
108-88-3	Toluene	ND	200	110	U
100-41-4	Ethylbenzene	ND	200	28.	U
74-87-3	Chloromethane	ND	780	180	U
74-83-9	Bromomethane	ND	390	110	U
75-01-4	Vinyl chloride	ND	200	66.	U
75-00-3	Chloroethane	ND	390	88.	U
75-35-4	1,1-Dichloroethene	ND	200	46.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-02D2	Date Collected	: 01/06/26 13:45
Client ID	: AREA05-NW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/12/26 13:11
Sample Matrix	: SOIL	Dilution Factor	: 2.5
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V04260112B07	Instrument ID	: VOA104
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 78
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	290	27.	U
79-01-6	Trichloroethene	32	98	27.	J
95-50-1	1,2-Dichlorobenzene	860	390	28.	
541-73-1	1,3-Dichlorobenzene	130	390	29.	J
106-46-7	1,4-Dichlorobenzene	1300	390	33.	
1634-04-4	Methyl tert butyl ether	ND	390	39.	U
179601-23-1	p/m-Xylene	ND	390	110	U
95-47-6	o-Xylene	ND	200	57.	U
156-59-2	cis-1,2-Dichloroethene	ND	200	34.	U
100-42-5	Styrene	ND	200	38.	U
75-71-8	Dichlorodifluoromethane	ND	2000	180	U
67-64-1	Acetone	ND	2000	940	U
75-15-0	Carbon disulfide	ND	2000	890	U
78-93-3	2-Butanone	ND	2000	430	U
108-10-1	4-Methyl-2-pentanone	ND	2000	250	U
591-78-6	2-Hexanone	ND	2000	230	U
106-93-4	1,2-Dibromoethane	ND	200	54.	U
104-51-8	n-Butylbenzene	ND	200	33.	U
135-98-8	sec-Butylbenzene	ND	200	28.	U
98-06-6	tert-Butylbenzene	ND	390	23.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	590	200	U
98-82-8	Isopropylbenzene	ND	200	21.	U
99-87-6	p-Isopropyltoluene	ND	200	21.	U
91-20-3	Naphthalene	ND	780	130	U
103-65-1	n-Propylbenzene	ND	200	33.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-02D2	Date Collected	: 01/06/26 13:45
Client ID	: AREA05-NW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/12/26 13:11
Sample Matrix	: SOIL	Dilution Factor	: 2.5
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V04260112B07	Instrument ID	: VOA104
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 78
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	390	53.	U
108-67-8	1,3,5-Trimethylbenzene	ND	390	38.	U
95-63-6	1,2,4-Trimethylbenzene	ND	390	65.	U
79-20-9	Methyl Acetate	ND	780	180	U
110-82-7	Cyclohexane	ND	2000	110	U
76-13-1	Freon-113	ND	780	140	U
108-87-2	Methyl cyclohexane	ND	780	120	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-02D2	Date Collected	: 01/06/26 13:45
Client ID	: AREA05-NW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/12/26 13:11
Sample Matrix	: SOIL	Dilution Factor	: 2.5
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V04260112B07	Instrument ID	: VOA104
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 78
Extract Volume (MeOH)	: NA	Injection Volume	: 0.04 g

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-03	Date Collected	: 01/06/26 14:10
Client ID	: AREA05-WW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V00260109A20	Instrument ID	: VOA100
Sample Amount	: 5.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 75
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	6.4	2.9	U
75-34-3	1,1-Dichloroethane	ND	1.3	0.19	U
67-66-3	Chloroform	ND	1.9	0.18	U
56-23-5	Carbon tetrachloride	ND	1.3	0.30	U
78-87-5	1,2-Dichloropropane	ND	1.3	0.16	U
124-48-1	Dibromochloromethane	ND	1.3	0.18	U
79-00-5	1,1,2-Trichloroethane	ND	1.3	0.34	U
127-18-4	Tetrachloroethene	ND	0.64	0.25	U
108-90-7	Chlorobenzene	ND	0.64	0.16	U
75-69-4	Trichlorofluoromethane	ND	5.1	0.89	U
107-06-2	1,2-Dichloroethane	ND	1.3	0.33	U
71-55-6	1,1,1-Trichloroethane	ND	0.64	0.21	U
75-27-4	Bromodichloromethane	ND	0.64	0.14	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	0.35	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.64	0.20	U
75-25-2	Bromoform	ND	5.1	0.32	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.64	0.21	U
71-43-2	Benzene	ND	0.64	0.21	U
108-88-3	Toluene	ND	1.3	0.70	U
100-41-4	Ethylbenzene	ND	1.3	0.18	U
74-87-3	Chloromethane	ND	5.1	1.2	U
74-83-9	Bromomethane	ND	2.6	0.74	U
75-01-4	Vinyl chloride	ND	1.3	0.43	U
75-00-3	Chloroethane	ND	2.6	0.58	U
75-35-4	1,1-Dichloroethene	ND	1.3	0.30	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-03	Date Collected	: 01/06/26 14:10
Client ID	: AREA05-WW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V00260109A20	Instrument ID	: VOA100
Sample Amount	: 5.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 75
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.9	0.18	U
79-01-6	Trichloroethene	ND	0.64	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.6	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.6	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.6	0.22	U
1634-04-4	Methyl tert butyl ether	ND	2.6	0.26	U
179601-23-1	p/m-Xylene	ND	2.6	0.72	U
95-47-6	o-Xylene	ND	1.3	0.37	U
156-59-2	cis-1,2-Dichloroethene	ND	1.3	0.22	U
100-42-5	Styrene	ND	1.3	0.25	U
75-71-8	Dichlorodifluoromethane	ND	13	1.2	U
67-64-1	Acetone	ND	13	6.2	U
75-15-0	Carbon disulfide	ND	13	5.8	U
78-93-3	2-Butanone	ND	13	2.8	U
108-10-1	4-Methyl-2-pentanone	ND	13	1.6	U
591-78-6	2-Hexanone	ND	13	1.5	U
106-93-4	1,2-Dibromoethane	ND	1.3	0.36	U
104-51-8	n-Butylbenzene	ND	1.3	0.21	U
135-98-8	sec-Butylbenzene	ND	1.3	0.19	U
98-06-6	tert-Butylbenzene	ND	2.6	0.15	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.8	1.3	U
98-82-8	Isopropylbenzene	ND	1.3	0.14	U
99-87-6	p-Isopropyltoluene	ND	1.3	0.14	U
91-20-3	Naphthalene	ND	5.1	0.83	U
103-65-1	n-Propylbenzene	ND	1.3	0.22	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-03	Date Collected	: 01/06/26 14:10
Client ID	: AREA05-WW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V00260109A20	Instrument ID	: VOA100
Sample Amount	: 5.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 75
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.6	0.35	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.6	0.25	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.6	0.43	U
79-20-9	Methyl Acetate	ND	5.1	1.2	U
110-82-7	Cyclohexane	ND	13	0.70	U
76-13-1	Freon-113	ND	5.1	0.89	U
108-87-2	Methyl cyclohexane	ND	5.1	0.77	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Lab ID	: L2600637-03	**Date Collected**	: 01/06/26 14:10
Client ID	: AREA05-WW-01062026	**Date Received**	: 01/07/26
Sample Location	: AREA E 140 LEE ST	**Date Analyzed**	: 01/09/26 16:45
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: BAD
Lab File ID	: V00260109A20	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 75
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-04	Date Collected	: 01/06/26 14:15
Client ID	: AREA05-SW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 17:11
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V00260109A21	Instrument ID	: VOA100
Sample Amount	: 5.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 77
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.8	2.6	U
75-34-3	1,1-Dichloroethane	ND	1.2	0.17	U
67-66-3	Chloroform	ND	1.7	0.16	U
56-23-5	Carbon tetrachloride	ND	1.2	0.26	U
78-87-5	1,2-Dichloropropane	ND	1.2	0.14	U
124-48-1	Dibromochloromethane	ND	1.2	0.16	U
79-00-5	1,1,2-Trichloroethane	ND	1.2	0.31	U
127-18-4	Tetrachloroethene	ND	0.58	0.22	U
108-90-7	Chlorobenzene	16	0.58	0.15	
75-69-4	Trichlorofluoromethane	ND	4.6	0.80	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.30	U
71-55-6	1,1,1-Trichloroethane	ND	0.58	0.19	U
75-27-4	Bromodichloromethane	ND	0.58	0.12	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.31	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.58	0.18	U
75-25-2	Bromoform	ND	4.6	0.28	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.58	0.19	U
71-43-2	Benzene	ND	0.58	0.19	U
108-88-3	Toluene	ND	1.2	0.62	U
100-41-4	Ethylbenzene	ND	1.2	0.16	U
74-87-3	Chloromethane	ND	4.6	1.1	U
74-83-9	Bromomethane	ND	2.3	0.67	U
75-01-4	Vinyl chloride	ND	1.2	0.38	U
75-00-3	Chloroethane	ND	2.3	0.52	U
75-35-4	1,1-Dichloroethene	ND	1.2	0.27	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-04	Date Collected	: 01/06/26 14:15
Client ID	: AREA05-SW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 17:11
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V00260109A21	Instrument ID	: VOA100
Sample Amount	: 5.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 77
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.16	U
79-01-6	Trichloroethene	ND	0.58	0.16	U
95-50-1	1,2-Dichlorobenzene	ND	2.3	0.16	U
541-73-1	1,3-Dichlorobenzene	ND	2.3	0.17	U
106-46-7	1,4-Dichlorobenzene	ND	2.3	0.20	U
1634-04-4	Methyl tert butyl ether	ND	2.3	0.23	U
179601-23-1	p/m-Xylene	ND	2.3	0.64	U
95-47-6	o-Xylene	ND	1.2	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.20	U
100-42-5	Styrene	ND	1.2	0.22	U
75-71-8	Dichlorodifluoromethane	ND	12	1.0	U
67-64-1	Acetone	14	12	5.5	
75-15-0	Carbon disulfide	ND	12	5.2	U
78-93-3	2-Butanone	ND	12	2.6	U
108-10-1	4-Methyl-2-pentanone	ND	12	1.5	U
591-78-6	2-Hexanone	ND	12	1.4	U
106-93-4	1,2-Dibromoethane	ND	1.2	0.32	U
104-51-8	n-Butylbenzene	ND	1.2	0.19	U
135-98-8	sec-Butylbenzene	ND	1.2	0.17	U
98-06-6	tert-Butylbenzene	ND	2.3	0.14	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.4	1.1	U
98-82-8	Isopropylbenzene	ND	1.2	0.12	U
99-87-6	p-Isopropyltoluene	ND	1.2	0.12	U
91-20-3	Naphthalene	ND	4.6	0.75	U
103-65-1	n-Propylbenzene	ND	1.2	0.20	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-04	Date Collected	: 01/06/26 14:15
Client ID	: AREA05-SW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 17:11
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V00260109A21	Instrument ID	: VOA100
Sample Amount	: 5.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 77
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.3	0.31	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.3	0.22	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.3	0.38	U
79-20-9	Methyl Acetate	ND	4.6	1.1	U
110-82-7	Cyclohexane	ND	12	0.62	U
76-13-1	Freon-113	ND	4.6	0.80	U
108-87-2	Methyl cyclohexane	ND	4.6	0.69	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Lab ID	: L2600637-04	**Date Collected**	: 01/06/26 14:15
Client ID	: AREA05-SW-01062026	**Date Received**	: 01/07/26
Sample Location	: AREA E 140 LEE ST	**Date Analyzed**	: 01/09/26 17:11
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: BAD
Lab File ID	: V00260109A21	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 77
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2164110-5	Date Collected	: NA
Client ID	: WG2164110-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/09/26 10:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00260109A05	Instrument ID	: VOA100
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2164110-5	Date Collected	: NA
Client ID	: WG2164110-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/09/26 10:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00260109A05	Instrument ID	: VOA100
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.65	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2164110-5	Date Collected	: NA
Client ID	: WG2164110-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/09/26 10:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00260109A05	Instrument ID	: VOA100
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Lab ID	: WG2164110-5	**Date Collected**	: NA
Client ID	: WG2164110-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 01/09/26 10:14
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V00260109A05	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: NA
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.48	2.13	J
	Total TIC Compounds		2.13J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2164111-5	Date Collected	: NA
Client ID	: WG2164111-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/09/26 10:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00260109A05	Instrument ID	: VOA100
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	250	110	U
75-34-3	1,1-Dichloroethane	ND	50	7.2	U
67-66-3	Chloroform	ND	75	7.0	U
56-23-5	Carbon tetrachloride	ND	50	12.	U
78-87-5	1,2-Dichloropropane	ND	50	6.2	U
124-48-1	Dibromochloromethane	ND	50	7.0	U
79-00-5	1,1,2-Trichloroethane	ND	50	13.	U
127-18-4	Tetrachloroethene	ND	25	9.8	U
108-90-7	Chlorobenzene	ND	25	6.4	U
75-69-4	Trichlorofluoromethane	ND	200	35.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	25	8.4	U
75-27-4	Bromodichloromethane	ND	25	5.4	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.9	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.3	U
71-43-2	Benzene	ND	25	8.3	U
108-88-3	Toluene	ND	50	27.	U
100-41-4	Ethylbenzene	ND	50	7.0	U
74-87-3	Chloromethane	ND	200	47.	U
74-83-9	Bromomethane	ND	100	29.	U
75-01-4	Vinyl chloride	ND	50	17.	U
75-00-3	Chloroethane	ND	100	23.	U
75-35-4	1,1-Dichloroethene	ND	50	12.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2164111-5	Date Collected	: NA
Client ID	: WG2164111-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/09/26 10:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00260109A05	Instrument ID	: VOA100
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	75	6.8	U
79-01-6	Trichloroethene	ND	25	6.8	U
95-50-1	1,2-Dichlorobenzene	ND	100	7.2	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.4	U
106-46-7	1,4-Dichlorobenzene	ND	100	8.6	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	ND	100	28.	U
95-47-6	o-Xylene	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	8.8	U
100-42-5	Styrene	ND	50	9.8	U
75-71-8	Dichlorodifluoromethane	ND	500	46.	U
67-64-1	Acetone	ND	500	240	U
75-15-0	Carbon disulfide	ND	500	230	U
78-93-3	2-Butanone	ND	500	110	U
108-10-1	4-Methyl-2-pentanone	ND	500	64.	U
591-78-6	2-Hexanone	ND	500	59.	U
106-93-4	1,2-Dibromoethane	ND	50	14.	U
104-51-8	n-Butylbenzene	ND	50	8.4	U
135-98-8	sec-Butylbenzene	ND	50	7.3	U
98-06-6	tert-Butylbenzene	ND	100	5.9	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	150	50.	U
98-82-8	Isopropylbenzene	ND	50	5.4	U
99-87-6	p-Isopropyltoluene	ND	50	5.4	U
91-20-3	Naphthalene	ND	200	32.	U
103-65-1	n-Propylbenzene	ND	50	8.6	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2164111-5	Date Collected	: NA
Client ID	: WG2164111-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/09/26 10:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00260109A05	Instrument ID	: VOA100
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	100	14.	U
108-67-8	1,3,5-Trimethylbenzene	ND	100	9.6	U
95-63-6	1,2,4-Trimethylbenzene	ND	100	17.	U
79-20-9	Methyl Acetate	ND	200	48.	U
110-82-7	Cyclohexane	ND	500	27.	U
76-13-1	Freon-113	ND	200	35.	U
108-87-2	Methyl cyclohexane	ND	200	30.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2164207-5	Date Collected	: NA
Client ID	: WG2164207-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/12/26 12:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V04260112B05	Instrument ID	: VOA104
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	250	110	U
75-34-3	1,1-Dichloroethane	ND	50	7.2	U
67-66-3	Chloroform	ND	75	7.0	U
56-23-5	Carbon tetrachloride	ND	50	12.	U
78-87-5	1,2-Dichloropropane	ND	50	6.2	U
124-48-1	Dibromochloromethane	ND	50	7.0	U
79-00-5	1,1,2-Trichloroethane	ND	50	13.	U
127-18-4	Tetrachloroethene	ND	25	9.8	U
108-90-7	Chlorobenzene	ND	25	6.4	U
75-69-4	Trichlorofluoromethane	ND	200	35.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	25	8.4	U
75-27-4	Bromodichloromethane	ND	25	5.4	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.9	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.3	U
71-43-2	Benzene	ND	25	8.3	U
108-88-3	Toluene	ND	50	27.	U
100-41-4	Ethylbenzene	ND	50	7.0	U
74-87-3	Chloromethane	ND	200	47.	U
74-83-9	Bromomethane	ND	100	29.	U
75-01-4	Vinyl chloride	ND	50	17.	U
75-00-3	Chloroethane	ND	100	23.	U
75-35-4	1,1-Dichloroethene	ND	50	12.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2164207-5	Date Collected	: NA
Client ID	: WG2164207-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/12/26 12:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V04260112B05	Instrument ID	: VOA104
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	75	6.8	U
79-01-6	Trichloroethene	ND	25	6.8	U
95-50-1	1,2-Dichlorobenzene	ND	100	7.2	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.4	U
106-46-7	1,4-Dichlorobenzene	ND	100	8.6	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	ND	100	28.	U
95-47-6	o-Xylene	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	8.8	U
100-42-5	Styrene	ND	50	9.8	U
75-71-8	Dichlorodifluoromethane	ND	500	46.	U
67-64-1	Acetone	ND	500	240	U
75-15-0	Carbon disulfide	ND	500	230	U
78-93-3	2-Butanone	ND	500	110	U
108-10-1	4-Methyl-2-pentanone	ND	500	64.	U
591-78-6	2-Hexanone	ND	500	59.	U
106-93-4	1,2-Dibromoethane	ND	50	14.	U
104-51-8	n-Butylbenzene	ND	50	8.4	U
135-98-8	sec-Butylbenzene	ND	50	7.3	U
98-06-6	tert-Butylbenzene	ND	100	5.9	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	150	50.	U
98-82-8	Isopropylbenzene	ND	50	5.4	U
99-87-6	p-Isopropyltoluene	ND	50	5.4	U
91-20-3	Naphthalene	32	200	32.	J
103-65-1	n-Propylbenzene	ND	50	8.6	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2164207-5	Date Collected	: NA
Client ID	: WG2164207-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/12/26 12:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V04260112B05	Instrument ID	: VOA104
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	21	100	14.	J
108-67-8	1,3,5-Trimethylbenzene	ND	100	9.6	U
95-63-6	1,2,4-Trimethylbenzene	ND	100	17.	U
79-20-9	Methyl Acetate	ND	200	48.	U
110-82-7	Cyclohexane	ND	500	27.	U
76-13-1	Freon-113	ND	200	35.	U
108-87-2	Methyl cyclohexane	ND	200	30.	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2164207-5	Date Collected	: NA
Client ID	: WG2164207-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/12/26 12:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V04260112B05	Instrument ID	: VOA104
Sample Amount	:	GC Column	:
Level	:	%Solids	: NA
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A19.D
Acq On : 09 Jan 2026 04:19 pm
Operator : VOA100:BAD
Sample : L2600637-01,31,5.18,5,,Y
Misc : WG2164110,ICAL22914
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 10 15:37:26 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.233	96	113435	20.000	ug/L	0.00
Standard Area 1 = 151439			Recovery = 74.90%			
60) Chlorobenzene-d5	9.793	117	94420	20.000	ug/L	0.00
Standard Area 1 = 117500			Recovery = 80.36%			
80) 1,4-Dichlorobenzene-d4	12.461	152	50761	20.000	ug/L	0.00
Standard Area 1 = 67544			Recovery = 75.15%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	34154	21.674	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 108.37%			
44) 1,2-Dichloroethane-d4	5.939	65	37216	23.764	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 118.82%			
61) Toluene-d8	7.942	98	121626	20.045	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.23%			
84) 4-Bromofluorobenzene	11.261	95	44975	22.232	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 111.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.181	76	10030	1.746	ug/L	94
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.705	84	522	0.298	ug/L #	49
17) Acetone	3.732	43	1327	1.682	ug/L #	56
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Cyclohexane	0.000		0	N.D.		
33) Chloroform	0.000		0	N.D.		
35) Carbon tetrachloride	0.000		0	N.D.		
38) 1,1,1-Trichloroethane	0.000		0	N.D.		

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A19.D
Acq On : 09 Jan 2026 04:19 pm
Operator : VOA100:BAD
Sample : L2600637-01,31,5.18,5,,Y
Misc : WG2164110,ICAL22914
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 10 15:37:26 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2-Butanone	0.000		0	N.D.		
42) Benzene	0.000		0	N.D.		
45) 1,2-Dichloroethane	0.000		0	N.D.		
48) Methyl cyclohexane	0.000		0	N.D.		
49) Trichloroethene	0.000		0	N.D.		
52) 1,2-Dichloropropane	0.000		0	N.D.		
55) Bromodichloromethane	0.000		0	N.D.		
59) cis-1,3-Dichloropropene	0.000		0	N.D.		
62) Toluene	0.000		0	N.D.		
63) 4-Methyl-2-pentanone	0.000		0	N.D.		
64) Tetrachloroethene	0.000		0	N.D.		
66) trans-1,3-Dichloropropene	0.000		0	N.D.		
69) 1,1,2-Trichloroethane	0.000		0	N.D.		
70) Chlorodibromomethane	0.000		0	N.D.		
72) 1,2-Dibromoethane	0.000		0	N.D.		
73) 2-Hexanone	0.000		0	N.D.		
74) Chlorobenzene	0.000		0	N.D.	d	
75) Ethylbenzene	0.000		0	N.D.		
77) p/m Xylene	0.000		0	N.D.		
78) o Xylene	0.000		0	N.D.		
79) Styrene	0.000		0	N.D.		
81) Bromoform	0.000		0	N.D.		
83) Isopropylbenzene	0.000		0	N.D.		
86) n-Propylbenzene	0.000		0	N.D.		
88) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
91) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
95) tert-Butylbenzene	0.000		0	N.D.		
98) 1,2,4-Trimethylbenzene	0.000		0	N.D.		
99) sec-Butylbenzene	0.000		0	N.D.		
100) p-Isopropyltoluene	0.000		0	N.D.		
101) 1,3-Dichlorobenzene	0.000		0	N.D.		
102) 1,4-Dichlorobenzene	0.000		0	N.D.		
104) n-Butylbenzene	0.000		0	N.D.		
105) 1,2-Dichlorobenzene	0.000		0	N.D.		
107) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
110) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
111) Naphthalene	0.000		0	N.D.		

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

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A19.D
Acq On : 09 Jan 2026 04:19 pm
Operator : VOA100:BAD
Sample : L2600637-01,31,5.18,5,,Y
Misc : WG2164110,ICAL22914
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 10 15:37:26 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

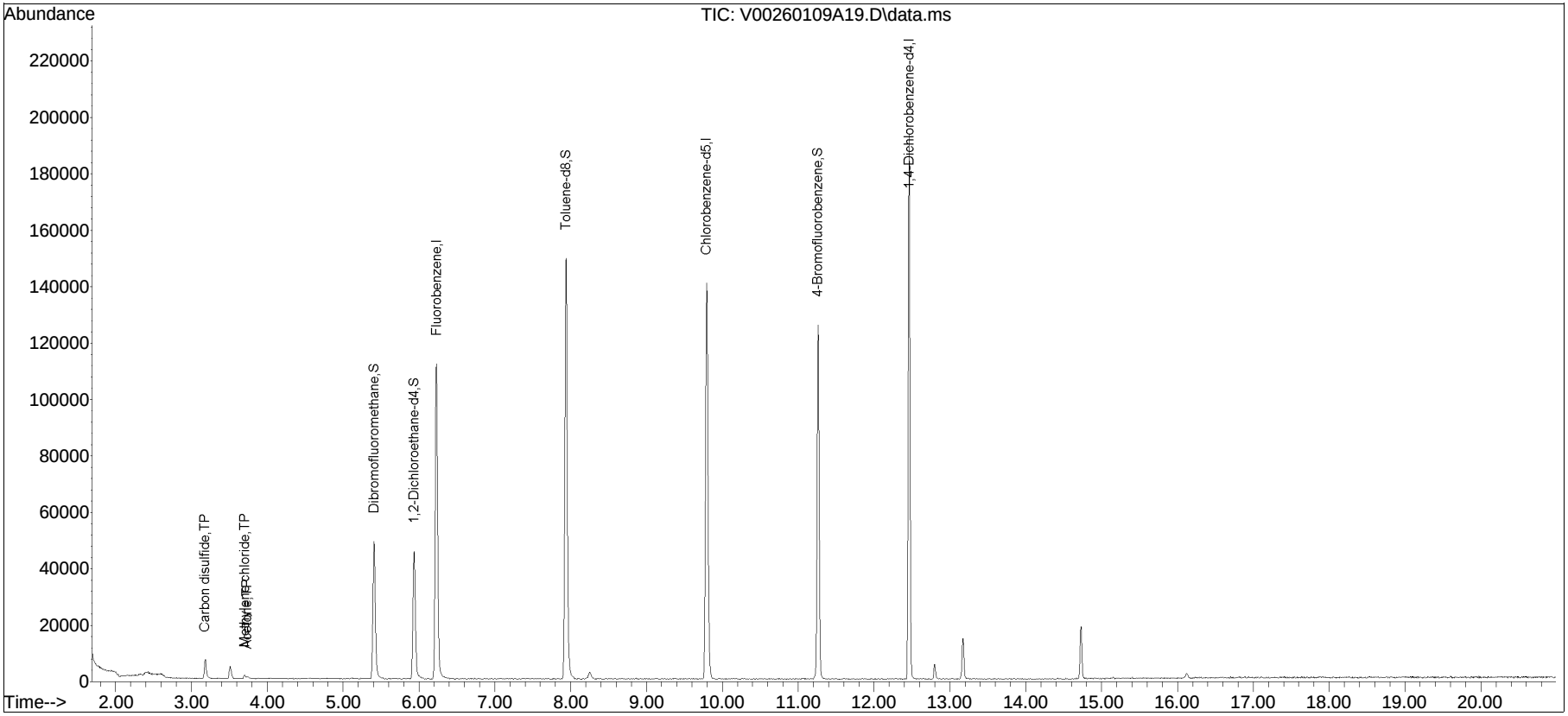
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

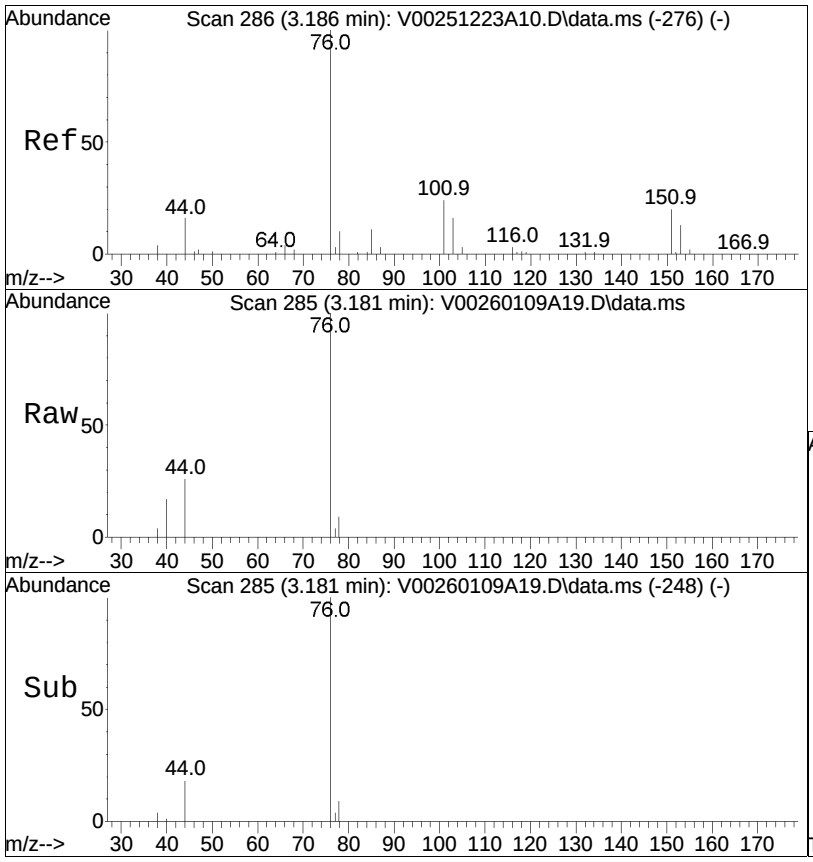
Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A19.D
Acq On : 09 Jan 2026 04:19 pm
Operator : VOA100:BAD
Sample : L2600637-01,31,5.18,5,,Y
Misc : WG2164110,ICAL22914
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 10 15:37:26 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS0109A01.D•

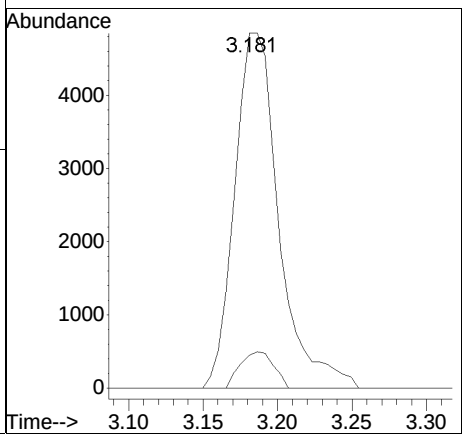


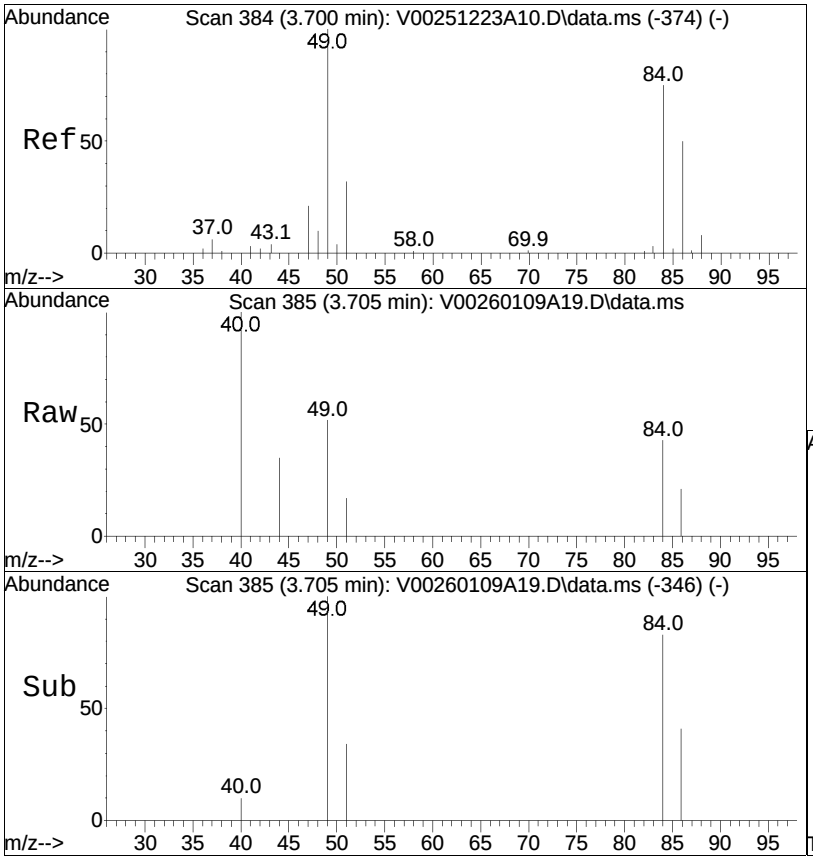


#11
Carbon disulfide
Concen: 1.75 ug/L
RT: 3.181 min Scan# 285
Delta R.T. -0.005 min
Lab File: V00260109A19.D
Acq: 09 Jan 2026 04:19 pm

Tgt Ion: 76 Resp: 10030

Ion	Ratio	Lower	Upper
76	100		
78	7.9	6.4	13.4

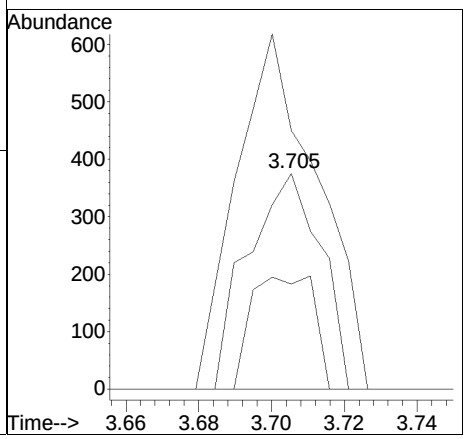


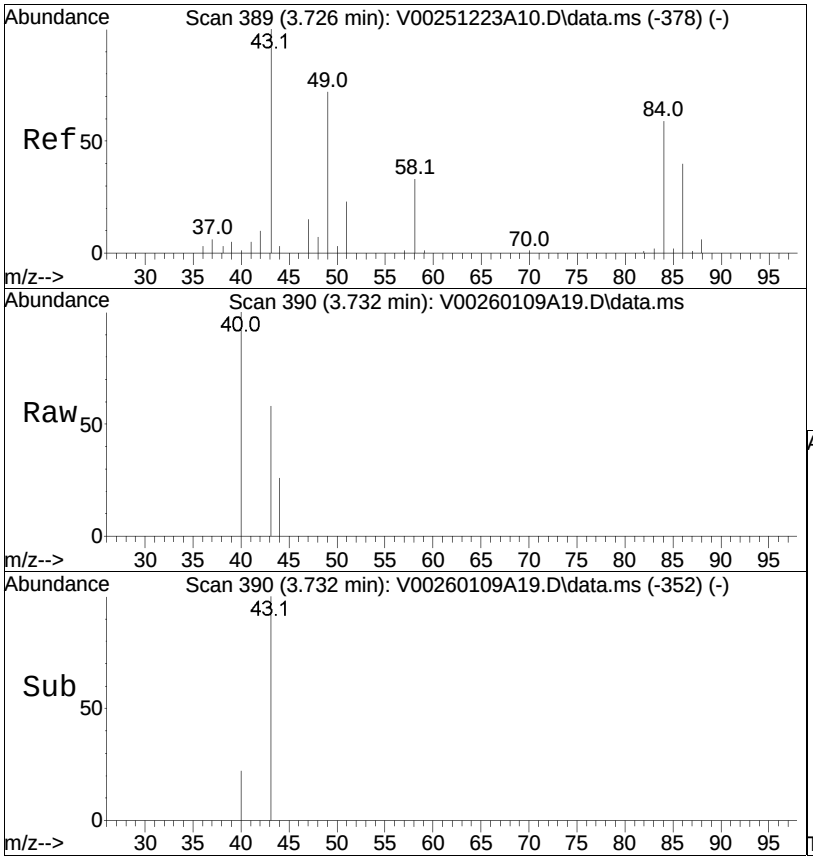


#15
Methylene chloride
Concen: 0.30 ug/L
RT: 3.705 min Scan# 385
Delta R.T. 0.005 min
Lab File: V00260109A19.D
Acq: 09 Jan 2026 04:19 pm

Tgt Ion: 84 Resp: 522

Ion	Ratio	Lower	Upper
84	100		
86	45.0	39.6	82.2
49	183.1	72.7	150.9#

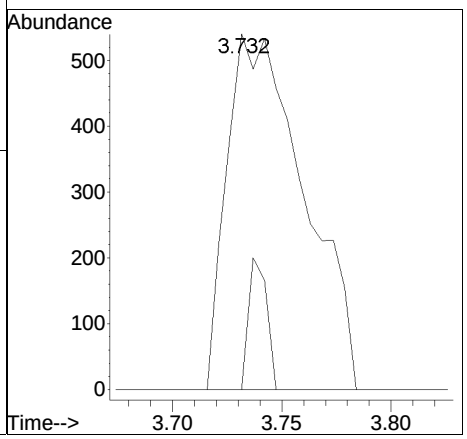




#17
Acetone
Concen: 1.68 ug/L
RT: 3.732 min Scan# 390
Delta R.T. -0.000 min
Lab File: V00260109A19.D
Acq: 09 Jan 2026 04:19 pm

Tgt Ion: 43 Resp: 1327

Ion	Ratio	Lower	Upper
43	100		
58	8.7	27.2	40.8#



Manual Integration Report

Data Path	: K:\VOA100\2026\260109A\	QMethod	: V100_251223A_8260.m
Data File	: V00260109A19.D	Operator	: VOA100:BAD
Date Inj'd	: 1/9/2026 4:19 pm	Instrument	: VOA100
Sample	: L2600637-01,31,5.18,5,,Y	Quant Date	: 1/10/2026 3:32 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A19.D
Acq On : 09 Jan 2026 04:19 pm
Operator : VOA100:BAD
Sample : L2600637-01,31,5.18,5,,Y
Misc : WG2164110,ICAL22914
ALS Vial : 19 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V00260109A19.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.186	278	286	303	rVB	6937	14111	4.29%	0.818%
2	5.409	699	710	730	rBV	48739	111927	34.02%	6.489%
3	5.939	801	811	827	rBV	45245	102519	31.16%	5.944%
4	6.233	853	867	896	rBV	111835	256479	77.96%	14.869%
5	7.942	1182	1193	1214	rBV	149203	328968	100.00%	19.072%
6	9.793	1535	1546	1568	rVB	140411	310763	94.47%	18.016%
7	11.261	1814	1826	1841	rBV	125545	232327	70.62%	13.469%
8	12.461	2046	2055	2069	rBV	193037	310223	94.30%	17.985%
9	13.174	2182	2191	2200	rBV	14364	25890	7.87%	1.501%
10	14.726	2478	2487	2497	rBV	18707	31682	9.63%	1.837%

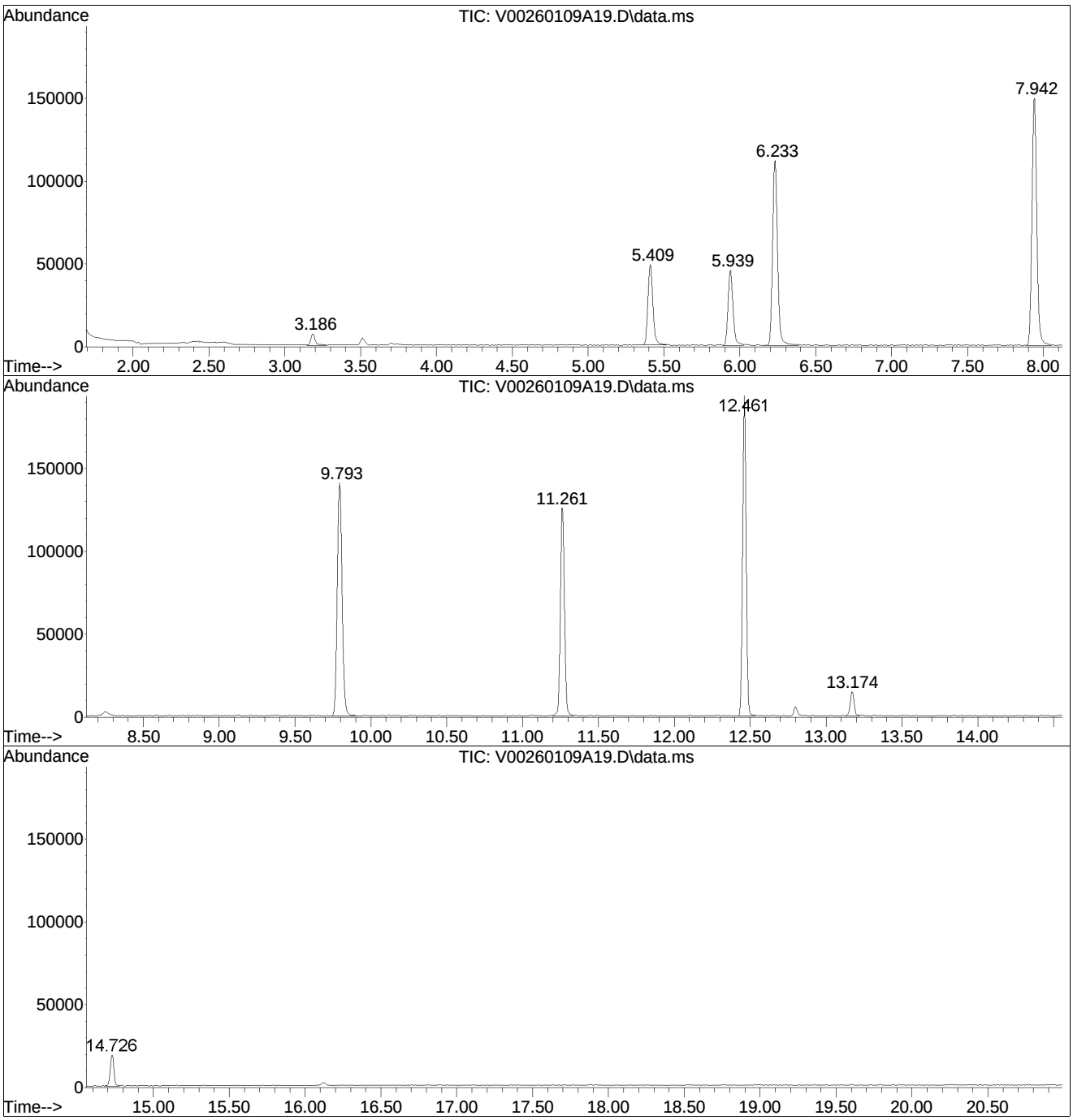
Sum of corrected areas: 1724889

LSC Report - Integrated Chromatogram

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A19.D
Acq On : 09 Jan 2026 04:19 pm
Operator : VOA100:BAD
Sample : L2600637-01,31,5.18,5,,Y
Misc : WG2164110,ICAL22914
ALS Vial : 19 Sample Multiplier: 1

Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A19.D
Acq On : 09 Jan 2026 04:19 pm
Operator : VOA100:BAD
Sample : L2600637-01,31,5.18,5,,Y
Misc : WG2164110,ICAL22914
ALS Vial : 19 Sample Multiplier: 1

Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

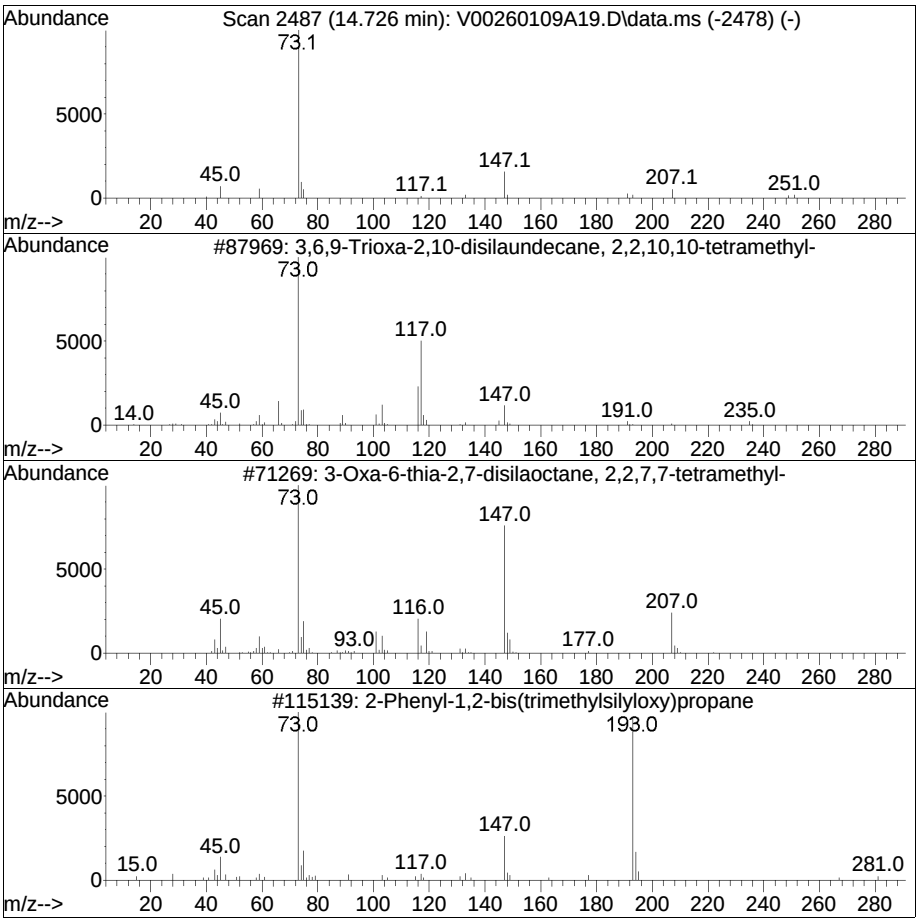
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

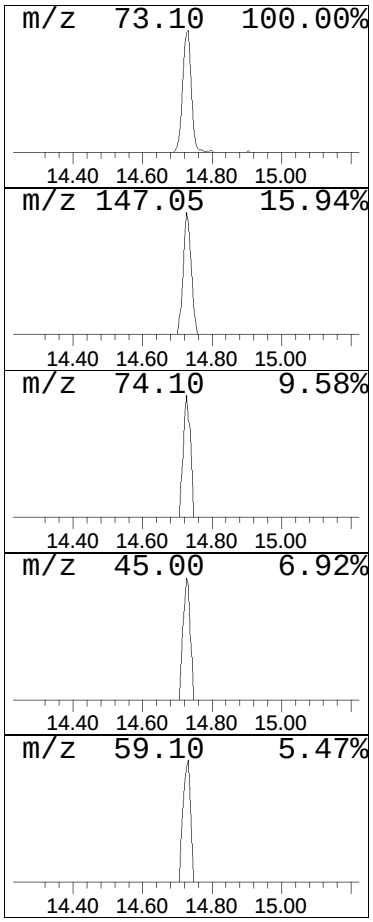
****

Peak Number 1 Unknown Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.726	2.04 ug/L	31682	1,4-Dichlorobenzene-d4	12.461

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9-Trioxa-2,10-disilaundecane...	250	C10H26O3Si2	016654-74-3	28
2	3-Oxa-6-thia-2,7-disilaoctane, 2...	222	C8H22OSSi2	078921-31-0	9
3	2-Phenyl-1,2-bis(trimethylsilylo...	296	C15H28O2Si2	294847-15-7	9
4	Ethanedioic acid, bis(trimethyls...	234	C8H18O4Si2	018294-04-7	9
5	1-Propene-1-thiol	74	C3H6S	000925-89-3	4





Tentatively Identified Compound (LSC) summary

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A19.D
Acq On : 09 Jan 2026 04:19 pm
Operator : VOA100:BAD
Sample : L2600637-01,31,5.18,5,,Y
Misc : WG2164110,ICAL22914
ALS Vial : 19 Sample Multiplier: 1

Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	14.726	2.0	ug/L	31682	3	12.461	310223	20.0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A20.D
Acq On : 09 Jan 2026 04:45 pm
Operator : VOA100:BAD
Sample : L2600637-03,31,5.23,5,,Y
Misc : WG2164110,ICAL22914
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 10 15:38:15 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.233	96	113496	20.000	ug/L	0.00
Standard Area 1 = 151439			Recovery = 74.95%			
60) Chlorobenzene-d5	9.793	117	91514	20.000	ug/L	0.00
Standard Area 1 = 117500			Recovery = 77.88%			
80) 1,4-Dichlorobenzene-d4	12.461	152	48556	20.000	ug/L	0.00
Standard Area 1 = 67544			Recovery = 71.89%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.410	113	33557	21.284	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.42%			
44) 1,2-Dichloroethane-d4	5.934	65	36444	23.259	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 116.29%			
61) Toluene-d8	7.937	98	119259	20.279	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.40%			
84) 4-Bromofluorobenzene	11.261	95	43507	22.483	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 112.41%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.186	76	9483	1.650	ug/L	93
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.700	84	394	0.225	ug/L #	42
17) Acetone	3.742	43	913	1.157	ug/L #	50
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Cyclohexane	0.000		0	N.D.		
33) Chloroform	0.000		0	N.D.		
35) Carbon tetrachloride	0.000		0	N.D.		
38) 1,1,1-Trichloroethane	0.000		0	N.D.		

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A20.D
Acq On : 09 Jan 2026 04:45 pm
Operator : VOA100:BAD
Sample : L2600637-03,31,5.23,5,,Y
Misc : WG2164110,ICAL22914
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 10 15:38:15 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2-Butanone	0.000		0	N.D.		
42) Benzene	0.000		0	N.D.		
45) 1,2-Dichloroethane	0.000		0	N.D.		
48) Methyl cyclohexane	0.000		0	N.D.		
49) Trichloroethene	6.296	95	48	N.D.		
52) 1,2-Dichloropropane	0.000		0	N.D.		
55) Bromodichloromethane	0.000		0	N.D.		
59) cis-1,3-Dichloropropene	0.000		0	N.D.		
62) Toluene	0.000		0	N.D.		
63) 4-Methyl-2-pentanone	0.000		0	N.D.		
64) Tetrachloroethene	0.000		0	N.D.		
66) trans-1,3-Dichloropropene	0.000		0	N.D.		
69) 1,1,2-Trichloroethane	0.000		0	N.D.		
70) Chlorodibromomethane	0.000		0	N.D.		
72) 1,2-Dibromoethane	0.000		0	N.D.		
73) 2-Hexanone	0.000		0	N.D.		
74) Chlorobenzene	0.000		0	N.D.	d	
75) Ethylbenzene	0.000		0	N.D.		
77) p/m Xylene	0.000		0	N.D.		
78) o Xylene	0.000		0	N.D.		
79) Styrene	0.000		0	N.D.		
81) Bromoform	0.000		0	N.D.		
83) Isopropylbenzene	0.000		0	N.D.		
86) n-Propylbenzene	0.000		0	N.D.		
88) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
91) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
95) tert-Butylbenzene	0.000		0	N.D.		
98) 1,2,4-Trimethylbenzene	0.000		0	N.D.		
99) sec-Butylbenzene	0.000		0	N.D.		
100) p-Isopropyltoluene	0.000		0	N.D.		
101) 1,3-Dichlorobenzene	0.000		0	N.D.		
102) 1,4-Dichlorobenzene	0.000		0	N.D.		
104) n-Butylbenzene	0.000		0	N.D.		
105) 1,2-Dichlorobenzene	0.000		0	N.D.		
107) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
110) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
111) Naphthalene	0.000		0	N.D.		

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

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A20.D
Acq On : 09 Jan 2026 04:45 pm
Operator : VOA100:BAD
Sample : L2600637-03,31,5.23,5,,Y
Misc : WG2164110,ICAL22914
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 10 15:38:15 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

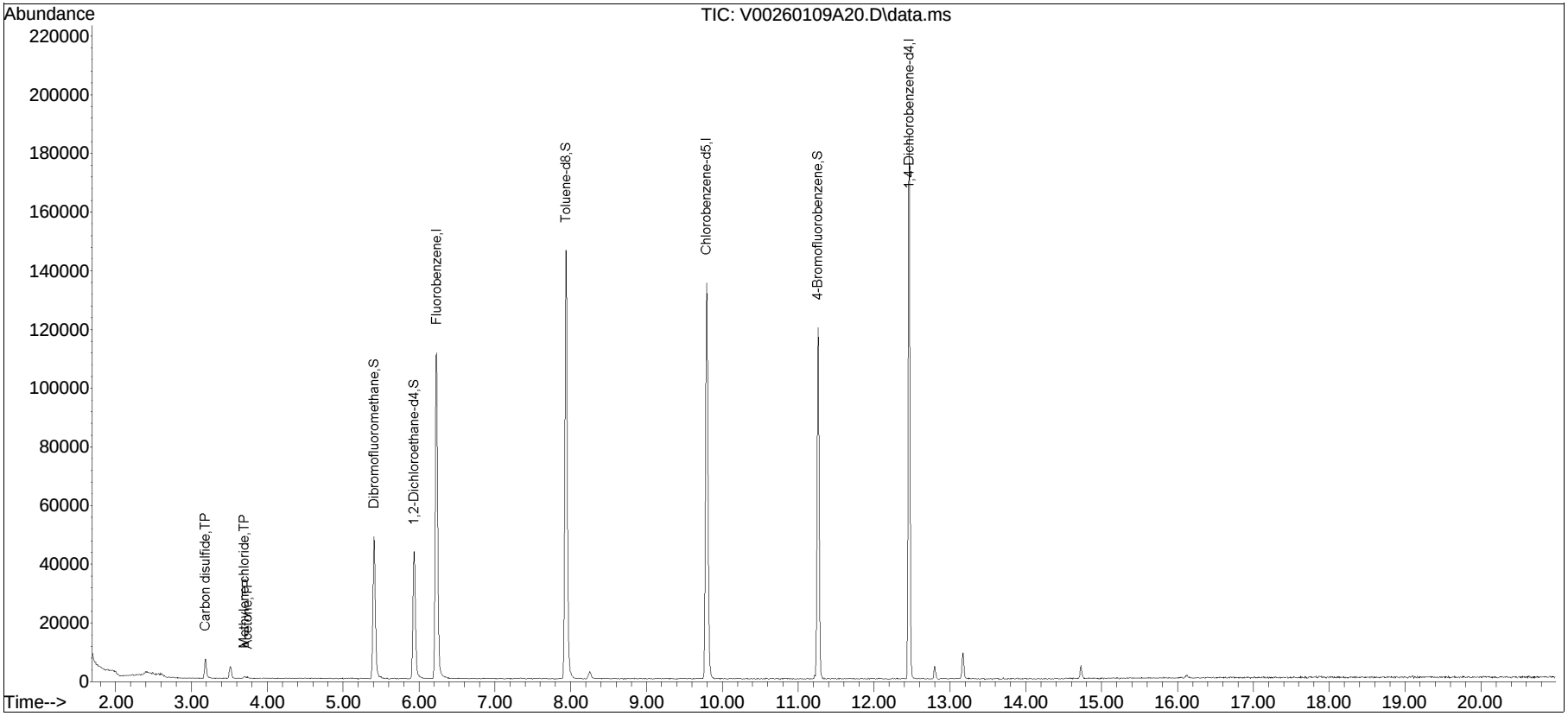
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

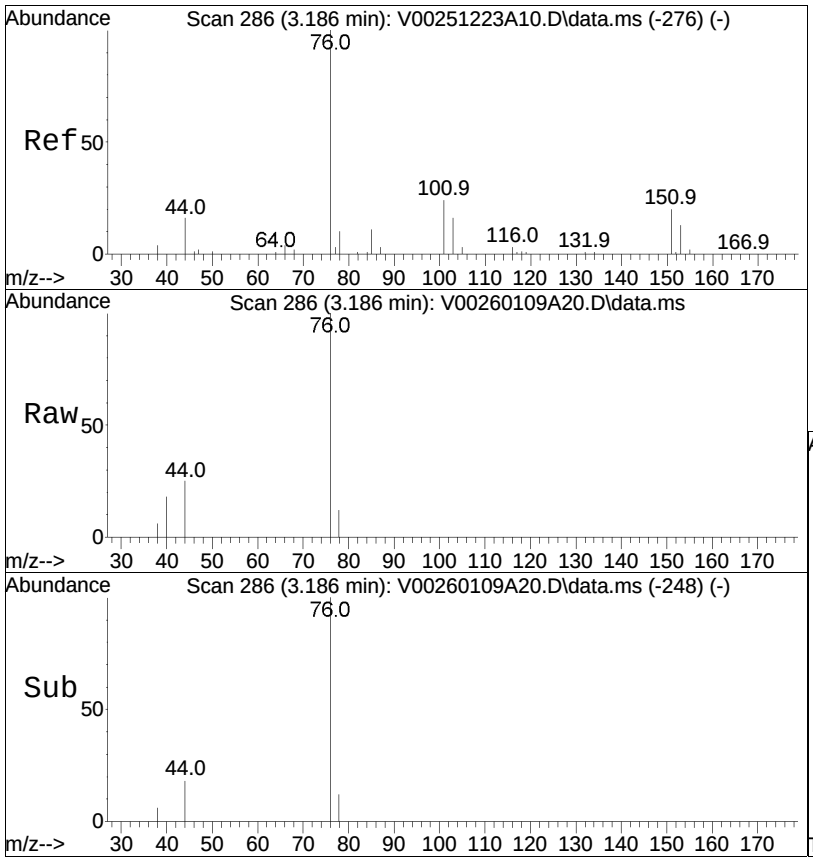
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A20.D
Acq On : 09 Jan 2026 04:45 pm
Operator : VOA100:BAD
Sample : L2600637-03,31,5.23,5,,Y
Misc : WG2164110,ICAL22914
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 10 15:38:15 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS0109A01.D•

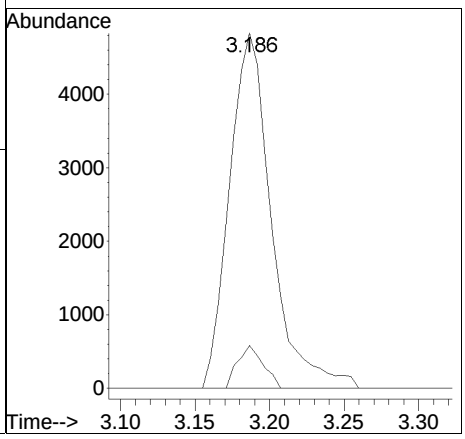


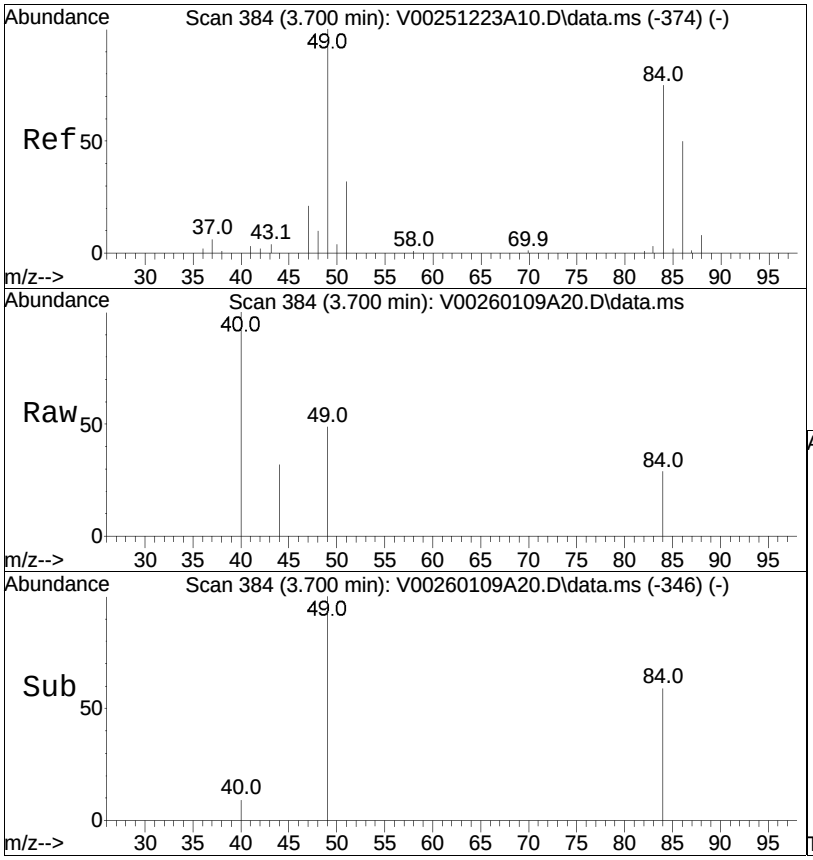


#11
Carbon disulfide
Concen: 1.65 ug/L
RT: 3.186 min Scan# 286
Delta R.T. 0.000 min
Lab File: V00260109A20.D
Acq: 09 Jan 2026 04:45 pm

Tgt Ion: 76 Resp: 9483

Ion	Ratio	Lower	Upper
76	100		
78	7.4	6.4	13.4

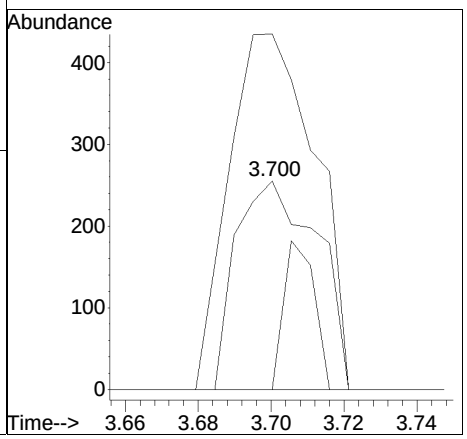


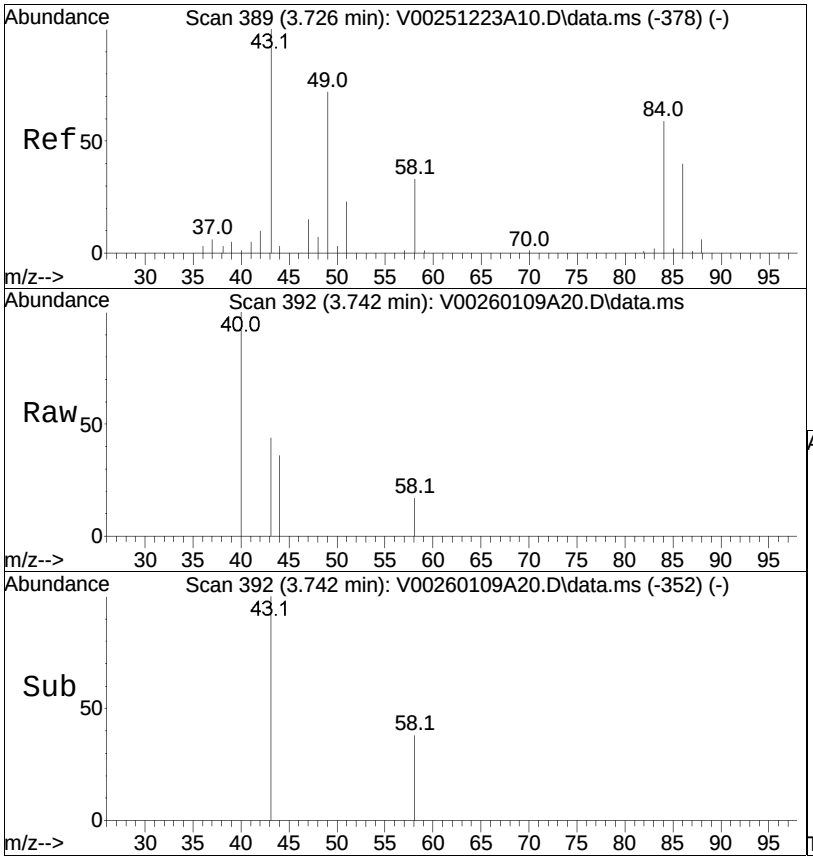


#15
Methylene chloride
Concen: 0.22 ug/L
RT: 3.700 min Scan# 384
Delta R.T. 0.000 min
Lab File: V00260109A20.D
Acq: 09 Jan 2026 04:45 pm

Tgt Ion: 84 Resp: 394

Ion	Ratio	Lower	Upper
84	100		
86	26.6	39.6	82.2#
49	181.2	72.7	150.9#

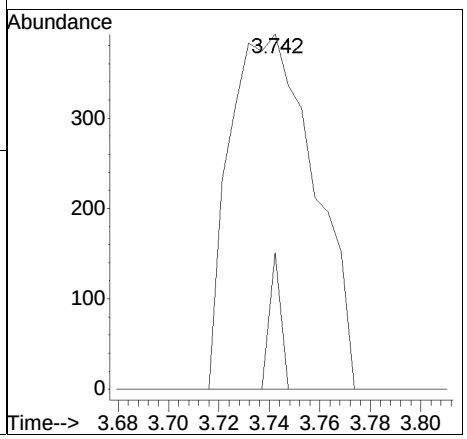




#17
Acetone
Concen: 1.16 ug/L
RT: 3.742 min Scan# 392
Delta R.T. 0.010 min
Lab File: V00260109A20.D
Acq: 09 Jan 2026 04:45 pm

Tgt Ion: 43 Resp: 913

Ion	Ratio	Lower	Upper
43	100		
58	5.1	27.2	40.8#



Manual Integration Report

Data Path	: K:\VOA100\2026\260109A\	QMethod	: V100_251223A_8260.m
Data File	: V00260109A20.D	Operator	: VOA100:BAD
Date Inj'd	: 1/9/2026 4:45 pm	Instrument	: VOA100
Sample	: L2600637-03,31,5.23,5,,Y	Quant Date	: 1/10/2026 3:32 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A20.D
Acq On : 09 Jan 2026 04:45 pm
Operator : VOA100:BAD
Sample : L2600637-03,31,5.23,5,,Y
Misc : WG2164110,ICAL22914
ALS Vial : 20 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V00260109A20.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.186	278	286	295	rBV	6633	12252	3.80%	0.749%
2	5.410	699	710	731	rBV	48481	110458	34.29%	6.754%
3	5.939	799	811	835	rBV	43414	100952	31.34%	6.173%
4	6.233	855	867	896	rBV	111085	251479	78.06%	15.377%
5	7.942	1183	1193	1218	rVB	145964	322150	100.00%	19.698%
6	9.793	1536	1546	1566	rVB	135081	300204	93.19%	18.356%
7	11.261	1812	1826	1841	rVB	119799	223488	69.37%	13.665%
8	12.461	2046	2055	2067	rBV	185495	298747	92.74%	18.267%
9	13.174	2183	2191	2202	rVB	8922	15705	4.88%	0.960%

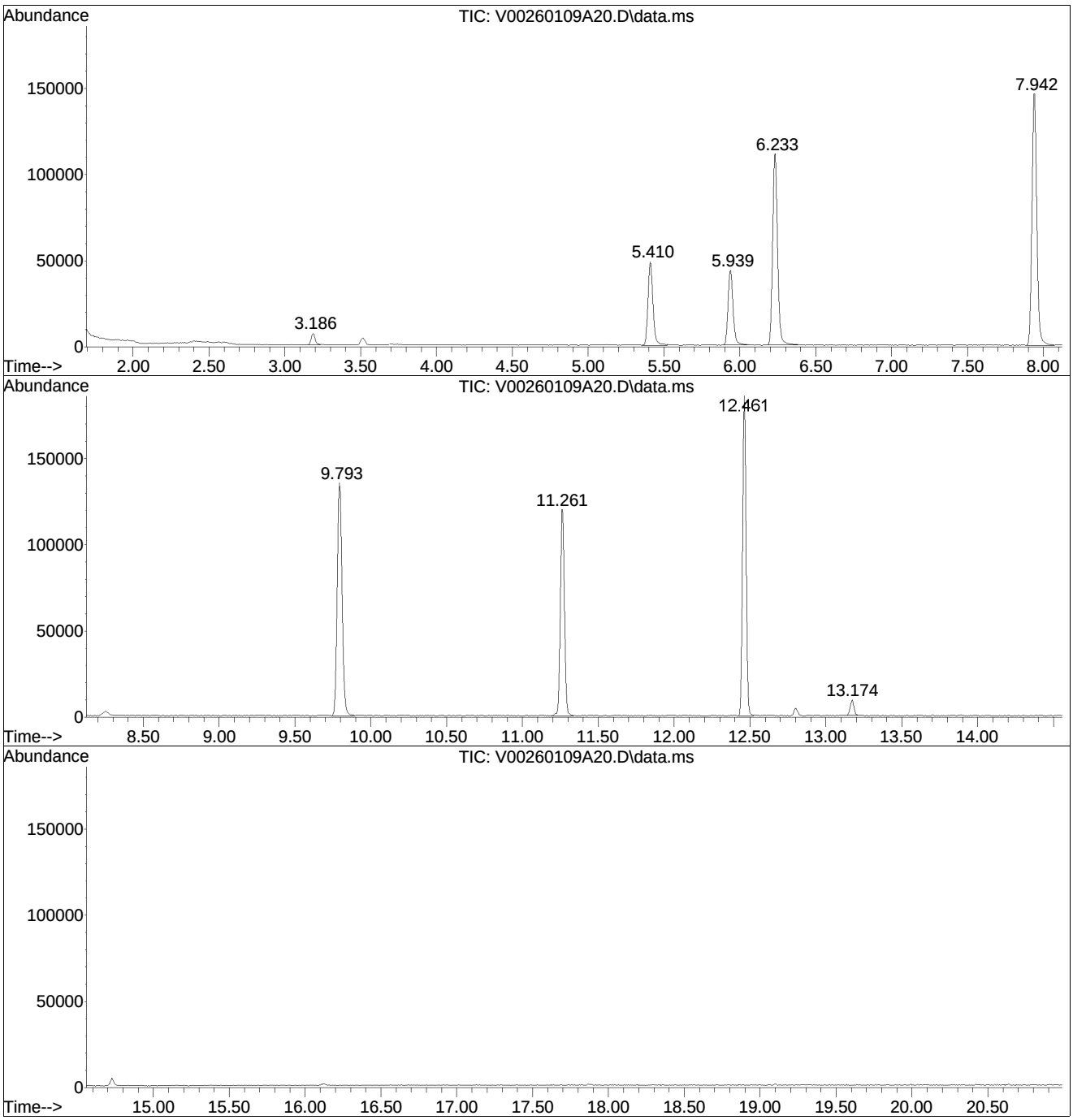
Sum of corrected areas: 1635435

LSC Report - Integrated Chromatogram

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A20.D
Acq On : 09 Jan 2026 04:45 pm
Operator : VOA100:BAD
Sample : L2600637-03,31,5.23,5,,Y
Misc : WG2164110,ICAL22914
ALS Vial : 20 Sample Multiplier: 1

Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A20.D
Acq On : 09 Jan 2026 04:45 pm
Operator : VOA100:BAD
Sample : L2600637-03,31,5.23,5,,Y
Misc : WG2164110,ICAL22914
ALS Vial : 20 Sample Multiplier: 1

Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A20.D
Acq On : 09 Jan 2026 04:45 pm
Operator : VOA100:BAD
Sample : L2600637-03,31,5.23,5,,Y
Misc : WG2164110,ICAL22914
ALS Vial : 20 Sample Multiplier: 1

Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A21.D
Acq On : 09 Jan 2026 05:11 pm
Operator : VOA100:BAD
Sample : L2600637-04,31,5.66,5,,Y
Misc : WG2164110,ICAL22914
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 10 15:38:40 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	115816	20.000	ug/L	0.00
Standard Area 1 = 151439			Recovery = 76.48%			
60) Chlorobenzene-d5	9.793	117	93976	20.000	ug/L	0.00
Standard Area 1 = 117500			Recovery = 79.98%			
80) 1,4-Dichlorobenzene-d4	12.461	152	50969	20.000	ug/L	0.00
Standard Area 1 = 67544			Recovery = 75.46%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	34028	21.150	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.75%			
44) 1,2-Dichloroethane-d4	5.939	65	36584	22.880	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 114.40%			
61) Toluene-d8	7.942	98	121609	20.137	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.69%			
84) 4-Bromofluorobenzene	11.261	95	45275	22.289	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 111.45%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	0.000		0	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.186	76	12488	2.130	ug/L	93
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.705	84	455	0.254	ug/L #	68
17) Acetone	3.732	43	9582	11.898	ug/L #	84
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D. d		
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Cyclohexane	0.000		0	N.D.		
33) Chloroform	0.000		0	N.D.		
35) Carbon tetrachloride	0.000		0	N.D.		
38) 1,1,1-Trichloroethane	0.000		0	N.D.		

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A21.D
Acq On : 09 Jan 2026 05:11 pm
Operator : VOA100:BAD
Sample : L2600637-04,31,5.66,5,,Y
Misc : WG2164110,ICAL22914
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 10 15:38:40 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2-Butanone	0.000		0	N.D. d		
42) Benzene	5.818	78	102	N.D.		
45) 1,2-Dichloroethane	0.000		0	N.D.		
48) Methyl cyclohexane	0.000		0	N.D.		
49) Trichloroethene	0.000		0	N.D.		
52) 1,2-Dichloropropane	0.000		0	N.D.		
55) Bromodichloromethane	0.000		0	N.D.		
59) cis-1,3-Dichloropropene	0.000		0	N.D.		
62) Toluene	0.000		0	N.D.		
63) 4-Methyl-2-pentanone	0.000		0	N.D.		
64) Tetrachloroethene	0.000		0	N.D.		
66) trans-1,3-Dichloropropene	0.000		0	N.D.		
69) 1,1,2-Trichloroethane	0.000		0	N.D.		
70) Chlorodibromomethane	0.000		0	N.D.		
72) 1,2-Dibromoethane	0.000		0	N.D.		
73) 2-Hexanone	0.000		0	N.D.		
74) Chlorobenzene	9.813	112	67374	14.178	ug/L	90
75) Ethylbenzene	0.000		0	N.D.		
77) p/m Xylene	0.000		0	N.D.		
78) o Xylene	0.000		0	N.D.		
79) Styrene	0.000		0	N.D.		
81) Bromoform	0.000		0	N.D.		
83) Isopropylbenzene	0.000		0	N.D.		
86) n-Propylbenzene	0.000		0	N.D.		
88) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
91) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
95) tert-Butylbenzene	0.000		0	N.D.		
98) 1,2,4-Trimethylbenzene	0.000		0	N.D.		
99) sec-Butylbenzene	0.000		0	N.D.		
100) p-Isopropyltoluene	0.000		0	N.D.		
101) 1,3-Dichlorobenzene	0.000		0	N.D.		
102) 1,4-Dichlorobenzene	0.000		0	N.D.		
104) n-Butylbenzene	0.000		0	N.D.		
105) 1,2-Dichlorobenzene	0.000		0	N.D.		
107) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
110) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
111) Naphthalene	14.600	128	109	N.D.		

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

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A21.D
Acq On : 09 Jan 2026 05:11 pm
Operator : VOA100:BAD
Sample : L2600637-04,31,5.66,5,,Y
Misc : WG2164110,ICAL22914
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 10 15:38:40 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

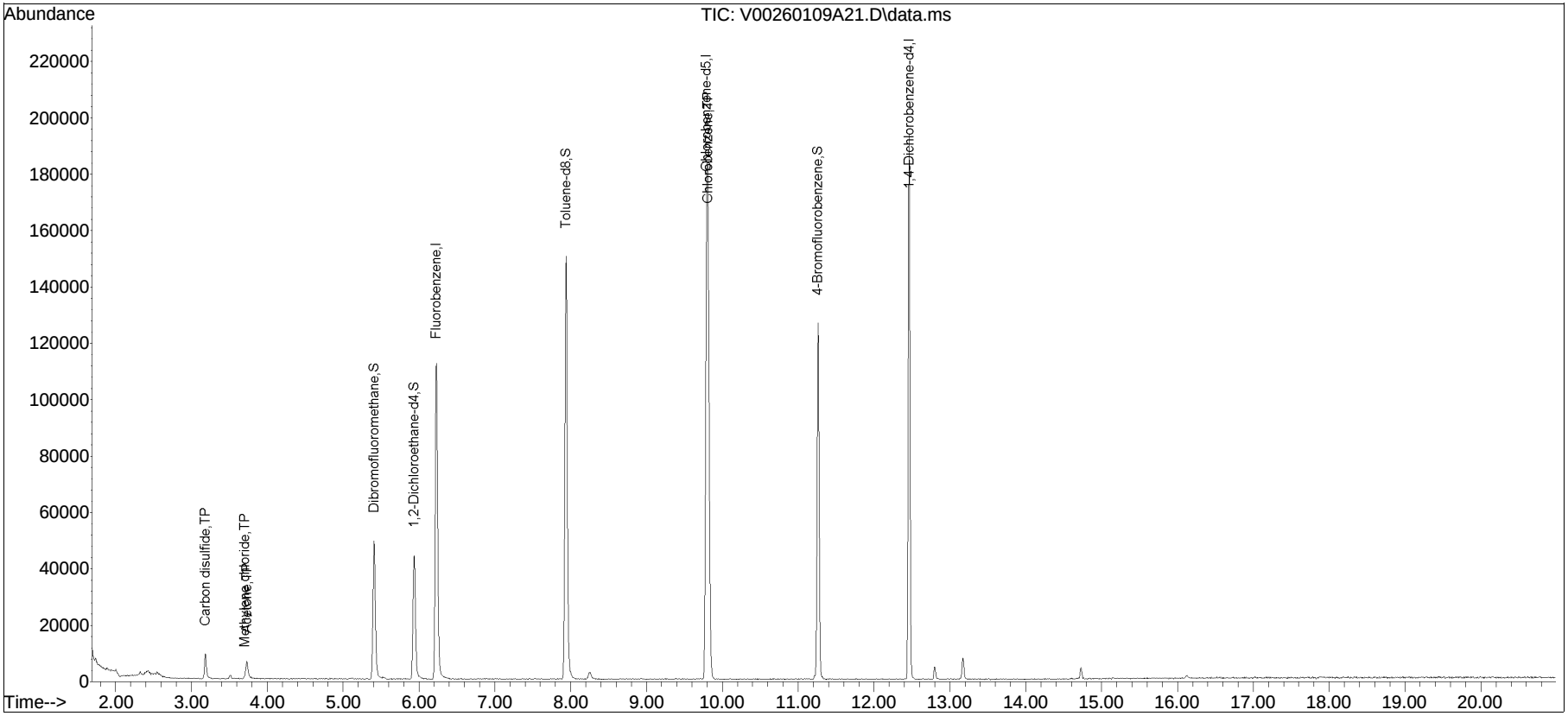
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

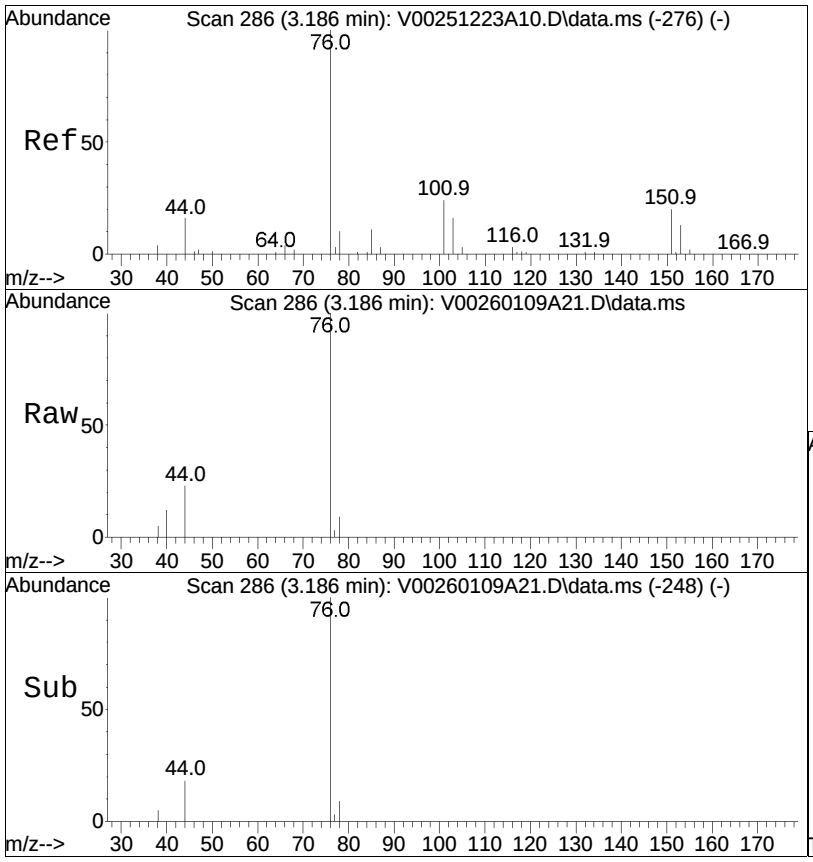
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A21.D
Acq On : 09 Jan 2026 05:11 pm
Operator : VOA100:BAD
Sample : L2600637-04,31,5.66,5,,Y
Misc : WG2164110,ICAL22914
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jan 10 15:38:40 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS0109A01.D•

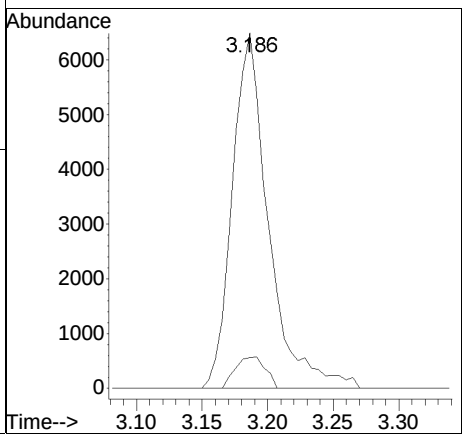


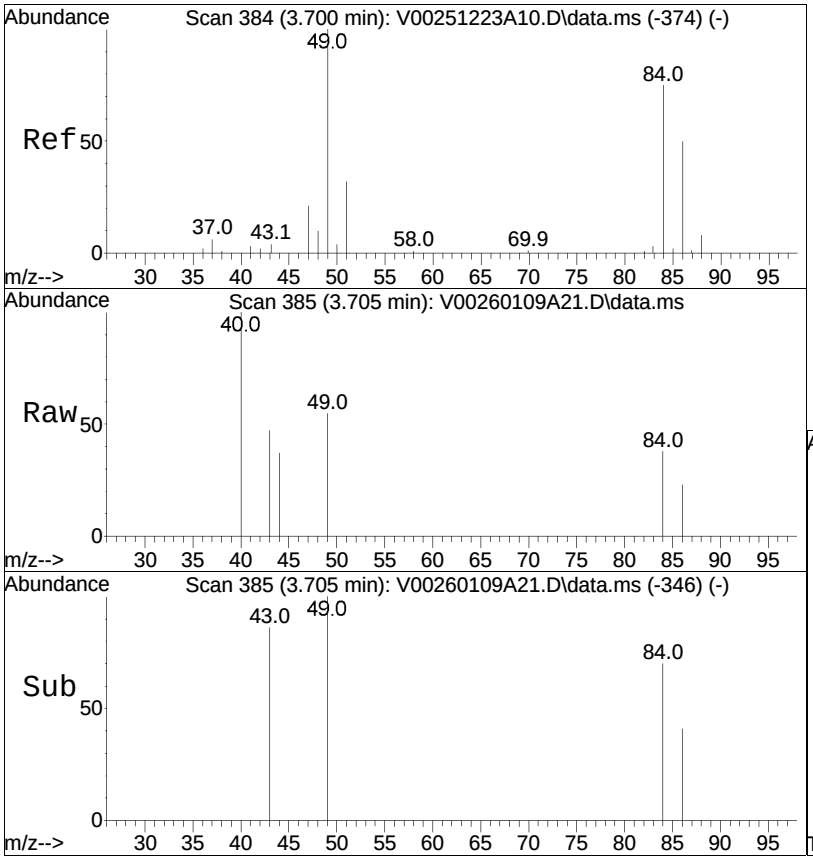


#11
Carbon disulfide
Concen: 2.13 ug/L
RT: 3.186 min Scan# 286
Delta R.T. 0.000 min
Lab File: V00260109A21.D
Acq: 09 Jan 2026 05:11 pm

Tgt Ion: 76 Resp: 12488

Ion	Ratio	Lower	Upper
76	100		
78	7.4	6.4	13.4

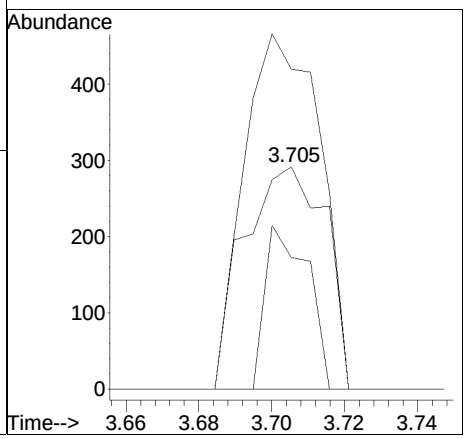


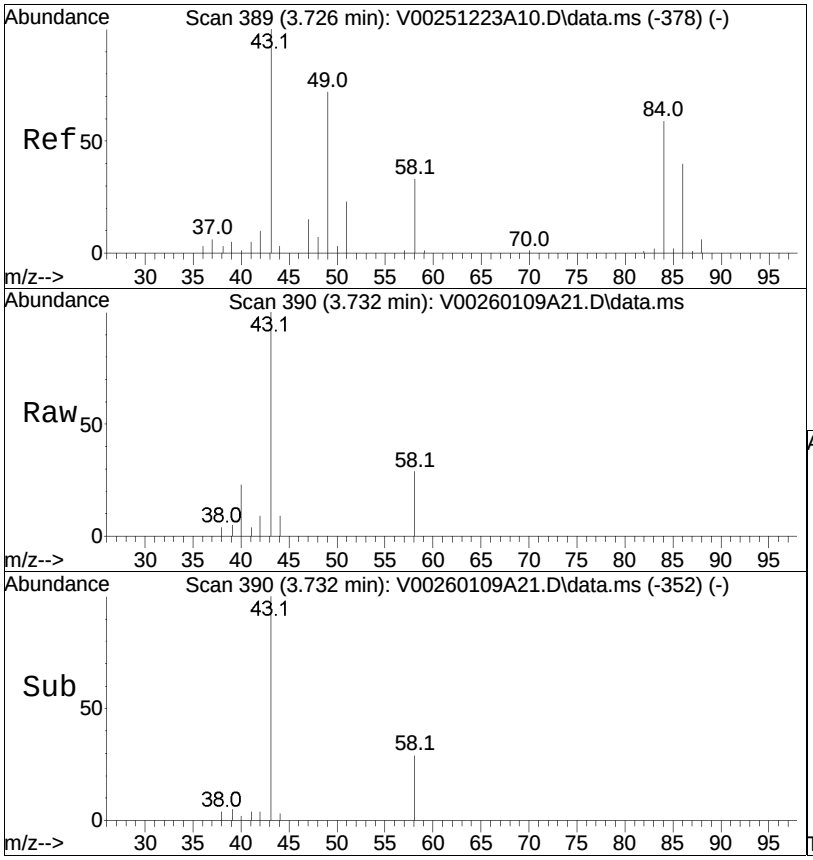


#15
Methylene chloride
Concen: 0.25 ug/L
RT: 3.705 min Scan# 385
Delta R.T. 0.005 min
Lab File: V00260109A21.D
Acq: 09 Jan 2026 05:11 pm

Tgt Ion: 84 Resp: 455

Ion	Ratio	Lower	Upper
84	100		
86	38.5	39.6	82.2#
49	148.1	72.7	150.9

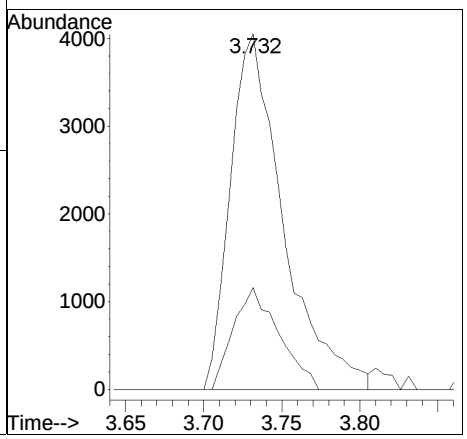


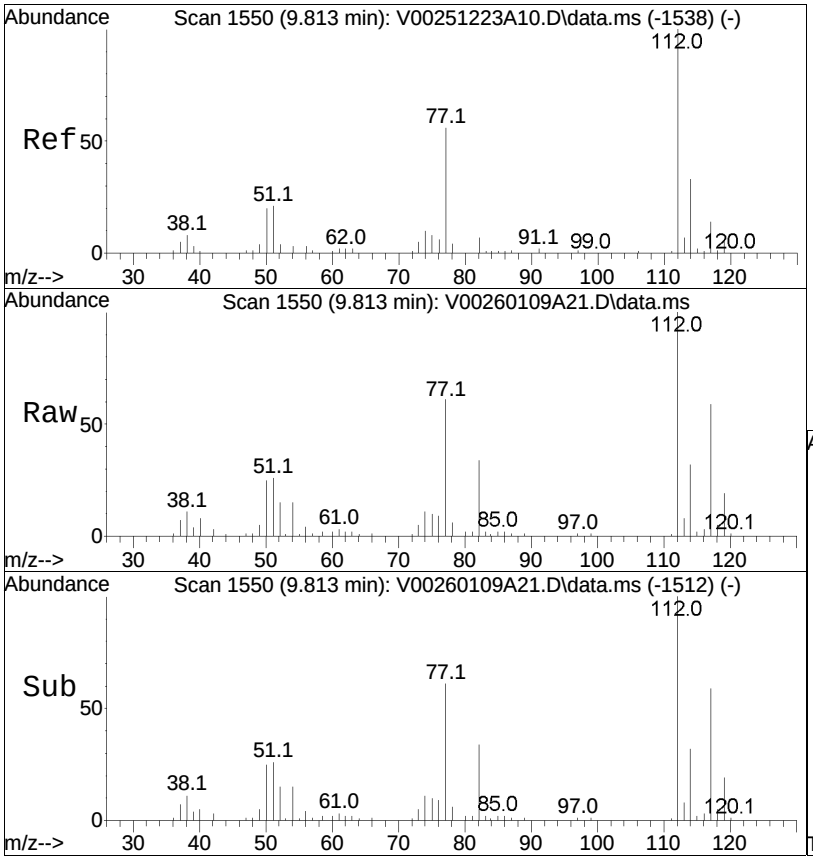


#17
Acetone
Concen: 11.90 ug/L
RT: 3.732 min Scan# 390
Delta R.T. -0.000 min
Lab File: V00260109A21.D
Acq: 09 Jan 2026 05:11 pm

Tgt Ion: 43 Resp: 9582

Ion	Ratio	Lower	Upper
43	100		
58	24.6	27.2	40.8#

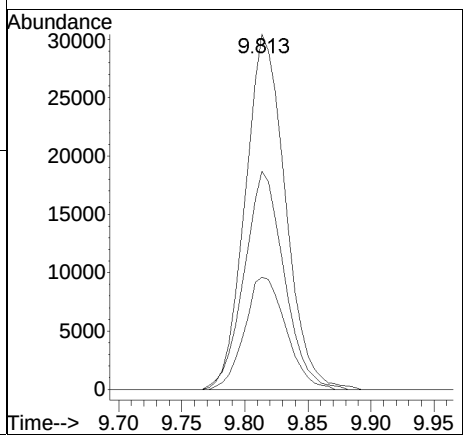




#74
Chlorobenzene
Concen: 14.18 ug/L
RT: 9.813 min Scan# 1550
Delta R.T. 0.000 min
Lab File: V00260109A21.D
Acq: 09 Jan 2026 05:11 pm

Tgt Ion:112 Resp: 67374

Ion	Ratio	Lower	Upper
112	100		
77	61.1	57.9	86.9
114	32.6	25.7	38.5



Manual Integration Report

Data Path	: K:\VOA100\2026\260109A\	QMethod	: V100_251223A_8260.m
Data File	: V00260109A21.D	Operator	: VOA100:BAD
Date Inj'd	: 1/9/2026 5:11 pm	Instrument	: VOA100
Sample	: L2600637-04,31,5.66,5,,Y	Quant Date	: 1/10/2026 3:32 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A21.D
Acq On : 09 Jan 2026 05:11 pm
Operator : VOA100:BAD
Sample : L2600637-04,31,5.66,5,,Y
Misc : WG2164110,ICAL22914
ALS Vial : 21 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V00260109A21.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.186	279	286	304	rVB	8886	17063	3.21%	0.900%
2	5.409	700	710	730	rBV2	49047	111582	20.97%	5.885%
3	5.939	800	811	828	rBV2	43754	100423	18.87%	5.297%
4	6.232	857	867	889	rBV	112109	254840	47.89%	13.441%
5	7.942	1181	1193	1218	rVB	150119	330236	62.06%	17.418%
6	9.798	1534	1547	1566	rBV2	183483	532101	100.00%	28.065%
7	11.261	1810	1826	1847	rVB	126562	234984	44.16%	12.394%
8	12.461	2047	2055	2071	rVB	193212	314717	59.15%	16.599%

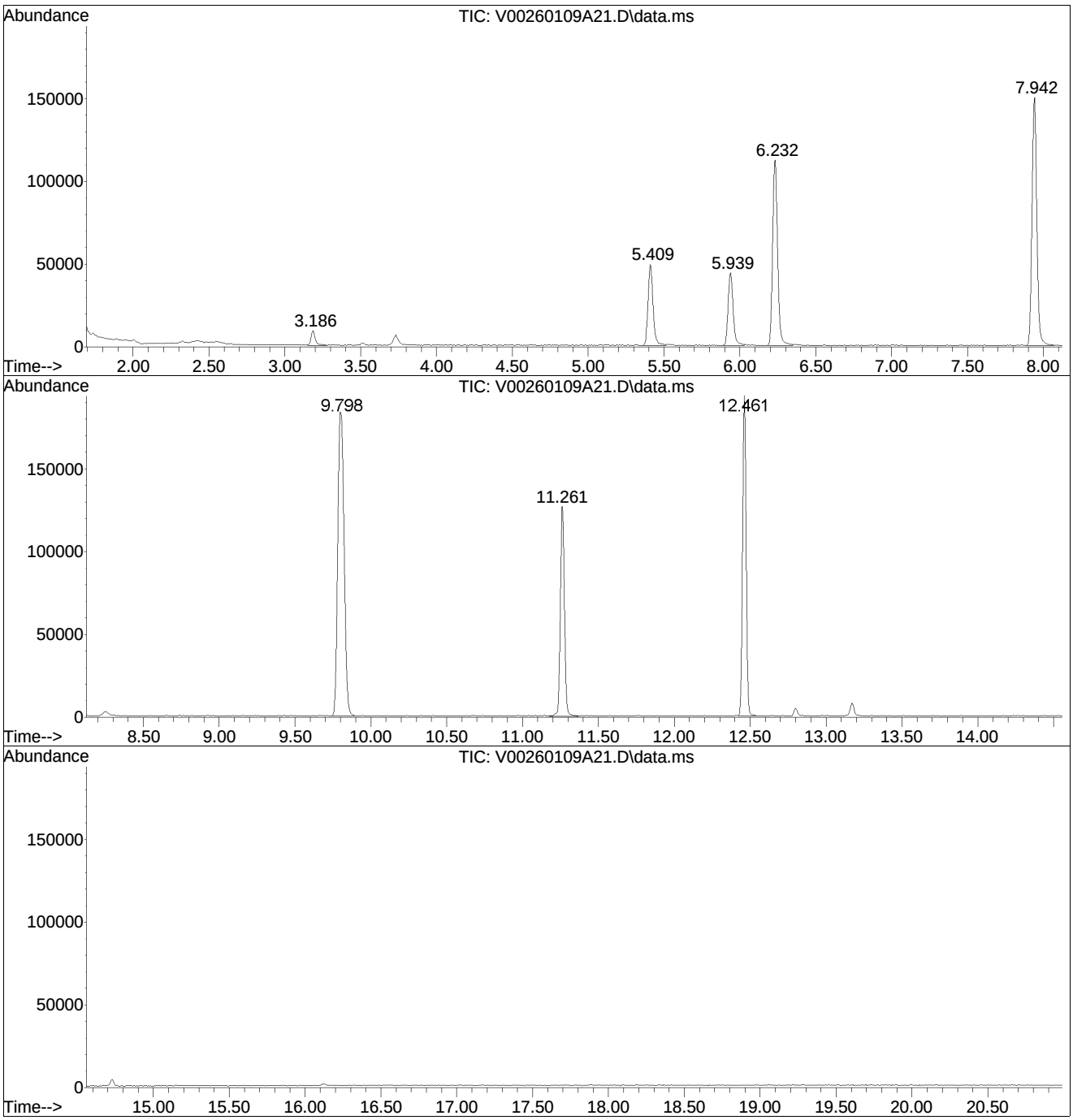
Sum of corrected areas: 1895946

LSC Report - Integrated Chromatogram

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A21.D
Acq On : 09 Jan 2026 05:11 pm
Operator : VOA100:BAD
Sample : L2600637-04,31,5.66,5,,Y
Misc : WG2164110,ICAL22914
ALS Vial : 21 Sample Multiplier: 1

Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A21.D
Acq On : 09 Jan 2026 05:11 pm
Operator : VOA100:BAD
Sample : L2600637-04,31,5.66,5,,Y
Misc : WG2164110,ICAL22914
ALS Vial : 21 Sample Multiplier: 1

Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A21.D
Acq On : 09 Jan 2026 05:11 pm
Operator : VOA100:BAD
Sample : L2600637-04,31,5.66,5,,Y
Misc : WG2164110,ICAL22914
ALS Vial : 21 Sample Multiplier: 1

Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A24.D
Acq On : 09 Jan 2026 06:29 pm
Operator : VOA100:BAD
Sample : L2600637-02D,31H,4.97,5,0.01,,X
Misc : WG2164111,ICAL22914
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 10 15:40:55 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-CB - CB

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.233	96	114543	20.000	ug/L	0.00
Standard Area 1 = 151439			Recovery = 75.64%			
60) Chlorobenzene-d5	9.793	117	95643	20.000	ug/L	0.00
Standard Area 1 = 117500			Recovery = 81.40%			
80) 1,4-Dichlorobenzene-d4	12.461	152	52116	20.000	ug/L	0.00
Standard Area 1 = 67544			Recovery = 77.16%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	32754	20.585	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.93%			
44) 1,2-Dichloroethane-d4	5.934	65	35861	22.677	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 113.39%			
61) Toluene-d8	7.942	98	120278	19.569	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.84%			
84) 4-Bromofluorobenzene	11.261	95	45195	21.760	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 108.80%			
Target Compounds						Qvalue
74) Chlorobenzene	9.814	112	467673	96.697	ug/L	90

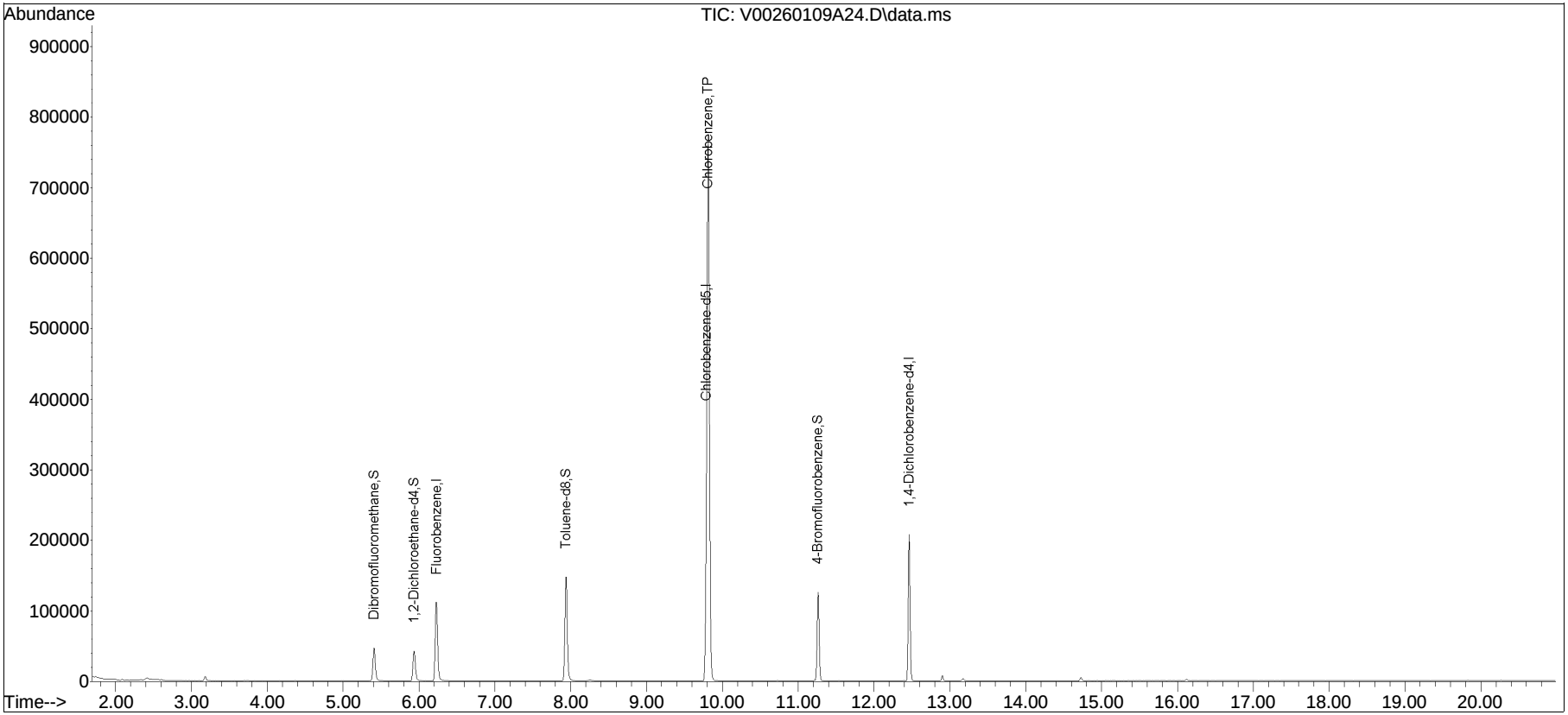
(#) = qualifier out of range (m) = manual integration (+) = signals summed

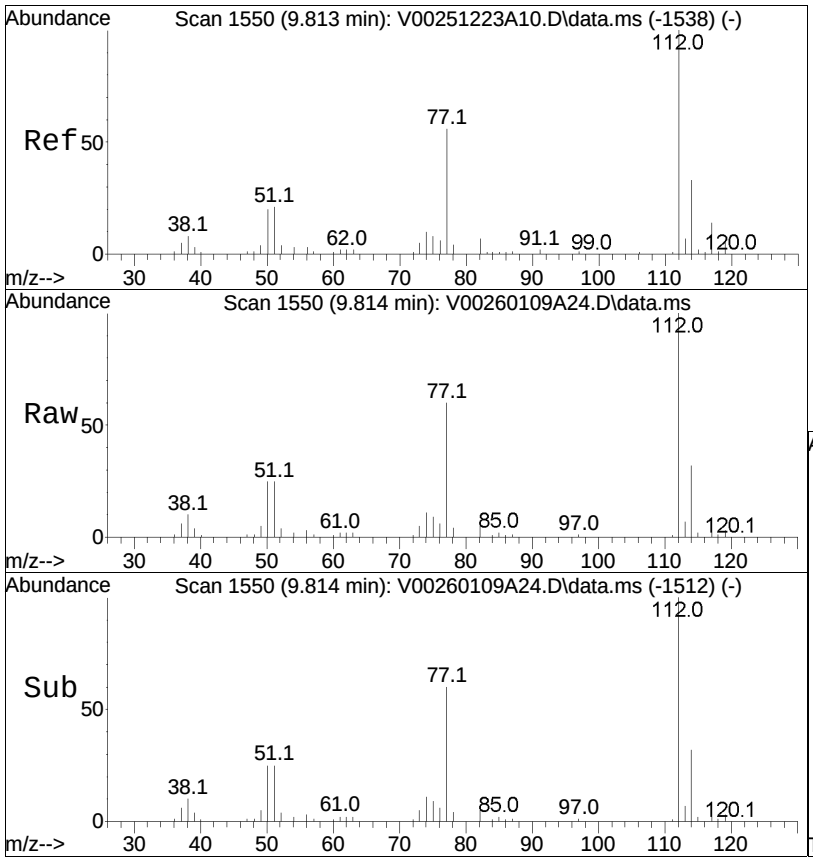
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A24.D
Acq On : 09 Jan 2026 06:29 pm
Operator : VOA100:BAD
Sample : L2600637-02D,31H,4.97,5,0.01,,X
Misc : WG2164111,ICAL22914
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jan 10 15:40:55 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-CB - CB0\2026\260109A\V00260109A01.D•

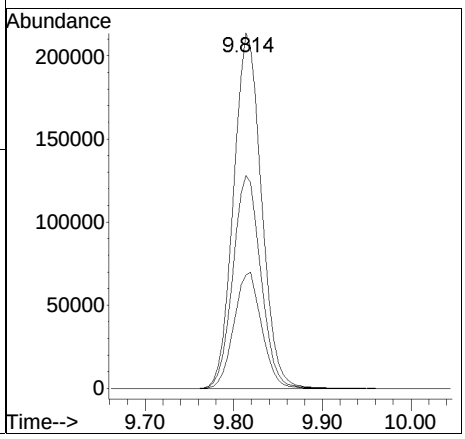




#74
Chlorobenzene
Concen: 96.70 ug/L
RT: 9.814 min Scan# 1550
Delta R.T. 0.000 min
Lab File: V00260109A24.D
Acq: 09 Jan 2026 06:29 pm

Tgt Ion:112 Resp: 467673

Ion	Ratio	Lower	Upper
112	100		
77	60.1	57.9	86.9
114	32.5	25.7	38.5



Manual Integration Report

Data Path	: K:\VOA100\2026\260109A\	QMethod	: V100_251223A_8260.m
Data File	: V00260109A24.D	Operator	: VOA100:BAD
Date Inj'd	: 1/9/2026 6:29 pm	Instrument	: VOA100
Sample	: L2600637-02D,31H,4.97,5,0.	Quant Date	: 1/10/2026 3:33 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B07.D
Acq On : 12 Jan 2026 1:11 pm
Operator : VOA104:AJK
Sample : l2600637-02d2,31h,4.97,5,0.04,,x
Misc : WG2164207,ICAL22828
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 12 13:48:23 2026
Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2026\260112B\V04260112B01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.377	96	366285	20.000 ug/L	0.00
Standard Area 1 = 342554			Recovery = 106.93%		
59) Chlorobenzene-d5	8.832	117	259232	20.000 ug/L	0.00
Standard Area 1 = 240588			Recovery = 107.75%		
79) 1,4-Dichlorobenzene-d4	11.674	152	134352	20.000 ug/L	0.00
Standard Area 1 = 123411			Recovery = 108.87%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.612	113	94378	17.964 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 89.82%		
43) 1,2-Dichloroethane-d4	5.110	65	79618	17.068 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 85.34%		
60) Toluene-d8	7.024	98	347207	20.837 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 104.18%		
83) 4-Bromofluorobenzene	10.400	95	117317	20.269 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.35%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.408	85	59	N.D.	
3) Chloromethane	1.571	50	52	N.D.	
4) Vinyl chloride	0.000		0	N.D.	
5) Bromomethane	1.885	94	860	0.227 ug/L #	53
6) Chloroethane	0.000		0	N.D.	
7) Trichlorofluoromethane	0.000		0	N.D.	
10) 1,1-Dichloroethene	0.000		0	N.D.	
11) Carbon disulfide	2.541	76	2064	0.123 ug/L #	85
12) Freon-113	0.000		0	N.D.	
15) Methylene chloride	3.023	84	2349	0.408 ug/L	82
17) Acetone	3.060	43	102	Below Cal #	46
18) trans-1,2-Dichloroethene	0.000		0	N.D.	
19) Methyl acetate	3.165	43	52	N.D.	
20) Methyl tert-butyl ether	0.000		0	N.D.	
23) 1,1-Dichloroethane	0.000		0	N.D.	
28) cis-1,2-Dichloroethene	4.208	96	282	N.D.	
31) Cyclohexane	0.000		0	N.D.	
32) Chloroform	4.449	83	1796	Below Cal #	77
34) Carbon tetrachloride	0.000		0	N.D.	
37) 1,1,1-Trichloroethane	0.000		0	N.D.	

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B07.D
Acq On : 12 Jan 2026 1:11 pm
Operator : VOA104:AJK
Sample : l2600637-02d2,31h,4.97,5,0.04,,x
Misc : WG2164207,ICAL22828
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 12 13:48:23 2026
Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2026\260112B\V04260112B01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 2-Butanone	0.000		0	N.D.		
41) Benzene	4.989	78	3053	0.170	ug/L #	69
44) 1,2-Dichloroethane	0.000		0	N.D.		
47) Methyl cyclohexane	0.000		0	N.D.		
48) Trichloroethene	5.561	95	771M1	0.161	ug/L	
51) 1,2-Dichloropropane	0.000		0	N.D.		
54) Bromodichloromethane	0.000		0	N.D.		
58) cis-1,3-Dichloropropene	0.000		0	N.D.		
61) Toluene	7.071	92	52	N.D.		
62) 4-Methyl-2-pentanone	0.000		0	N.D.		
63) Tetrachloroethene	0.000		0	N.D.		
65) trans-1,3-Dichloropropene	0.000		0	N.D.		
68) 1,1,2-Trichloroethane	0.000		0	N.D.		
69) Chlorodibromomethane	0.000		0	N.D.		
71) 1,2-Dibromoethane	0.000		0	N.D.		
72) 2-Hexanone	0.000		0	N.D.		
73) Chlorobenzene	8.853	112	4929270	396.908	ug/L	89
74) Ethylbenzene	8.906	91	1602	N.D.		
76) p/m Xylene	8.901	106	299	N.D.		
77) o Xylene	0.000		0	N.D.		
78) Styrene	0.000		0	N.D.		
80) Bromoform	0.000		0	N.D.		
82) Isopropylbenzene	0.000		0	N.D.		
85) n-Propylbenzene	10.631	91	47	N.D.		
87) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
90) 1,3,5-Trimethylbenzene	10.851	105	64	N.D.		
94) tert-Butylbenzene	0.000		0	N.D.		
97) 1,2,4-Trimethylbenzene	11.286	105	461	N.D.		
98) sec-Butylbenzene	11.381	105	320	N.D.		
99) p-Isopropyltoluene	11.538	119	118	N.D.		
100) 1,3-Dichlorobenzene	11.611	146	6451	0.678	ug/L	99
101) 1,4-Dichlorobenzene	11.690	146	66099	6.680	ug/L	97
103) n-Butylbenzene	0.000		0	N.D.		
104) 1,2-Dichlorobenzene	12.130	146	40267	4.405	ug/L	99
106) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
109) 1,2,4-Trichlorobenzene	0.000		0	N.D.	d	
110) Naphthalene	13.918	128	2031M1	0.187	ug/L	

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

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B07.D
Acq On : 12 Jan 2026 1:11 pm
Operator : VOA104:AJK
Sample : l2600637-02d2,31h,4.97,5,0.04,,x
Misc : WG2164207,ICAL22828
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 12 13:48:23 2026
Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2026\260112B\V04260112B01.D
Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS

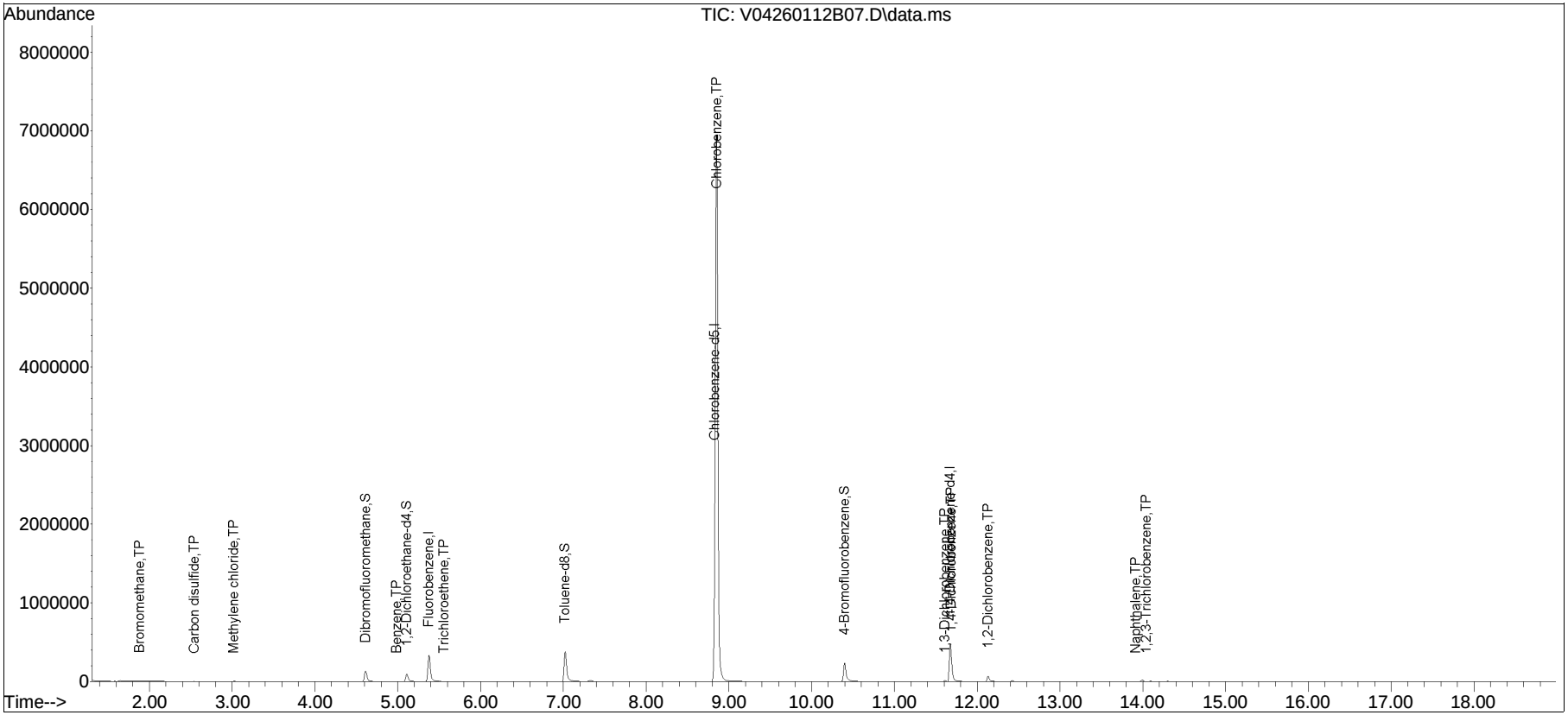
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

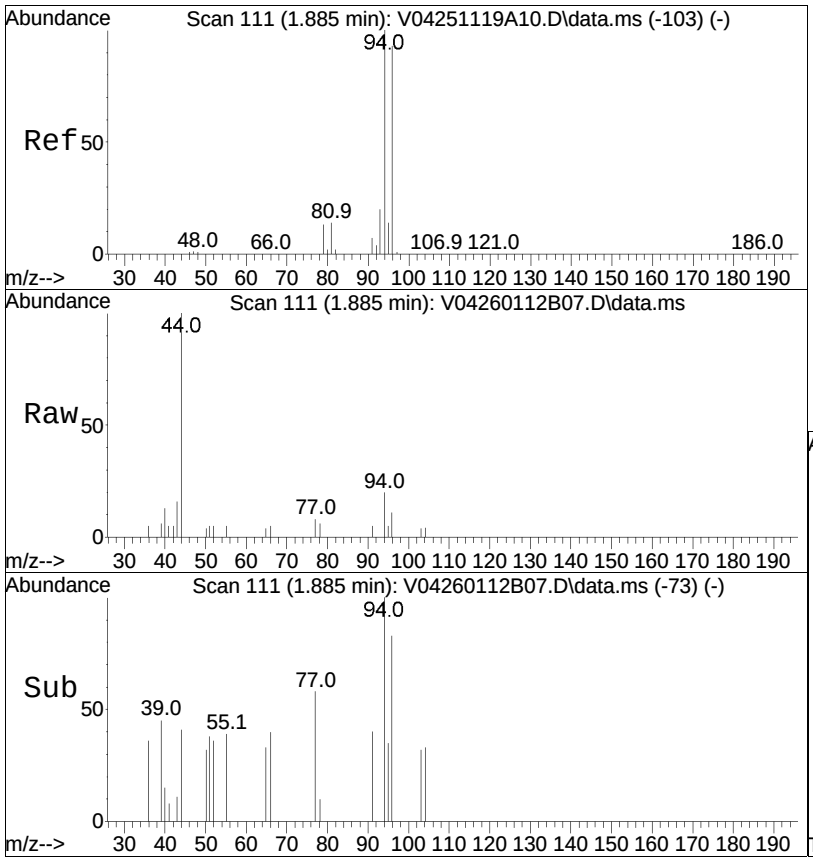
Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B07.D
Acq On : 12 Jan 2026 1:11 pm
Operator : VOA104:AJK
Sample : l2600637-02d2,31h,4.97,5,0.04,,x
Misc : WG2164207,ICAL22828
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 12 13:48:23 2026
Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Sub List : 8260-NY_R2 - NYSOM01.2 + NYSTARS0112B01.D•

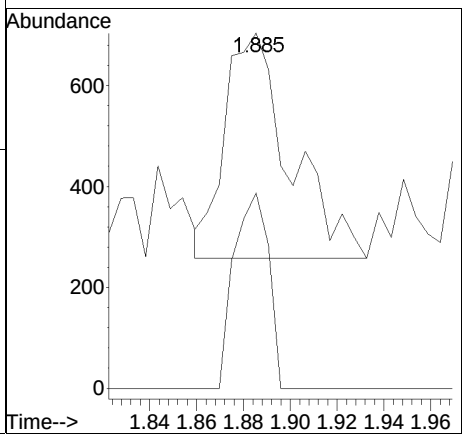


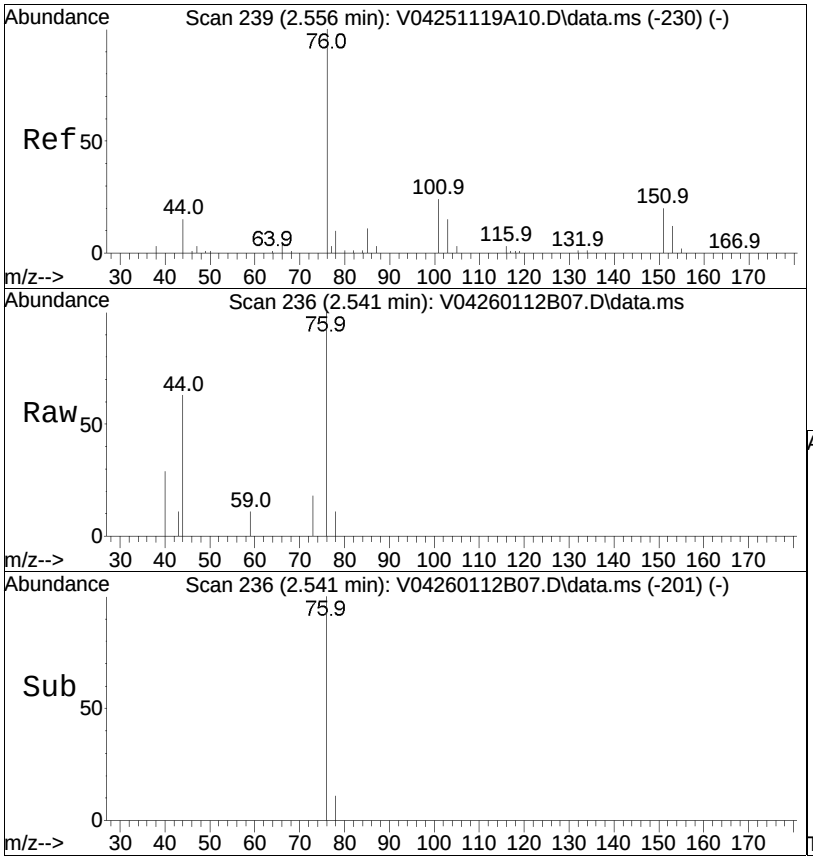


#5
Bromomethane
Concen: 0.23 ug/L
RT: 1.885 min Scan# 111
Delta R.T. 0.000 min
Lab File: V04260112B07.D
Acq: 12 Jan 2026 1:11 pm

Tgt Ion: 94 Resp: 860

Ion	Ratio	Lower	Upper
94	100		
96	46.2	71.0	111.0#

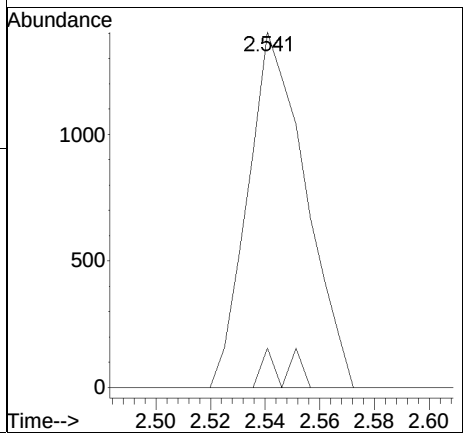


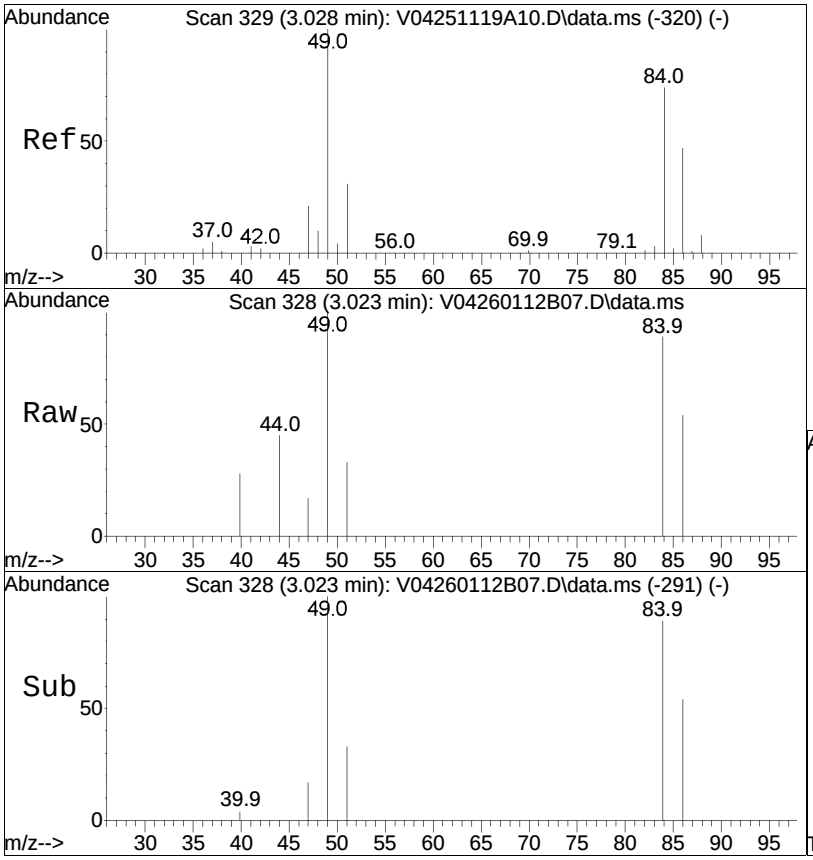


#11
Carbon disulfide
Concen: 0.12 ug/L
RT: 2.541 min Scan# 236
Delta R.T. -0.016 min
Lab File: V04260112B07.D
Acq: 12 Jan 2026 1:11 pm

Tgt Ion: 76 Resp: 2064

Ion	Ratio	Lower	Upper
76	100		
78	4.7	6.6	13.8#

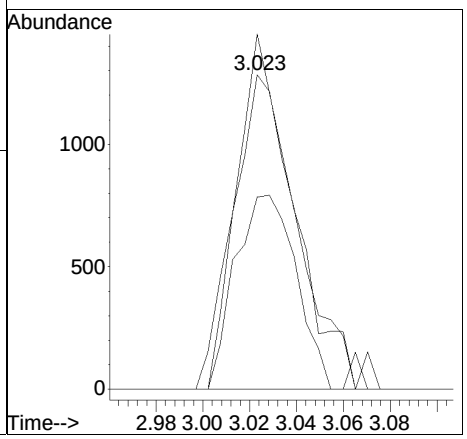


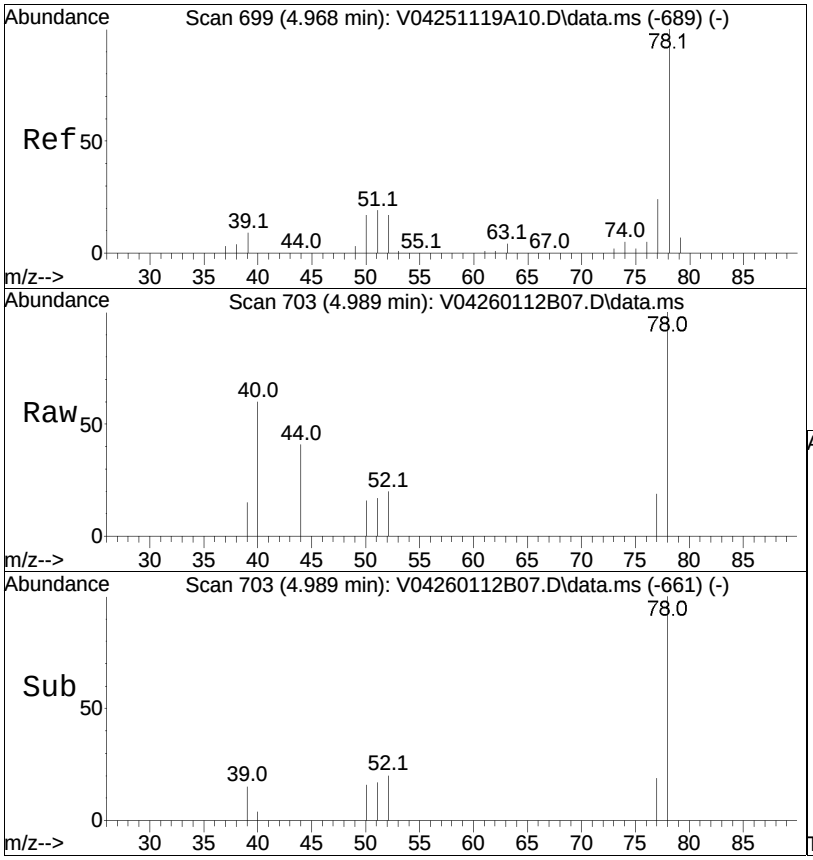


#15
Methylene chloride
Concen: 0.41 ug/L
RT: 3.023 min Scan# 328
Delta R.T. -0.005 min
Lab File: V04260112B07.D
Acq: 12 Jan 2026 1:11 pm

Tgt Ion: 84 Resp: 2349

Ion	Ratio	Lower	Upper
84	100		
86	61.0	41.3	85.9
49	109.6	91.0	189.0

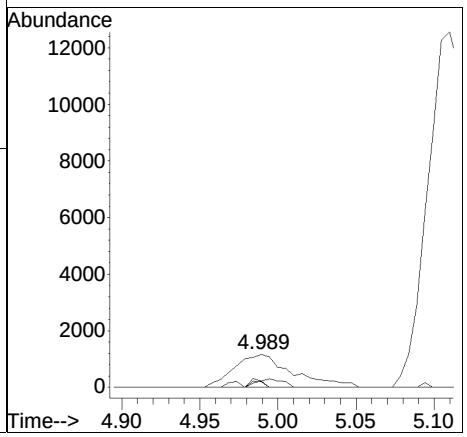


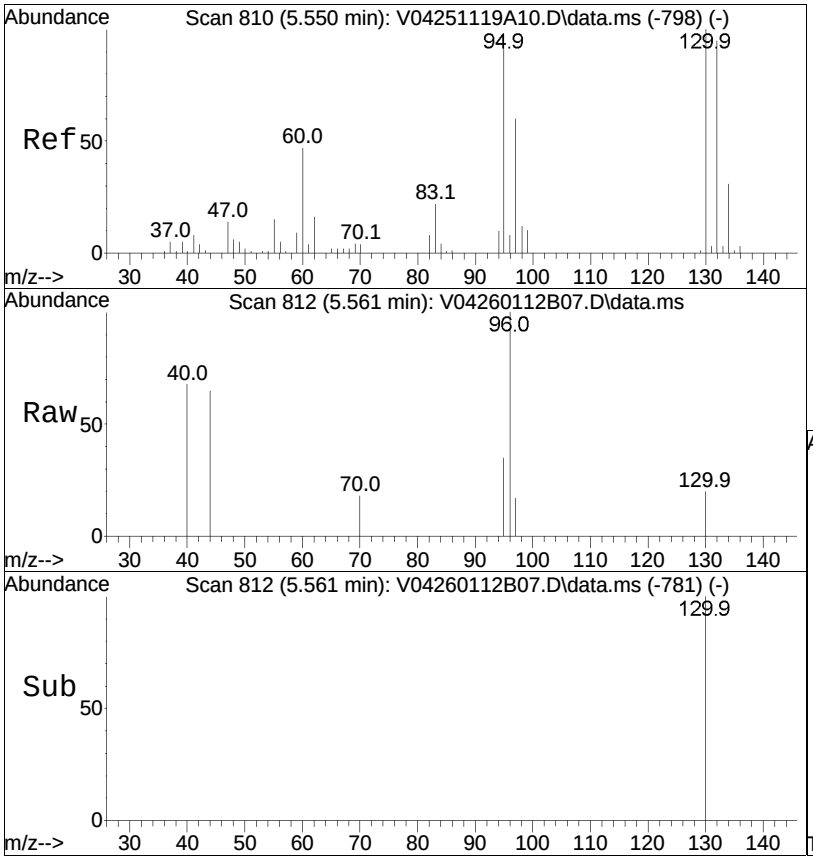


#41
Benzene
Concen: 0.17 ug/L
RT: 4.989 min Scan# 703
Delta R.T. 0.021 min
Lab File: V04260112B07.D
Acq: 12 Jan 2026 1:11 pm

Tgt Ion: 78 Resp: 3053

Ion	Ratio	Lower	Upper
78	100		
77	13.2	15.1	31.3#
51	0.0	12.2	25.4#
52	3.9	11.9	24.7#

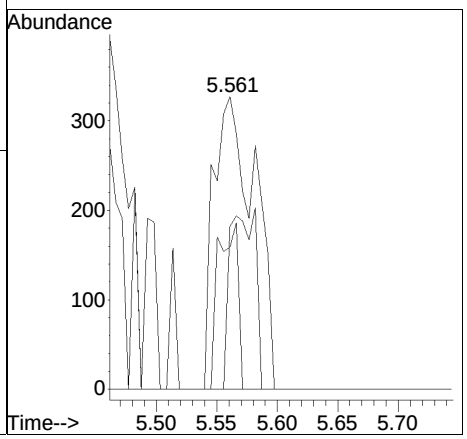


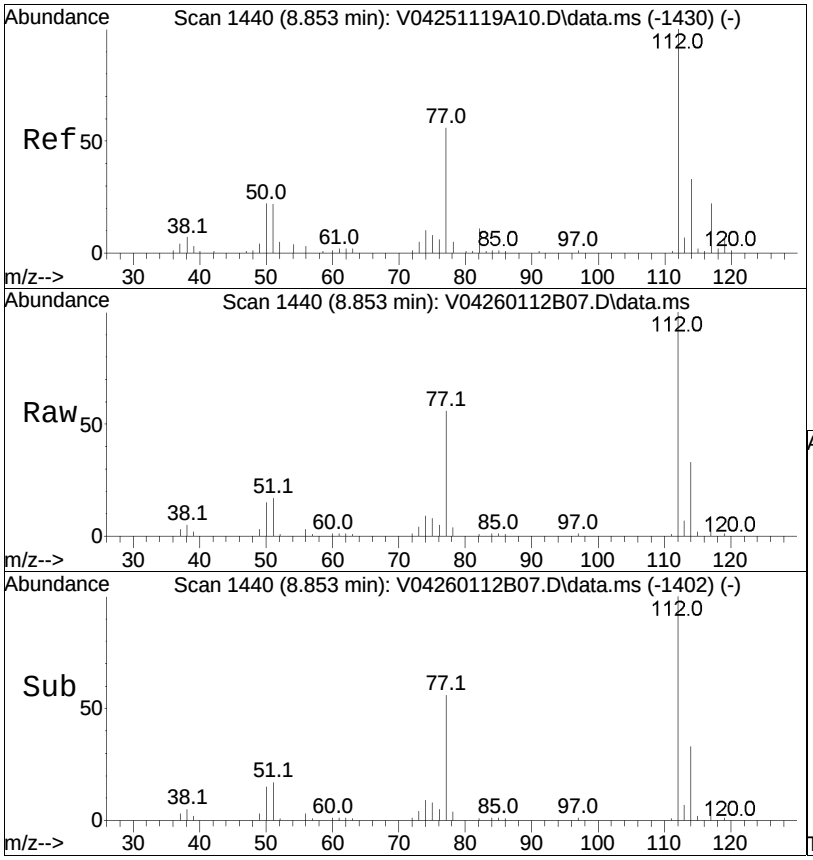


#48
Trichloroethene
Concen: 0.16 ug/L M1
RT: 5.561 min Scan# 812
Delta R.T. 0.011 min
Lab File: V04260112B07.D
Acq: 12 Jan 2026 1:11 pm

Tgt Ion: 95 Resp: 771

Ion	Ratio	Lower	Upper
95	100		
97	27.2	53.9	80.9#
130	38.1	83.1	124.7#

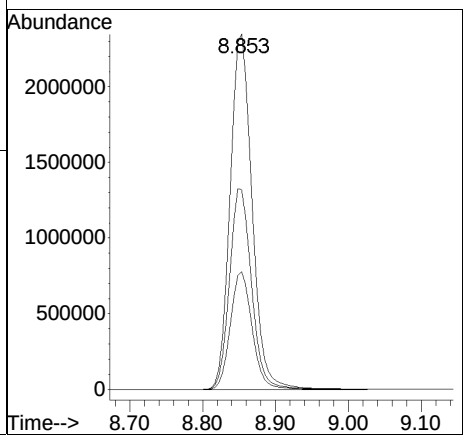


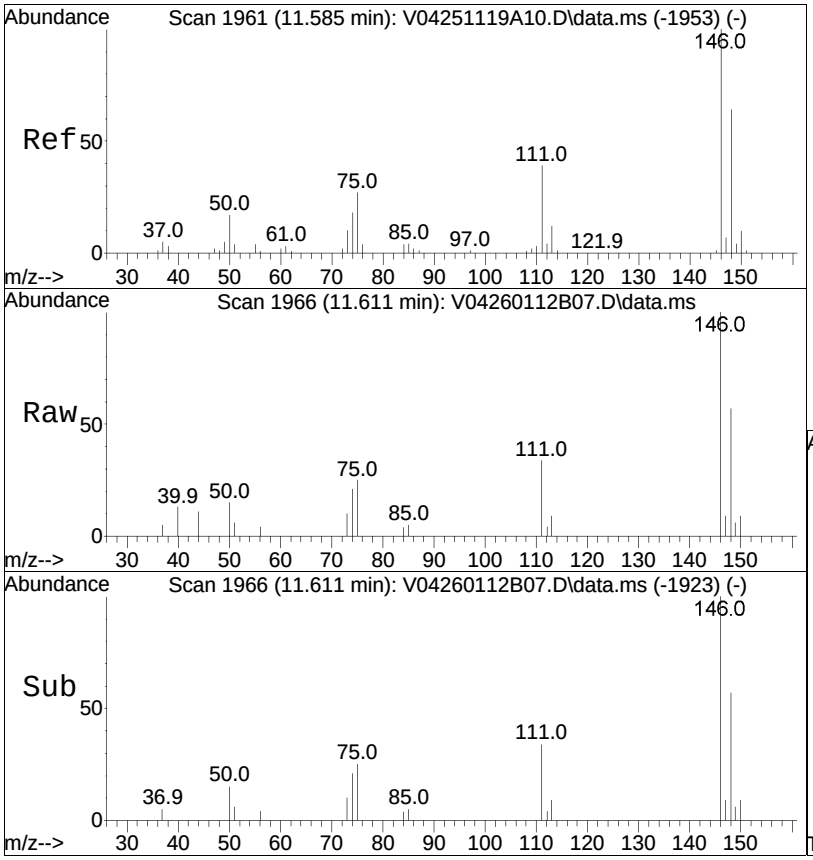


#73
Chlorobenzene
Concen: 396.91 ug/L
RT: 8.853 min Scan# 1440
Delta R.T. 0.000 min
Lab File: V04260112B07.D
Acq: 12 Jan 2026 1:11 pm

Tgt Ion:112 Resp: 4929270

Ion	Ratio	Lower	Upper
112	100		
77	56.6	55.3	82.9
114	32.8	25.5	38.3

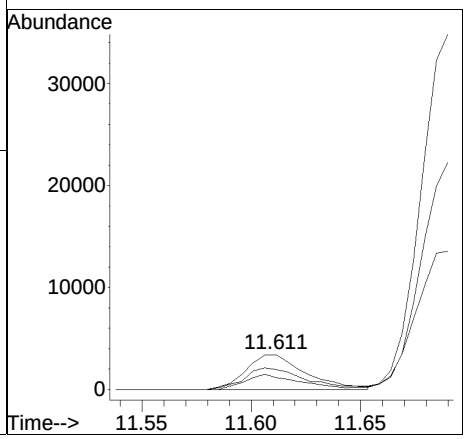


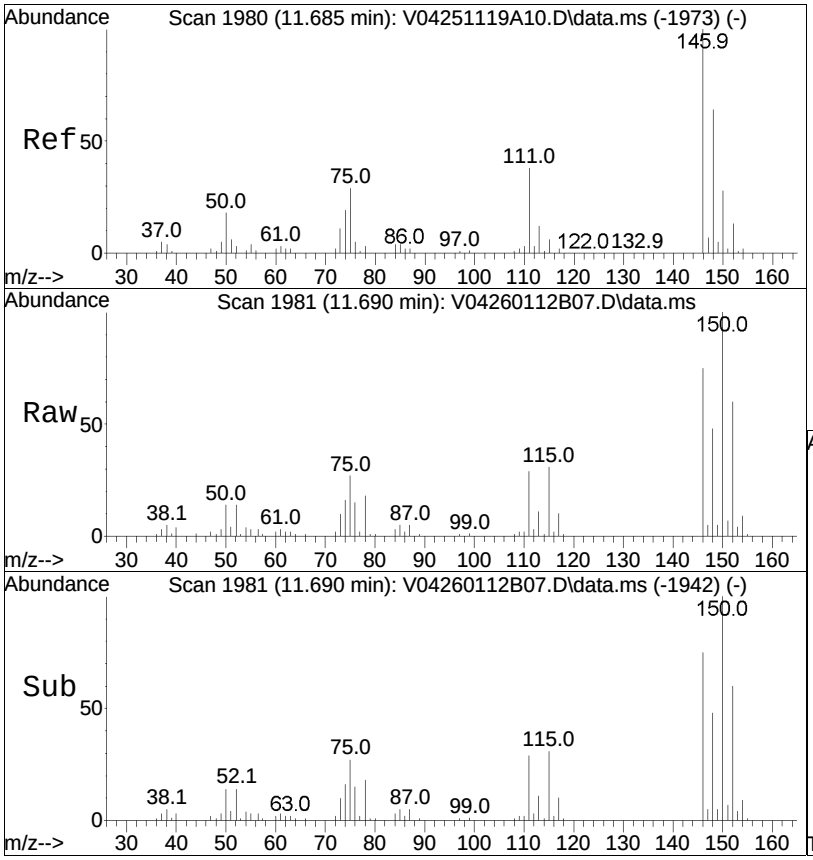


#100
1,3-Dichlorobenzene
Concen: 0.68 ug/L
RT: 11.611 min Scan# 1966
Delta R.T. 0.026 min
Lab File: V04260112B07.D
Acq: 12 Jan 2026 1:11 pm

Tgt Ion:146 Resp: 6451

Ion	Ratio	Lower	Upper
146	100		
111	39.4	24.8	51.6
148	63.8	41.6	86.4

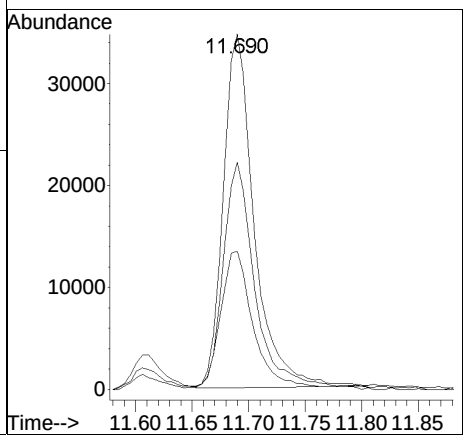


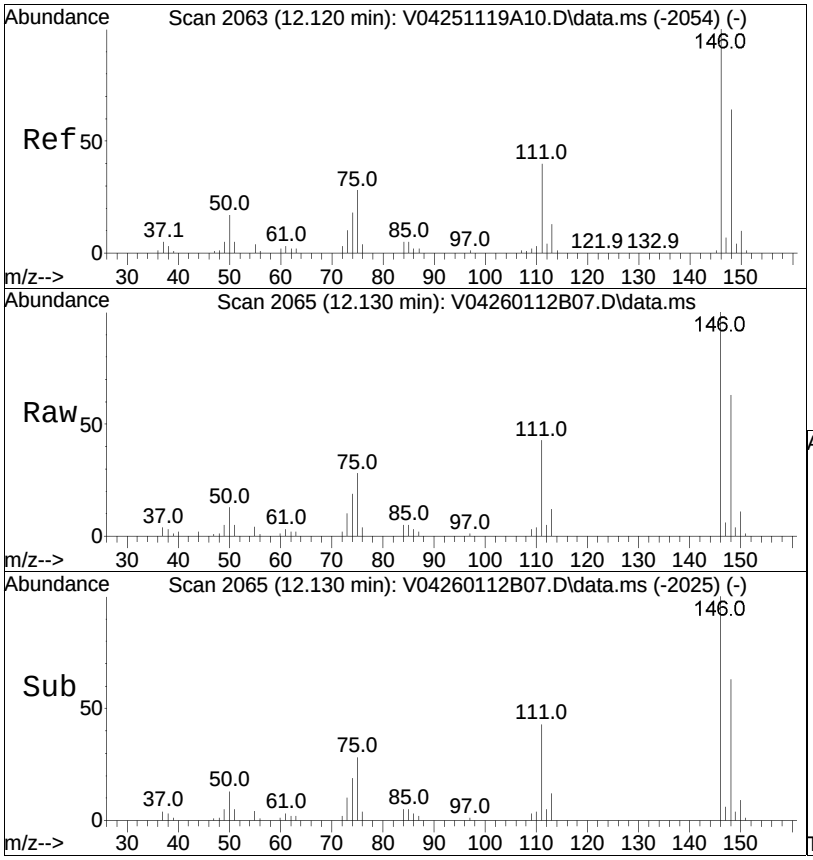


#101
1,4-Dichlorobenzene
Concen: 6.68 ug/L
RT: 11.690 min Scan# 1981
Delta R.T. 0.005 min
Lab File: V04260112B07.D
Acq: 12 Jan 2026 1:11 pm

Tgt Ion:146 Resp: 66099

Ion	Ratio	Lower	Upper
146	100		
111	42.4	30.2	45.2
148	64.0	50.6	76.0

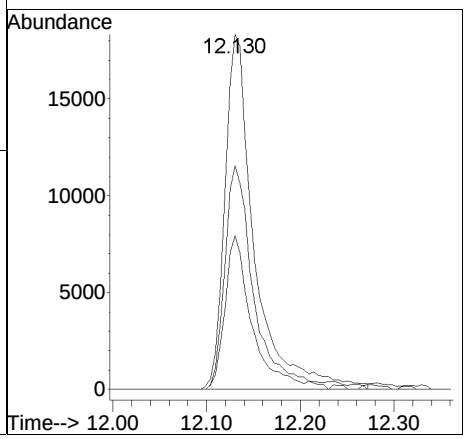


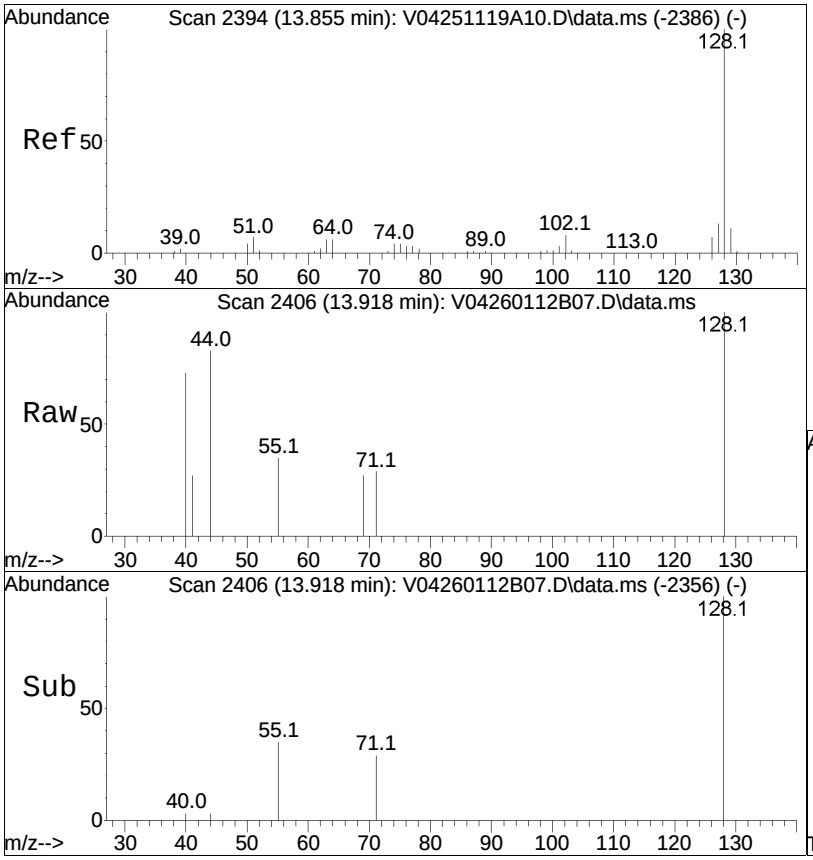


#104
1,2-Dichlorobenzene
Concen: 4.40 ug/L
RT: 12.130 min Scan# 2065
Delta R.T. 0.011 min
Lab File: V04260112B07.D
Acq: 12 Jan 2026 1:11 pm

Tgt Ion:146 Resp: 40267

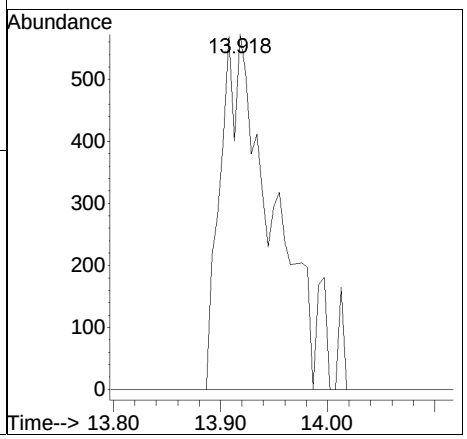
Ion	Ratio	Lower	Upper
146	100		
111	39.2	25.5	52.9
148	61.7	40.8	84.8





#110
Naphthalene
Concen: 0.19 ug/L M1
RT: 13.918 min Scan# 2406
Delta R.T. 0.063 min
Lab File: V04260112B07.D
Acq: 12 Jan 2026 1:11 pm

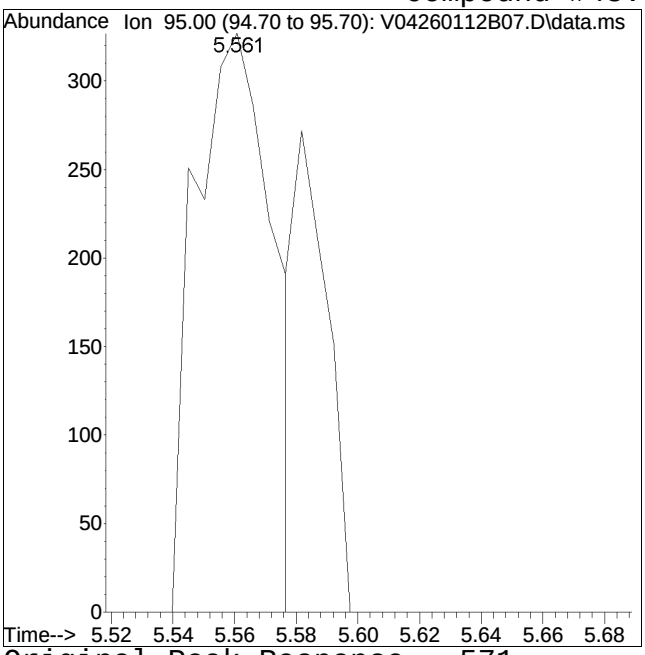
Tgt Ion:128 Resp: 2031

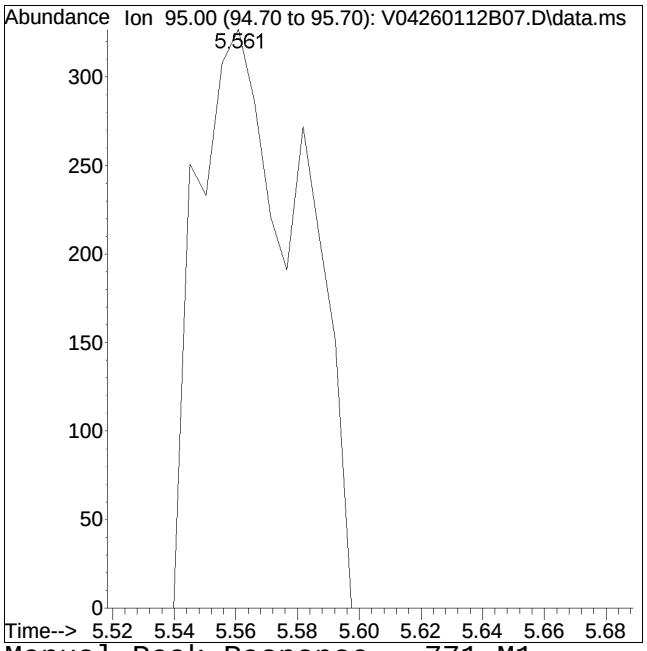


Manual Integration Report

Data Path : K:\VOA104\2026\260112B\ QMethod : V104_251119A_8260.m
Data File : V04260112B07.D Operator : VOA104:AJK
Date Inj'd : 1/12/2026 1:11 pm Instrument : VOA104
Sample : l2600637-02d2,31h,4.97,5,0Quant Date : 1/12/2026 1:46 pm

Compound #48: Trichloroethene



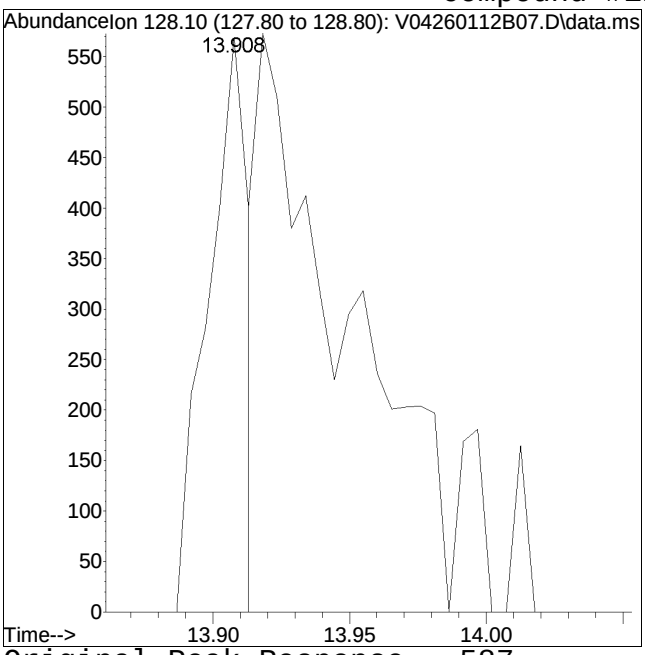


Original Peak Response = 571 Manual Peak Response = 771 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

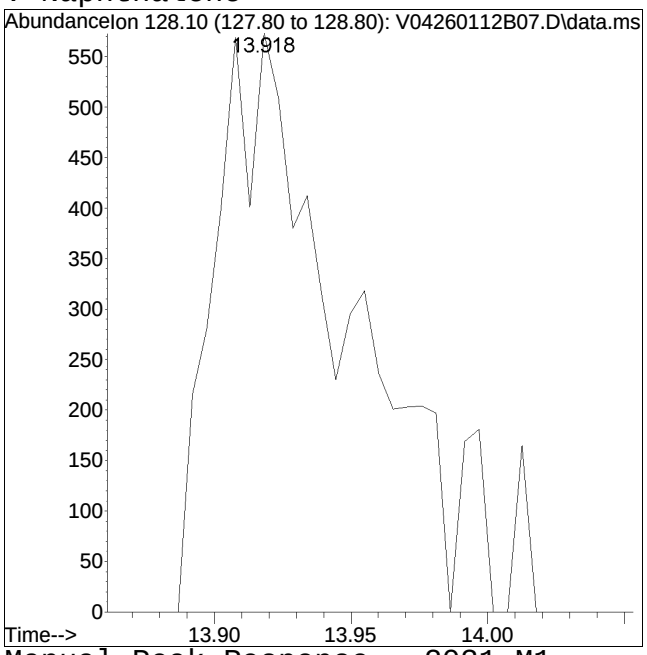
Manual Integration Report

Data Path : K:\VOA104\2026\260112B\ QMethod : V104_251119A_8260.m
Data File : V04260112B07.D Operator : VOA104:AJK
Date Inj'd : 1/12/2026 1:11 pm Instrument : VOA104
Sample : l2600637-02d2,31h,4.97,5,0Quant Date : 1/12/2026 1:46 pm

Compound #110: Naphthalene



Original Peak Response = 587



Manual Peak Response = 2031 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

LSC Area Percent Report

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B07.D
Acq On : 12 Jan 2026 1:11 pm
Operator : VOA104:AJK
Sample : l2600637-02d2,31h,4.97,5,0.04,,x
Misc : WG2164207,ICAL22828
ALS Vial : 7 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V04260112B07.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.377	767	777	802	rBV	336820	728829	4.80%	3.974%
2	7.024	1081	1091	1133	rBV	382715	873451	5.75%	4.762%
3	8.848	1426	1439	1479	rBV	6953050	15178190	100.00%	82.759%
4	10.400	1723	1735	1772	rBV	234822	567402	3.74%	3.094%
5	11.674	1971	1978	2008	rBV2	475472	992419	6.54%	5.411%

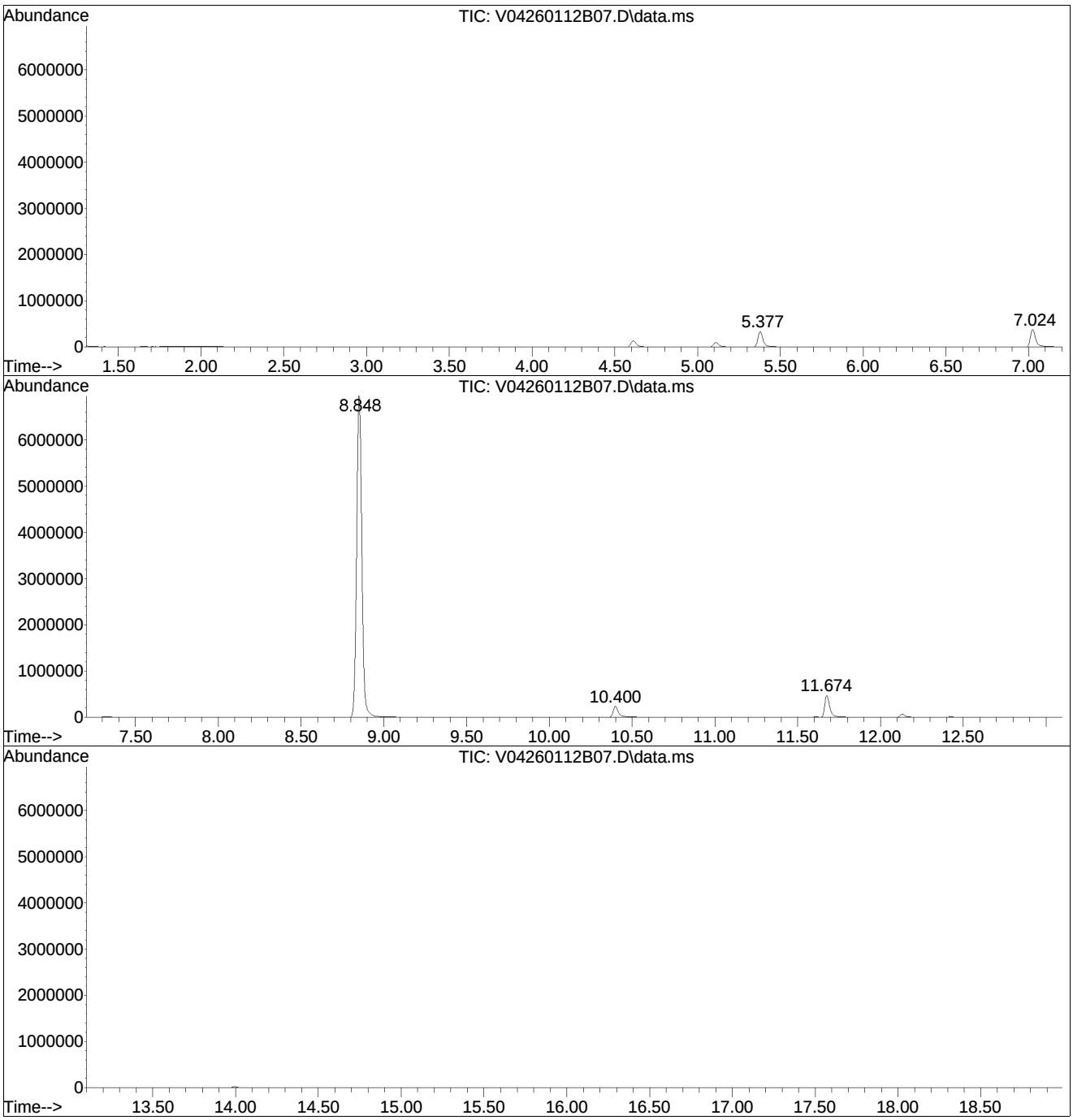
Sum of corrected areas: 18340291

LSC Report - Integrated Chromatogram

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B07.D
Acq On : 12 Jan 2026 1:11 pm
Operator : VOA104:AJK
Sample : l2600637-02d2,31h,4.97,5,0.04,,x
Misc : WG2164207,ICAL22828
ALS Vial : 7 Sample Multiplier: 1

Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B07.D
Acq On : 12 Jan 2026 1:11 pm
Operator : VOA104:AJK
Sample : l2600637-02d2,31h,4.97,5,0.04,,x
Misc : WG2164207,ICAL22828
ALS Vial : 7 Sample Multiplier: 1

Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B07.D
Acq On : 12 Jan 2026 1:11 pm
Operator : VOA104:AJK
Sample : l2600637-02d2,31h,4.97,5,0.04,,x
Misc : WG2164207,ICAL22828
ALS Vial : 7 Sample Multiplier: 1

Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Volatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Volatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2600637**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E**
Instrument ID	**: VOA104**	**Ical Ref**	**: ICAL22828**
Calibration dates	**: 11/19/25 18:33 11/19/25 23:21**		

Calibration Files

0.5 =V04251119A02.D 1.0 =V04251119A04.D 2.0 =V04251119A06.D 4.0 =V04251119A08.D 20 =V04251119A09.D

40 =V04251119A10.D 100 =V04251119A11.D 200 =V04251119A12.D 300 =V04251119A13.D

		Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------										
2)	TP	Dichlorodifluo		0.290	0.365	0.399	0.346	0.354	0.367	0.394	0.400	0.365	10.01
3)	TP	Chloromethane		0.359	0.408	0.403	0.353	0.366	0.360	0.379	0.373	0.375	5.47
4)	TP	Vinyl chloride		0.257	0.385	0.410	0.357	0.373	0.375	0.396	0.387	0.368	12.92
5)	TP	Bromomethane		0.150	0.184	0.212	0.191	0.210	0.221	0.241	0.243	0.206	14.99
6)	TP	Chloroethane		0.218	0.263	0.253	0.220	0.229	0.212	0.181	0.128	0.213	20.00
7)	TP	Trichlorofluor		0.264	0.436	0.502	0.432	0.450	0.453	0.471	0.474	0.435	16.73
8)	TP	Ethyl ether		0.132	0.135	0.130	0.129	0.137	0.138	0.144	0.143	0.136	3.95
10)	TP	1,1-Dichloroet		0.197	0.263	0.279	0.242	0.251	0.251	0.259	0.256	0.250	9.57
11)	TP	Carbon disulfide		0.853	1.033	1.037	0.872	0.895	0.877	0.892	0.868	0.916	8.18
12)	TP	Freon-113		0.145	0.246	0.281	0.252	0.262	0.258	0.270	0.265	0.247	17.21
14)	TP	Acrolein				0.031	0.023	0.025	0.026	0.026	0.027	0.026	10.77
15)	TP	Methylene chlo		0.403	0.359	0.322	0.281	0.290	0.285	0.290	0.284	0.314	14.19
17)	TP	Acetone		0.298	0.184	0.143	0.091	0.098	0.089	0.100	0.092	*L	0.9971
18)	TP	trans-1,2-Dich		0.247	0.304	0.305	0.271	0.277	0.276	0.282	0.275	0.280	6.70
19)	TP	Methyl acetate				0.089	0.095	0.106	0.108	0.115	0.115	0.105	10.20
20)	TP	Methyl tert butyl ether		0.680	0.714	0.689	0.669	0.711	0.691	0.702	0.691	0.693	2.18
21)	TP	tert-Butyl alc		0.025	0.024	0.026	0.021	0.024	0.022	0.022	0.023	0.023	6.99
22)	TP	Diisopropyl ether		0.796	0.915	0.879	0.848	0.895	0.877	0.893	0.865	0.871	4.16
23)	TP	1,1-Dichloroet		0.442	0.571	0.579	0.520	0.532	0.515	0.524	0.508	0.524	8.03
24)	TP	Halothane		0.170	0.230	0.242	0.214	0.223	0.216	0.222	0.219	0.217	9.61
25)	TP	Acrylonitrile			0.054	0.053	0.049	0.056	0.056	0.058	0.059	0.055	6.42
26)	TP	Ethyl tert-but		0.761	0.822	0.815	0.795	0.845	0.815	0.836	0.816	0.813	3.16
27)	TP	Vinyl acetate				0.442	0.488	0.532	0.521	0.514	0.522	0.503	6.65
28)	TP	cis-1,2-Dichlo		0.332	0.341	0.336	0.301	0.310	0.303	0.305	0.301	0.316	5.39
29)	TP	2,2-Dichloropr		0.359	0.500	0.486	0.415	0.431	0.419	0.425	0.415	0.431	10.23
30)	TP	Bromochloromet		0.157	0.158	0.160	0.142	0.146	0.141	0.139	0.135	0.147	6.49
31)	TP	Cyclohexane		0.334	0.474	0.482	0.410	0.429	0.415	0.434	0.430	0.426	10.68
32)	TP	Chloroform		0.937	0.837	0.676	0.515	0.514	0.486	0.491	0.478	*L	0.9996
33)	TP	Ethyl acetate				0.153	0.159	0.175	0.175	0.182	0.185	0.172	7.45
34)	TP	Carbon tetrach		0.299	0.429	0.457	0.395	0.411	0.400	0.412	0.411	0.402	11.36
35)	TP	Tetrahydrofuran		0.065	0.064	0.059	0.060	0.065	0.062	0.064	0.064	0.063	3.26
36)	S	Dibromofluoromethane	0.294	0.295	0.296	0.297	0.287	0.287	0.281	0.274	0.271	0.287	3.34
37)	TP	1,1,1-Trichloroethane	0.278	0.408	0.487	0.496	0.419	0.425	0.412	0.421	0.414	0.418	14.82
39)	TP	2-Butanone				0.042	0.064	0.074	0.073	0.078	0.079	*L	0.9993
40)	TP	1,1-Dichloropropene	0.227	0.251	0.372	0.391	0.339	0.345	0.339	0.354	0.349	0.330	16.54

Initial Calibration Summary
Form 6
Volatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2600637**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E**
Instrument ID	**: VOA104**	**Ical Ref**	**: ICAL22828**
Calibration dates	**: 11/19/25 18:33 11/19/25 23:21**		

Calibration Files

0.5 =V04251119A02.D 1.0 =V04251119A04.D 2.0 =V04251119A06.D 4.0 =V04251119A08.D 20 =V04251119A09.D

40 =V04251119A10.D 100 =V04251119A11.D 200 =V04251119A12.D 300 =V04251119A13.D

	Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
41) TP	Benzene	0.742	0.891	1.104	1.066	0.986	1.021	0.997	1.029	1.004	0.982	10.93
42) TP	Tertiary-Amyl Methyl Ether		0.656	0.703	0.693	0.655	0.691	0.675	0.698	0.689	0.683	2.70
43) S	1,2-Dichloroethane-d4	0.258	0.266	0.269	0.265	0.245	0.251	0.246	0.247	0.246	0.255	3.89
44) TP	1,2-Dichloroet		0.345	0.360	0.368	0.335	0.348	0.337	0.347	0.343	0.348	3.16
47) TP	Methyl cyclohe		0.229	0.449	0.456	0.391	0.424	0.421	0.459	0.462	0.411	18.89
48) TP	Trichloroethene	0.150	0.211	0.268	0.325	0.269	0.280	0.278	0.289	0.283	0.261	19.57
50) TP	Dibromomethane		0.184	0.173	0.171	0.155	0.165	0.164	0.172	0.173	0.170	4.97
51) TP	1,2-Dichloropr		0.268	0.295	0.291	0.277	0.286	0.282	0.293	0.287	0.285	3.18
53) TP	2-Chloroethyl			0.118	0.138	0.137	0.152	0.152	0.160	0.162	0.146	10.65
54) TP	Bromodichloromethane	0.293	0.353	0.449	0.431	0.380	0.398	0.391	0.404	0.396	0.388	11.60
57) TP	1,4-Dioxane		0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	*L	0.9995
58) TP	cis-1,3-Dichloropropene	0.254	0.374	0.434	0.448	0.427	0.453	0.451	0.470	0.462	0.419	16.22
59) I	Chlorobenzene-d5	----------ISTD----------										
60) S	Toluene-d8	1.293	1.298	1.312	1.316	1.295	1.295	1.280	1.247	1.235	1.286	2.16
61) TP	Toluene		0.846	1.004	0.916	0.797	0.832	0.809	0.825	0.800	0.854	8.40
62) TP	4-Methyl-2-pen			0.093	0.093	0.091	0.096	0.092	0.094	0.095	0.094	1.79
63) TP	Tetrachloroethene	0.185	0.274	0.408	0.411	0.378	0.397	0.396	0.414	0.407	*L	0.9996
65) TP	trans-1,3-Dich		0.398	0.451	0.488	0.464	0.487	0.474	0.477	0.466	0.463	6.29
67) TP	Ethyl methacry			0.363	0.385	0.326	0.348	0.337	0.341	0.336	0.348	5.76
68) TP	1,1,2-Trichlor		0.302	0.295	0.270	0.231	0.237	0.228	0.232	0.230	0.253	12.31
69) TP	Chlorodibromomethane	0.313	0.377	0.420	0.424	0.391	0.405	0.393	0.403	0.399	0.391	8.37
70) TP	1,3-Dichloropr		0.434	0.457	0.473	0.433	0.451	0.435	0.442	0.436	0.445	3.23
71) TP	1,2-Dibromoethane	0.204	0.284	0.285	0.299	0.276	0.295	0.286	0.291	0.290	0.279	10.39
72) TP	2-Hexanone				0.147	0.146	0.161	0.162	0.168	0.171	0.159	6.66
73) TP	Chlorobenzene	0.724	0.891	1.042	1.059	0.954	0.990	0.977	1.006	0.980	0.958	10.48
74) TP	Ethylbenzene		1.281	1.704	1.668	1.492	1.586	1.526	1.528	1.472	1.532	8.52
75) TP	1,1,1,2-Tetrachloroethane	0.270	0.359	0.395	0.412	0.372	0.383	0.367	0.367	0.356	0.365	10.85
76) TP	p/m Xylene	0.422	0.527	0.683	0.660	0.581	0.604	0.585	0.595	0.578	0.582	12.96
77) TP	o Xylene	0.433	0.540	0.675	0.655	0.591	0.615	0.595	0.611	0.595	0.590	11.95
78) TP	Styrene	0.781	0.883	1.064	1.053	0.961	0.994	0.960	0.966	0.932	0.955	9.00
79) I	1,4-Dichlorobenzene-d4	----------ISTD----------										
80) TP	Bromoform		0.448	0.489	0.507	0.464	0.476	0.455	0.468	0.471	0.472	3.96
82) TP	Isopropylbenzene		2.286	3.198	2.972	2.788	2.907	2.869	3.039	2.987	2.881	9.36
83) S	4-Bromofluorobenzene	0.839	0.845	0.848	0.847	0.872	0.866	0.868	0.885	0.886	0.862	2.06
84) TP	Bromobenzene		0.687	0.813	0.814	0.781	0.814	0.813	0.860	0.857	0.805	6.72
85) TP	n-Propylbenzene		2.552	3.594	3.407	3.210	3.370	3.330	3.478	3.376	3.290	9.67

Initial Calibration Summary
Form 6
Volatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2600637**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E**
Instrument ID	**: VOA104**	**Ical Ref**	**: ICAL22828**
Calibration dates	**: 11/19/25 18:33 11/19/25 23:21**		

Calibration Files

0.5 =V04251119A02.D 1.0 =V04251119A04.D 2.0 =V04251119A06.D 4.0 =V04251119A08.D 20 =V04251119A09.D
40 =V04251119A10.D 100 =V04251119A11.D 200 =V04251119A12.D 300 =V04251119A13.D

	Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
86) TP	1,4-Dichlorobu		0.925	0.849	0.892	0.835	0.858	0.818	0.839	0.823	0.855	4.29
87) TP	1,1,2,2-Tetrachloroethane	0.622	0.805	0.708	0.731	0.609	0.635	0.614	0.637	0.651	0.668	9.91
88) TP	4-Ethyltoluene		2.241	3.025	2.833	2.658	2.785	2.751	2.875	2.799	2.746	8.36
89) TP	2-Chlorotoluene		1.644	2.161	2.088	1.947	1.992	1.910	1.992	1.962	1.962	7.74
90) TP	1,3,5-Trimethy		1.936	2.605	2.489	2.303	2.413	2.355	2.459	2.407	2.371	8.34
91) TP	1,2,3-Trichlor		0.479	0.490	0.499	0.440	0.451	0.432	0.452	0.456	0.462	5.22
92) TP	trans-1,4-Dich			0.227	0.206	0.165	0.169	0.160	0.166	0.172	0.181	14.08
93) TP	4-Chlorotoluene		1.669	2.054	2.178	1.931	2.000	1.981	2.077	2.040	1.991	7.51
94) TP	tert-Butylbenzene		1.576	2.246	2.136	1.984	2.094	2.071	2.206	2.173	2.061	10.29
97) TP	1,2,4-Trimethy		2.121	2.584	2.463	2.288	2.401	2.379	2.471	2.406	2.389	5.77
98) TP	sec-Butylbenzene		2.110	3.304	3.246	2.932	3.117	3.075	3.225	3.148	3.020	12.76
99) TP	p-Isopropyltol		1.874	2.897	2.710	2.527	2.674	2.664	2.813	2.729	2.611	12.14
100) TP	1,3-Dichlorobe		1.217	1.489	1.458	1.372	1.440	1.423	1.487	1.449	1.417	6.28
101) TP	1,4-Dichlorobe		1.403	1.600	1.553	1.387	1.436	1.440	1.496	1.470	1.473	5.00
102) TP	p-Diethylbenzene		1.199	1.762	1.567	1.449	1.575	1.600	1.697	1.659	1.564	11.18
103) TP	n-Butylbenzene		1.865	2.654	2.379	2.196	2.387	2.337	2.443	2.371	2.329	9.73
104) TP	1,2-Dichlorobe		1.230	1.389	1.434	1.309	1.366	1.354	1.413	1.391	1.361	4.79
105) TP	1,2,4,5-Tetram		1.938	2.522	2.362	2.245	2.476	2.576	2.688	2.614	2.428	10.01
106) TP	1,2-Dibromo-3-		0.093	0.103	0.120	0.100	0.111	0.111	0.116	0.119	0.109	8.76
107) TP	1,3,5-Trichlor		0.869	1.185	1.101	1.018	1.105	1.140	1.161	1.112	1.086	9.30
108) TP	Hexachlorobuta		0.360	0.618	0.580	0.528	0.579	0.581	0.600	0.580	0.553	14.85
109) TP	1,2,4-Trichlor		0.785	0.944	0.923	0.844	0.925	0.935	0.930	0.891	0.897	6.21
110) TP	Naphthalene		1.588	1.641	1.635	1.414	1.598	1.669	1.715	1.709	1.621	5.90
111) TP	1,2,3-Trichlor		0.660	0.788	0.785	0.714	0.772	0.802	0.786	0.757	0.758	6.33

Initial Calibration Summary
Form 6
Volatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2600637**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E**
Instrument ID	**: VOA100**	**Ical Ref**	**: ICAL22914**
Calibration dates	**: 12/23/25 16:03 12/23/25 20:24**		

Calibration Files

0.5 =V00251223A03.D 1.0 =V00251223A05.D 2.0 =V00251223A07.D 4.0 =V00251223A08.D 20 =V00251223A09.D

40 =V00251223A10.D 100 =V00251223A11.D 200 =V00251223A12.D 300 =V00251223A13.D

		Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
1)	I	Fluorobenzene	----------ISTD----------										
2)	TP	Dichlorodifluo		0.251	0.321	0.309	0.276	0.315	0.299	0.303	0.315	0.299	7.90
3)	TP	Chloromethane		0.311	0.338	0.321	0.290	0.316	0.304	0.296	0.309	0.310	4.81
4)	TP	Vinyl chloride		0.258	0.329	0.314	0.297	0.326	0.309	0.310	0.320	0.308	7.35
5)	TP	Bromomethane		0.134	0.157	0.156	0.149	0.165	0.169	0.170	0.185	0.161	9.60
6)	TP	Chloroethane		0.175	0.216	0.207	0.191	0.207	0.198	0.182	0.167	0.193	8.84
7)	TP	Trichlorofluor		0.370	0.455	0.427	0.389	0.443	0.423	0.433	0.451	0.424	7.10
8)	TP	Ethyl ether		0.135	0.142	0.146	0.153	0.158	0.157	0.164	0.159	0.152	6.47
10)	TP	1,1-Dichloroet		0.206	0.252	0.248	0.237	0.269	0.257	0.259	0.268	0.250	8.26
11)	TP	Carbon disulfide			1.402	1.144	0.885	0.950	0.894	0.896	0.918	1.013	19.15
12)	TP	Freon-113		0.214	0.256	0.240	0.229	0.268	0.253	0.261	0.270	0.249	7.88
14)	TP	Acrolein			0.015	0.019	0.023	0.023	0.023	0.024	0.024	0.022	16.14
15)	TP	Methylene chlo		0.324	0.330	0.328	0.299	0.305	0.297	0.296	0.294	0.309	5.03
17)	TP	Acetone			0.177	0.154	0.135	0.133	0.126	0.130	0.119	0.139	14.42
18)	TP	trans-1,2-Dich		0.247	0.290	0.291	0.280	0.301	0.292	0.291	0.299	0.286	5.95
19)	TP	Methyl acetate		0.235	0.204	0.153	0.176	0.176	0.176	0.186	0.178	0.186	13.16
20)	TP	Methyl tert butyl ether		0.727	0.786	0.759	0.817	0.826	0.822	0.849	0.814	0.800	5.04
21)	TP	tert-Butyl alc		0.027	0.027	0.026	0.033	0.031	0.031	0.035	0.033	0.030	11.51
22)	TP	Diisopropyl ether		0.779	0.873	0.863	0.903	0.940	0.928	0.939	0.917	0.893	6.06
23)	TP	1,1-Dichloroet		0.463	0.530	0.531	0.510	0.535	0.514	0.510	0.512	0.513	4.40
24)	TP	Halothane		0.190	0.229	0.225	0.210	0.234	0.225	0.228	0.234	0.222	6.75
25)	TP	Acrylonitrile		0.070	0.070	0.077	0.092	0.090	0.088	0.094	0.089	0.084	11.70
26)	TP	Ethyl tert-but		0.724	0.800	0.804	0.843	0.877	0.865	0.883	0.855	0.832	6.39
27)	TP	Vinyl acetate		0.654	0.674	0.628	0.717	0.729	0.731	0.758	0.733	0.703	6.47
28)	TP	cis-1,2-Dichlo		0.276	0.326	0.324	0.316	0.331	0.321	0.320	0.325	0.317	5.42
29)	TP	2,2-Dichloropr		0.409	0.473	0.444	0.415	0.448	0.432	0.435	0.442	0.437	4.50
31)	TP	Bromochloromet		0.131	0.159	0.154	0.162	0.162	0.157	0.156	0.152	0.154	6.56
32)	TP	Cyclohexane		0.401	0.489	0.446	0.421	0.489	0.464	0.470	0.483	0.458	7.14
33)	TP	Chloroform		0.526	0.572	0.562	0.540	0.562	0.539	0.538	0.540	0.547	2.93
34)	TP	Ethyl acetate		0.289	0.279	0.244	0.276	0.267	0.268	0.287	0.274	0.273	5.19
35)	TP	Carbon tetrach		0.378	0.462	0.423	0.395	0.454	0.427	0.445	0.453	0.430	6.97
36)	TP	Tetrahydrofuran		0.134	0.106	0.094	0.091	0.083	0.083	0.088	0.083	0.096	18.00
37)	S	Dibromofluoromethane	0.285	0.281	0.282	0.284	0.273	0.275	0.271	0.277	0.272	0.278	1.92
38)	TP	1,1,1-Trichloroethane	0.381	0.385	0.455	0.460	0.431	0.481	0.455	0.457	0.471	0.442	8.16
40)	TP	2-Butanone			0.121	0.122	0.116	0.117	0.116	0.125	0.121	0.120	2.84
41)	TP	1,1-Dichloropropene	0.291	0.318	0.390	0.366	0.362	0.397	0.381	0.383	0.393	0.365	10.03

Initial Calibration Summary
Form 6
Volatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2600637**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E**
Instrument ID	**: VOA100**	**Ical Ref**	**: ICAL22914**
Calibration dates	**: 12/23/25 16:03 12/23/25 20:24**		

Calibration Files

0.5 =V00251223A03.D 1.0 =V00251223A05.D 2.0 =V00251223A07.D 4.0 =V00251223A08.D 20 =V00251223A09.D

40 =V00251223A10.D 100 =V00251223A11.D 200 =V00251223A12.D 300 =V00251223A13.D

		Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
42)	TP	Benzene	0.914	0.959	1.089	1.082	1.075	1.129	1.092	1.085	1.098	1.058	6.75
43)	TP	Tertiary-Amyl Methyl Ether		0.702	0.738	0.730	0.786	0.803	0.794	0.825	0.793	0.771	5.52
44)	S	1,2-Dichloroethane-d4	0.287	0.283	0.280	0.280	0.268	0.264	0.267	0.283	0.273	0.276	3.00
45)	TP	1,2-Dichloroet		0.359	0.378	0.383	0.383	0.387	0.377	0.383	0.375	0.378	2.31
48)	TP	Methyl cyclohe		0.413	0.480	0.435	0.443	0.520	0.502	0.511	0.531	0.479	9.22
49)	TP	Trichloroethene	0.238	0.259	0.298	0.295	0.290	0.314	0.305	0.311	0.319	0.292	9.20
51)	TP	Dibromomethane		0.170	0.180	0.183	0.187	0.190	0.186	0.192	0.188	0.184	3.81
52)	TP	1,2-Dichloropr		0.241	0.286	0.282	0.287	0.298	0.290	0.293	0.292	0.284	6.28
54)	TP	2-Chloroethyl		0.119	0.137	0.138	0.161	0.162	0.168	0.178	0.174	0.155	13.39
55)	TP	Bromodichloromethane	0.372	0.376	0.429	0.413	0.420	0.432	0.424	0.431	0.429	0.414	5.65
58)	TP	1,4-Dioxane		0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.002	0.002#	15.29
59)	TP	cis-1,3-Dichloropropene	0.411	0.416	0.470	0.478	0.488	0.504	0.497	0.506	0.501	0.474	7.72
60)	I	Chlorobenzene-d5	----------ISTD----------										
61)	S	Toluene-d8	1.277	1.280	1.286	1.296	1.295	1.297	1.282	1.266	1.288	1.285	0.79
62)	TP	Toluene		0.773	0.884	0.883	0.887	0.940	0.899	0.895	0.920	0.885	5.57
63)	TP	4-Methyl-2-pen		0.083	0.098	0.100	0.120	0.123	0.122	0.128	0.125	0.112	14.63
64)	TP	Tetrachloroethene	0.355	0.367	0.441	0.410	0.418	0.471	0.450	0.456	0.476	0.427	10.14
66)	TP	trans-1,3-Dich		0.475	0.520	0.513	0.556	0.575	0.560	0.564	0.560	0.540	6.33
68)	TP	Ethyl methacry		0.374	0.399	0.407	0.450	0.459	0.441	0.454	0.440	0.428	7.21
69)	TP	1,1,2-Trichlor		0.229	0.246	0.242	0.265	0.269	0.259	0.263	0.260	0.254	5.36
70)	TP	Chlorodibromomethane	0.358	0.362	0.406	0.398	0.430	0.442	0.431	0.440	0.438	0.412	8.00
71)	TP	1,3-Dichloropr		0.476	0.521	0.505	0.537	0.544	0.524	0.530	0.522	0.520	4.06
72)	TP	1,2-Dibromoethane	0.286	0.262	0.307	0.304	0.331	0.338	0.329	0.338	0.333	0.314	8.49
73)	TP	2-Hexanone		0.209	0.219	0.211	0.234	0.236	0.230	0.244	0.235	0.227	5.65
74)	TP	Chlorobenzene	0.913	0.903	1.043	1.012	1.035	1.078	1.038	1.031	1.049	1.011	6.04
75)	TP	Ethylbenzene		1.529	1.725	1.642	1.661	1.778	1.698	1.678	1.704	1.677	4.33
76)	TP	1,1,1,2-Tetrachloroethane	0.336	0.338	0.372	0.377	0.393	0.413	0.401	0.403	0.405	0.382	7.45
77)	TP	p/m Xylene	0.577	0.622	0.676	0.656	0.662	0.709	0.670	0.661	0.670	0.656	5.69
78)	TP	o Xylene	0.586	0.598	0.673	0.650	0.664	0.691	0.661	0.653	0.658	0.648	5.27
79)	TP	Styrene	0.975	0.985	1.127	1.096	1.141	1.179	1.123	1.101	1.091	1.091	6.25
80)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
81)	TP	Bromoform		0.446	0.475	0.464	0.511	0.522	0.531	0.556	0.545	0.506	7.91
83)	TP	Isopropylbenzene		2.521	2.997	2.765	2.884	3.113	3.066	3.039	3.115	2.938	7.03
84)	S	4-Bromofluorobenzene	0.796	0.796	0.786	0.785	0.794	0.790	0.800	0.816	0.809	0.797	1.27
85)	TP	Bromobenzene		0.689	0.787	0.791	0.825	0.844	0.847	0.855	0.865	0.813	7.08
86)	TP	n-Propylbenzene		2.980	3.430	3.146	3.328	3.569	3.472	3.395	3.441	3.345	5.74

Initial Calibration Summary
Form 6
Volatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2600637**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E**
Instrument ID	**: VOA100**	**Ical Ref**	**: ICAL22914**
Calibration dates	**: 12/23/25 16:03 12/23/25 20:24**		

Calibration Files

0.5 =V00251223A03.D 1.0 =V00251223A05.D 2.0 =V00251223A07.D 4.0 =V00251223A08.D 20 =V00251223A09.D

40 =V00251223A10.D 100 =V00251223A11.D 200 =V00251223A12.D 300 =V00251223A13.D

	Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
87) TP	1,4-Dichlorobu		0.854	0.895	0.882	0.950	0.942	0.941	0.974	0.946	0.923	4.44
88) TP	1,1,2,2-Tetrachloroethane	0.656	0.624	0.681	0.653	0.725	0.719	0.716	0.742	0.717	0.693	5.86
89) TP	4-Ethyltoluene		2.621	2.925	2.744	2.880	3.044	2.983	2.915	2.961	2.884	4.77
90) TP	2-Chlorotoluene		1.843	2.011	1.978	2.000	2.062	2.029	1.994	2.049	1.996	3.41
91) TP	1,3,5-Trimethy		2.287	2.547	2.365	2.498	2.621	2.563	2.492	2.527	2.487	4.40
92) TP	1,2,3-Trichlor		0.501	0.584	0.531	0.574	0.568	0.569	0.574	0.556	0.557	4.96
93) TP	trans-1,4-Dich		0.198	0.200	0.197	0.228	0.226	0.228	0.225	0.223	0.216	6.71
94) TP	4-Chlorotoluene		1.892	2.122	2.006	2.095	2.149	2.112	2.085	2.100	2.070	4.02
95) TP	tert-Butylbenzene		1.930	2.202	2.004	2.114	2.307	2.257	2.205	2.264	2.160	6.18
98) TP	1,2,4-Trimethy		2.271	2.482	2.336	2.495	2.589	2.541	2.476	2.499	2.461	4.28
99) TP	sec-Butylbenzene		2.901	3.282	3.002	3.168	3.438	3.351	3.229	3.306	3.210	5.61
100) TP	p-Isopropyltol		2.479	2.781	2.620	2.763	2.976	2.903	2.801	2.848	2.771	5.70
101) TP	1,3-Dichlorobe		1.401	1.528	1.475	1.563	1.588	1.575	1.553	1.545	1.529	4.05
102) TP	1,4-Dichlorobe		1.448	1.591	1.489	1.591	1.591	1.582	1.560	1.554	1.551	3.48
103) TP	p-Diethylbenzene		1.495	1.701	1.569	1.669	1.798	1.759	1.691	1.726	1.676	5.94
104) TP	n-Butylbenzene		2.211	2.552	2.349	2.471	2.645	2.557	2.453	2.491	2.466	5.47
105) TP	1,2-Dichlorobe		1.294	1.448	1.379	1.488	1.493	1.490	1.472	1.458	1.440	4.84
106) TP	1,2,4,5-Tetram		2.214	2.397	2.249	2.557	2.678	2.675	2.600	2.622	2.499	7.50
107) TP	1,2-Dibromo-3-		0.113	0.140	0.130	0.149	0.147	0.149	0.154	0.150	0.141	9.69
108) TP	1,3,5-Trichlor		1.124	1.243	1.125	1.267	1.275	1.260	1.219	1.223	1.217	4.96
109) TP	Hexachlorobuta		0.578	0.664	0.593	0.620	0.675	0.663	0.632	0.668	0.637	5.80
110) TP	1,2,4-Trichlor		1.036	1.064	1.012	1.117	1.120	1.119	1.104	1.085	1.082	3.81
111) TP	Naphthalene		2.092	2.115	1.953	2.267	2.260	2.285	2.321	2.254	2.193	5.78
112) TP	1,2,3-Trichlor		0.939	1.007	0.930	1.033	1.042	1.040	1.018	1.002	1.001	4.37

Response Factor Report VOA104

Method Path : K:\VOA104\2025\251119ICAL\
Method File : V104_251119A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Nov 20 07:58:49 2025
Response Via : Initial Calibration

Calibration Files
0.5 =V04251119A02.D 1.0 =V04251119A04.D 2.0 =V04251119A06.D 4.0 =V04251119A08.D 20 =V04251119A09.D
40 =V04251119A10.D 100 =V04251119A11.D 200 =V04251119A12.D 300 =V04251119A13.D

		Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
1)	I	Fluorobenzene	ISTD										
2)	TP	Dichlorodifluo...	0.290	0.365	0.399	0.346	0.354	0.367	0.394	0.400	0.365		10.01
3)	TP	Chloromethane	0.359	0.408	0.403	0.353	0.366	0.360	0.379	0.373	0.375		5.47
4)	TP	Vinyl chloride	0.257	0.385	0.410	0.357	0.373	0.375	0.396	0.387	0.368		12.92
5)	TP	Bromomethane	0.150	0.184	0.212	0.191	0.210	0.221	0.241	0.243	0.206		14.99
6)	TP	Chloroethane	0.218	0.263	0.253	0.220	0.229	0.212	0.181	0.128	0.213		20.00
7)	TP	Trichlorofluor...	0.264	0.436	0.502	0.432	0.450	0.453	0.471	0.474	0.435		16.73
8)	TP	Ethyl ether	0.132	0.135	0.130	0.129	0.137	0.138	0.144	0.143	0.136		3.95
10)	TP	1,1-Dichloroet...	0.197	0.263	0.279	0.242	0.251	0.251	0.259	0.256	0.250		9.57
11)	TP	Carbon disulfide	0.853	1.033	1.037	0.872	0.895	0.877	0.892	0.868	0.916		8.18
12)	TP	Freon-113	0.145	0.246	0.281	0.252	0.262	0.258	0.270	0.265	0.247		17.21
14)	TP	Acrolein			0.031	0.023	0.025	0.026	0.026	0.027	0.026		10.77
15)	TP	Methylene chlo...	0.403	0.359	0.322	0.281	0.290	0.285	0.290	0.284	0.314		14.19
17)	TP	Acetone	0.298	0.184	0.143	0.091	0.098	0.089	0.100	0.092	*L		0.9971
18)	TP	trans-1,2-Dich...	0.247	0.304	0.305	0.271	0.277	0.276	0.282	0.275	0.280		6.70
19)	TP	Methyl acetate			0.089	0.095	0.106	0.108	0.115	0.115	0.105		10.20
20)	TP	Methyl tert-bu...	0.680	0.714	0.689	0.669	0.711	0.691	0.702	0.691	0.693		2.18
21)	TP	tert-Butyl alc...	0.025	0.024	0.026	0.021	0.024	0.022	0.022	0.023	0.023		6.99
22)	TP	Diisopropyl ether	0.796	0.915	0.879	0.848	0.895	0.877	0.893	0.865	0.871		4.16
23)	TP	1,1-Dichloroet...	0.442	0.571	0.579	0.520	0.532	0.515	0.524	0.508	0.524		8.03
24)	TP	Halothane	0.170	0.230	0.242	0.214	0.223	0.216	0.222	0.219	0.217		9.61
25)	TP	Acrylonitrile		0.054	0.053	0.049	0.056	0.056	0.058	0.059	0.055		6.42
26)	TP	Ethyl tert-but...	0.761	0.822	0.815	0.795	0.845	0.815	0.836	0.816	0.813		3.16
27)	TP	Vinyl acetate			0.442	0.488	0.532	0.521	0.514	0.522	0.503		6.65
28)	TP	cis-1,2-Dichlo...	0.332	0.341	0.336	0.301	0.310	0.303	0.305	0.301	0.316		5.39
29)	TP	2,2-Dichloropr...	0.359	0.500	0.486	0.415	0.431	0.419	0.425	0.415	0.431		10.23
30)	TP	Bromochloromet...	0.157	0.158	0.160	0.142	0.146	0.141	0.139	0.135	0.147		6.49
31)	TP	Cyclohexane	0.334	0.474	0.482	0.410	0.429	0.415	0.434	0.430	0.426		10.68
32)	TP	Chloroform	0.937	0.837	0.676	0.515	0.514	0.486	0.491	0.478	*L		0.9996
33)	TP	Ethyl acetate			0.153	0.159	0.175	0.175	0.182	0.185	0.172		7.45
34)	TP	Carbon tetrach...	0.299	0.429	0.457	0.395	0.411	0.400	0.412	0.411	0.402		11.36

Response Factor Report VOA104

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40 =V04251119A10.D 100 =V04251119A11.D 200 =V04251119A12.D 300 =V04251119A13.D

		Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
35)	TP	Tetrahydrofuran		0.065	0.064	0.059	0.060	0.065	0.062	0.064	0.064	0.063	3.26
36)	S	Dibromofluorom...	0.294	0.295	0.296	0.297	0.287	0.287	0.281	0.274	0.271	0.287	3.34
37)	TP	1,1,1-Trichlor...	0.278	0.408	0.487	0.496	0.419	0.425	0.412	0.421	0.414	0.418	14.82
39)	TP	2-Butanone				0.042	0.064	0.074	0.073	0.078	0.079	*L	0.9993
40)	TP	1,1-Dichloropr...	0.227	0.251	0.372	0.391	0.339	0.345	0.339	0.354	0.349	0.330	16.54
41)	TP	Benzene	0.742	0.891	1.104	1.066	0.986	1.021	0.997	1.029	1.004	0.982	10.93
42)	TP	tert-Amyl meth...		0.656	0.703	0.693	0.655	0.691	0.675	0.698	0.689	0.683	2.70
43)	S	1,2-Dichloroet...	0.258	0.266	0.269	0.265	0.245	0.251	0.246	0.247	0.246	0.255	3.89
44)	TP	1,2-Dichloroet...		0.345	0.360	0.368	0.335	0.348	0.337	0.347	0.343	0.348	3.16
47)	TP	Methyl cyclohe...		0.229	0.449	0.456	0.391	0.424	0.421	0.459	0.462	0.411	18.89
48)	TP	Trichloroethene	0.150	0.211	0.268	0.325	0.269	0.280	0.278	0.289	0.283	0.261	19.57
50)	TP	Dibromomethane		0.184	0.173	0.171	0.155	0.165	0.164	0.172	0.173	0.170	4.97
51)	TP	1,2-Dichloropr...		0.268	0.295	0.291	0.277	0.286	0.282	0.293	0.287	0.285	3.18
53)	TP	2-Chloroethyl ...			0.118	0.138	0.137	0.152	0.152	0.160	0.162	0.146	10.65
54)	TP	Bromodichlorom...	0.293	0.353	0.449	0.431	0.380	0.398	0.391	0.404	0.396	0.388	11.60
57)	TP	1,4-Dioxane		0.001	0.001	0.002	0.002	0.002	0.002	0.002	0.002	*L	0.9995
58)	TP	cis-1,3-Dichlo...	0.254	0.374	0.434	0.448	0.427	0.453	0.451	0.470	0.462	0.419	16.22
59)	I	Chlorobenzene-d5	----------ISTD----------										
60)	S	Toluene-d8	1.293	1.298	1.312	1.316	1.295	1.295	1.280	1.247	1.235	1.286	2.16
61)	TP	Toluene		0.846	1.004	0.916	0.797	0.832	0.809	0.825	0.800	0.854	8.40
62)	TP	4-Methyl-2-pen...			0.093	0.093	0.091	0.096	0.092	0.094	0.095	0.094	1.79
63)	TP	Tetrachloroethene	0.185	0.274	0.408	0.411	0.378	0.397	0.396	0.414	0.407	*L	0.9996
65)	TP	trans-1,3-Dich...		0.398	0.451	0.488	0.464	0.487	0.474	0.477	0.466	0.463	6.29
67)	TP	Ethyl methacry...			0.363	0.385	0.326	0.348	0.337	0.341	0.336	0.348	5.76
68)	TP	1,1,2-Trichlor...		0.302	0.295	0.270	0.231	0.237	0.228	0.232	0.230	0.253	12.31
69)	TP	Chlorodibromom...	0.313	0.377	0.420	0.424	0.391	0.405	0.393	0.403	0.399	0.391	8.37
70)	TP	1,3-Dichloropr...		0.434	0.457	0.473	0.433	0.451	0.435	0.442	0.436	0.445	3.23
71)	TP	1,2-Dibromoethane	0.204	0.284	0.285	0.299	0.276	0.295	0.286	0.291	0.290	0.279	10.39
72)	TP	2-Hexanone				0.147	0.146	0.161	0.162	0.168	0.171	0.159	6.66
73)	TP	Chlorobenzene	0.724	0.891	1.042	1.059	0.954	0.990	0.977	1.006	0.980	0.958	10.48
74)	TP	Ethylbenzene		1.281	1.704	1.668	1.492	1.586	1.526	1.528	1.472	1.532	8.52

Response Factor Report VOA104

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		Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
75)	TP	1,1,1,2-Tetrac...	0.270	0.359	0.395	0.412	0.372	0.383	0.367	0.367	0.356	0.365	10.85
76)	TP	p/m Xylene	0.422	0.527	0.683	0.660	0.581	0.604	0.585	0.595	0.578	0.582	12.96
77)	TP	o Xylene	0.433	0.540	0.675	0.655	0.591	0.615	0.595	0.611	0.595	0.590	11.95
78)	TP	Styrene	0.781	0.883	1.064	1.053	0.961	0.994	0.960	0.966	0.932	0.955	9.00
79)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
80)	TP	Bromoform		0.448	0.489	0.507	0.464	0.476	0.455	0.468	0.471	0.472	3.96
82)	TP	Isopropylbenzene		2.286	3.198	2.972	2.788	2.907	2.869	3.039	2.987	2.881	9.36
83)	S	4-Bromofluorob...	0.839	0.845	0.848	0.847	0.872	0.866	0.868	0.885	0.886	0.862	2.06
84)	TP	Bromobenzene		0.687	0.813	0.814	0.781	0.814	0.813	0.860	0.857	0.805	6.72
85)	TP	n-Propylbenzene		2.552	3.594	3.407	3.210	3.370	3.330	3.478	3.376	3.290	9.67
86)	TP	1,4-Dichlorobu...		0.925	0.849	0.892	0.835	0.858	0.818	0.839	0.823	0.855	4.29
87)	TP	1,1,2,2-Tetrac...	0.622	0.805	0.708	0.731	0.609	0.635	0.614	0.637	0.651	0.668	9.91
88)	TP	4-Ethyltoluene		2.241	3.025	2.833	2.658	2.785	2.751	2.875	2.799	2.746	8.36
89)	TP	2-Chlorotoluene		1.644	2.161	2.088	1.947	1.992	1.910	1.992	1.962	1.962	7.74
90)	TP	1,3,5-Trimethy...		1.936	2.605	2.489	2.303	2.413	2.355	2.459	2.407	2.371	8.34
91)	TP	1,2,3-Trichlor...		0.479	0.490	0.499	0.440	0.451	0.432	0.452	0.456	0.462	5.22
92)	TP	trans-1,4-Dich...			0.227	0.206	0.165	0.169	0.160	0.166	0.172	0.181	14.08
93)	TP	4-Chlorotoluene		1.669	2.054	2.178	1.931	2.000	1.981	2.077	2.040	1.991	7.51
94)	TP	tert-Butylbenzene		1.576	2.246	2.136	1.984	2.094	2.071	2.206	2.173	2.061	10.29
97)	TP	1,2,4-Trimethy...		2.121	2.584	2.463	2.288	2.401	2.379	2.471	2.406	2.389	5.77
98)	TP	sec-Butylbenzene		2.110	3.304	3.246	2.932	3.117	3.075	3.225	3.148	3.020	12.76
99)	TP	p-Isopropyltol...		1.874	2.897	2.710	2.527	2.674	2.664	2.813	2.729	2.611	12.14
100)	TP	1,3-Dichlorobe...		1.217	1.489	1.458	1.372	1.440	1.423	1.487	1.449	1.417	6.28
101)	TP	1,4-Dichlorobe...		1.403	1.600	1.553	1.387	1.436	1.440	1.496	1.470	1.473	5.00
102)	TP	p-Diethylbenzene		1.199	1.762	1.567	1.449	1.575	1.600	1.697	1.659	1.564	11.18
103)	TP	n-Butylbenzene		1.865	2.654	2.379	2.196	2.387	2.337	2.443	2.371	2.329	9.73
104)	TP	1,2-Dichlorobe...		1.230	1.389	1.434	1.309	1.366	1.354	1.413	1.391	1.361	4.79
105)	TP	1,2,4,5-Tetram...		1.938	2.522	2.362	2.245	2.476	2.576	2.688	2.614	2.428	10.01
106)	TP	1,2-Dibromo-3-...		0.093	0.103	0.120	0.100	0.111	0.111	0.116	0.119	0.109	8.76
107)	TP	1,3,5-Trichlor...		0.869	1.185	1.101	1.018	1.105	1.140	1.161	1.112	1.086	9.30
108)	TP	Hexachlorobuta...		0.360	0.618	0.580	0.528	0.579	0.581	0.600	0.580	0.553	14.85

Method Path : K:\VOA104\2025\251119ICAL\
Method File : V104_251119A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Nov 20 07:58:49 2025
Response Via : Initial Calibration

Calibration Files
0.5 =V04251119A02.D 1.0 =V04251119A04.D 2.0 =V04251119A06.D 4.0 =V04251119A08.D 20 =V04251119A09.D
40 =V04251119A10.D 100 =V04251119A11.D 200 =V04251119A12.D 300 =V04251119A13.D

	Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
109) TP	1,2,4-Trichlor...	0.785	0.944	0.923	0.844	0.925	0.935	0.930	0.891	0.897		6.21
110) TP	Naphthalene	1.588	1.641	1.635	1.414	1.598	1.669	1.715	1.709	1.621		5.90
111) TP	1,2,3-Trichlor...	0.660	0.788	0.785	0.714	0.772	0.802	0.786	0.757	0.758		6.33

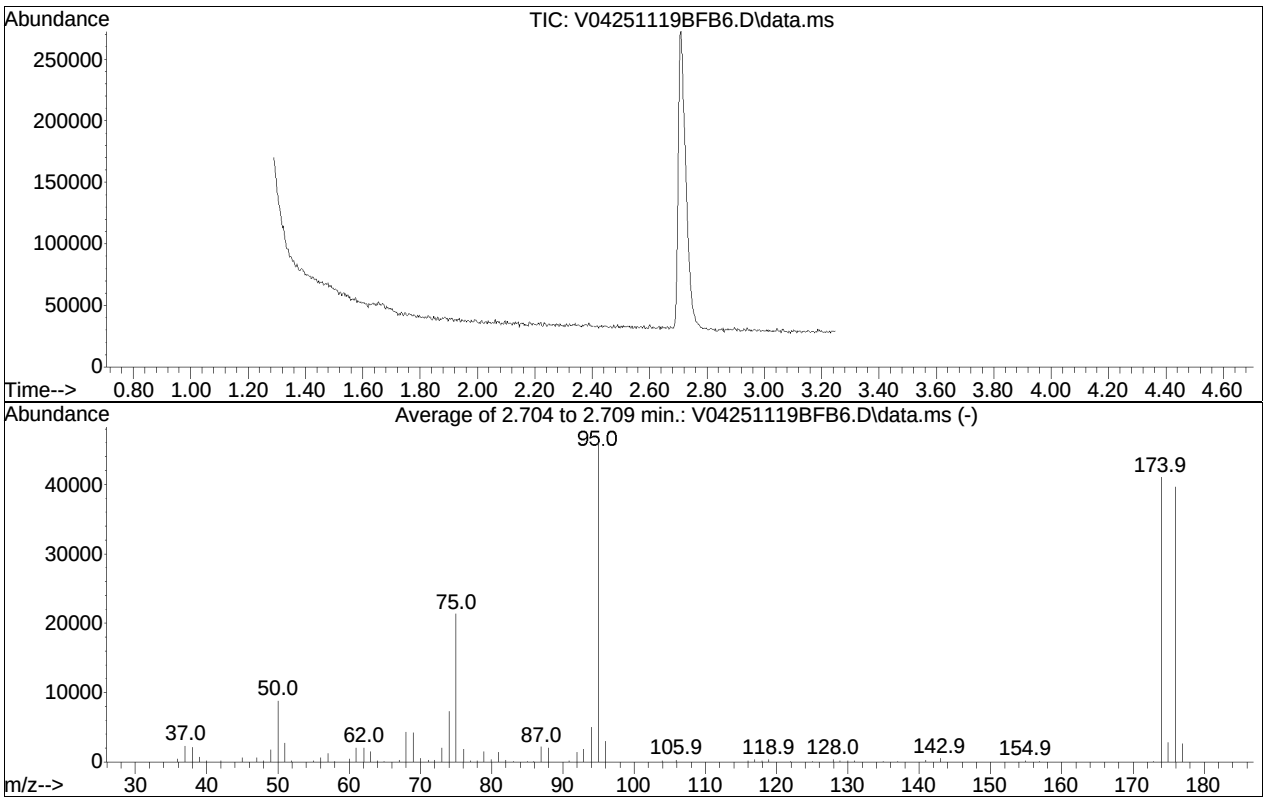
(#) = Out of Range

BFB

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119BFB6.D
Acq On : 19 Nov 2025 5:45 pm
Operator : VOA104:JFI
Sample : WG2144251-1
Misc : WG2144251,ICAL
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Nov 20 07:58:49 2025



Spectrum Information: Average of 2.704 to 2.709 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.2	8828	PASS
75	95	30	60	46.5	21395	PASS
95	95	100	100	100.0	46028	PASS
96	95	5	9	6.5	2997	PASS
173	174	0.00	2	0.3	134	PASS
174	95	50	100	89.3	41093	PASS
175	174	5	9	7.0	2887	PASS
176	174	95	101	96.4	39616	PASS
177	176	5	9	6.7	2636	PASS

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A02.D
Acq On : 19 Nov 2025 6:33 pm
Operator : VOA104:JIC
Sample : I8260STD0.5PPB
Misc : WG2144251,ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 20 07:32:46 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-L0_OH - Level 0.5ppb for Soils OH

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.382	96	312341	20.000	ug/L	0.00
Standard Area 1 = 299397			Recovery = 104.32%			
59) Chlorobenzene-d5	8.838	117	242931	20.000	ug/L	0.00
Standard Area 1 = 232239			Recovery = 104.60%			
79) 1,4-Dichlorobenzene-d4	11.674	152	138186	20.000	ug/L	0.00
Standard Area 1 = 124245			Recovery = 111.22%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.612	113	91731	20.450	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.25%			
43) 1,2-Dichloroethane-d4	5.110	65	80621	20.582	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.91%			
60) Toluene-d8	7.024	98	314229	19.973	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.86%			
83) 4-Bromofluorobenzene	10.395	95	115874	19.372	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.86%			
Target Compounds						Qvalue
37) 1,1,1-Trichloroethane	4.622	97	2168	0.326	ug/L	98
40) 1,1-Dichloropropene	4.748	75	1769	0.329	ug/L #	73
41) Benzene	4.979	78	5795	0.363	ug/L #	93
48) Trichloroethene	5.561	95	1169	0.268	ug/L	90
54) Bromodichloromethane	6.164	83	2290	0.368	ug/L #	65
58) cis-1,3-Dichloropropene	6.845	75	1984	0.281	ug/L #	44
63) Tetrachloroethene	7.527	166	1125	0.233	ug/L #	70
69) Chlorodibromomethane	7.967	129	1901	0.387	ug/L	87
71) 1,2-Dibromoethane	8.240	107	1237	0.345	ug/L #	61
73) Chlorobenzene	8.859	112	4396	0.366	ug/L #	62
75) 1,1,1,2-Tetrachloroethane	8.948	131	1642	0.353	ug/L #	66
76) p/m Xylene	9.105	106	5129	0.699	ug/L	91
77) o Xylene	9.635	106	5255	0.703	ug/L	97
78) Styrene	9.734	104	9490M1	0.786	ug/L	
87) 1,1,2,2-Tetrachloroethane	10.688	83	2150M6	0.490	ug/L	

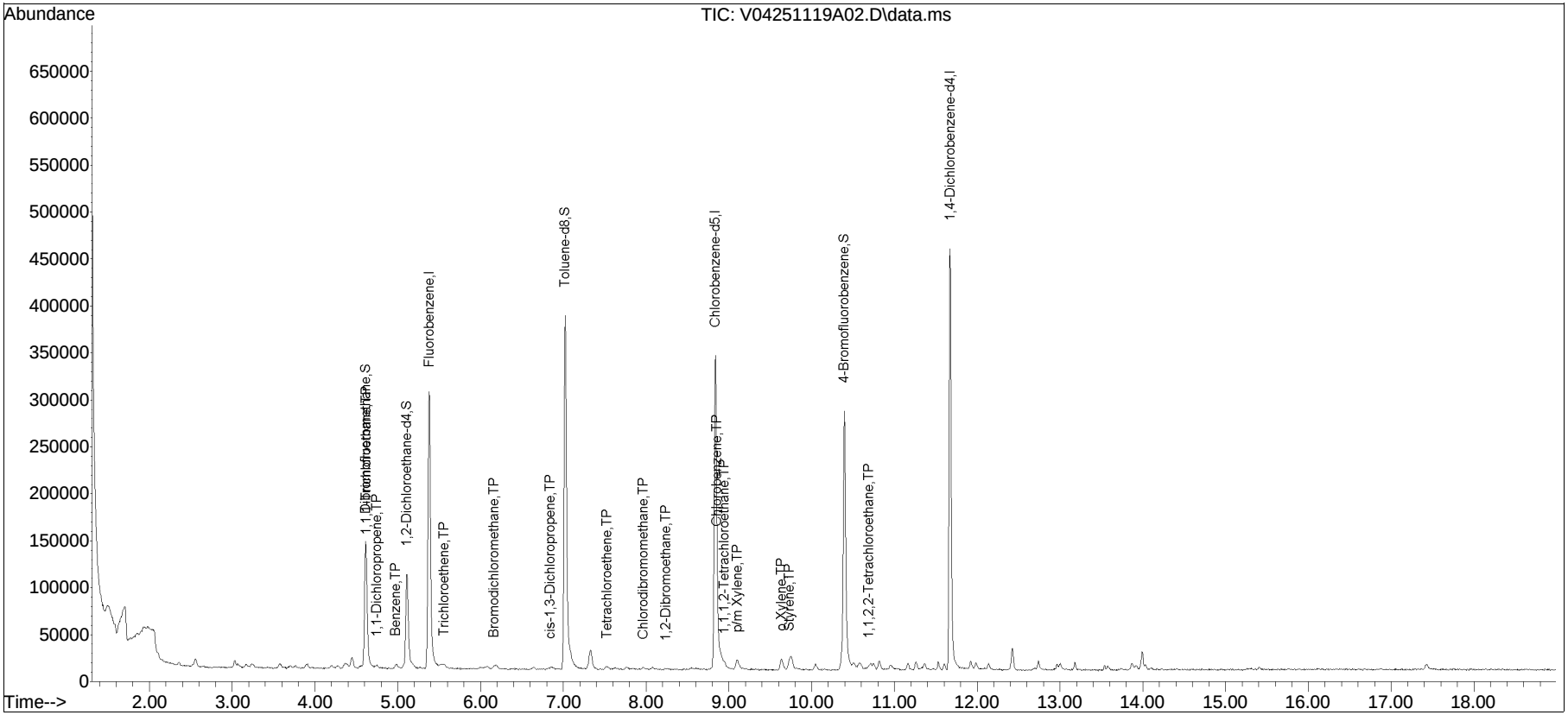
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A02.D
Acq On : 19 Nov 2025 6:33 pm
Operator : VOA104:JIC
Sample : I8260STD0.5PPB
Misc : WG2144251,ICAL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 20 07:32:46 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

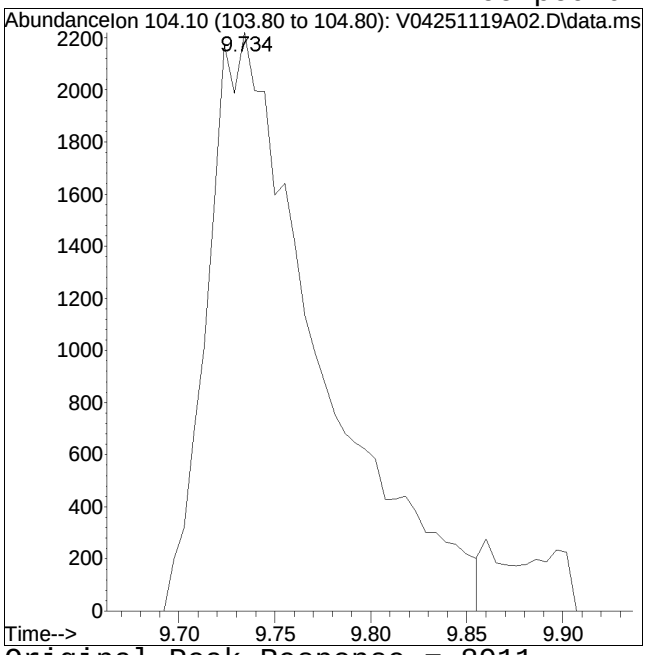
Sub List : 8260-L0_OH - Level 0.5ppb for Soils OH9A10.D•



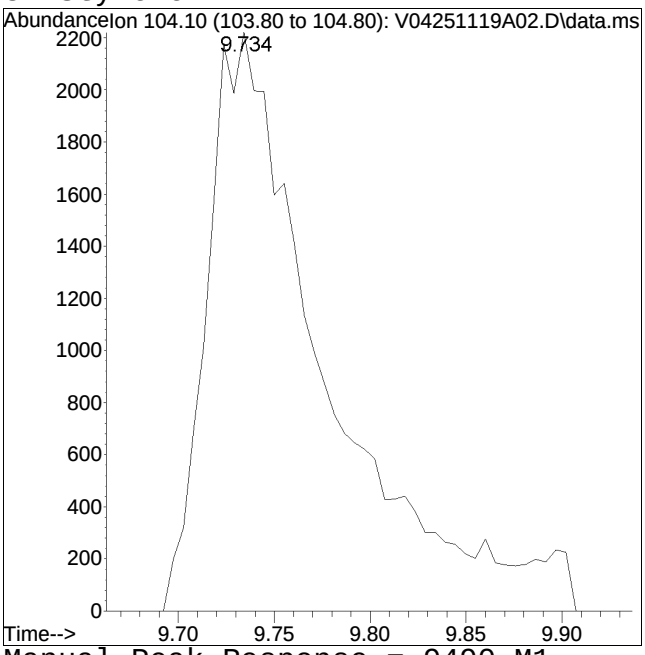
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A02.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 6:33 pm Instrument : VOA104
Sample : I8260STD0.5PPB Quant Date : 11/20/2025 7:24 am

Compound #78: Styrene



Original Peak Response = 8911



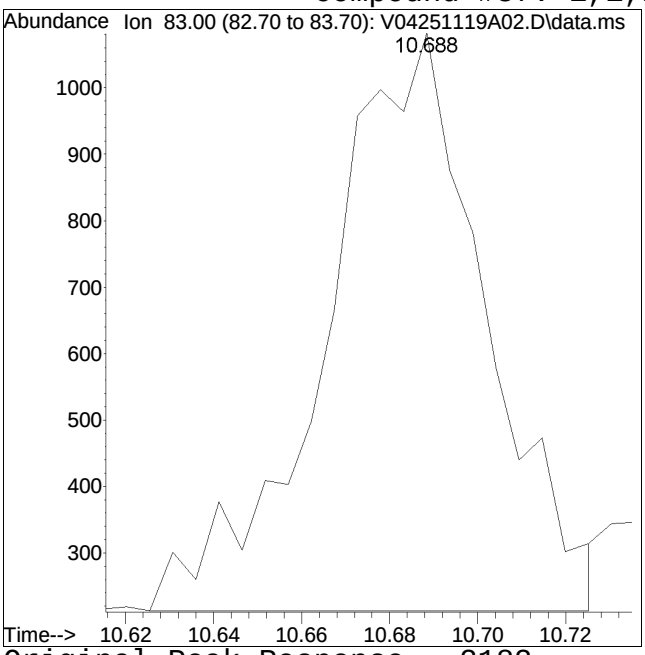
Manual Peak Response = 9490 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

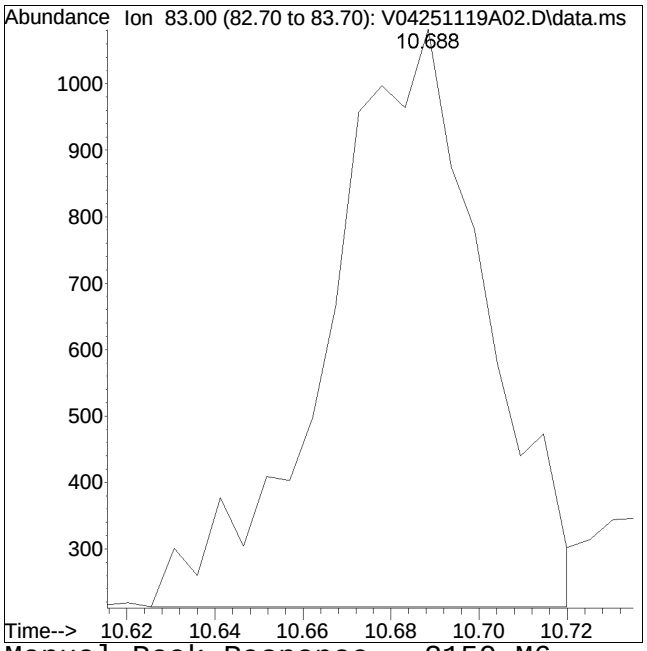
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A02.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 6:33 pm Instrument : VOA104
Sample : I8260STD0.5PPB Quant Date : 11/20/2025 7:24 am

Compound #87: 1,1,2,2-Tetrachloroethane



Original Peak Response = 2182



Manual Peak Response = 2150 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A04.D
Acq On : 19 Nov 2025 7:25 pm
Operator : VOA104:JIC
Sample : I8260STD1.0PPB
Misc : WG2144251,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 20 07:37:23 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.377	96	312880	20.000 ug/L	0.00
Standard Area 1 = 299397			Recovery = 104.50%		
59) Chlorobenzene-d5	8.838	117	238742	20.000 ug/L	0.00
Standard Area 1 = 232239			Recovery = 102.80%		
79) 1,4-Dichlorobenzene-d4	11.674	152	136336	20.000 ug/L	0.00
Standard Area 1 = 124245			Recovery = 109.73%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.612	113	92254	20.531 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.65%		
43) 1,2-Dichloroethane-d4	5.110	65	83341	21.240 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.20%		
60) Toluene-d8	7.024	98	309820	20.038 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.19%		
83) 4-Bromofluorobenzene	10.395	95	115146	19.511 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.55%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.408	85	4536M1	0.818 ug/L	
3) Chloromethane	1.571	50	5610	0.979 ug/L	93
4) Vinyl chloride	1.629	62	4016	0.687 ug/L	83
5) Bromomethane	1.886	94	2349	0.716 ug/L	95
6) Chloroethane	1.985	64	3412M6	0.953 ug/L	
7) Trichlorofluoromethane	2.100	101	4130	0.587 ug/L	89
8) Ethyl ether	2.357	74	2068	0.965 ug/L	83
10) 1,1-Dichloroethene	2.530	96	3081	0.786 ug/L	83
11) Carbon disulfide	2.557	76	13337	0.952 ug/L	91
12) Freon-113	2.557	101	2275	0.555 ug/L #	1
14) Acrolein	0.000		0	N.D. d	
15) Methylene chloride	3.029	84	6301	1.387 ug/L	86
17) Acetone	3.076	43	4665	3.041 ug/L	92
18) trans-1,2-Dichloroethene	3.175	96	3862	0.891 ug/L	81
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	3.249	73	10632	0.956 ug/L	93
21) tert-Butyl alcohol	3.343	59	1990	5.365 ug/L #	71
22) Diisopropyl ether	3.579	45	12456	0.890 ug/L	91
23) 1,1-Dichloroethane	3.705	63	6913	0.831 ug/L	88
24) Halothane	3.763	117	2666	0.765 ug/L	94
25) Acrylonitrile	0.000		0	N.D. d	

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A04.D
Acq On : 19 Nov 2025 7:25 pm
Operator : VOA104:JIC
Sample : I8260STD1.0PPB
Misc : WG2144251,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 20 07:37:23 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	3.899	59	11911	0.901	ug/L	#	70
27) Vinyl acetate	0.000		0	N.D.	d		
28) cis-1,2-Dichloroethene	4.198	96	5187M1	1.071	ug/L		
29) 2,2-Dichloropropane	4.282	77	5614M3	0.833	ug/L		
30) Bromochloromethane	4.376	128	2458	1.079	ug/L		83
31) Cyclohexane	4.355	56	5222	0.778	ug/L		91
32) Chloroform	4.449	83	14658	1.824	ug/L		94
33) Ethyl acetate	0.000		0	N.D.	d		
34) Carbon tetrachloride	4.554	117	4683	0.729	ug/L	#	92
35) Tetrahydrofuran	4.591	42	1014M6	1.095	ug/L		
37) 1,1,1-Trichloroethane	4.622	97	6386M1	0.960	ug/L		
39) 2-Butanone	0.000		0	N.D.	d		
40) 1,1-Dichloropropene	4.743	75	3927	0.729	ug/L		95
41) Benzene	4.984	78	13938	0.873	ug/L		94
42) tert-Amyl methyl ether	5.079	73	10267	0.950	ug/L		96
44) 1,2-Dichloroethane	5.183	62	5397	0.992	ug/L		94
47) Methyl cyclohexane	5.524	83	3581	0.540	ug/L		99
48) Trichloroethene	5.561	95	3305	0.755	ug/L		93
50) Dibromomethane	6.007	93	2876	1.115	ug/L		85
51) 1,2-Dichloropropane	6.085	63	4188	0.937	ug/L		92
53) 2-Chloroethyl vinyl ether	0.000		0	N.D.	d		
54) Bromodichloromethane	6.169	83	5522	0.886	ug/L	#	74
57) 1,4-Dioxane	6.395	88	515M6	18.565	ug/L		
58) cis-1,3-Dichloropropene	6.845	75	5845M1	0.825	ug/L		
61) Toluene	7.087	92	10097	1.017	ug/L		95
62) 4-Methyl-2-pentanone	0.000		0	N.D.	d		
63) Tetrachloroethene	7.522	166	3270	0.690	ug/L		86
65) trans-1,3-Dichloropropene	7.616	75	4751M6	0.817	ug/L		
67) Ethyl methacrylate	0.000		0	N.D.	d		
68) 1,1,2-Trichloroethane	7.763	83	3609	1.275	ug/L		95
69) Chlorodibromomethane	7.967	129	4495	0.930	ug/L		98
70) 1,3-Dichloropropane	8.078	76	5181	0.961	ug/L		92
71) 1,2-Dibromoethane	8.230	107	3392	0.963	ug/L		83
72) 2-Hexanone	0.000		0	N.D.	d		
73) Chlorobenzene	8.864	112	10640	0.900	ug/L	#	65
74) Ethylbenzene	8.906	91	15292	0.808	ug/L		99
75) 1,1,1,2-Tetrachloroethane	8.948	131	4284	0.937	ug/L		96
76) p/m Xylene	9.100	106	12586	1.746	ug/L		95
77) o Xylene	9.629	106	12903	1.757	ug/L		98
78) Styrene	9.719	104	21070	1.777	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A04.D
Acq On : 19 Nov 2025 7:25 pm
Operator : VOA104:JIC
Sample : I8260STD1.0PPB
Misc : WG2144251,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 20 07:37:23 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	9.740	173	3054	0.940	ug/L		100
82) Isopropylbenzene	10.049	105	15584	0.787	ug/L		98
84) Bromobenzene	10.510	156	4683	0.844	ug/L		97
85) n-Propylbenzene	10.573	91	17396	0.757	ug/L		96
86) 1,4-Dichlorobutane	10.599	55	6307	1.078	ug/L	#	77
87) 1,1,2,2-Tetrachloroethane	10.678	83	5485	1.268	ug/L		94
88) 4-Ethyltoluene	10.710	105	15277	0.805	ug/L		98
89) 2-Chlorotoluene	10.746	91	11205M6	0.825	ug/L		
90) 1,3,5-Trimethylbenzene	10.814	105	13197	0.802	ug/L		99
91) 1,2,3-Trichloropropane	10.814	75	3268	1.063	ug/L		92
92) trans-1,4-Dichloro-2-b...	0.000		0	N.D.	d		
93) 4-Chlorotoluene	10.951	91	11375	0.834	ug/L		96
94) tert-Butylbenzene	11.160	119	10746	0.753	ug/L		91
97) 1,2,4-Trimethylbenzene	11.260	105	14456	0.883	ug/L		98
98) sec-Butylbenzene	11.365	105	14381	0.677	ug/L		99
99) p-Isopropyltoluene	11.527	119	12774	0.701	ug/L		98
100) 1,3-Dichlorobenzene	11.601	146	8295	0.845	ug/L		97
101) 1,4-Dichlorobenzene	11.690	146	9561M3	0.977	ug/L		
102) p-Diethylbenzene	11.921	119	8174M1	0.761	ug/L		
103) n-Butylbenzene	11.989	91	12710M4	0.781	ug/L		
104) 1,2-Dichlorobenzene	12.136	146	8383	0.900	ug/L		96
105) 1,2,4,5-Tetramethylben...	12.739	119	13209	0.783	ug/L		96
106) 1,2-Dibromo-3-chloropr...	12.933	155	637	0.845	ug/L		95
107) 1,3,5-Trichlorobenzene	12.964	180	5921	0.786	ug/L		96
108) Hexachlorobutadiene	13.541	225	2454	0.621	ug/L		97
109) 1,2,4-Trichlorobenzene	13.578	180	5349	0.848	ug/L	#	95
110) Naphthalene	13.871	128	10824M1	0.994	ug/L		
111) 1,2,3-Trichlorobenzene	14.028	180	4500	0.855	ug/L		98

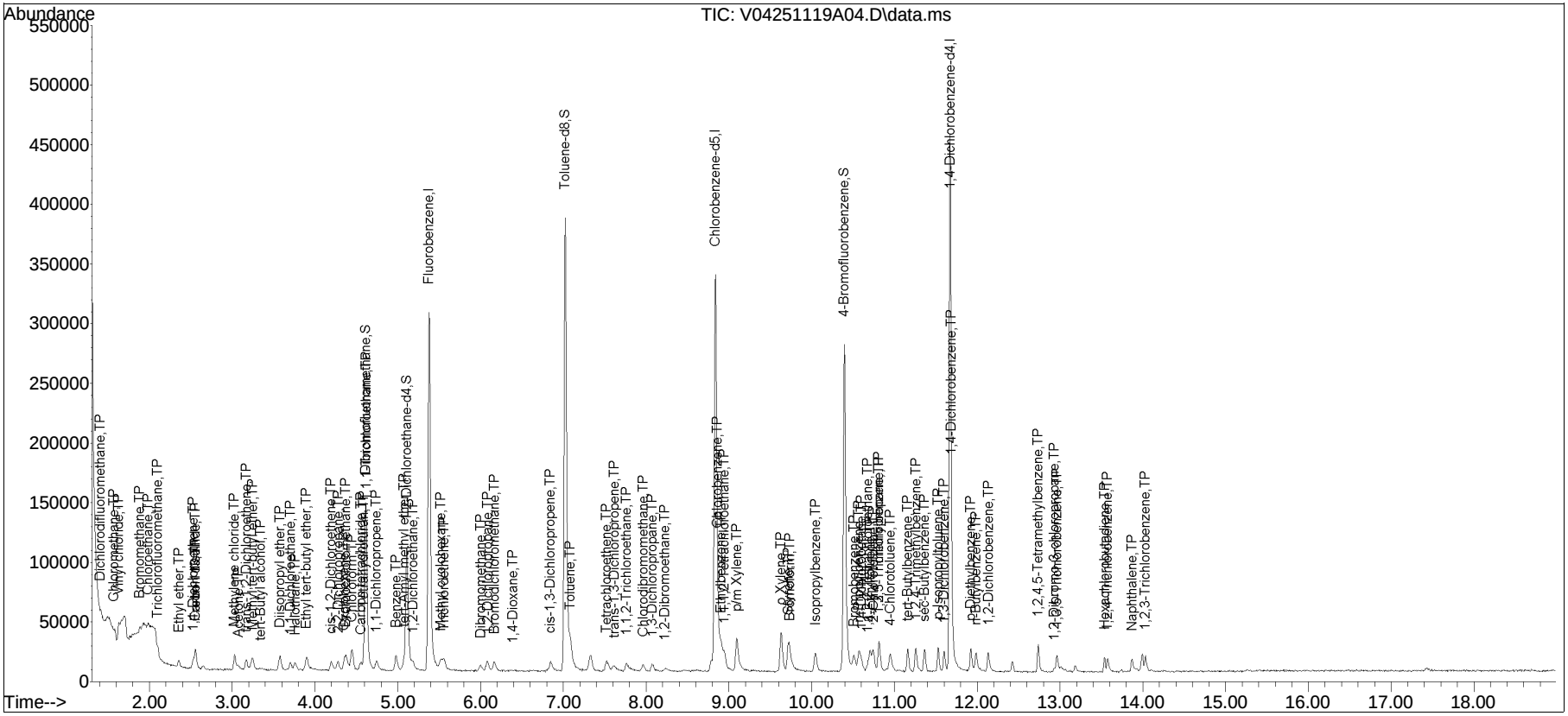
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A04.D
Acq On : 19 Nov 2025 7:25 pm
Operator : VOA104:JIC
Sample : I8260STD1.0PPB
Misc : WG2144251,ICAL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 20 07:37:23 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

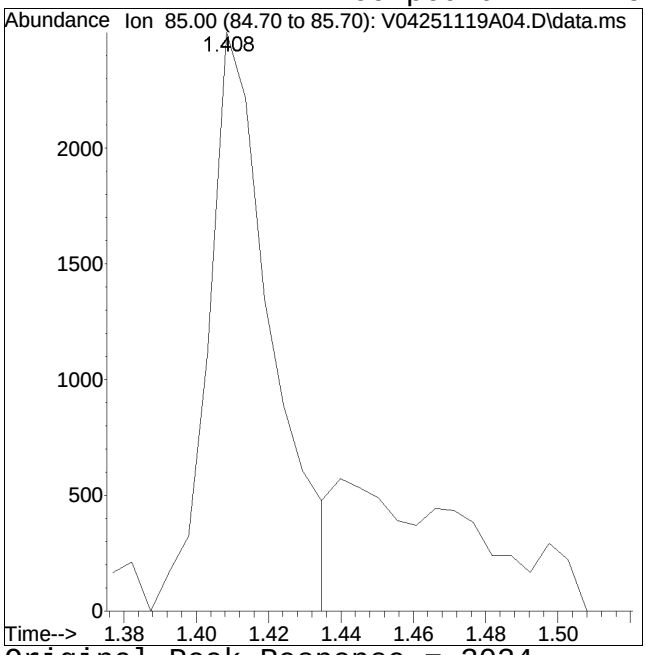
Sub List : 8260-CurveSoil - Megamix plus Diox51119A10.D•

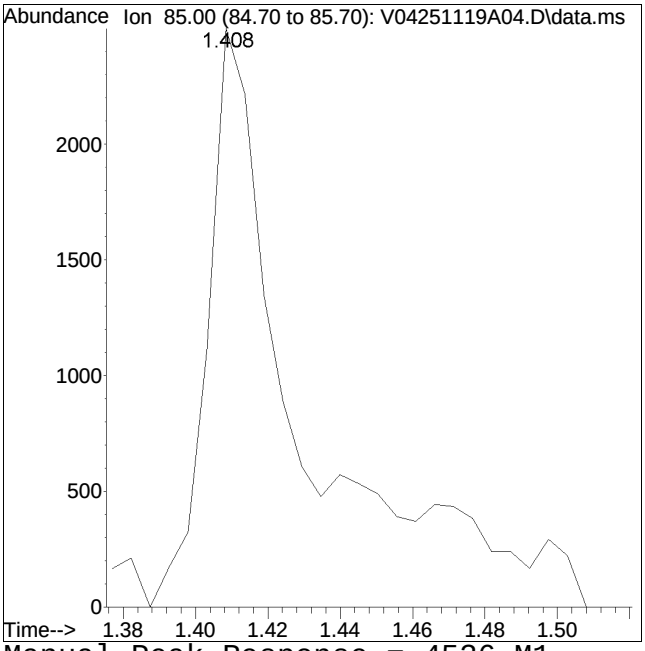


Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #2: Dichlorodifluoromethane



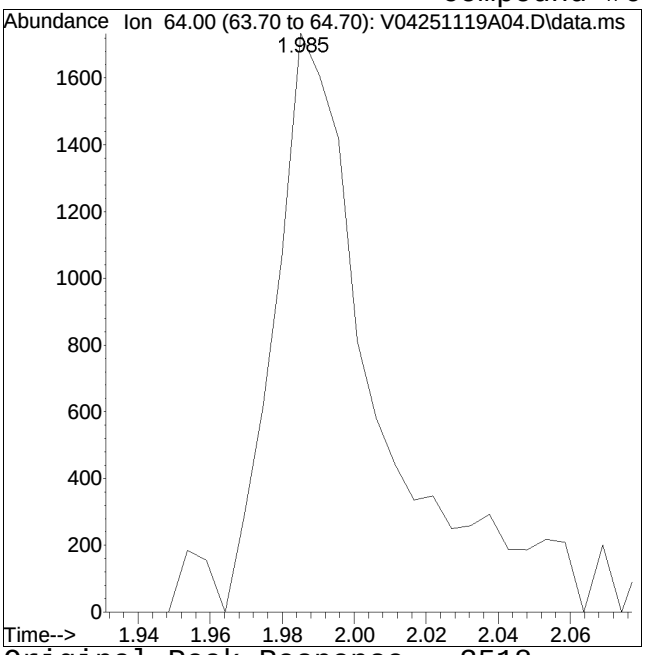


Original Peak Response = 3034 Manual Peak Response = 4536 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

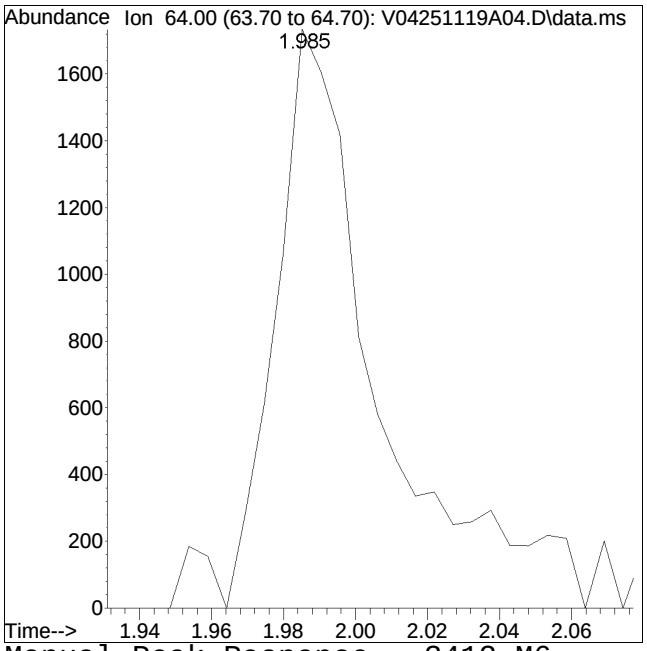
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #6: Chloroethane



Original Peak Response = 3518



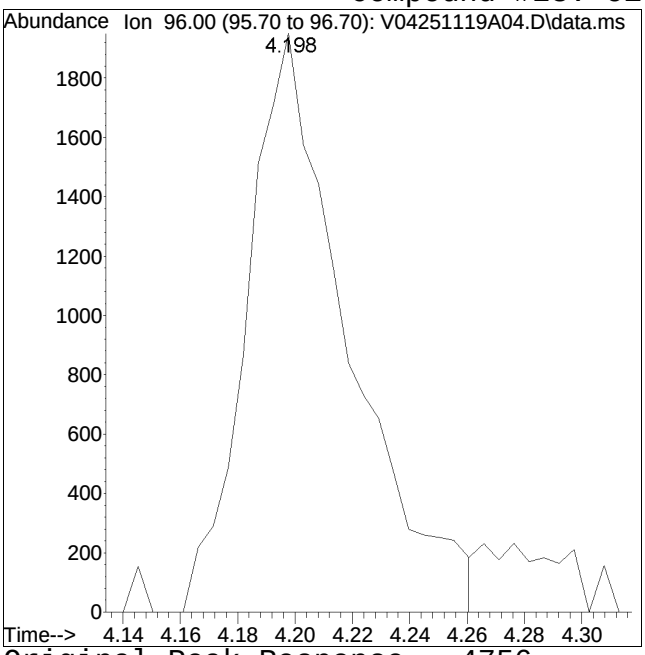
Manual Peak Response = 3412 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

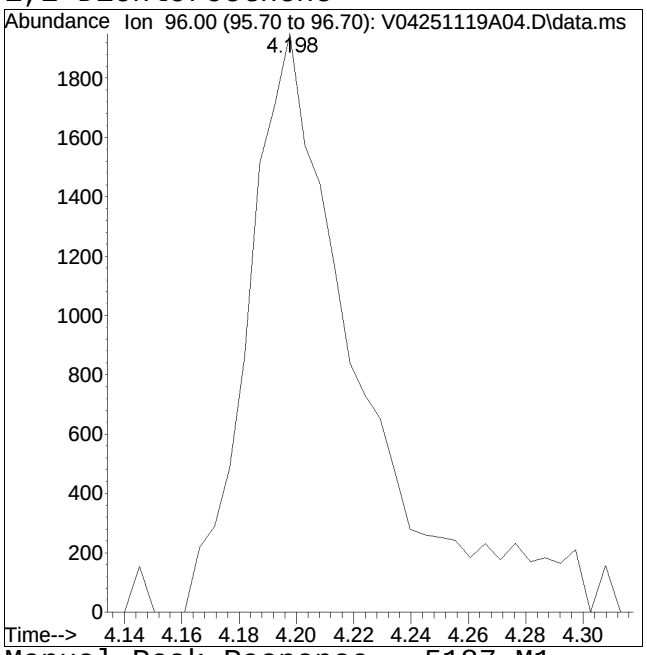
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #28: cis-1,2-Dichloroethene



Original Peak Response = 4756



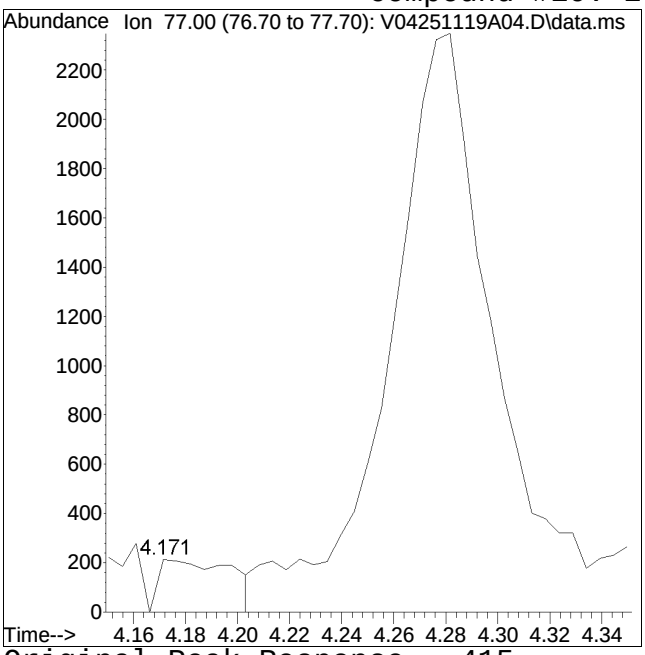
Manual Peak Response = 5187 M1

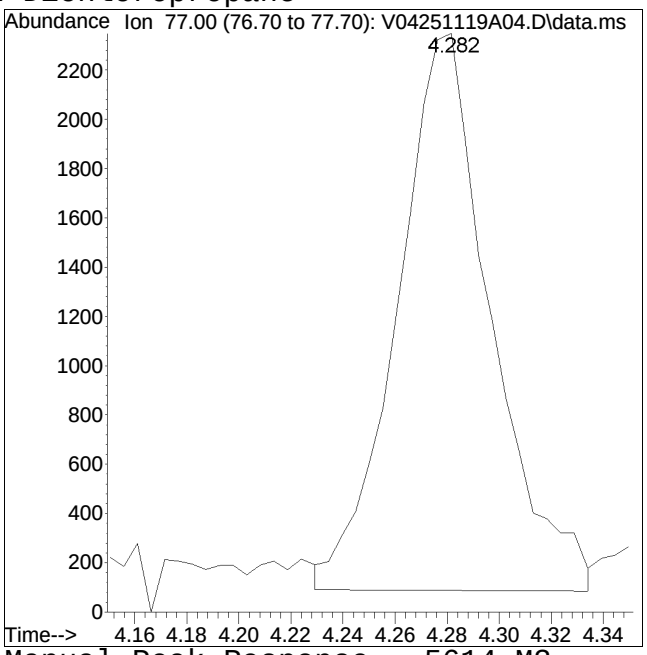
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #29: 2,2-Dichloropropane





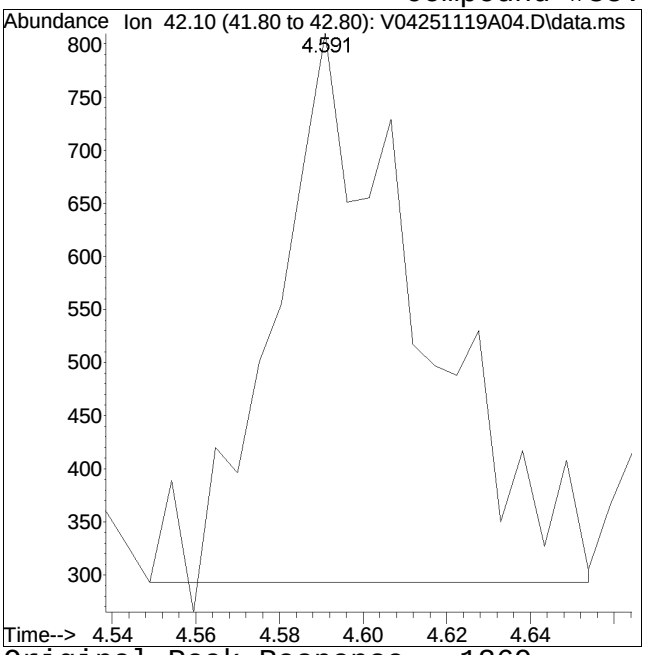
Original Peak Response = 415 Manual Peak Response = 5614 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

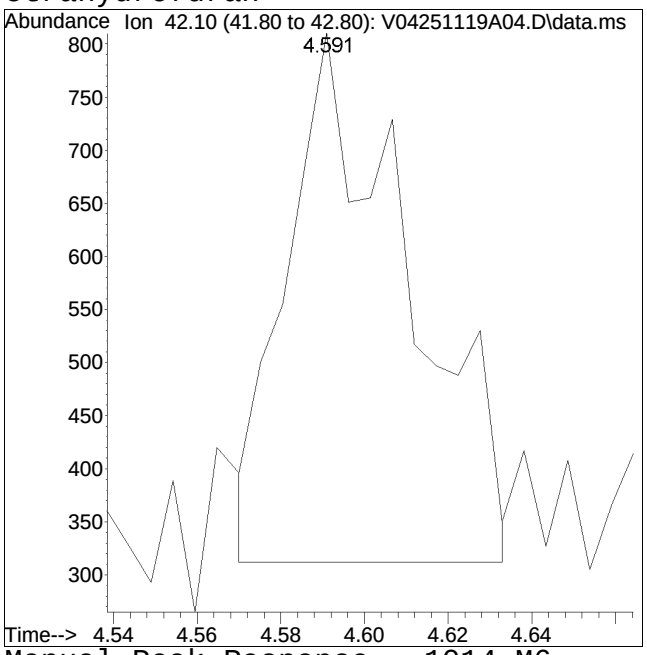
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #35: Tetrahydrofuran



Original Peak Response = 1269



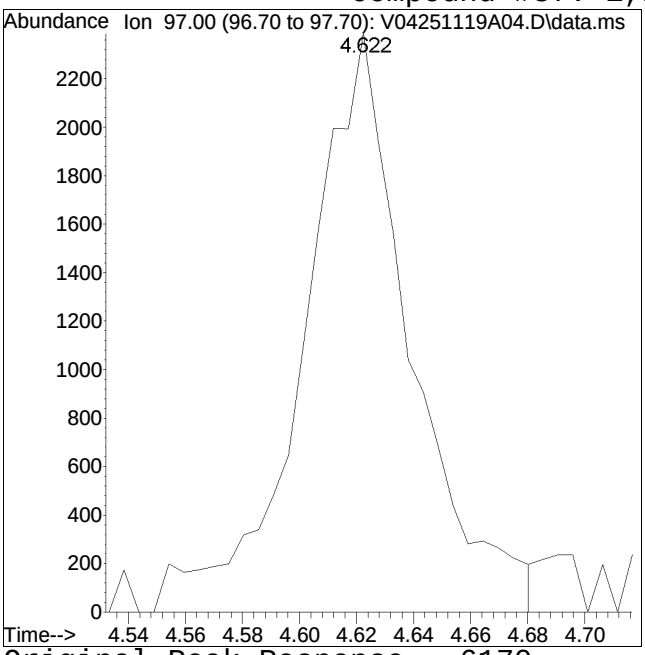
Manual Peak Response = 1014 M6

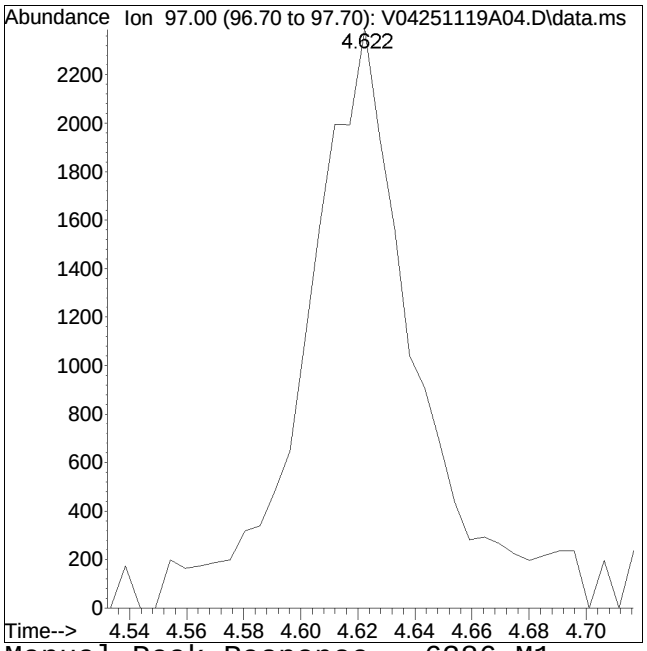
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #37: 1,1,1-Trichloroethane





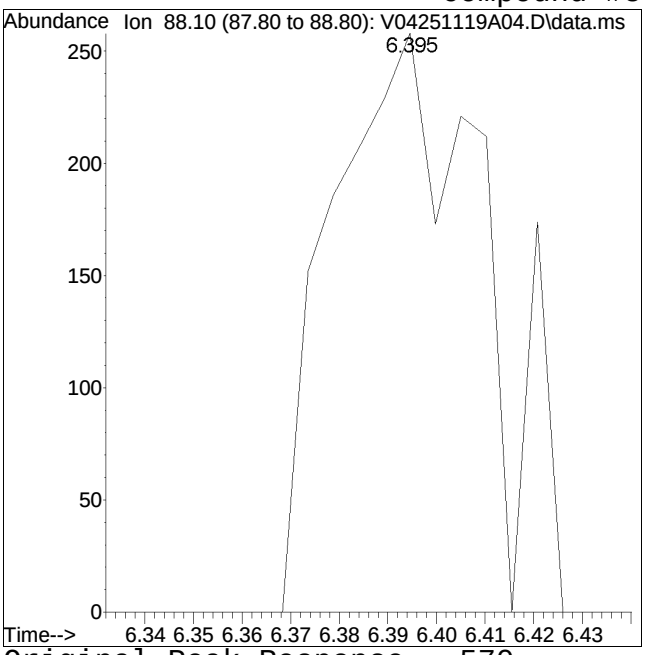
Original Peak Response = 6170 Manual Peak Response = 6386 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

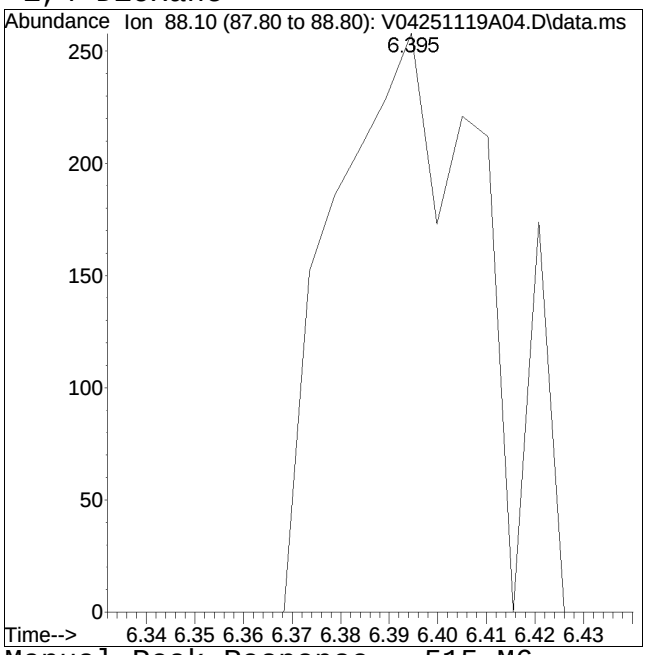
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #57: 1,4-Dioxane



Original Peak Response = 570



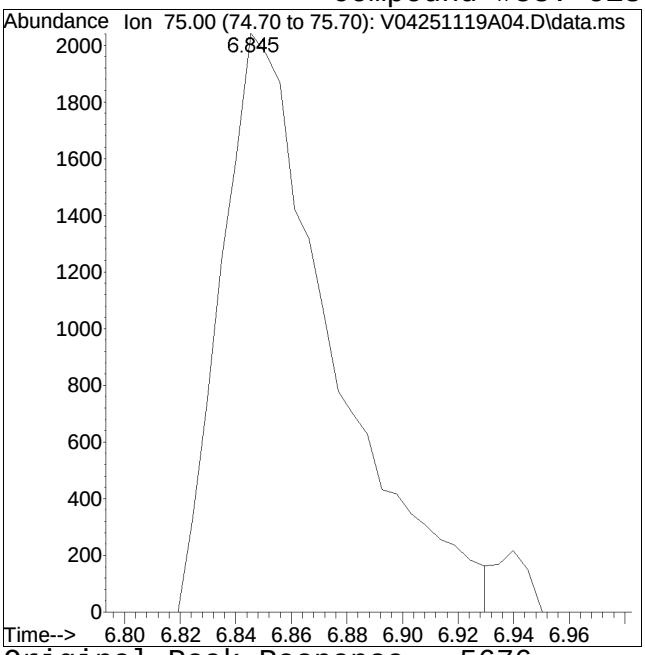
Manual Peak Response = 515 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

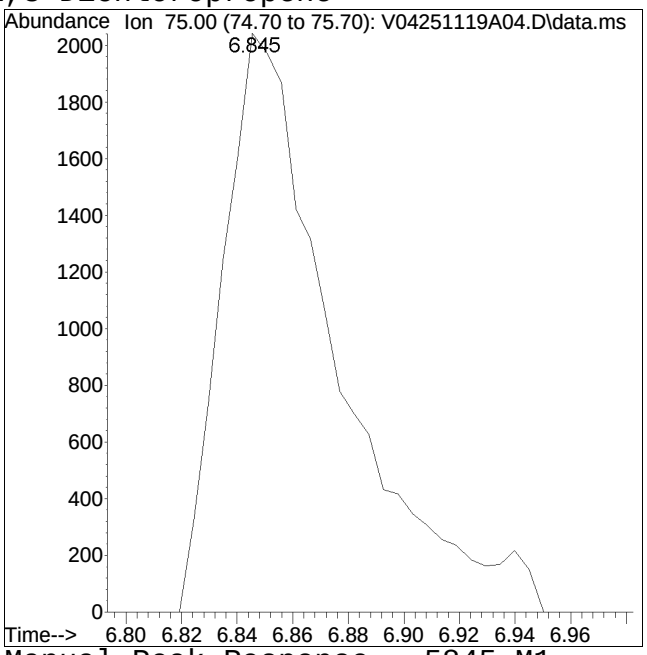
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #58: cis-1,3-Dichloropropene



Original Peak Response = 5676



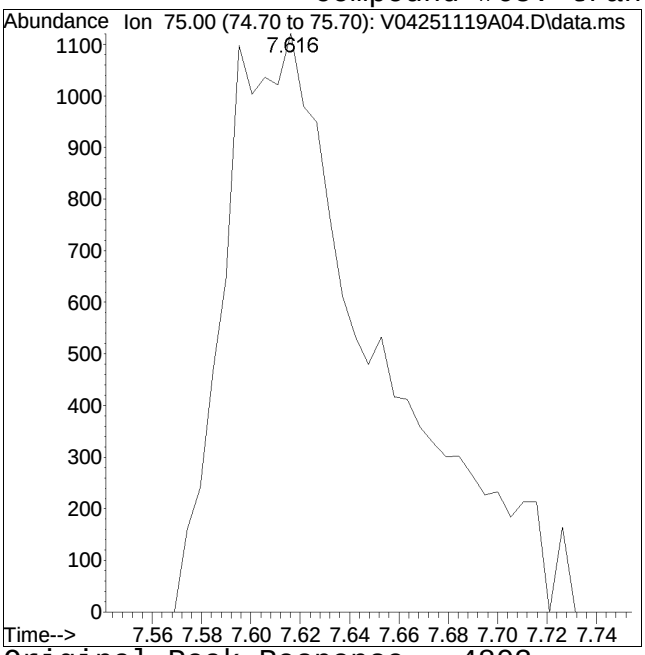
Manual Peak Response = 5845 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

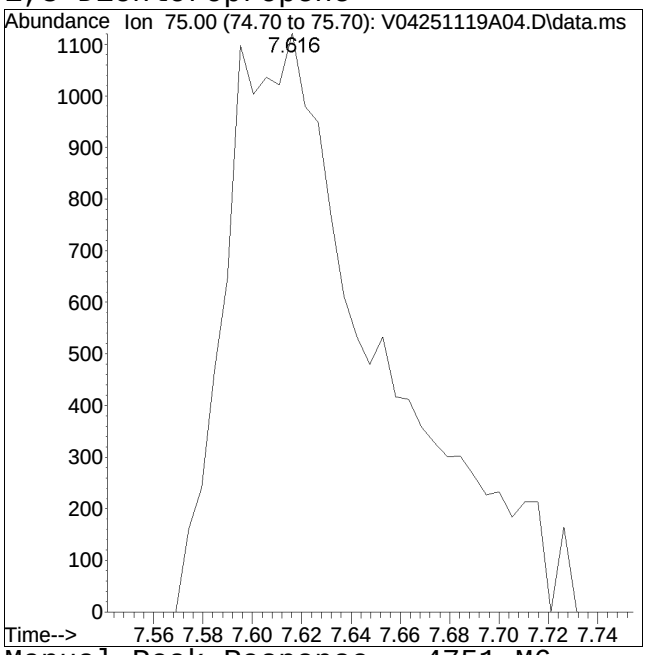
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #65: trans-1,3-Dichloropropene



Original Peak Response = 4803



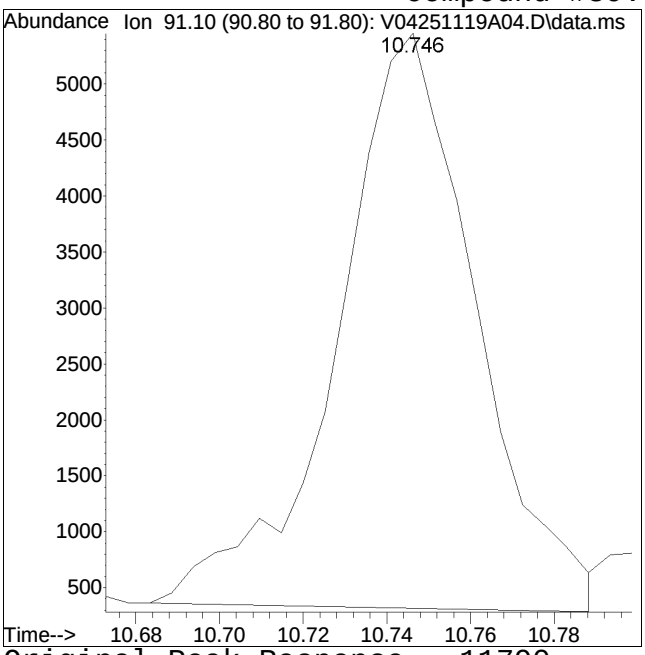
Manual Peak Response = 4751 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

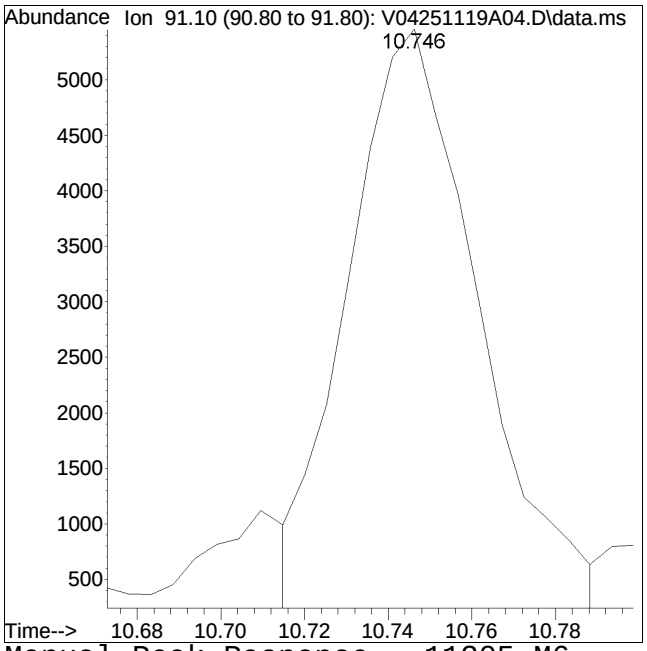
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 11790



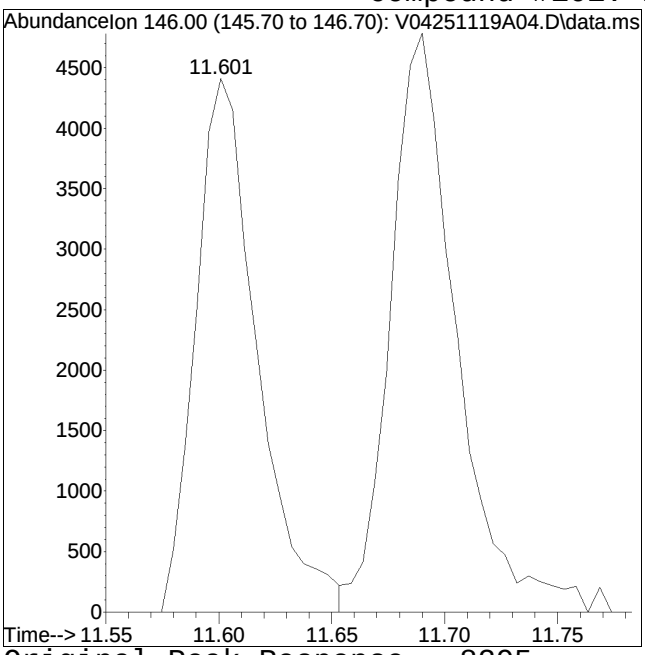
Manual Peak Response = 11205 M6

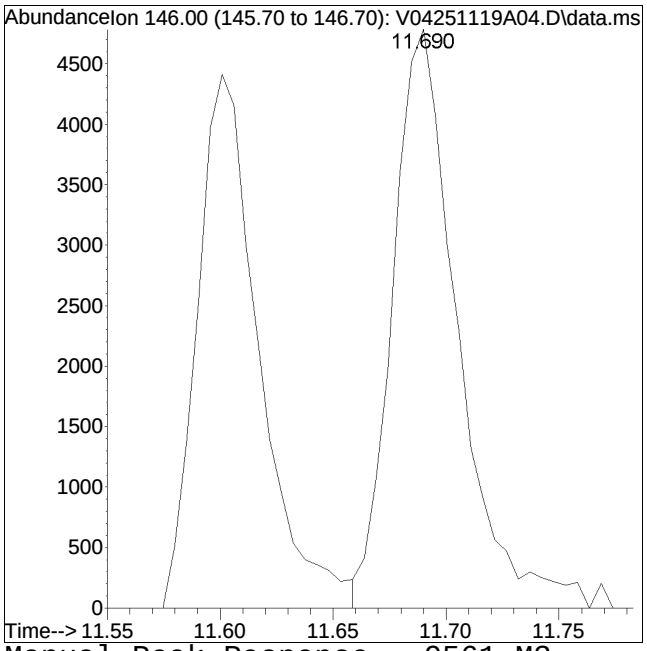
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #101: 1,4-Dichlorobenzene





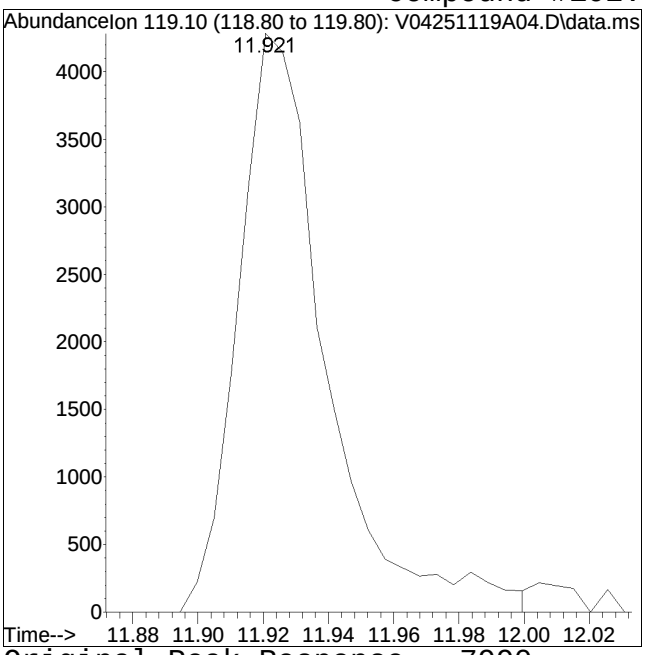
Original Peak Response = 8295 Manual Peak Response = 9561 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

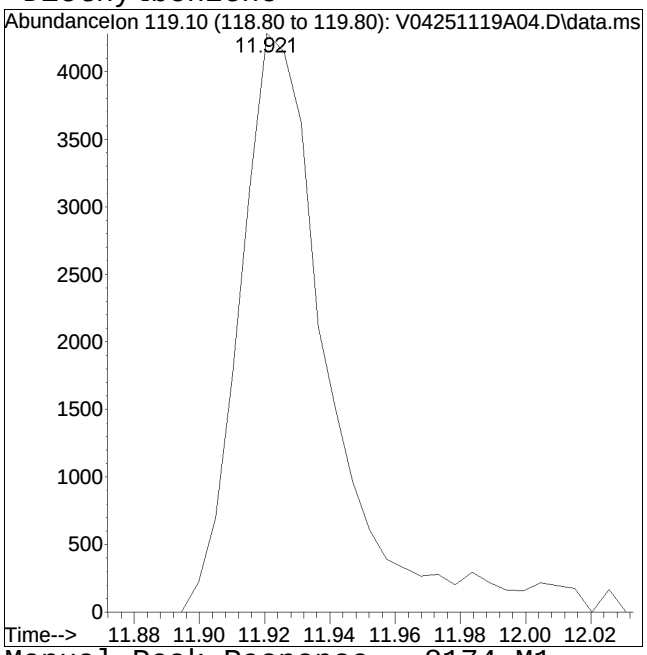
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #102: p-Diethylbenzene



Original Peak Response = 7990



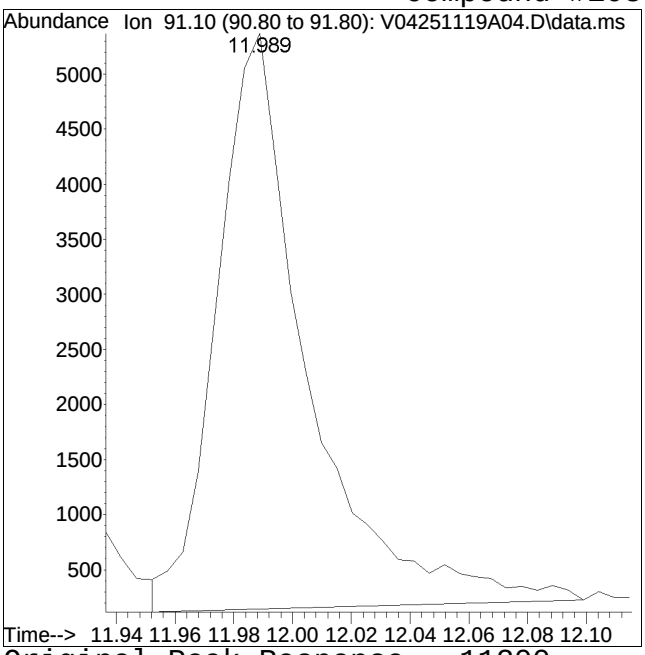
Manual Peak Response = 8174 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

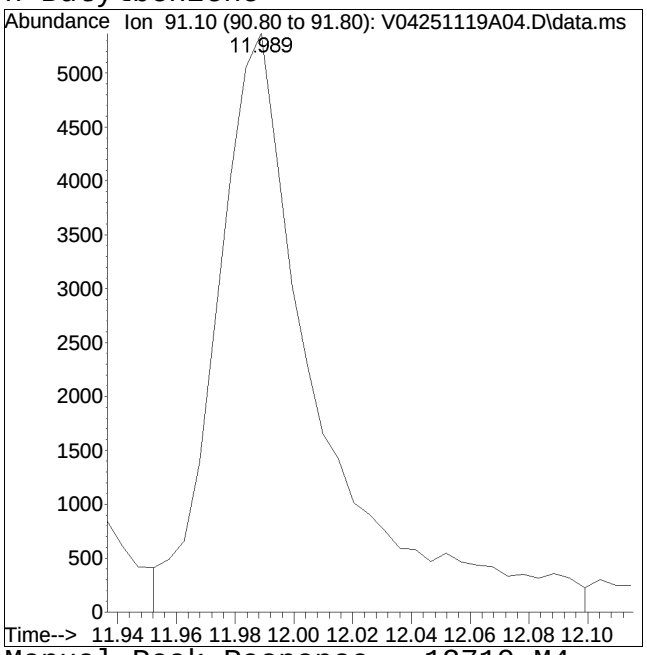
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #103: n-Butylbenzene



Original Peak Response = 11200



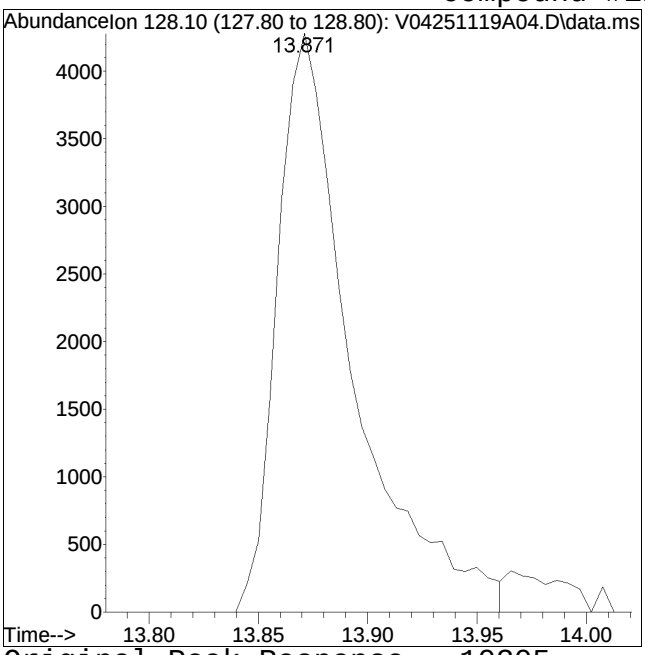
Manual Peak Response = 12710 M4

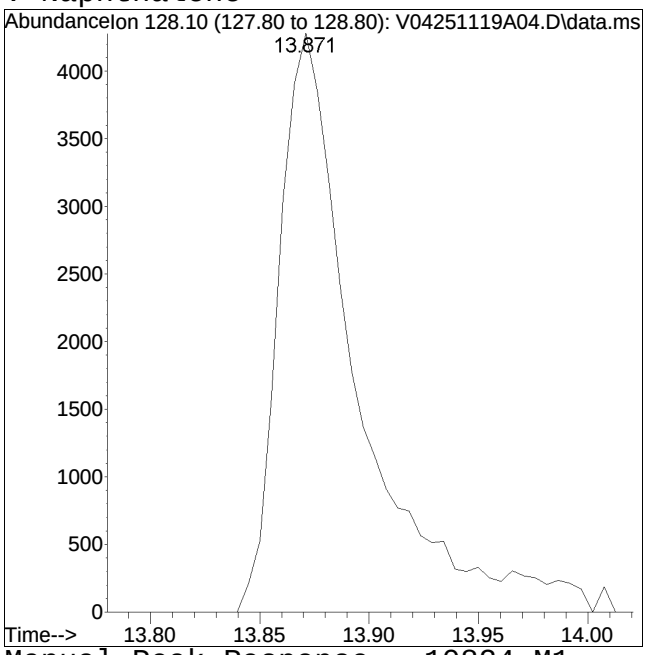
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A04.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 7:25 pm Instrument : VOA104
Sample : I8260STD1.0PPB Quant Date : 11/20/2025 7:24 am

Compound #110: Naphthalene





Original Peak Response = 10305 Manual Peak Response = 10824 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A06.D
Acq On : 19 Nov 2025 8:18 pm
Operator : VOA104:JIC
Sample : I8260STD2.0PPB
Misc : WG2144251,ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 20 07:42:13 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.377	96	311435	20.000 ug/L	0.00
Standard Area 1 = 299397			Recovery = 104.02%		
59) Chlorobenzene-d5	8.838	117	238622	20.000 ug/L	0.00
Standard Area 1 = 232239			Recovery = 102.75%		
79) 1,4-Dichlorobenzene-d4	11.674	152	134556	20.000 ug/L	0.00
Standard Area 1 = 124245			Recovery = 108.30%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.612	113	92225	20.620 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.10%		
43) 1,2-Dichloroethane-d4	5.110	65	83701	21.430 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.15%		
60) Toluene-d8	7.024	98	313023	20.255 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.28%		
83) 4-Bromofluorobenzene	10.395	95	114057	19.582 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.91%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.408	85	11375	2.061 ug/L #	93
3) Chloromethane	1.571	50	12701	2.227 ug/L	98
4) Vinyl chloride	1.629	62	11992	2.062 ug/L	94
5) Bromomethane	1.886	94	5723	1.752 ug/L	81
6) Chloroethane	1.985	64	8188	2.299 ug/L	85
7) Trichlorofluoromethane	2.100	101	13576	1.938 ug/L	96
8) Ethyl ether	2.352	74	4212	1.975 ug/L	97
10) 1,1-Dichloroethene	2.530	96	8187	2.099 ug/L	89
11) Carbon disulfide	2.557	76	32184	2.308 ug/L	98
12) Freon-113	2.562	101	7656	1.876 ug/L #	42
14) Acrolein	0.000		0	N.D. d	
15) Methylene chloride	3.029	84	11182	2.473 ug/L	94
17) Acetone	3.076	43	5730	3.753 ug/L	94
18) trans-1,2-Dichloroethene	3.170	96	9470	2.194 ug/L	91
19) Methyl acetate	0.000		0	N.D. d	
20) Methyl tert-butyl ether	3.243	73	22229	2.008 ug/L	95
21) tert-Butyl alcohol	3.343	59	3782	10.244 ug/L #	72
22) Diisopropyl ether	3.579	45	28488	2.045 ug/L	98
23) 1,1-Dichloroethane	3.705	63	17792	2.149 ug/L	92
24) Halothane	3.757	117	7176	2.070 ug/L	100
25) Acrylonitrile	3.804	53	1680M3	1.935 ug/L	

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A06.D
Acq On : 19 Nov 2025 8:18 pm
Operator : VOA104:JIC
Sample : I8260STD2.0PPB
Misc : WG2144251,ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 20 07:42:13 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	3.899	59	25598	1.946	ug/L	#	70
27) Vinyl acetate	0.000		0	N.D.	d		
28) cis-1,2-Dichloroethene	4.192	96	10608	2.201	ug/L		87
29) 2,2-Dichloropropane	4.276	77	15572	2.320	ug/L		97
30) Bromochloromethane	4.376	128	4908	2.164	ug/L		94
31) Cyclohexane	4.355	56	14766	2.211	ug/L		94
32) Chloroform	4.444	83	26077	3.260	ug/L		99
33) Ethyl acetate	0.000		0	N.D.	d		
34) Carbon tetrachloride	4.559	117	13348	2.087	ug/L		98
35) Tetrahydrofuran	4.596	42	1983M4	2.151	ug/L		
37) 1,1,1-Trichloroethane	4.622	97	15153	2.288	ug/L		97
39) 2-Butanone	0.000		0	N.D.	d		
40) 1,1-Dichloropropene	4.743	75	11585	2.160	ug/L	#	90
41) Benzene	4.979	78	34375	2.162	ug/L		98
42) tert-Amyl methyl ether	5.079	73	21902	2.035	ug/L		93
44) 1,2-Dichloroethane	5.178	62	11207	2.069	ug/L		98
47) Methyl cyclohexane	5.524	83	13990	2.119	ug/L		91
48) Trichloroethene	5.556	95	8352	1.918	ug/L	#	83
50) Dibromomethane	5.996	93	5397M1	2.102	ug/L		
51) 1,2-Dichloropropane	6.085	63	9184	2.065	ug/L		99
53) 2-Chloroethyl vinyl ether	6.809	63	3683M1	1.555	ug/L		
54) Bromodichloromethane	6.164	83	13977	2.253	ug/L	#	95
57) 1,4-Dioxane	6.389	88	1583	57.328	ug/L		94
58) cis-1,3-Dichloropropene	6.845	75	13506M1	1.916	ug/L		
61) Toluene	7.081	92	23965	2.415	ug/L		96
62) 4-Methyl-2-pentanone	7.553	58	2229	1.946	ug/L		88
63) Tetrachloroethene	7.517	166	9736	2.055	ug/L		96
65) trans-1,3-Dichloropropene	7.595	75	10758M1	1.851	ug/L		
67) Ethyl methacrylate	7.789	69	8664M1	2.088	ug/L		
68) 1,1,2-Trichloroethane	7.758	83	7038M1	2.488	ug/L		
69) Chlorodibromomethane	7.962	129	10012	2.074	ug/L		94
70) 1,3-Dichloropropane	8.067	76	10914	2.026	ug/L		96
71) 1,2-Dibromoethane	8.230	107	6793	1.930	ug/L		99
72) 2-Hexanone	0.000		0	N.D.	d		
73) Chlorobenzene	8.859	112	24856	2.105	ug/L	#	84
74) Ethylbenzene	8.906	91	40673	2.149	ug/L		98
75) 1,1,1,2-Tetrachloroethane	8.943	131	9425	2.063	ug/L		97
76) p/m Xylene	9.089	106	32613	4.527	ug/L		97
77) o Xylene	9.629	106	32216	4.390	ug/L		99
78) Styrene	9.713	104	50783	4.284	ug/L		99

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A06.D
Acq On : 19 Nov 2025 8:18 pm
Operator : VOA104:JIC
Sample : I8260STD2.0PPB
Misc : WG2144251,ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 20 07:42:13 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	9.729	173	6580	2.053	ug/L		93
82) Isopropylbenzene	10.044	105	43034	2.201	ug/L		99
84) Bromobenzene	10.516	156	10940	1.997	ug/L		100
85) n-Propylbenzene	10.568	91	48363	2.133	ug/L		98
86) 1,4-Dichlorobutane	10.594	55	11420	1.978	ug/L	#	86
87) 1,1,2,2-Tetrachloroethane	10.683	83	9528	2.231	ug/L		93
88) 4-Ethyltoluene	10.704	105	40700	2.172	ug/L		98
89) 2-Chlorotoluene	10.741	91	29074M6	2.169	ug/L		
90) 1,3,5-Trimethylbenzene	10.809	105	35057	2.160	ug/L		96
91) 1,2,3-Trichloropropane	10.814	75	6591	2.172	ug/L		94
92) trans-1,4-Dichloro-2-b...	10.893	53	3054	2.685	ug/L	#	57
93) 4-Chlorotoluene	10.940	91	27643	2.054	ug/L		92
94) tert-Butylbenzene	11.160	119	30216	2.145	ug/L		99
97) 1,2,4-Trimethylbenzene	11.255	105	34767	2.153	ug/L		98
98) sec-Butylbenzene	11.360	105	44456	2.120	ug/L		98
99) p-Isopropyltoluene	11.527	119	38983	2.167	ug/L		99
100) 1,3-Dichlorobenzene	11.601	146	20041	2.069	ug/L		99
101) 1,4-Dichlorobenzene	11.690	146	21534M3	2.229	ug/L		
102) p-Diethylbenzene	11.921	119	23708M1	2.237	ug/L		
103) n-Butylbenzene	11.984	91	35706M4	2.224	ug/L		
104) 1,2-Dichlorobenzene	12.130	146	18685	2.034	ug/L		96
105) 1,2,4,5-Tetramethylben...	12.739	119	33938	2.037	ug/L		96
106) 1,2-Dibromo-3-chloropr...	12.933	155	1384	1.860	ug/L		98
107) 1,3,5-Trichlorobenzene	12.959	180	15945	2.146	ug/L		99
108) Hexachlorobutadiene	13.541	225	8312	2.133	ug/L		99
109) 1,2,4-Trichlorobenzene	13.572	180	12703	2.041	ug/L	#	95
110) Naphthalene	13.866	128	22078M1	2.054	ug/L		
111) 1,2,3-Trichlorobenzene	14.034	180	10598	2.041	ug/L		98

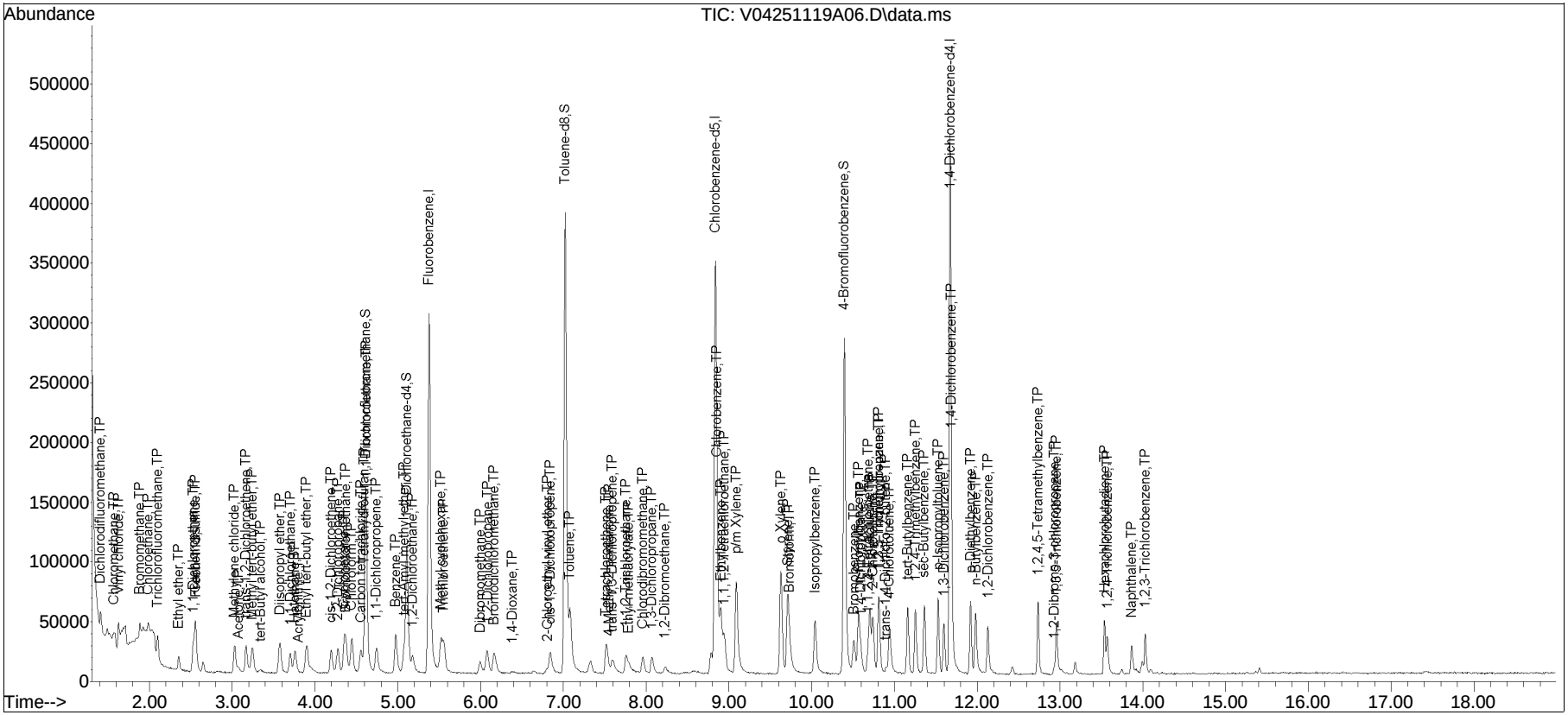
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A06.D
Acq On : 19 Nov 2025 8:18 pm
Operator : VOA104:JIC
Sample : I8260STD2.0PPB
Misc : WG2144251,ICAL
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 20 07:42:13 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

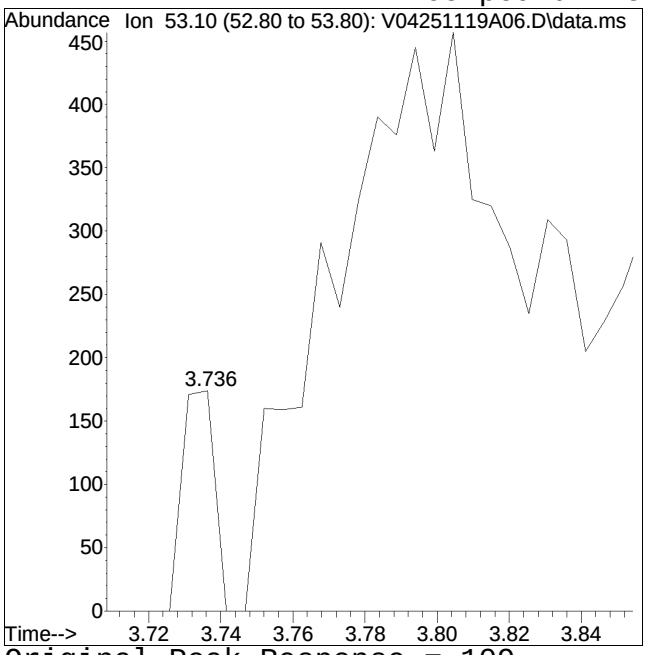
Sub List : 8260-CurveSoil - Megamix plus Diox51119A10.D•



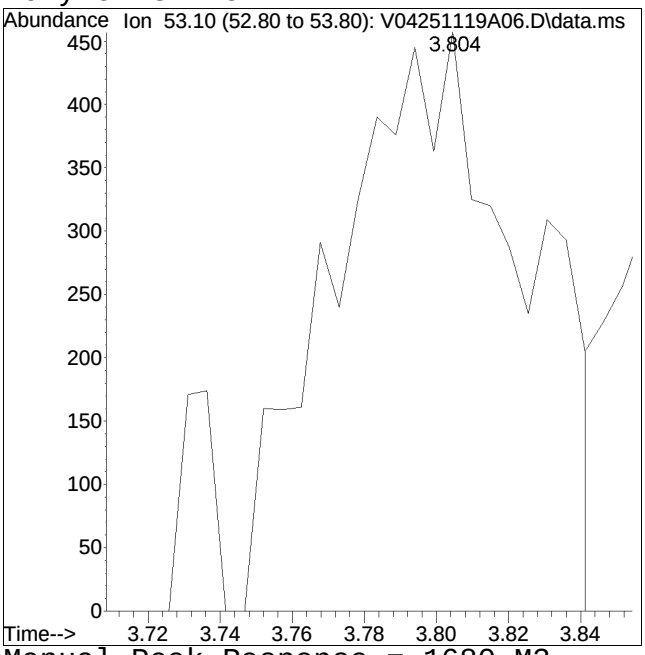
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A06.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 8:18 pm Instrument : VOA104
Sample : I8260STD2.0PPB Quant Date : 11/20/2025 7:24 am

Compound #25: Acrylonitrile



Original Peak Response = 109



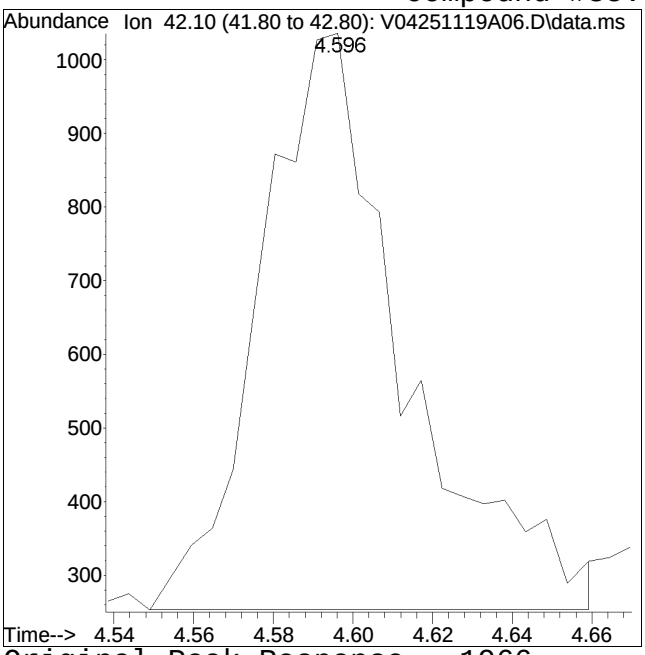
Manual Peak Response = 1680 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

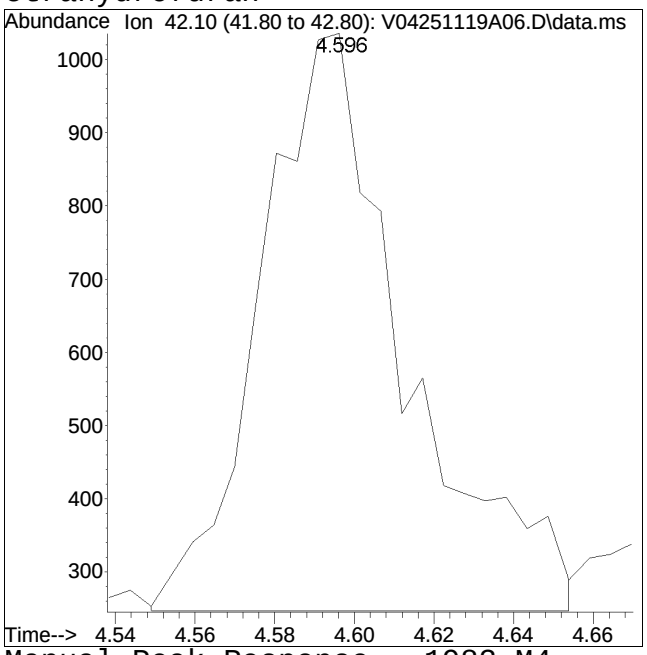
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A06.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 8:18 pm Instrument : VOA104
Sample : I8260STD2.0PPB Quant Date : 11/20/2025 7:24 am

Compound #35: Tetrahydrofuran



Original Peak Response = 1966



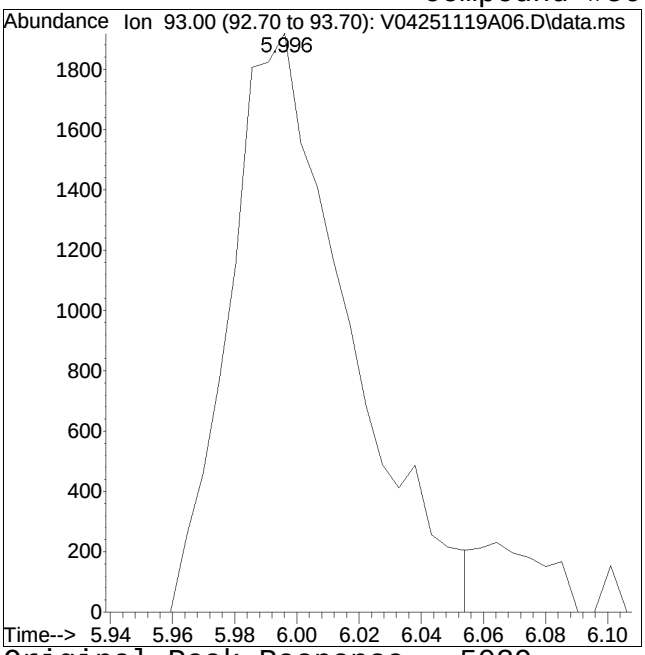
Manual Peak Response = 1983 M4

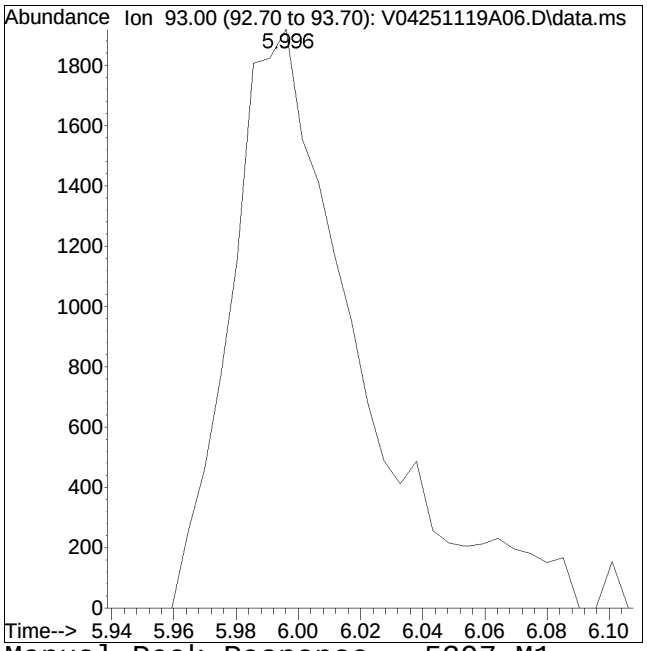
M4 = Poor automated baseline construction.

Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A06.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 8:18 pm Instrument : VOA104
Sample : I8260STD2.0PPB Quant Date : 11/20/2025 7:24 am

Compound #50: Dibromomethane





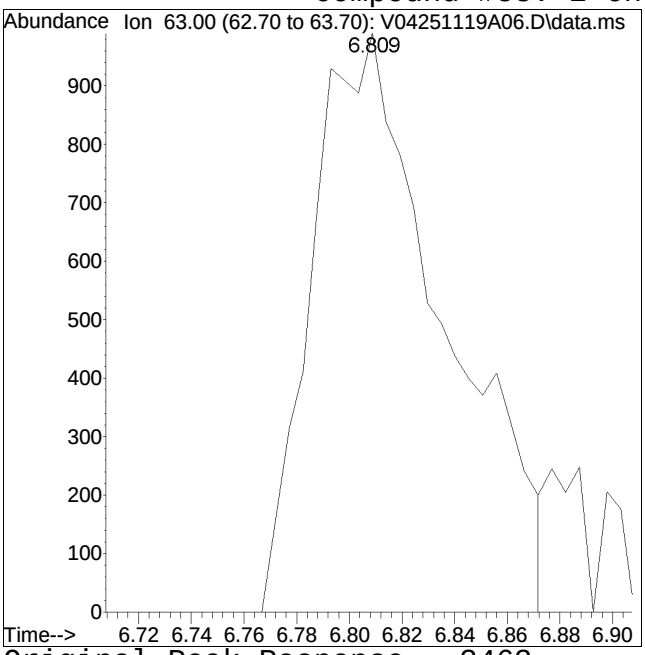
Original Peak Response = 5039 Manual Peak Response = 5397 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

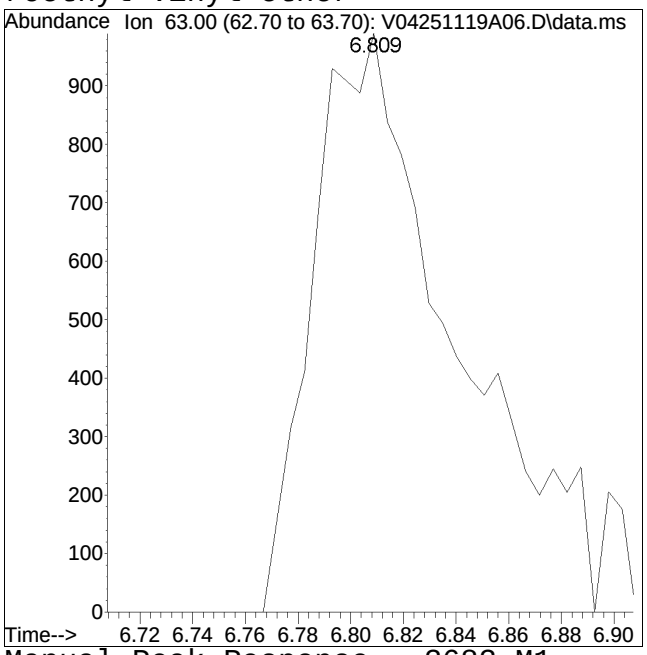
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A06.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 8:18 pm Instrument : VOA104
Sample : I8260STD2.0PPB Quant Date : 11/20/2025 7:24 am

Compound #53: 2-Chloroethyl vinyl ether



Original Peak Response = 3463



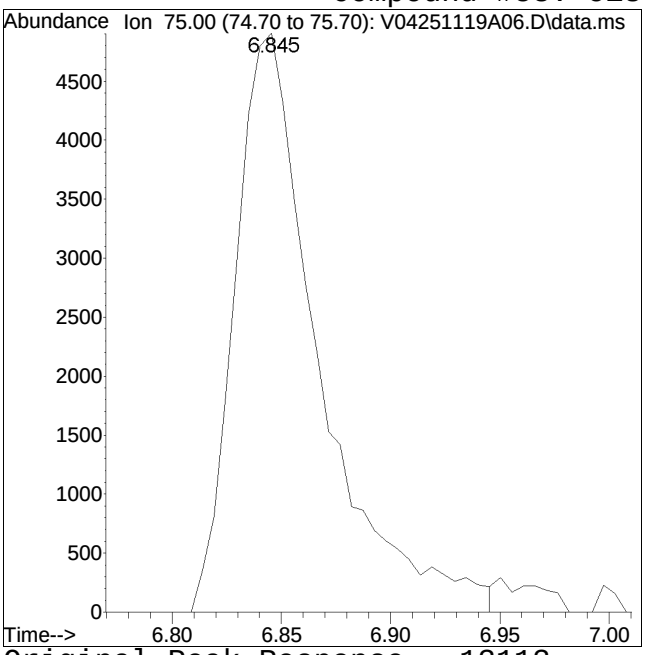
Manual Peak Response = 3683 M1

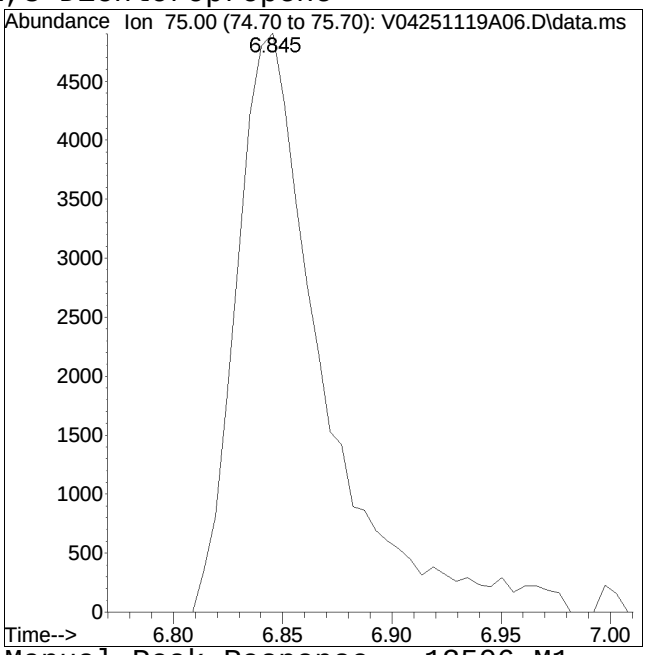
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A06.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 8:18 pm Instrument : VOA104
Sample : I8260STD2.0PPB Quant Date : 11/20/2025 7:24 am

Compound #58: cis-1,3-Dichloropropene



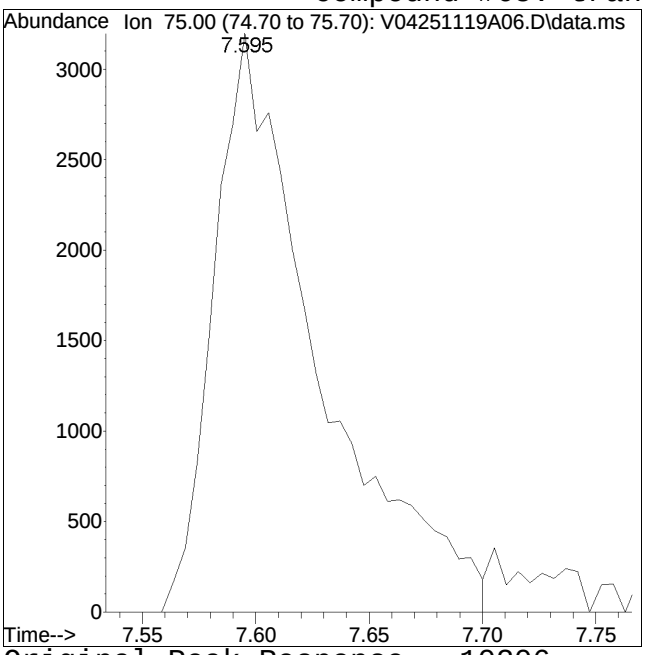


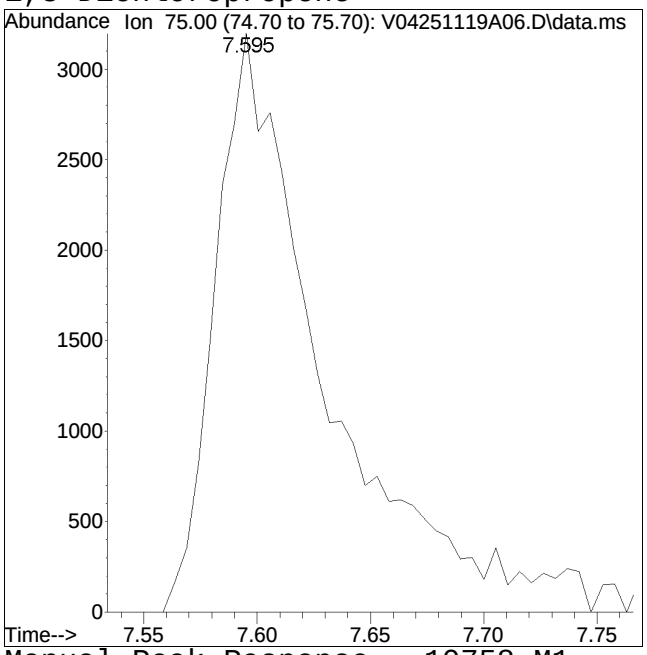
Original Peak Response = 13113 Manual Peak Response = 13506 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A06.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 8:18 pm Instrument : VOA104
Sample : I8260STD2.0PPB Quant Date : 11/20/2025 7:24 am

Compound #65: trans-1,3-Dichloropropene



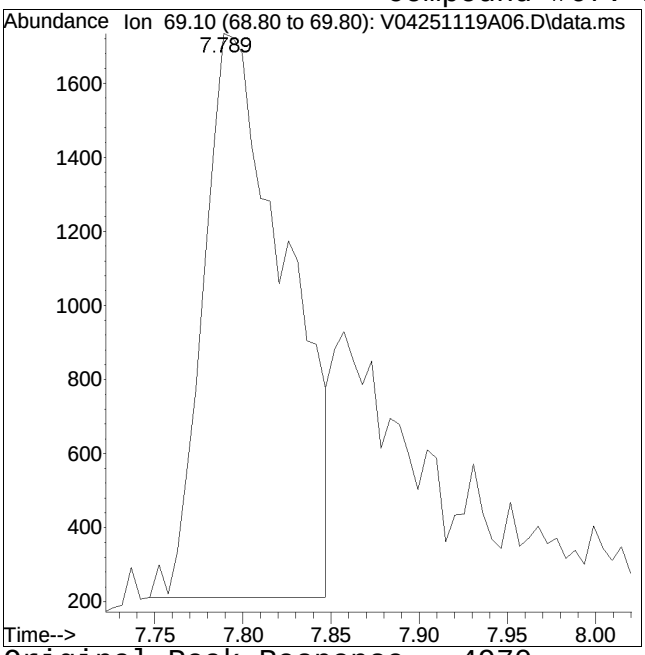


Original Peak Response = 10206 Manual Peak Response = 10758 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

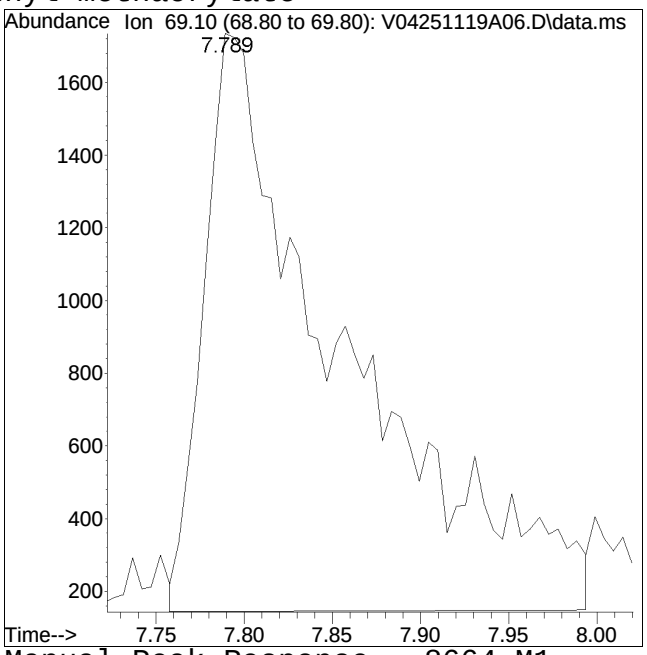
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A06.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 8:18 pm Instrument : VOA104
Sample : I8260STD2.0PPB Quant Date : 11/20/2025 7:24 am

Compound #67: Ethyl methacrylate



Original Peak Response = 4970



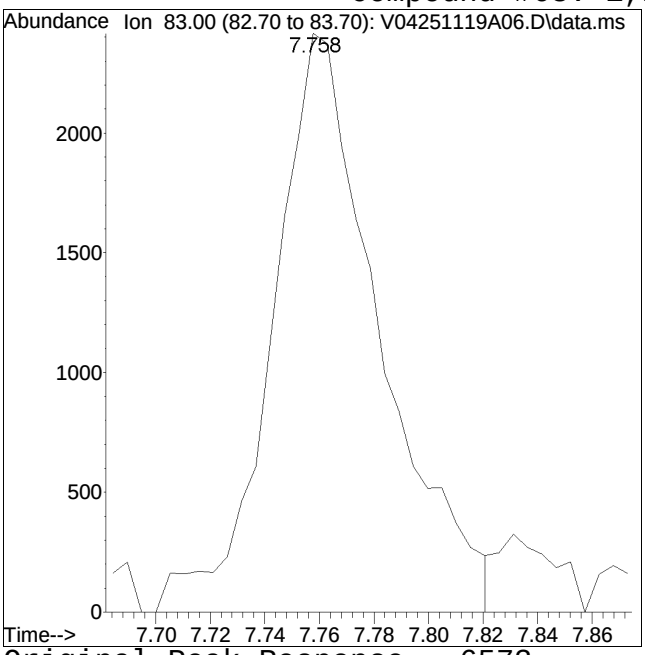
Manual Peak Response = 8664 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

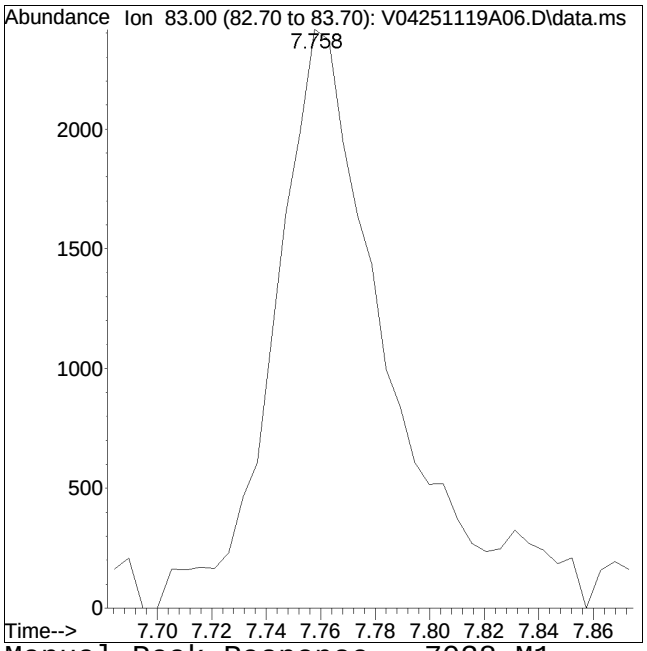
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A06.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 8:18 pm Instrument : VOA104
Sample : I8260STD2.0PPB Quant Date : 11/20/2025 7:24 am

Compound #68: 1,1,2-Trichloroethane



Original Peak Response = 6573



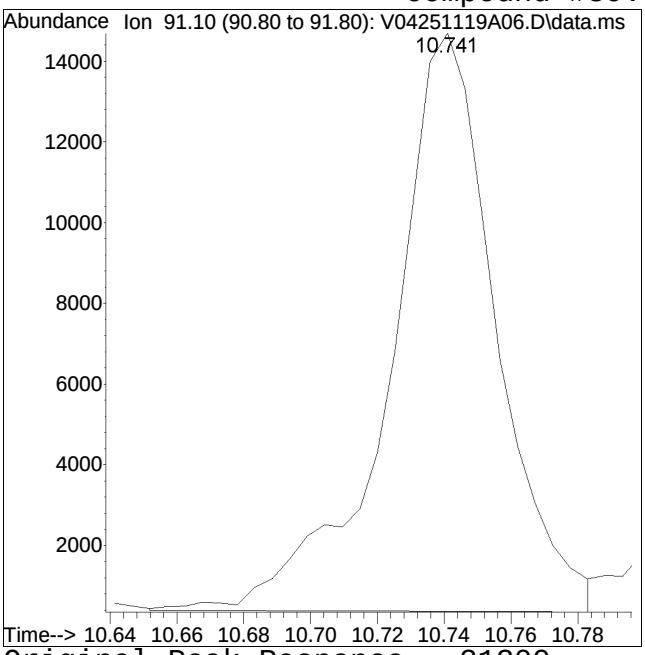
Manual Peak Response = 7038 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

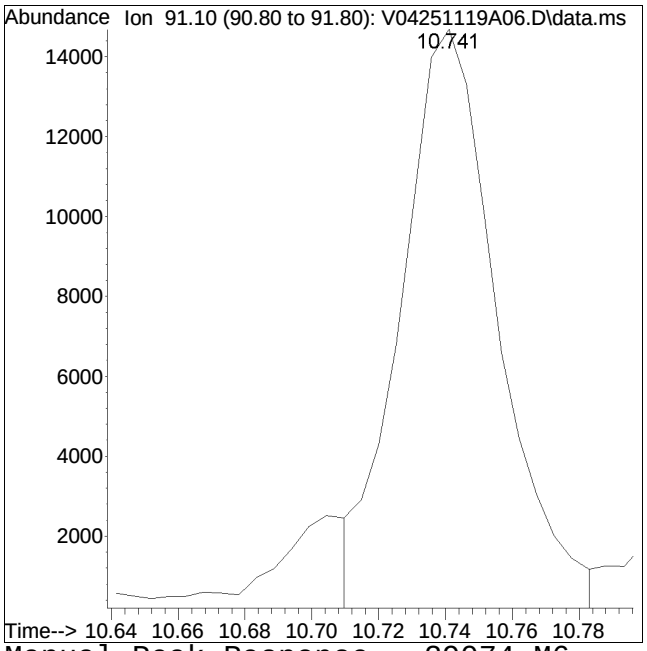
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A06.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 8:18 pm Instrument : VOA104
Sample : I8260STD2.0PPB Quant Date : 11/20/2025 7:24 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 31300



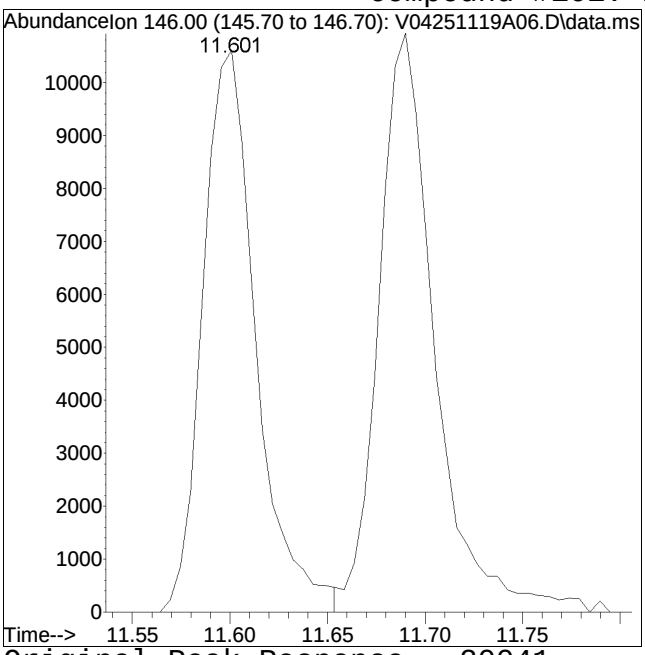
Manual Peak Response = 29074 M6

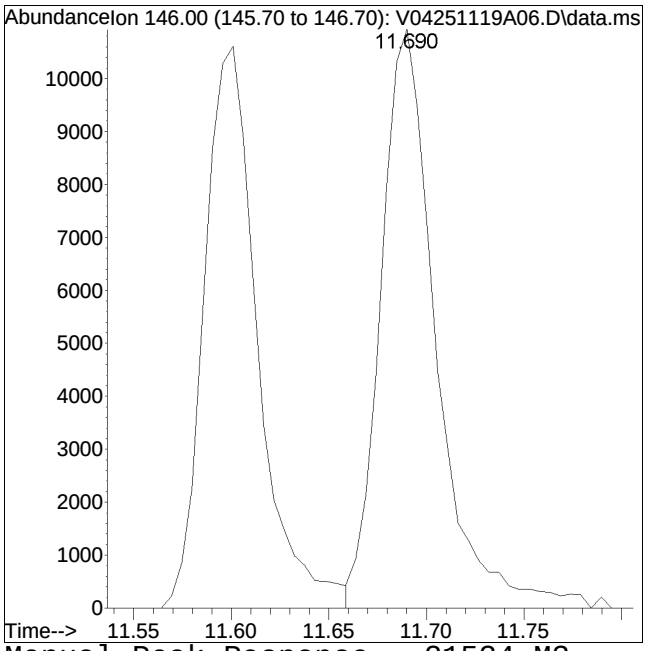
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A06.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 8:18 pm Instrument : VOA104
Sample : I8260STD2.0PPB Quant Date : 11/20/2025 7:24 am

Compound #101: 1,4-Dichlorobenzene





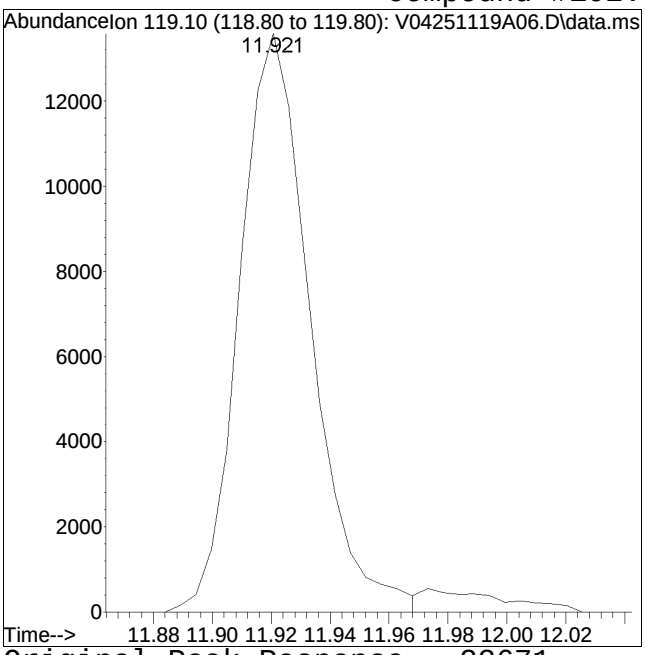
Original Peak Response = 20041 Manual Peak Response = 21534 M3

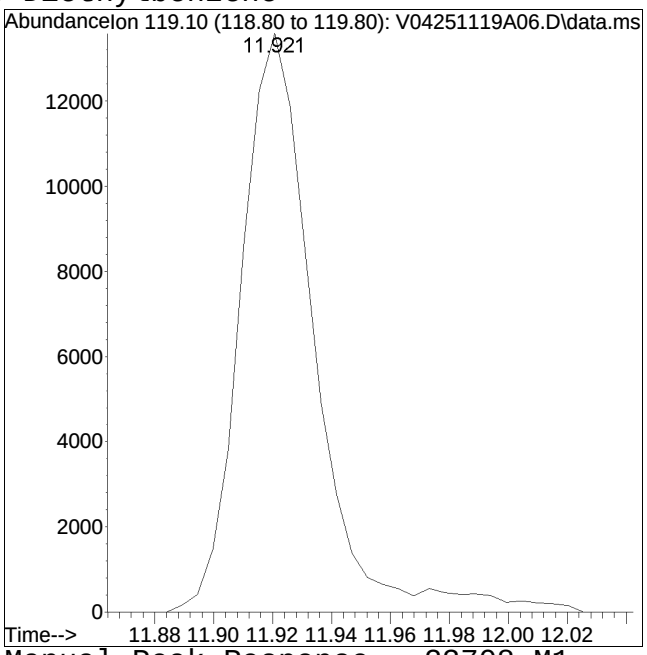
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A06.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 8:18 pm Instrument : VOA104
Sample : I8260STD2.0PPB Quant Date : 11/20/2025 7:24 am

Compound #102: p-Diethylbenzene



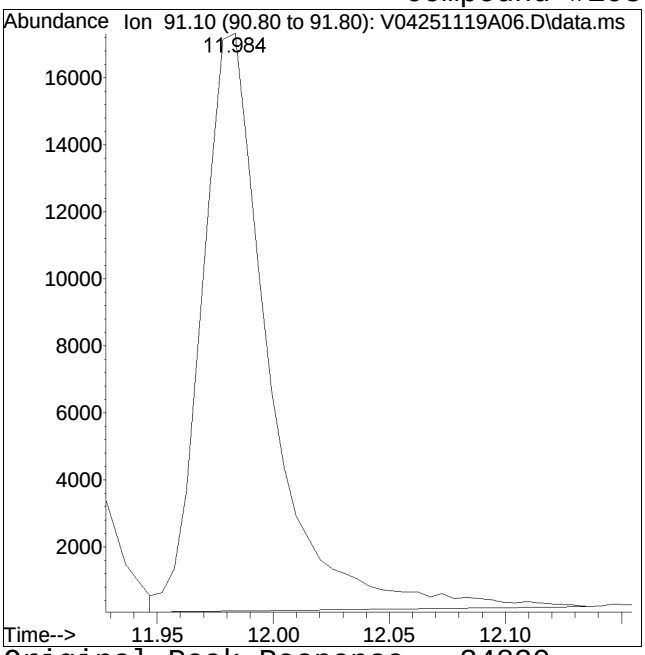


Original Peak Response = 22671 Manual Peak Response = 23708 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

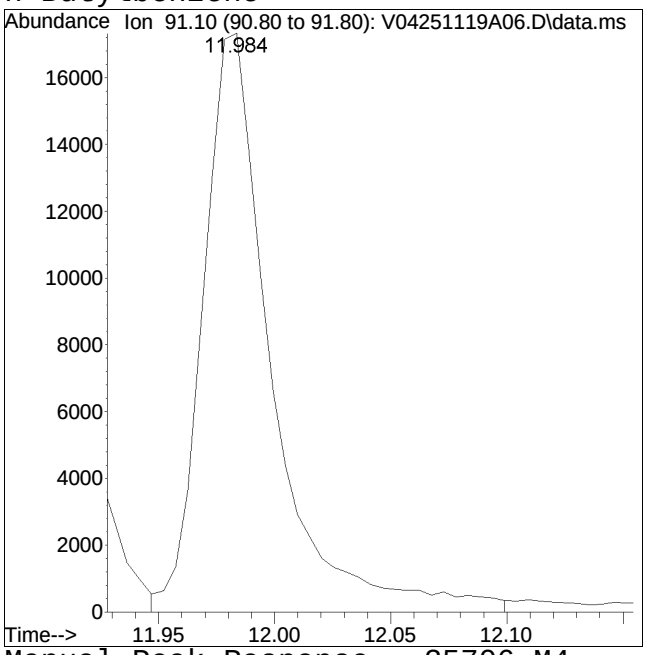
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A06.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 8:18 pm Instrument : VOA104
Sample : I8260STD2.0PPB Quant Date : 11/20/2025 7:24 am

Compound #103: n-Butylbenzene



Original Peak Response = 34830



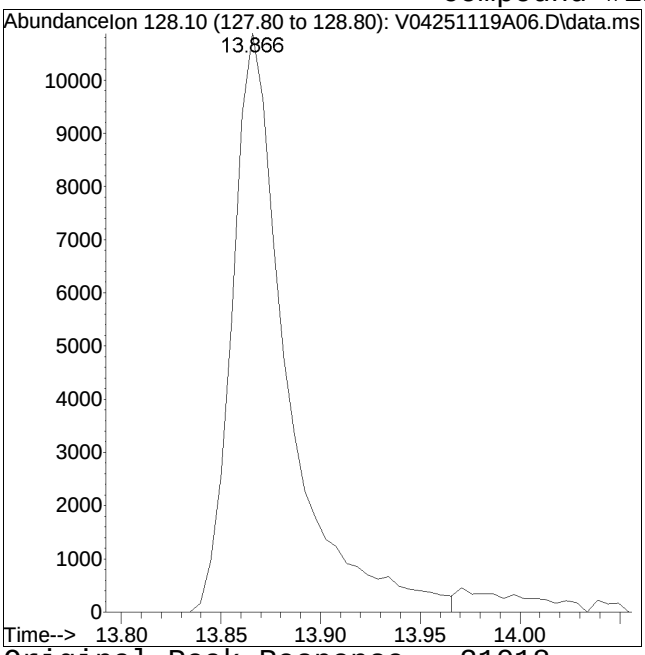
Manual Peak Response = 35706 M4

M4 = Poor automated baseline construction.

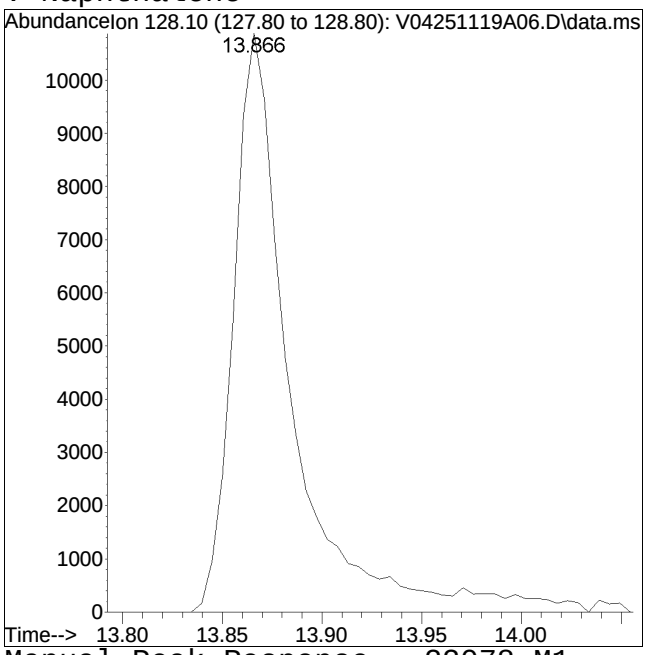
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A06.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 8:18 pm Instrument : VOA104
Sample : I8260STD2.0PPB Quant Date : 11/20/2025 7:24 am

Compound #110: Naphthalene



Original Peak Response = 21018



Manual Peak Response = 22078 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A08.D
Acq On : 19 Nov 2025 9:10 pm
Operator : VOA104:JIC
Sample : I8260STD4.0PPB
Misc : WG2144251,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 20 07:46:16 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.377	96	305977	20.000	ug/L	0.00
Standard Area 1 = 299397			Recovery = 102.20%			
59) Chlorobenzene-d5	8.838	117	234414	20.000	ug/L	0.00
Standard Area 1 = 232239			Recovery = 100.94%			
79) 1,4-Dichlorobenzene-d4	11.674	152	134287	20.000	ug/L	0.00
Standard Area 1 = 124245			Recovery = 108.08%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.612	113	90791	20.661	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.31%			
43) 1,2-Dichloroethane-d4	5.110	65	81099	21.135	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.68%			
60) Toluene-d8	7.024	98	308425	20.316	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.58%			
83) 4-Bromofluorobenzene	10.395	95	113753	19.569	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.408	85	24406	4.501	ug/L	97
3) Chloromethane	1.571	50	24691	4.406	ug/L	99
4) Vinyl chloride	1.623	62	25108	4.395	ug/L	97
5) Bromomethane	1.886	94	12951	4.035	ug/L	99
6) Chloroethane	1.985	64	15483	4.424	ug/L	93
7) Trichlorofluoromethane	2.100	101	30725	4.464	ug/L	100
8) Ethyl ether	2.352	74	7982	3.810	ug/L	98
10) 1,1-Dichloroethene	2.530	96	17058	4.450	ug/L	92
11) Carbon disulfide	2.551	76	63467	4.633	ug/L	99
12) Freon-113	2.557	101	17204	4.291	ug/L #	63
14) Acrolein	2.824	56	1910M3	5.042	ug/L	
15) Methylene chloride	3.023	84	19710	4.438	ug/L	98
17) Acetone	3.070	43	8765	5.843	ug/L	97
18) trans-1,2-Dichloroethene	3.165	96	18690	4.408	ug/L	93
19) Methyl acetate	3.186	43	5440M1	3.363	ug/L	
20) Methyl tert-butyl ether	3.238	73	42171	3.878	ug/L	96
21) tert-Butyl alcohol	3.348	59	7814	21.542	ug/L	95
22) Diisopropyl ether	3.574	45	53804	3.931	ug/L	99
23) 1,1-Dichloroethane	3.700	63	35435	4.357	ug/L	97
24) Halothane	3.757	117	14810	4.348	ug/L	100
25) Acrylonitrile	3.784	53	3237	3.796	ug/L #	72

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A08.D
Acq On : 19 Nov 2025 9:10 pm
Operator : VOA104:JIC
Sample : I8260STD4.0PPB
Misc : WG2144251,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 20 07:46:16 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	3.899	59	49894	3.860	ug/L	#	67
27) Vinyl acetate	3.941	43	27065M1	3.323	ug/L		
28) cis-1,2-Dichloroethene	4.192	96	20568	4.343	ug/L		90
29) 2,2-Dichloropropane	4.276	77	29720	4.507	ug/L		97
30) Bromochloromethane	4.376	128	9777	4.388	ug/L		92
31) Cyclohexane	4.355	56	29525	4.499	ug/L		92
32) Chloroform	4.444	83	41384	5.266	ug/L		99
33) Ethyl acetate	4.565	43	9381	3.501	ug/L	#	93
34) Carbon tetrachloride	4.554	117	27968	4.452	ug/L		99
35) Tetrahydrofuran	4.591	42	3638M6	4.016	ug/L		
37) 1,1,1-Trichloroethane	4.617	97	30331	4.662	ug/L		97
39) 2-Butanone	4.753	43	2587M1	2.272	ug/L		
40) 1,1-Dichloropropene	4.743	75	23956	4.545	ug/L		95
41) Benzene	4.974	78	65243	4.177	ug/L		98
42) tert-Amyl methyl ether	5.079	73	42428	4.013	ug/L		94
44) 1,2-Dichloroethane	5.178	62	22494	4.227	ug/L		99
47) Methyl cyclohexane	5.524	83	27912	4.303	ug/L		91
48) Trichloroethene	5.556	95	19868	4.643	ug/L		96
50) Dibromomethane	5.991	93	10436	4.138	ug/L		97
51) 1,2-Dichloropropane	6.080	63	17802	4.073	ug/L		99
53) 2-Chloroethyl vinyl ether	6.793	63	8444M1	3.628	ug/L		
54) Bromodichloromethane	6.164	83	26361	4.325	ug/L		98
57) 1,4-Dioxane	6.374	88	5029M1	185.374	ug/L		
58) cis-1,3-Dichloropropene	6.840	75	27407	3.957	ug/L		96
61) Toluene	7.081	92	42926	4.403	ug/L		99
62) 4-Methyl-2-pentanone	7.538	58	4362	3.876	ug/L		98
63) Tetrachloroethene	7.517	166	19280	4.143	ug/L		96
65) trans-1,3-Dichloropropene	7.590	75	22883M1	4.007	ug/L		
67) Ethyl methacrylate	7.784	69	18062M1	4.431	ug/L		
68) 1,1,2-Trichloroethane	7.758	83	12659M1	4.556	ug/L		
69) Chlorodibromomethane	7.957	129	19877	4.191	ug/L		97
70) 1,3-Dichloropropane	8.067	76	22183	4.192	ug/L		99
71) 1,2-Dibromoethane	8.224	107	14019M1	4.055	ug/L		
72) 2-Hexanone	8.560	43	6901M3	3.664	ug/L		
73) Chlorobenzene	8.859	112	49659	4.280	ug/L		94
74) Ethylbenzene	8.901	91	78195	4.206	ug/L		100
75) 1,1,1,2-Tetrachloroethane	8.943	131	19304	4.301	ug/L		94
76) p/m Xylene	9.089	106	61844	8.738	ug/L		97
77) o Xylene	9.630	106	61418	8.519	ug/L		99
78) Styrene	9.708	104	98748	8.480	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A08.D
Acq On : 19 Nov 2025 9:10 pm
Operator : VOA104:JIC
Sample : I8260STD4.0PPB
Misc : WG2144251,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 20 07:46:16 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	9.729	173	13608	4.254	ug/L	98
82) Isopropylbenzene	10.038	105	79818	4.090	ug/L	100
84) Bromobenzene	10.510	156	21874	4.001	ug/L	100
85) n-Propylbenzene	10.563	91	91506	4.045	ug/L	99
86) 1,4-Dichlorobutane	10.589	55	23960	4.158	ug/L	92
87) 1,1,2,2-Tetrachloroethane	10.678	83	19635	4.607	ug/L	98
88) 4-Ethyltoluene	10.699	105	76075	4.068	ug/L	98
89) 2-Chlorotoluene	10.736	91	56085M6	4.192	ug/L	
90) 1,3,5-Trimethylbenzene	10.809	105	66852	4.127	ug/L	98
91) 1,2,3-Trichloropropane	10.814	75	13401	4.425	ug/L	96
92) trans-1,4-Dichloro-2-b...	10.893	53	5546M1	4.885	ug/L	
93) 4-Chlorotoluene	10.935	91	58492M4	4.355	ug/L	
94) tert-Butylbenzene	11.160	119	57364	4.081	ug/L	97
97) 1,2,4-Trimethylbenzene	11.250	105	66163	4.105	ug/L	100
98) sec-Butylbenzene	11.360	105	87183	4.166	ug/L	98
99) p-Isopropyltoluene	11.527	119	72786	4.054	ug/L	98
100) 1,3-Dichlorobenzene	11.596	146	39165	4.052	ug/L	98
101) 1,4-Dichlorobenzene	11.685	146	41698	4.325	ug/L	95
102) p-Diethylbenzene	11.921	119	42076	3.978	ug/L	98
103) n-Butylbenzene	11.978	91	63901	3.988	ug/L	97
104) 1,2-Dichlorobenzene	12.125	146	38520	4.201	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.733	119	63430	3.815	ug/L	98
106) 1,2-Dibromo-3-chloropr...	12.927	155	3214	4.328	ug/L	97
107) 1,3,5-Trichlorobenzene	12.959	180	29565	3.986	ug/L	98
108) Hexachlorobutadiene	13.541	225	15574	4.004	ug/L	99
109) 1,2,4-Trichlorobenzene	13.567	180	24782	3.989	ug/L	99
110) Naphthalene	13.861	128	43912	4.093	ug/L	100
111) 1,2,3-Trichlorobenzene	14.028	180	21087	4.069	ug/L	98

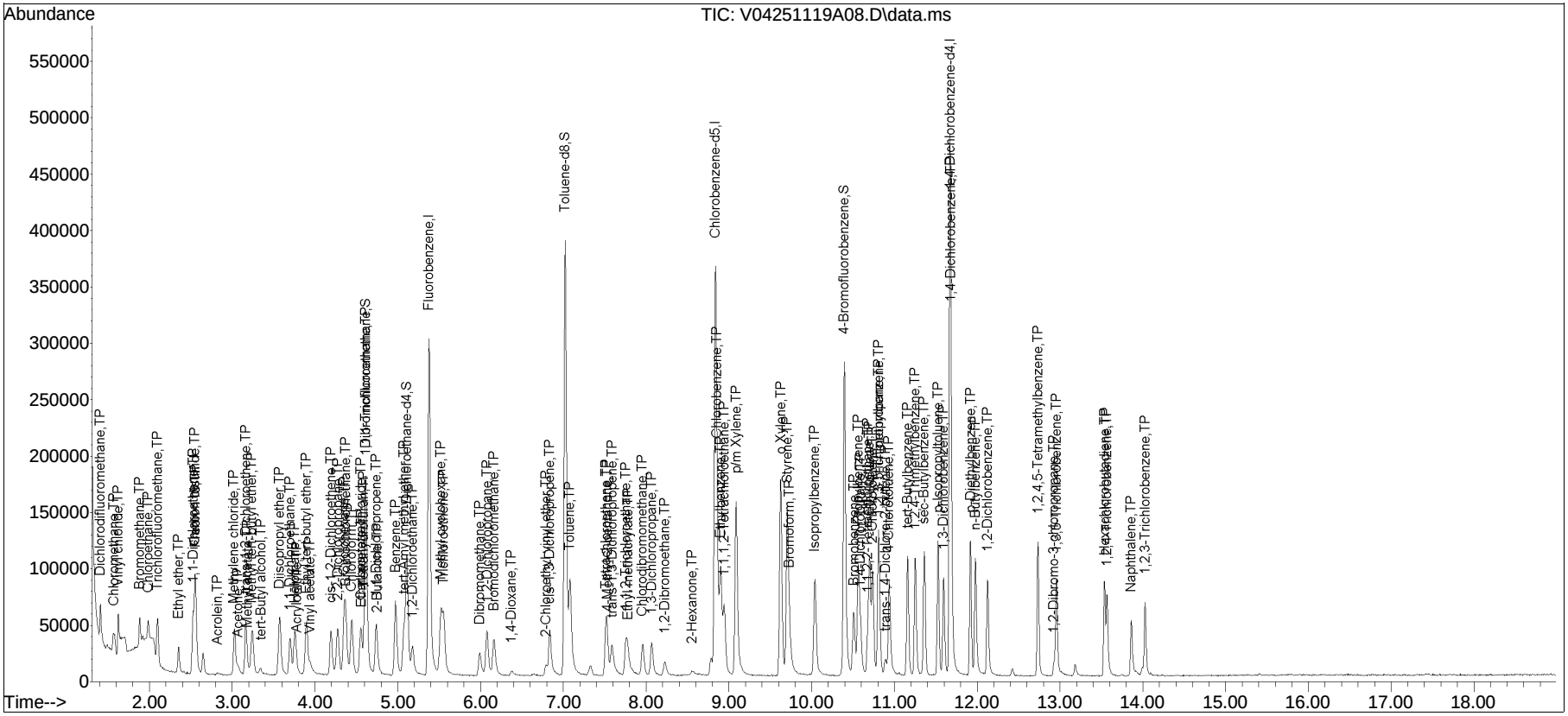
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A08.D
Acq On : 19 Nov 2025 9:10 pm
Operator : VOA104:JIC
Sample : I8260STD4.0PPB
Misc : WG2144251,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 20 07:46:16 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

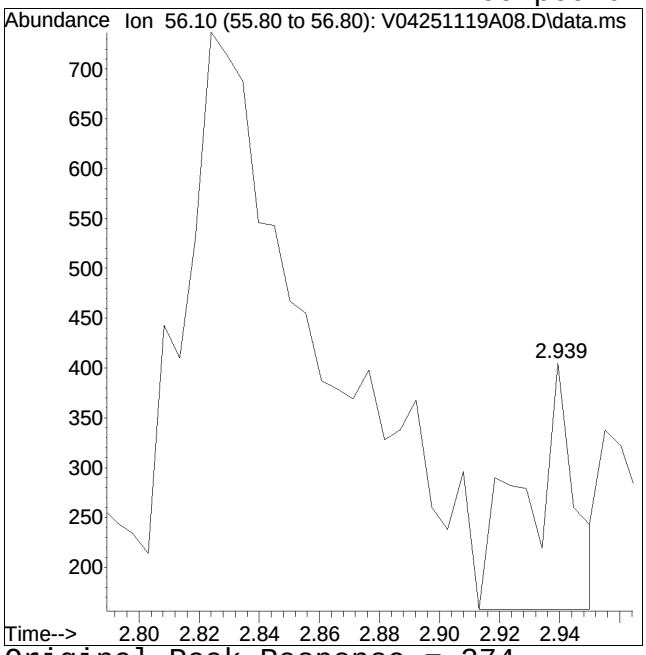
Sub List : 8260-CurveSoil - Megamix plus Diox51119A10.D•



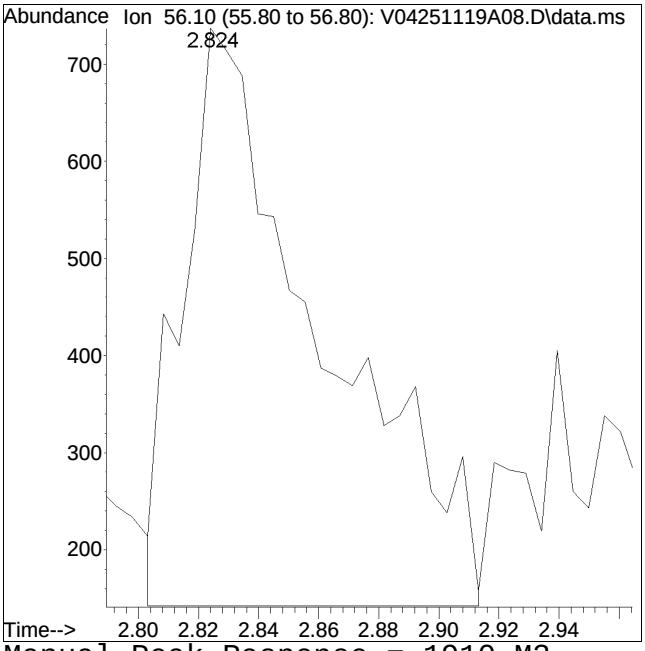
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #14: Acrolein



Original Peak Response = 274



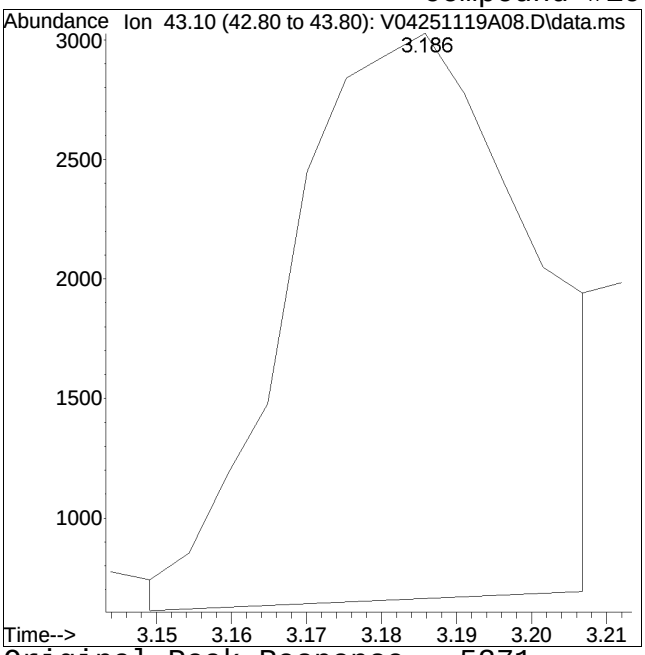
Manual Peak Response = 1910 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

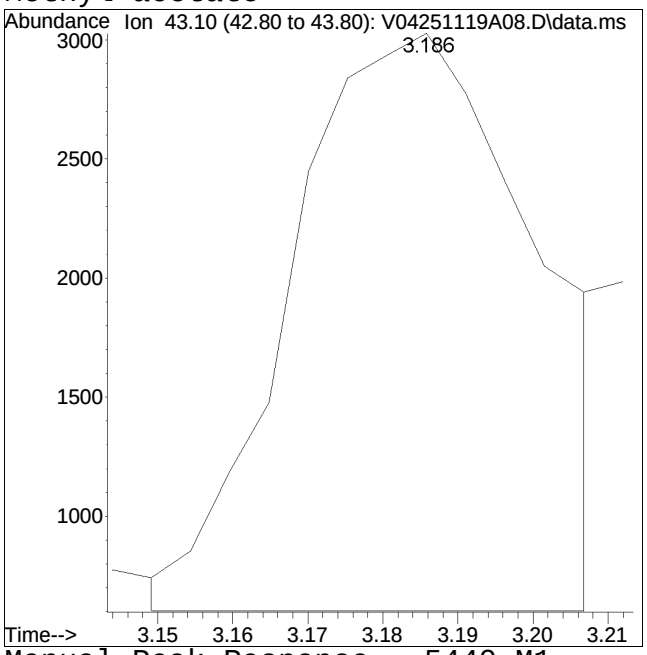
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #19: Methyl acetate



Original Peak Response = 5271



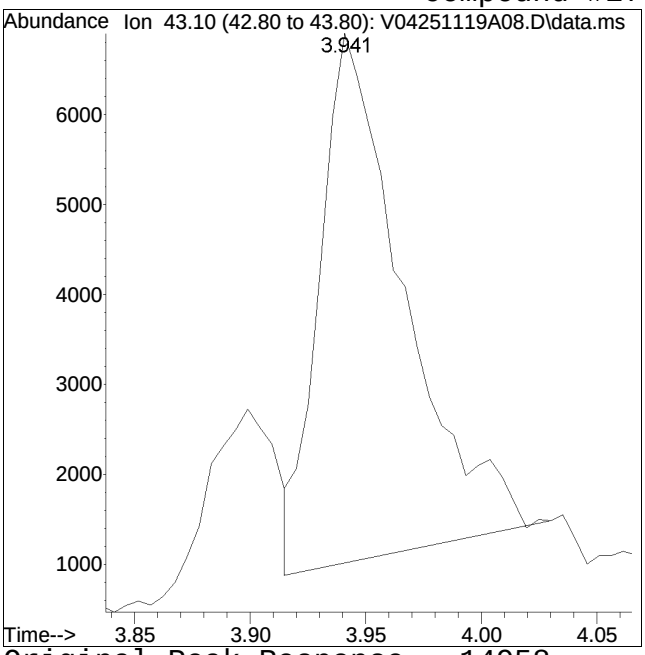
Manual Peak Response = 5440 M1

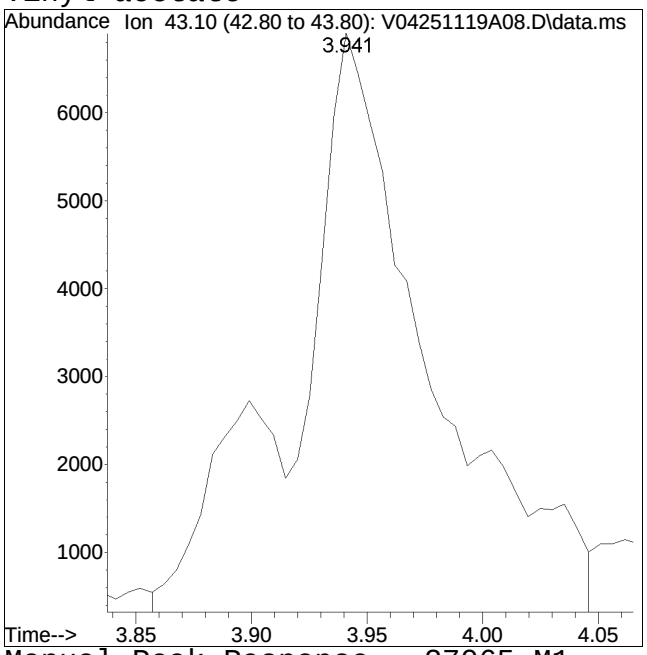
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #27: Vinyl acetate



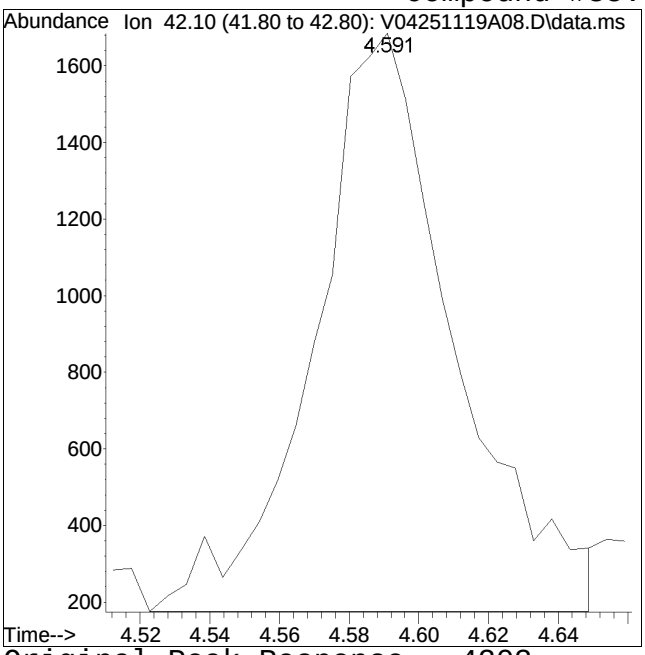


Original Peak Response = 14958 Manual Peak Response = 27065 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

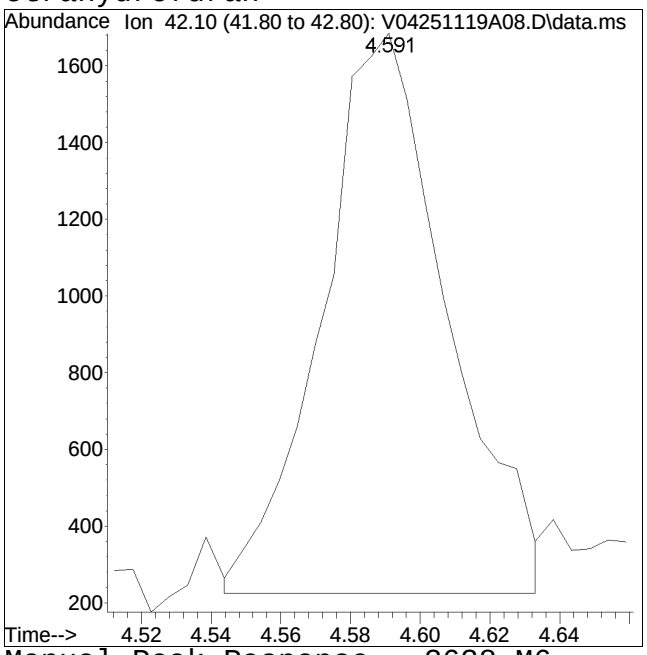
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #35: Tetrahydrofuran



Original Peak Response = 4203



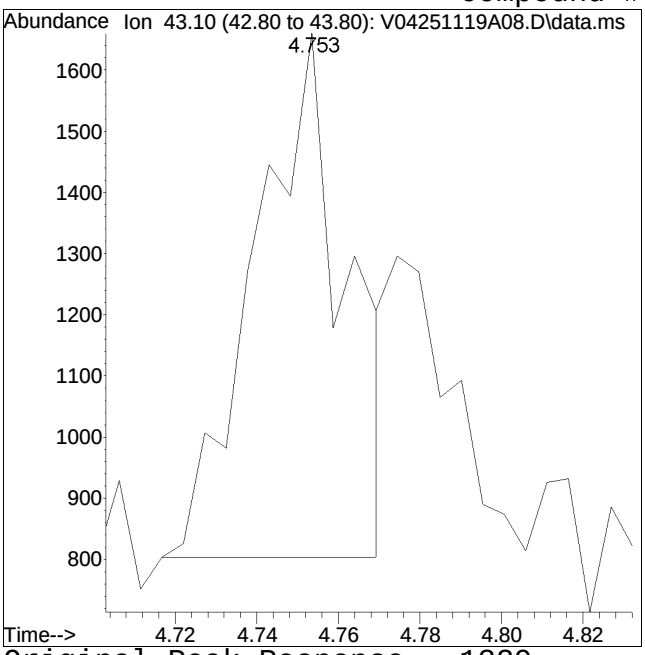
Manual Peak Response = 3638 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

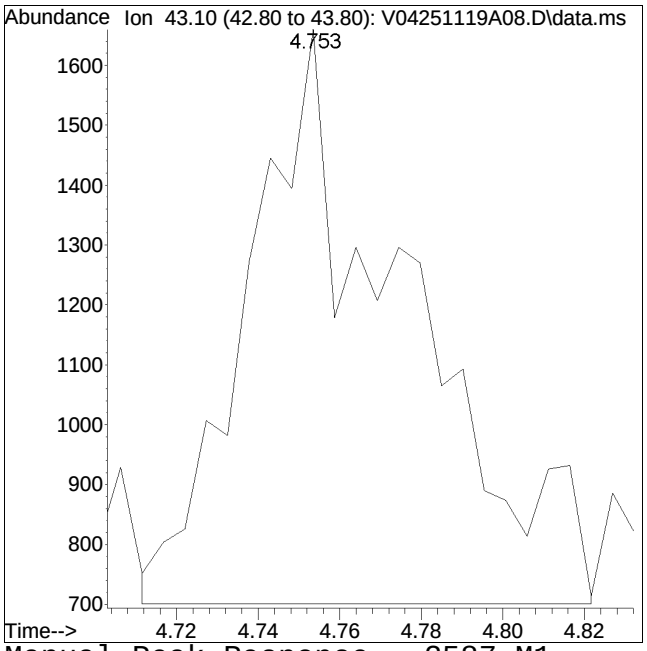
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #39: 2-Butanone



Original Peak Response = 1329



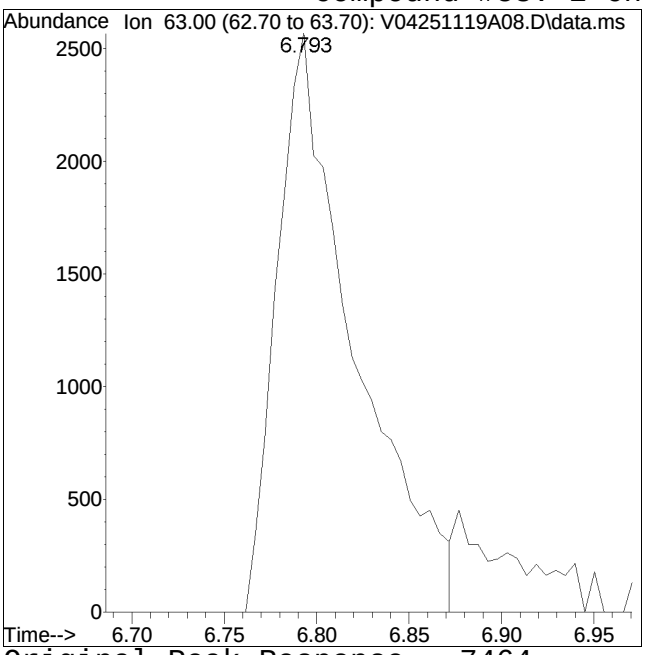
Manual Peak Response = 2587 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

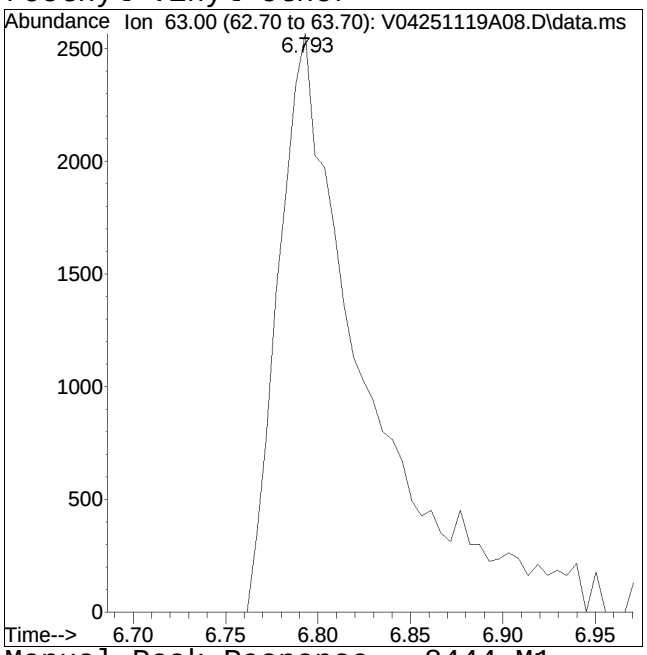
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #53: 2-Chloroethyl vinyl ether



Original Peak Response = 7464



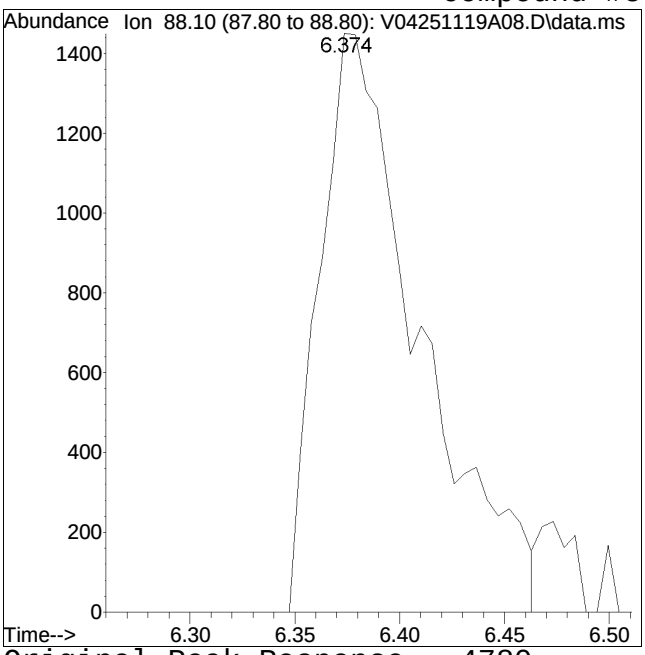
Manual Peak Response = 8444 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

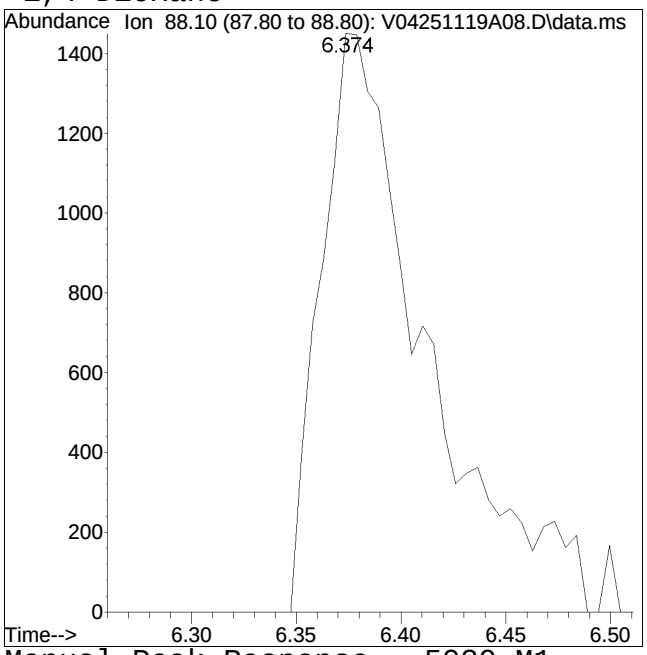
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #57: 1,4-Dioxane



Original Peak Response = 4780



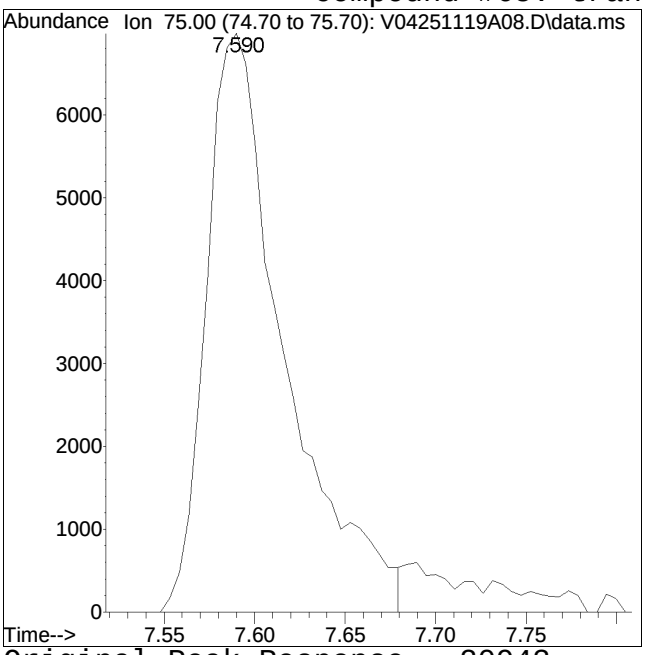
Manual Peak Response = 5029 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

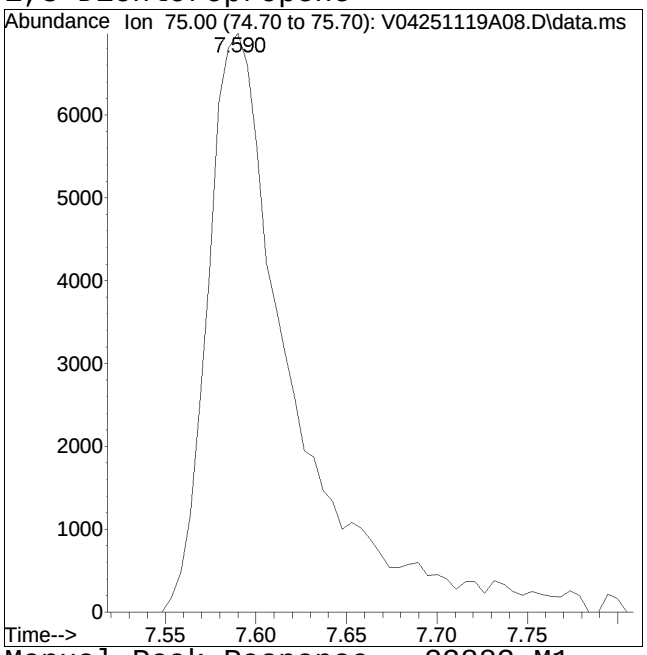
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #65: trans-1,3-Dichloropropene



Original Peak Response = 20943



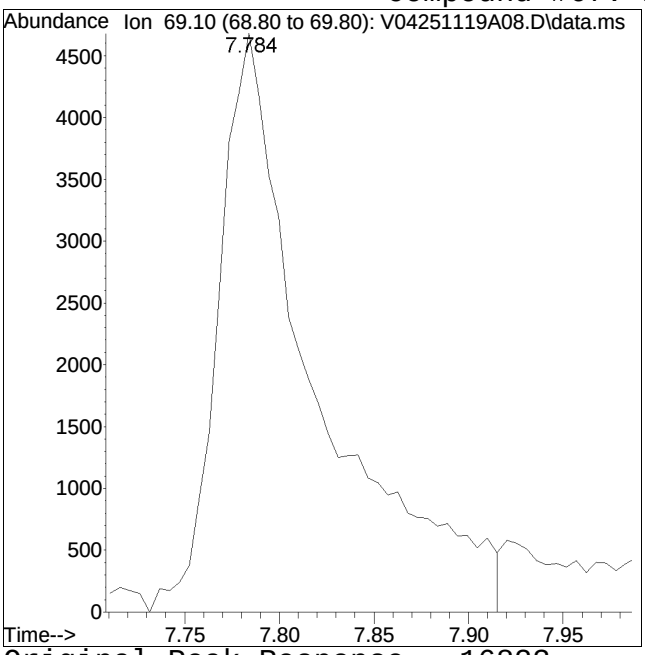
Manual Peak Response = 22883 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

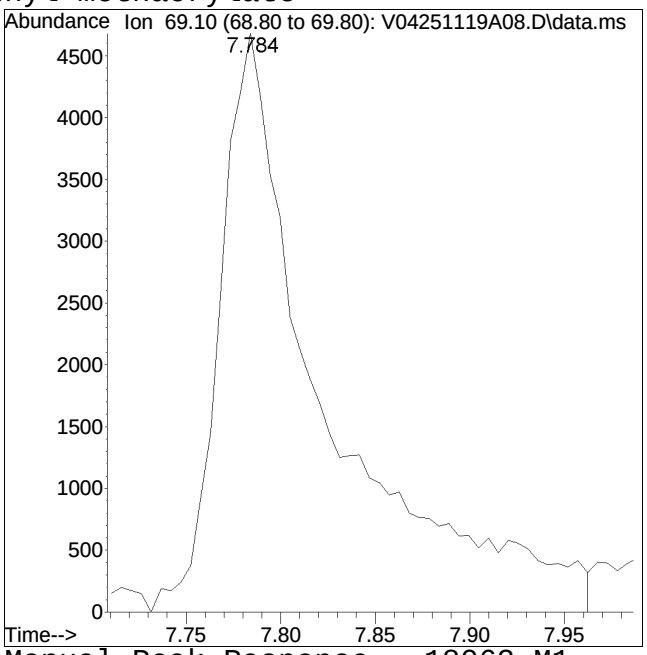
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #67: Ethyl methacrylate



Original Peak Response = 16823



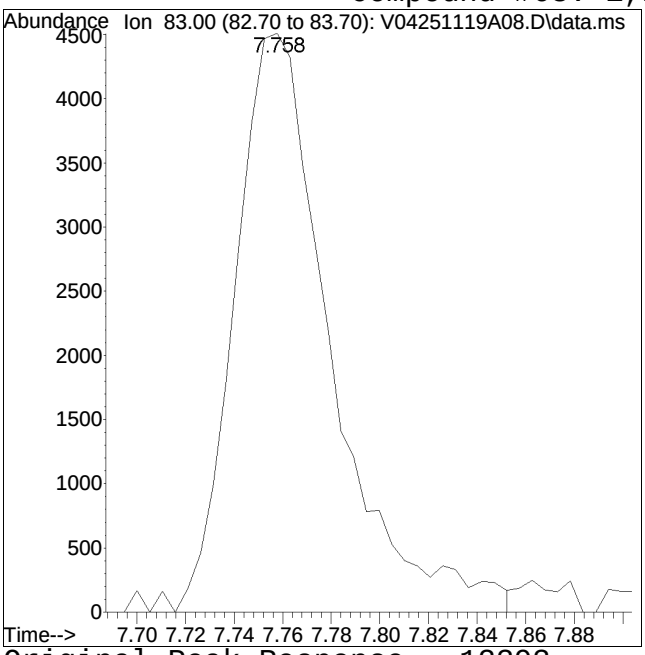
Manual Peak Response = 18062 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

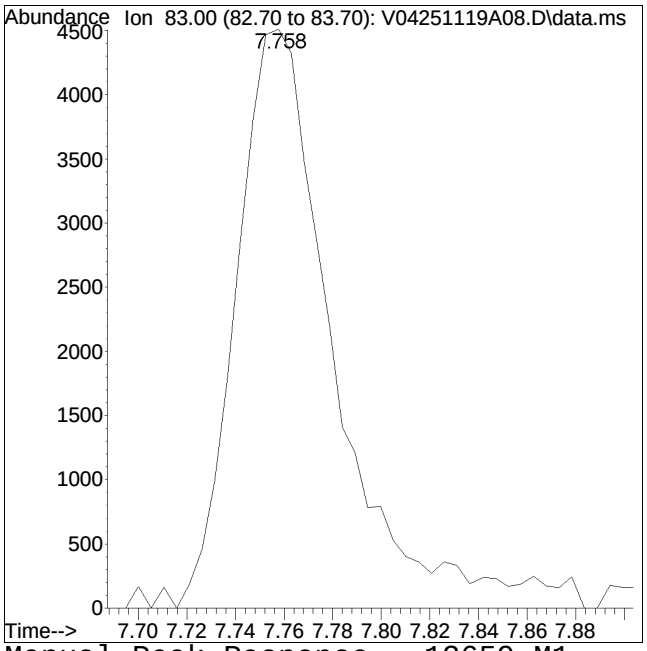
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #68: 1,1,2-Trichloroethane



Original Peak Response = 12393



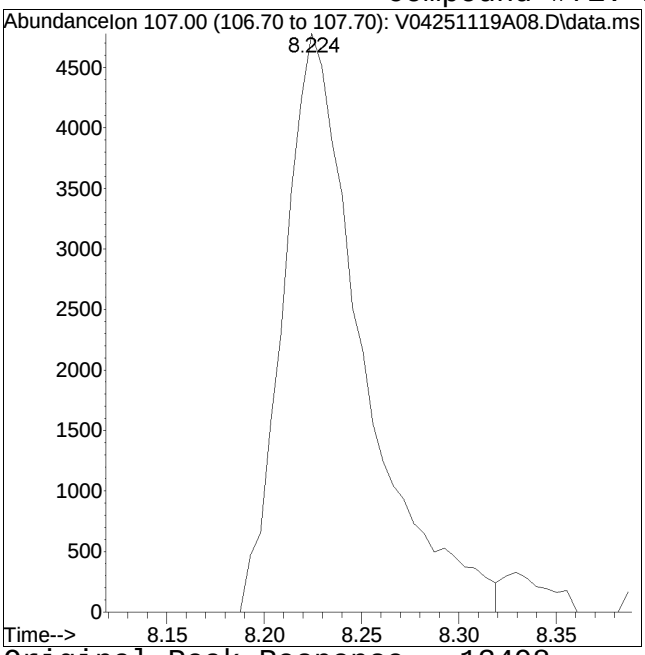
Manual Peak Response = 12659 M1

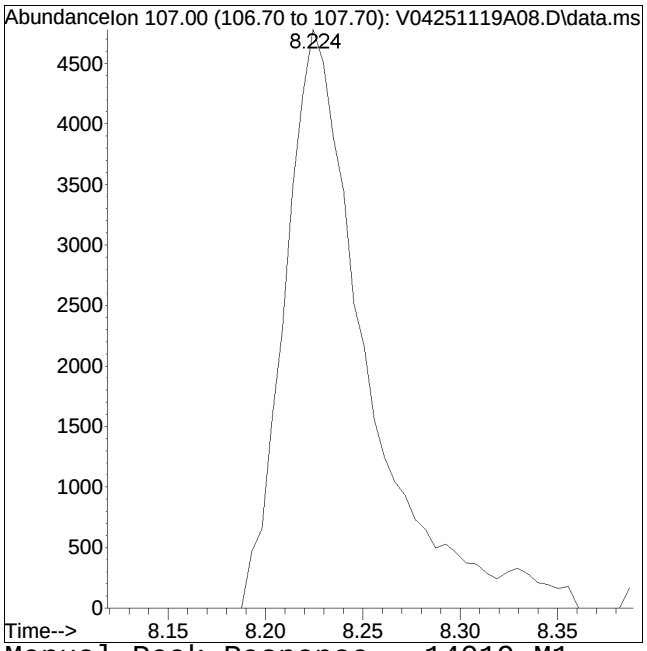
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #71: 1,2-Dibromoethane



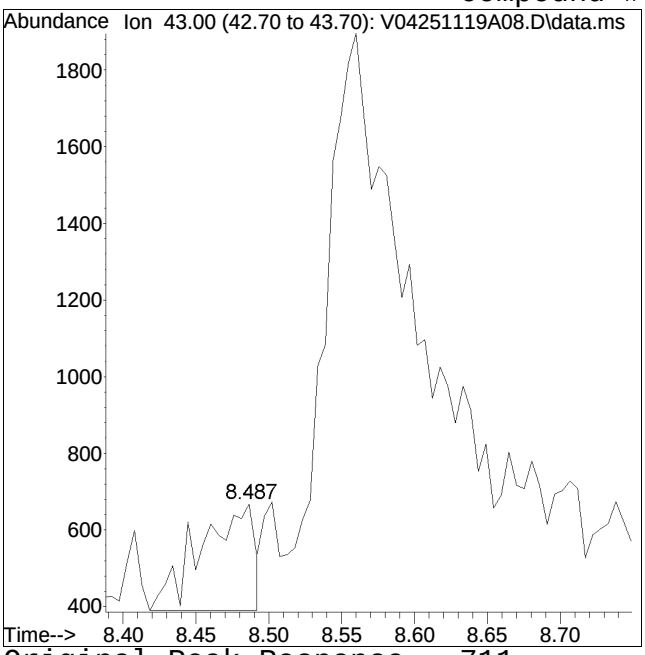


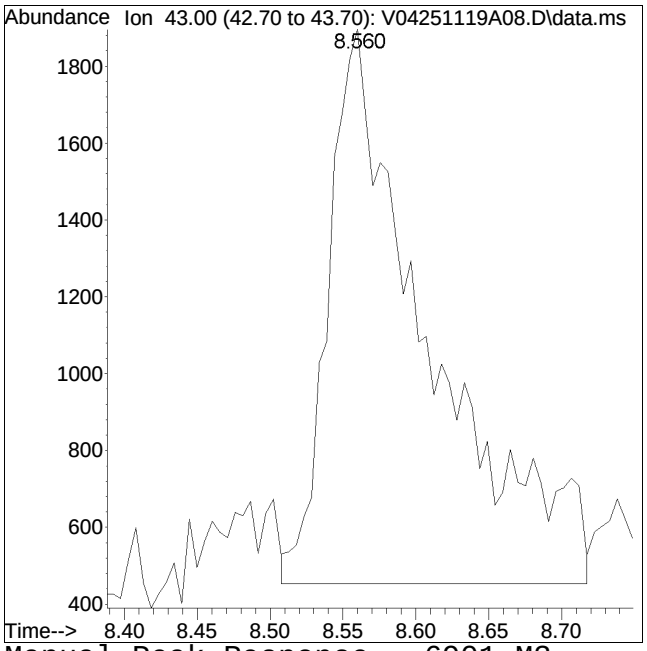
Original Peak Response = 13498 Manual Peak Response = 14019 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #72: 2-Hexanone





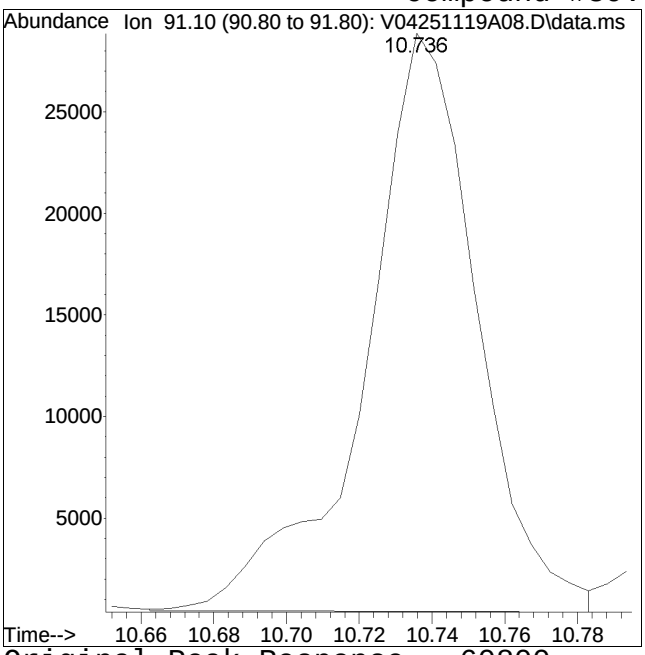
Original Peak Response = 711 Manual Peak Response = 6901 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

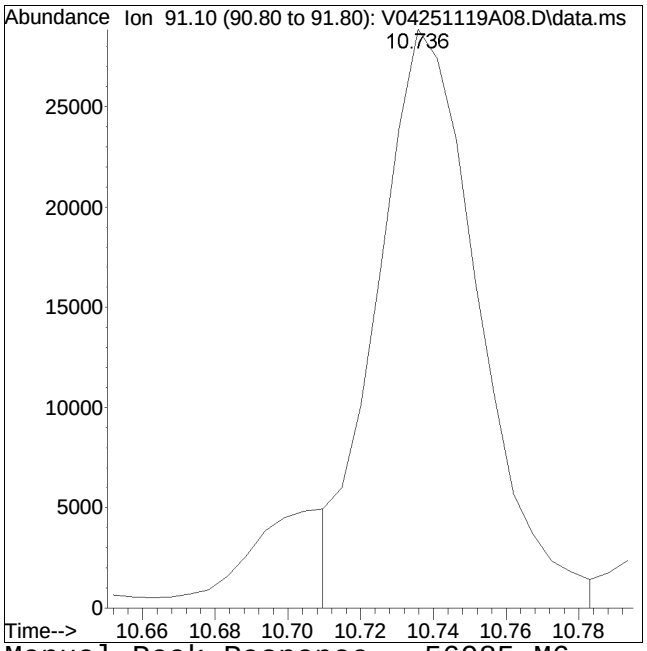
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 60800



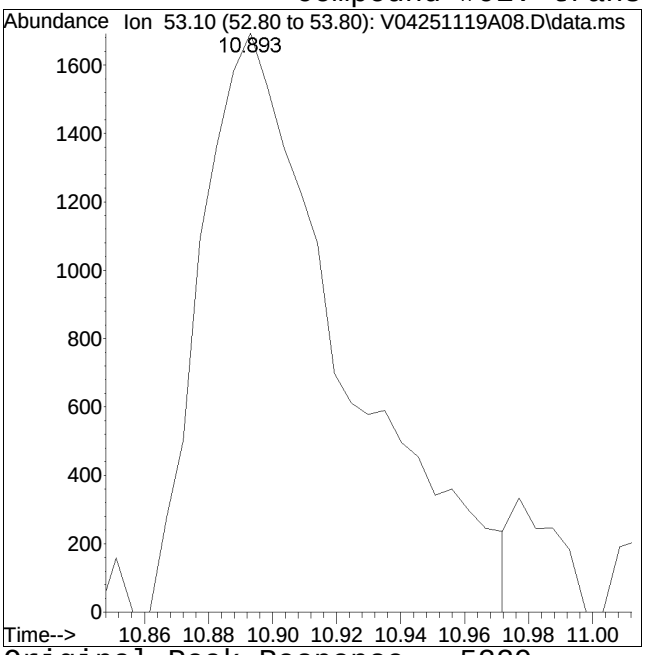
Manual Peak Response = 56085 M6

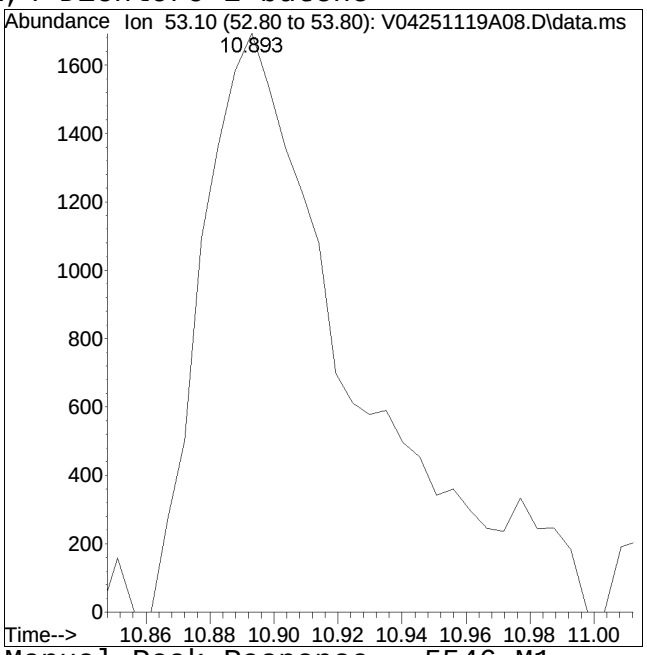
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #92: trans-1,4-Dichloro-2-butene



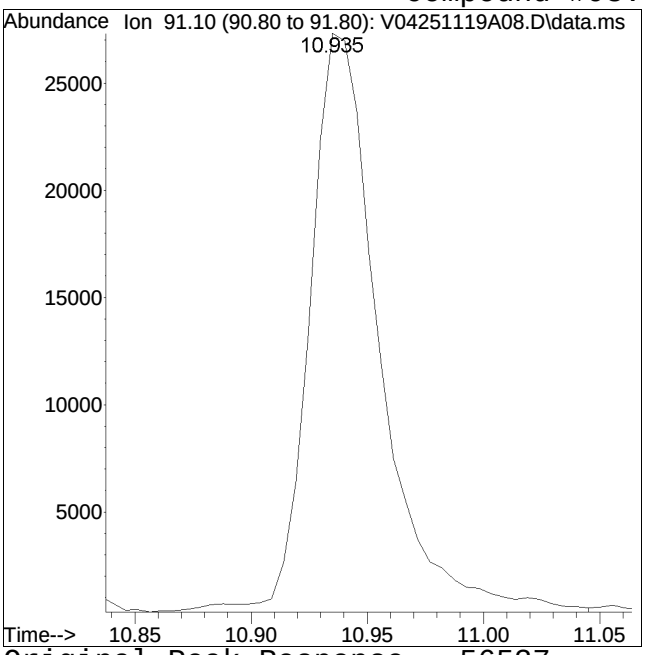


Original Peak Response = 5229 Manual Peak Response = 5546 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

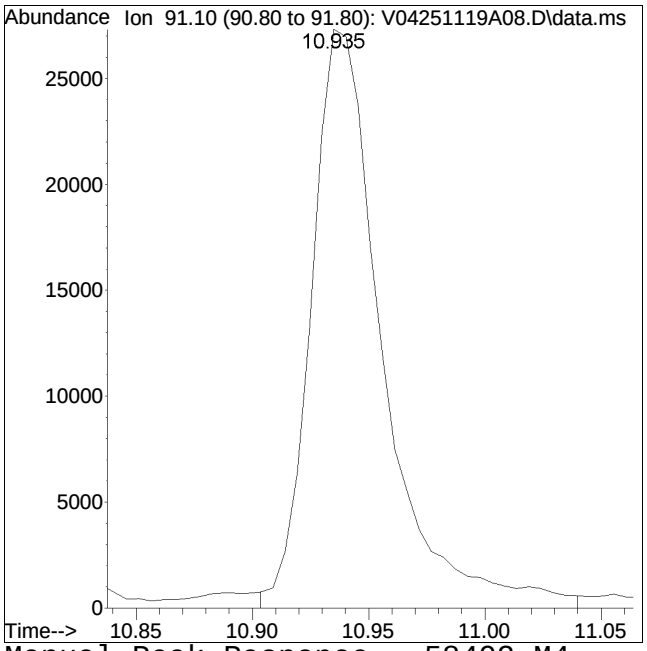
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A08.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:10 pm Instrument : VOA104
Sample : I8260STD4.0PPB Quant Date : 11/20/2025 7:25 am

Compound #93: 4-Chlorotoluene



Original Peak Response = 56537



Manual Peak Response = 58492 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A09.D
Acq On : 19 Nov 2025 9:36 pm
Operator : VOA104:JIC
Sample : I8260STD20PPB
Misc : WG2144251,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 20 07:47:26 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	5.377	96	323072	20.000 ug/L	0.00
Standard Area 1 = 299397			Recovery = 107.91%		
59) Chlorobenzene-d5	8.838	117	248520	20.000 ug/L	0.00
Standard Area 1 = 232239			Recovery = 107.01%		
79) 1,4-Dichlorobenzene-d4	11.669	152	132877	20.000 ug/L	0.00
Standard Area 1 = 124245			Recovery = 106.95%		
System Monitoring Compounds					
36) Dibromofluoromethane	4.612	113	92602	19.958 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.79%		
43) 1,2-Dichloroethane-d4	5.110	65	79042	19.509 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.55%		
60) Toluene-d8	7.024	98	321883	19.999 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.99%		
83) 4-Bromofluorobenzene	10.395	95	115863	20.144 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.72%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.408	85	111891	19.543 ug/L	99
3) Chloromethane	1.571	50	114061	19.276 ug/L	99
4) Vinyl chloride	1.628	62	115452	19.139 ug/L	99
5) Bromomethane	1.885	94	61780	18.229 ug/L	96
6) Chloroethane	1.985	64	71177	19.263 ug/L	93
7) Trichlorofluoromethane	2.100	101	139428	19.186 ug/L	100
8) Ethyl ether	2.352	74	41708	18.853 ug/L	94
10) 1,1-Dichloroethene	2.530	96	78076	19.292 ug/L	96
11) Carbon disulfide	2.556	76	281807	19.481 ug/L	100
12) Freon-113	2.556	101	81315	19.207 ug/L #	73
14) Acrolein	2.824	56	7330M1	18.327 ug/L	
15) Methylene chloride	3.028	84	90809	19.363 ug/L	99
17) Acetone	3.065	43	29346M6	18.526 ug/L	
18) trans-1,2-Dichloroethene	3.165	96	87499	19.543 ug/L	95
19) Methyl acetate	3.175	43	30795	18.032 ug/L #	91
20) Methyl tert-butyl ether	3.243	73	216200	18.829 ug/L	96
21) tert-Butyl alcohol	3.338	59	34504	90.091 ug/L	93
22) Diisopropyl ether	3.574	45	274004	18.960 ug/L	98
23) 1,1-Dichloroethane	3.699	63	168083	19.572 ug/L	98
24) Halothane	3.757	117	69277	19.263 ug/L	99
25) Acrylonitrile	3.762	53	15708	17.445 ug/L #	85

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A09.D
Acq On : 19 Nov 2025 9:36 pm
Operator : VOA104:JIC
Sample : I8260STD20PPB
Misc : WG2144251,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 20 07:47:26 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	3.899	59	256782	18.815	ug/L		98
27) Vinyl acetate	3.925	43	157587	18.322	ug/L		100
28) cis-1,2-Dichloroethene	4.192	96	97294	19.458	ug/L		93
29) 2,2-Dichloropropane	4.276	77	134195	19.275	ug/L		98
30) Bromochloromethane	4.371	128	46010	19.556	ug/L		94
31) Cyclohexane	4.355	56	132339	19.100	ug/L		94
32) Chloroform	4.444	83	166450	20.061	ug/L		99
33) Ethyl acetate	4.554	43	51310	18.135	ug/L		95
34) Carbon tetrachloride	4.554	117	127766	19.261	ug/L		99
35) Tetrahydrofuran	4.585	42	19452	20.339	ug/L		95
37) 1,1,1-Trichloroethane	4.617	97	135410	19.711	ug/L		99
39) 2-Butanone	4.727	43	20530	17.077	ug/L	#	71
40) 1,1-Dichloropropene	4.738	75	109472	19.671	ug/L		98
41) Benzene	4.968	78	318423	19.306	ug/L		99
42) tert-Amyl methyl ether	5.073	73	211718	18.966	ug/L		94
44) 1,2-Dichloroethane	5.178	62	108346	19.282	ug/L		99
47) Methyl cyclohexane	5.524	83	126276	18.435	ug/L		91
48) Trichloroethene	5.550	95	86812	19.213	ug/L		97
50) Dibromomethane	5.985	93	50153	18.833	ug/L		99
51) 1,2-Dichloropropane	6.075	63	89383	19.370	ug/L		99
53) 2-Chloroethyl vinyl ether	6.772	63	44136	17.958	ug/L		98
54) Bromodichloromethane	6.158	83	122664	19.061	ug/L		98
57) 1,4-Dioxane	6.368	88	24434M1	853.005	ug/L		
58) cis-1,3-Dichloropropene	6.830	75	137831	18.849	ug/L		92
61) Toluene	7.081	92	197989	19.157	ug/L		99
62) 4-Methyl-2-pentanone	7.522	58	22586	18.929	ug/L		95
63) Tetrachloroethene	7.516	166	93865	19.027	ug/L		99
65) trans-1,3-Dichloropropene	7.574	75	115290	19.043	ug/L		97
67) Ethyl methacrylate	7.768	69	80955	18.734	ug/L		100
68) 1,1,2-Trichloroethane	7.752	83	57482	19.514	ug/L		97
69) Chlorodibromomethane	7.952	129	97072	19.304	ug/L		98
70) 1,3-Dichloropropane	8.062	76	107620	19.184	ug/L		98
71) 1,2-Dibromoethane	8.219	107	68525	18.698	ug/L		99
72) 2-Hexanone	8.528	43	36254	18.156	ug/L		98
73) Chlorobenzene	8.859	112	237145	19.281	ug/L		100
74) Ethylbenzene	8.895	91	370755	18.812	ug/L		99
75) 1,1,1,2-Tetrachloroethane	8.942	131	92371	19.411	ug/L		98
76) p/m Xylene	9.084	106	288827	38.494	ug/L		99
77) o Xylene	9.624	106	293974	38.463	ug/L		100
78) Styrene	9.697	104	477566	38.683	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A09.D
Acq On : 19 Nov 2025 9:36 pm
Operator : VOA104:JIC
Sample : I8260STD20PPB
Misc : WG2144251,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 20 07:47:26 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Bromoform	9.724	173	61673	19.482	ug/L	100
82) Isopropylbenzene	10.033	105	370417	19.182	ug/L	99
84) Bromobenzene	10.505	156	103802	19.188	ug/L	100
85) n-Propylbenzene	10.563	91	426568	19.054	ug/L	100
86) 1,4-Dichlorobutane	10.584	55	110918	19.454	ug/L	96
87) 1,1,2,2-Tetrachloroethane	10.678	83	80970	19.201	ug/L	99
88) 4-Ethyltoluene	10.699	105	353153	19.083	ug/L	99
89) 2-Chlorotoluene	10.736	91	258700M6	19.543	ug/L	
90) 1,3,5-Trimethylbenzene	10.804	105	306022	19.091	ug/L	98
91) 1,2,3-Trichloropropane	10.809	75	58454	19.505	ug/L	98
92) trans-1,4-Dichloro-2-b...	10.882	53	21975	19.562	ug/L	88
93) 4-Chlorotoluene	10.930	91	256622	19.310	ug/L	95
94) tert-Butylbenzene	11.160	119	263689	18.957	ug/L	99
97) 1,2,4-Trimethylbenzene	11.249	105	303970	19.058	ug/L	99
98) sec-Butylbenzene	11.360	105	389578	18.814	ug/L	99
99) p-Isopropyltoluene	11.527	119	335733	18.898	ug/L	99
100) 1,3-Dichlorobenzene	11.590	146	182271	19.057	ug/L	100
101) 1,4-Dichlorobenzene	11.685	146	184294	19.318	ug/L	100
102) p-Diethylbenzene	11.915	119	192495	18.393	ug/L	98
103) n-Butylbenzene	11.973	91	291756	18.400	ug/L	99
104) 1,2-Dichlorobenzene	12.120	146	173993	19.176	ug/L	99
105) 1,2,4,5-Tetramethylben...	12.733	119	298308	18.134	ug/L	99
106) 1,2-Dibromo-3-chloropr...	12.927	155	13267	18.057	ug/L	98
107) 1,3,5-Trichlorobenzene	12.953	180	135290	18.436	ug/L	98
108) Hexachlorobutadiene	13.541	225	70185	18.237	ug/L	99
109) 1,2,4-Trichlorobenzene	13.562	180	112144	18.242	ug/L	99
110) Naphthalene	13.855	128	187888	17.699	ug/L	100
111) 1,2,3-Trichlorobenzene	14.028	180	94809	18.488	ug/L	99

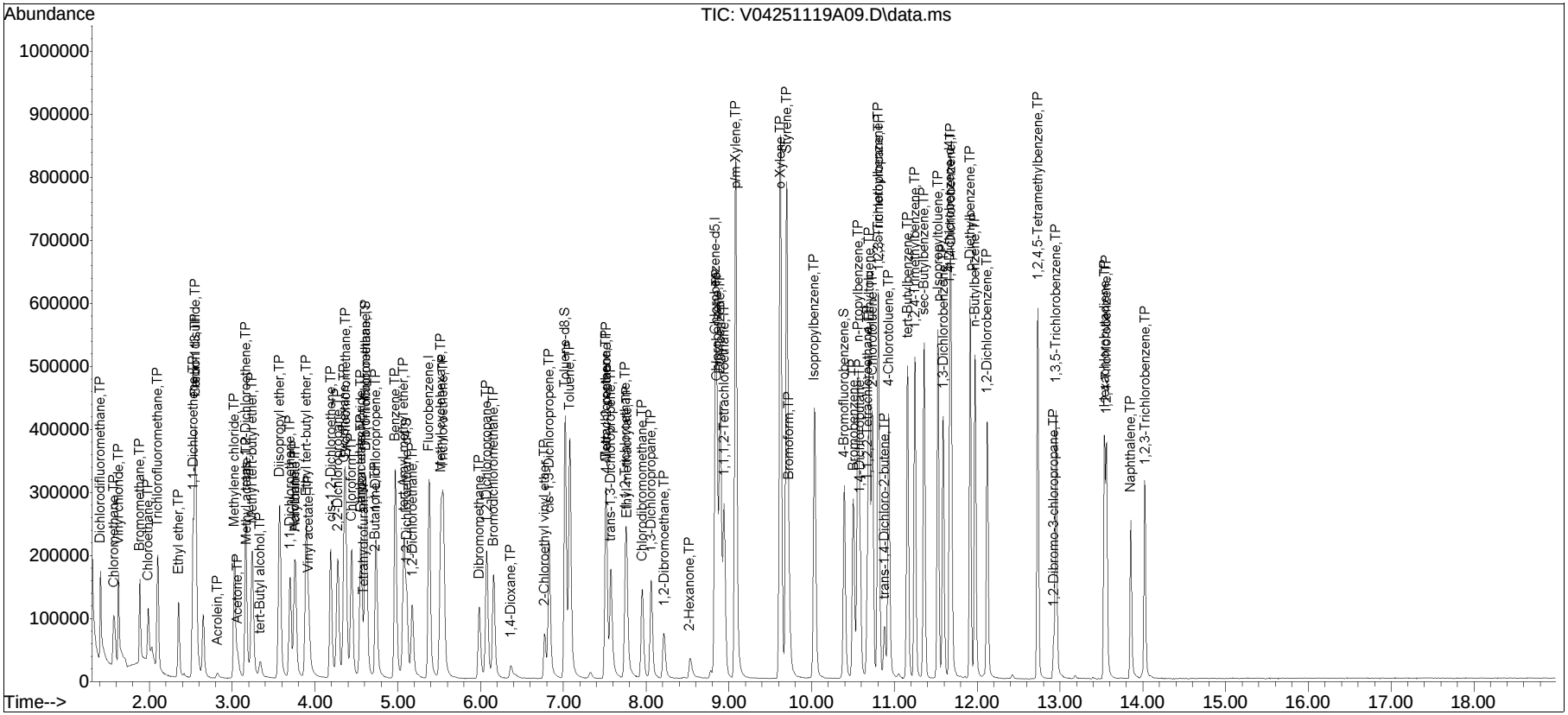
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A09.D
Acq On : 19 Nov 2025 9:36 pm
Operator : VOA104:JIC
Sample : I8260STD20PPB
Misc : WG2144251,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 20 07:47:26 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

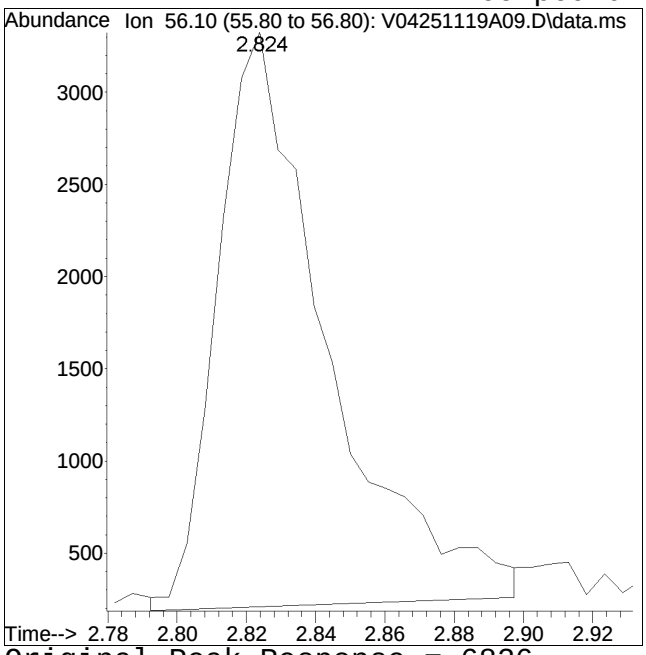
Sub List : 8260-CurveSoil - Megamix plus Diox51119A10.D•

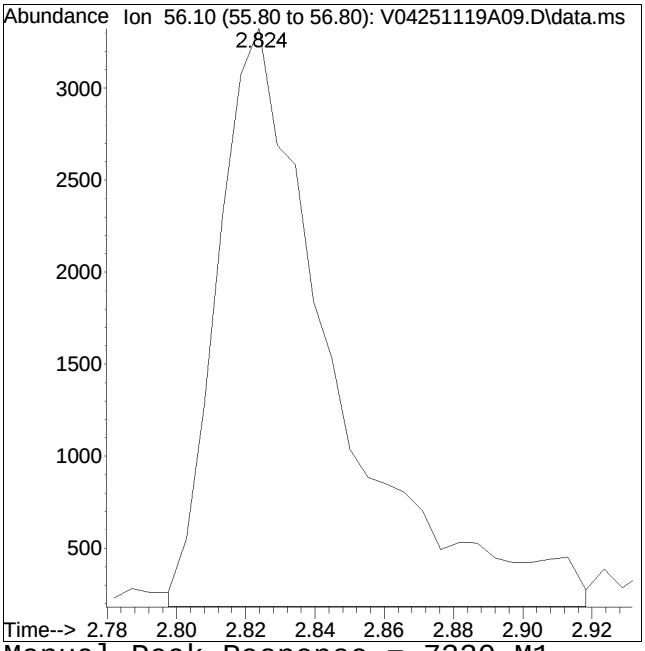


Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A09.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:36 pm Instrument : VOA104
Sample : I8260STD20PPB Quant Date : 11/20/2025 7:25 am

Compound #14: Acrolein



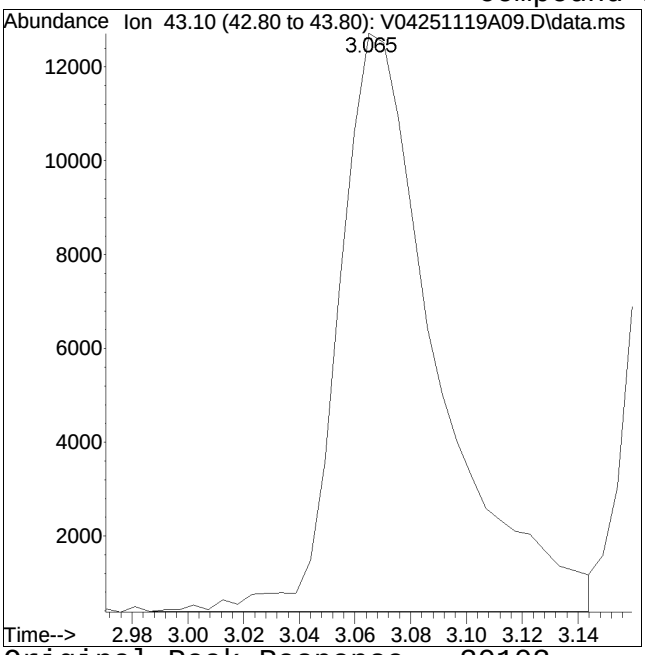


Original Peak Response = 6826 Manual Peak Response = 7330 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

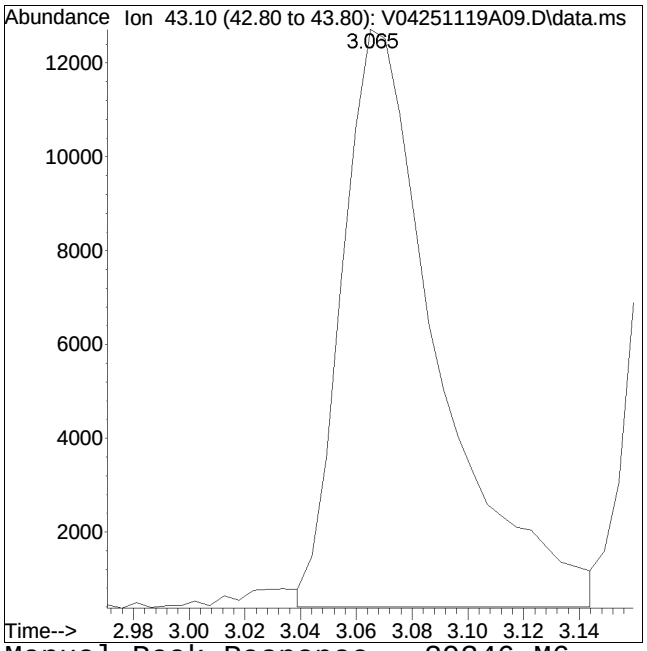
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A09.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:36 pm Instrument : VOA104
Sample : I8260STD20PPB Quant Date : 11/20/2025 7:25 am

Compound #17: Acetone



Original Peak Response = 30103



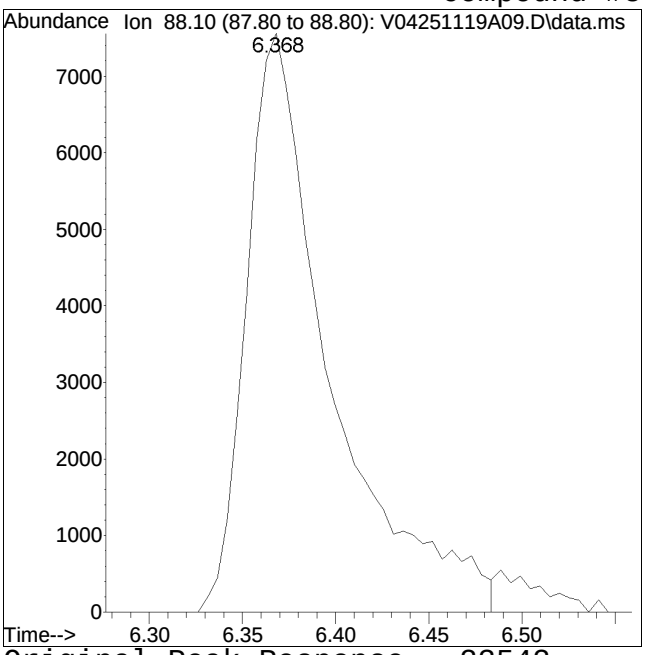
Manual Peak Response = 29346 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

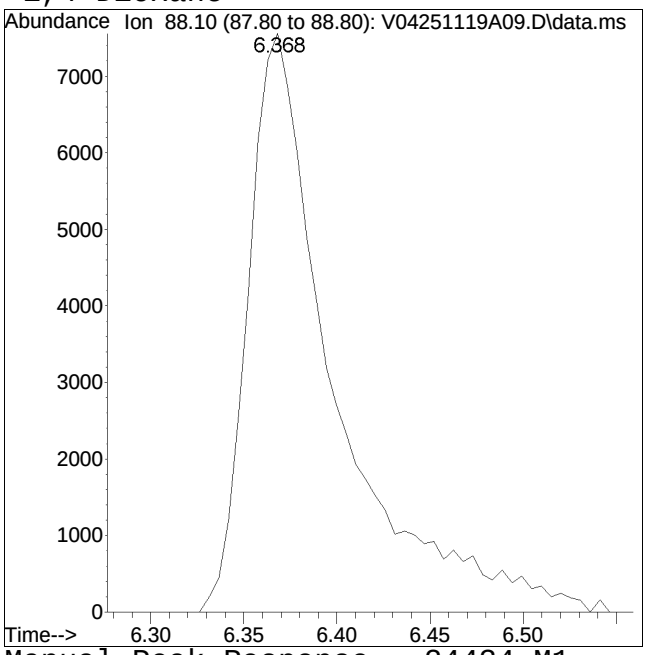
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A09.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:36 pm Instrument : VOA104
Sample : I8260STD20PPB Quant Date : 11/20/2025 7:25 am

Compound #57: 1,4-Dioxane



Original Peak Response = 23542



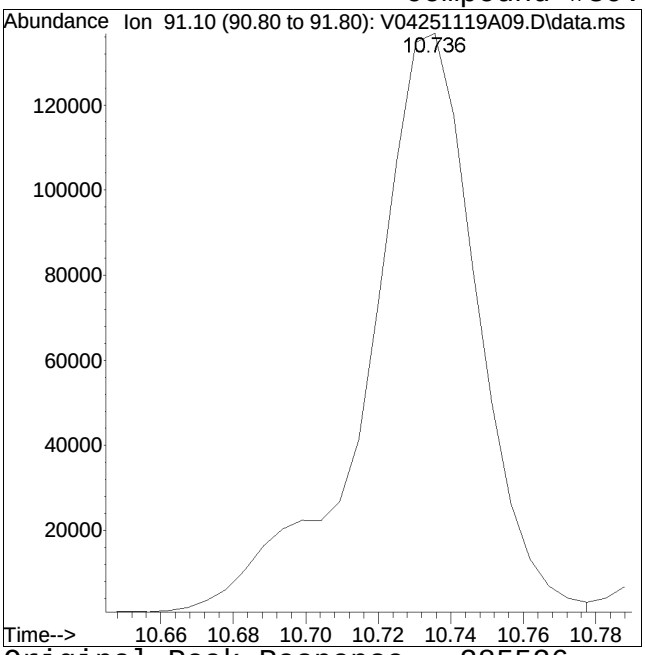
Manual Peak Response = 24434 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

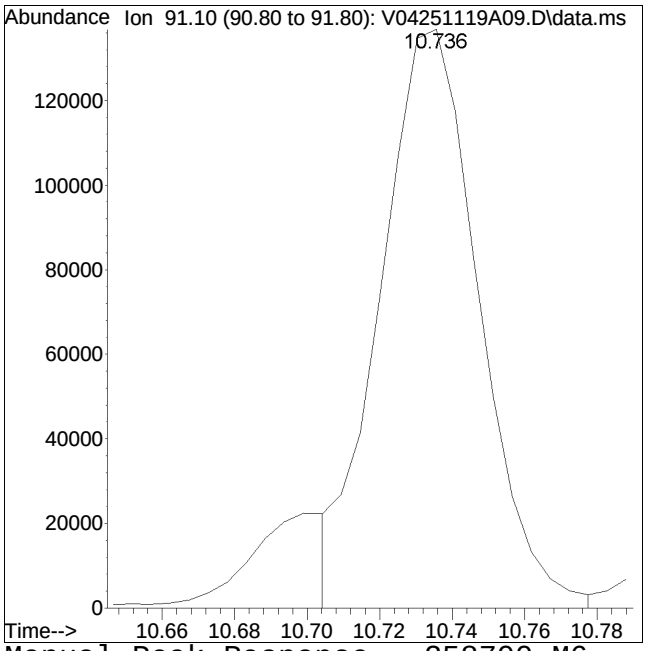
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A09.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 9:36 pm Instrument : VOA104
Sample : I8260STD20PPB Quant Date : 11/20/2025 7:25 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 285526



Manual Peak Response = 258700 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A10.D
Acq On : 19 Nov 2025 10:03 pm
Operator : VOA104:JIC
Sample : I8260STD40PPB
Misc : WG2144251,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 20 07:52:20 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jun 12 14:02:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.377	96	299397	20.000	ug/L	0.00
Standard Area 1 = 299397			Recovery = 100.00%			
59) Chlorobenzene-d5	8.838	117	232239	20.000	ug/L	0.00
Standard Area 1 = 232239			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	11.669	152	124245	20.000	ug/L	0.00
Standard Area 1 = 124245			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.612	113	85996	20.009	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.05%			
43) 1,2-Dichloroethane-d4	5.110	65	75095	19.466	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.33%			
60) Toluene-d8	7.024	98	300810	19.011	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.06%			
83) 4-Bromofluorobenzene	10.395	95	107563	19.193	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.97%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.408	85	212228	39.537	ug/L	99
3) Chloromethane	1.571	50	219347	44.325	ug/L	100
4) Vinyl chloride	1.628	62	223613	39.102	ug/L	100
5) Bromomethane	1.885	94	125632	26.562	ug/L	97
6) Chloroethane	1.985	64	136969	39.168	ug/L	94
7) Trichlorofluoromethane	2.100	101	269390	33.554	ug/L	99
8) Ethyl ether	2.352	74	82005	42.768	ug/L	94
10) 1,1-Dichloroethene	2.530	96	150017	37.441	ug/L	96
11) Carbon disulfide	2.556	76	536217	37.613	ug/L	99
12) Freon-113	2.556	101	156938	39.277	ug/L #	75
14) Acrolein	2.819	56	14826	38.315	ug/L	94
15) Methylene chloride	3.028	84	173845	35.688	ug/L	98
17) Acetone	3.065	43	58718	69.058	ug/L	97
18) trans-1,2-Dichloroethene	3.165	96	165968	37.589	ug/L	96
19) Methyl acetate	3.170	43	63305	47.028	ug/L #	91
20) Methyl tert-butyl ether	3.243	73	425645	43.643	ug/L	96
21) tert-Butyl alcohol	3.338	59	70985	253.118	ug/L	95
22) Diisopropyl ether	3.574	45	535715	50.117	ug/L	98
23) 1,1-Dichloroethane	3.699	63	318340	39.922	ug/L	98
24) Halothane	3.757	117	133311	39.948	ug/L	99
25) Acrylonitrile	3.757	53	33378	51.242	ug/L	93

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A10.D
Acq On : 19 Nov 2025 10:03 pm
Operator : VOA104:JIC
Sample : I8260STD40PPB
Misc : WG2144251,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 20 07:52:20 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jun 12 14:02:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	3.893	59	505901	45.973	ug/L		97
27) Vinyl acetate	3.925	43	318828	71.021	ug/L		99
28) cis-1,2-Dichloroethene	4.187	96	185352	39.162	ug/L		93
29) 2,2-Dichloropropane	4.276	77	258082	36.838	ug/L		98
30) Bromochloromethane	4.371	128	87211	40.448	ug/L		93
31) Cyclohexane	4.355	56	256844	42.514	ug/L		94
32) Chloroform	4.444	83	307573	37.289	ug/L		99
33) Ethyl acetate	4.549	43	104879	52.975	ug/L	#	94
34) Carbon tetrachloride	4.554	117	245886	37.561	ug/L		100
35) Tetrahydrofuran	4.575	42	38687M1	44.712	ug/L		
37) 1,1,1-Trichloroethane	4.617	97	254660	36.556	ug/L		99
39) 2-Butanone	4.722	43	44564	53.232	ug/L	#	81
40) 1,1-Dichloropropene	4.738	75	206292	41.462	ug/L		99
41) Benzene	4.968	78	611381	39.875	ug/L		98
42) tert-Amyl methyl ether	5.073	73	413793	43.072	ug/L		95
44) 1,2-Dichloroethane	5.173	62	208288	40.461	ug/L		98
47) Methyl cyclohexane	5.524	83	253907	39.969	ug/L		92
48) Trichloroethene	5.550	95	167490	36.482	ug/L		97
50) Dibromomethane	5.980	93	98717	39.093	ug/L		99
51) 1,2-Dichloropropane	6.075	63	171052	42.535	ug/L		99
53) 2-Chloroethyl vinyl ether	6.772	63	91104	50.561	ug/L		98
54) Bromodichloromethane	6.158	83	238545	37.309	ug/L		99
57) 1,4-Dioxane	6.363	88	53091M1	2218.890	ug/L		
58) cis-1,3-Dichloropropene	6.830	75	271058	43.100	ug/L		96
61) Toluene	7.081	92	386324	35.058	ug/L		99
62) 4-Methyl-2-pentanone	7.522	58	44602	49.918	ug/L		94
63) Tetrachloroethene	7.511	166	184405	40.557	ug/L		99
65) trans-1,3-Dichloropropene	7.574	75	226308	40.937	ug/L		97
67) Ethyl methacrylate	7.763	69	161526	41.599	ug/L		99
68) 1,1,2-Trichloroethane	7.752	83	110110	37.699	ug/L		99
69) Chlorodibromomethane	7.952	129	187968	39.534	ug/L		99
70) 1,3-Dichloropropane	8.062	76	209695	40.589	ug/L		99
71) 1,2-Dibromoethane	8.214	107	136993	41.187	ug/L		100
72) 2-Hexanone	8.523	43	74641	47.888	ug/L		99
73) Chlorobenzene	8.853	112	459754	37.777	ug/L		100
74) Ethylbenzene	8.895	91	736708	35.124	ug/L		100
75) 1,1,1,2-Tetrachloroethane	8.942	131	177874	39.188	ug/L		99
76) p/m Xylene	9.084	106	560927	70.883	ug/L		99
77) o Xylene	9.624	106	571381	71.615	ug/L		99
78) Styrene	9.697	104	922939	70.980	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A10.D
Acq On : 19 Nov 2025 10:03 pm
Operator : VOA104:JIC
Sample : I8260STD40PPB
Misc : WG2144251,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 20 07:52:20 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jun 12 14:02:06 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	9.724	173	118399	42.109	ug/L		99
82) Isopropylbenzene	10.033	105	722266	34.615	ug/L		99
84) Bromobenzene	10.505	156	202334	38.306	ug/L		99
85) n-Propylbenzene	10.557	91	837308	34.014	ug/L		100
86) 1,4-Dichlorobutane	10.584	55	213249	41.999	ug/L		96
87) 1,1,2,2-Tetrachloroethane	10.678	83	157724	36.059	ug/L		99
88) 4-Ethyltoluene	10.694	105	692161	34.342	ug/L		100
89) 2-Chlorotoluene	10.730	91	495109M6	34.181	ug/L		
90) 1,3,5-Trimethylbenzene	10.804	105	599523	33.511	ug/L		98
91) 1,2,3-Trichloropropane	10.809	75	112085	37.197	ug/L		98
92) trans-1,4-Dichloro-2-b...	10.877	53	42015	39.644	ug/L	#	81
93) 4-Chlorotoluene	10.930	91	497056	33.767	ug/L		96
94) tert-Butylbenzene	11.160	119	520263	34.862	ug/L		99
97) 1,2,4-Trimethylbenzene	11.244	105	596547	34.245	ug/L		99
98) sec-Butylbenzene	11.360	105	774473	34.340	ug/L		99
99) p-Isopropyltoluene	11.527	119	664464	34.756	ug/L		99
100) 1,3-Dichlorobenzene	11.585	146	357725	37.044	ug/L		99
101) 1,4-Dichlorobenzene	11.685	146	356814	35.147	ug/L		99
102) p-Diethylbenzene	11.915	119	391436	34.828	ug/L		98
103) n-Butylbenzene	11.973	91	593056	35.571	ug/L		99
104) 1,2-Dichlorobenzene	12.120	146	339357	37.318	ug/L		99
105) 1,2,4,5-Tetramethylben...	12.733	119	615263	36.726	ug/L		99
106) 1,2-Dibromo-3-chloropr...	12.927	155	27480	44.736	ug/L		99
107) 1,3,5-Trichlorobenzene	12.953	180	274468	37.256	ug/L		99
108) Hexachlorobutadiene	13.535	225	143943	38.773	ug/L		99
109) 1,2,4-Trichlorobenzene	13.562	180	229934	39.367	ug/L		99
110) Naphthalene	13.855	128	397038	39.993	ug/L		100
111) 1,2,3-Trichlorobenzene	14.023	180	191799	39.608	ug/L		98

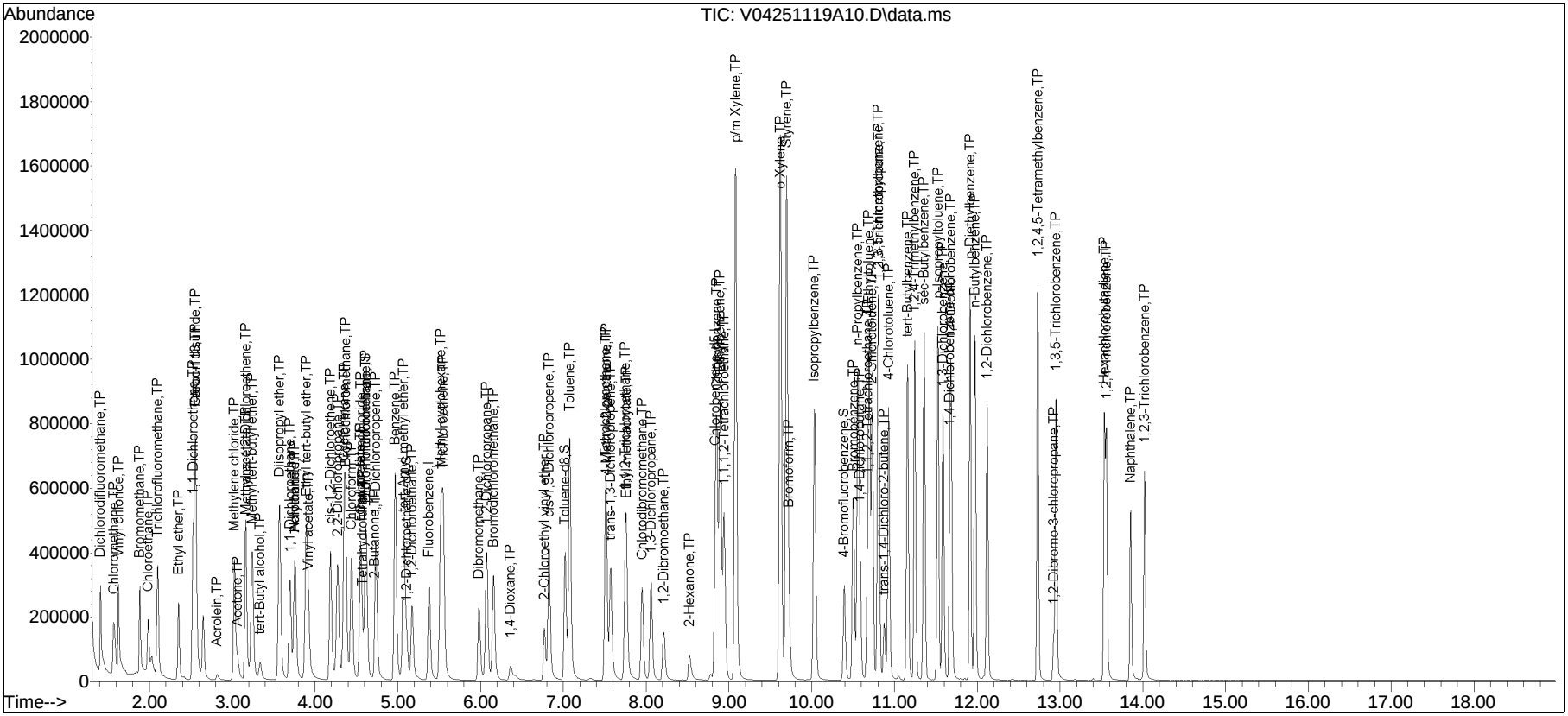
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A10.D
Acq On : 19 Nov 2025 10:03 pm
Operator : VOA104:JIC
Sample : I8260STD40PPB
Misc : WG2144251,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 20 07:52:20 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Jun 12 14:02:06 2025
Response via : Initial Calibration

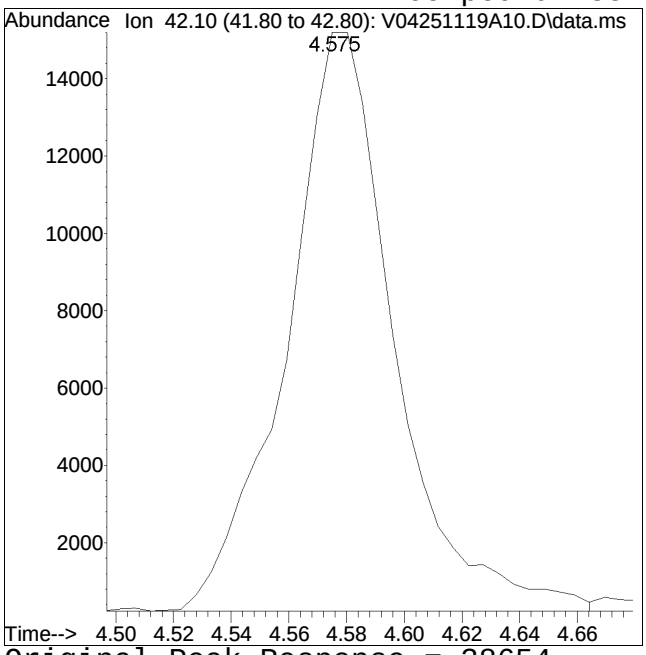
Sub List : 8260-CurveSoil - Megamix plus Diox51119A10.D•

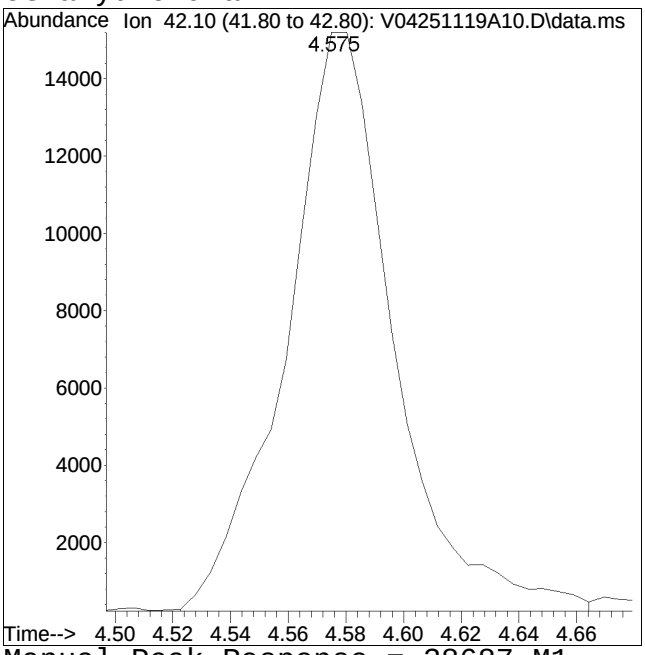


Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A10.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 10:03 pm Instrument : VOA104
Sample : I8260STD40PPB Quant Date : 11/20/2025 7:14 am

Compound #35: Tetrahydrofuran





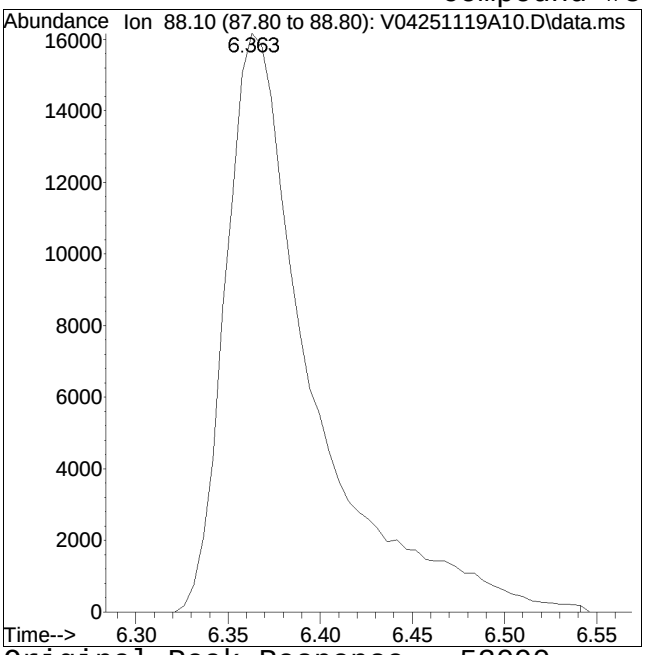
Original Peak Response = 38654 Manual Peak Response = 38687 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

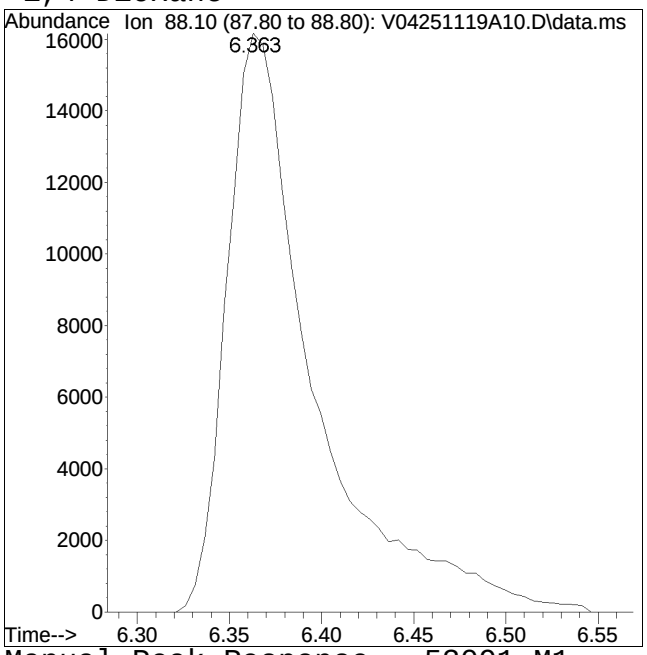
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A10.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 10:03 pm Instrument : VOA104
Sample : I8260STD40PPB Quant Date : 11/20/2025 7:14 am

Compound #57: 1,4-Dioxane



Original Peak Response = 53090



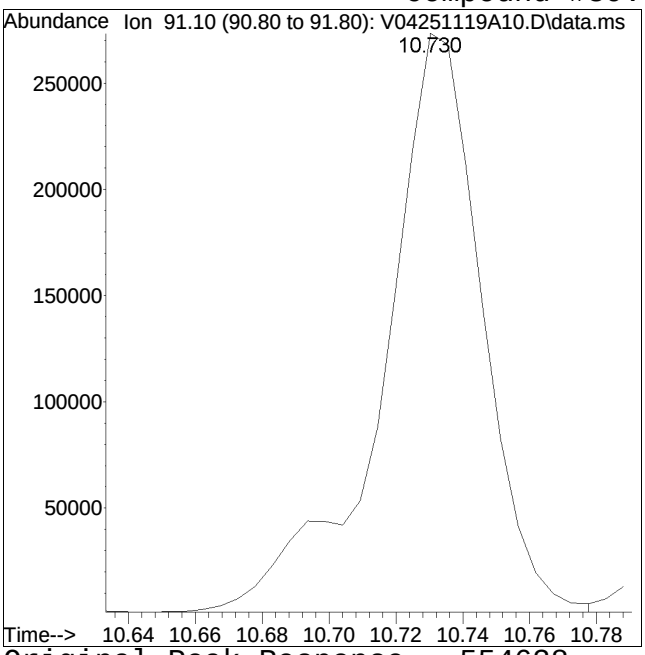
Manual Peak Response = 53091 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

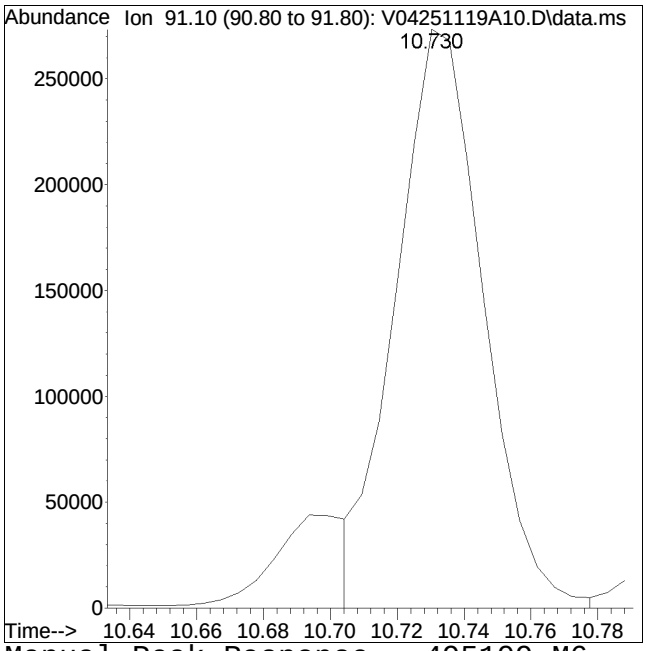
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A10.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 10:03 pm Instrument : VOA104
Sample : I8260STD40PPB Quant Date : 11/20/2025 7:14 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 554638



Manual Peak Response = 495109 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A11.D
Acq On : 19 Nov 2025 10:29 pm
Operator : VOA104:JIC
Sample : I8260STD100PPB
Misc : WG2144251,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 20 07:52:39 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.377	96	294617	20.000	ug/L	0.00
Standard Area 1 = 299397			Recovery = 98.40%			
59) Chlorobenzene-d5	8.832	117	232595	20.000	ug/L	0.00
Standard Area 1 = 232239			Recovery = 100.15%			
79) 1,4-Dichlorobenzene-d4	11.669	152	123356	20.000	ug/L	0.00
Standard Area 1 = 124245			Recovery = 99.28%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.612	113	82843	19.579	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.89%			
43) 1,2-Dichloroethane-d4	5.110	65	72410	19.598	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.99%			
60) Toluene-d8	7.024	98	297730	19.765	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.83%			
83) 4-Bromofluorobenzene	10.395	95	107127	20.062	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.31%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.408	85	541235	103.665	ug/L	99
3) Chloromethane	1.571	50	530872	98.380	ug/L	100
4) Vinyl chloride	1.623	62	552999	100.526	ug/L	99
5) Bromomethane	1.885	94	326149	105.527	ug/L	96
6) Chloroethane	1.980	64	312341	92.695	ug/L	95
7) Trichlorofluoromethane	2.100	101	666980	100.642	ug/L	99
8) Ethyl ether	2.352	74	203954	101.098	ug/L	92
10) 1,1-Dichloroethene	2.525	96	369759	100.191	ug/L	95
11) Carbon disulfide	2.551	76	1291652	97.916	ug/L	100
12) Freon-113	2.557	101	379998	98.424	ug/L #	75
14) Acrolein	2.819	56	38351	105.148	ug/L	95
15) Methylene chloride	3.028	84	419668	98.128	ug/L	97
17) Acetone	3.060	43	131128	90.777	ug/L	99
18) trans-1,2-Dichloroethene	3.159	96	406370	99.528	ug/L	95
19) Methyl acetate	3.170	43	158765	101.945	ug/L #	91
20) Methyl tert-butyl ether	3.243	73	1018633	97.279	ug/L	95
21) tert-Butyl alcohol	3.338	59	158557	453.982	ug/L	92
22) Diisopropyl ether	3.574	45	1292564	98.077	ug/L	98
23) 1,1-Dichloroethane	3.699	63	759368	96.964	ug/L	98
24) Halothane	3.757	117	317692	96.870	ug/L	100
25) Acrylonitrile	3.752	53	82951	101.021	ug/L	93

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A11.D
Acq On : 19 Nov 2025 10:29 pm
Operator : VOA104:JIC
Sample : I8260STD100PPB
Misc : WG2144251,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 20 07:52:39 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	3.893	59	1200882	96.490	ug/L		96
27) Vinyl acetate	3.920	43	766895	97.775	ug/L		99
28) cis-1,2-Dichloroethene	4.187	96	446318	97.881	ug/L		94
29) 2,2-Dichloropropane	4.276	77	617456	97.252	ug/L		99
30) Bromochloromethane	4.371	128	206994	96.480	ug/L		93
31) Cyclohexane	4.355	56	611537	96.784	ug/L		93
32) Chloroform	4.439	83	715569	94.570	ug/L		99
33) Ethyl acetate	4.544	43	258192	100.070	ug/L		98
34) Carbon tetrachloride	4.554	117	589768	97.498	ug/L		100
35) Tetrahydrofuran	4.575	42	91062M1	104.408	ug/L		
37) 1,1,1-Trichloroethane	4.617	97	606660	96.835	ug/L		99
39) 2-Butanone	4.717	43	107975	98.489	ug/L	#	79
40) 1,1-Dichloropropene	4.738	75	500025	98.528	ug/L		99
41) Benzene	4.968	78	1469352	97.693	ug/L		98
42) tert-Amyl methyl ether	5.073	73	994553	97.700	ug/L		94
44) 1,2-Dichloroethane	5.173	62	496258	96.849	ug/L		98
47) Methyl cyclohexane	5.524	83	620233	99.296	ug/L		91
48) Trichloroethene	5.550	95	409609	99.410	ug/L		98
50) Dibromomethane	5.980	93	241077	99.269	ug/L		98
51) 1,2-Dichloropropane	6.075	63	415393	98.714	ug/L		98
53) 2-Chloroethyl vinyl ether	6.767	63	223696	99.809	ug/L		98
54) Bromodichloromethane	6.153	83	575727	98.106	ug/L		99
57) 1,4-Dioxane	6.363	88	124052	4749.004	ug/L		97
58) cis-1,3-Dichloropropene	6.824	75	663737	99.537	ug/L		95
61) Toluene	7.076	92	940334	97.213	ug/L		100
62) 4-Methyl-2-pentanone	7.516	58	107478	96.241	ug/L		93
63) Tetrachloroethene	7.511	166	460588	99.755	ug/L		99
65) trans-1,3-Dichloropropene	7.569	75	551553	97.338	ug/L		97
67) Ethyl methacrylate	7.763	69	392272	96.993	ug/L		99
68) 1,1,2-Trichloroethane	7.747	83	265543	96.317	ug/L		98
69) Chlorodibromomethane	7.952	129	457599	97.229	ug/L		99
70) 1,3-Dichloropropane	8.062	76	505404	96.260	ug/L		100
71) 1,2-Dibromoethane	8.209	107	332105	96.822	ug/L		100
72) 2-Hexanone	8.518	43	188040	100.616	ug/L		98
73) Chlorobenzene	8.853	112	1136472	98.725	ug/L		99
74) Ethylbenzene	8.895	91	1774836	96.218	ug/L		99
75) 1,1,1,2-Tetrachloroethane	8.943	131	427379	95.961	ug/L		99
76) p/m Xylene	9.079	106	1360737	193.773	ug/L		100
77) o Xylene	9.624	106	1384253	193.515	ug/L		100
78) Styrene	9.698	104	2232897	193.250	ug/L		98

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A11.D
Acq On : 19 Nov 2025 10:29 pm
Operator : VOA104:JIC
Sample : I8260STD100PPB
Misc : WG2144251,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 20 07:52:39 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80)	Bromoform	9.724	173	280906	95.585	ug/L		99
82)	Isopropylbenzene	10.033	105	1769369	98.696	ug/L		99
84)	Bromobenzene	10.500	156	501328	99.823	ug/L		98
85)	n-Propylbenzene	10.557	91	2054157	98.839	ug/L		100
86)	1,4-Dichlorobutane	10.584	55	504374	95.289	ug/L		96
87)	1,1,2,2-Tetrachloroethane	10.673	83	378445	96.668	ug/L		99
88)	4-Ethyltoluene	10.699	105	1696889	98.770	ug/L		99
89)	2-Chlorotoluene	10.730	91	1178355M6	95.886	ug/L		
90)	1,3,5-Trimethylbenzene	10.804	105	1452670	97.620	ug/L		98
91)	1,2,3-Trichloropropane	10.809	75	266469	95.781	ug/L		98
92)	trans-1,4-Dichloro-2-b...	10.872	53	98525	94.476	ug/L	#	74
93)	4-Chlorotoluene	10.930	91	1221876	99.038	ug/L		97
94)	tert-Butylbenzene	11.160	119	1277202	98.904	ug/L		99
97)	1,2,4-Trimethylbenzene	11.244	105	1467037	99.077	ug/L		99
98)	sec-Butylbenzene	11.360	105	1896312	98.647	ug/L		100
99)	p-Isopropyltoluene	11.527	119	1642853	99.611	ug/L		99
100)	1,3-Dichlorobenzene	11.585	146	877660	98.845	ug/L		99
101)	1,4-Dichlorobenzene	11.685	146	888284	100.297	ug/L		99
102)	p-Diethylbenzene	11.915	119	987125	101.599	ug/L		99
103)	n-Butylbenzene	11.973	91	1441629	97.935	ug/L		99
104)	1,2-Dichlorobenzene	12.120	146	835377	99.175	ug/L		98
105)	1,2,4,5-Tetramethylben...	12.733	119	1588561	104.021	ug/L		100
106)	1,2-Dibromo-3-chloropr...	12.922	155	68469	100.382	ug/L		99
107)	1,3,5-Trichlorobenzene	12.953	180	703113	103.208	ug/L		99
108)	Hexachlorobutadiene	13.535	225	358600	100.369	ug/L		99
109)	1,2,4-Trichlorobenzene	13.562	180	576845	101.073	ug/L		99
110)	Naphthalene	13.855	128	1029621	104.478	ug/L		100
111)	1,2,3-Trichlorobenzene	14.023	180	494898	103.956	ug/L		98

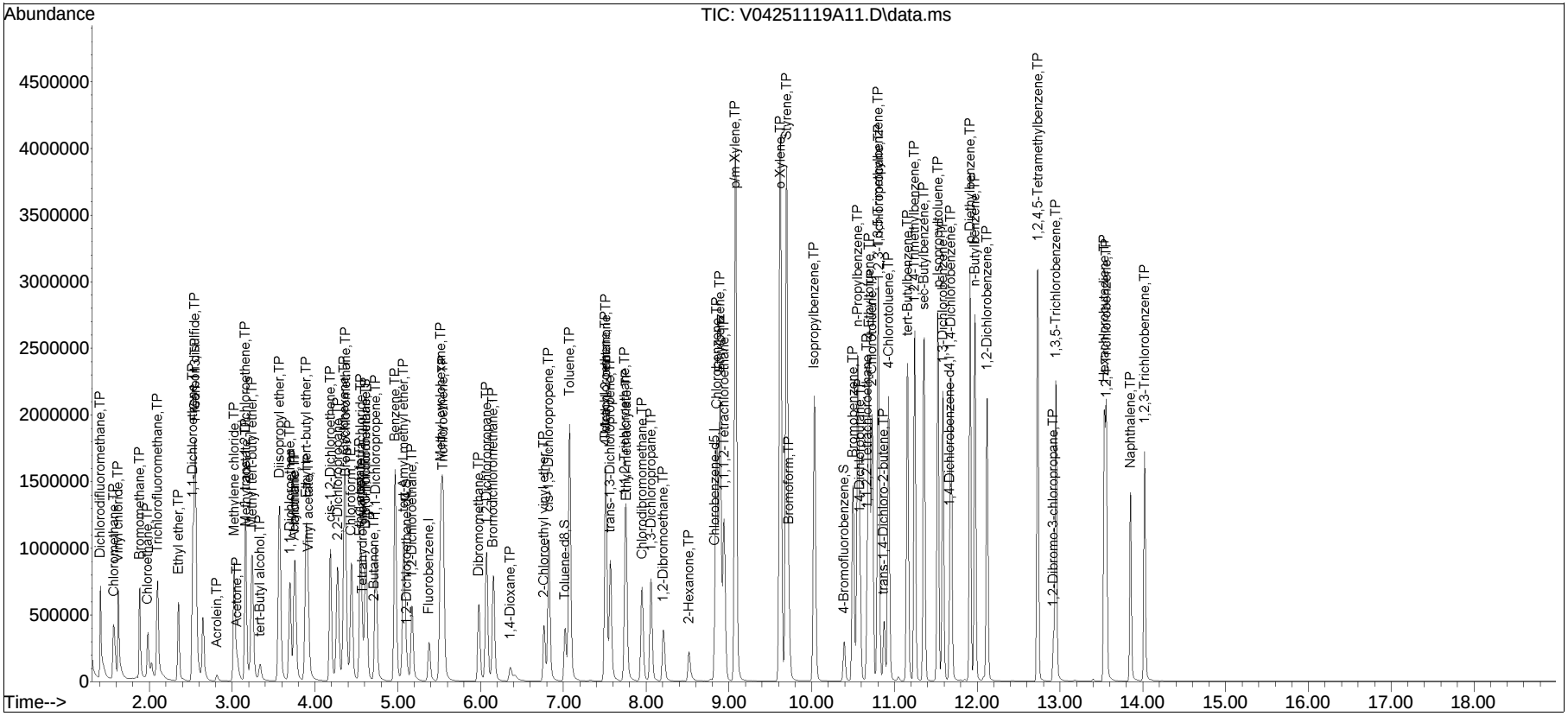
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A11.D
Acq On : 19 Nov 2025 10:29 pm
Operator : VOA104:JIC
Sample : I8260STD100PPB
Misc : WG2144251,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 20 07:52:39 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

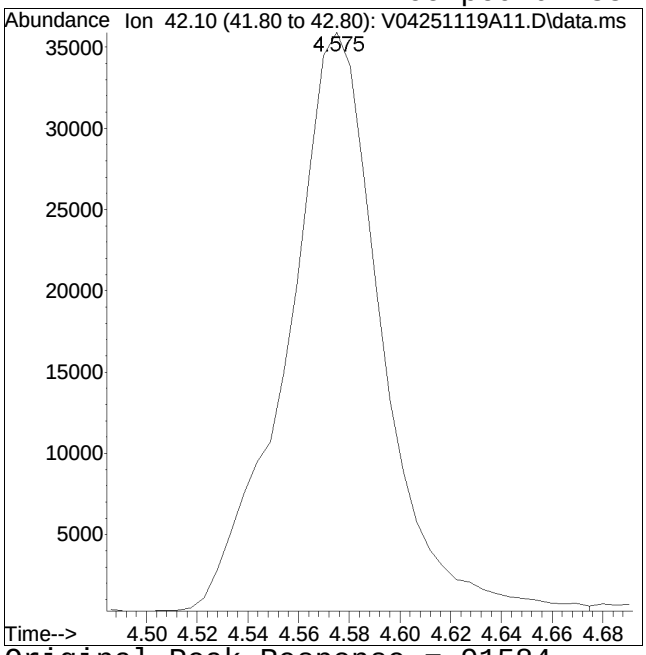
Sub List : 8260-CurveSoil - Megamix plus Diox51119A10.D•

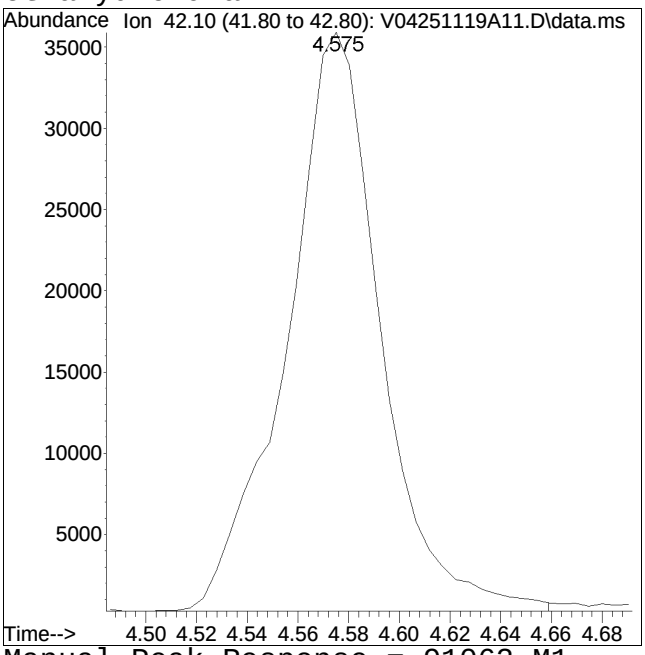


Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A11.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 10:29 pm Instrument : VOA104
Sample : I8260STD100PPB Quant Date : 11/20/2025 7:25 am

Compound #35: Tetrahydrofuran



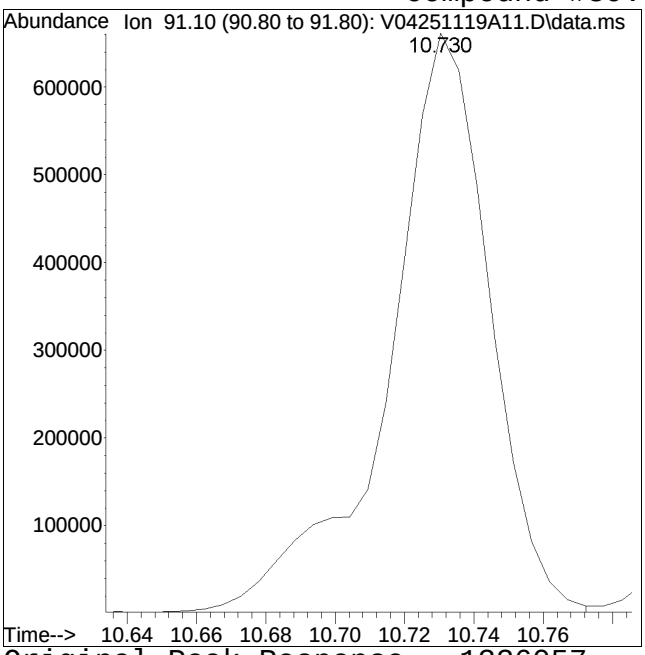


Original Peak Response = 91584 Manual Peak Response = 91062 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

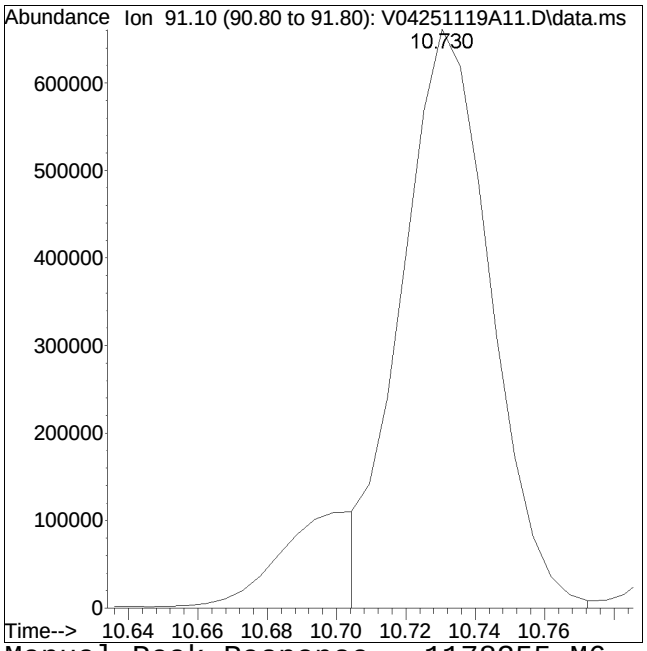
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A11.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 10:29 pm Instrument : VOA104
Sample : I8260STD100PPB Quant Date : 11/20/2025 7:25 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 1336057



Manual Peak Response = 1178355 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A12.D
Acq On : 19 Nov 2025 10:55 pm
Operator : VOA104:JIC
Sample : I8260STD200PPB
Misc : WG2144251,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 20 07:49:58 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.383	96	284230	20.000	ug/L	0.00
Standard Area 1 = 299397			Recovery = 94.93%			
59) Chlorobenzene-d5	8.832	117	229784	20.000	ug/L	0.00
Standard Area 1 = 232239			Recovery = 98.94%			
79) 1,4-Dichlorobenzene-d4	11.669	152	119480	20.000	ug/L	0.00
Standard Area 1 = 124245			Recovery = 96.16%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.612	113	77905	19.085	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.43%			
43) 1,2-Dichloroethane-d4	5.110	65	70161	19.683	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.41%			
60) Toluene-d8	7.024	98	286439	19.248	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.24%			
83) 4-Bromofluorobenzene	10.395	95	105756	20.448	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.408	85	1120491	222.456	ug/L	99
3) Chloromethane	1.576	50	1077173	206.915	ug/L	100
4) Vinyl chloride	1.629	62	1125701	212.111	ug/L	99
5) Bromomethane	1.885	94	683632	229.277	ug/L	96
6) Chloroethane	1.975	64	515162	158.474	ug/L	95
7) Trichlorofluoromethane	2.100	101	1337797	209.241	ug/L	99
8) Ethyl ether	2.352	74	408273	209.772	ug/L	92
10) 1,1-Dichloroethene	2.525	96	736584	206.880	ug/L	94
11) Carbon disulfide	2.551	76	2535032	199.196	ug/L	100
12) Freon-113	2.557	101	766502	205.789	ug/L	79
14) Acrolein	2.813	56	73837	209.840	ug/L	99
15) Methylene chloride	3.028	84	825043	199.964	ug/L	97
17) Acetone	3.060	43	285567	204.915	ug/L	98
18) trans-1,2-Dichloroethene	3.160	96	801128	203.383	ug/L	95
19) Methyl acetate	3.170	43	326803	217.513	ug/L #	92
20) Methyl tert-butyl ether	3.243	73	1995424	197.526	ug/L	96
21) tert-Butyl alcohol	3.338	59	316900	940.509	ug/L	93
22) Diisopropyl ether	3.574	45	2537008	199.538	ug/L	98
23) 1,1-Dichloroethane	3.700	63	1489754	197.179	ug/L	98
24) Halothane	3.757	117	631690	199.653	ug/L	100
25) Acrylonitrile	3.752	53	165947	209.482	ug/L	94

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A12.D
Acq On : 19 Nov 2025 10:55 pm
Operator : VOA104:JIC
Sample : I8260STD200PPB
Misc : WG2144251,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 20 07:49:58 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	3.899	59	2375062	197.809	ug/L		98
27) Vinyl acetate	3.920	43	1460740	193.043	ug/L		99
28) cis-1,2-Dichloroethene	4.187	96	868121	197.342	ug/L		96
29) 2,2-Dichloropropane	4.276	77	1207865	197.196	ug/L		99
30) Bromochloromethane	4.371	128	396073	191.356	ug/L		91
31) Cyclohexane	4.355	56	1233156	202.295	ug/L		93
32) Chloroform	4.444	83	1395854	191.218	ug/L		99
33) Ethyl acetate	4.544	43	518162	208.168	ug/L		98
34) Carbon tetrachloride	4.554	117	1172259	200.876	ug/L		99
35) Tetrahydrofuran	4.575	42	181174	215.318	ug/L		99
37) 1,1,1-Trichloroethane	4.617	97	1196683	197.996	ug/L		99
39) 2-Butanone	4.717	43	222498	210.368	ug/L	#	80
40) 1,1-Dichloropropene	4.738	75	1005174	205.304	ug/L		100
41) Benzene	4.968	78	2924030	201.515	ug/L		98
42) tert-Amyl methyl ether	5.073	73	1983938	202.014	ug/L		94
44) 1,2-Dichloroethane	5.173	62	987405	199.742	ug/L		98
47) Methyl cyclohexane	5.524	83	1306021	216.727	ug/L		91
48) Trichloroethene	5.550	95	821790	206.733	ug/L		98
50) Dibromomethane	5.975	93	488244	208.393	ug/L		99
51) 1,2-Dichloropropane	6.075	63	831993	204.941	ug/L		98
53) 2-Chloroethyl vinyl ether	6.767	63	455099	210.478	ug/L		98
54) Bromodichloromethane	6.159	83	1148766	202.908	ug/L		99
57) 1,4-Dioxane	6.363	88	240868	9557.971	ug/L		96
58) cis-1,3-Dichloropropene	6.824	75	1335257	207.558	ug/L		96
61) Toluene	7.076	92	1896706	198.483	ug/L		99
62) 4-Methyl-2-pentanone	7.516	58	216684	196.403	ug/L		96
63) Tetrachloroethene	7.511	166	951150	208.522	ug/L		99
65) trans-1,3-Dichloropropene	7.569	75	1097113	195.987	ug/L		98
67) Ethyl methacrylate	7.758	69	783096	195.996	ug/L		99
68) 1,1,2-Trichloroethane	7.747	83	532909	195.660	ug/L		99
69) Chlorodibromomethane	7.952	129	925458	199.044	ug/L		99
70) 1,3-Dichloropropane	8.062	76	1014521	195.591	ug/L		99
71) 1,2-Dibromoethane	8.209	107	668602	197.308	ug/L		100
72) 2-Hexanone	8.513	43	387078	209.651	ug/L		99
73) Chlorobenzene	8.853	112	2312738	203.365	ug/L		99
74) Ethylbenzene	8.895	91	3510821	192.659	ug/L		99
75) 1,1,1,2-Tetrachloroethane	8.943	131	844009	191.827	ug/L		99
76) p/m Xylene	9.084	106	2735946	394.372	ug/L		99
77) o Xylene	9.624	106	2805759	397.036	ug/L		99
78) Styrene	9.698	104	4440291	388.995	ug/L		98

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A12.D
Acq On : 19 Nov 2025 10:55 pm
Operator : VOA104:JIC
Sample : I8260STD200PPB
Misc : WG2144251,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 20 07:49:58 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	9.724	173	558693	196.277	ug/L		99
82) Isopropylbenzene	10.033	105	3630793	209.097	ug/L		98
84) Bromobenzene	10.500	156	1027494	211.229	ug/L		99
85) n-Propylbenzene	10.557	91	4155626	206.441	ug/L		99
86) 1,4-Dichlorobutane	10.584	55	1002759	195.593	ug/L		97
87) 1,1,2,2-Tetrachloroethane	10.678	83	761604	200.852	ug/L		99
88) 4-Ethyltoluene	10.699	105	3434552	206.399	ug/L		98
89) 2-Chlorotoluene	10.730	91	2379514M6	199.908	ug/L		
90) 1,3,5-Trimethylbenzene	10.809	105	2938096	203.847	ug/L		98
91) 1,2,3-Trichloropropane	10.809	75	540282	200.501	ug/L		98
92) trans-1,4-Dichloro-2-b...	10.877	53	198914	196.927	ug/L	#	72
93) 4-Chlorotoluene	10.930	91	2481897	207.693	ug/L		96
94) tert-Butylbenzene	11.160	119	2635517	210.711	ug/L		99
97) 1,2,4-Trimethylbenzene	11.244	105	2951817	205.820	ug/L		98
98) sec-Butylbenzene	11.360	105	3853604	206.969	ug/L		100
99) p-Isopropyltoluene	11.527	119	3360394	210.360	ug/L		99
100) 1,3-Dichlorobenzene	11.585	146	1776363	206.550	ug/L		99
101) 1,4-Dichlorobenzene	11.685	146	1787601	208.388	ug/L		99
102) p-Diethylbenzene	11.915	119	2027775	215.478	ug/L		99
103) n-Butylbenzene	11.973	91	2918735	204.712	ug/L		99
104) 1,2-Dichlorobenzene	12.120	146	1688723	206.988	ug/L		98
105) 1,2,4,5-Tetramethylben...	12.733	119	3211355	217.106	ug/L		100
106) 1,2-Dibromo-3-chloropr...	12.922	155	139070	210.504	ug/L		100
107) 1,3,5-Trichlorobenzene	12.954	180	1387011	210.200	ug/L		99
108) Hexachlorobutadiene	13.536	225	717429	207.316	ug/L		99
109) 1,2,4-Trichlorobenzene	13.562	180	1111194	201.016	ug/L		99
110) Naphthalene	13.850	128	2048742	214.634	ug/L		100
111) 1,2,3-Trichlorobenzene	14.023	180	939160	203.675	ug/L		98

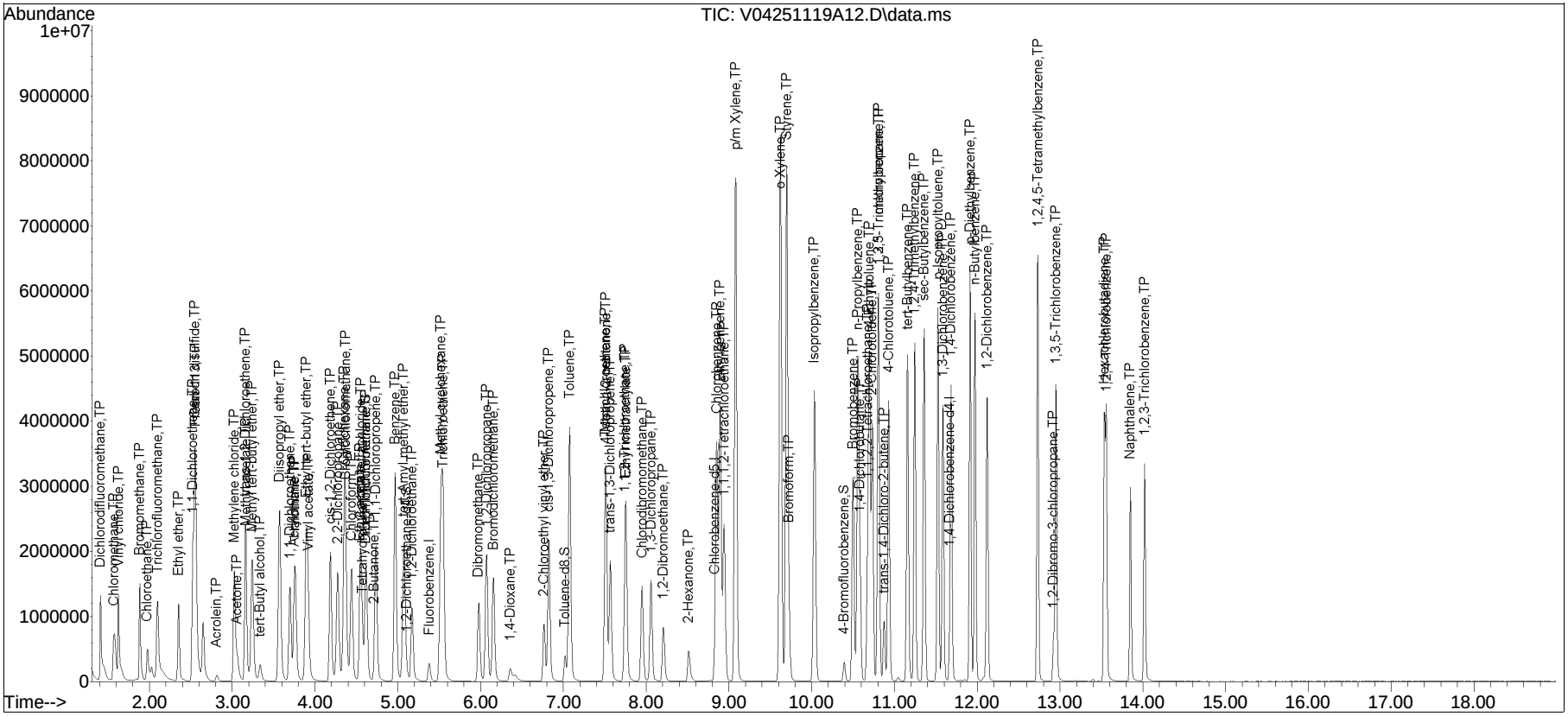
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A12.D
Acq On : 19 Nov 2025 10:55 pm
Operator : VOA104:JIC
Sample : I8260STD200PPB
Misc : WG2144251,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 20 07:49:58 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

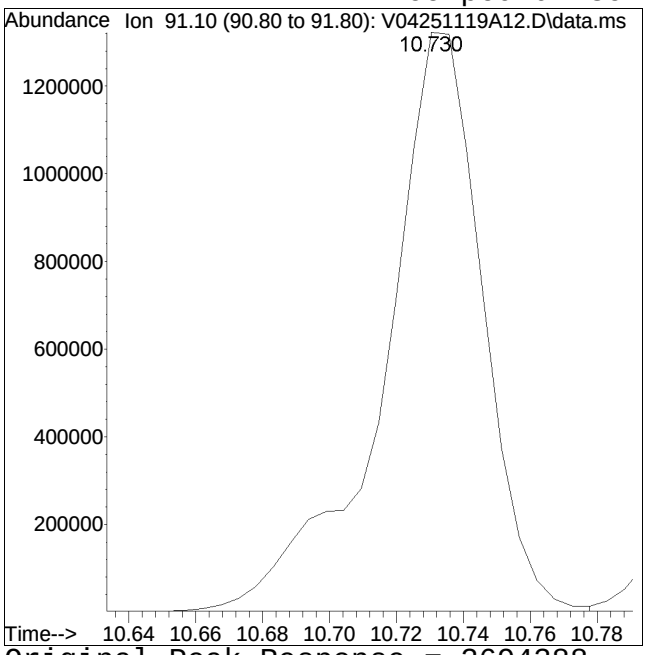
Sub List : 8260-CurveSoil - Megamix plus Diox51119A10.D•



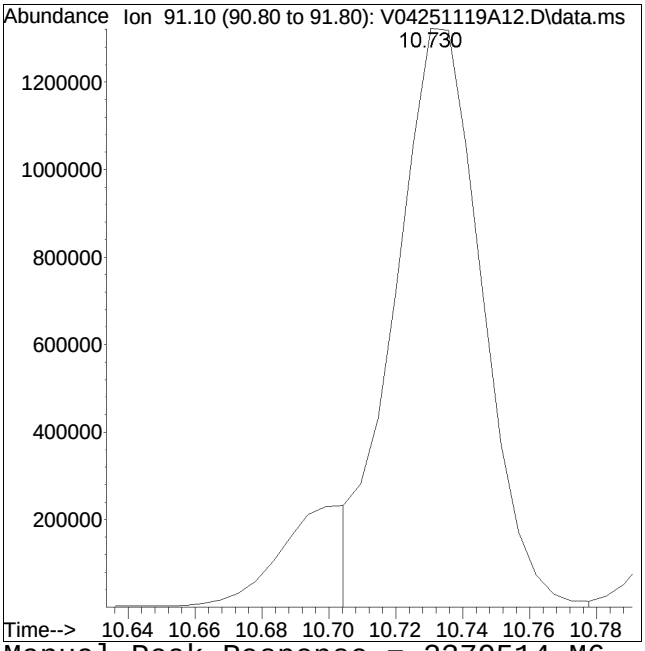
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A12.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 10:55 pm Instrument : VOA104
Sample : I8260STD200PPB Quant Date : 11/20/2025 7:25 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 2694388



Manual Peak Response = 2379514 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A13.D
Acq On : 19 Nov 2025 11:21 pm
Operator : VOA104:JIC
Sample : I8260STD300PPB
Misc : WG2144251,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 20 07:53:35 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.377	96	281487	20.000	ug/L	0.00
Standard Area 1 = 299397			Recovery = 94.02%			
59) Chlorobenzene-d5	8.833	117	229031	20.000	ug/L	0.00
Standard Area 1 = 232239			Recovery = 98.62%			
79) 1,4-Dichlorobenzene-d4	11.669	152	118520	20.000	ug/L	0.00
Standard Area 1 = 124245			Recovery = 95.39%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.612	113	76351	18.887	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 94.44%			
43) 1,2-Dichloroethane-d4	5.110	65	69227	19.610	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.05%			
60) Toluene-d8	7.024	98	282742	19.062	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.31%			
83) 4-Bromofluorobenzene	10.395	95	104961	20.459	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.408	85	1689333	338.658	ug/L	99
3) Chloromethane	1.571	50	1574215	305.338	ug/L	100
4) Vinyl chloride	1.623	62	1632958	310.690	ug/L	99
5) Bromomethane	1.880	94	1027781	348.056	ug/L	97
6) Chloroethane	1.969	64	539310	167.519	ug/L	95
7) Trichlorofluoromethane	2.095	101	2002544M1	316.264	ug/L	
8) Ethyl ether	2.352	74	601837	312.239	ug/L	91
10) 1,1-Dichloroethene	2.525	96	1081604	306.745	ug/L	93
11) Carbon disulfide	2.551	76	3663842	290.700	ug/L	100
12) Freon-113	2.557	101	1118397	303.191	ug/L	80
14) Acrolein	2.814	56	113281	325.074	ug/L	98
15) Methylene chloride	3.023	84	1199663	293.593	ug/L	96
17) Acetone	3.060	43	388071	281.183	ug/L	98
18) trans-1,2-Dichloroethene	3.160	96	1162061	297.888	ug/L	95
19) Methyl acetate	3.165	43	487556	327.669	ug/L #	93
20) Methyl tert-butyl ether	3.243	73	2919551	291.822	ug/L	96
21) tert-Butyl alcohol	3.338	59	484104	1450.745	ug/L	92
22) Diisopropyl ether	3.574	45	3652583	290.078	ug/L	97
23) 1,1-Dichloroethane	3.700	63	2145323	286.715	ug/L	98
24) Halothane	3.757	117	922753	294.489	ug/L	100
25) Acrylonitrile	3.747	53	248417	316.643	ug/L	95

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A13.D
Acq On : 19 Nov 2025 11:21 pm
Operator : VOA104:JIC
Sample : I8260STD300PPB
Misc : WG2144251,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 20 07:53:35 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	3.899	59	3443769	289.613	ug/L		96
27) Vinyl acetate	3.920	43	2206050	294.380	ug/L		98
28) cis-1,2-Dichloroethene	4.187	96	1269077	291.300	ug/L		95
29) 2,2-Dichloropropane	4.271	77	1753300	289.033	ug/L		99
30) Bromochloromethane	4.371	128	571020	278.567	ug/L		90
31) Cyclohexane	4.355	56	1816124	300.833	ug/L		92
32) Chloroform	4.439	83	2019695	279.374	ug/L		99
33) Ethyl acetate	4.544	43	780964	316.805	ug/L		97
34) Carbon tetrachloride	4.554	117	1735027	300.207	ug/L		100
35) Tetrahydrofuran	4.575	42	270214	324.268	ug/L		98
37) 1,1,1-Trichloroethane	4.617	97	1745996	291.697	ug/L		99
39) 2-Butanone	4.717	43	333268	318.169	ug/L	#	83
40) 1,1-Dichloropropene	4.738	75	1474122	304.019	ug/L		100
41) Benzene	4.968	78	4241188	295.138	ug/L		98
42) tert-Amyl methyl ether	5.073	73	2907465	298.938	ug/L		94
44) 1,2-Dichloroethane	5.173	62	1446609	295.485	ug/L		98
47) Methyl cyclohexane	5.524	83	1950798	326.879	ug/L		91
48) Trichloroethene	5.550	95	1193947	303.281	ug/L		98
50) Dibromomethane	5.975	93	730291	314.741	ug/L		99
51) 1,2-Dichloropropane	6.075	63	1211216	301.261	ug/L		98
53) 2-Chloroethyl vinyl ether	6.767	63	683091	319.000	ug/L		98
54) Bromodichloromethane	6.153	83	1670751	297.982	ug/L		99
57) 1,4-Dioxane	6.363	88	360564	14447.096	ug/L		96
58) cis-1,3-Dichloropropene	6.824	75	1952404	306.448	ug/L		97
61) Toluene	7.076	92	2749393	288.660	ug/L		99
62) 4-Methyl-2-pentanone	7.517	58	325567	296.065	ug/L		97
63) Tetrachloroethene	7.511	166	1396648	307.196	ug/L		99
65) trans-1,3-Dichloropropene	7.569	75	1599735	286.714	ug/L		98
67) Ethyl methacrylate	7.758	69	1155803	290.230	ug/L		98
68) 1,1,2-Trichloroethane	7.747	83	789256	290.731	ug/L		99
69) Chlorodibromomethane	7.952	129	1369324	295.477	ug/L		99
70) 1,3-Dichloropropane	8.062	76	1498564	289.860	ug/L		99
71) 1,2-Dibromoethane	8.209	107	996217	294.955	ug/L		99
72) 2-Hexanone	8.513	43	588459	319.771	ug/L		99
73) Chlorobenzene	8.854	112	3365335	296.896	ug/L		99
74) Ethylbenzene	8.895	91	5058362	278.494	ug/L		98
75) 1,1,1,2-Tetrachloroethane	8.943	131	1224563	279.235	ug/L		99
76) p/m Xylene	9.084	106	3971098	574.295	ug/L		98
77) o Xylene	9.624	106	4089972	580.665	ug/L		97
78) Styrene	9.703	104	6405550	563.008	ug/L		98

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A13.D
Acq On : 19 Nov 2025 11:21 pm
Operator : VOA104:JIC
Sample : I8260STD300PPB
Misc : WG2144251,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 20 07:53:35 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	9.724	173	837178	296.495	ug/L		99
82) Isopropylbenzene	10.033	105	5309700	308.262	ug/L		98
84) Bromobenzene	10.500	156	1522896	315.608	ug/L		99
85) n-Propylbenzene	10.563	91	6002602	300.609	ug/L		98
86) 1,4-Dichlorobutane	10.584	55	1463632	287.801	ug/L		97
87) 1,1,2,2-Tetrachloroethane	10.678	83	1157672	307.776	ug/L		99
88) 4-Ethyltoluene	10.699	105	4975261	301.409	ug/L		98
89) 2-Chlorotoluene	10.736	91	3488176M6	295.423	ug/L		
90) 1,3,5-Trimethylbenzene	10.809	105	4278548	299.253	ug/L		97
91) 1,2,3-Trichloropropane	10.809	75	811198	303.478	ug/L		98
92) trans-1,4-Dichloro-2-b...	10.877	53	306046	305.443	ug/L	#	74
93) 4-Chlorotoluene	10.930	91	3626302	305.919	ug/L		96
94) tert-Butylbenzene	11.160	119	3862347	311.297	ug/L		100
97) 1,2,4-Trimethylbenzene	11.244	105	4278019	300.708	ug/L		98
98) sec-Butylbenzene	11.360	105	5597275	303.052	ug/L		99
99) p-Isopropyltoluene	11.527	119	4850796	306.118	ug/L		98
100) 1,3-Dichlorobenzene	11.590	146	2575181	301.860	ug/L		99
101) 1,4-Dichlorobenzene	11.685	146	2613123	307.090	ug/L		99
102) p-Diethylbenzene	11.915	119	2949625	315.975	ug/L		99
103) n-Butylbenzene	11.978	91	4215822	298.081	ug/L		98
104) 1,2-Dichlorobenzene	12.120	146	2473127	305.588	ug/L		98
105) 1,2,4,5-Tetramethylben...	12.733	119	4648035	316.779	ug/L		99
106) 1,2-Dibromo-3-chloropr...	12.927	155	211712	323.055	ug/L		100
107) 1,3,5-Trichlorobenzene	12.954	180	1977037	302.044	ug/L		99
108) Hexachlorobutadiene	13.541	225	1030276	300.131	ug/L		99
109) 1,2,4-Trichlorobenzene	13.562	180	1583709	288.815	ug/L		100
110) Naphthalene	13.850	128	3038796	320.935	ug/L		100
111) 1,2,3-Trichlorobenzene	14.023	180	1345356	294.129	ug/L		98

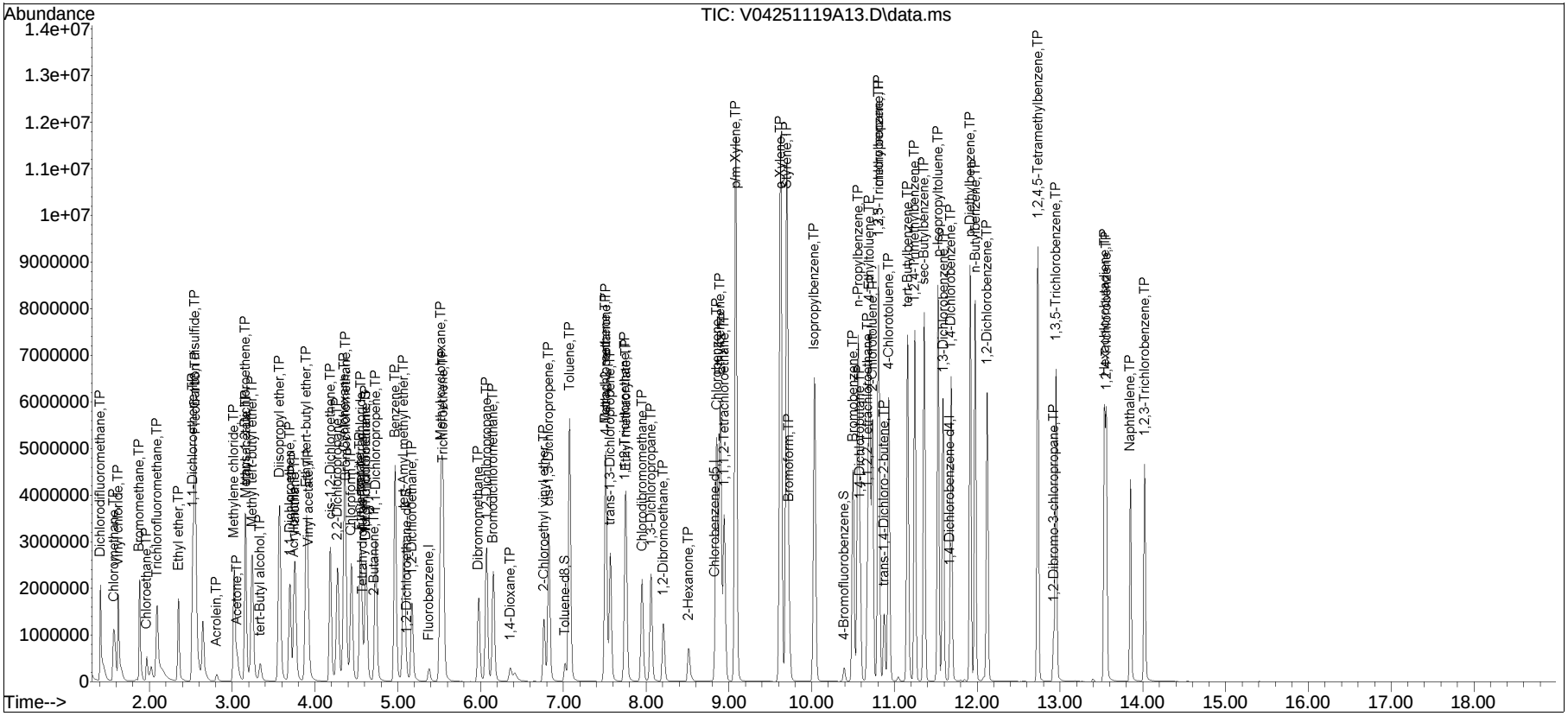
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A13.D
Acq On : 19 Nov 2025 11:21 pm
Operator : VOA104:JIC
Sample : I8260STD300PPB
Misc : WG2144251,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 20 07:53:35 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:23:59 2025
Response via : Initial Calibration

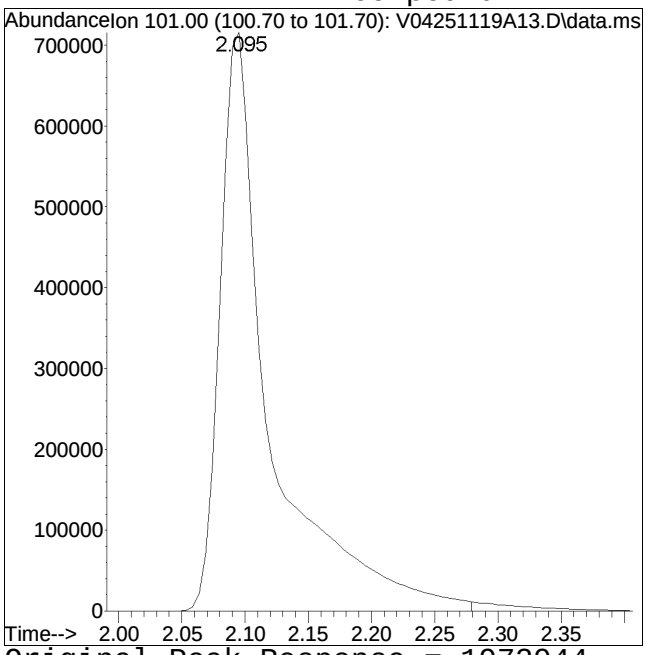
Sub List : 8260-CurveSoil - Megamix plus Diox51119A10.D•

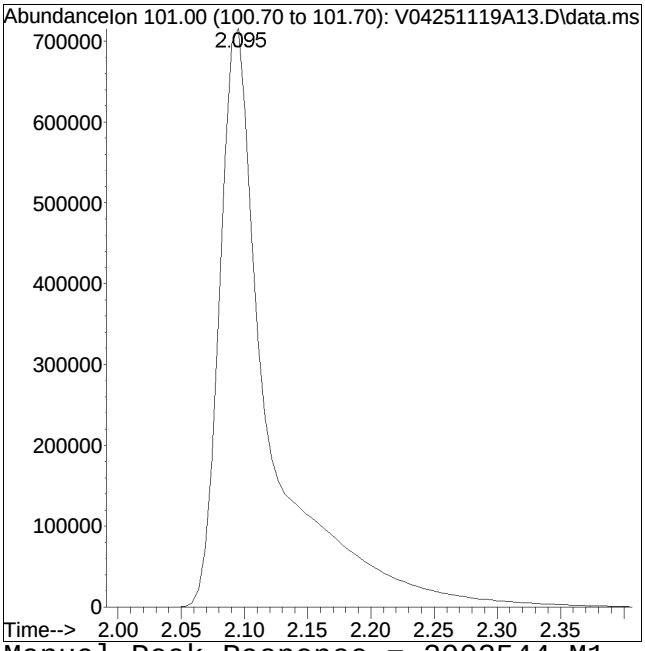


Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A13.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 11:21 pm Instrument : VOA104
Sample : I8260STD300PPB Quant Date : 11/20/2025 7:25 am

Compound #7: Trichlorofluoromethane



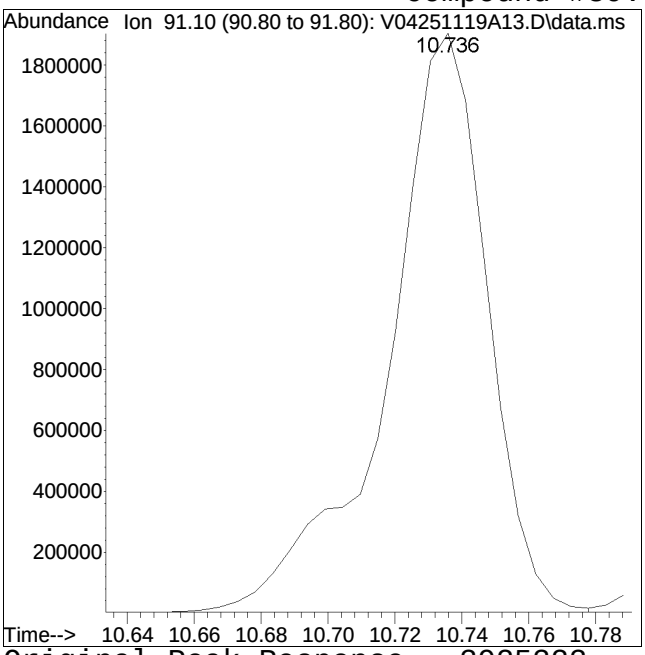


Original Peak Response = 1972944 Manual Peak Response = 2002544 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

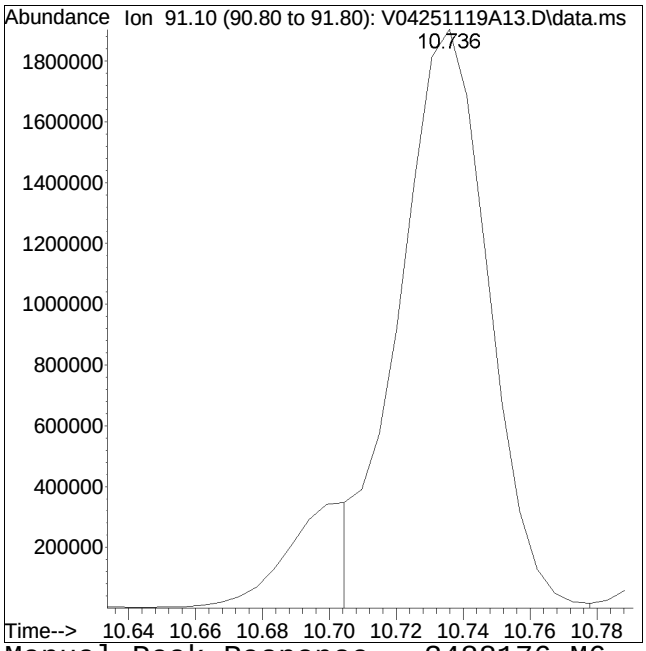
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A13.D Operator : VOA104:JIC
Date Inj'd : 11/19/2025 11:21 pm Instrument : VOA104
Sample : I8260STD300PPB Quant Date : 11/20/2025 7:25 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 3925323



Manual Peak Response = 3488176 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A17.D
Acq On : 20 Nov 2025 1:06 am
Operator : VOA104:JIC
Sample : C8260STD40PPB
Misc : WG2144251,ICAL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 20 08:00:47 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene		1.000	1.000	0.0	96	0.00
2	TP	Dichlorodifluoromethane		0.365	0.313	14.2	85	0.00
3	TP	Chloromethane		0.375	0.354	5.6	93	0.00
4	TP	Vinyl chloride		0.368	0.371	-0.8	96	0.00
5	TP	Bromomethane		0.206	0.240	-16.5	110	0.00
6	TP	Chloroethane		0.213	0.220	-3.3	93	0.00
7	TP	Trichlorofluoromethane		0.435	0.491	-12.9	105	0.00
8	TP	Ethyl ether		0.136	0.131	3.7	92	0.00
10	TP	1,1-Dichloroethene		0.250	0.248	0.8	96	0.00
11	TP	Carbon disulfide		0.916	0.888	3.1	96	0.00
12	TP	Freon-113		0.247	0.296	-19.8	109	0.00
14	TP	Acrolein		0.026	0.030	-15.4	116	0.00
15	TP	Methylene chloride		0.314	0.287	8.6	95	0.00
17	TP	Acetone	*	40.000	21.406	46.5#	54	0.00
18	TP	trans-1,2-Dichloroethene		0.280	0.280	0.0	97	0.00
19	TP	Methyl acetate		0.105	0.109	-3.8	99	0.00
20	TP	Methyl tert-butyl ether		0.693	0.662	4.5	90	0.00
21	TP	tert-Butyl alcohol		0.023	0.025	-8.7	100	0.00
22	TP	Diisopropyl ether		0.871	0.857	1.6	92	0.00
23	TP	1,1-Dichloroethane		0.524	0.533	-1.7	97	0.00
24	TP	Halothane		0.217	0.238	-9.7	103	0.00
25	TP	Acrylonitrile		0.055	0.056	-1.8	97	0.00
26	TP	Ethyl tert-butyl ether		0.813	0.830	-2.1	95	0.00
27	TP	Vinyl acetate		0.503	0.481	4.4	87	0.00
28	TP	cis-1,2-Dichloroethene		0.316	0.297	6.0	92	0.00
29	TP	2,2-Dichloropropane		0.431	0.433	-0.5	97	0.00
30	TP	Bromochloromethane		0.147	0.141	4.1	93	0.00
31	TP	Cyclohexane		0.426	0.447	-4.9	101	0.00
32	TP	Chloroform	*	40.000	40.975	-2.4	95	0.00
33	TP	Ethyl acetate		0.172	0.179	-4.1	98	0.00
34	TP	Carbon tetrachloride		0.402	0.422	-5.0	99	0.00
35	TP	Tetrahydrofuran		0.063	0.065	-3.2	97	0.00
36	S	Dibromofluoromethane		0.287	0.292	-1.7	98	0.00
37	TP	1,1,1-Trichloroethane		0.418	0.442	-5.7	100	0.00
39	TP	2-Butanone	*	40.000	38.122	4.7	91	0.00
40	TP	1,1-Dichloropropene		0.330	0.363	-10.0	102	0.00
41	TP	Benzene		0.982	1.015	-3.4	96	0.00
42	TP	tert-Amyl methyl ether		0.683	0.668	2.2	93	0.00
43	S	1,2-Dichloroethane-d4		0.255	0.248	2.7	95	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A17.D
Acq On : 20 Nov 2025 1:06 am
Operator : VOA104:JIC
Sample : C8260STD40PPB
Misc : WG2144251,ICAL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 20 08:00:47 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.348	0.346	0.6	96	0.00
47	TP	Methyl cyclohexane	0.411	0.439	-6.8	100	0.00
48	TP	Trichloroethene	0.261	0.287	-10.0	99	0.00
50	TP	Dibromomethane	0.170	0.163	4.1	95	0.00
51	TP	1,2-Dichloropropane	0.285	0.282	1.1	95	0.00
53	TP	2-Chloroethyl vinyl ether	0.146	0.148	-1.4	94	0.00
54	TP	Bromodichloromethane	0.388	0.385	0.8	93	0.00
57	TP	1,4-Dioxane	*2000.000	2468.283	-23.4#	113	0.00
58	TP	cis-1,3-Dichloropropene	0.419	0.445	-6.2	95	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
60	S	Toluene-d8	1.286	1.286	0.0	97	0.00
61	TP	Toluene	0.854	0.822	3.7	96	0.00
62	TP	4-Methyl-2-pentanone	0.094	0.100	-6.4	102	0.00
63	TP	Tetrachloroethene	* 40.000	39.676	0.8	98	0.00
65	TP	trans-1,3-Dichloropropene	0.463	0.480	-3.7	96	0.00
67	TP	Ethyl methacrylate	0.348	0.347	0.3	97	0.00
68	TP	1,1,2-Trichloroethane	0.253	0.234	7.5	96	0.00
69	TP	Chlorodibromomethane	0.391	0.412	-5.4	99	0.00
70	TP	1,3-Dichloropropane	0.445	0.447	-0.4	96	0.00
71	TP	1,2-Dibromoethane	0.279	0.289	-3.6	96	0.00
72	TP	2-Hexanone	0.159	0.172	-8.2	104	0.00
73	TP	Chlorobenzene	0.958	0.991	-3.4	97	0.00
74	TP	Ethylbenzene	1.532	1.578	-3.0	97	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.365	0.376	-3.0	95	0.00
76	TP	p/m Xylene	0.582	0.603	-3.6	97	0.00
77	TP	o Xylene	0.590	0.612	-3.7	97	0.00
78	TP	Styrene	0.955	0.992	-3.9	97	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
80	TP	Bromoform	0.472	0.478	-1.3	99	0.00
82	TP	Isopropylbenzene	2.881	2.875	0.2	97	0.00
83	S	4-Bromofluorobenzene	0.862	0.847	1.7	96	0.00
84	TP	Bromobenzene	0.805	0.802	0.4	97	0.00
85	TP	n-Propylbenzene	3.290	3.347	-1.7	98	0.00
86	TP	1,4-Dichlorobutane	0.855	0.850	0.6	97	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.668	0.606	9.3	94	0.00
88	TP	4-Ethyltoluene	2.746	2.841	-3.5	100	0.00
89	TP	2-Chlorotoluene	1.962	1.948	0.7	96	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A17.D
Acq On : 20 Nov 2025 1:06 am
Operator : VOA104:JIC
Sample : C8260STD40PPB
Misc : WG2144251,ICAL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 20 08:00:47 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 TP	1,3,5-Trimethylbenzene	2.371	2.363	0.3	96	0.00
91 TP	1,2,3-Trichloropropane	0.462	0.452	2.2	99	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.181	0.180	0.6	105	0.00
93 TP	4-Chlorotoluene	1.991	1.935	2.8	95	0.00
94 TP	tert-Butylbenzene	2.061	2.088	-1.3	98	0.00
97 TP	1,2,4-Trimethylbenzene	2.389	2.443	-2.3	100	0.00
98 TP	sec-Butylbenzene	3.020	3.089	-2.3	97	0.00
99 TP	p-Isopropyltoluene	2.611	2.627	-0.6	97	0.00
100 TP	1,3-Dichlorobenzene	1.417	1.397	1.4	95	0.00
101 TP	1,4-Dichlorobenzene	1.473	1.395	5.3	96	0.00
102 TP	p-Diethylbenzene	1.564	1.494	4.5	93	0.00
103 TP	n-Butylbenzene	2.329	2.237	4.0	92	0.00
104 TP	1,2-Dichlorobenzene	1.361	1.312	3.6	94	0.00
105 TP	1,2,4,5-Tetramethylbenzene	2.428	2.410	0.7	96	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.109	0.109	0.0	97	0.00
107 TP	1,3,5-Trichlorobenzene	1.086	1.024	5.7	91	0.00
108 TP	Hexachlorobutadiene	0.553	0.550	0.5	93	0.00
109 TP	1,2,4-Trichlorobenzene	0.897	0.859	4.2	91	0.00
110 TP	Naphthalene	1.621	1.563	3.6	96	0.00
111 TP	1,2,3-Trichlorobenzene	0.758	0.734	3.2	94	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A17.D
Acq On : 20 Nov 2025 1:06 am
Operator : VOA104:JIC
Sample : C8260STD40PPB
Misc : WG2144251,ICAL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 20 08:00:47 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.377	96	288579	20.000	ug/L	0.00
Standard Area 1 = 299397			Recovery = 96.39%			
59) Chlorobenzene-d5	8.838	117	226053	20.000	ug/L	0.00
Standard Area 1 = 232239			Recovery = 97.34%			
79) 1,4-Dichlorobenzene-d4	11.669	152	122192	20.000	ug/L	0.00
Standard Area 1 = 124245			Recovery = 98.35%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.612	113	84136	20.327	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.64%			
43) 1,2-Dichloroethane-d4	5.110	65	71692	19.508	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.54%			
60) Toluene-d8	7.024	98	290692	20.006	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.03%			
83) 4-Bromofluorobenzene	10.395	95	103525	19.666	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.33%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.408	85	180784	34.368	ug/L	99
3) Chloromethane	1.576	50	204043	37.692	ug/L	99
4) Vinyl chloride	1.629	62	214067	40.355	ug/L	99
5) Bromomethane	1.886	94	138521	46.492	ug/L	97
6) Chloroethane	1.985	64	127019	41.327	ug/L	95
7) Trichlorofluoromethane	2.100	101	283176	45.101	ug/L	100
8) Ethyl ether	2.352	74	75575	38.493	ug/L	91
10) 1,1-Dichloroethene	2.530	96	143276	39.777	ug/L	95
11) Carbon disulfide	2.551	76	512326	38.767	ug/L	100
12) Freon-113	2.557	101	170945	47.900	ug/L	92
14) Acrolein	2.819	56	17161	45.308	ug/L	94
15) Methylene chloride	3.029	84	165866	36.572	ug/L	96
17) Acetone	3.070	43	31473	21.406	ug/L	99
18) trans-1,2-Dichloroethene	3.165	96	161631	40.055	ug/L	96
19) Methyl acetate	3.175	43	62710	41.513	ug/L #	91
20) Methyl tert-butyl ether	3.243	73	381953	38.174	ug/L	95
21) tert-Butyl alcohol	3.338	59	70881	210.053	ug/L	92
22) Diisopropyl ether	3.574	45	494786	39.370	ug/L	97
23) 1,1-Dichloroethane	3.700	63	307893	40.724	ug/L	98
24) Halothane	3.757	117	137180	43.803	ug/L	100
25) Acrylonitrile	3.757	53	32396	40.850	ug/L #	92

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A17.D
Acq On : 20 Nov 2025 1:06 am
Operator : VOA104:JIC
Sample : C8260STD40PPB
Misc : WG2144251,ICAL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 20 08:00:47 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	3.899	59	479239	40.849	ug/L		97
27) Vinyl acetate	3.925	43	277611	38.231	ug/L		100
28) cis-1,2-Dichloroethene	4.192	96	171272	37.564	ug/L		93
29) 2,2-Dichloropropane	4.276	77	249870	40.153	ug/L		99
30) Bromochloromethane	4.371	128	81349	38.299	ug/L		90
31) Cyclohexane	4.355	56	258271	42.017	ug/L		92
32) Chloroform	4.444	83	293659	40.975	ug/L		98
33) Ethyl acetate	4.549	43	103274	41.702	ug/L		98
34) Carbon tetrachloride	4.554	117	243604	42.013	ug/L		99
35) Tetrahydrofuran	4.575	42	37716	41.630	ug/L		98
37) 1,1,1-Trichloroethane	4.617	97	255117	42.334	ug/L		99
39) 2-Butanone	4.722	43	40654	38.122	ug/L	#	68
40) 1,1-Dichloropropene	4.738	75	209431	44.034	ug/L		99
41) Benzene	4.968	78	585815	41.333	ug/L		98
42) tert-Amyl methyl ether	5.079	73	385699	39.159	ug/L		94
44) 1,2-Dichloroethane	5.173	62	199955	39.843	ug/L		100
47) Methyl cyclohexane	5.524	83	253320	42.668	ug/L		91
48) Trichloroethene	5.550	95	165781	43.961	ug/L		98
50) Dibromomethane	5.980	93	94033	38.444	ug/L		99
51) 1,2-Dichloropropane	6.075	63	162474	39.555	ug/L		97
53) 2-Chloroethyl vinyl ether	6.772	63	85368	40.653	ug/L		98
54) Bromodichloromethane	6.159	83	222270	39.673	ug/L		98
57) 1,4-Dioxane	6.363	88	60201M1	2468.283	ug/L		
58) cis-1,3-Dichloropropene	6.830	75	256647	42.448	ug/L		96
61) Toluene	7.076	92	371705	38.529	ug/L		100
62) 4-Methyl-2-pentanone	7.522	58	45355	42.895	ug/L		96
63) Tetrachloroethene	7.511	166	181270	39.676	ug/L		98
65) trans-1,3-Dichloropropene	7.574	75	216902	41.432	ug/L		98
67) Ethyl methacrylate	7.763	69	156981	39.904	ug/L		100
68) 1,1,2-Trichloroethane	7.752	83	105772	36.959	ug/L		98
69) Chlorodibromomethane	7.952	129	186323	42.110	ug/L		99
70) 1,3-Dichloropropane	8.062	76	202140	40.174	ug/L		100
71) 1,2-Dibromoethane	8.214	107	130874	41.540	ug/L		100
72) 2-Hexanone	8.523	43	77951	43.321	ug/L		96
73) Chlorobenzene	8.854	112	448020	41.370	ug/L		99
74) Ethylbenzene	8.895	91	713213	41.183	ug/L		100
75) 1,1,1,2-Tetrachloroethane	8.943	131	169839	41.208	ug/L		100
76) p/m Xylene	9.084	106	545297	82.933	ug/L		99
77) o Xylene	9.624	106	553319	82.965	ug/L		99
78) Styrene	9.698	104	897117	83.123	ug/L		99

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A17.D
Acq On : 20 Nov 2025 1:06 am
Operator : VOA104:JIC
Sample : C8260STD40PPB
Misc : WG2144251,ICAL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 20 08:00:47 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2025\251119ICAL\V04251119A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80)	Bromoform	9.724	173	116923	40.521	ug/L		100
82)	Isopropylbenzene	10.033	105	702610	39.923	ug/L		99
84)	Bromobenzene	10.505	156	195980	39.852	ug/L		99
85)	n-Propylbenzene	10.557	91	817839	40.690	ug/L		100
86)	1,4-Dichlorobutane	10.584	55	207621	39.750	ug/L		94
87)	1,1,2,2-Tetrachloroethane	10.673	83	148022	36.266	ug/L		99
88)	4-Ethyltoluene	10.699	105	694182	41.381	ug/L		100
89)	2-Chlorotoluene	10.731	91	476112M6	39.718	ug/L		
90)	1,3,5-Trimethylbenzene	10.804	105	577492	39.868	ug/L		99
91)	1,2,3-Trichloropropane	10.809	75	110415	39.079	ug/L		98
92)	trans-1,4-Dichloro-2-b...	10.877	53	43921	39.739	ug/L	#	80
93)	4-Chlorotoluene	10.930	91	472830	38.864	ug/L		96
94)	tert-Butylbenzene	11.160	119	510297	40.533	ug/L		99
97)	1,2,4-Trimethylbenzene	11.244	105	597058	40.907	ug/L		100
98)	sec-Butylbenzene	11.360	105	754994	40.925	ug/L		100
99)	p-Isopropyltoluene	11.527	119	642030	40.250	ug/L		100
100)	1,3-Dichlorobenzene	11.585	146	341332	39.434	ug/L		100
101)	1,4-Dichlorobenzene	11.685	146	341029	37.893	ug/L		99
102)	p-Diethylbenzene	11.915	119	365200	38.230	ug/L		99
103)	n-Butylbenzene	11.973	91	546794	38.429	ug/L		100
104)	1,2-Dichlorobenzene	12.120	146	320618	38.563	ug/L		98
105)	1,2,4,5-Tetramethylben...	12.733	119	588851	39.703	ug/L		99
106)	1,2-Dibromo-3-chloropr...	12.922	155	26735	40.105	ug/L		99
107)	1,3,5-Trichlorobenzene	12.954	180	250291	37.714	ug/L		99
108)	Hexachlorobutadiene	13.536	225	134524	39.794	ug/L		99
109)	1,2,4-Trichlorobenzene	13.562	180	209859	38.289	ug/L		99
110)	Naphthalene	13.855	128	381952	38.564	ug/L		100
111)	1,2,3-Trichlorobenzene	14.023	180	179486	38.760	ug/L		99

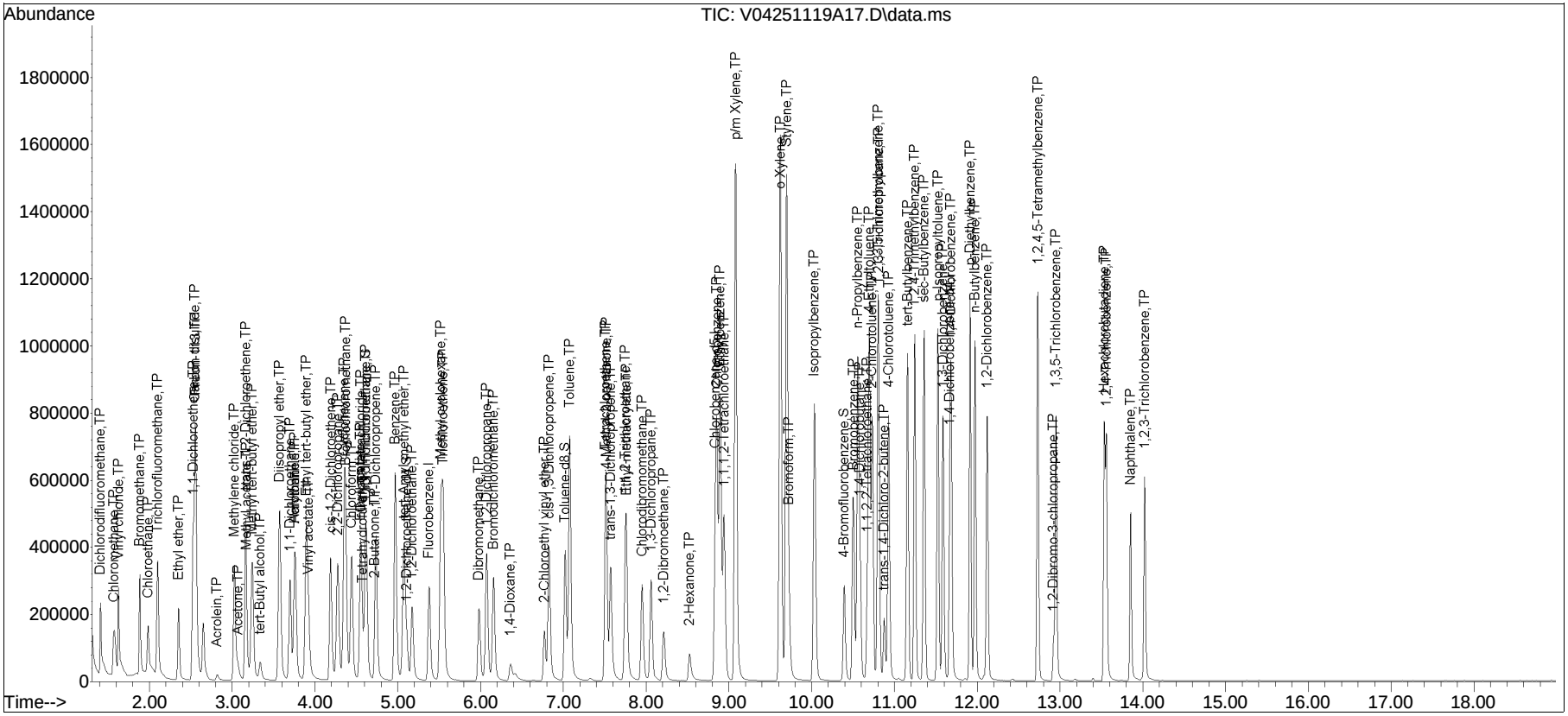
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A17.D
Acq On : 20 Nov 2025 1:06 am
Operator : VOA104:JIC
Sample : C8260STD40PPB
Misc : WG2144251,ICAL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 20 08:00:47 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

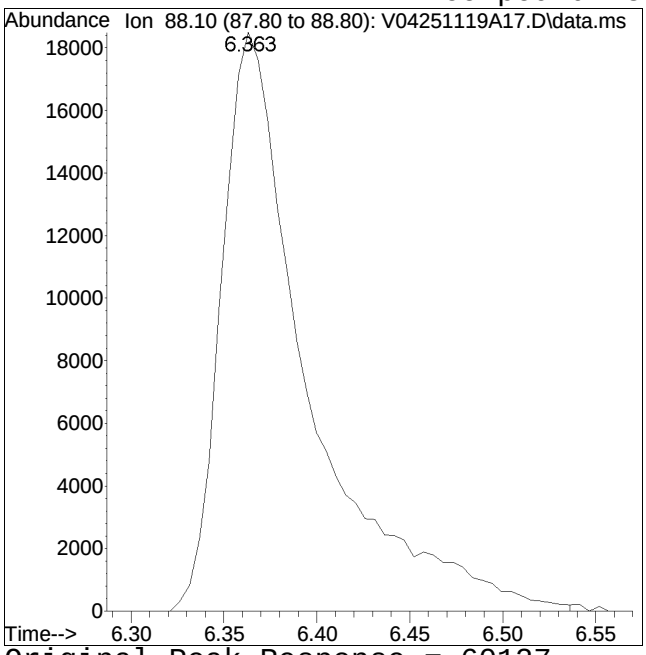
Sub List : 8260-CurveSoil - Megamix plus Diox51119A10.D•

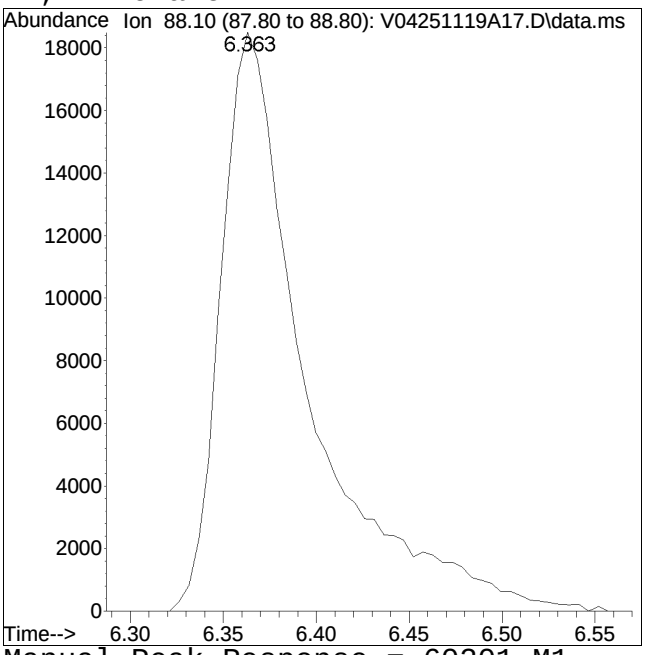


Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A17.D Operator : VOA104:JIC
Date Inj'd : 11/20/2025 1:06 am Instrument : VOA104
Sample : C8260STD40PPB Quant Date : 11/20/2025 8:00 am

Compound #57: 1,4-Dioxane



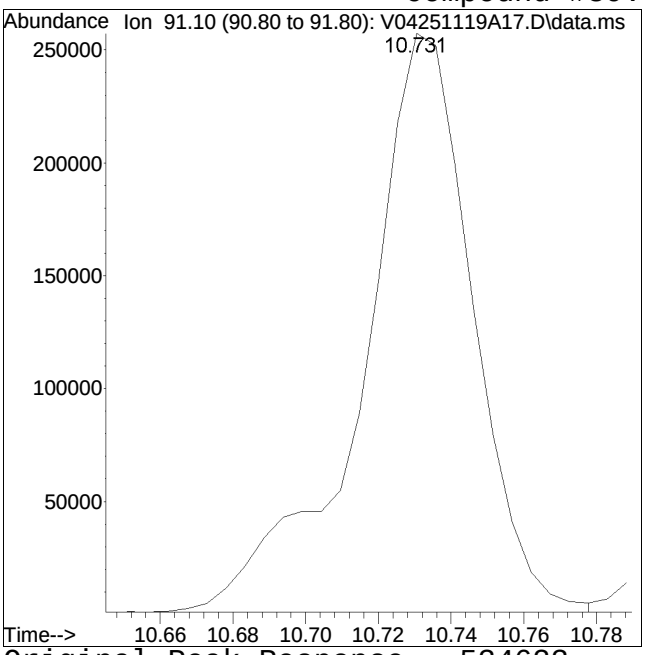


Original Peak Response = 60127 Manual Peak Response = 60201 M1
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

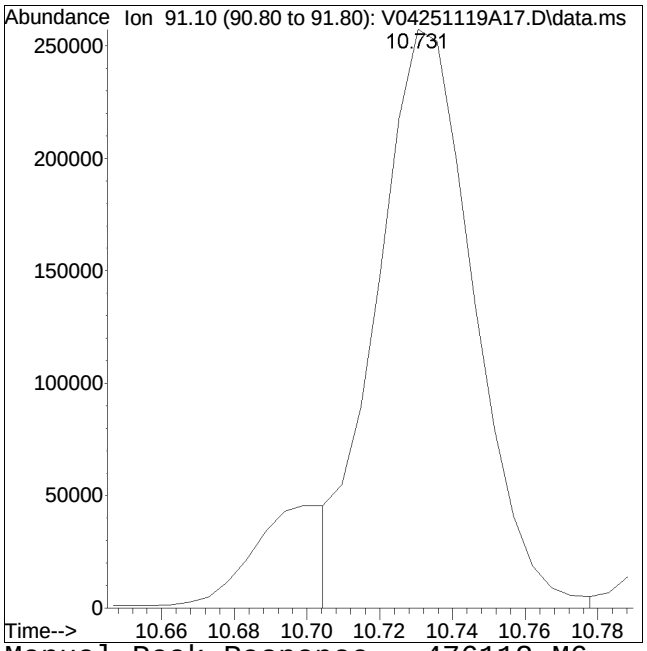
Manual Integration Report

Data Path : K:\VOA104\2025\251119ICAL\QMethod : V104_251119A_8260.m
Data File : V04251119A17.D Operator : VOA104:JIC
Date Inj'd : 11/20/2025 1:06 am Instrument : VOA104
Sample : C8260STD40PPB Quant Date : 11/20/2025 8:00 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 534623



Manual Peak Response = 476112 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Relative Error Report VOA104

Method Path : K:\VOA104\2025\251119ICAL\
Method File : V104_251119A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Nov 20 07:58:49 2025

	COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE
17	TP Acetone	L	ug/L	40.0	40.131	0.3	1.00	1.154	15.4
32	TP Chloroform	L	ug/L	40.0	41.378	3.4	1.00	0.733	-26.7
39	TP 2-Butanone	L	ug/L	40.0	40.152	0.4	4.00	4.393	9.8
57	TP 1,4-Dioxane	L	ug/L	2000.0	2101.138	5.1	40.00	39.469	-1.3
63	TP Tetrachloroethene	L	ug/L	40.0	39.289	-1.8	0.50	0.478	-4.4

Calibration Correlation Report

	COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant
17	TP Acetone	Linear	0.997105	0.000000	0.0929832	0.00954355
32	TP Chloroform	Linear	0.999570	0.000000	0.482459	0.0291577
39	TP 2-Butanone	Linear	0.999251	0.000000	0.0785196	-0.00879088
57	TP 1,4-Dioxane	Linear	0.999527	0.000000	0.00170425	-0.0017173
63	TP Tetrachloroethene	Linear	0.999580	0.000000	0.406788	-0.00509252

Response Factor Report VOA100

Method Path : K:\VOA100\2025\251223A\
Method File : V100_251223A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Dec 24 08:02:43 2025
Response Via : Initial Calibration

Calibration Files
0.5 =V00251223A03.D 1.0 =V00251223A05.D 2.0 =V00251223A07.D 4.0 =V00251223A08.D 20 =V00251223A09.D
40 =V00251223A10.D 100 =V00251223A11.D 200 =V00251223A12.D 300 =V00251223A13.D

		Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
1)	I	Fluorobenzene	ISTD										
2)	TP	Dichlorodifluo...	0.251	0.321	0.309	0.276	0.315	0.299	0.303	0.315	0.299		7.90
3)	TP	Chloromethane	0.311	0.338	0.321	0.290	0.316	0.304	0.296	0.309	0.310		4.81
4)	TP	Vinyl chloride	0.258	0.329	0.314	0.297	0.326	0.309	0.310	0.320	0.308		7.35
5)	TP	Bromomethane	0.134	0.157	0.156	0.149	0.165	0.169	0.170	0.185	0.161		9.60
6)	TP	Chloroethane	0.175	0.216	0.207	0.191	0.207	0.198	0.182	0.167	0.193		8.84
7)	TP	Trichlorofluor...	0.370	0.455	0.427	0.389	0.443	0.423	0.433	0.451	0.424		7.10
8)	TP	Ethyl ether	0.135	0.142	0.146	0.153	0.158	0.157	0.164	0.159	0.152		6.47
10)	TP	1,1-Dichloroet...	0.206	0.252	0.248	0.237	0.269	0.257	0.259	0.268	0.250		8.26
11)	TP	Carbon disulfide		1.402	1.144	0.885	0.950	0.894	0.896	0.918	1.013		19.15
12)	TP	Freon-113	0.214	0.256	0.240	0.229	0.268	0.253	0.261	0.270	0.249		7.88
14)	TP	Acrolein		0.015	0.019	0.023	0.023	0.023	0.024	0.024	0.022		16.14
15)	TP	Methylene chlo...	0.324	0.330	0.328	0.299	0.305	0.297	0.296	0.294	0.309		5.03
17)	TP	Acetone		0.177	0.154	0.135	0.133	0.126	0.130	0.119	0.139		14.42
18)	TP	trans-1,2-Dich...	0.247	0.290	0.291	0.280	0.301	0.292	0.291	0.299	0.286		5.95
19)	TP	Methyl acetate	0.235	0.204	0.153	0.176	0.176	0.176	0.186	0.178	0.186		13.16
20)	TP	Methyl tert-bu...	0.727	0.786	0.759	0.817	0.826	0.822	0.849	0.814	0.800		5.04
21)	TP	tert-Butyl alc...	0.027	0.027	0.026	0.033	0.031	0.031	0.035	0.033	0.030		11.51
22)	TP	Diisopropyl ether	0.779	0.873	0.863	0.903	0.940	0.928	0.939	0.917	0.893		6.06
23)	TP	1,1-Dichloroet...	0.463	0.530	0.531	0.510	0.535	0.514	0.510	0.512	0.513		4.40
24)	TP	Halothane	0.190	0.229	0.225	0.210	0.234	0.225	0.228	0.234	0.222		6.75
25)	TP	Acrylonitrile	0.070	0.070	0.077	0.092	0.090	0.088	0.094	0.089	0.084		11.70
26)	TP	Ethyl tert-but...	0.724	0.800	0.804	0.843	0.877	0.865	0.883	0.855	0.832		6.39
27)	TP	Vinyl acetate	0.654	0.674	0.628	0.717	0.729	0.731	0.758	0.733	0.703		6.47
28)	TP	cis-1,2-Dichlo...	0.276	0.326	0.324	0.316	0.331	0.321	0.320	0.325	0.317		5.42
29)	TP	2,2-Dichloropr...	0.409	0.473	0.444	0.415	0.448	0.432	0.435	0.442	0.437		4.50
31)	TP	Bromochloromet...	0.131	0.159	0.154	0.162	0.162	0.157	0.156	0.152	0.154		6.56
32)	TP	Cyclohexane	0.401	0.489	0.446	0.421	0.489	0.464	0.470	0.483	0.458		7.14
33)	TP	Chloroform	0.526	0.572	0.562	0.540	0.562	0.539	0.538	0.540	0.547		2.93
34)	TP	Ethyl acetate	0.289	0.279	0.244	0.276	0.267	0.268	0.287	0.274	0.273		5.19
35)	TP	Carbon tetrach...	0.378	0.462	0.423	0.395	0.454	0.427	0.445	0.453	0.430		6.97

Response Factor Report VOA100

Method Path : K:\VOA100\2025\251223A\
Method File : V100_251223A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Dec 24 08:02:43 2025
Response Via : Initial Calibration

Calibration Files
0.5 =V00251223A03.D 1.0 =V00251223A05.D 2.0 =V00251223A07.D 4.0 =V00251223A08.D 20 =V00251223A09.D
40 =V00251223A10.D 100 =V00251223A11.D 200 =V00251223A12.D 300 =V00251223A13.D

		Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
36)	TP	Tetrahydrofuran		0.134	0.106	0.094	0.091	0.083	0.083	0.088	0.083	0.096	18.00
37)	S	Dibromofluorom...	0.285	0.281	0.282	0.284	0.273	0.275	0.271	0.277	0.272	0.278	1.92
38)	TP	1,1,1-Trichlor...	0.381	0.385	0.455	0.460	0.431	0.481	0.455	0.457	0.471	0.442	8.16
40)	TP	2-Butanone			0.121	0.122	0.116	0.117	0.116	0.125	0.121	0.120	2.84
41)	TP	1,1-Dichloropr...	0.291	0.318	0.390	0.366	0.362	0.397	0.381	0.383	0.393	0.365	10.03
42)	TP	Benzene	0.914	0.959	1.089	1.082	1.075	1.129	1.092	1.085	1.098	1.058	6.75
43)	TP	tert-Amyl meth...		0.702	0.738	0.730	0.786	0.803	0.794	0.825	0.793	0.771	5.52
44)	S	1,2-Dichloroet...	0.287	0.283	0.280	0.280	0.268	0.264	0.267	0.283	0.273	0.276	3.00
45)	TP	1,2-Dichloroet...		0.359	0.378	0.383	0.383	0.387	0.377	0.383	0.375	0.378	2.31
48)	TP	Methyl cyclohe...		0.413	0.480	0.435	0.443	0.520	0.502	0.511	0.531	0.479	9.22
49)	TP	Trichloroethene	0.238	0.259	0.298	0.295	0.290	0.314	0.305	0.311	0.319	0.292	9.20
51)	TP	Dibromomethane		0.170	0.180	0.183	0.187	0.190	0.186	0.192	0.188	0.184	3.81
52)	TP	1,2-Dichloropr...		0.241	0.286	0.282	0.287	0.298	0.290	0.293	0.292	0.284	6.28
54)	TP	2-Chloroethyl ...		0.119	0.137	0.138	0.161	0.162	0.168	0.178	0.174	0.155	13.39
55)	TP	Bromodichlorom...	0.372	0.376	0.429	0.413	0.420	0.432	0.424	0.431	0.429	0.414	5.65
58)	TP	1,4-Dioxane		0.002	0.002	0.002	0.003	0.003	0.003	0.003	0.002	0.002#	15.29
59)	TP	cis-1,3-Dichlo...	0.411	0.416	0.470	0.478	0.488	0.504	0.497	0.506	0.501	0.474	7.72
60)	I	Chlorobenzene-d5	----------	ISTD	----------								
61)	S	Toluene-d8	1.277	1.280	1.286	1.296	1.295	1.297	1.282	1.266	1.288	1.285	0.79
62)	TP	Toluene		0.773	0.884	0.883	0.887	0.940	0.899	0.895	0.920	0.885	5.57
63)	TP	4-Methyl-2-pen...		0.083	0.098	0.100	0.120	0.123	0.122	0.128	0.125	0.112	14.63
64)	TP	Tetrachloroethene	0.355	0.367	0.441	0.410	0.418	0.471	0.450	0.456	0.476	0.427	10.14
66)	TP	trans-1,3-Dich...		0.475	0.520	0.513	0.556	0.575	0.560	0.564	0.560	0.540	6.33
68)	TP	Ethyl methacry...		0.374	0.399	0.407	0.450	0.459	0.441	0.454	0.440	0.428	7.21
69)	TP	1,1,2-Trichlor...		0.229	0.246	0.242	0.265	0.269	0.259	0.263	0.260	0.254	5.36
70)	TP	Chlorodibromom...	0.358	0.362	0.406	0.398	0.430	0.442	0.431	0.440	0.438	0.412	8.00
71)	TP	1,3-Dichloropr...		0.476	0.521	0.505	0.537	0.544	0.524	0.530	0.522	0.520	4.06
72)	TP	1,2-Dibromoethane	0.286	0.262	0.307	0.304	0.331	0.338	0.329	0.338	0.333	0.314	8.49
73)	TP	2-Hexanone		0.209	0.219	0.211	0.234	0.236	0.230	0.244	0.235	0.227	5.65
74)	TP	Chlorobenzene	0.913	0.903	1.043	1.012	1.035	1.078	1.038	1.031	1.049	1.011	6.04
75)	TP	Ethylbenzene		1.529	1.725	1.642	1.661	1.778	1.698	1.678	1.704	1.677	4.33

Response Factor Report VOA100

Method Path : K:\VOA100\2025\251223A\
Method File : V100_251223A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Dec 24 08:02:43 2025
Response Via : Initial Calibration

Calibration Files
0.5 =V00251223A03.D 1.0 =V00251223A05.D 2.0 =V00251223A07.D 4.0 =V00251223A08.D 20 =V00251223A09.D
40 =V00251223A10.D 100 =V00251223A11.D 200 =V00251223A12.D 300 =V00251223A13.D

		Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
76)	TP	1,1,1,2-Tetrac...	0.336	0.338	0.372	0.377	0.393	0.413	0.401	0.403	0.405	0.382	7.45
77)	TP	p/m Xylene	0.577	0.622	0.676	0.656	0.662	0.709	0.670	0.661	0.670	0.656	5.69
78)	TP	o Xylene	0.586	0.598	0.673	0.650	0.664	0.691	0.661	0.653	0.658	0.648	5.27
79)	TP	Styrene	0.975	0.985	1.127	1.096	1.141	1.179	1.123	1.101	1.091	1.091	6.25
80)	I	1,4-Dichlorobenzene-d4	----------ISTD----------										
81)	TP	Bromoform		0.446	0.475	0.464	0.511	0.522	0.531	0.556	0.545	0.506	7.91
83)	TP	Isopropylbenzene		2.521	2.997	2.765	2.884	3.113	3.066	3.039	3.115	2.938	7.03
84)	S	4-Bromofluorob...	0.796	0.796	0.786	0.785	0.794	0.790	0.800	0.816	0.809	0.797	1.27
85)	TP	Bromobenzene		0.689	0.787	0.791	0.825	0.844	0.847	0.855	0.865	0.813	7.08
86)	TP	n-Propylbenzene		2.980	3.430	3.146	3.328	3.569	3.472	3.395	3.441	3.345	5.74
87)	TP	1,4-Dichlorobu...		0.854	0.895	0.882	0.950	0.942	0.941	0.974	0.946	0.923	4.44
88)	TP	1,1,2,2-Tetrac...	0.656	0.624	0.681	0.653	0.725	0.719	0.716	0.742	0.717	0.693	5.86
89)	TP	4-Ethyltoluene		2.621	2.925	2.744	2.880	3.044	2.983	2.915	2.961	2.884	4.77
90)	TP	2-Chlorotoluene		1.843	2.011	1.978	2.000	2.062	2.029	1.994	2.049	1.996	3.41
91)	TP	1,3,5-Trimethy...		2.287	2.547	2.365	2.498	2.621	2.563	2.492	2.527	2.487	4.40
92)	TP	1,2,3-Trichlor...		0.501	0.584	0.531	0.574	0.568	0.569	0.574	0.556	0.557	4.96
93)	TP	trans-1,4-Dich...		0.198	0.200	0.197	0.228	0.226	0.228	0.225	0.223	0.216	6.71
94)	TP	4-Chlorotoluene		1.892	2.122	2.006	2.095	2.149	2.112	2.085	2.100	2.070	4.02
95)	TP	tert-Butylbenzene		1.930	2.202	2.004	2.114	2.307	2.257	2.205	2.264	2.160	6.18
98)	TP	1,2,4-Trimethy...		2.271	2.482	2.336	2.495	2.589	2.541	2.476	2.499	2.461	4.28
99)	TP	sec-Butylbenzene		2.901	3.282	3.002	3.168	3.438	3.351	3.229	3.306	3.210	5.61
100)	TP	p-Isopropyltol...		2.479	2.781	2.620	2.763	2.976	2.903	2.801	2.848	2.771	5.70
101)	TP	1,3-Dichlorobe...		1.401	1.528	1.475	1.563	1.588	1.575	1.553	1.545	1.529	4.05
102)	TP	1,4-Dichlorobe...		1.448	1.591	1.489	1.591	1.591	1.582	1.560	1.554	1.551	3.48
103)	TP	p-Diethylbenzene		1.495	1.701	1.569	1.669	1.798	1.759	1.691	1.726	1.676	5.94
104)	TP	n-Butylbenzene		2.211	2.552	2.349	2.471	2.645	2.557	2.453	2.491	2.466	5.47
105)	TP	1,2-Dichlorobe...		1.294	1.448	1.379	1.488	1.493	1.490	1.472	1.458	1.440	4.84
106)	TP	1,2,4,5-Tetram...		2.214	2.397	2.249	2.557	2.678	2.675	2.600	2.622	2.499	7.50
107)	TP	1,2-Dibromo-3-...		0.113	0.140	0.130	0.149	0.147	0.149	0.154	0.150	0.141	9.69
108)	TP	1,3,5-Trichlor...		1.124	1.243	1.125	1.267	1.275	1.260	1.219	1.223	1.217	4.96
109)	TP	Hexachlorobuta...		0.578	0.664	0.593	0.620	0.675	0.663	0.632	0.668	0.637	5.80

Method Path : K:\VOA100\2025\251223A\
Method File : V100_251223A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Dec 24 08:02:43 2025
Response Via : Initial Calibration

Calibration Files
0.5 =V00251223A03.D 1.0 =V00251223A05.D 2.0 =V00251223A07.D 4.0 =V00251223A08.D 20 =V00251223A09.D
40 =V00251223A10.D 100 =V00251223A11.D 200 =V00251223A12.D 300 =V00251223A13.D

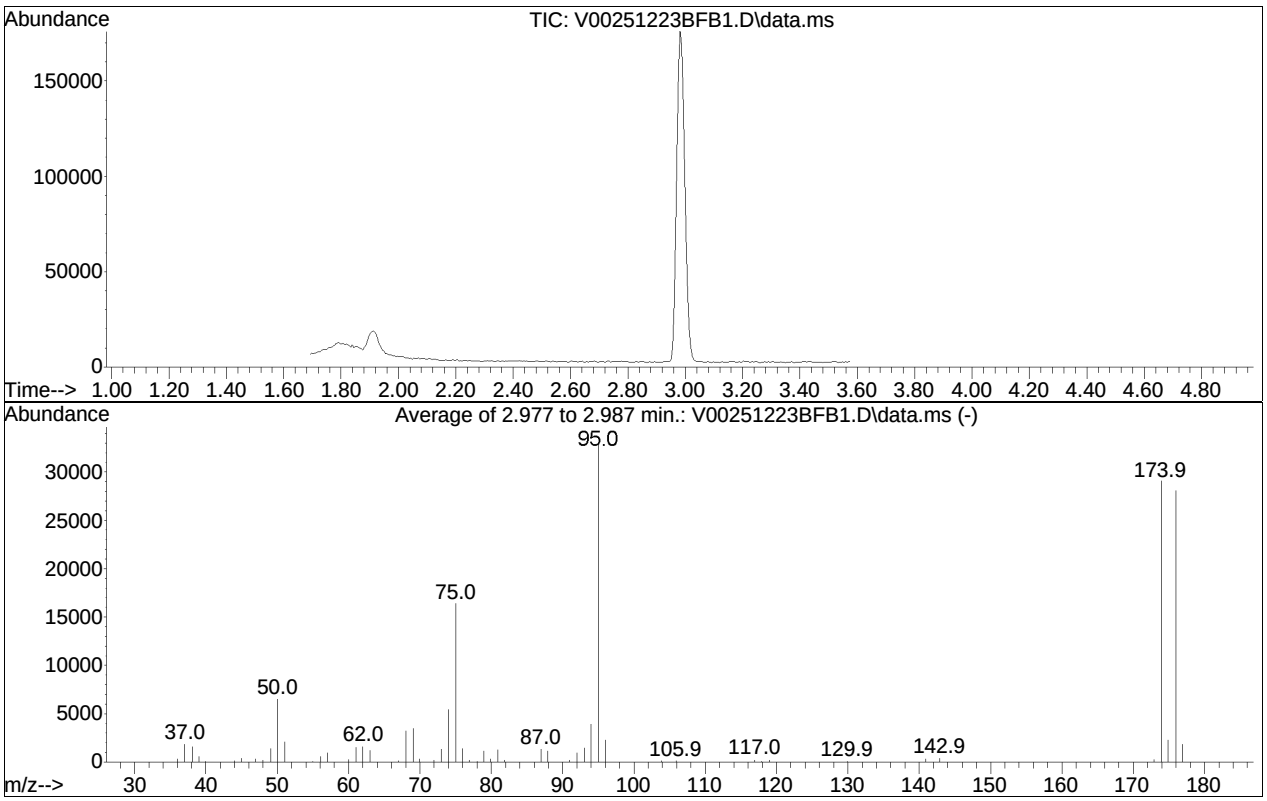
Compound	0.5	1.0	2.0	4.0	20	40	100	200	300	Avg	%RSD
110) TP 1,2,4-Trichlor...	1.036	1.064	1.012	1.117	1.120	1.119	1.104	1.085	1.082		3.81
111) TP Naphthalene	2.092	2.115	1.953	2.267	2.260	2.285	2.321	2.254	2.193		5.78
112) TP 1,2,3-Trichlor...	0.939	1.007	0.930	1.033	1.042	1.040	1.018	1.002	1.001		4.37

(#) = Out of Range

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223BFB1.D
Acq On : 23 Dec 2025 02:49 pm
Operator : VOA100:RAW
Sample : WG2158227-1
Misc : WG2158227,ICAL
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Dec 24 08:02:43 2025



Spectrum Information: Average of 2.977 to 2.987 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.8	6530	PASS
75	95	30	60	49.6	16401	PASS
95	95	100	100	100.0	33043	PASS
96	95	5	9	6.9	2286	PASS
173	174	0.00	2	0.8	235	PASS
174	95	50	100	88.0	29075	PASS
175	174	5	9	7.8	2269	PASS
176	174	95	101	96.6	28096	PASS
177	176	5	9	6.6	1846	PASS

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A03.D
Acq On : 23 Dec 2025 04:03 pm
Operator : VOA100:JIC
Sample : I8260STD0.5PPB
Misc : WG2158227,ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 24 07:43:13 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-L0_OH - Level 0.5ppb for Soils OH

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.227	96	232690	20.000 ug/L	0.00
Standard Area 1 = 219329			Recovery = 106.09%		
60) Chlorobenzene-d5	9.793	117	187877	20.000 ug/L	0.00
Standard Area 1 = 172328			Recovery = 109.02%		
80) 1,4-Dichlorobenzene-d4	12.456	152	115790	20.000 ug/L	0.00
Standard Area 1 = 102487			Recovery = 112.98%		
System Monitoring Compounds					
37) Dibromofluoromethane	5.409	113	66348	20.707 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.54%		
44) 1,2-Dichloroethane-d4	5.934	65	66735	21.756 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 108.78%		
61) Toluene-d8	7.937	98	239969	19.698 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.49%		
84) 4-Bromofluorobenzene	11.261	95	92202	20.161 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.81%		
Target Compounds					Qvalue
38) 1,1,1-Trichloroethane	5.441	97	2215	0.396 ug/L #	92
41) 1,1-Dichloropropene	5.567	75	1693	0.366 ug/L	93
42) Benzene	5.808	78	5316	0.405 ug/L	93
49) Trichloroethene	6.411	95	1387	0.380 ug/L	92
55) Bromodichloromethane	7.024	83	2164	0.431 ug/L #	94
59) cis-1,3-Dichloropropene	7.722	75	2392	0.408 ug/L #	55
64) Tetrachloroethene	8.461	166	1668	0.377 ug/L	83
70) Chlorodibromomethane	8.875	129	1682	0.405 ug/L	92
72) 1,2-Dibromoethane	9.158	107	1345	0.423 ug/L	98
74) Chlorobenzene	9.808	112	4288	0.423 ug/L #	68
76) 1,1,1,2-Tetrachloroethane	9.892	131	1580	0.408 ug/L #	65
77) p/m Xylene	10.044	106	5418	0.814 ug/L	94
78) o Xylene	10.574	106	5507	0.848 ug/L	100
79) Styrene	10.631	104	9162	0.827 ug/L	95
88) 1,1,2,2-Tetrachloroethane	11.486	83	1898	0.456 ug/L #	93

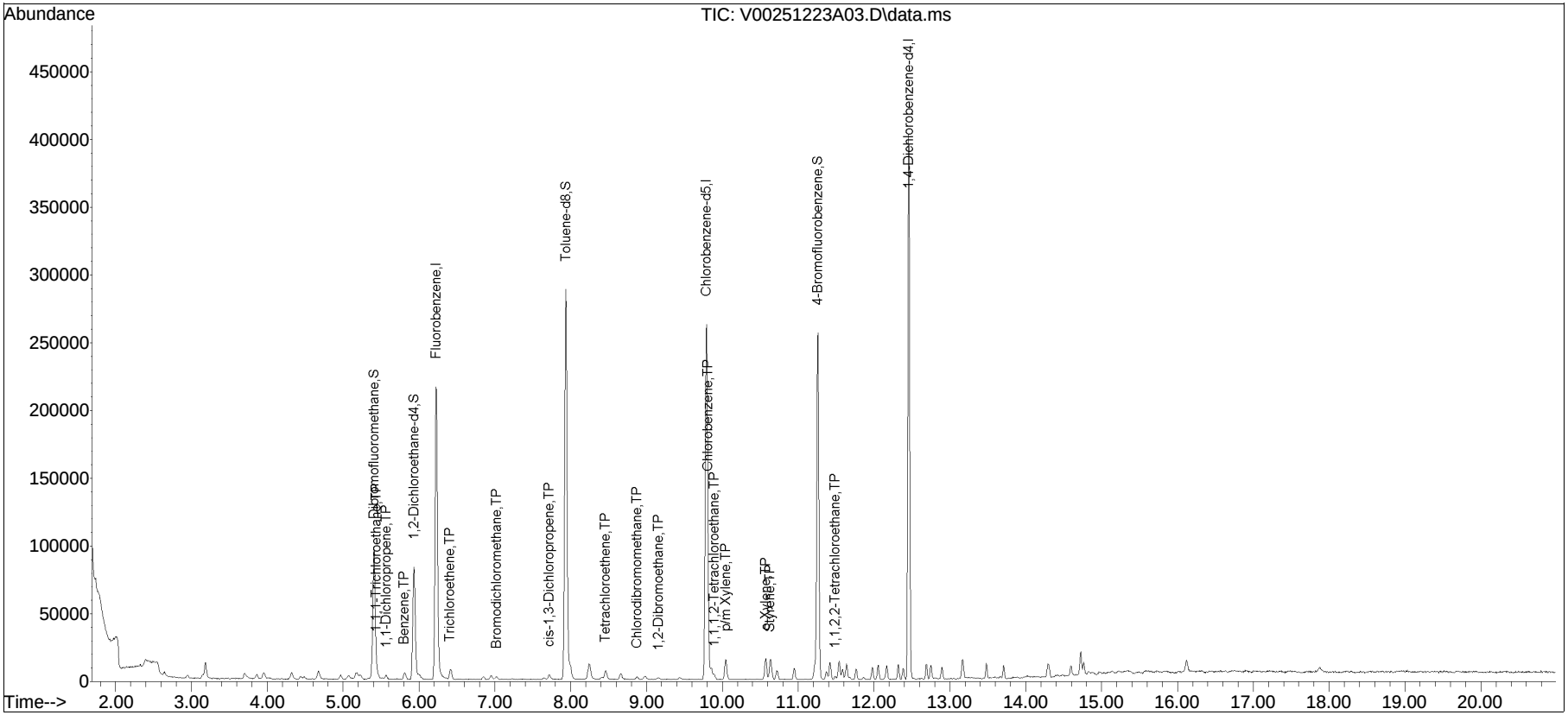
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A03.D
Acq On : 23 Dec 2025 04:03 pm
Operator : VOA100:JIC
Sample : I8260STD0.5PPB
Misc : WG2158227,ICAL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 24 07:43:13 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

Sub List : 8260-L0_OH - Level 0.5ppb for Soils OH0.D•



Manual Integration Report

Data Path	: K:\VOA100\2025\251223A\	QMethod	: V100_251223A_8260.m
Data File	: V00251223A03.D	Operator	: VOA100:JIC
Date Inj'd	: 12/23/2025 4:03 pm	Instrument	: VOA100
Sample	: I8260STD0.5PPB	Quant Date	: 12/24/2025 7:37 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A05.D
Acq On : 23 Dec 2025 04:55 pm
Operator : VOA100:JIC
Sample : I8260STD1PPB
Misc : WG2158227,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 24 08:01:57 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.227	96	226807	20.000 ug/L	0.00
Standard Area 1 = 219329			Recovery = 103.41%		
60) Chlorobenzene-d5	9.793	117	182537	20.000 ug/L	0.00
Standard Area 1 = 172328			Recovery = 105.92%		
80) 1,4-Dichlorobenzene-d4	12.456	152	111846	20.000 ug/L	0.00
Standard Area 1 = 102487			Recovery = 109.13%		
System Monitoring Compounds					
37) Dibromofluoromethane	5.409	113	63647	20.380 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.90%		
44) 1,2-Dichloroethane-d4	5.934	65	64154	21.457 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.29%		
61) Toluene-d8	7.936	98	233691	19.744 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.72%		
84) 4-Bromofluorobenzene	11.261	95	89028	20.154 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.77%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.786	85	2848M1	0.797 ug/L	
3) Chloromethane	2.012	50	3528	0.984 ug/L #	80
4) Vinyl chloride	2.054	62	2925M1	0.790 ug/L	
5) Bromomethane	2.379	94	1519	0.811 ug/L	81
6) Chloroethane	2.505	64	1988	0.849 ug/L	77
7) Trichlorofluoromethane	2.652	101	4195	0.835 ug/L	96
8) Ethyl ether	2.956	74	1529	0.856 ug/L #	84
10) 1,1-Dichloroethene	3.150	96	2333	0.765 ug/L	89
11) Carbon disulfide	3.186	76	19026	1.767 ug/L	97
12) Freon-113	3.192	101	2429	0.800 ug/L	92
14) Acrolein	0.000		0	N.D. d	
15) Methylene chloride	3.700	84	3674	1.062 ug/L	88
17) Acetone	3.732	43	2941	1.956 ug/L #	71
18) trans-1,2-Dichloroethene	3.863	96	2804	0.822 ug/L	93
19) Methyl acetate	3.857	43	2669	1.335 ug/L #	55
20) Methyl tert-butyl ether	3.957	73	8241	0.880 ug/L #	82
21) tert-Butyl alcohol	4.025	59	1509	4.332 ug/L #	60
22) Diisopropyl ether	4.324	45	8830	0.829 ug/L	91
23) 1,1-Dichloroethane	4.450	63	5255	0.867 ug/L	95
24) Halothane	4.487	117	2152	0.810 ug/L	87
25) Acrylonitrile	4.476	53	797	0.784 ug/L #	84

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A05.D
Acq On : 23 Dec 2025 04:55 pm
Operator : VOA100:JIC
Sample : I8260STD1PPB
Misc : WG2158227,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 24 08:01:57 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	8215	0.826	ug/L	#	79
27) Vinyl acetate	4.675	43	7413M1	0.897	ug/L		
28) cis-1,2-Dichloroethene	4.974	96	3132	0.835	ug/L		96
29) 2,2-Dichloropropane	5.069	77	4643	0.914	ug/L	#	74
31) Bromochloromethane	5.163	128	1480	0.805	ug/L	#	82
32) Cyclohexane	5.189	56	4547	0.820	ug/L		99
33) Chloroform	5.231	83	5965	0.935	ug/L		95
34) Ethyl acetate	5.341	43	3280M1	1.083	ug/L		
35) Carbon tetrachloride	5.383	117	4287	0.834	ug/L	#	93
36) Tetrahydrofuran	5.388	42	1516	1.602	ug/L	#	63
38) 1,1,1-Trichloroethane	5.451	97	4368	0.800	ug/L		95
40) 2-Butanone	0.000		0	N.D.	d		
41) 1,1-Dichloropropene	5.572	75	3608	0.801	ug/L		97
42) Benzene	5.813	78	10879	0.850	ug/L		99
43) tert-Amyl methyl ether	5.918	73	7966	0.875	ug/L		94
45) 1,2-Dichloroethane	6.007	62	4069	0.926	ug/L		95
48) Methyl cyclohexane	6.421	83	4681	0.793	ug/L		88
49) Trichloroethene	6.411	95	2934	0.824	ug/L		92
51) Dibromomethane	6.851	93	1926	0.896	ug/L		90
52) 1,2-Dichloropropane	6.946	63	2736	0.809	ug/L		96
54) 2-Chloroethyl vinyl ether	7.648	63	1354	0.737	ug/L	#	100
55) Bromodichloromethane	7.024	83	4265	0.871	ug/L	#	94
58) 1,4-Dioxane	7.239	88	735	24.217	ug/L	#	36
59) cis-1,3-Dichloropropene	7.727	75	4714	0.825	ug/L	#	76
62) Toluene	7.999	92	7058	0.823	ug/L		99
63) 4-Methyl-2-pentanone	8.414	58	758	0.675	ug/L	#	6
64) Tetrachloroethene	8.461	166	3353	0.780	ug/L		87
66) trans-1,3-Dichloropropene	8.466	75	4335	0.827	ug/L	#	78
68) Ethyl methacrylate	8.665	69	3411	0.815	ug/L		85
69) 1,1,2-Trichloroethane	8.655	83	2092	0.854	ug/L		95
70) Chlorodibromomethane	8.875	129	3301	0.818	ug/L		96
71) 1,3-Dichloropropane	8.985	76	4343	0.875	ug/L		98
72) 1,2-Dibromoethane	9.158	107	2391	0.774	ug/L		96
73) 2-Hexanone	9.431	43	1904	0.883	ug/L	#	63
74) Chlorobenzene	9.813	112	8246	0.838	ug/L	#	79
75) Ethylbenzene	9.855	91	13957	0.860	ug/L		100
76) 1,1,1,2-Tetrachloroethane	9.892	131	3088	0.820	ug/L		96
77) p/m Xylene	10.044	106	11345	1.754	ug/L		97
78) o Xylene	10.574	106	10920	1.731	ug/L		95
79) Styrene	10.631	104	17982	1.672	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A05.D
Acq On : 23 Dec 2025 04:55 pm
Operator : VOA100:JIC
Sample : I8260STD1PPB
Misc : WG2158227,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 24 08:01:57 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
81) Bromoform	10.652	173	2496	0.854	ug/L		96
83) Isopropylbenzene	10.946	105	14097	0.810	ug/L		98
85) Bromobenzene	11.371	156	3855	0.817	ug/L		97
86) n-Propylbenzene	11.423	91	16663	0.835	ug/L		99
87) 1,4-Dichlorobutane	11.418	55	4776	0.906	ug/L		93
88) 1,1,2,2-Tetrachloroethane	11.486	83	3491	0.868	ug/L		96
89) 4-Ethyltoluene	11.544	105	14660	0.861	ug/L		100
90) 2-Chlorotoluene	11.580	91	10304	0.893	ug/L		100
91) 1,3,5-Trimethylbenzene	11.638	105	12791	0.873	ug/L		99
92) 1,2,3-Trichloropropane	11.628	75	2804	0.882	ug/L		95
93) trans-1,4-Dichloro-2-b...	11.675	53	1107	0.875	ug/L	#	89
94) 4-Chlorotoluene	11.764	91	10578	0.880	ug/L		99
95) tert-Butylbenzene	11.979	119	10795	0.837	ug/L		96
98) 1,2,4-Trimethylbenzene	12.052	105	12699	0.877	ug/L		99
99) sec-Butylbenzene	12.168	105	16222	0.844	ug/L		99
100) p-Isopropyltoluene	12.320	119	13861	0.833	ug/L		100
101) 1,3-Dichlorobenzene	12.388	146	7836	0.882	ug/L		97
102) 1,4-Dichlorobenzene	12.472	146	8095M3	0.910	ug/L		
103) p-Diethylbenzene	12.692	119	8362	0.831	ug/L		99
104) n-Butylbenzene	12.750	91	12364	0.836	ug/L		99
105) 1,2-Dichlorobenzene	12.896	146	7238	0.867	ug/L		95
106) 1,2,4,5-Tetramethylben...	13.484	119	12383	0.827	ug/L		98
107) 1,2-Dibromo-3-chloropr...	13.662	155	631	0.768	ug/L		93
108) 1,3,5-Trichlorobenzene	13.709	180	6287	0.882	ug/L		96
109) Hexachlorobutadiene	14.286	225	3233	0.857	ug/L		99
110) 1,2,4-Trichlorobenzene	14.302	180	5792	0.924	ug/L		97
111) Naphthalene	14.595	128	11697	0.925	ug/L		100
112) 1,2,3-Trichlorobenzene	14.763	180	5251	0.901	ug/L		96

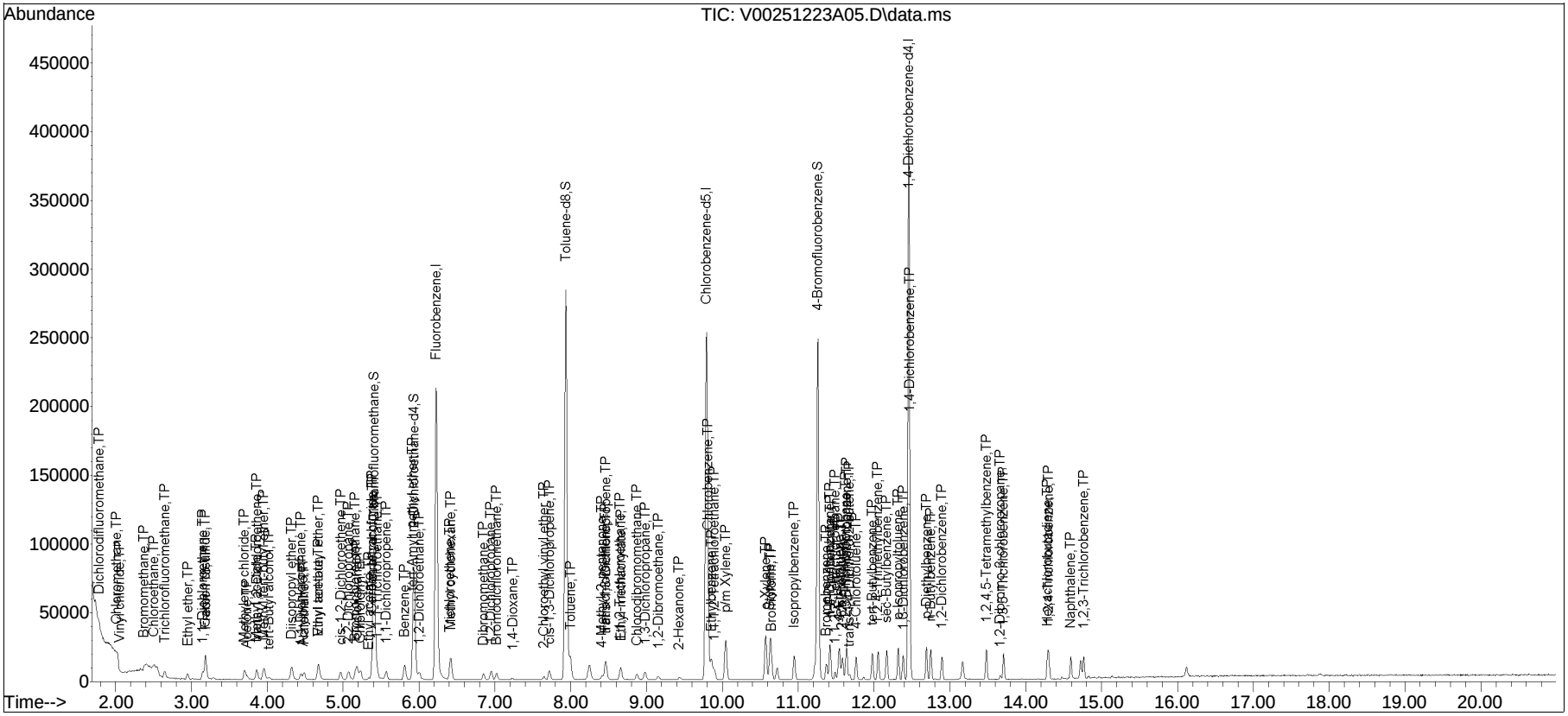
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A05.D
Acq On : 23 Dec 2025 04:55 pm
Operator : VOA100:JIC
Sample : I8260STD1PPB
Misc : WG2158227,ICAL
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 24 08:01:57 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

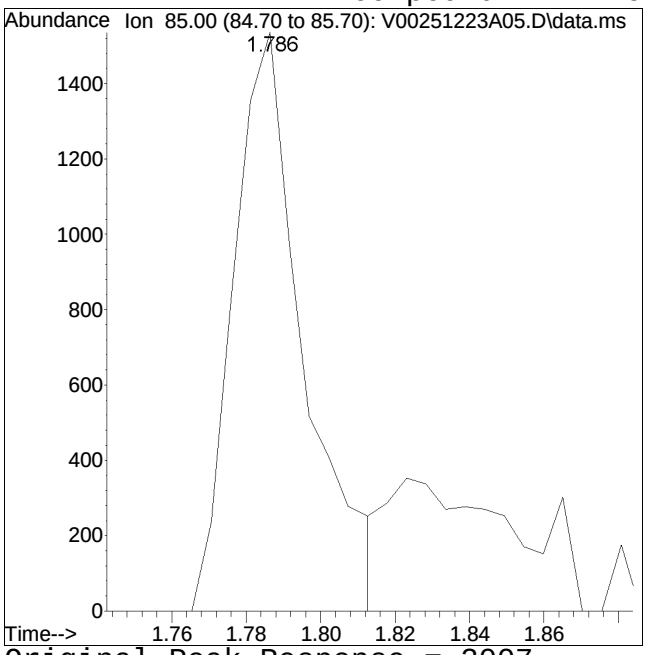
Sub List : 8260-CurveSoil - Megamix plus Diox23A10.D•

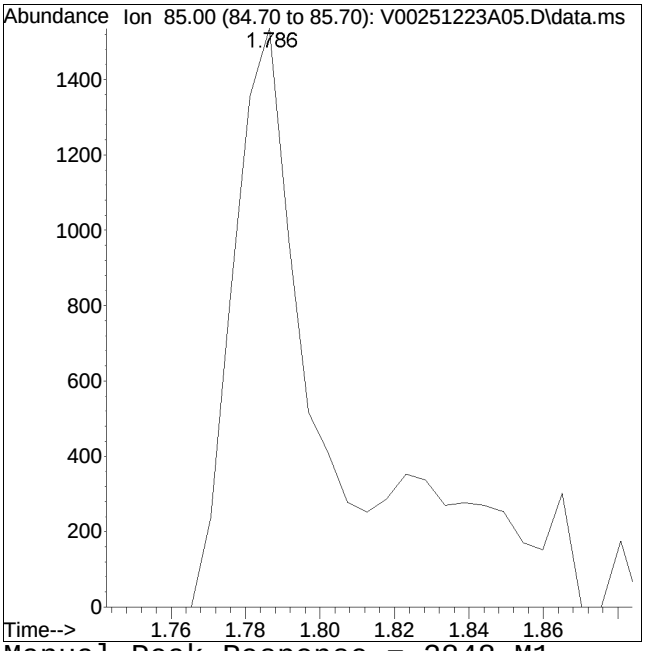


Manual Integration Report

Data Path	: K:\VOA100\2025\251223A\	QMethod	: V100_251223A_8260.m
Data File	: V00251223A05.D	Operator	: VOA100:JIC
Date Inj'd	: 12/23/2025 4:55 pm	Instrument	: VOA100
Sample	: I8260STD1PPB	Quant Date	: 12/24/2025 7:37 am

Compound #2: Dichlorodifluoromethane





Original Peak Response = 2007 Manual Peak Response = 2848 M1

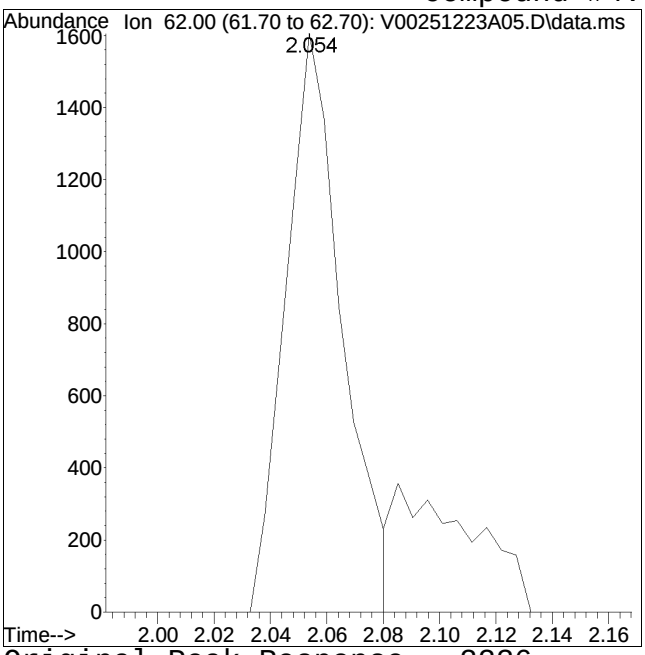
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

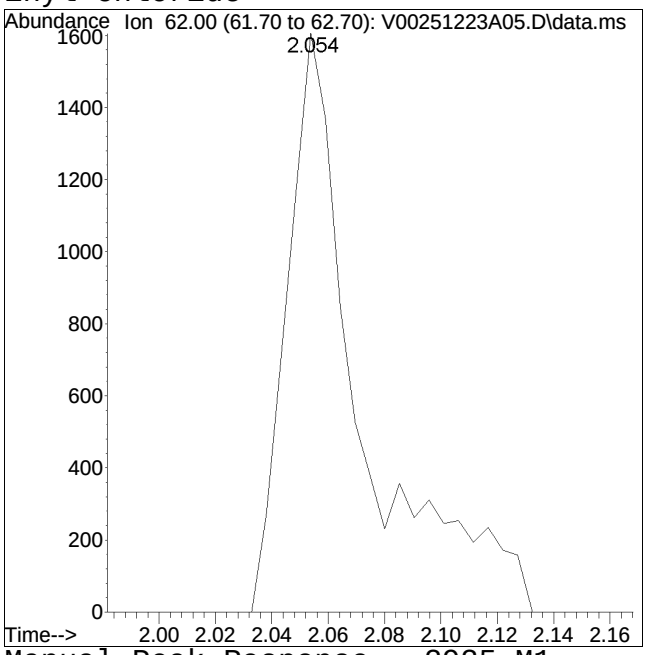
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A05.D
Date Inj'd : 12/23/2025 4:55 pm
Sample : I8260STD1PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:37 am

Compound #4: Vinyl chloride



Original Peak Response = 2236



Manual Peak Response = 2925 M1

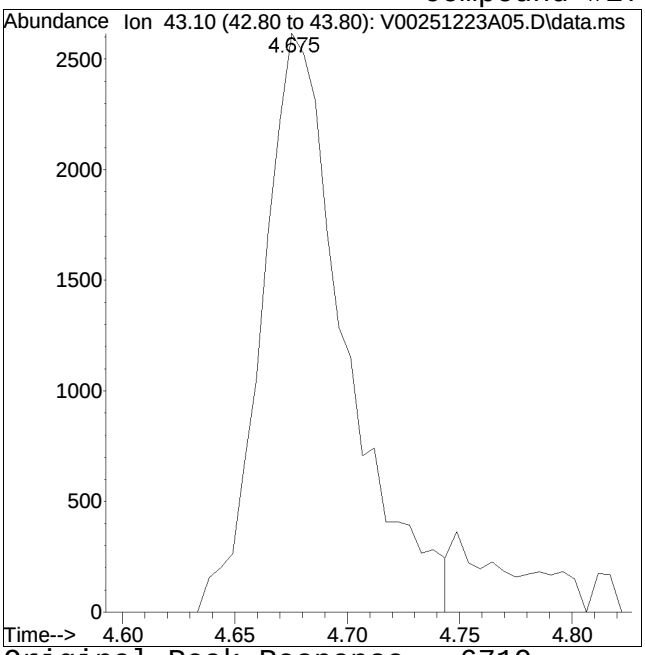
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

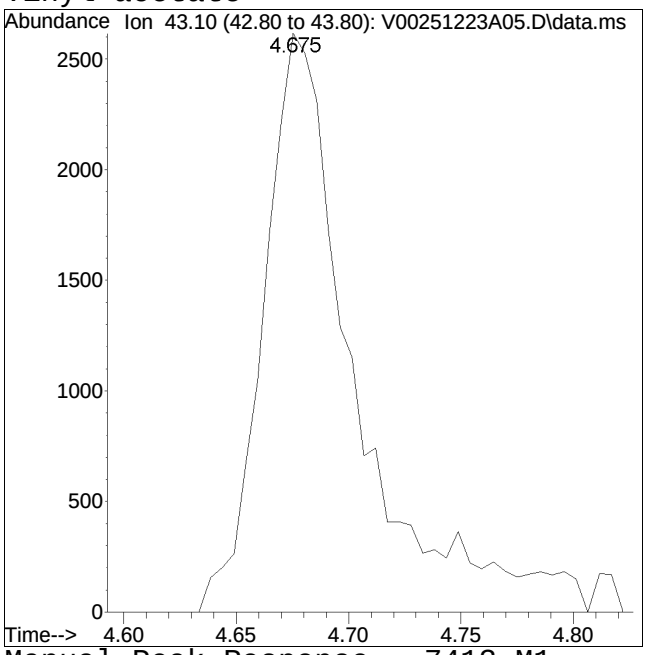
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A05.D
Date Inj'd : 12/23/2025 4:55 pm
Sample : I8260STD1PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:37 am

Compound #27: Vinyl acetate



Original Peak Response = 6719



Manual Peak Response = 7413 M1

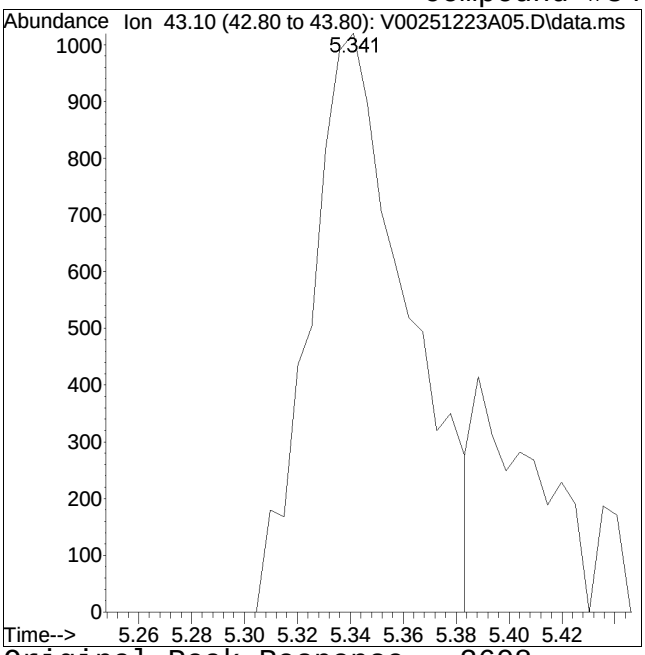
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

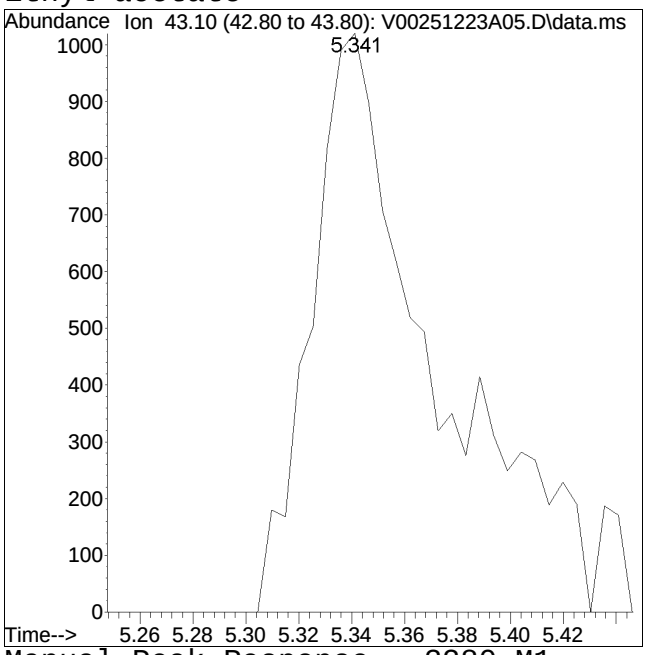
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A05.D
Date Inj'd : 12/23/2025 4:55 pm
Sample : I8260STD1PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:37 am

Compound #34: Ethyl acetate



Original Peak Response = 2608



Manual Peak Response = 3280 M1

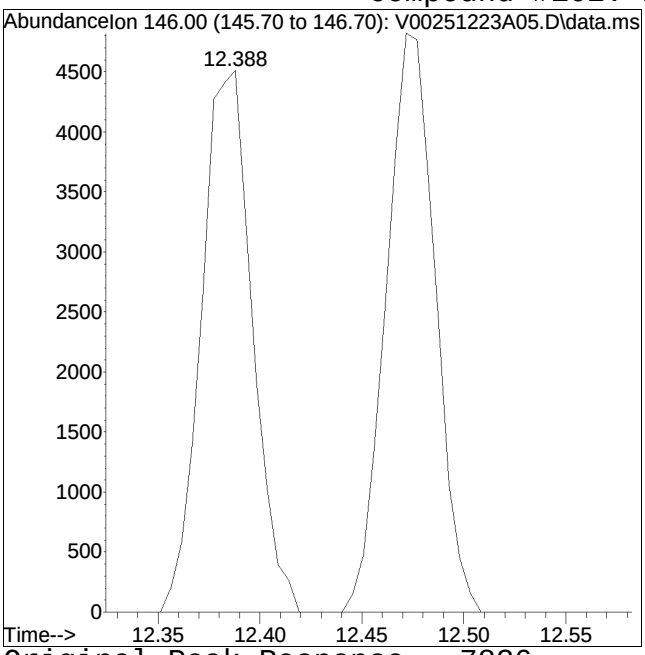
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

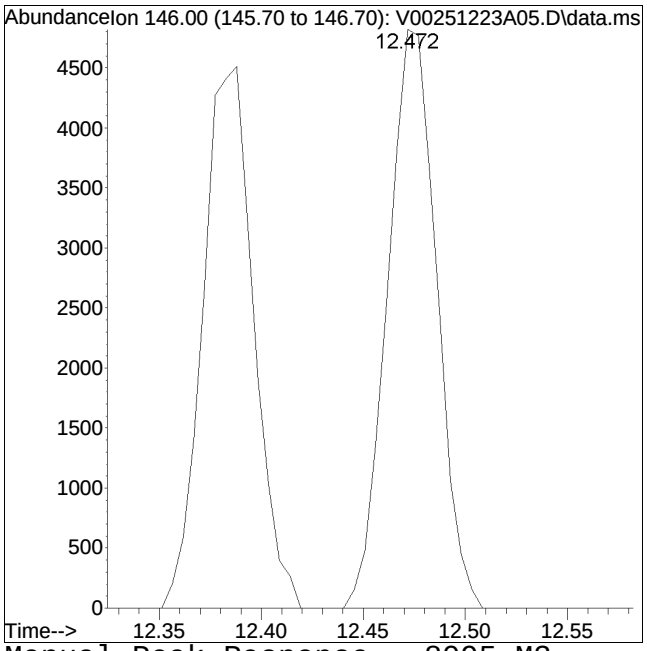
Manual Integration Report

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A05.D
Date Inj'd : 12/23/2025 4:55 pm
Sample : I8260STD1PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:37 am

Compound #102: 1,4-Dichlorobenzene





Original Peak Response = 7836 Manual Peak Response = 8095 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A07.D
Acq On : 23 Dec 2025 05:48 pm
Operator : VOA100:JIC
Sample : I8260STD2PPB
Misc : WG2158227,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 24 07:46:42 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	214177	20.000	ug/L	0.00
Standard Area 1 = 219329			Recovery = 97.65%			
60) Chlorobenzene-d5	9.793	117	171687	20.000	ug/L	0.00
Standard Area 1 = 172328			Recovery = 99.63%			
80) 1,4-Dichlorobenzene-d4	12.456	152	105250	20.000	ug/L	0.00
Standard Area 1 = 102487			Recovery = 102.70%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	60392	20.478	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.39%			
44) 1,2-Dichloroethane-d4	5.934	65	60051	21.269	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.35%			
61) Toluene-d8	7.937	98	220805	19.834	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.17%			
84) 4-Bromofluorobenzene	11.261	95	82759	19.909	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.787	85	6873	2.037	ug/L	99
3) Chloromethane	2.012	50	7231	2.136	ug/L	95
4) Vinyl chloride	2.054	62	7047	2.017	ug/L	86
5) Bromomethane	2.379	94	3352	1.894	ug/L	94
6) Chloroethane	2.500	64	4619	2.088	ug/L	93
7) Trichlorofluoromethane	2.652	101	9752	2.056	ug/L	99
8) Ethyl ether	2.950	74	3037	1.800	ug/L #	89
10) 1,1-Dichloroethene	3.150	96	5406	1.877	ug/L	88
11) Carbon disulfide	3.186	76	30023	2.952	ug/L	99
12) Freon-113	3.186	101	5477	1.910	ug/L	85
14) Acrolein	3.459	56	319	1.280	ug/L	92
15) Methylene chloride	3.700	84	7072	2.165	ug/L	85
17) Acetone	3.737	43	3795	2.672	ug/L #	59
18) trans-1,2-Dichloroethene	3.863	96	6215	1.929	ug/L	96
19) Methyl acetate	3.863	43	4378	2.319	ug/L #	71
20) Methyl tert-butyl ether	3.957	73	16830	1.903	ug/L #	90
21) tert-Butyl alcohol	4.020	59	2866	8.713	ug/L #	61
22) Diisopropyl ether	4.319	45	18694	1.858	ug/L	94
23) 1,1-Dichloroethane	4.445	63	11347	1.982	ug/L	100
24) Halothane	4.487	117	4907	1.957	ug/L	98
25) Acrylonitrile	4.476	53	1503	1.565	ug/L	94

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A07.D
Acq On : 23 Dec 2025 05:48 pm
Operator : VOA100:JIC
Sample : I8260STD2PPB
Misc : WG2158227,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 24 07:46:42 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	17133	1.824	ug/L	#	78
27) Vinyl acetate	4.675	43	14439	1.850	ug/L	#	88
28) cis-1,2-Dichloroethene	4.964	96	6981	1.971	ug/L		95
29) 2,2-Dichloropropane	5.069	77	10123	2.111	ug/L	#	82
31) Bromochloromethane	5.163	128	3405	1.962	ug/L		88
32) Cyclohexane	5.184	56	10476	2.000	ug/L		98
33) Chloroform	5.231	83	12255	2.035	ug/L		97
34) Ethyl acetate	5.341	43	5980M1	2.090	ug/L		
35) Carbon tetrachloride	5.388	117	9893	2.037	ug/L		97
36) Tetrahydrofuran	5.388	42	2271	2.541	ug/L	#	66
38) 1,1,1-Trichloroethane	5.446	97	9755	1.893	ug/L		96
40) 2-Butanone	5.514	43	2587	2.056	ug/L	#	76
41) 1,1-Dichloropropene	5.567	75	8348	1.962	ug/L		99
42) Benzene	5.813	78	23320	1.928	ug/L		97
43) tert-Amyl methyl ether	5.923	73	15805	1.838	ug/L		95
45) 1,2-Dichloroethane	6.007	62	8105	1.954	ug/L		99
48) Methyl cyclohexane	6.421	83	10273	1.844	ug/L		91
49) Trichloroethene	6.416	95	6372	1.896	ug/L		93
51) Dibromomethane	6.851	93	3856	1.899	ug/L	#	87
52) 1,2-Dichloropropane	6.956	63	6120	1.916	ug/L		99
54) 2-Chloroethyl vinyl ether	7.643	63	2943	1.696	ug/L	#	100
55) Bromodichloromethane	7.024	83	9183	1.986	ug/L	#	97
58) 1,4-Dioxane	7.224	88	1904	66.434	ug/L	#	90
59) cis-1,3-Dichloropropene	7.716	75	10062	1.865	ug/L	#	82
62) Toluene	7.994	92	15173	1.880	ug/L		99
63) 4-Methyl-2-pentanone	8.414	58	1680	1.590	ug/L	#	29
64) Tetrachloroethene	8.461	166	7578	1.875	ug/L		93
66) trans-1,3-Dichloropropene	8.466	75	8927	1.810	ug/L		86
68) Ethyl methacrylate	8.660	69	6852M1	1.740	ug/L		
69) 1,1,2-Trichloroethane	8.650	83	4216	1.829	ug/L		98
70) Chlorodibromomethane	8.870	129	6972	1.838	ug/L		98
71) 1,3-Dichloropropane	8.980	76	8953	1.919	ug/L		99
72) 1,2-Dibromoethane	9.153	107	5267	1.814	ug/L		97
73) 2-Hexanone	9.431	43	3760M1	1.854	ug/L		
74) Chlorobenzene	9.814	112	17904	1.935	ug/L		91
75) Ethylbenzene	9.856	91	29609	1.940	ug/L		99
76) 1,1,1,2-Tetrachloroethane	9.898	131	6394	1.805	ug/L		97
77) p/m Xylene	10.044	106	23226	3.818	ug/L		99
78) o Xylene	10.574	106	23112	3.894	ug/L		98
79) Styrene	10.632	104	38700	3.825	ug/L		97

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A07.D
Acq On : 23 Dec 2025 05:48 pm
Operator : VOA100:JIC
Sample : I8260STD2PPB
Misc : WG2158227,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 24 07:46:42 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.658	173	5003	1.820	ug/L	99
83) Isopropylbenzene	10.946	105	31547	1.926	ug/L	99
85) Bromobenzene	11.376	156	8283	1.865	ug/L	100
86) n-Propylbenzene	11.418	91	36102	1.922	ug/L	97
87) 1,4-Dichlorobutane	11.418	55	9421	1.899	ug/L	95
88) 1,1,2,2-Tetrachloroethane	11.486	83	7168	1.893	ug/L	98
89) 4-Ethyltoluene	11.544	105	30786	1.922	ug/L	100
90) 2-Chlorotoluene	11.581	91	21164M6	1.950	ug/L	
91) 1,3,5-Trimethylbenzene	11.638	105	26807	1.943	ug/L	97
92) 1,2,3-Trichloropropane	11.622	75	6148M6	2.056	ug/L	
93) trans-1,4-Dichloro-2-b...	11.675	53	2105	1.768	ug/L	95
94) 4-Chlorotoluene	11.759	91	22332	1.975	ug/L	97
95) tert-Butylbenzene	11.979	119	23180	1.910	ug/L	96
98) 1,2,4-Trimethylbenzene	12.052	105	26122	1.917	ug/L	99
99) sec-Butylbenzene	12.168	105	34539	1.909	ug/L	99
100) p-Isopropyltoluene	12.320	119	29268	1.869	ug/L	97
101) 1,3-Dichlorobenzene	12.383	146	16083	1.925	ug/L	98
102) 1,4-Dichlorobenzene	12.472	146	16749	2.001	ug/L	96
103) p-Diethylbenzene	12.692	119	17907	1.892	ug/L	97
104) n-Butylbenzene	12.750	91	26863	1.930	ug/L	98
105) 1,2-Dichlorobenzene	12.891	146	15239	1.940	ug/L	98
106) 1,2,4,5-Tetramethylben...	13.479	119	25224	1.790	ug/L	99
107) 1,2-Dibromo-3-chloropr...	13.662	155	1469	1.901	ug/L	97
108) 1,3,5-Trichlorobenzene	13.709	180	13084	1.950	ug/L	97
109) Hexachlorobutadiene	14.286	225	6990	1.969	ug/L	98
110) 1,2,4-Trichlorobenzene	14.302	180	11201	1.900	ug/L	97
111) Naphthalene	14.595	128	22261	1.872	ug/L	100
112) 1,2,3-Trichlorobenzene	14.763	180	10597	1.933	ug/L	99

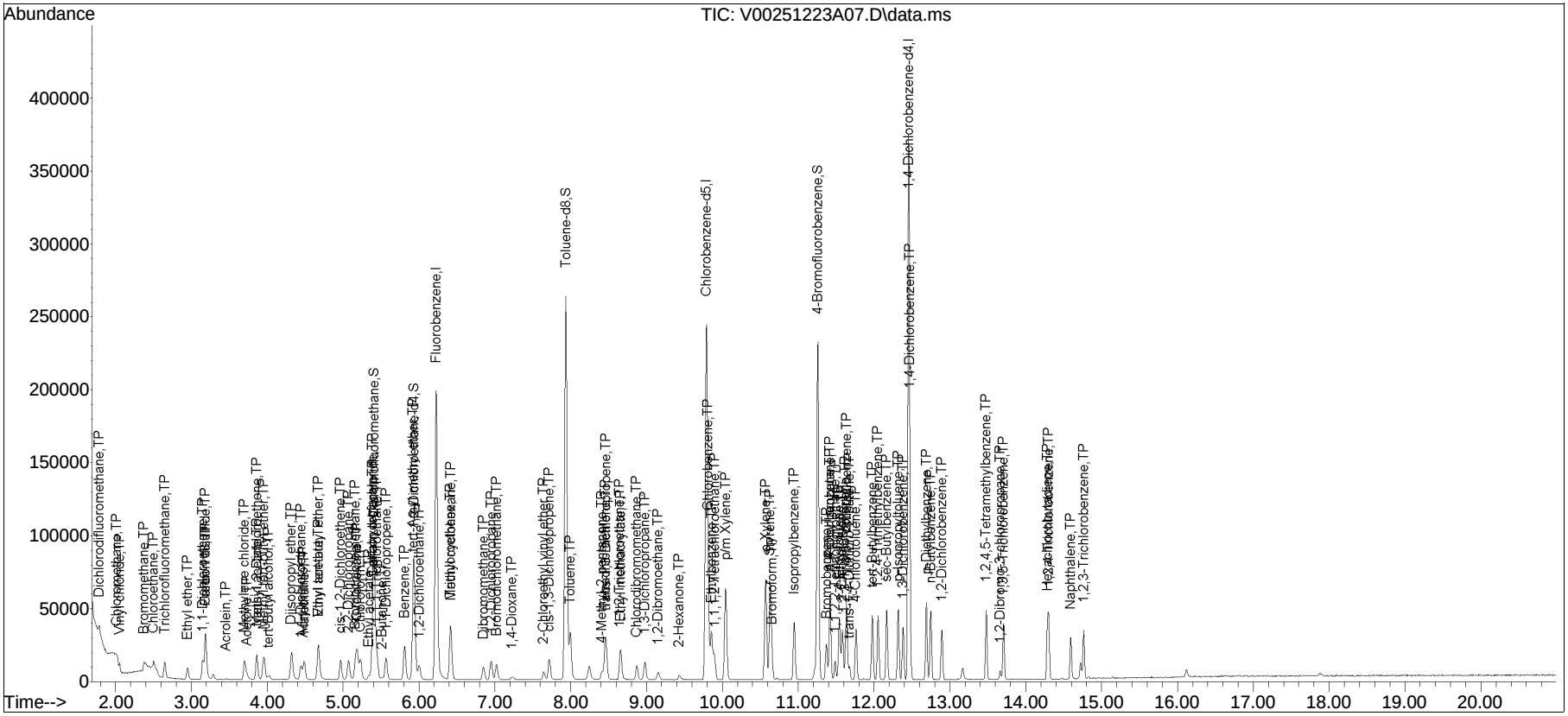
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A07.D
Acq On : 23 Dec 2025 05:48 pm
Operator : VOA100:JIC
Sample : I8260STD2PPB
Misc : WG2158227,ICAL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 24 07:46:42 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

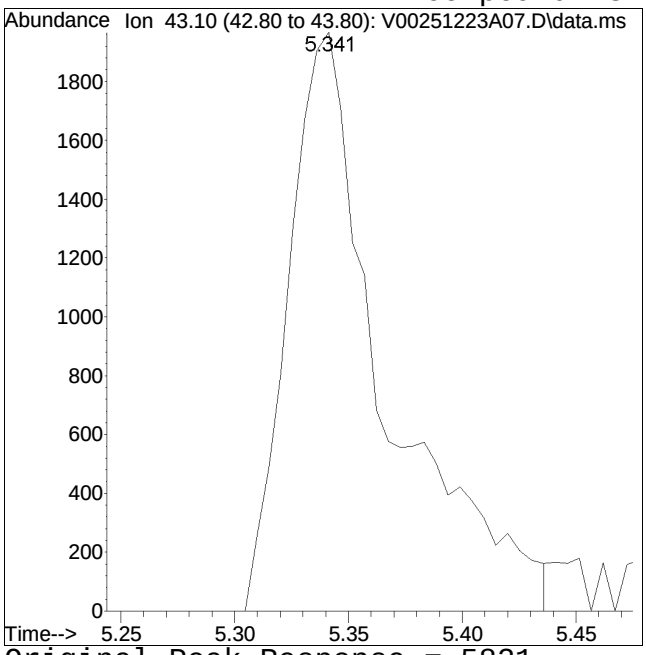
Sub List : 8260-CurveSoil - Megamix plus Diox23A10.D•

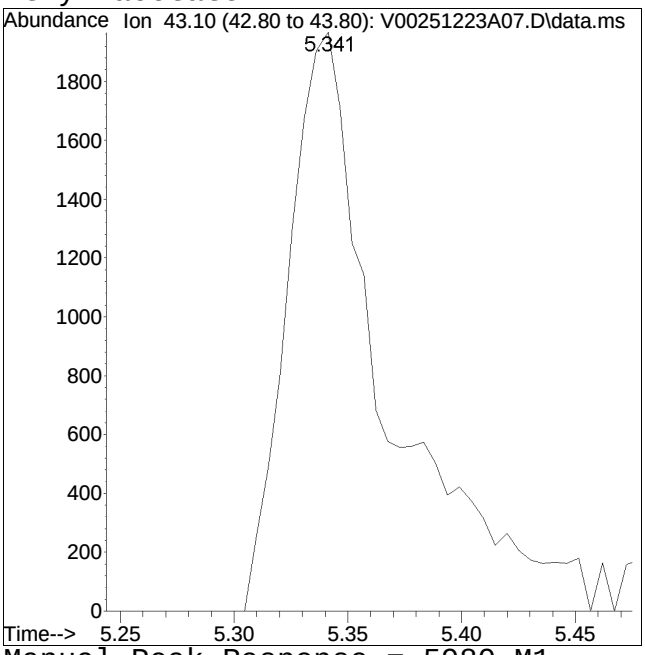


Manual Integration Report

Data Path	: K:\VOA100\2025\251223A\	QMethod	: V100_251223A_8260.m
Data File	: V00251223A07.D	Operator	: VOA100:JIC
Date Inj'd	: 12/23/2025 5:48 pm	Instrument	: VOA100
Sample	: I8260STD2PPB	Quant Date	: 12/24/2025 7:37 am

Compound #34: Ethyl acetate





Original Peak Response = 5821 Manual Peak Response = 5980 M1

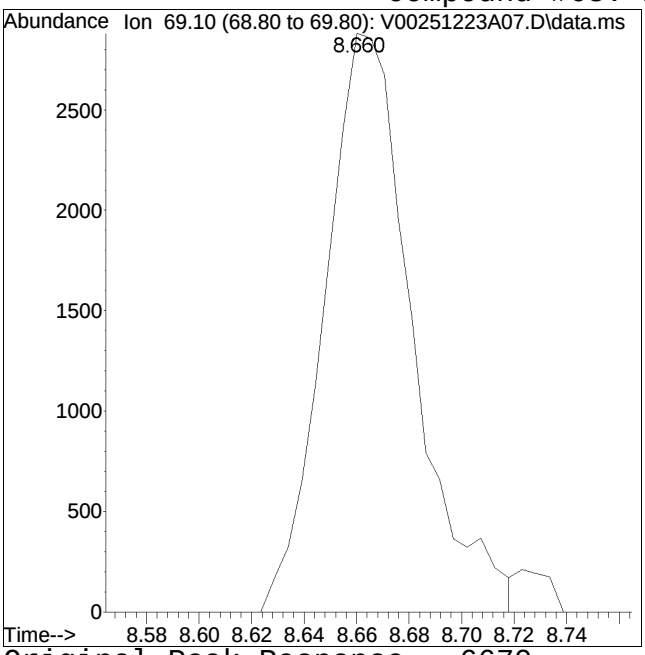
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

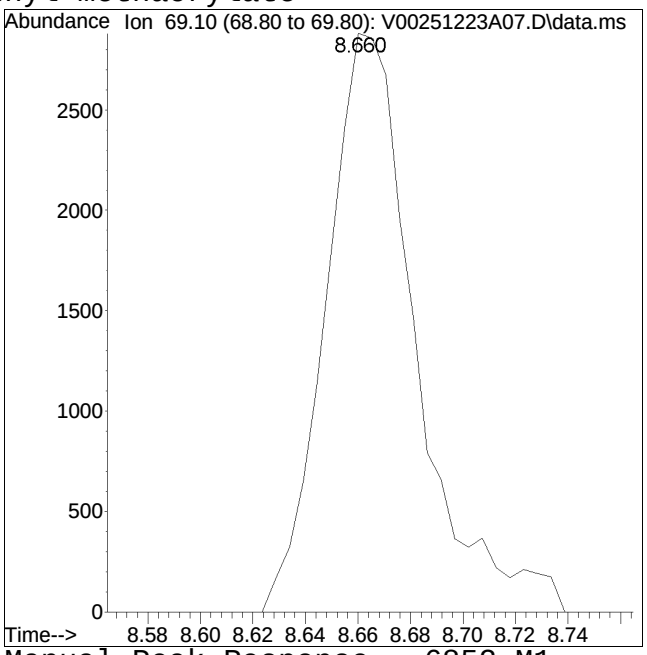
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A07.D
Date Inj'd : 12/23/2025 5:48 pm
Sample : I8260STD2PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:37 am

Compound #68: Ethyl methacrylate



Original Peak Response = 6670



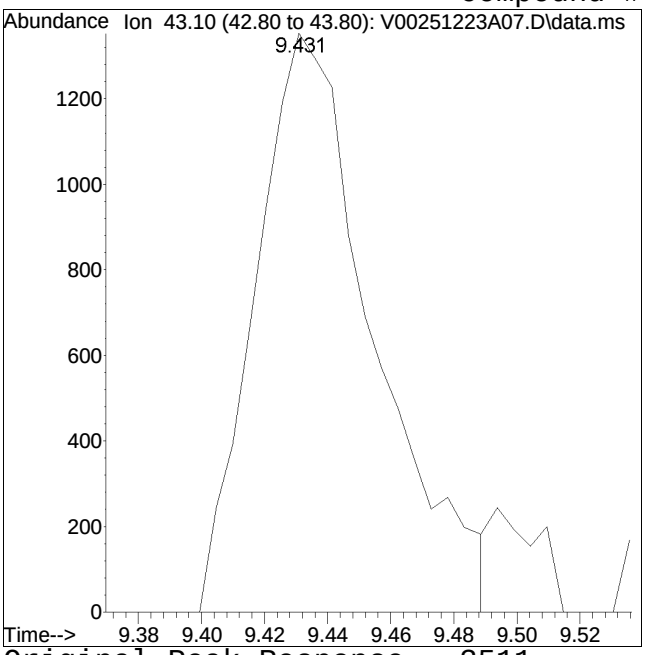
Manual Peak Response = 6852 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

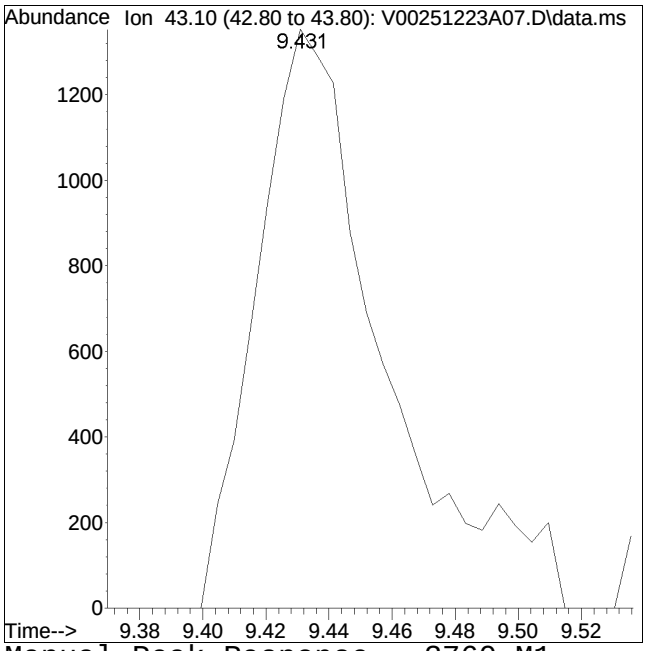
Manual Integration Report

Data Path	: K:\VOA100\2025\251223A\	QMethod	: V100_251223A_8260.m
Data File	: V00251223A07.D	Operator	: VOA100:JIC
Date Inj'd	: 12/23/2025 5:48 pm	Instrument	: VOA100
Sample	: I8260STD2PPB	Quant Date	: 12/24/2025 7:37 am

Compound #73: 2-Hexanone



Original Peak Response = 3511



Manual Peak Response = 3760 M1

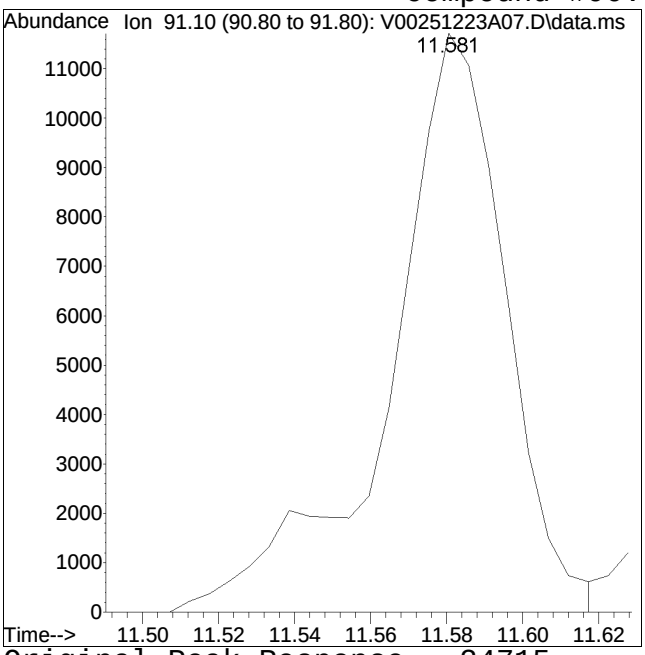
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

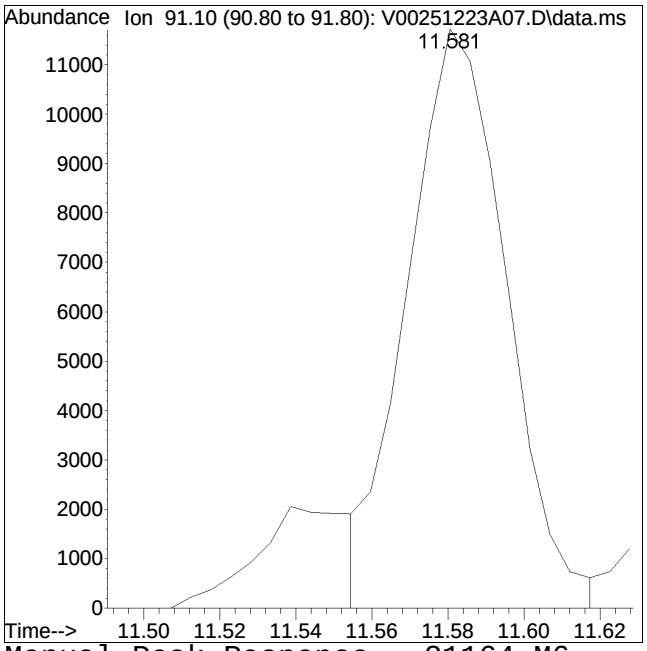
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A07.D
Date Inj'd : 12/23/2025 5:48 pm
Sample : I8260STD2PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:37 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 24715



Manual Peak Response = 21164 M6

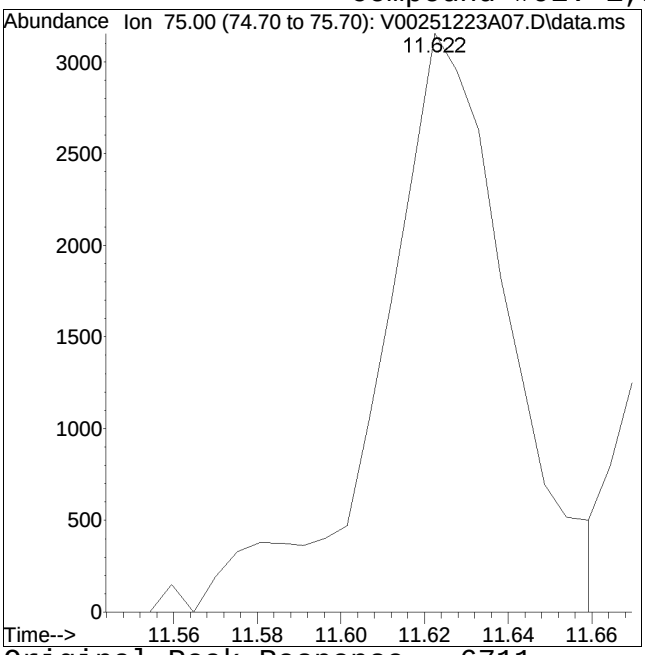
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

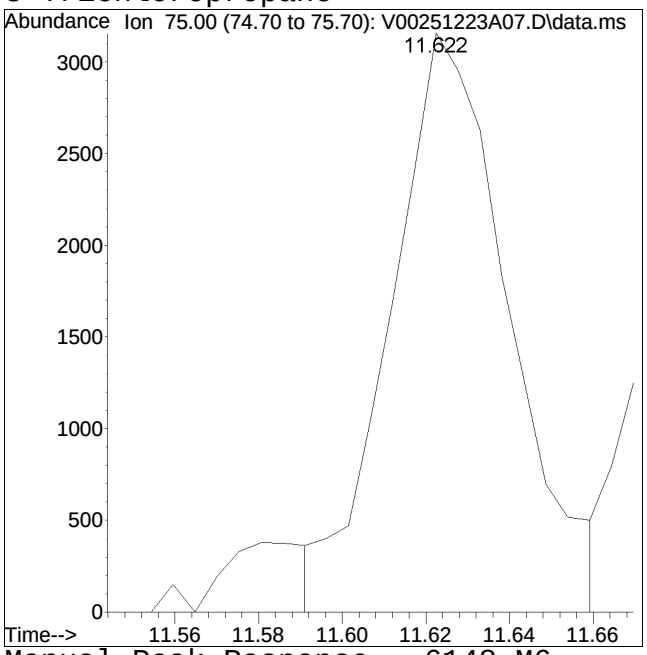
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A07.D
Date Inj'd : 12/23/2025 5:48 pm
Sample : I8260STD2PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:37 am

Compound #92: 1,2,3-Trichloropropane



Original Peak Response = 6711



Manual Peak Response = 6148 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A08.D
Acq On : 23 Dec 2025 06:14 pm
Operator : VOA100:JIC
Sample : I8260STD4PPB
Misc : WG2158227,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 24 07:48:26 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.227	96	218832	20.000 ug/L	0.00
Standard Area 1 = 219329			Recovery = 99.77%		
60) Chlorobenzene-d5	9.793	117	175171	20.000 ug/L	0.00
Standard Area 1 = 172328			Recovery = 101.65%		
80) 1,4-Dichlorobenzene-d4	12.456	152	106202	20.000 ug/L	0.00
Standard Area 1 = 102487			Recovery = 103.62%		
System Monitoring Compounds					
37) Dibromofluoromethane	5.404	113	62175	20.634 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.17%		
44) 1,2-Dichloroethane-d4	5.934	65	61287	21.245 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.23%		
61) Toluene-d8	7.937	98	226995	19.984 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.92%		
84) 4-Bromofluorobenzene	11.261	95	83393	19.881 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.41%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.781	85	13513M1	3.919 ug/L	
3) Chloromethane	2.007	50	14028	4.055 ug/L	97
4) Vinyl chloride	2.054	62	13747	3.850 ug/L	91
5) Bromomethane	2.379	94	6833	3.779 ug/L	97
6) Chloroethane	2.505	64	9041	4.000 ug/L	85
7) Trichlorofluoromethane	2.646	101	18672	3.852 ug/L	98
8) Ethyl ether	2.950	74	6378	3.700 ug/L #	87
10) 1,1-Dichloroethene	3.150	96	10872	3.694 ug/L	88
11) Carbon disulfide	3.186	76	50078	4.820 ug/L	98
12) Freon-113	3.186	101	10483	3.578 ug/L	88
14) Acrolein	3.459	56	829	3.255 ug/L	97
15) Methylene chloride	3.700	84	14346	4.298 ug/L	89
17) Acetone	3.732	43	6748	4.650 ug/L #	85
18) trans-1,2-Dichloroethene	3.863	96	12728	3.866 ug/L	94
19) Methyl acetate	3.852	43	6711	3.479 ug/L #	83
20) Methyl tert-butyl ether	3.952	73	33209	3.674 ug/L #	91
21) tert-Butyl alcohol	4.025	59	5650	16.812 ug/L #	78
22) Diisopropyl ether	4.324	45	37780	3.675 ug/L	94
23) 1,1-Dichloroethane	4.445	63	23248	3.974 ug/L	99
24) Halothane	4.487	117	9849	3.844 ug/L	96
25) Acrylonitrile	4.471	53	3359	3.423 ug/L	92

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A08.D
Acq On : 23 Dec 2025 06:14 pm
Operator : VOA100:JIC
Sample : I8260STD4PPB
Misc : WG2158227,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 24 07:48:26 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	35204	3.668	ug/L	#	81
27) Vinyl acetate	4.675	43	27476	3.446	ug/L	#	90
28) cis-1,2-Dichloroethene	4.969	96	14173	3.916	ug/L		96
29) 2,2-Dichloropropane	5.074	77	19430	3.965	ug/L		85
31) Bromochloromethane	5.163	128	6729	3.795	ug/L		91
32) Cyclohexane	5.184	56	19535	3.651	ug/L		96
33) Chloroform	5.231	83	24617	4.001	ug/L		96
34) Ethyl acetate	5.336	43	10681	3.654	ug/L	#	87
35) Carbon tetrachloride	5.383	117	18494	3.727	ug/L		98
36) Tetrahydrofuran	5.383	42	4133	4.526	ug/L	#	72
38) 1,1,1-Trichloroethane	5.446	97	20147	3.826	ug/L		97
40) 2-Butanone	5.514	43	5334M1	4.150	ug/L		
41) 1,1-Dichloropropene	5.567	75	15999	3.681	ug/L		98
42) Benzene	5.808	78	47361	3.833	ug/L		98
43) tert-Amyl methyl ether	5.923	73	31930	3.635	ug/L		95
45) 1,2-Dichloroethane	6.002	62	16783	3.961	ug/L		97
48) Methyl cyclohexane	6.416	83	19020	3.341	ug/L		98
49) Trichloroethene	6.411	95	12900	3.757	ug/L		92
51) Dibromomethane	6.851	93	8001	3.856	ug/L		91
52) 1,2-Dichloropropane	6.951	63	12341	3.782	ug/L		99
54) 2-Chloroethyl vinyl ether	7.643	63	6060	3.417	ug/L	#	100
55) Bromodichloromethane	7.024	83	18070	3.824	ug/L		99
58) 1,4-Dioxane	7.224	88	5228	178.534	ug/L	#	93
59) cis-1,3-Dichloropropene	7.716	75	20915	3.793	ug/L	#	84
62) Toluene	8.000	92	30947	3.758	ug/L		96
63) 4-Methyl-2-pentanone	8.414	58	3512	3.258	ug/L	#	41
64) Tetrachloroethene	8.456	166	14352	3.481	ug/L		93
66) trans-1,3-Dichloropropene	8.471	75	17975	3.572	ug/L		88
68) Ethyl methacrylate	8.660	69	14265	3.550	ug/L		91
69) 1,1,2-Trichloroethane	8.655	83	8487	3.608	ug/L		100
70) Chlorodibromomethane	8.875	129	13961	3.607	ug/L		97
71) 1,3-Dichloropropane	8.980	76	17709	3.720	ug/L		100
72) 1,2-Dibromoethane	9.158	107	10634	3.589	ug/L		98
73) 2-Hexanone	9.431	43	7375M1	3.564	ug/L		
74) Chlorobenzene	9.814	112	35455	3.755	ug/L		98
75) Ethylbenzene	9.856	91	57531	3.694	ug/L		99
76) 1,1,1,2-Tetrachloroethane	9.898	131	13211	3.656	ug/L		99
77) p/m Xylene	10.044	106	45946	7.403	ug/L		98
78) o Xylene	10.569	106	45523	7.518	ug/L		97
79) Styrene	10.632	104	76782	7.437	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A08.D
Acq On : 23 Dec 2025 06:14 pm
Operator : VOA100:JIC
Sample : I8260STD4PPB
Misc : WG2158227,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 24 07:48:26 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.653	173	9858	3.554	ug/L	99
83) Isopropylbenzene	10.946	105	58740	3.554	ug/L	98
85) Bromobenzene	11.371	156	16803	3.749	ug/L	98
86) n-Propylbenzene	11.418	91	66823	3.526	ug/L	97
87) 1,4-Dichlorobutane	11.418	55	18733	3.743	ug/L	98
88) 1,1,2,2-Tetrachloroethane	11.486	83	13863	3.629	ug/L	98
89) 4-Ethyltoluene	11.544	105	58276	3.605	ug/L	98
90) 2-Chlorotoluene	11.581	91	42015M6	3.837	ug/L	
91) 1,3,5-Trimethylbenzene	11.638	105	50227	3.609	ug/L	96
92) 1,2,3-Trichloropropane	11.628	75	11278	3.737	ug/L	98
93) trans-1,4-Dichloro-2-b...	11.675	53	4191	3.488	ug/L	98
94) 4-Chlorotoluene	11.759	91	42610	3.734	ug/L	96
95) tert-Butylbenzene	11.979	119	42564	3.475	ug/L	96
98) 1,2,4-Trimethylbenzene	12.052	105	49618	3.609	ug/L	99
99) sec-Butylbenzene	12.168	105	63768	3.493	ug/L	99
100) p-Isopropyltoluene	12.320	119	55643	3.521	ug/L	98
101) 1,3-Dichlorobenzene	12.383	146	31331	3.716	ug/L	98
102) 1,4-Dichlorobenzene	12.472	146	31620	3.744	ug/L	98
103) p-Diethylbenzene	12.692	119	33323	3.489	ug/L	98
104) n-Butylbenzene	12.750	91	49903	3.553	ug/L	99
105) 1,2-Dichlorobenzene	12.897	146	29293	3.695	ug/L	97
106) 1,2,4,5-Tetramethylben...	13.479	119	47769	3.359	ug/L	98
107) 1,2-Dibromo-3-chloropr...	13.667	155	2764	3.545	ug/L	93
108) 1,3,5-Trichlorobenzene	13.709	180	23885	3.528	ug/L	96
109) Hexachlorobutadiene	14.286	225	12585	3.513	ug/L	98
110) 1,2,4-Trichlorobenzene	14.302	180	21503	3.614	ug/L	97
111) Naphthalene	14.595	128	41483	3.456	ug/L	100
112) 1,2,3-Trichlorobenzene	14.763	180	19746	3.569	ug/L	98

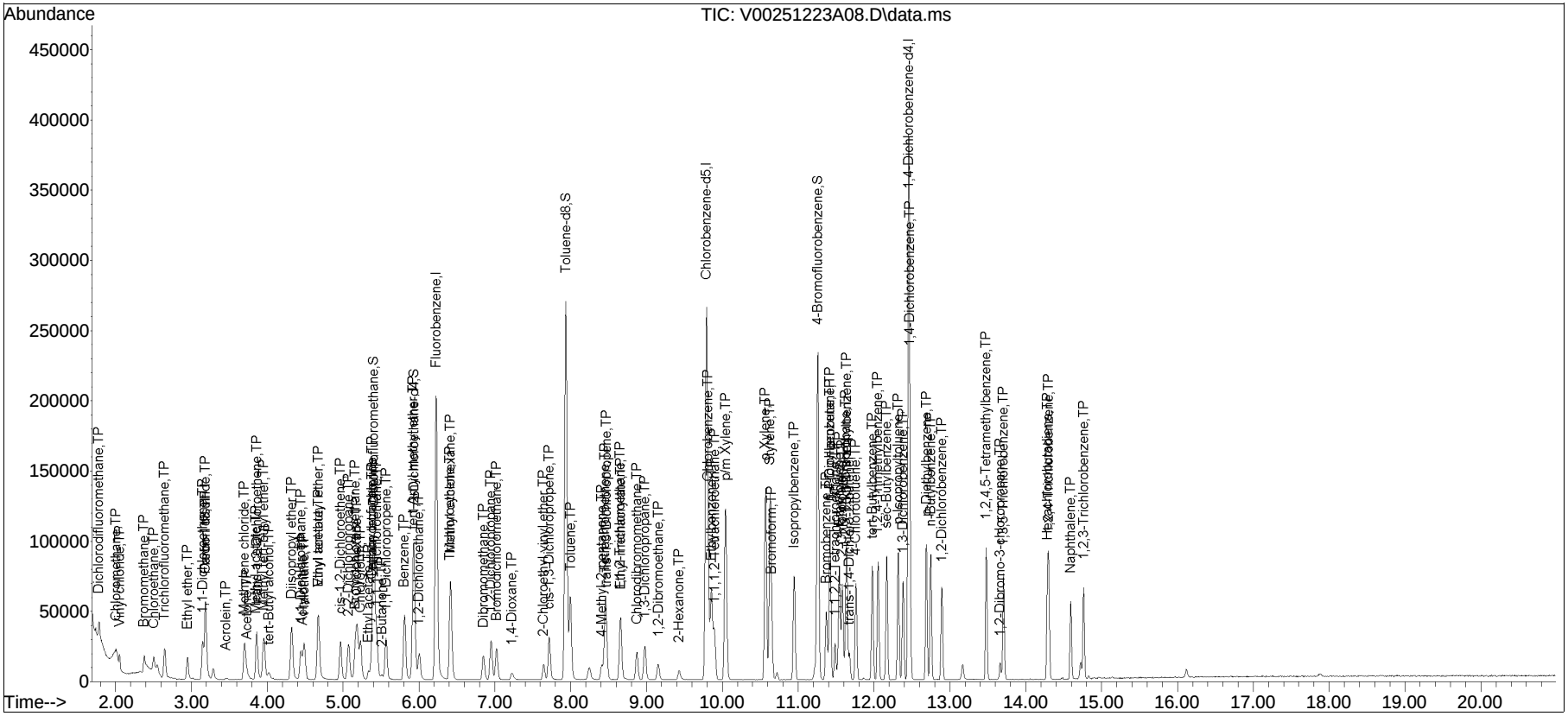
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A08.D
Acq On : 23 Dec 2025 06:14 pm
Operator : VOA100:JIC
Sample : I8260STD4PPB
Misc : WG2158227,ICAL
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 24 07:48:26 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox23A10.D•

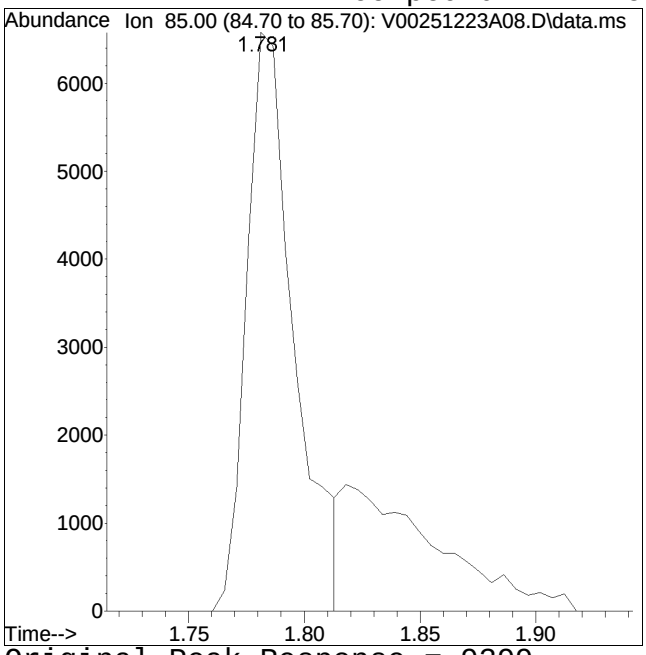


Manual Integration Report

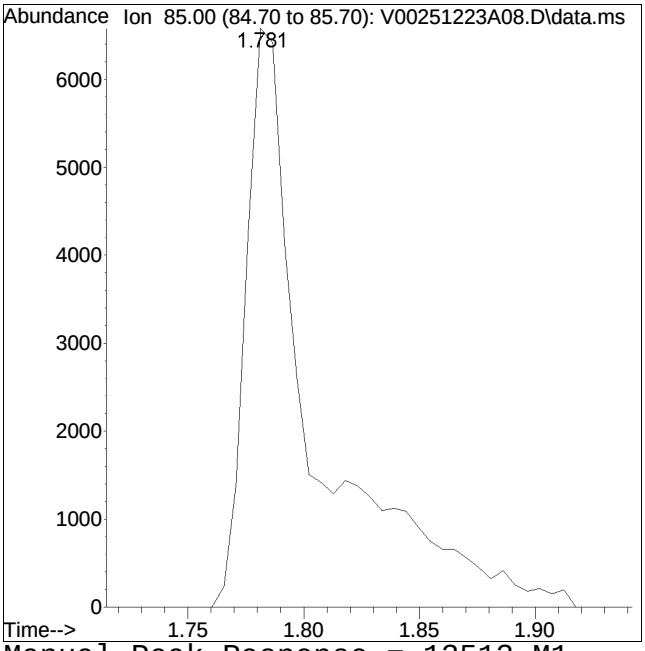
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A08.D
Date Inj'd : 12/23/2025 6:14 pm
Sample : I8260STD4PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:37 am

Compound #2: Dichlorodifluoromethane



Original Peak Response = 9399



Manual Peak Response = 13513 M1

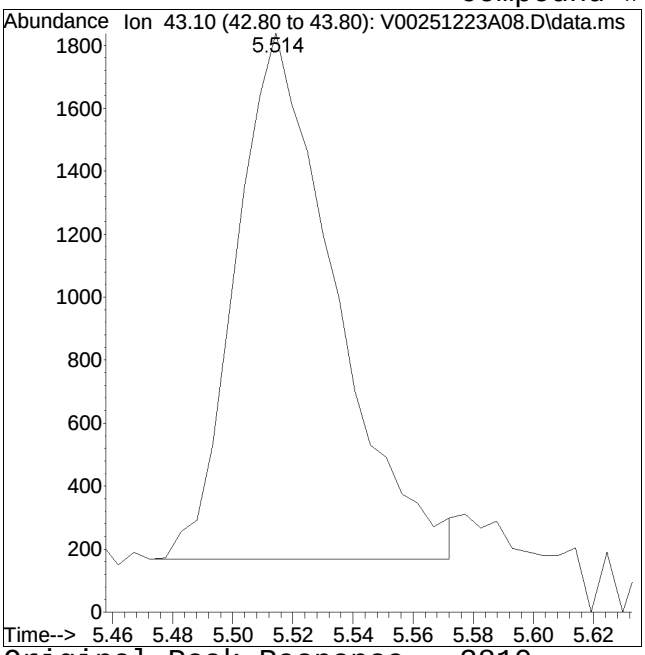
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

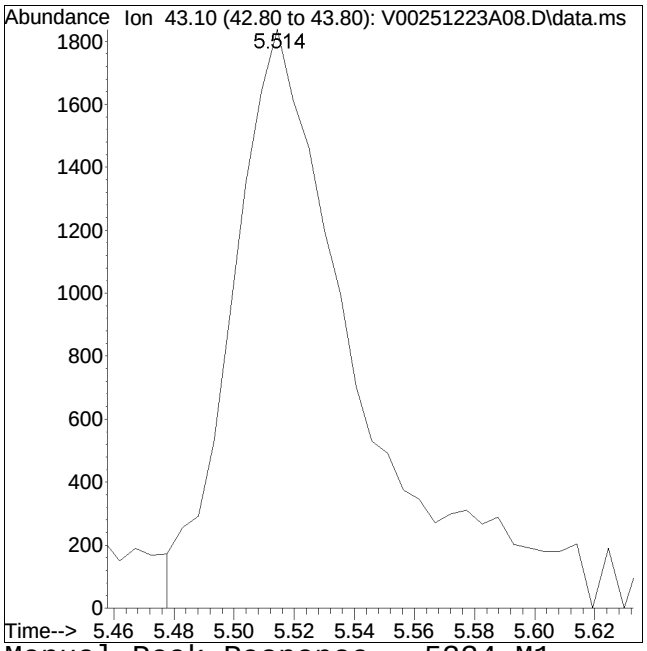
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A08.D
Date Inj'd : 12/23/2025 6:14 pm
Sample : I8260STD4PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:37 am

Compound #40: 2-Butanone



Original Peak Response = 3810



Manual Peak Response = 5334 M1

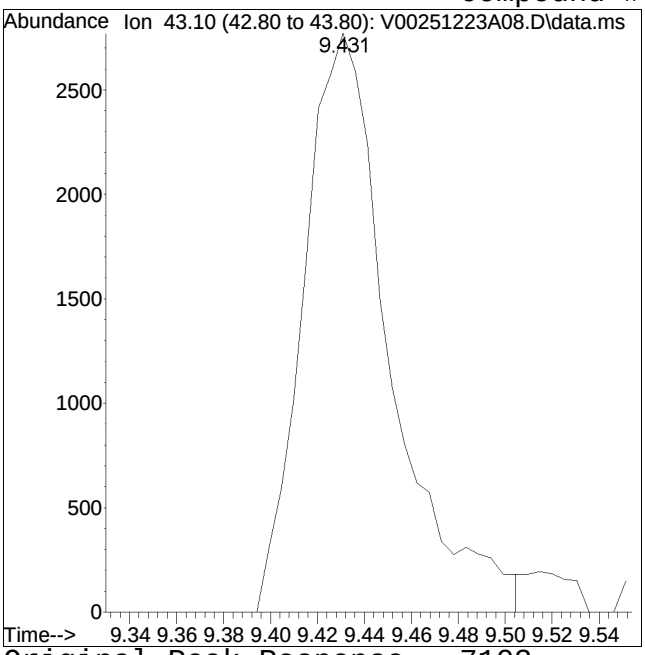
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

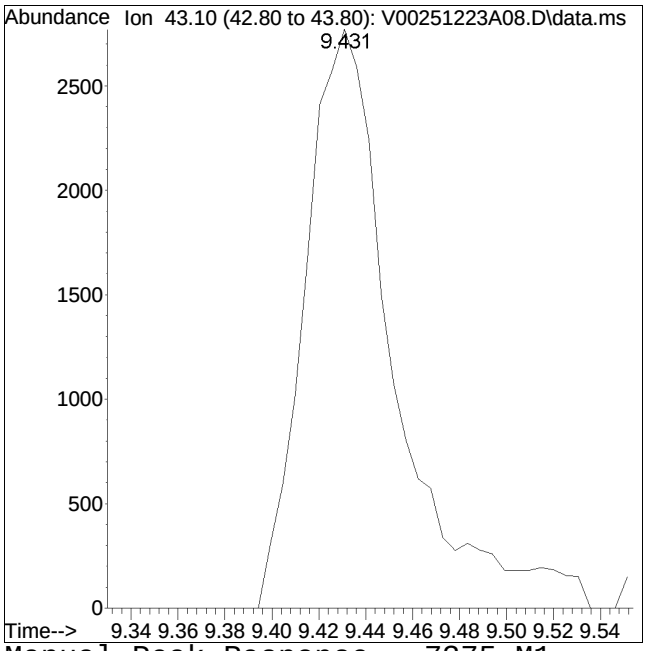
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A08.D
Date Inj'd : 12/23/2025 6:14 pm
Sample : I8260STD4PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:37 am

Compound #73: 2-Hexanone



Original Peak Response = 7103



Manual Peak Response = 7375 M1

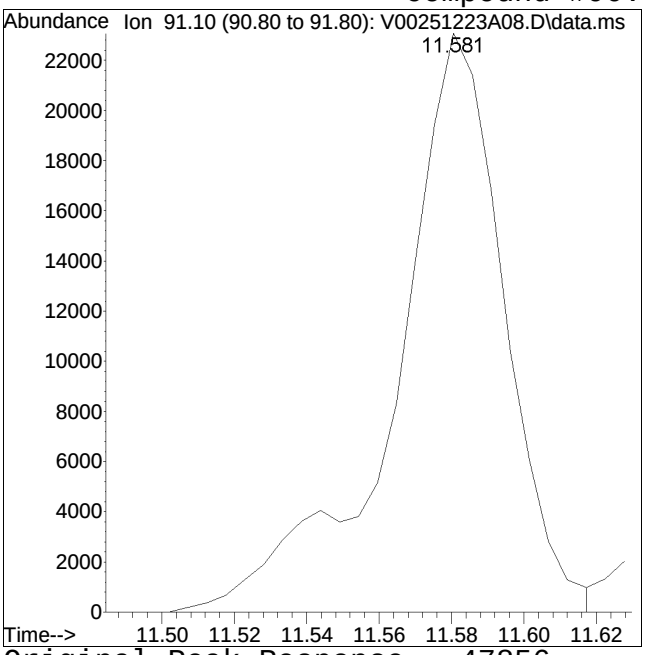
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

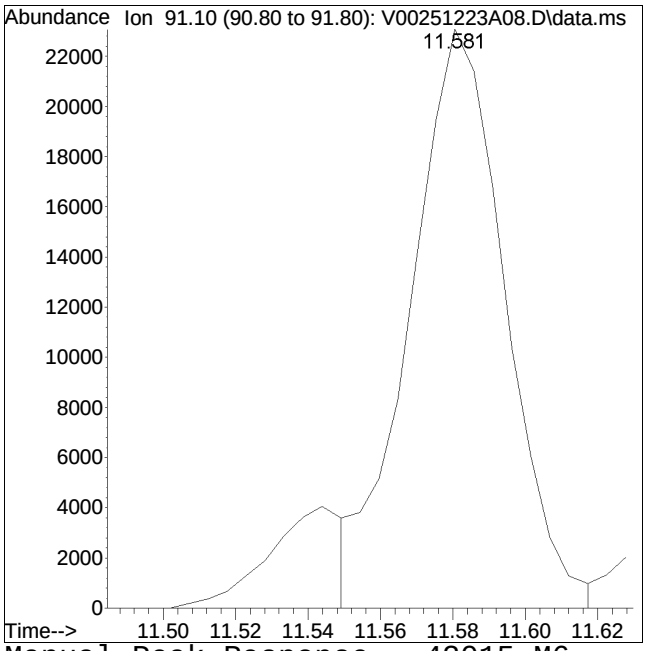
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A08.D
Date Inj'd : 12/23/2025 6:14 pm
Sample : I8260STD4PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:37 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 47856



Manual Peak Response = 42015 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A09.D
Acq On : 23 Dec 2025 06:40 pm
Operator : VOA100:JIC
Sample : I8260STD20PPB
Misc : WG2158227,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 24 07:49:01 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	219176	20.000	ug/L	0.00
Standard Area 1 = 219329			Recovery = 99.93%			
60) Chlorobenzene-d5	9.793	117	172332	20.000	ug/L	0.00
Standard Area 1 = 172328			Recovery = 100.00%			
80) 1,4-Dichlorobenzene-d4	12.456	152	101371	20.000	ug/L	0.00
Standard Area 1 = 102487			Recovery = 98.91%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.410	113	59847	19.830	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.15%			
44) 1,2-Dichloroethane-d4	5.934	65	58797	20.350	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.75%			
61) Toluene-d8	7.937	98	223097	19.965	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.83%			
84) 4-Bromofluorobenzene	11.261	95	80536	20.115	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.57%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.787	85	60579	17.543	ug/L #	84
3) Chloromethane	2.012	50	63561	18.344	ug/L	98
4) Vinyl chloride	2.054	62	65204	18.234	ug/L	87
5) Bromomethane	2.379	94	32764	18.092	ug/L	99
6) Chloroethane	2.500	64	41906	18.512	ug/L	84
7) Trichlorofluoromethane	2.646	101	85250	17.559	ug/L	98
8) Ethyl ether	2.951	74	33586	19.454	ug/L	88
10) 1,1-Dichloroethene	3.150	96	51855	17.590	ug/L	87
11) Carbon disulfide	3.186	76	193868	18.629	ug/L	100
12) Freon-113	3.192	101	50141	17.086	ug/L	86
14) Acrolein	3.454	56	5146	20.175	ug/L	96
15) Methylene chloride	3.700	84	65522	19.600	ug/L	84
17) Acetone	3.732	43	29609	20.373	ug/L	90
18) trans-1,2-Dichloroethene	3.863	96	61426	18.626	ug/L	95
19) Methyl acetate	3.858	43	38676	20.016	ug/L #	82
20) Methyl tert-butyl ether	3.957	73	179034	19.777	ug/L	94
21) tert-Butyl alcohol	4.025	59	36553	108.596	ug/L	94
22) Diisopropyl ether	4.324	45	197879	19.218	ug/L	94
23) 1,1-Dichloroethane	4.445	63	111740	19.070	ug/L	99
24) Halothane	4.487	117	46134	17.979	ug/L	99
25) Acrylonitrile	4.471	53	20234	20.587	ug/L #	90

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A09.D
Acq On : 23 Dec 2025 06:40 pm
Operator : VOA100:JIC
Sample : I8260STD20PPB
Misc : WG2158227,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 24 07:49:01 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	184865	19.230	ug/L	#	76
27) Vinyl acetate	4.670	43	157208	19.687	ug/L	#	93
28) cis-1,2-Dichloroethene	4.969	96	69303	19.117	ug/L		96
29) 2,2-Dichloropropane	5.074	77	91060	18.553	ug/L		88
31) Bromochloromethane	5.163	128	35397	19.931	ug/L		93
32) Cyclohexane	5.189	56	92337	17.228	ug/L		97
33) Chloroform	5.231	83	118275	19.192	ug/L		98
34) Ethyl acetate	5.331	43	60545	20.680	ug/L	#	90
35) Carbon tetrachloride	5.383	117	86634	17.431	ug/L		99
36) Tetrahydrofuran	5.383	42	20041	21.914	ug/L	#	80
38) 1,1,1-Trichloroethane	5.441	97	94572	17.931	ug/L		97
40) 2-Butanone	5.509	43	25328	19.673	ug/L		98
41) 1,1-Dichloropropene	5.567	75	79389	18.236	ug/L		98
42) Benzene	5.813	78	235536	19.033	ug/L		97
43) tert-Amyl methyl ether	5.923	73	172198	19.573	ug/L		95
45) 1,2-Dichloroethane	6.002	62	83849	19.756	ug/L		99
48) Methyl cyclohexane	6.421	83	97073	17.026	ug/L		96
49) Trichloroethene	6.416	95	63593	18.490	ug/L		93
51) Dibromomethane	6.846	93	40904	19.683	ug/L	#	89
52) 1,2-Dichloropropane	6.951	63	62973	19.270	ug/L		98
54) 2-Chloroethyl vinyl ether	7.643	63	35335	19.894	ug/L	#	100
55) Bromodichloromethane	7.024	83	91957	19.431	ug/L		99
58) 1,4-Dioxane	7.224	88	30543	1041.392	ug/L	#	94
59) cis-1,3-Dichloropropene	7.716	75	107066	19.388	ug/L	#	84
62) Toluene	7.994	92	152904	18.875	ug/L		95
63) 4-Methyl-2-pentanone	8.409	58	20601	19.423	ug/L	#	50
64) Tetrachloroethene	8.456	166	71981	17.744	ug/L		93
66) trans-1,3-Dichloropropene	8.466	75	95861	19.364	ug/L		89
68) Ethyl methacrylate	8.660	69	77578	19.622	ug/L		91
69) 1,1,2-Trichloroethane	8.655	83	45627	19.719	ug/L		99
70) Chlorodibromomethane	8.875	129	74146	19.472	ug/L		98
71) 1,3-Dichloropropane	8.975	76	92511	19.751	ug/L		99
72) 1,2-Dibromoethane	9.153	107	57093	19.585	ug/L		98
73) 2-Hexanone	9.420	43	40329	19.812	ug/L	#	81
74) Chlorobenzene	9.808	112	178435	19.208	ug/L		97
75) Ethylbenzene	9.856	91	286299	18.685	ug/L		98
76) 1,1,1,2-Tetrachloroethane	9.898	131	67704	19.044	ug/L		100
77) p/m Xylene	10.039	106	228149	37.364	ug/L		98
78) o Xylene	10.569	106	228711	38.394	ug/L		97
79) Styrene	10.632	104	393105	38.705	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A09.D
Acq On : 23 Dec 2025 06:40 pm
Operator : VOA100:JIC
Sample : I8260STD20PPB
Misc : WG2158227,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 24 07:49:01 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.653	173	51844	19.581	ug/L	97
83) Isopropylbenzene	10.946	105	292354	18.531	ug/L	97
85) Bromobenzene	11.371	156	83672	19.558	ug/L	99
86) n-Propylbenzene	11.418	91	337351	18.651	ug/L	96
87) 1,4-Dichlorobutane	11.418	55	96332	20.166	ug/L	98
88) 1,1,2,2-Tetrachloroethane	11.486	83	73535	20.167	ug/L	98
89) 4-Ethyltoluene	11.544	105	291898	18.919	ug/L	98
90) 2-Chlorotoluene	11.581	91	202699M6	19.393	ug/L	
91) 1,3,5-Trimethylbenzene	11.638	105	253179	19.057	ug/L	97
92) 1,2,3-Trichloropropane	11.623	75	58176	20.197	ug/L	97
93) trans-1,4-Dichloro-2-b...	11.675	53	23144	20.181	ug/L	97
94) 4-Chlorotoluene	11.759	91	212357	19.495	ug/L	96
95) tert-Butylbenzene	11.979	119	214325	18.333	ug/L	96
98) 1,2,4-Trimethylbenzene	12.052	105	252892	19.273	ug/L	98
99) sec-Butylbenzene	12.168	105	321175	18.432	ug/L	99
100) p-Isopropyltoluene	12.320	119	280047	18.567	ug/L	98
101) 1,3-Dichlorobenzene	12.383	146	158472	19.691	ug/L	98
102) 1,4-Dichlorobenzene	12.472	146	161259	20.003	ug/L	98
103) p-Diethylbenzene	12.692	119	169169	18.559	ug/L	98
104) n-Butylbenzene	12.745	91	250449	18.683	ug/L	98
105) 1,2-Dichlorobenzene	12.891	146	150820	19.930	ug/L	98
106) 1,2,4,5-Tetramethylben...	13.479	119	259218	19.095	ug/L	98
107) 1,2-Dibromo-3-chloropr...	13.662	155	15119	20.314	ug/L	88
108) 1,3,5-Trichlorobenzene	13.709	180	128410	19.873	ug/L	96
109) Hexachlorobutadiene	14.286	225	62892	18.394	ug/L	98
110) 1,2,4-Trichlorobenzene	14.302	180	113247	19.941	ug/L	97
111) Naphthalene	14.595	128	229827	20.062	ug/L	100
112) 1,2,3-Trichlorobenzene	14.763	180	104697	19.826	ug/L	98

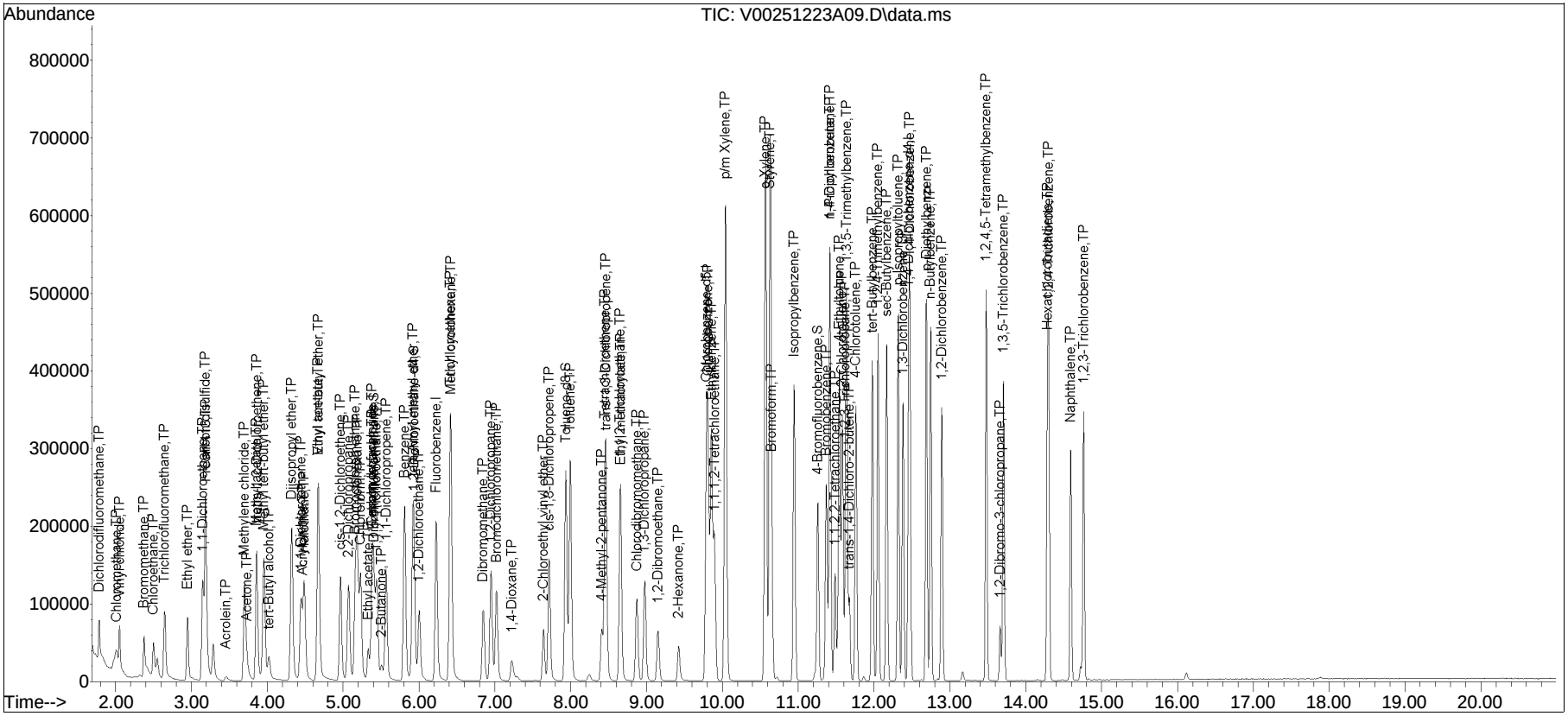
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A09.D
Acq On : 23 Dec 2025 06:40 pm
Operator : VOA100:JIC
Sample : I8260STD20PPB
Misc : WG2158227,ICAL
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 24 07:49:01 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

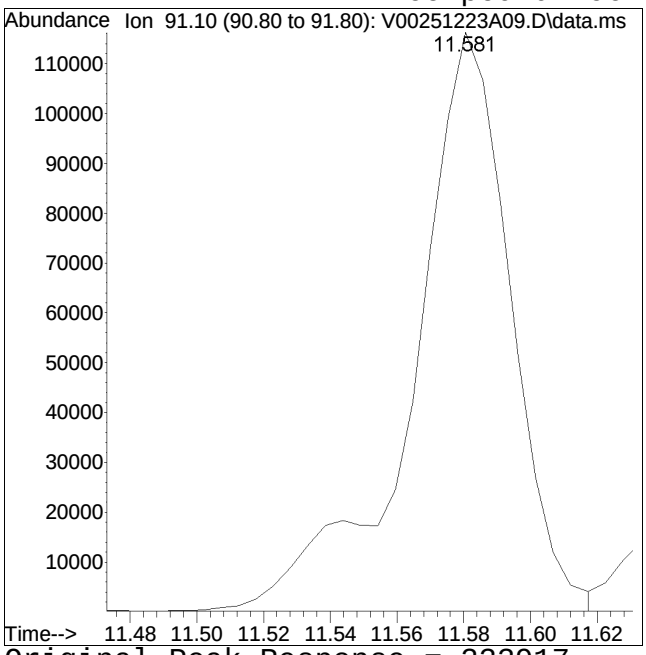
Sub List : 8260-CurveSoil - Megamix plus Diox23A10.D•



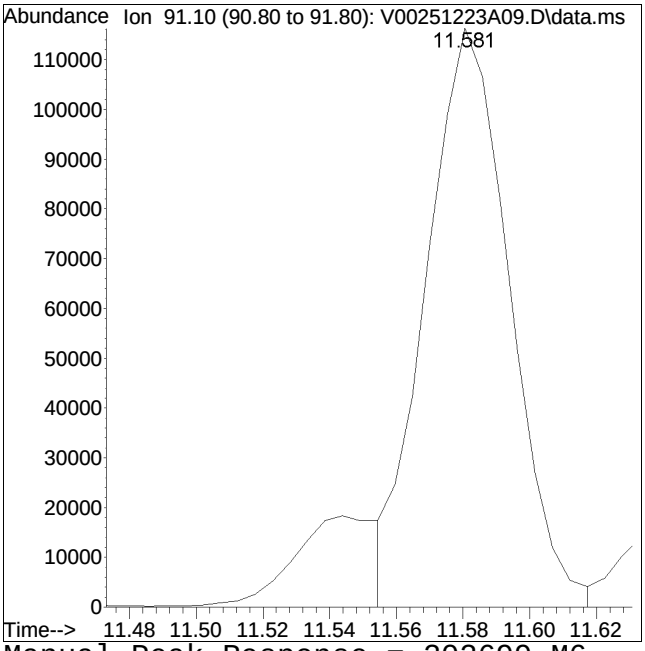
Manual Integration Report

Data Path	: K:\VOA100\2025\251223A\	QMethod	: V100_251223A_8260.m
Data File	: V00251223A09.D	Operator	: VOA100:JIC
Date Inj'd	: 12/23/2025 6:40 pm	Instrument	: VOA100
Sample	: I8260STD20PPB	Quant Date	: 12/24/2025 7:37 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 233917



Manual Peak Response = 202699 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A10.D
Acq On : 23 Dec 2025 07:06 pm
Operator : VOA100:JIC
Sample : I8260STD40PPB
Misc : WG2158227,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 24 07:36:00 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	219329	20.000	ug/L	0.00
Standard Area 1 = 219329			Recovery = 100.00%			
60) Chlorobenzene-d5	9.793	117	172328	20.000	ug/L	0.00
Standard Area 1 = 172328			Recovery = 100.00%			
80) 1,4-Dichlorobenzene-d4	12.456	152	102487	20.000	ug/L	0.00
Standard Area 1 = 102487			Recovery = 100.00%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	60402	18.115	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 90.57%			
44) 1,2-Dichloroethane-d4	5.934	65	57827	19.181	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 95.91%			
61) Toluene-d8	7.936	98	223486	21.458	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.29%			
84) 4-Bromofluorobenzene	11.255	95	80956	20.445	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.23%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.781	85	138227	41.897	ug/L #	80
3) Chloromethane	2.012	50	138697	37.929	ug/L	96
4) Vinyl chloride	2.054	62	143140	28.315	ug/L	85
5) Bromomethane	2.379	94	72490	13.970	ug/L	100
6) Chloroethane	2.499	64	90614	22.418	ug/L	87
7) Trichlorofluoromethane	2.646	101	194337	34.815	ug/L	98
8) Ethyl ether	2.950	74	69105	36.147	ug/L	88
10) 1,1-Dichloroethene	3.150	96	118001	39.727	ug/L	85
11) Carbon disulfide	3.186	76	416566	39.570	ug/L	100
12) Freon-113	3.192	101	117468	41.780	ug/L	87
14) Acrolein	3.454	56	10210	24.193	ug/L	97
15) Methylene chloride	3.700	84	133810	37.223	ug/L	85
17) Acetone	3.726	43	58175	35.304	ug/L	91
18) trans-1,2-Dichloroethene	3.863	96	132006	37.694	ug/L	95
19) Methyl acetate	3.852	43	77346	40.285	ug/L #	83
20) Methyl tert-butyl ether	3.957	73	362361	38.466	ug/L	95
21) tert-Butyl alcohol	4.020	59	67366	190.715	ug/L	88
22) Diisopropyl ether	4.324	45	412153	43.212	ug/L	94
23) 1,1-Dichloroethane	4.445	63	234540	38.730	ug/L	98
24) Halothane	4.487	117	102714	40.556	ug/L	99
25) Acrylonitrile	4.466	53	39342	42.809	ug/L	94

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A10.D
Acq On : 23 Dec 2025 07:06 pm
Operator : VOA100:JIC
Sample : I8260STD40PPB
Misc : WG2158227,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 24 07:36:00 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.670	59	384813	43.486	ug/L	#	77
27) Vinyl acetate	4.670	43	319645	45.784	ug/L	#	93
28) cis-1,2-Dichloroethene	4.964	96	145113	37.826	ug/L		95
29) 2,2-Dichloropropane	5.074	77	196458	39.378	ug/L		87
31) Bromochloromethane	5.163	128	71088	37.278	ug/L		94
32) Cyclohexane	5.189	56	214537	47.975	ug/L		97
33) Chloroform	5.231	83	246677	37.800	ug/L		98
34) Ethyl acetate	5.331	43	117192	41.715	ug/L	#	90
35) Carbon tetrachloride	5.388	117	198942	42.184	ug/L		99
36) Tetrahydrofuran	5.383	42	36607	37.005	ug/L	#	85
38) 1,1,1-Trichloroethane	5.441	97	211121	42.756	ug/L		97
40) 2-Butanone	5.509	43	51533	41.986	ug/L		96
41) 1,1-Dichloropropene	5.567	75	174262	43.973	ug/L		97
42) Benzene	5.813	78	495351	38.613	ug/L		97
43) tert-Amyl methyl ether	5.923	73	352146	38.813	ug/L		96
45) 1,2-Dichloroethane	6.007	62	169886	41.188	ug/L		100
48) Methyl cyclohexane	6.421	83	228217	41.390	ug/L		96
49) Trichloroethene	6.416	95	137667	38.679	ug/L		93
51) Dibromomethane	6.846	93	83182	37.336	ug/L	#	88
52) 1,2-Dichloropropane	6.951	63	130809	39.389	ug/L		99
54) 2-Chloroethyl vinyl ether	7.643	63	71096	39.024	ug/L	#	100
55) Bromodichloromethane	7.024	83	189436	38.419	ug/L		100
58) 1,4-Dioxane	7.223	88	58699	2106.390	ug/L	#	94
59) cis-1,3-Dichloropropene	7.716	75	221041	40.543	ug/L	#	85
62) Toluene	7.999	92	324019	46.782	ug/L		95
63) 4-Methyl-2-pentanone	8.408	58	42425	50.846	ug/L	#	56
64) Tetrachloroethene	8.456	166	162259	54.660	ug/L		92
66) trans-1,3-Dichloropropene	8.466	75	198018	47.711	ug/L		89
68) Ethyl methacrylate	8.660	69	158143	48.989	ug/L		91
69) 1,1,2-Trichloroethane	8.655	83	92554	44.186	ug/L		100
70) Chlorodibromomethane	8.870	129	152307	47.405	ug/L		98
71) 1,3-Dichloropropane	8.975	76	187353	46.594	ug/L		100
72) 1,2-Dibromoethane	9.153	107	116605	47.034	ug/L		99
73) 2-Hexanone	9.420	43	81422	50.955	ug/L	#	82
74) Chlorobenzene	9.813	112	371568	44.668	ug/L		98
75) Ethylbenzene	9.855	91	612885	44.994	ug/L		98
76) 1,1,1,2-Tetrachloroethane	9.897	131	142199	48.102	ug/L		99
77) p/m Xylene	10.044	106	488475	89.411	ug/L		97
78) o Xylene	10.568	106	476544	87.885	ug/L		97
79) Styrene	10.631	104	812496	87.180	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A10.D
Acq On : 23 Dec 2025 07:06 pm
Operator : VOA100:JIC
Sample : I8260STD40PPB
Misc : WG2158227,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 24 07:36:00 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.652	173	107072	44.240	ug/L	100
83) Isopropylbenzene	10.946	105	638010	44.871	ug/L	97
85) Bromobenzene	11.371	156	173011	47.387	ug/L	99
86) n-Propylbenzene	11.418	91	731460	42.637	ug/L	95
87) 1,4-Dichlorobutane	11.418	55	193185	47.662	ug/L	100
88) 1,1,2,2-Tetrachloroethane	11.486	83	147460	42.066	ug/L	97
89) 4-Ethyltoluene	11.544	105	623936	44.576	ug/L	97
90) 2-Chlorotoluene	11.580	91	422696M6	43.362	ug/L	
91) 1,3,5-Trimethylbenzene	11.638	105	537272	44.517	ug/L	97
92) 1,2,3-Trichloropropane	11.628	75	116486	42.182	ug/L	98
93) trans-1,4-Dichloro-2-b...	11.675	53	46378	50.612	ug/L	98
94) 4-Chlorotoluene	11.764	91	440510	43.721	ug/L	96
95) tert-Butylbenzene	11.979	119	472775	44.298	ug/L	96
98) 1,2,4-Trimethylbenzene	12.052	105	530639	44.696	ug/L	98
99) sec-Butylbenzene	12.168	105	704659	44.837	ug/L	99
100) p-Isopropyltoluene	12.320	119	609950	43.895	ug/L	98
101) 1,3-Dichlorobenzene	12.383	146	325461	44.803	ug/L	98
102) 1,4-Dichlorobenzene	12.472	146	326018	44.388	ug/L	97
103) p-Diethylbenzene	12.692	119	368621	44.194	ug/L	97
104) n-Butylbenzene	12.750	91	542100	44.530	ug/L	97
105) 1,2-Dichlorobenzene	12.891	146	306025	45.214	ug/L	97
106) 1,2,4,5-Tetramethylben...	13.478	119	548998	43.811	ug/L	98
107) 1,2-Dibromo-3-chloropr...	13.667	155	30098	47.859	ug/L	92
108) 1,3,5-Trichlorobenzene	13.709	180	261303	51.360	ug/L	97
109) Hexachlorobutadiene	14.286	225	138270	62.987	ug/L	98
110) 1,2,4-Trichlorobenzene	14.302	180	229662	50.524	ug/L	98
111) Naphthalene	14.595	128	463275	43.412	ug/L	100
112) 1,2,3-Trichlorobenzene	14.763	180	213553	52.135	ug/L	98

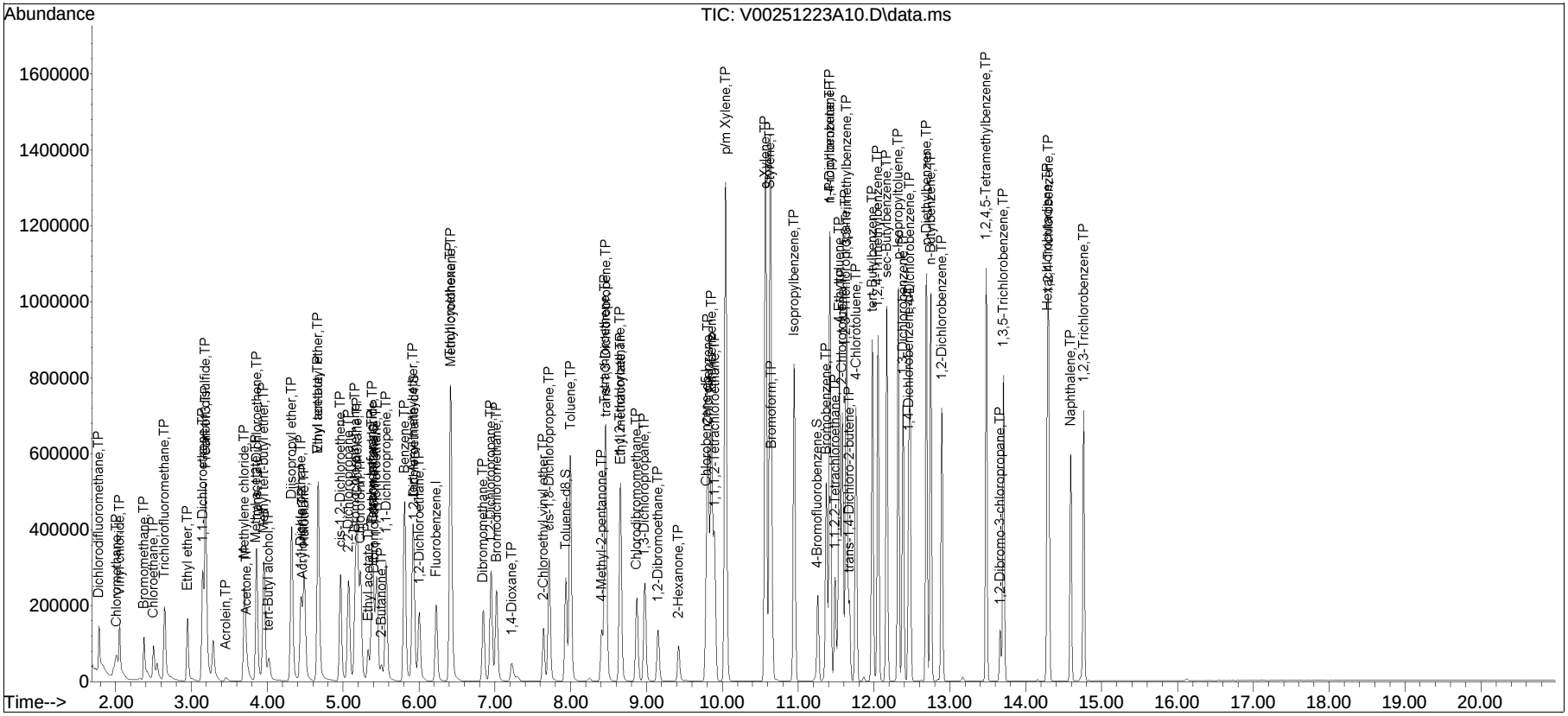
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A10.D
Acq On : 23 Dec 2025 07:06 pm
Operator : VOA100:JIC
Sample : I8260STD40PPB
Misc : WG2158227,ICAL
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 24 07:36:00 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Mon Oct 27 09:00:40 2025
Response via : Initial Calibration

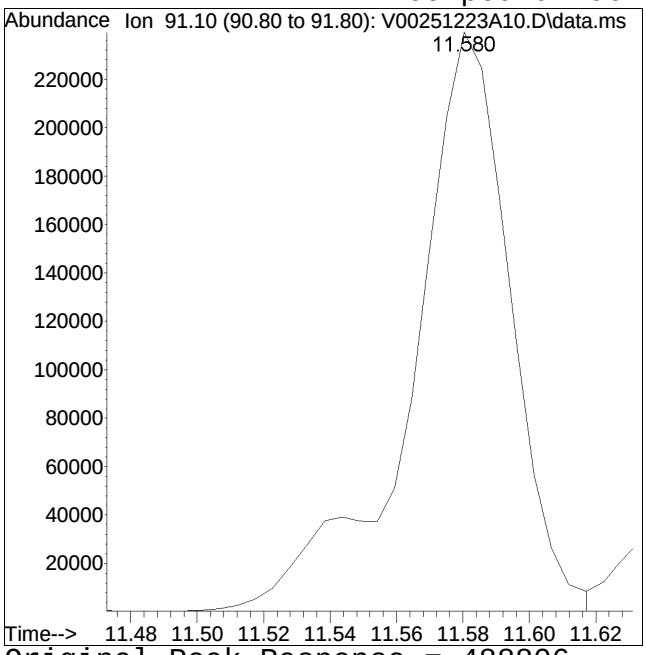
Sub List : 8260-CurveSoil - Megamix plus Diox23A10.D•



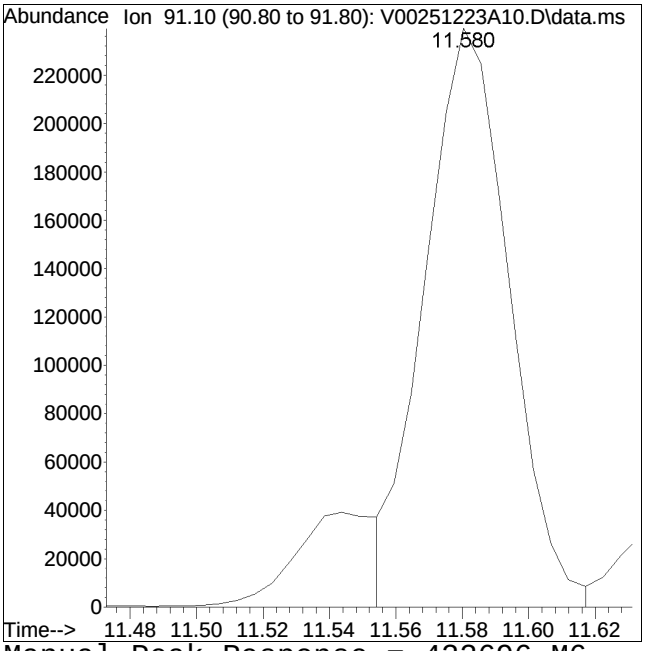
Manual Integration Report

Data Path	: K:\VOA100\2025\251223A\	QMethod	: V100_251223A_8260.m
Data File	: V00251223A10.D	Operator	: VOA100:JIC
Date Inj'd	: 12/23/2025 7:06 pm	Instrument	: VOA100
Sample	: I8260STD40PPB	Quant Date	: 12/24/2025 7:34 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 488806



Manual Peak Response = 422696 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A11.D
Acq On : 23 Dec 2025 07:32 pm
Operator : VOA100:JIC
Sample : I8260STD100PPB
Misc : WG2158227,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 24 07:55:09 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	215905	20.000	ug/L	0.00
Standard Area 1 = 219329			Recovery = 98.44%			
60) Chlorobenzene-d5	9.793	117	172894	20.000	ug/L	0.00
Standard Area 1 = 172328			Recovery = 100.33%			
80) 1,4-Dichlorobenzene-d4	12.461	152	99429	20.000	ug/L	0.00
Standard Area 1 = 102487			Recovery = 97.02%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.404	113	58450	19.661	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.31%			
44) 1,2-Dichloroethane-d4	5.934	65	57607	20.240	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.20%			
61) Toluene-d8	7.937	98	221656	19.771	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.86%			
84) 4-Bromofluorobenzene	11.261	95	79574	20.263	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 101.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.781	85	322593	94.832	ug/L #	82
3) Chloromethane	2.012	50	327728	96.015	ug/L	97
4) Vinyl chloride	2.054	62	333066	94.550	ug/L	85
5) Bromomethane	2.374	94	182537	102.321	ug/L	100
6) Chloroethane	2.494	64	213216	95.613	ug/L	88
7) Trichlorofluoromethane	2.646	101	456538M1	95.459	ug/L	
8) Ethyl ether	2.950	74	169687	99.777	ug/L	88
10) 1,1-Dichloroethene	3.150	96	277254	95.474	ug/L	86
11) Carbon disulfide	3.186	76	965629	94.193	ug/L	100
12) Freon-113	3.186	101	273178	94.497	ug/L	86
14) Acrolein	3.454	56	25126	99.998	ug/L	94
15) Methylene chloride	3.700	84	320536	97.338	ug/L	86
17) Acetone	3.726	43	135760	94.826	ug/L	91
18) trans-1,2-Dichloroethene	3.863	96	314775	96.895	ug/L	95
19) Methyl acetate	3.852	43	190331	99.992	ug/L #	83
20) Methyl tert-butyl ether	3.957	73	887629	99.537	ug/L	95
21) tert-Butyl alcohol	4.020	59	168753	508.949	ug/L	89
22) Diisopropyl ether	4.324	45	1001690	98.757	ug/L	94
23) 1,1-Dichloroethane	4.445	63	555406	96.225	ug/L	98
24) Halothane	4.487	117	243102	96.173	ug/L	99
25) Acrylonitrile	4.471	53	95516	98.654	ug/L	92

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A11.D
Acq On : 23 Dec 2025 07:32 pm
Operator : VOA100:JIC
Sample : I8260STD100PPB
Misc : WG2158227,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 24 07:55:09 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.670	59	934090	98.635	ug/L	#	77
27) Vinyl acetate	4.670	43	788891	100.286	ug/L	#	93
28) cis-1,2-Dichloroethene	4.964	96	346953	97.153	ug/L		95
29) 2,2-Dichloropropane	5.074	77	466489	96.486	ug/L		88
31) Bromochloromethane	5.158	128	169361	96.808	ug/L		96
32) Cyclohexane	5.184	56	501194	94.929	ug/L		97
33) Chloroform	5.231	83	581351	95.764	ug/L		98
34) Ethyl acetate	5.331	43	289657	100.434	ug/L	#	90
35) Carbon tetrachloride	5.383	117	461451	94.252	ug/L		98
36) Tetrahydrofuran	5.378	42	90083	99.994	ug/L	#	84
38) 1,1,1-Trichloroethane	5.446	97	491316	94.563	ug/L		97
40) 2-Butanone	5.509	43	125348M4	98.838	ug/L		
41) 1,1-Dichloropropene	5.567	75	410894	95.812	ug/L		98
42) Benzene	5.813	78	1178770	96.696	ug/L		97
43) tert-Amyl methyl ether	5.923	73	856646	98.849	ug/L		96
45) 1,2-Dichloroethane	6.002	62	406999	97.348	ug/L		99
48) Methyl cyclohexane	6.421	83	542420	96.579	ug/L		96
49) Trichloroethene	6.411	95	329482	97.251	ug/L		93
51) Dibromomethane	6.846	93	200761	98.072	ug/L	#	88
52) 1,2-Dichloropropane	6.951	63	312670	97.127	ug/L		98
54) 2-Chloroethyl vinyl ether	7.643	63	180979	103.437	ug/L	#	100
55) Bromodichloromethane	7.024	83	458089	98.261	ug/L		99
58) 1,4-Dioxane	7.224	88	141340	4892.127	ug/L	#	95
59) cis-1,3-Dichloropropene	7.716	75	536229	98.576	ug/L	#	84
62) Toluene	7.994	92	777035	95.611	ug/L		95
63) 4-Methyl-2-pentanone	8.408	58	105433	99.081	ug/L	#	57
64) Tetrachloroethene	8.456	166	388792	95.531	ug/L		92
66) trans-1,3-Dichloropropene	8.466	75	484358	97.521	ug/L		90
68) Ethyl methacrylate	8.660	69	380959	96.043	ug/L		91
69) 1,1,2-Trichloroethane	8.655	83	224059	96.517	ug/L		100
70) Chlorodibromomethane	8.875	129	372278	97.450	ug/L		98
71) 1,3-Dichloropropane	8.980	76	452752	96.346	ug/L		99
72) 1,2-Dibromoethane	9.153	107	284145	97.154	ug/L		98
73) 2-Hexanone	9.420	43	199143	97.512	ug/L	#	82
74) Chlorobenzene	9.814	112	897131	96.262	ug/L		97
75) Ethylbenzene	9.856	91	1467573	95.468	ug/L		98
76) 1,1,1,2-Tetrachloroethane	9.892	131	346878	97.256	ug/L		99
77) p/m Xylene	10.044	106	1159126	189.214	ug/L		97
78) o Xylene	10.574	106	1143181	191.284	ug/L		97
79) Styrene	10.632	104	1940949	190.484	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A11.D
Acq On : 23 Dec 2025 07:32 pm
Operator : VOA100:JIC
Sample : I8260STD100PPB
Misc : WG2158227,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 24 07:55:09 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.652	173	263750	101.562	ug/L	99
83) Isopropylbenzene	10.946	105	1524380	98.510	ug/L	97
85) Bromobenzene	11.371	156	421263	100.391	ug/L	99
86) n-Propylbenzene	11.418	91	1725966	97.288	ug/L	95
87) 1,4-Dichlorobutane	11.418	55	467943	99.870	ug/L	100
88) 1,1,2,2-Tetrachloroethane	11.486	83	355963	99.528	ug/L	97
89) 4-Ethyltoluene	11.544	105	1482848	97.988	ug/L	97
90) 2-Chlorotoluene	11.580	91	1008786M6	98.398	ug/L	
91) 1,3,5-Trimethylbenzene	11.638	105	1274112	97.775	ug/L	97
92) 1,2,3-Trichloropropane	11.628	75	282632	100.038	ug/L	97
93) trans-1,4-Dichloro-2-b...	11.675	53	113291	100.716	ug/L	98
94) 4-Chlorotoluene	11.764	91	1050141	98.290	ug/L	96
95) tert-Butylbenzene	11.979	119	1122171	97.863	ug/L	96
98) 1,2,4-Trimethylbenzene	12.052	105	1263169	98.147	ug/L	98
99) sec-Butylbenzene	12.168	105	1666136	97.487	ug/L	98
100) p-Isopropyltoluene	12.320	119	1443213	97.556	ug/L	98
101) 1,3-Dichlorobenzene	12.383	146	782884	99.178	ug/L	98
102) 1,4-Dichlorobenzene	12.472	146	786453	99.460	ug/L	97
103) p-Diethylbenzene	12.692	119	874329	97.794	ug/L	98
104) n-Butylbenzene	12.750	91	1271305	96.691	ug/L	97
105) 1,2-Dichlorobenzene	12.891	146	740989	99.832	ug/L	97
106) 1,2,4,5-Tetramethylben...	13.478	119	1329649	99.858	ug/L	98
107) 1,2-Dibromo-3-chloropr...	13.667	155	73975	101.336	ug/L	93
108) 1,3,5-Trichlorobenzene	13.709	180	626191	98.805	ug/L	97
109) Hexachlorobutadiene	14.286	225	329849	98.356	ug/L	98
110) 1,2,4-Trichlorobenzene	14.302	180	556275	99.866	ug/L	98
111) Naphthalene	14.595	128	1135783	101.082	ug/L	100
112) 1,2,3-Trichlorobenzene	14.763	180	516789	99.775	ug/L	99

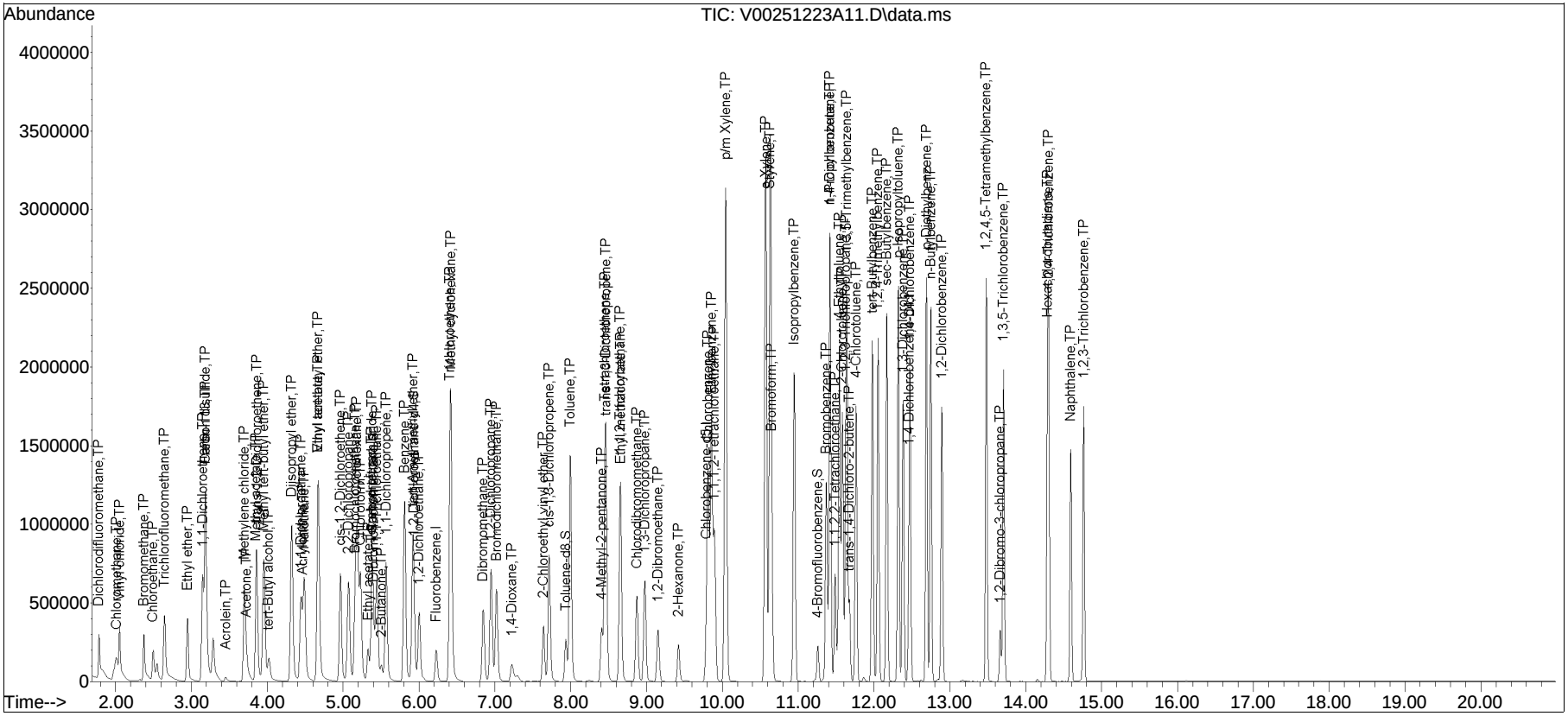
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A11.D
Acq On : 23 Dec 2025 07:32 pm
Operator : VOA100:JIC
Sample : I8260STD100PPB
Misc : WG2158227,ICAL
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 24 07:55:09 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox23A10.D•

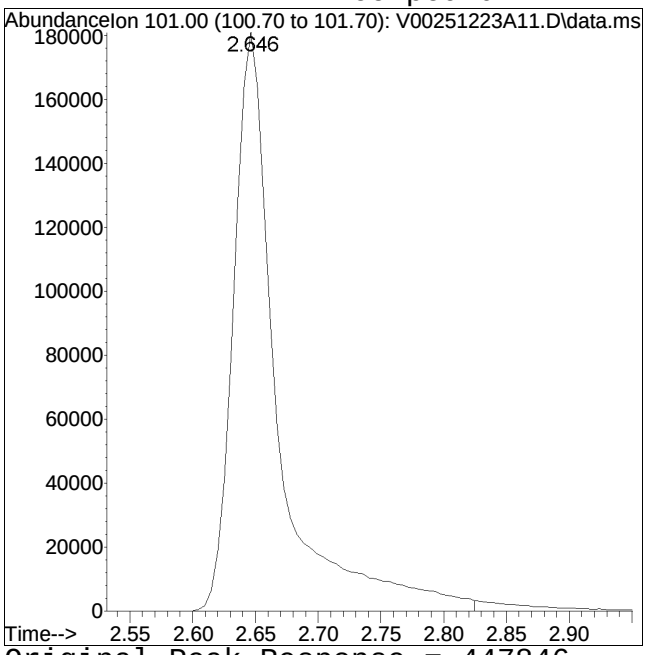


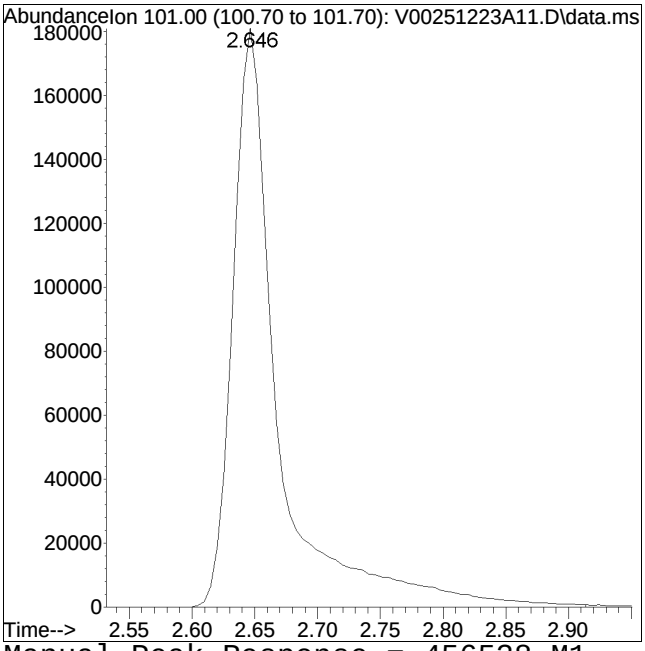
Manual Integration Report

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A11.D
Date Inj'd : 12/23/2025 7:32 pm
Sample : I8260STD100PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:52 am

Compound #7: Trichlorofluoromethane





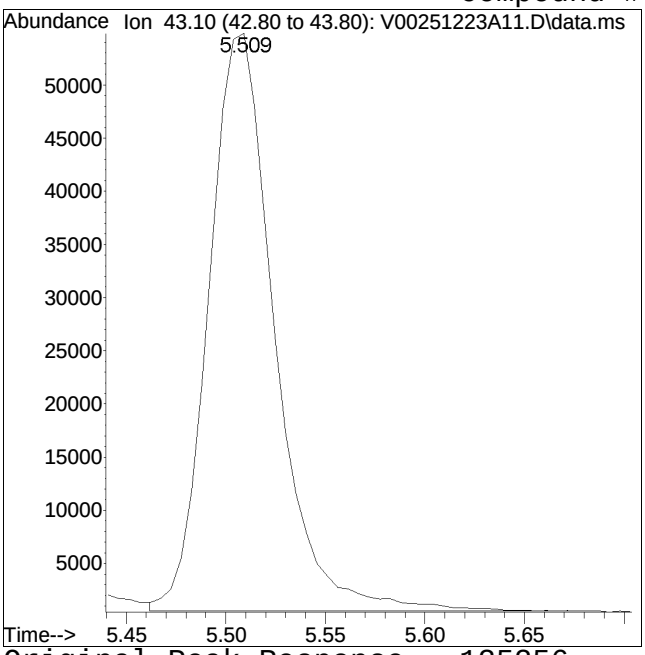
Original Peak Response = 447846 Manual Peak Response = 456538 M1

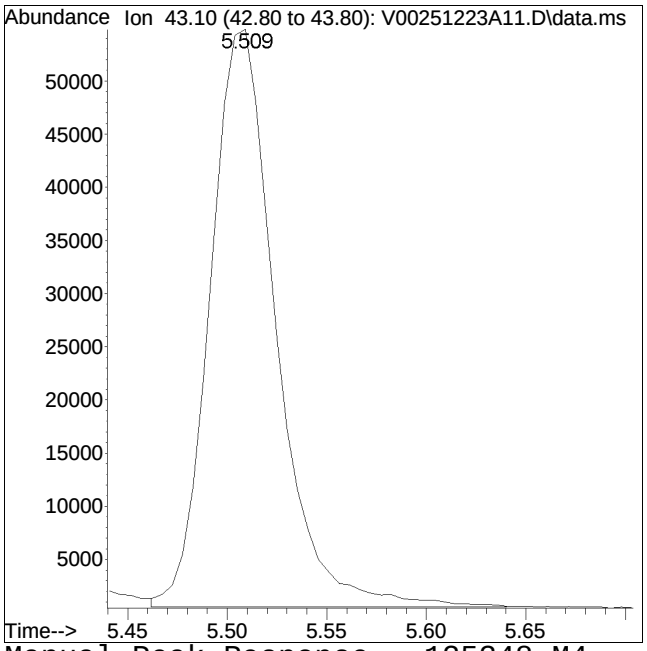
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

Data Path	: K:\VOA100\2025\251223A\	QMethod	: V100_251223A_8260.m
Data File	: V00251223A11.D	Operator	: VOA100:JIC
Date Inj'd	: 12/23/2025 7:32 pm	Instrument	: VOA100
Sample	: I8260STD100PPB	Quant Date	: 12/24/2025 7:52 am

Compound #40: 2-Butanone





Original Peak Response = 125256 Manual Peak Response = 125348 M4

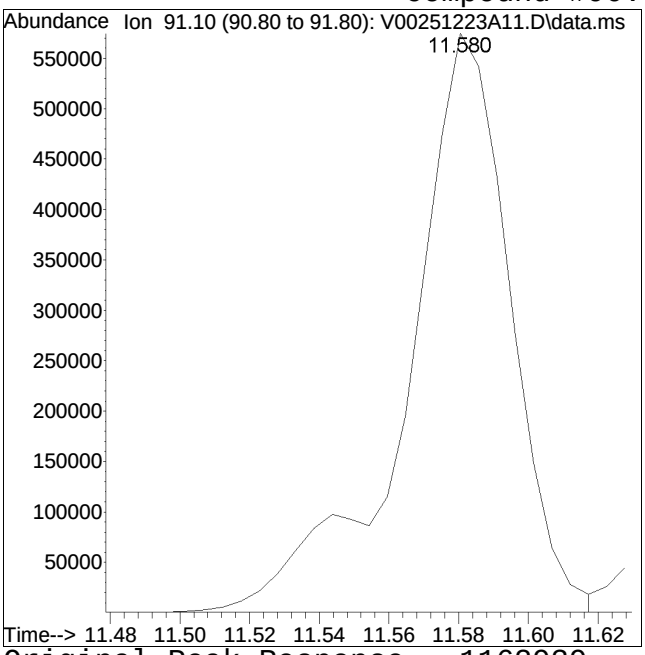
M4 = Poor automated baseline construction.

Manual Integration Report

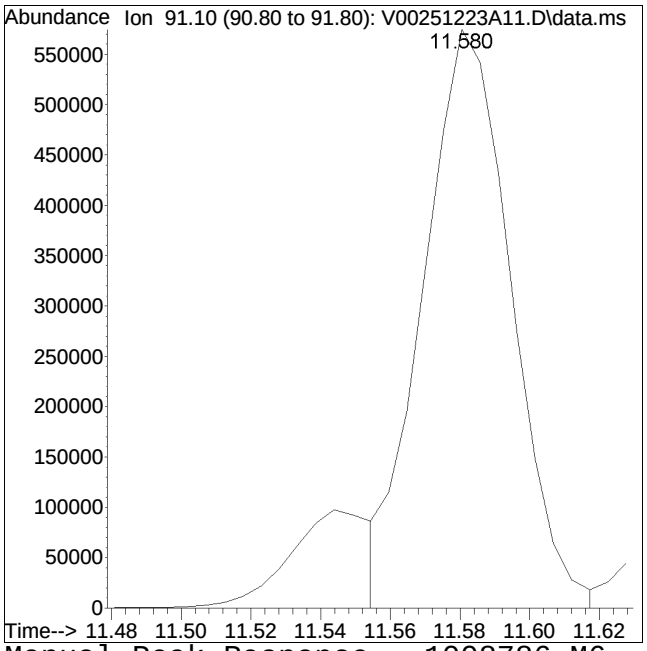
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A11.D
Date Inj'd : 12/23/2025 7:32 pm
Sample : I8260STD100PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:52 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 1162939



Manual Peak Response = 1008786 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A12.D
Acq On : 23 Dec 2025 07:58 pm
Operator : VOA100:JIC
Sample : I8260STD200PPB
Misc : WG2158227,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 24 07:51:59 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.233	96	223476	20.000	ug/L	0.00
Standard Area 1 = 219329			Recovery = 101.89%			
60) Chlorobenzene-d5	9.793	117	182647	20.000	ug/L	0.00
Standard Area 1 = 172328			Recovery = 105.99%			
80) 1,4-Dichlorobenzene-d4	12.461	152	104211	20.000	ug/L	0.00
Standard Area 1 = 102487			Recovery = 101.68%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	61916	20.121	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.60%			
44) 1,2-Dichloroethane-d4	5.934	65	63194	21.451	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.26%			
61) Toluene-d8	7.937	98	231228	19.524	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.62%			
84) 4-Bromofluorobenzene	11.261	95	85019	20.656	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.781	85	677807	192.503	ug/L #	84
3) Chloromethane	2.012	50	660454	186.939	ug/L	97
4) Vinyl chloride	2.054	62	692018	189.794	ug/L	85
5) Bromomethane	2.374	94	380829	206.242	ug/L	100
6) Chloroethane	2.484	64	407413	176.508	ug/L	89
7) Trichlorofluoromethane	2.641	101	968555M1	195.656	ug/L	
8) Ethyl ether	2.950	74	365591	207.688	ug/L	88
10) 1,1-Dichloroethene	3.150	96	579881	192.920	ug/L	86
11) Carbon disulfide	3.181	76	2002333	188.702	ug/L	100
12) Freon-113	3.186	101	582440	194.651	ug/L	86
14) Acrolein	3.454	56	54526	209.654	ug/L	94
15) Methylene chloride	3.700	84	661081	193.951	ug/L	86
17) Acetone	3.726	43	290557	196.074	ug/L	93
18) trans-1,2-Dichloroethene	3.863	96	650273	193.387	ug/L	95
19) Methyl acetate	3.852	43	415422	210.852	ug/L #	82
20) Methyl tert-butyl ether	3.957	73	1897799	205.605	ug/L	94
21) tert-Butyl alcohol	4.025	59	391463	1140.631	ug/L	90
22) Diisopropyl ether	4.324	45	2097437	199.782	ug/L	94
23) 1,1-Dichloroethane	4.445	63	1139361	190.708	ug/L	98
24) Halothane	4.487	117	508492	194.348	ug/L	100
25) Acrylonitrile	4.471	53	209767	209.318	ug/L #	91

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A12.D
Acq On : 23 Dec 2025 07:58 pm
Operator : VOA100:JIC
Sample : I8260STD200PPB
Misc : WG2158227,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 24 07:51:59 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	1972524	201.232	ug/L	#	76
27) Vinyl acetate	4.670	43	1693510	207.991	ug/L	#	94
28) cis-1,2-Dichloroethene	4.969	96	715354	193.526	ug/L		95
29) 2,2-Dichloropropane	5.074	77	972468	194.326	ug/L		88
31) Bromochloromethane	5.163	128	348036	192.200	ug/L		96
32) Cyclohexane	5.189	56	1049994	192.136	ug/L		97
33) Chloroform	5.231	83	1202634	191.395	ug/L		98
34) Ethyl acetate	5.331	43	641479	214.887	ug/L	#	90
35) Carbon tetrachloride	5.383	117	994087	196.166	ug/L		99
36) Tetrahydrofuran	5.383	42	197711	212.027	ug/L	#	85
38) 1,1,1-Trichloroethane	5.446	97	1021374	189.923	ug/L		97
40) 2-Butanone	5.509	43	279277	212.753	ug/L		98
41) 1,1-Dichloropropene	5.567	75	856224	192.890	ug/L		97
42) Benzene	5.813	78	2423742	192.087	ug/L		97
43) tert-Amyl methyl ether	5.923	73	1844129	205.586	ug/L		95
45) 1,2-Dichloroethane	6.007	62	855252	197.634	ug/L		99
48) Methyl cyclohexane	6.421	83	1142864	196.595	ug/L		96
49) Trichloroethene	6.416	95	694928	198.169	ug/L		93
51) Dibromomethane	6.846	93	429825	202.856	ug/L	#	88
52) 1,2-Dichloropropane	6.951	63	654420	196.401	ug/L		98
54) 2-Chloroethyl vinyl ether	7.643	63	398522	220.056	ug/L	#	100
55) Bromodichloromethane	7.024	83	962290	199.420	ug/L		99
58) 1,4-Dioxane	7.229	88	293334	9809.048	ug/L	#	94
59) cis-1,3-Dichloropropene	7.722	75	1129694	200.638	ug/L	#	84
62) Toluene	7.994	92	1634067	190.328	ug/L		94
63) 4-Methyl-2-pentanone	8.408	58	234373	208.492	ug/L	#	58
64) Tetrachloroethene	8.456	166	832809	193.705	ug/L		92
66) trans-1,3-Dichloropropene	8.466	75	1030597	196.421	ug/L		90
68) Ethyl methacrylate	8.660	69	829928	198.059	ug/L		91
69) 1,1,2-Trichloroethane	8.655	83	480700	196.012	ug/L		99
70) Chlorodibromomethane	8.875	129	804146	199.259	ug/L		99
71) 1,3-Dichloropropane	8.980	76	968389	195.071	ug/L		99
72) 1,2-Dibromoethane	9.153	107	617617	199.897	ug/L		98
73) 2-Hexanone	9.420	43	445084	206.302	ug/L	#	83
74) Chlorobenzene	9.814	112	1883191	191.276	ug/L		98
75) Ethylbenzene	9.855	91	3064480	188.704	ug/L		97
76) 1,1,1,2-Tetrachloroethane	9.897	131	735168	195.116	ug/L		99
77) p/m Xylene	10.044	106	2415052	373.179	ug/L		96
78) o Xylene	10.574	106	2385578	377.854	ug/L		96
79) Styrene	10.637	104	4021575	373.601	ug/L		100

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A12.D
Acq On : 23 Dec 2025 07:58 pm
Operator : VOA100:JIC
Sample : I8260STD200PPB
Misc : WG2158227,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 24 07:51:59 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.658	173	579872	213.045	ug/L	99
83) Isopropylbenzene	10.946	105	3167089	195.276	ug/L	97
85) Bromobenzene	11.371	156	890526	202.483	ug/L	99
86) n-Propylbenzene	11.423	91	3538307	190.292	ug/L	95
87) 1,4-Dichlorobutane	11.418	55	1014503	206.583	ug/L	100
88) 1,1,2,2-Tetrachloroethane	11.486	83	773658	206.391	ug/L	97
89) 4-Ethyltoluene	11.544	105	3038129	191.550	ug/L	97
90) 2-Chlorotoluene	11.586	91	2077521M6	193.345	ug/L	
91) 1,3,5-Trimethylbenzene	11.643	105	2596447	190.108	ug/L	97
92) 1,2,3-Trichloropropane	11.628	75	597955	201.934	ug/L	95
93) trans-1,4-Dichloro-2-b...	11.675	53	234721	199.093	ug/L	97
94) 4-Chlorotoluene	11.764	91	2172837	194.038	ug/L	96
95) tert-Butylbenzene	11.979	119	2298261	191.232	ug/L	97
98) 1,2,4-Trimethylbenzene	12.052	105	2579927	191.260	ug/L	98
99) sec-Butylbenzene	12.168	105	3365373	187.875	ug/L	98
100) p-Isopropyltoluene	12.320	119	2919396	188.284	ug/L	98
101) 1,3-Dichlorobenzene	12.383	146	1618826	195.666	ug/L	98
102) 1,4-Dichlorobenzene	12.477	146	1625341	196.118	ug/L	98
103) p-Diethylbenzene	12.692	119	1762557	188.095	ug/L	98
104) n-Butylbenzene	12.750	91	2555941	185.476	ug/L	97
105) 1,2-Dichlorobenzene	12.896	146	1533560	197.133	ug/L	97
106) 1,2,4,5-Tetramethylben...	13.484	119	2709232	194.129	ug/L	98
107) 1,2-Dibromo-3-chloropr...	13.667	155	159969	209.080	ug/L	92
108) 1,3,5-Trichlorobenzene	13.709	180	1270524	191.273	ug/L	97
109) Hexachlorobutadiene	14.286	225	658709	187.405	ug/L	98
110) 1,2,4-Trichlorobenzene	14.302	180	1150542	197.074	ug/L	98
111) Naphthalene	14.595	128	2418784	205.387	ug/L	100
112) 1,2,3-Trichlorobenzene	14.763	180	1060903	195.427	ug/L	99

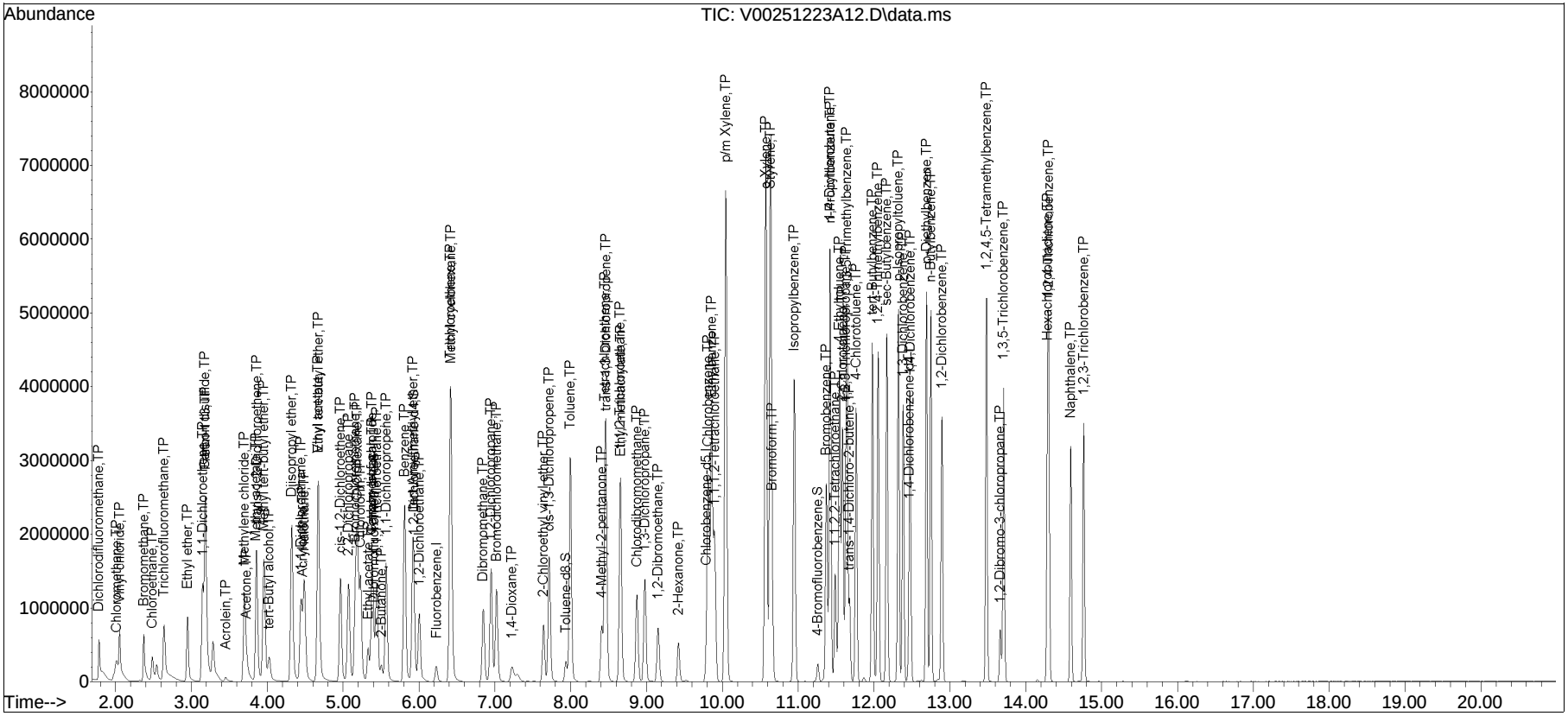
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A12.D
Acq On : 23 Dec 2025 07:58 pm
Operator : VOA100:JIC
Sample : I8260STD200PPB
Misc : WG2158227,ICAL
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 24 07:51:59 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox23A10.D•

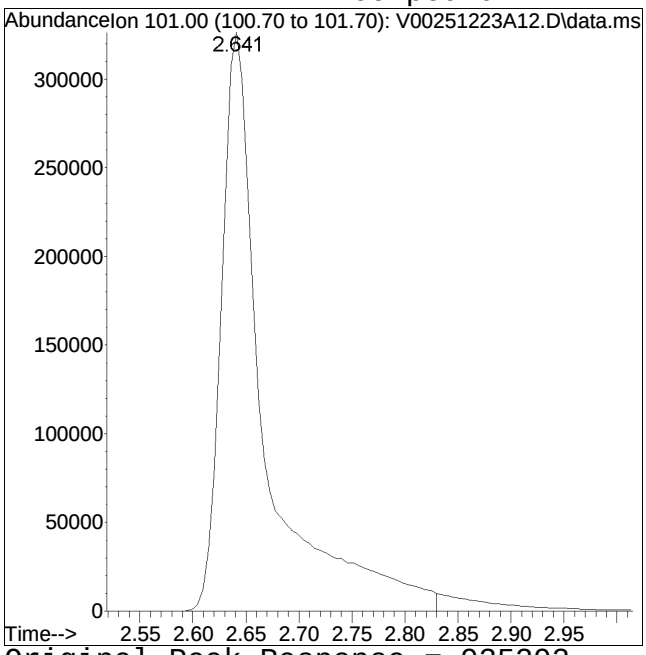


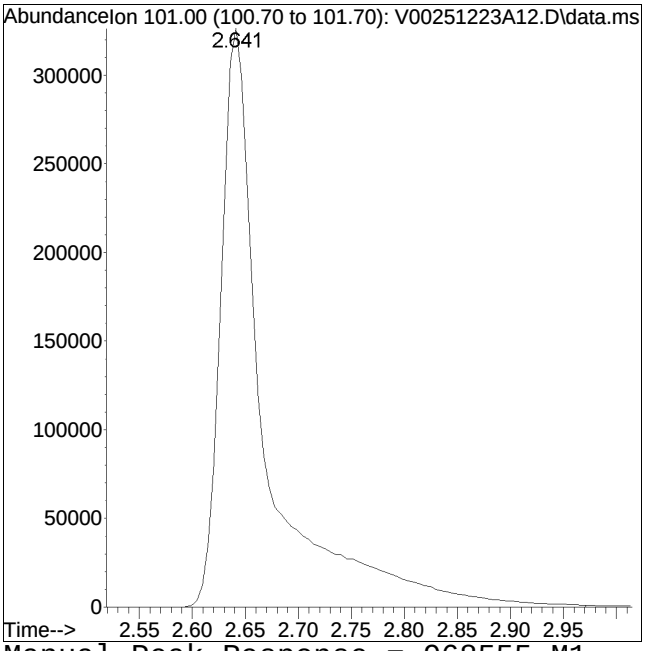
Manual Integration Report

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A12.D
Date Inj'd : 12/23/2025 7:58 pm
Sample : I8260STD200PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:38 am

Compound #7: Trichlorofluoromethane





Original Peak Response = 935292 Manual Peak Response = 968555 M1

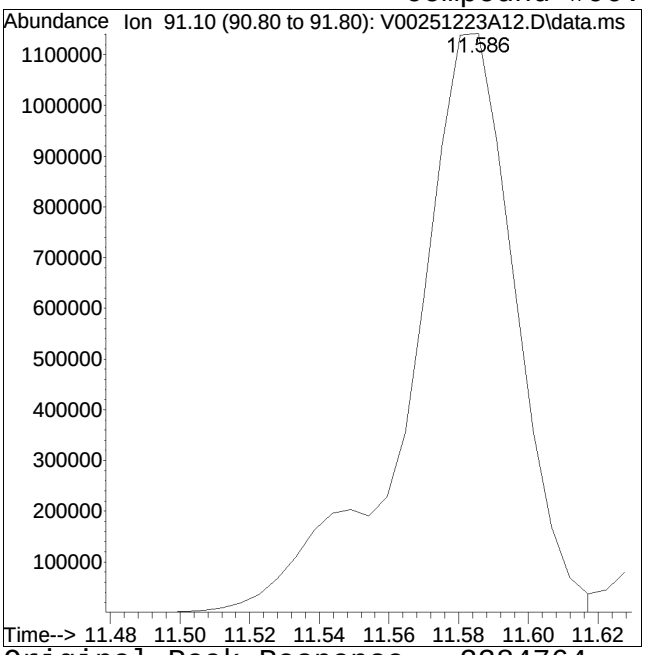
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

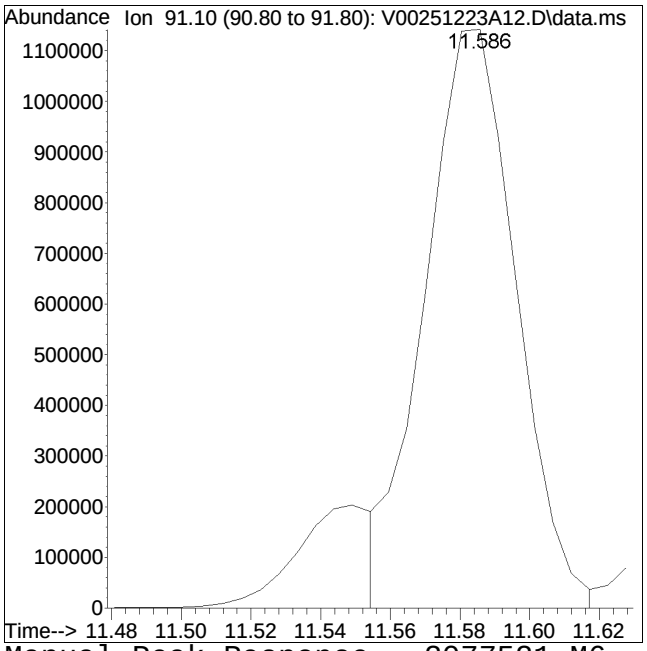
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A12.D
Date Inj'd : 12/23/2025 7:58 pm
Sample : I8260STD200PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:38 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 2384764



Manual Peak Response = 2077521 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A13.D
Acq On : 23 Dec 2025 08:24 pm
Operator : VOA100:JIC
Sample : I8260STD300PPB
Misc : WG2158227,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 24 07:57:36 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	217189	20.000	ug/L	0.00
Standard Area 1 = 219329			Recovery = 99.02%			
60) Chlorobenzene-d5	9.792	117	175350	20.000	ug/L	0.00
Standard Area 1 = 172328			Recovery = 101.75%			
80) 1,4-Dichlorobenzene-d4	12.461	152	99555	20.000	ug/L	0.00
Standard Area 1 = 102487			Recovery = 97.14%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.404	113	59162	19.782	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 98.91%			
44) 1,2-Dichloroethane-d4	5.934	65	59384	20.741	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 103.71%			
61) Toluene-d8	7.936	98	225897	19.867	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.34%			
84) 4-Bromofluorobenzene	11.261	95	80557	20.488	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.781	85	1024639	299.431	ug/L #	81
3) Chloromethane	2.012	50	1007940	293.553	ug/L	97
4) Vinyl chloride	2.054	62	1043460	294.465	ug/L	85
5) Bromomethane	2.368	94	603331	336.198	ug/L	100
6) Chloroethane	2.473	64	542562	241.865	ug/L	90
7) Trichlorofluoromethane	2.630	101	1470050M1	305.559	ug/L	
8) Ethyl ether	2.945	74	516447	301.880	ug/L	88
10) 1,1-Dichloroethene	3.144	96	873988	299.184	ug/L	86
11) Carbon disulfide	3.176	76	2989306	289.871	ug/L	99
12) Freon-113	3.181	101	878740	302.175	ug/L	86
14) Acrolein	3.454	56	77568	306.885	ug/L	93
15) Methylene chloride	3.700	84	957428	289.025	ug/L	86
17) Acetone	3.726	43	386632	268.460	ug/L	91
18) trans-1,2-Dichloroethene	3.857	96	975316	298.449	ug/L	94
19) Methyl acetate	3.852	43	579743	302.772	ug/L #	83
20) Methyl tert-butyl ether	3.957	73	2652850	295.726	ug/L	94
21) tert-Butyl alcohol	4.030	59	533415	1599.236	ug/L	90
22) Diisopropyl ether	4.324	45	2986847	292.734	ug/L	94
23) 1,1-Dichloroethane	4.445	63	1669280	287.495	ug/L	98
24) Halothane	4.487	117	763300	300.181	ug/L	100
25) Acrylonitrile	4.466	53	288979	296.707	ug/L	92

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A13.D
Acq On : 23 Dec 2025 08:24 pm
Operator : VOA100:JIC
Sample : I8260STD300PPB
Misc : WG2158227,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 24 07:57:36 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	2784916	292.335	ug/L	#	76
27) Vinyl acetate	4.670	43	2388262	301.809	ug/L	#	94
28) cis-1,2-Dichloroethene	4.964	96	1058498	294.647	ug/L		94
29) 2,2-Dichloropropane	5.069	77	1441325	296.354	ug/L		88
31) Bromochloromethane	5.158	128	494998	281.271	ug/L		98
32) Cyclohexane	5.184	56	1574808M6	296.513	ug/L		
33) Chloroform	5.231	83	1759507	288.125	ug/L		98
34) Ethyl acetate	5.331	43	893769	308.067	ug/L	#	90
35) Carbon tetrachloride	5.383	117	1474860	299.463	ug/L		99
36) Tetrahydrofuran	5.378	42	271859	299.984	ug/L		86
38) 1,1,1-Trichloroethane	5.446	97	1535170	293.727	ug/L		97
40) 2-Butanone	5.504	43	392936M4	308.003	ug/L		
41) 1,1-Dichloropropene	5.567	75	1280827	296.897	ug/L		97
42) Benzene	5.813	78	3575813	291.595	ug/L		97
43) tert-Amyl methyl ether	5.923	73	2584056	296.413	ug/L		95
45) 1,2-Dichloroethane	6.002	62	1222928	290.778	ug/L		99
48) Methyl cyclohexane	6.421	83	1729917	306.193	ug/L		96
49) Trichloroethene	6.416	95	1040321	305.250	ug/L		93
51) Dibromomethane	6.846	93	612642	297.506	ug/L	#	88
52) 1,2-Dichloropropane	6.951	63	951347	293.778	ug/L		98
54) 2-Chloroethyl vinyl ether	7.643	63	567098	322.204	ug/L	#	100
55) Bromodichloromethane	7.024	83	1396599	297.802	ug/L		99
58) 1,4-Dioxane	7.229	88	402444	13847.232	ug/L	#	95
59) cis-1,3-Dichloropropene	7.716	75	1632905	298.405	ug/L	#	84
62) Toluene	7.994	92	2418789	293.452	ug/L		93
63) 4-Methyl-2-pentanone	8.414	58	329065	304.909	ug/L	#	59
64) Tetrachloroethene	8.456	166	1252102	303.348	ug/L		92
66) trans-1,3-Dichloropropene	8.466	75	1472279	292.278	ug/L		90
68) Ethyl methacrylate	8.660	69	1157699	287.777	ug/L		92
69) 1,1,2-Trichloroethane	8.655	83	684119	290.567	ug/L		99
70) Chlorodibromomethane	8.875	129	1150898	297.048	ug/L		98
71) 1,3-Dichloropropane	8.980	76	1373332	288.154	ug/L		99
72) 1,2-Dibromoethane	9.153	107	876831	295.603	ug/L		98
73) 2-Hexanone	9.420	43	616807	297.795	ug/L	#	83
74) Chlorobenzene	9.813	112	2758154	291.803	ug/L		98
75) Ethylbenzene	9.861	91	4482714	287.523	ug/L		97
76) 1,1,1,2-Tetrachloroethane	9.897	131	1065433	294.537	ug/L		100
77) p/m Xylene	10.049	106	3524565	567.288	ug/L		96
78) o Xylene	10.574	106	3459040	570.680	ug/L		95
79) Styrene	10.637	104	5736653	555.108	ug/L		99

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A13.D
Acq On : 23 Dec 2025 08:24 pm
Operator : VOA100:JIC
Sample : I8260STD300PPB
Misc : WG2158227,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 24 07:57:36 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.658	173	814293	313.163	ug/L	99
83) Isopropylbenzene	10.951	105	4651023	300.183	ug/L	97
85) Bromobenzene	11.371	156	1291808	307.461	ug/L	100
86) n-Propylbenzene	11.423	91	5138226	289.260	ug/L	94
87) 1,4-Dichlorobutane	11.423	55	1412768	301.136	ug/L	99
88) 1,1,2,2-Tetrachloroethane	11.491	83	1071281	299.154	ug/L	97
89) 4-Ethyltoluene	11.549	105	4421382	291.799	ug/L	97
90) 2-Chlorotoluene	11.586	91	3059531M6	298.052	ug/L	
91) 1,3,5-Trimethylbenzene	11.643	105	3773912	289.243	ug/L	97
92) 1,2,3-Trichloropropane	11.628	75	829736	293.313	ug/L	95
93) trans-1,4-Dichloro-2-b...	11.680	53	333422	296.038	ug/L	98
94) 4-Chlorotoluene	11.764	91	3135313	293.083	ug/L	95
95) tert-Butylbenzene	11.979	119	3380679	294.452	ug/L	97
98) 1,2,4-Trimethylbenzene	12.057	105	3731426	289.562	ug/L	98
99) sec-Butylbenzene	12.168	105	4936199	288.456	ug/L	97
100) p-Isopropyltoluene	12.325	119	4252436	287.084	ug/L	99
101) 1,3-Dichlorobenzene	12.383	146	2307645	291.968	ug/L	98
102) 1,4-Dichlorobenzene	12.477	146	2320301	293.068	ug/L	97
103) p-Diethylbenzene	12.692	119	2577258	287.901	ug/L	98
104) n-Butylbenzene	12.750	91	3719668	282.547	ug/L	96
105) 1,2-Dichlorobenzene	12.896	146	2176701	292.892	ug/L	97
106) 1,2,4,5-Tetramethylben...	13.484	119	3916129	293.732	ug/L	99
107) 1,2-Dibromo-3-chloropr...	13.667	155	224113	306.616	ug/L	92
108) 1,3,5-Trichlorobenzene	13.709	180	1825737	287.713	ug/L	97
109) Hexachlorobutadiene	14.291	225	996848	296.870	ug/L	98
110) 1,2,4-Trichlorobenzene	14.307	180	1620896	290.624	ug/L	98
111) Naphthalene	14.595	128	3366472	299.228	ug/L	100
112) 1,2,3-Trichlorobenzene	14.763	180	1495878	288.440	ug/L	99

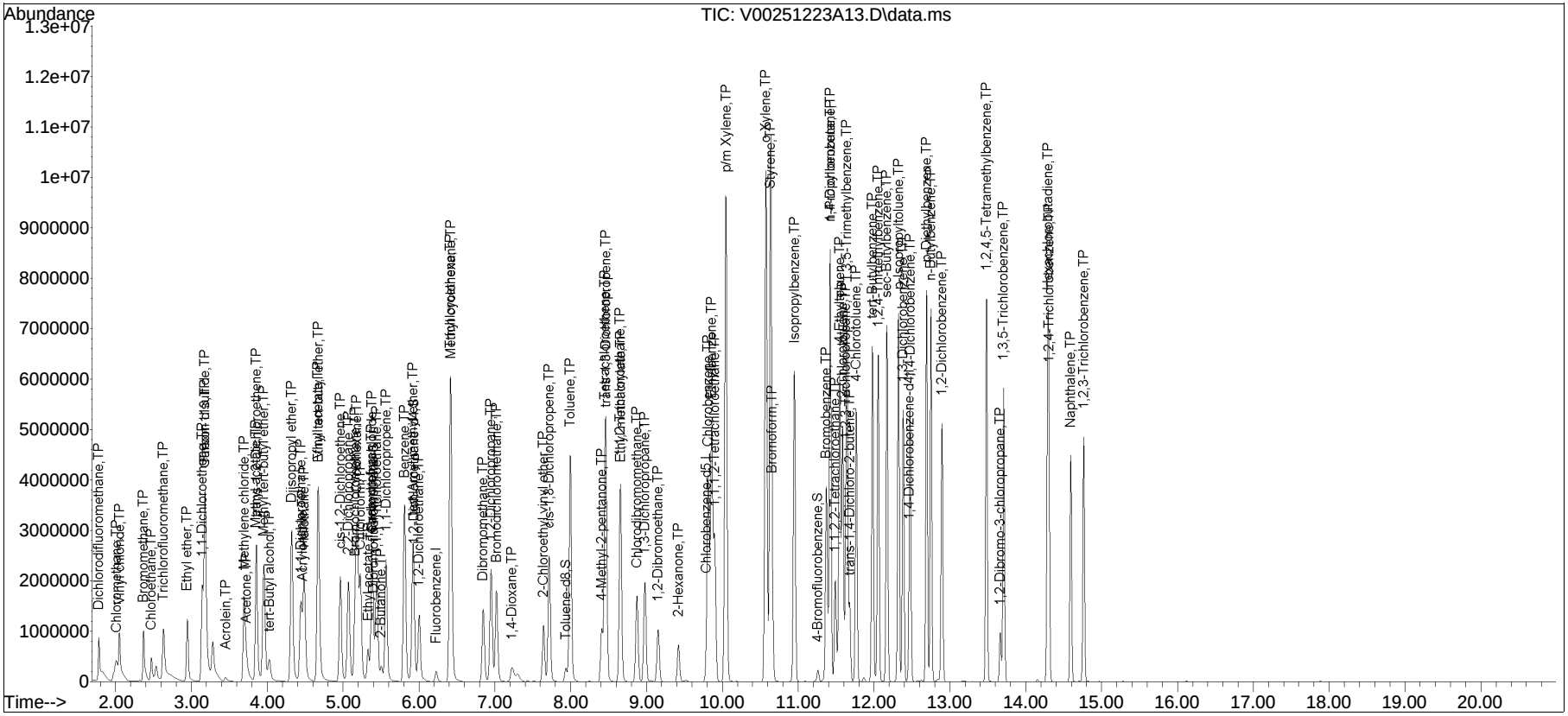
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A13.D
Acq On : 23 Dec 2025 08:24 pm
Operator : VOA100:JIC
Sample : I8260STD300PPB
Misc : WG2158227,ICAL
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 24 07:57:36 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 07:36:41 2025
Response via : Initial Calibration

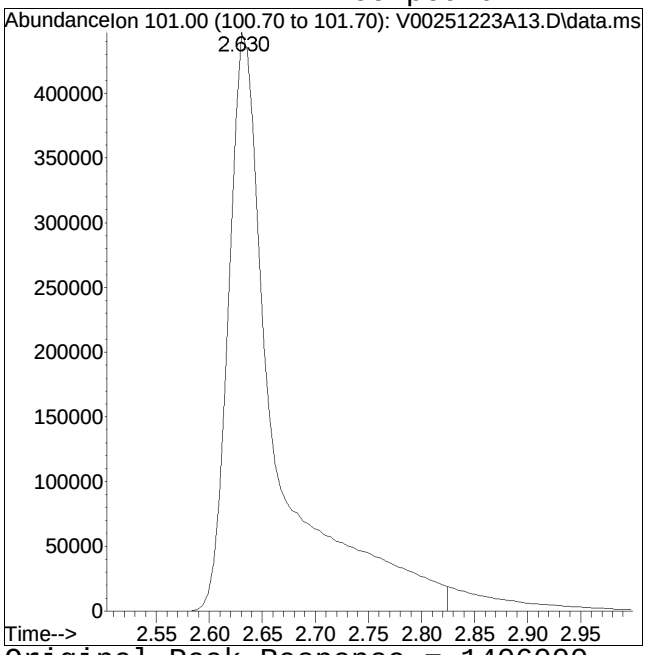
Sub List : 8260-CurveSoil - Megamix plus Diox23A10.D•

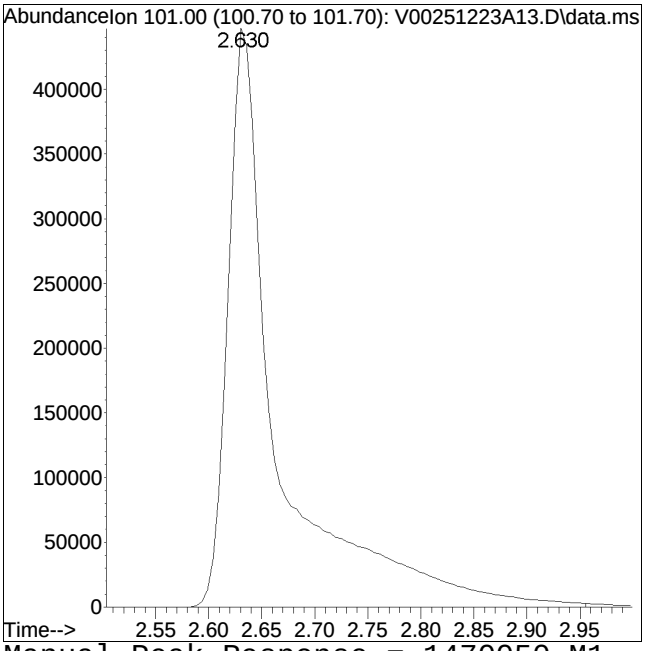


Manual Integration Report

Data Path	: K:\VOA100\2025\251223A\	QMethod	: V100_251223A_8260.m
Data File	: V00251223A13.D	Operator	: VOA100:JIC
Date Inj'd	: 12/23/2025 8:24 pm	Instrument	: VOA100
Sample	: I8260STD300PPB	Quant Date	: 12/24/2025 7:38 am

Compound #7: Trichlorofluoromethane





Original Peak Response = 1406000 Manual Peak Response = 1470050 M1

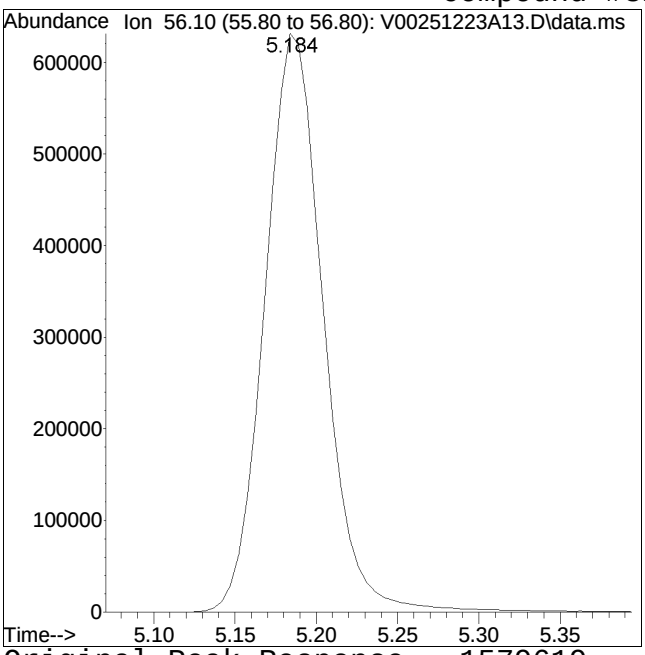
M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration Report

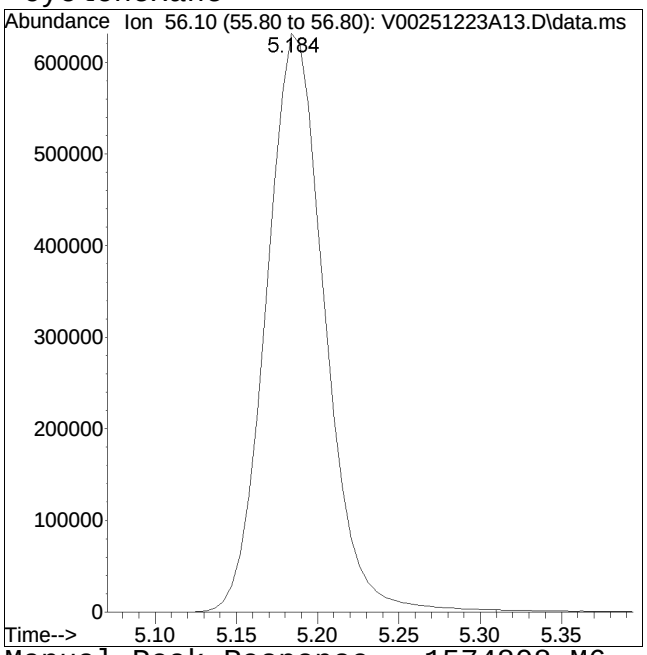
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A13.D
Date Inj'd : 12/23/2025 8:24 pm
Sample : I8260STD300PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:38 am

Compound #32: Cyclohexane



Original Peak Response = 1579619



Manual Peak Response = 1574808 M6

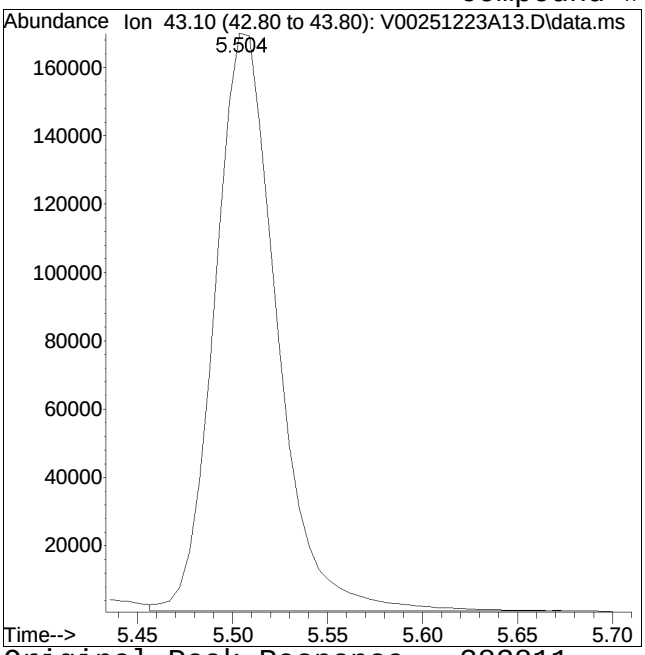
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

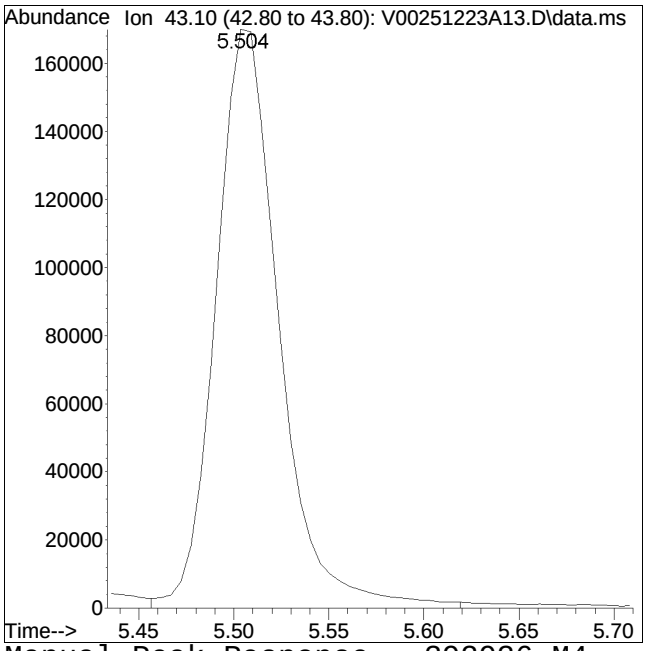
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A13.D
Date Inj'd : 12/23/2025 8:24 pm
Sample : I8260STD300PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:38 am

Compound #40: 2-Butanone



Original Peak Response = 383811



Manual Peak Response = 392936 M4

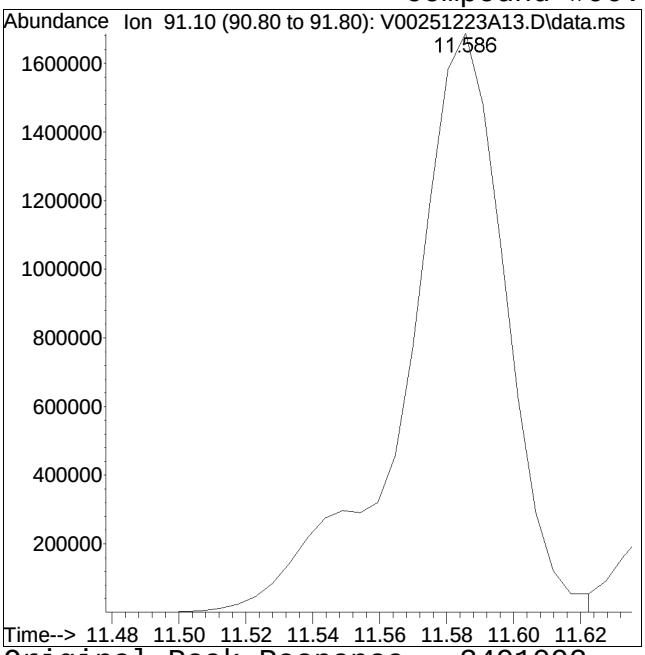
M4 = Poor automated baseline construction.

Manual Integration Report

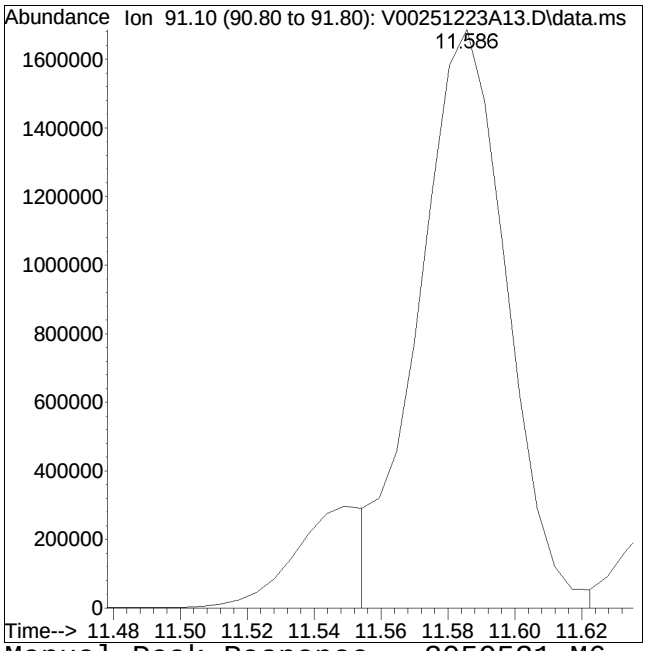
Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A13.D
Date Inj'd : 12/23/2025 8:24 pm
Sample : I8260STD300PPB

QMethod : V100_251223A_8260.m
Operator : VOA100:JIC
Instrument : VOA100
Quant Date : 12/24/2025 7:38 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 3491092



Manual Peak Response = 3059531 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A18.D
Acq On : 23 Dec 2025 10:35 pm
Operator : VOA100:JIC
Sample : C8260STD40PPB
Misc : WG2158227,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 24 08:03:13 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	94	0.00
2	TP	Dichlorodifluoromethane	0.299	0.334	-11.7	100	0.00
3	TP	Chloromethane	0.310	0.338	-9.0	101	0.00
4	TP	Vinyl chloride	0.308	0.338	-9.7	98	0.00
5	TP	Bromomethane	0.161	0.225	-39.8#	129	0.00
6	TP	Chloroethane	0.193	0.201	-4.1	92	0.00
7	TP	Trichlorofluoromethane	0.424	0.458	-8.0	98	0.00
8	TP	Ethyl ether	0.152	0.152	0.0	91	0.00
10	TP	1,1-Dichloroethene	0.250	0.252	-0.8	89	0.00
11	TP	Carbon disulfide	1.013	0.759	25.1#	75	0.00
12	TP	Freon-113	0.249	0.278	-11.6	98	0.00
14	TP	Acrolein	0.022	0.042	-90.9#	171	0.00
15	TP	Methylene chloride	0.309	0.315	-1.9	98	0.00
17	TP	Acetone	0.139	0.072	48.2#	51	0.00
18	TP	trans-1,2-Dichloroethene	0.286	0.295	-3.1	92	0.00
19	TP	Methyl acetate	0.186	0.175	5.9	94	0.00
20	TP	Methyl tert-butyl ether	0.800	0.764	4.5	87	0.00
21	TP	tert-Butyl alcohol	0.030	0.031	-3.3	95	0.00
22	TP	Diisopropyl ether	0.893	0.913	-2.2	92	0.00
23	TP	1,1-Dichloroethane	0.513	0.522	-1.8	92	0.00
24	TP	Halothane	0.222	0.231	-4.1	93	0.00
25	TP	Acrylonitrile	0.084	0.090	-7.1	95	-0.01
26	TP	Ethyl tert-butyl ether	0.832	0.859	-3.2	92	0.00
27	TP	Vinyl acetate	0.703	0.659	6.3	85	0.00
28	TP	cis-1,2-Dichloroethene	0.317	0.313	1.3	89	-0.01
29	TP	2,2-Dichloropropane	0.437	0.432	1.1	91	0.00
31	TP	Bromochloromethane	0.154	0.156	-1.3	91	0.00
32	TP	Cyclohexane	0.458	0.481	-5.0	93	0.00
33	TP	Chloroform	0.547	0.544	0.5	91	0.00
34	TP	Ethyl acetate	0.273	0.271	0.7	96	-0.01
35	TP	Carbon tetrachloride	0.430	0.428	0.5	89	0.00
36	TP	Tetrahydrofuran	0.096	0.085	11.5	96	0.00
37	S	Dibromofluoromethane	0.278	0.273	1.8	94	0.00
38	TP	1,1,1-Trichloroethane	0.442	0.466	-5.4	91	0.00
40	TP	2-Butanone	0.120	0.112	6.7	90	0.00
41	TP	1,1-Dichloropropene	0.365	0.401	-9.9	95	0.00
42	TP	Benzene	1.058	1.106	-4.5	92	0.00
43	TP	tert-Amyl methyl ether	0.771	0.767	0.5	90	0.00
44	S	1,2-Dichloroethane-d4	0.276	0.265	4.0	95	0.00

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A18.D
Acq On : 23 Dec 2025 10:35 pm
Operator : VOA100:JIC
Sample : C8260STD40PPB
Misc : WG2158227,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 24 08:03:13 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	TP	1,2-Dichloroethane	0.378	0.380	-0.5	93	0.00
48	TP	Methyl cyclohexane	0.479	0.497	-3.8	90	0.00
49	TP	Trichloroethene	0.292	0.304	-4.1	91	0.00
51	TP	Dibromomethane	0.184	0.185	-0.5	92	0.00
52	TP	1,2-Dichloropropane	0.284	0.293	-3.2	93	0.00
54	TP	2-Chloroethyl vinyl ether	0.155	0.153	1.3	89	0.00
55	TP	Bromodichloromethane	0.414	0.408	1.4	89	0.00
58	TP	1,4-Dioxane	0.00243	0.00309#	-27.2#	109	-0.01
59	TP	cis-1,3-Dichloropropene	0.474	0.487	-2.7	91	-0.01
60	I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
61	S	Toluene-d8	1.285	1.311	-2.0	95	0.00
62	TP	Toluene	0.885	0.925	-4.5	92	0.00
63	TP	4-Methyl-2-pentanone	0.112	0.119	-6.2	91	0.00
64	TP	Tetrachloroethene	0.427	0.460	-7.7	91	0.00
66	TP	trans-1,3-Dichloropropene	0.540	0.566	-4.8	92	0.00
68	TP	Ethyl methacrylate	0.428	0.449	-4.9	92	0.00
69	TP	1,1,2-Trichloroethane	0.254	0.265	-4.3	92	0.00
70	TP	Chlorodibromomethane	0.412	0.449	-9.0	95	0.00
71	TP	1,3-Dichloropropane	0.520	0.546	-5.0	94	0.00
72	TP	1,2-Dibromoethane	0.314	0.335	-6.7	93	0.00
73	TP	2-Hexanone	0.227	0.232	-2.2	92	0.00
74	TP	Chlorobenzene	1.011	1.069	-5.7	93	0.00
75	TP	Ethylbenzene	1.677	1.762	-5.1	93	0.00
76	TP	1,1,1,2-Tetrachloroethane	0.382	0.406	-6.3	92	0.00
77	TP	p/m Xylene	0.656	0.691	-5.3	91	0.00
78	TP	o Xylene	0.648	0.676	-4.3	91	0.00
79	TP	Styrene	1.091	1.157	-6.0	92	0.00
80	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	92	0.00
81	TP	Bromoform	0.506	0.538	-6.3	94	0.00
83	TP	Isopropylbenzene	2.938	3.089	-5.1	91	0.00
84	S	4-Bromofluorobenzene	0.797	0.800	-0.4	93	0.00
85	TP	Bromobenzene	0.813	0.856	-5.3	93	0.00
86	TP	n-Propylbenzene	3.345	3.570	-6.7	92	0.00
87	TP	1,4-Dichlorobutane	0.923	0.985	-6.7	96	0.00
88	TP	1,1,2,2-Tetrachloroethane	0.693	0.713	-2.9	91	0.00
89	TP	4-Ethyltoluene	2.884	3.137	-8.8	94	0.00
90	TP	2-Chlorotoluene	1.996	2.062	-3.3	92	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A18.D
Acq On : 23 Dec 2025 10:35 pm
Operator : VOA100:JIC
Sample : C8260STD40PPB
Misc : WG2158227,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 24 08:03:13 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 TP	1,3,5-Trimethylbenzene	2.487	2.602	-4.6	91	0.00
92 TP	1,2,3-Trichloropropane	0.557	0.592	-6.3	95	0.00
93 TP	trans-1,4-Dichloro-2-butene	0.216	0.225	-4.2	91	0.00
94 TP	4-Chlorotoluene	2.070	2.131	-2.9	91	0.00
95 TP	tert-Butylbenzene	2.160	2.312	-7.0	92	0.00
98 TP	1,2,4-Trimethylbenzene	2.461	2.644	-7.4	94	0.00
99 TP	sec-Butylbenzene	3.210	3.441	-7.2	92	0.00
100 TP	p-Isopropyltoluene	2.771	2.960	-6.8	91	0.00
101 TP	1,3-Dichlorobenzene	1.529	1.589	-3.9	92	0.00
102 TP	1,4-Dichlorobenzene	1.551	1.608	-3.7	93	0.00
103 TP	p-Diethylbenzene	1.676	1.741	-3.9	89	0.00
104 TP	n-Butylbenzene	2.466	2.601	-5.5	90	0.00
105 TP	1,2-Dichlorobenzene	1.440	1.522	-5.7	93	0.00
106 TP	1,2,4,5-Tetramethylbenzene	2.499	2.724	-9.0	93	0.00
107 TP	1,2-Dibromo-3-chloropropane	0.141	0.154	-9.2	96	0.00
108 TP	1,3,5-Trichlorobenzene	1.217	1.212	0.4	87	0.00
109 TP	Hexachlorobutadiene	0.637	0.664	-4.2	90	0.00
110 TP	1,2,4-Trichlorobenzene	1.082	1.107	-2.3	90	0.00
111 TP	Naphthalene	2.193	2.347	-7.0	95	0.00
112 TP	1,2,3-Trichlorobenzene	1.001	1.058	-5.7	93	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 1 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A18.D
Acq On : 23 Dec 2025 10:35 pm
Operator : VOA100:JIC
Sample : C8260STD40PPB
Misc : WG2158227,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 24 08:03:13 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.227	96	207117	20.000 ug/L	0.00
Standard Area 1 = 219329			Recovery =	94.43%	
60) Chlorobenzene-d5	9.792	117	161118	20.000 ug/L	0.00
Standard Area 1 = 172328			Recovery =	93.49%	
80) 1,4-Dichlorobenzene-d4	12.456	152	93845	20.000 ug/L	0.00
Standard Area 1 = 102487			Recovery =	91.57%	
System Monitoring Compounds					
37) Dibromofluoromethane	5.404	113	56484	19.632 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	98.16%	
44) 1,2-Dichloroethane-d4	5.934	65	54969	19.224 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	96.12%	
61) Toluene-d8	7.936	98	211199	20.398 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	101.99%	
84) 4-Bromofluorobenzene	11.261	95	75047	20.066 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery =	100.33%	
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.781	85	138471	44.777 ug/L #	82
3) Chloromethane	2.012	50	140110	43.575 ug/L	97
4) Vinyl chloride	2.054	62	139931	43.883 ug/L	86
5) Bromomethane	2.374	94	93173	55.969 ug/L	99
6) Chloroethane	2.499	64	83423	41.802 ug/L	87
7) Trichlorofluoromethane	2.646	101	189628	43.194 ug/L	98
8) Ethyl ether	2.950	74	63143	40.232 ug/L	88
10) 1,1-Dichloroethene	3.150	96	104556	40.452 ug/L	87
11) Carbon disulfide	3.181	76	314494	29.991 ug/L	99
12) Freon-113	3.186	101	115160	44.718 ug/L	85
14) Acrolein	3.454	56	17498	77.776 ug/L	91
15) Methylene chloride	3.700	84	130559	40.791 ug/L	85
17) Acetone	3.731	43	29633	20.575 ug/L	91
18) trans-1,2-Dichloroethene	3.863	96	122046	41.146 ug/L	94
19) Methyl acetate	3.852	43	72635	37.759 ug/L #	83
20) Methyl tert-butyl ether	3.957	73	316366	38.187 ug/L	95
21) tert-Butyl alcohol	4.020	59	63989	204.004 ug/L	91
22) Diisopropyl ether	4.324	45	378250	40.923 ug/L	94
23) 1,1-Dichloroethane	4.445	63	216378	40.714 ug/L	98
24) Halothane	4.486	117	95736	41.652 ug/L	100
25) Acrylonitrile	4.466	53	37470	43.186 ug/L	92

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A18.D
Acq On : 23 Dec 2025 10:35 pm
Operator : VOA100:JIC
Sample : C8260STD40PPB
Misc : WG2158227,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 24 08:03:13 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	355898	41.330	ug/L	#	81
27) Vinyl acetate	4.670	43	272866	37.486	ug/L	#	93
28) cis-1,2-Dichloroethene	4.964	96	129690	39.453	ug/L		95
29) 2,2-Dichloropropane	5.068	77	179008	39.521	ug/L		87
31) Bromochloromethane	5.158	128	64464	40.442	ug/L		94
32) Cyclohexane	5.184	56	199162	41.987	ug/L		96
33) Chloroform	5.226	83	225490	39.776	ug/L		98
34) Ethyl acetate	5.331	43	112331	39.704	ug/L	#	90
35) Carbon tetrachloride	5.383	117	177419	39.885	ug/L		98
36) Tetrahydrofuran	5.383	42	35142	35.515	ug/L	#	84
38) 1,1,1-Trichloroethane	5.446	97	193082	42.184	ug/L		98
40) 2-Butanone	5.504	43	46387	37.444	ug/L		98
41) 1,1-Dichloropropene	5.567	75	165922	43.951	ug/L		97
42) Benzene	5.813	78	458086	41.809	ug/L		97
43) tert-Amyl methyl ether	5.923	73	317746	39.781	ug/L		96
45) 1,2-Dichloroethane	6.002	62	157397	40.187	ug/L		99
48) Methyl cyclohexane	6.421	83	205780	41.451	ug/L		96
49) Trichloroethene	6.411	95	125819	41.594	ug/L		93
51) Dibromomethane	6.846	93	76618	40.119	ug/L	#	88
52) 1,2-Dichloropropane	6.951	63	121330	41.308	ug/L		99
54) 2-Chloroethyl vinyl ether	7.643	63	63425	39.558	ug/L	#	100
55) Bromodichloromethane	7.019	83	168893	39.407	ug/L		99
58) 1,4-Dioxane	7.229	88	64048	2549.140	ug/L	#	94
59) cis-1,3-Dichloropropene	7.716	75	201905	41.090	ug/L	#	84
62) Toluene	7.994	92	298129	41.811	ug/L		95
63) 4-Methyl-2-pentanone	8.408	58	38472	42.489	ug/L	#	55
64) Tetrachloroethene	8.455	166	148353	43.119	ug/L		92
66) trans-1,3-Dichloropropene	8.466	75	182332	41.884	ug/L		91
68) Ethyl methacrylate	8.660	69	144776	41.986	ug/L		91
69) 1,1,2-Trichloroethane	8.655	83	85431	41.735	ug/L		99
70) Chlorodibromomethane	8.875	129	144612	43.606	ug/L		98
71) 1,3-Dichloropropane	8.980	76	175827	41.980	ug/L		99
72) 1,2-Dibromoethane	9.153	107	108038	42.673	ug/L		97
73) 2-Hexanone	9.425	43	74893	40.933	ug/L	#	83
74) Chlorobenzene	9.813	112	344549	42.289	ug/L		97
75) Ethylbenzene	9.855	91	567807	42.032	ug/L		98
76) 1,1,1,2-Tetrachloroethane	9.892	131	130687	42.461	ug/L		99
77) p/m Xylene	10.044	106	445061	84.238	ug/L		97
78) o Xylene	10.568	106	435352	83.369	ug/L		97
79) Styrene	10.631	104	745561	84.850	ug/L		98

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A18.D
Acq On : 23 Dec 2025 10:35 pm
Operator : VOA100:JIC
Sample : C8260STD40PPB
Misc : WG2158227,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 24 08:03:13 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2025\251223A\V00251223A10.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.652	173	100897	42.456	ug/L	98
83) Isopropylbenzene	10.946	105	579742	42.060	ug/L	98
85) Bromobenzene	11.371	156	160715	42.130	ug/L	99
86) n-Propylbenzene	11.418	91	670082	42.692	ug/L	95
87) 1,4-Dichlorobutane	11.418	55	184942	42.698	ug/L	99
88) 1,1,2,2-Tetrachloroethane	11.486	83	133902	41.197	ug/L	98
89) 4-Ethyltoluene	11.544	105	588717	43.503	ug/L	98
90) 2-Chlorotoluene	11.580	91	387026M6	41.332	ug/L	
91) 1,3,5-Trimethylbenzene	11.638	105	488276	41.835	ug/L	97
92) 1,2,3-Trichloropropane	11.622	75	111068	42.490	ug/L	97
93) trans-1,4-Dichloro-2-b...	11.675	53	42313	41.791	ug/L	96
94) 4-Chlorotoluene	11.764	91	399892	41.170	ug/L	95
95) tert-Butylbenzene	11.979	119	433958	42.807	ug/L	96
98) 1,2,4-Trimethylbenzene	12.052	105	496238	42.974	ug/L	98
99) sec-Butylbenzene	12.168	105	645765	42.878	ug/L	99
100) p-Isopropyltoluene	12.320	119	555656	42.733	ug/L	98
101) 1,3-Dichlorobenzene	12.383	146	298231	41.579	ug/L	97
102) 1,4-Dichlorobenzene	12.472	146	301781	41.479	ug/L	97
103) p-Diethylbenzene	12.692	119	326732	41.545	ug/L	98
104) n-Butylbenzene	12.750	91	488271	42.196	ug/L	98
105) 1,2-Dichlorobenzene	12.891	146	285687	42.275	ug/L	97
106) 1,2,4,5-Tetramethylben...	13.478	119	511332	43.607	ug/L	98
107) 1,2-Dibromo-3-chloropr...	13.667	155	28899	43.568	ug/L	89
108) 1,3,5-Trichlorobenzene	13.709	180	227553	39.853	ug/L	97
109) Hexachlorobutadiene	14.286	225	124685	41.741	ug/L	98
110) 1,2,4-Trichlorobenzene	14.301	180	207823	40.923	ug/L	97
111) Naphthalene	14.595	128	440497	42.800	ug/L	100
112) 1,2,3-Trichlorobenzene	14.763	180	198504	42.255	ug/L	99

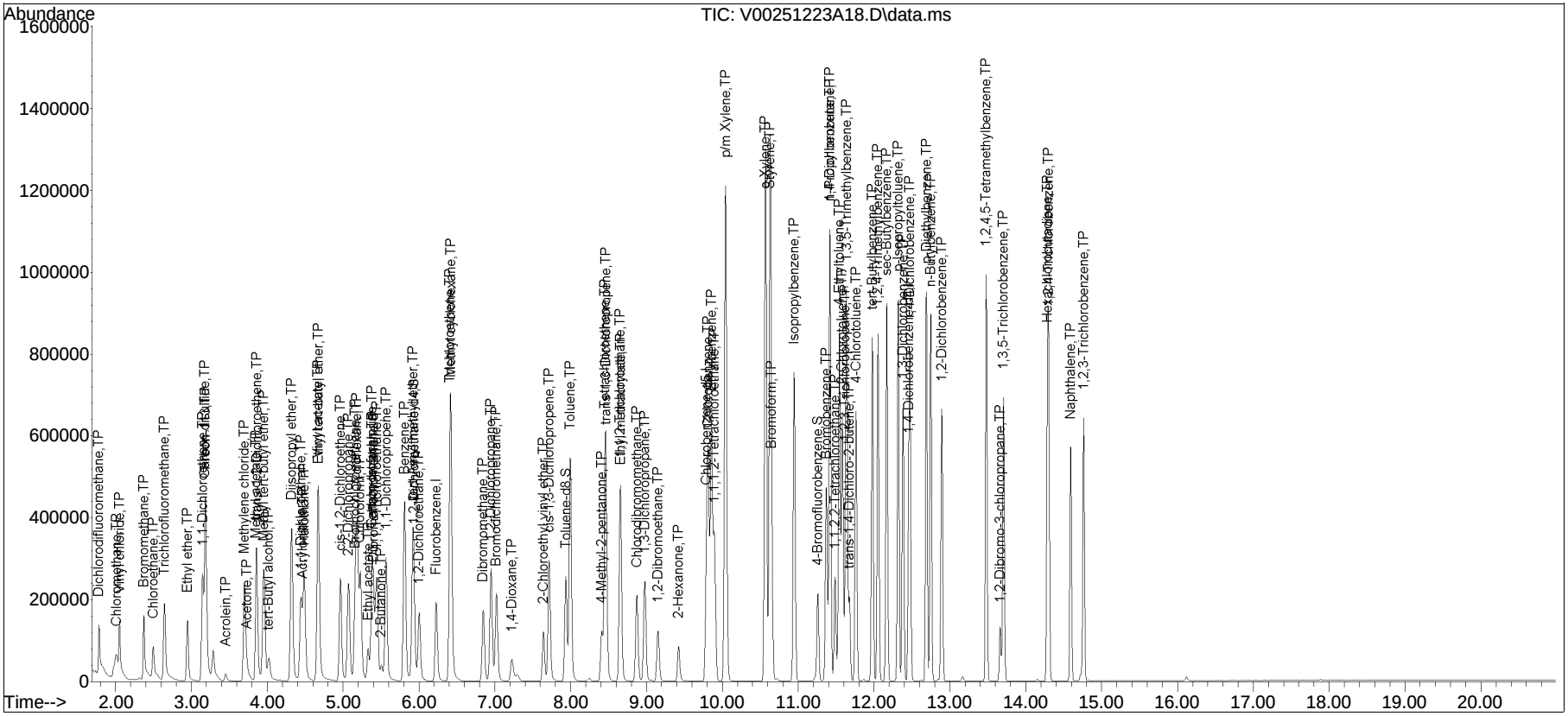
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A18.D
Acq On : 23 Dec 2025 10:35 pm
Operator : VOA100:JIC
Sample : C8260STD40PPB
Misc : WG2158227,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 24 08:03:13 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

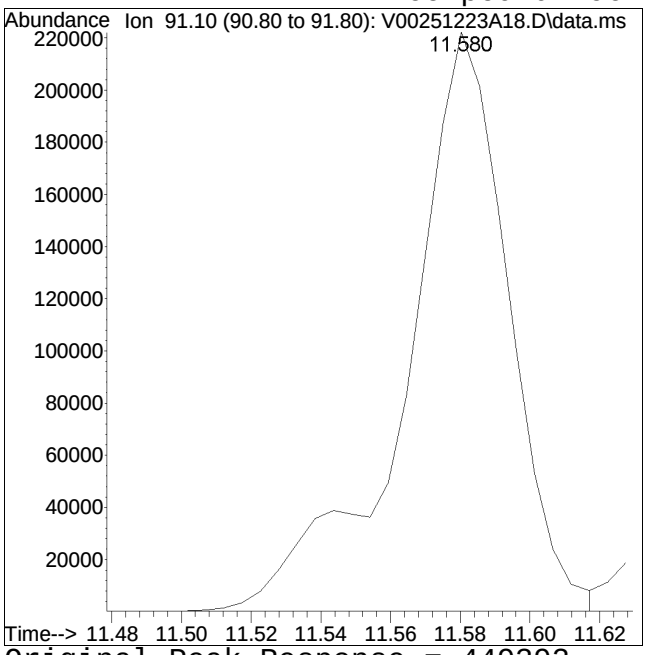
Sub List : 8260-CurveSoil - Megamix plus Diox23A10.D•



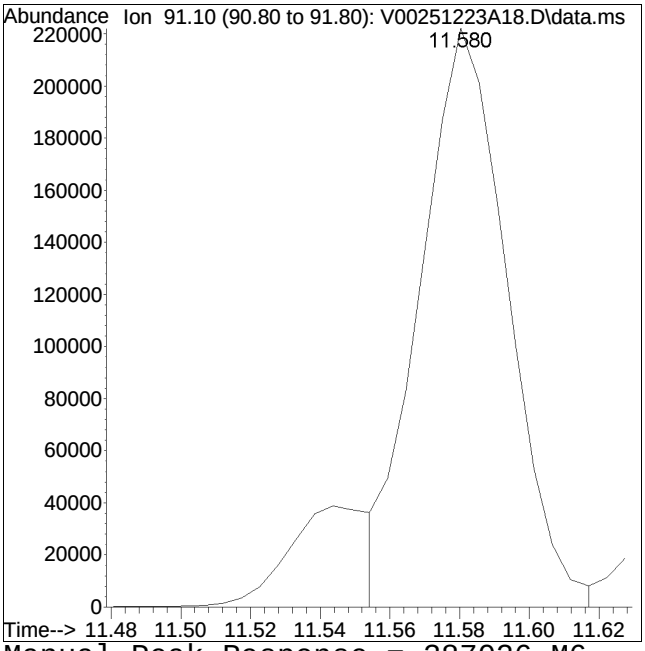
Manual Integration Report

Data Path	: K:\VOA100\2025\251223A\	QMethod	: V100_251223A_8260.m
Data File	: V00251223A18.D	Operator	: VOA100:JIC
Date Inj'd	: 12/23/2025 10:35 pm	Instrument	: VOA100
Sample	: C8260STD40PPB	Quant Date	: 12/24/2025 8:03 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 449392



Manual Peak Response = 387026 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Continuing Calibration

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		Lab Number	: L2600637	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E	
Instrument ID	: VOA100		Calibration Date	: 01/09/26 08:30	
Lab File ID	: V00260109A01		Init. Calib. Date(s)	: 12/23/25	12/23/25
Sample No	: WG2164110-2		Init. Calib. Times	: 16:03	20:24
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	69	0
Dichlorodifluoromethane	0.299	0.326	-	-9	20	71	0
Chloromethane	0.31	0.422	-	-36.1*	20	92	0
Vinyl chloride	0.308	0.391	-	-26.9*	20	83	0
Bromomethane	0.161	0.203	-	-26.1*	20	85	0
Chloroethane	0.193	0.234	-	-21.2*	20	78	0
Trichlorofluoromethane	0.424	0.478	-	-12.7	20	75	0
Ethyl ether	0.152	0.163	-	-7.2	20	72	0
1,1-Dichloroethene	0.25	0.274	-	-9.6	20	70	0
Carbon disulfide	1.013	1.066	-	-5.2	20	78	0
Freon-113	0.249	0.28	-	-12.4	20	72	0
Acrolein	0.022	0.023	-	-4.5	20	69	0
Methylene chloride	0.309	0.321	-	-3.9	20	73	0
Acetone	0.139	0.111	-	20.1*	20	58	0
trans-1,2-Dichloroethene	0.286	0.306	-	-7	20	70	0
Methyl acetate	0.186	0.204	-	-9.7	20	80	0
Methyl tert-butyl ether	0.8	0.875	-	-9.4	20	73	0
tert-Butyl alcohol	0.03	0.032	-	-6.7	20	71	0
Diisopropyl ether	0.893	1.174	-	-31.5*	20	86	0
1,1-Dichloroethane	0.513	0.594	-	-15.8	20	77	0
Halothane	0.222	0.231	-	-4.1	20	68	0
Acrylonitrile	0.084	0.099	-	-17.9	20	76	0
Ethyl tert-butyl ether	0.832	0.987	-	-18.6	20	78	0
Vinyl acetate	0.703	0.895	-	-27.3*	20	85	0
cis-1,2-Dichloroethene	0.317	0.336	-	-6	20	70	0
2,2-Dichloropropane	0.437	0.508	-	-16.2	20	78	0
Bromochloromethane	0.154	0.157	-	-1.9	20	67	0
Cyclohexane	0.458	0.569	-	-24.2*	20	80	0
Chloroform	0.547	0.599	-	-9.5	20	73	0
Ethyl acetate	0.273	0.31	-	-13.6	20	80	0
Carbon tetrachloride	0.43	0.457	-	-6.3	20	70	0
Tetrahydrofuran	0.096	0.101	-	-5.2	20	84	0
Dibromofluoromethane	0.278	0.272	-	2.2	20	68	0
1,1,1-Trichloroethane	0.442	0.508	-	-14.9	20	73	0
2-Butanone	0.12	0.142	-	-18.3	20	84	0
1,1-Dichloropropene	0.365	0.437	-	-19.7	20	76	0
Benzene	1.058	1.204	-	-13.8	20	74	0
tert-Amyl methyl ether	0.771	0.846	-	-9.7	20	73	.01
1,2-Dichloroethane-d4	0.276	0.284	-	-2.9	20	74	0
1,2-Dichloroethane	0.378	0.43	-	-13.8	20	77	0
Methyl cyclohexane	0.479	0.551	-	-15	20	73	0
Trichloroethene	0.292	0.328	-	-12.3	20	72	0
Dibromomethane	0.184	0.193	-	-4.9	20	70	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		Lab Number	: L2600637	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E	
Instrument ID	: VOA100		Calibration Date	: 01/09/26 08:30	
Lab File ID	: V00260109A01		Init. Calib. Date(s)	: 12/23/25	12/23/25
Sample No	: WG2164110-2		Init. Calib. Times	: 16:03	20:24
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.284	0.323	-	-13.7	20	75	.01
2-Chloroethyl vinyl ether	0.155	0.172	-	-11	20	73	0
Bromodichloromethane	0.414	0.459	-	-10.9	20	73	0
1,4-Dioxane	0.00243	0.00242*	-	0.4	20	62	0
cis-1,3-Dichloropropene	0.474	0.538	-	-13.5	20	74	0
Chlorobenzene-d5	1	1	-	0	20	68	0
Toluene-d8	1.285	1.316	-	-2.4	20	69	0
Toluene	0.885	0.982	-	-11	20	71	0
4-Methyl-2-pentanone	0.112	0.123	-	-9.8	20	68	0
Tetrachloroethene	0.427	0.433	-	-1.4	20	63	0
trans-1,3-Dichloropropene	0.54	0.622	-	-15.2	20	74	0
Ethyl methacrylate	0.428	0.459	-	-7.2	20	68	0
1,1,2-Trichloroethane	0.254	0.283	-	-11.4	20	72	0
Chlorodibromomethane	0.412	0.429	-	-4.1	20	66	0
1,3-Dichloropropane	0.52	0.574	-	-10.4	20	72	0
1,2-Dibromoethane	0.314	0.329	-	-4.8	20	66	0
2-Hexanone	0.227	0.25	-	-10.1	20	72	0
Chlorobenzene	1.011	1.076	-	-6.4	20	68	0
Ethylbenzene	1.677	1.871	-	-11.6	20	72	0
1,1,1,2-Tetrachloroethane	0.382	0.407	-	-6.5	20	67	.01
p/m Xylene	0.656	0.723	-	-10.2	20	70	0
o Xylene	0.648	0.699	-	-7.9	20	69	0
Styrene	1.091	1.205	-	-10.4	20	70	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	66	0
Bromoform	0.506	0.484	-	4.3	20	61	0
Isopropylbenzene	2.938	3.314	-	-12.8	20	70	0
4-Bromofluorobenzene	0.797	0.843	-	-5.8	20	70	0
Bromobenzene	0.813	0.788	-	3.1	20	62	0
n-Propylbenzene	3.345	3.848	-	-15	20	71	0
1,4-Dichlorobutane	0.923	1.069	-	-15.8	20	75	0
1,1,2,2-Tetrachloroethane	0.693	0.743	-	-7.2	20	68	0
4-Ethyltoluene	2.884	3.25	-	-12.7	20	70	0
2-Chlorotoluene	1.996	2.289	-	-14.7	20	73	0
1,3,5-Trimethylbenzene	2.487	2.772	-	-11.5	20	70	0
1,2,3-Trichloropropane	0.557	0.587	-	-5.4	20	68	0
trans-1,4-Dichloro-2-buten	0.216	0.255	-	-18.1	20	74	0
4-Chlorotoluene	2.07	2.315	-	-11.8	20	71	0
tert-Butylbenzene	2.16	2.364	-	-9.4	20	68	0
1,2,4-Trimethylbenzene	2.461	2.746	-	-11.6	20	70	0
sec-Butylbenzene	3.21	3.694	-	-15.1	20	71	0
p-Isopropyltoluene	2.771	3.103	-	-12	20	69	0
1,3-Dichlorobenzene	1.529	1.607	-	-5.1	20	67	0
1,4-Dichlorobenzene	1.551	1.623	-	-4.6	20	67	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		**Lab Number**	: L2600637	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E	
Instrument ID	: VOA100		**Calibration Date**	: 01/09/26 08:30	
Lab File ID	: V00260109A01		**Init. Calib. Date(s)**	: 12/23/25	12/23/25
Sample No	: WG2164110-2		**Init. Calib. Times**	: 16:03	20:24
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.676	1.874	-	-11.8	20	69	0
n-Butylbenzene	2.466	2.986	-	-21.1*	20	74	0
1,2-Dichlorobenzene	1.44	1.497	-	-4	20	66	0
1,2,4,5-Tetramethylbenzene	2.499	2.868	-	-14.8	20	71	0
1,2-Dibromo-3-chloropropan	0.141	0.127	-	9.9	20	57	.01
1,3,5-Trichlorobenzene	1.217	1.261	-	-3.6	20	65	0
Hexachlorobutadiene	0.637	0.629	-	1.3	20	61	0
1,2,4-Trichlorobenzene	1.082	1.109	-	-2.5	20	65	0
Naphthalene	2.193	2.222	-	-1.3	20	65	0
1,2,3-Trichlorobenzene	1.001	1.009	-	-0.8	20	64	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		Lab Number	: L2600637	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E	
Instrument ID	: VOA100		Calibration Date	: 01/09/26 08:30	
Lab File ID	: V00260109A01		Init. Calib. Date(s)	: 12/23/25	12/23/25
Sample No	: WG2164111-2		Init. Calib. Times	: 16:03	20:24
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	69	0
Dichlorodifluoromethane	0.299	0.326	-	-9	20	71	0
Chloromethane	0.31	0.422	-	-36.1*	20	92	0
Vinyl chloride	0.308	0.391	-	-26.9*	20	83	0
Bromomethane	0.161	0.203	-	-26.1*	20	85	0
Chloroethane	0.193	0.234	-	-21.2*	20	78	0
Trichlorofluoromethane	0.424	0.478	-	-12.7	20	75	0
Ethyl ether	0.152	0.163	-	-7.2	20	72	0
1,1-Dichloroethene	0.25	0.274	-	-9.6	20	70	0
Carbon disulfide	1.013	1.066	-	-5.2	20	78	0
Freon-113	0.249	0.28	-	-12.4	20	72	0
Acrolein	0.022	0.023	-	-4.5	20	69	0
Methylene chloride	0.309	0.321	-	-3.9	20	73	0
Acetone	0.139	0.111	-	20.1*	20	58	0
trans-1,2-Dichloroethene	0.286	0.306	-	-7	20	70	0
Methyl acetate	0.186	0.204	-	-9.7	20	80	0
Methyl tert-butyl ether	0.8	0.875	-	-9.4	20	73	0
tert-Butyl alcohol	0.03	0.032	-	-6.7	20	71	0
Diisopropyl ether	0.893	1.174	-	-31.5*	20	86	0
1,1-Dichloroethane	0.513	0.594	-	-15.8	20	77	0
Halothane	0.222	0.231	-	-4.1	20	68	0
Acrylonitrile	0.084	0.099	-	-17.9	20	76	0
Ethyl tert-butyl ether	0.832	0.987	-	-18.6	20	78	0
Vinyl acetate	0.703	0.895	-	-27.3*	20	85	0
cis-1,2-Dichloroethene	0.317	0.336	-	-6	20	70	0
2,2-Dichloropropane	0.437	0.508	-	-16.2	20	78	0
Bromochloromethane	0.154	0.157	-	-1.9	20	67	0
Cyclohexane	0.458	0.569	-	-24.2*	20	80	0
Chloroform	0.547	0.599	-	-9.5	20	73	0
Ethyl acetate	0.273	0.31	-	-13.6	20	80	0
Carbon tetrachloride	0.43	0.457	-	-6.3	20	70	0
Tetrahydrofuran	0.096	0.101	-	-5.2	20	84	0
Dibromofluoromethane	0.278	0.272	-	2.2	20	68	0
1,1,1-Trichloroethane	0.442	0.508	-	-14.9	20	73	0
2-Butanone	0.12	0.142	-	-18.3	20	84	0
1,1-Dichloropropene	0.365	0.437	-	-19.7	20	76	0
Benzene	1.058	1.204	-	-13.8	20	74	0
tert-Amyl methyl ether	0.771	0.846	-	-9.7	20	73	.01
1,2-Dichloroethane-d4	0.276	0.284	-	-2.9	20	74	0
1,2-Dichloroethane	0.378	0.43	-	-13.8	20	77	0
Methyl cyclohexane	0.479	0.551	-	-15	20	73	0
Trichloroethene	0.292	0.328	-	-12.3	20	72	0
Dibromomethane	0.184	0.193	-	-4.9	20	70	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		Lab Number	: L2600637	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E	
Instrument ID	: VOA100		Calibration Date	: 01/09/26 08:30	
Lab File ID	: V00260109A01		Init. Calib. Date(s)	: 12/23/25	12/23/25
Sample No	: WG2164111-2		Init. Calib. Times	: 16:03	20:24
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.284	0.323	-	-13.7	20	75	.01
2-Chloroethyl vinyl ether	0.155	0.172	-	-11	20	73	0
Bromodichloromethane	0.414	0.459	-	-10.9	20	73	0
1,4-Dioxane	0.00243	0.00242*	-	0.4	20	62	0
cis-1,3-Dichloropropene	0.474	0.538	-	-13.5	20	74	0
Chlorobenzene-d5	1	1	-	0	20	68	0
Toluene-d8	1.285	1.316	-	-2.4	20	69	0
Toluene	0.885	0.982	-	-11	20	71	0
4-Methyl-2-pentanone	0.112	0.123	-	-9.8	20	68	0
Tetrachloroethene	0.427	0.433	-	-1.4	20	63	0
trans-1,3-Dichloropropene	0.54	0.622	-	-15.2	20	74	0
Ethyl methacrylate	0.428	0.459	-	-7.2	20	68	0
1,1,2-Trichloroethane	0.254	0.283	-	-11.4	20	72	0
Chlorodibromomethane	0.412	0.429	-	-4.1	20	66	0
1,3-Dichloropropane	0.52	0.574	-	-10.4	20	72	0
1,2-Dibromoethane	0.314	0.329	-	-4.8	20	66	0
2-Hexanone	0.227	0.25	-	-10.1	20	72	0
Chlorobenzene	1.011	1.076	-	-6.4	20	68	0
Ethylbenzene	1.677	1.871	-	-11.6	20	72	0
1,1,1,2-Tetrachloroethane	0.382	0.407	-	-6.5	20	67	.01
p/m Xylene	0.656	0.723	-	-10.2	20	70	0
o Xylene	0.648	0.699	-	-7.9	20	69	0
Styrene	1.091	1.205	-	-10.4	20	70	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	66	0
Bromoform	0.506	0.484	-	4.3	20	61	0
Isopropylbenzene	2.938	3.314	-	-12.8	20	70	0
4-Bromofluorobenzene	0.797	0.843	-	-5.8	20	70	0
Bromobenzene	0.813	0.788	-	3.1	20	62	0
n-Propylbenzene	3.345	3.848	-	-15	20	71	0
1,4-Dichlorobutane	0.923	1.069	-	-15.8	20	75	0
1,1,2,2-Tetrachloroethane	0.693	0.743	-	-7.2	20	68	0
4-Ethyltoluene	2.884	3.25	-	-12.7	20	70	0
2-Chlorotoluene	1.996	2.289	-	-14.7	20	73	0
1,3,5-Trimethylbenzene	2.487	2.772	-	-11.5	20	70	0
1,2,3-Trichloropropane	0.557	0.587	-	-5.4	20	68	0
trans-1,4-Dichloro-2-buten	0.216	0.255	-	-18.1	20	74	0
4-Chlorotoluene	2.07	2.315	-	-11.8	20	71	0
tert-Butylbenzene	2.16	2.364	-	-9.4	20	68	0
1,2,4-Trimethylbenzene	2.461	2.746	-	-11.6	20	70	0
sec-Butylbenzene	3.21	3.694	-	-15.1	20	71	0
p-Isopropyltoluene	2.771	3.103	-	-12	20	69	0
1,3-Dichlorobenzene	1.529	1.607	-	-5.1	20	67	0
1,4-Dichlorobenzene	1.551	1.623	-	-4.6	20	67	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		**Lab Number**	: L2600637	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E	
Instrument ID	: VOA100		**Calibration Date**	: 01/09/26 08:30	
Lab File ID	: V00260109A01		**Init. Calib. Date(s)**	: 12/23/25	12/23/25
Sample No	: WG2164111-2		**Init. Calib. Times**	: 16:03	20:24
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.676	1.874	-	-11.8	20	69	0
n-Butylbenzene	2.466	2.986	-	-21.1*	20	74	0
1,2-Dichlorobenzene	1.44	1.497	-	-4	20	66	0
1,2,4,5-Tetramethylbenzene	2.499	2.868	-	-14.8	20	71	0
1,2-Dibromo-3-chloropropan	0.141	0.127	-	9.9	20	57	.01
1,3,5-Trichlorobenzene	1.217	1.261	-	-3.6	20	65	0
Hexachlorobutadiene	0.637	0.629	-	1.3	20	61	0
1,2,4-Trichlorobenzene	1.082	1.109	-	-2.5	20	65	0
Naphthalene	2.193	2.222	-	-1.3	20	65	0
1,2,3-Trichlorobenzene	1.001	1.009	-	-0.8	20	64	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		Lab Number	: L2600637	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E	
Instrument ID	: VOA104		Calibration Date	: 01/12/26 10:34	
Lab File ID	: V04260112B01		Init. Calib. Date(s)	: 11/19/25	11/19/25
Sample No	: WG2164207-2		Init. Calib. Times	: 18:33	23:21
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	114	0
Dichlorodifluoromethane	0.365	0.327	-	10.4	20	106	0
Chloromethane	0.375	0.331	-	11.7	20	103	0
Vinyl chloride	0.368	0.354	-	3.8	20	108	0
Bromomethane	0.206	0.264	-	-28.2*	20	144	0
Chloroethane	0.213	0.206	-	3.3	20	103	0
Trichlorofluoromethane	0.435	0.47	-	-8	20	120	0
Ethyl ether	0.136	0.153	-	-12.5	20	128	0
1,1-Dichloroethene	0.25	0.296	-	-18.4	20	135	0
Carbon disulfide	0.916	1.027	-	-12.1	20	131	0
Freon-113	0.247	0.3	-	-21.5*	20	131	0
Acrolein	0.026	0.015	-	42.3*	20	69	0
Methylene chloride	0.314	0.325	-	-3.5	20	128	0
Acetone	40	17.352	-	56.6*	20	53	0
trans-1,2-Dichloroethene	0.28	0.313	-	-11.8	20	129	0
Methyl acetate	0.105	0.096	-	8.6	20	103	0
Methyl tert-butyl ether	0.693	0.753	-	-8.7	20	121	0
tert-Butyl alcohol	0.023	0.021	-	8.7	20	102	0
Diisopropyl ether	0.871	0.785	-	9.9	20	100	0
1,1-Dichloroethane	0.524	0.525	-	-0.2	20	113	0
Halothane	0.217	0.232	-	-6.9	20	119	0
Acrylonitrile	0.055	0.051	-	7.3	20	105	0
Ethyl tert-butyl ether	0.813	0.775	-	4.7	20	105	0
Vinyl acetate	0.503	0.42	-	16.5	20	90	0
cis-1,2-Dichloroethene	0.316	0.333	-	-5.4	20	123	0
2,2-Dichloropropane	0.431	0.45	-	-4.4	20	119	0
Bromochloromethane	0.147	0.139	-	5.4	20	109	0
Cyclohexane	0.426	0.436	-	-2.3	20	116	0
Chloroform	40	42.286	-	-5.7	20	117	0
Ethyl acetate	0.172	0.149	-	13.4	20	98	0
Carbon tetrachloride	0.402	0.409	-	-1.7	20	114	0
Tetrahydrofuran	0.063	0.057	-	9.5	20	100	0
Dibromofluoromethane	0.287	0.257	-	10.5	20	102	0
1,1,1-Trichloroethane	0.418	0.447	-	-6.9	20	120	0
2-Butanone	40	32.833	-	17.9	20	92	0
1,1-Dichloropropene	0.33	0.387	-	-17.3	20	129	0
Benzene	0.982	1.089	-	-10.9	20	122	0
tert-Amyl methyl ether	0.683	0.706	-	-3.4	20	117	0
1,2-Dichloroethane-d4	0.255	0.205	-	19.6	20	93	0
1,2-Dichloroethane	0.348	0.303	-	12.9	20	100	0
Methyl cyclohexane	0.411	0.494	-	-20.2*	20	133	0
Trichloroethene	0.261	0.31	-	-18.8	20	127	0
Dibromomethane	0.17	0.164	-	3.5	20	114	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		Lab Number	: L2600637	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E	
Instrument ID	: VOA104		Calibration Date	: 01/12/26 10:34	
Lab File ID	: V04260112B01		Init. Calib. Date(s)	: 11/19/25	11/19/25
Sample No	: WG2164207-2		Init. Calib. Times	: 18:33	23:21
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.285	0.277	-	2.8	20	111	0
2-Chloroethyl vinyl ether	0.146	0.079	-	45.9*	20	59	0
Bromodichloromethane	0.388	0.395	-	-1.8	20	113	0
1,4-Dioxane	2000	2163.698	-	-8.2	20	118	0
cis-1,3-Dichloropropene	0.419	0.461	-	-10	20	117	0
Chlorobenzene-d5	1	1	-	0	20	104	0
Toluene-d8	1.286	1.366	-	-6.2	20	109	0
Toluene	0.854	0.97	-	-13.6	20	121	0
4-Methyl-2-pentanone	0.094	0.097	-	-3.2	20	105	0
Tetrachloroethene	40	46.608	-	-16.5	20	123	0
trans-1,3-Dichloropropene	0.463	0.537	-	-16	20	114	0
Ethyl methacrylate	0.348	0.393	-	-12.9	20	117	0
1,1,2-Trichloroethane	0.253	0.275	-	-8.7	20	120	0
Chlorodibromomethane	0.391	0.407	-	-4.1	20	104	0
1,3-Dichloropropane	0.445	0.52	-	-16.9	20	119	0
1,2-Dibromoethane	0.279	0.325	-	-16.5	20	114	0
2-Hexanone	0.159	0.142	-	10.7	20	91	0
Chlorobenzene	0.958	1.102	-	-15	20	115	0
Ethylbenzene	1.532	1.876	-	-22.5*	20	123	0
1,1,1,2-Tetrachloroethane	0.365	0.386	-	-5.8	20	104	0
p/m Xylene	0.582	0.695	-	-19.4	20	119	0
o Xylene	0.59	0.687	-	-16.4	20	116	0
Styrene	0.955	1.091	-	-14.2	20	114	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	99	0
Bromoform	0.472	0.483	-	-2.3	20	101	0
Isopropylbenzene	2.881	3.502	-	-21.6*	20	120	0
4-Bromofluorobenzene	0.862	0.961	-	-11.5	20	110	0
Bromobenzene	0.805	0.887	-	-10.2	20	108	0
n-Propylbenzene	3.29	4.213	-	-28.1*	20	124	0
1,4-Dichlorobutane	0.855	0.856	-	-0.1	20	99	0
1,1,2,2-Tetrachloroethane	0.668	0.736	-	-10.2	20	115	0
4-Ethyltoluene	2.746	3.393	-	-23.6*	20	121	0
2-Chlorotoluene	1.962	2.404	-	-22.5*	20	120	0
1,3,5-Trimethylbenzene	2.371	2.84	-	-19.8	20	117	0
1,2,3-Trichloropropane	0.462	0.511	-	-10.6	20	113	0
trans-1,4-Dichloro-2-buten	0.181	0.159	-	12.2	20	94	0
4-Chlorotoluene	1.991	2.438	-	-22.5*	20	121	0
tert-Butylbenzene	2.061	2.403	-	-16.6	20	114	0
1,2,4-Trimethylbenzene	2.389	2.787	-	-16.7	20	115	0
sec-Butylbenzene	3.02	3.753	-	-24.3*	20	120	0
p-Isopropyltoluene	2.611	3.116	-	-19.3	20	116	0
1,3-Dichlorobenzene	1.417	1.596	-	-12.6	20	110	0
1,4-Dichlorobenzene	1.473	1.609	-	-9.2	20	111	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2600637		
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E		
Instrument ID	: VOA104	**Calibration Date**	: 01/12/26 10:34		
Lab File ID	: V04260112B01	**Init. Calib. Date(s)**	: 11/19/25	11/19/25	
Sample No	: WG2164207-2	**Init. Calib. Times**	: 18:33	23:21	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.564	1.871	-	-19.6	20	118	0
n-Butylbenzene	2.329	3.014	-	-29.4*	20	125	0
1,2-Dichlorobenzene	1.361	1.48	-	-8.7	20	108	0
1,2,4,5-Tetramethylbenzene	2.428	2.907	-	-19.7	20	117	0
1,2-Dibromo-3-chloropropan	0.109	0.113	-	-3.7	20	101	0
1,3,5-Trichlorobenzene	1.086	1.335	-	-22.9*	20	120	0
Hexachlorobutadiene	0.553	0.738	-	-33.5*	20	127	0
1,2,4-Trichlorobenzene	0.897	1.08	-	-20.4*	20	116	0
Naphthalene	1.621	1.797	-	-10.9	20	112	0
1,2,3-Trichlorobenzene	0.758	0.86	-	-13.5	20	111	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A01.D
Acq On : 09 Jan 2026 08:30 am
Operator : VOA100:AJK
Sample : WG2164110-2
Misc : WG2164110,ICAL22914
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 09 09:19:26 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	69	0.00
2	TP	Dichlorodifluoromethane	0.299	0.326	-9.0	71	0.00
3	TP	Chloromethane	0.310	0.422	-36.1#	92	0.00
4	TP	Vinyl chloride	0.308	0.391	-26.9#	83	0.00
5	TP	Bromomethane	0.161	0.203	-26.1#	85	0.00
6	TP	Chloroethane	0.193	0.234	-21.2#	78	0.00
7	TP	Trichlorofluoromethane	0.424	0.478	-12.7	75	0.00
8	TP	Ethyl ether	0.152	0.163	-7.2	72	0.00
10	TP	1,1-Dichloroethene	0.250	0.274	-9.6	70	0.00
11	TP	Carbon disulfide	1.013	1.066	-5.2	78	0.00
12	TP	Freon-113	0.249	0.280	-12.4	72	0.00
14	TP	Acrolein	0.022	0.023	-4.5	69	0.00
15	TP	Methylene chloride	0.309	0.321	-3.9	73	0.00
17	TP	Acetone	0.139	0.111	20.1#	58	0.00
18	TP	trans-1,2-Dichloroethene	0.286	0.306	-7.0	70	0.00
19	TP	Methyl acetate	0.186	0.204	-9.7	80	0.00
20	TP	Methyl tert-butyl ether	0.800	0.875	-9.4	73	0.00
21	TP	tert-Butyl alcohol	0.030	0.032	-6.7	71	0.00
22	TP	Diisopropyl ether	0.893	1.174	-31.5#	86	0.00
23	TP	1,1-Dichloroethane	0.513	0.594	-15.8	77	0.00
24	TP	Halothane	0.222	0.231	-4.1	68	0.00
25	TP	Acrylonitrile	0.084	0.099	-17.9	76	0.00
26	TP	Ethyl tert-butyl ether	0.832	0.987	-18.6	78	0.00
27	TP	Vinyl acetate	0.703	0.895	-27.3#	85	0.00
28	TP	cis-1,2-Dichloroethene	0.317	0.336	-6.0	70	0.00
29	TP	2,2-Dichloropropane	0.437	0.508	-16.2	78	0.00
31	TP	Bromochloromethane	0.154	0.157	-1.9	67	0.00
32	TP	Cyclohexane	0.458	0.569	-24.2#	80	0.00
33	TP	Chloroform	0.547	0.599	-9.5	73	0.00
34	TP	Ethyl acetate	0.273	0.310	-13.6	80	0.00
35	TP	Carbon tetrachloride	0.430	0.457	-6.3	70	0.00
36	TP	Tetrahydrofuran	0.096	0.101	-5.2	84	0.00
37	S	Dibromofluoromethane	0.278	0.272	2.2	68	0.00
38	TP	1,1,1-Trichloroethane	0.442	0.508	-14.9	73	0.00
40	TP	2-Butanone	0.120	0.142	-18.3	84	0.00
41	TP	1,1-Dichloropropene	0.365	0.437	-19.7	76	0.00
42	TP	Benzene	1.058	1.204	-13.8	74	0.00
43	TP	tert-Amyl methyl ether	0.771	0.846	-9.7	73	0.01
44	S	1,2-Dichloroethane-d4	0.276	0.284	-2.9	74	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A01.D
Acq On : 09 Jan 2026 08:30 am
Operator : VOA100:AJK
Sample : WG2164110-2
Misc : WG2164110,ICAL22914
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 09 09:19:26 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	TP	1,2-Dichloroethane	0.378	0.430	-13.8	77	0.00
48	TP	Methyl cyclohexane	0.479	0.551	-15.0	73	0.00
49	TP	Trichloroethene	0.292	0.328	-12.3	72	0.00
51	TP	Dibromomethane	0.184	0.193	-4.9	70	0.00
52	TP	1,2-Dichloropropane	0.284	0.323	-13.7	75	0.01
54	TP	2-Chloroethyl vinyl ether	0.155	0.172	-11.0	73	0.00
55	TP	Bromodichloromethane	0.414	0.459	-10.9	73	0.00
58	TP	1,4-Dioxane	0.00243	0.00242#	0.4	62	0.00
59	TP	cis-1,3-Dichloropropene	0.474	0.538	-13.5	74	0.00
60	I	Chlorobenzene-d5	1.000	1.000	0.0	68	0.00
61	S	Toluene-d8	1.285	1.316	-2.4	69	0.00
62	TP	Toluene	0.885	0.982	-11.0	71	0.00
63	TP	4-Methyl-2-pentanone	0.112	0.123	-9.8	68	0.00
64	TP	Tetrachloroethene	0.427	0.433	-1.4	63	0.00
66	TP	trans-1,3-Dichloropropene	0.540	0.622	-15.2	74	0.00
68	TP	Ethyl methacrylate	0.428	0.459	-7.2	68	0.00
69	TP	1,1,2-Trichloroethane	0.254	0.283	-11.4	72	0.00
70	TP	Chlorodibromomethane	0.412	0.429	-4.1	66	0.00
71	TP	1,3-Dichloropropane	0.520	0.574	-10.4	72	0.00
72	TP	1,2-Dibromoethane	0.314	0.329	-4.8	66	0.00
73	TP	2-Hexanone	0.227	0.250	-10.1	72	0.00
74	TP	Chlorobenzene	1.011	1.076	-6.4	68	0.00
75	TP	Ethylbenzene	1.677	1.871	-11.6	72	0.00
76	TP	1,1,1,2-Tetrachloroethane	0.382	0.407	-6.5	67	0.01
77	TP	p/m Xylene	0.656	0.723	-10.2	70	0.00
78	TP	o Xylene	0.648	0.699	-7.9	69	0.00
79	TP	Styrene	1.091	1.205	-10.4	70	0.00
80	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	66	0.00
81	TP	Bromoform	0.506	0.484	4.3	61	0.00
83	TP	Isopropylbenzene	2.938	3.314	-12.8	70	0.00
84	S	4-Bromofluorobenzene	0.797	0.843	-5.8	70	0.00
85	TP	Bromobenzene	0.813	0.788	3.1	62	0.00
86	TP	n-Propylbenzene	3.345	3.848	-15.0	71	0.00
87	TP	1,4-Dichlorobutane	0.923	1.069	-15.8	75	0.00
88	TP	1,1,2,2-Tetrachloroethane	0.693	0.743	-7.2	68	0.00
89	TP	4-Ethyltoluene	2.884	3.250	-12.7	70	0.00
90	TP	2-Chlorotoluene	1.996	2.289	-14.7	73	0.00

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A01.D
Acq On : 09 Jan 2026 08:30 am
Operator : VOA100:AJK
Sample : WG2164110-2
Misc : WG2164110,ICAL22914
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 09 09:19:26 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 TP	1,3,5-Trimethylbenzene	2.487	2.772	-11.5	70	0.00
92 TP	1,2,3-Trichloropropane	0.557	0.587	-5.4	68	0.00
93 TP	trans-1,4-Dichloro-2-butene	0.216	0.255	-18.1	74	0.00
94 TP	4-Chlorotoluene	2.070	2.315	-11.8	71	0.00
95 TP	tert-Butylbenzene	2.160	2.364	-9.4	68	0.00
98 TP	1,2,4-Trimethylbenzene	2.461	2.746	-11.6	70	0.00
99 TP	sec-Butylbenzene	3.210	3.694	-15.1	71	0.00
100 TP	p-Isopropyltoluene	2.771	3.103	-12.0	69	0.00
101 TP	1,3-Dichlorobenzene	1.529	1.607	-5.1	67	0.00
102 TP	1,4-Dichlorobenzene	1.551	1.623	-4.6	67	0.00
103 TP	p-Diethylbenzene	1.676	1.874	-11.8	69	0.00
104 TP	n-Butylbenzene	2.466	2.986	-21.1#	74	0.00
105 TP	1,2-Dichlorobenzene	1.440	1.497	-4.0	66	0.00
106 TP	1,2,4,5-Tetramethylbenzene	2.499	2.868	-14.8	71	0.00
107 TP	1,2-Dibromo-3-chloropropane	0.141	0.127	9.9	57	0.01
108 TP	1,3,5-Trichlorobenzene	1.217	1.261	-3.6	65	0.00
109 TP	Hexachlorobutadiene	0.637	0.629	1.3	61	0.00
110 TP	1,2,4-Trichlorobenzene	1.082	1.109	-2.5	65	0.00
111 TP	Naphthalene	2.193	2.222	-1.3	65	0.00
112 TP	1,2,3-Trichlorobenzene	1.001	1.009	-0.8	64	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 1 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A01.D
Acq On : 09 Jan 2026 08:30 am
Operator : VOA100:AJK
Sample : WG2164110-2
Misc : WG2164110,ICAL22914
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 09 09:19:26 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.233	96	151439	20.000 ug/L	0.00
Standard Area 1 = 151439			Recovery = 100.00%		
60) Chlorobenzene-d5	9.798	117	117500	20.000 ug/L	0.00
Standard Area 1 = 117500			Recovery = 100.00%		
80) 1,4-Dichlorobenzene-d4	12.461	152	67544	20.000 ug/L	0.00
Standard Area 1 = 67544			Recovery = 100.00%		
System Monitoring Compounds					
37) Dibromofluoromethane	5.409	113	41117	19.545 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.73%		
44) 1,2-Dichloroethane-d4	5.939	65	42957	20.546 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.73%		
61) Toluene-d8	7.942	98	154670	20.484 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.42%		
84) 4-Bromofluorobenzene	11.266	95	56935	21.151 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.76%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.781	85	98710	43.655 ug/L #	81
3) Chloromethane	2.007	50	127879	54.393 ug/L	96
4) Vinyl chloride	2.054	62	118394	50.779 ug/L	85
5) Bromomethane	2.374	94	61602	50.609 ug/L	100
6) Chloroethane	2.505	64	71019	48.671 ug/L	87
7) Trichlorofluoromethane	2.646	101	144888	45.137 ug/L	99
8) Ethyl ether	2.950	74	49506	43.140 ug/L #	85
10) 1,1-Dichloroethene	3.150	96	82906	43.868 ug/L	97
11) Carbon disulfide	3.186	76	322945	42.119 ug/L	99
12) Freon-113	3.186	101	84745	45.006 ug/L	99
14) Acrolein	3.454	56	7076	43.015 ug/L	96
15) Methylene chloride	3.705	84	97342	41.594 ug/L #	73
17) Acetone	3.726	43	33595	31.902 ug/L #	87
18) trans-1,2-Dichloroethene	3.863	96	92726	42.755 ug/L	97
19) Methyl acetate	3.858	43	61777	43.922 ug/L #	78
20) Methyl tert-butyl ether	3.957	73	265130	43.769 ug/L #	90
21) tert-Butyl alcohol	4.025	59	47850	208.638 ug/L #	85
22) Diisopropyl ether	4.324	45	355444	52.594 ug/L #	92
23) 1,1-Dichloroethane	4.445	63	179933	46.304 ug/L	100
24) Halothane	4.492	117	69900	41.593 ug/L	98
25) Acrylonitrile	4.471	53	30058	47.381 ug/L	92

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A01.D
Acq On : 09 Jan 2026 08:30 am
Operator : VOA100:AJK
Sample : WG2164110-2
Misc : WG2164110,ICAL22914
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 09 09:19:26 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	298807	47.458	ug/L	#	73
27) Vinyl acetate	4.675	43	271008	50.919	ug/L	#	89
28) cis-1,2-Dichloroethene	4.969	96	101685	42.307	ug/L		99
29) 2,2-Dichloropropane	5.074	77	153935	46.480	ug/L	#	81
31) Bromochloromethane	5.163	128	47460	40.722	ug/L	#	78
32) Cyclohexane	5.189	56	172328	49.687	ug/L		89
33) Chloroform	5.231	83	181295	43.738	ug/L		96
34) Ethyl acetate	5.336	43	93986	45.433	ug/L	#	88
35) Carbon tetrachloride	5.389	117	138382	42.547	ug/L		99
36) Tetrahydrofuran	5.383	42	30687	42.414	ug/L	#	74
38) 1,1,1-Trichloroethane	5.446	97	153787	45.952	ug/L		100
40) 2-Butanone	5.514	43	43114	47.597	ug/L	#	88
41) 1,1-Dichloropropene	5.572	75	132250	47.911	ug/L		99
42) Benzene	5.813	78	364727	45.527	ug/L		95
43) tert-Amyl methyl ether	5.929	73	256292	43.884	ug/L		97
45) 1,2-Dichloroethane	6.007	62	130219	45.471	ug/L		99
48) Methyl cyclohexane	6.427	83	167035	46.017	ug/L		87
49) Trichloroethene	6.416	95	99473	44.975	ug/L		98
51) Dibromomethane	6.851	93	58343	41.782	ug/L		99
52) 1,2-Dichloropropane	6.956	63	97717	45.501	ug/L		99
54) 2-Chloroethyl vinyl ether	7.648	63	51996	44.352	ug/L	#	100
55) Bromodichloromethane	7.030	83	138930	44.334	ug/L		100
58) 1,4-Dioxane	7.234	88	36643	1994.606	ug/L	#	89
59) cis-1,3-Dichloropropene	7.722	75	163062	45.386	ug/L	#	78
62) Toluene	8.005	92	230740	44.373	ug/L		95
63) 4-Methyl-2-pentanone	8.414	58	28965	43.864	ug/L	#	40
64) Tetrachloroethene	8.461	166	101668	40.519	ug/L		98
66) trans-1,3-Dichloropropene	8.471	75	146266	46.071	ug/L		84
68) Ethyl methacrylate	8.665	69	107795	42.866	ug/L		89
69) 1,1,2-Trichloroethane	8.660	83	66390	44.472	ug/L		98
70) Chlorodibromomethane	8.880	129	100809	41.682	ug/L		100
71) 1,3-Dichloropropane	8.985	76	135007	44.200	ug/L		99
72) 1,2-Dibromoethane	9.158	107	77331	41.883	ug/L		98
73) 2-Hexanone	9.431	43	58730	44.015	ug/L	#	76
74) Chlorobenzene	9.819	112	252939	42.570	ug/L		98
75) Ethylbenzene	9.861	91	439626	44.624	ug/L		99
76) 1,1,1,2-Tetrachloroethane	9.903	131	95588	42.586	ug/L		100
77) p/m Xylene	10.050	106	339772	88.182	ug/L		99
78) o Xylene	10.574	106	328317	86.211	ug/L		99
79) Styrene	10.637	104	566564	88.414	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A01.D
Acq On : 09 Jan 2026 08:30 am
Operator : VOA100:AJK
Sample : WG2164110-2
Misc : WG2164110,ICAL22914
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 09 09:19:26 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81)	Bromoform	10.658	173	65402	38.236	ug/L	99
83)	Isopropylbenzene	10.951	105	447711	45.129	ug/L	100
85)	Bromobenzene	11.376	156	106453	38.772	ug/L	100
86)	n-Propylbenzene	11.423	91	519798	46.013	ug/L	99
87)	1,4-Dichlorobutane	11.423	55	144450	46.336	ug/L	98
88)	1,1,2,2-Tetrachloroethane	11.491	83	100434	42.932	ug/L	97
89)	4-Ethyltoluene	11.549	105	439012	45.073	ug/L	100
90)	2-Chlorotoluene	11.586	91	309172M6	45.875	ug/L	
91)	1,3,5-Trimethylbenzene	11.643	105	374470	44.577	ug/L	100
92)	1,2,3-Trichloropropane	11.633	75	79318	42.160	ug/L	100
93)	trans-1,4-Dichloro-2-b...	11.680	53	34381	47.179	ug/L	93
94)	4-Chlorotoluene	11.769	91	312685	44.727	ug/L	99
95)	tert-Butylbenzene	11.984	119	319370	43.771	ug/L	98
98)	1,2,4-Trimethylbenzene	12.058	105	371000	44.639	ug/L	99
99)	sec-Butylbenzene	12.173	105	498964	46.032	ug/L	98
100)	p-Isopropyltoluene	12.325	119	419213	44.793	ug/L	99
101)	1,3-Dichlorobenzene	12.388	146	217023	42.039	ug/L	99
102)	1,4-Dichlorobenzene	12.477	146	219290	41.878	ug/L	99
103)	p-Diethylbenzene	12.697	119	253133	44.720	ug/L	99
104)	n-Butylbenzene	12.755	91	403306	48.425	ug/L	98
105)	1,2-Dichlorobenzene	12.902	146	202255	41.583	ug/L	99
106)	1,2,4,5-Tetramethylben...	13.484	119	387371	45.899	ug/L	99
107)	1,2-Dibromo-3-chloropr...	13.673	155	17177	35.980	ug/L	90
108)	1,3,5-Trichlorobenzene	13.714	180	170303	41.441	ug/L	99
109)	Hexachlorobutadiene	14.291	225	85020	39.545	ug/L	98
110)	1,2,4-Trichlorobenzene	14.307	180	149810	40.986	ug/L	99
111)	Naphthalene	14.595	128	300206	40.527	ug/L	100
112)	1,2,3-Trichlorobenzene	14.768	180	136265	40.301	ug/L	98

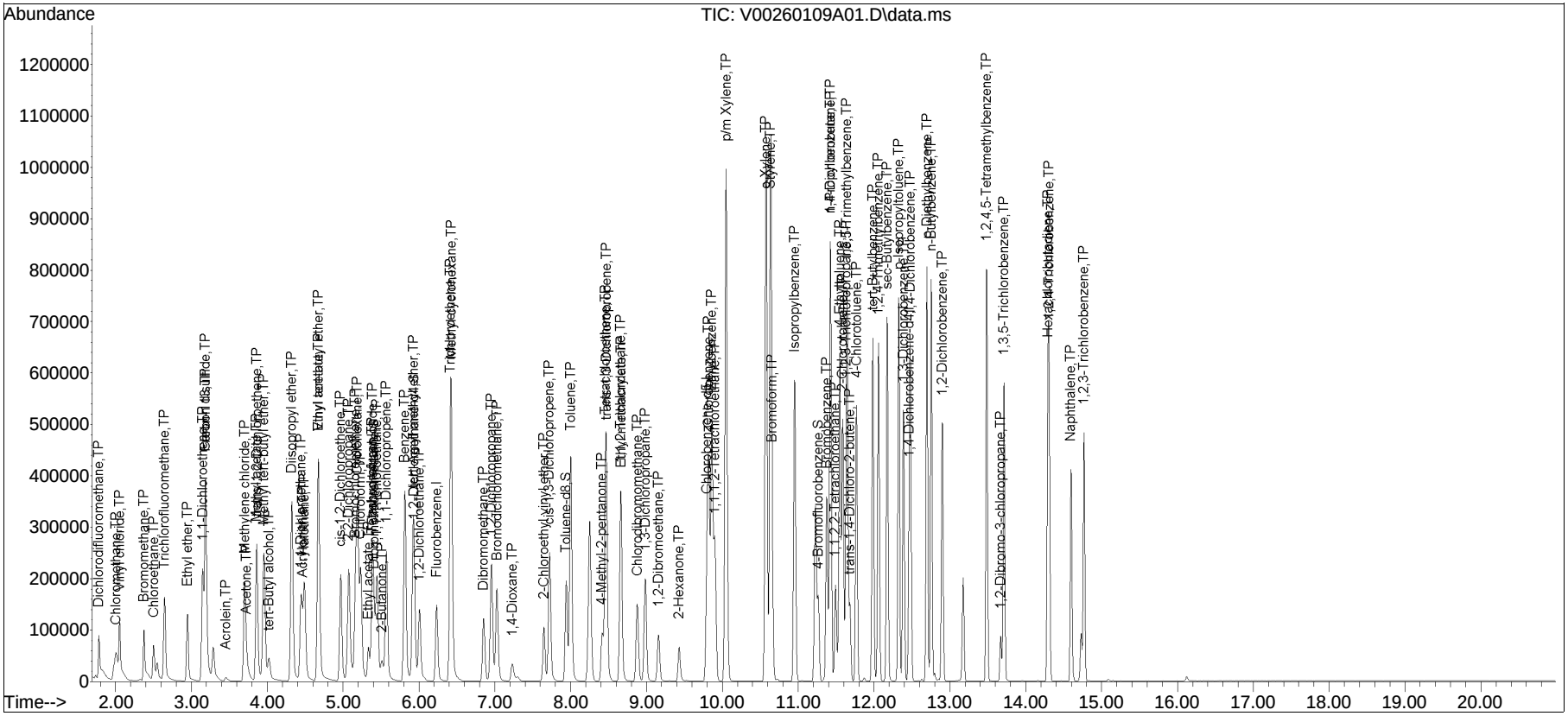
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A01.D
Acq On : 09 Jan 2026 08:30 am
Operator : VOA100:AJK
Sample : WG2164110-2
Misc : WG2164110,ICAL22914
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 09 09:19:26 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

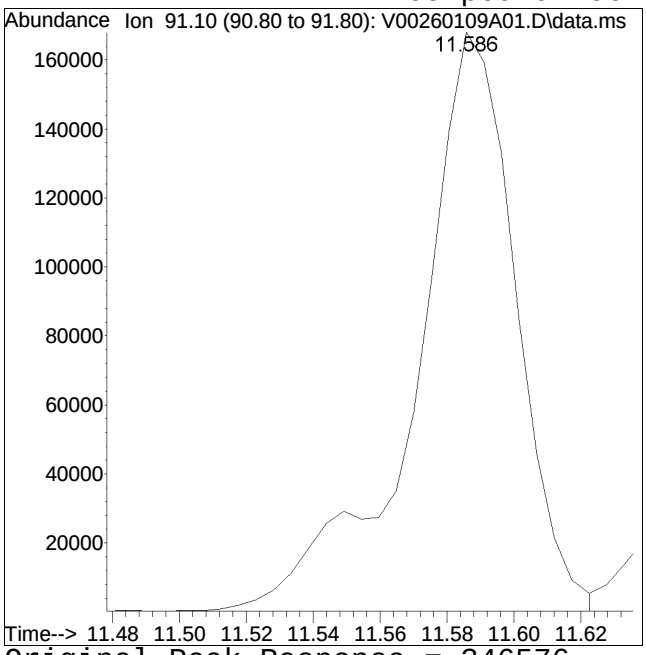
Sub List : 8260-CurveSoil - Megamix plus Diox09A01.D•



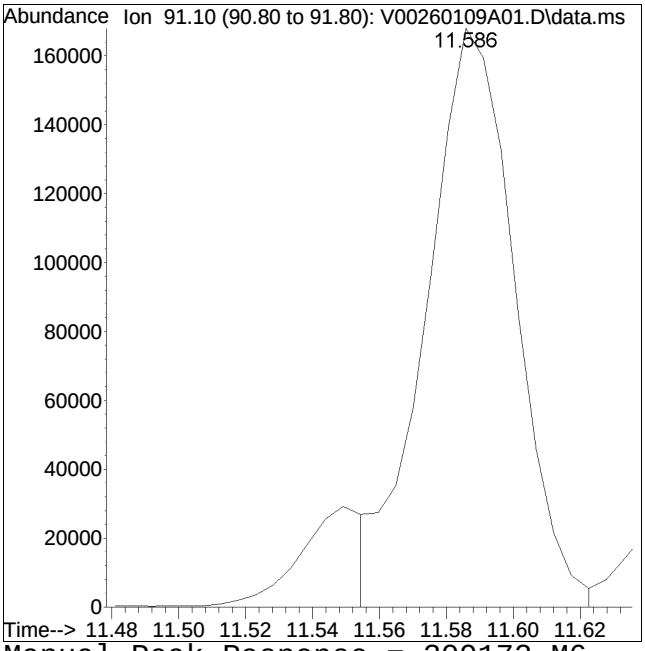
Manual Integration Report

Data Path	: K:\VOA100\2026\260109A\	QMethod	: V100_251223A_8260.m
Data File	: V00260109A01.D	Operator	: VOA100:AJK
Date Inj'd	: 1/9/2026 8:30 am	Instrument	: VOA100
Sample	: WG2164110-2	Quant Date	: 1/9/2026 9:16 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 346576



Manual Peak Response = 309172 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A01.D
Acq On : 09 Jan 2026 08:30 am
Operator : VOA100:AJK
Sample : WG2164111-2
Misc : WG2164111,ICAL22914
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 09 09:19:26 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	69	0.00
2	TP	Dichlorodifluoromethane	0.299	0.326	-9.0	71	0.00
3	TP	Chloromethane	0.310	0.422	-36.1#	92	0.00
4	TP	Vinyl chloride	0.308	0.391	-26.9#	83	0.00
5	TP	Bromomethane	0.161	0.203	-26.1#	85	0.00
6	TP	Chloroethane	0.193	0.234	-21.2#	78	0.00
7	TP	Trichlorofluoromethane	0.424	0.478	-12.7	75	0.00
8	TP	Ethyl ether	0.152	0.163	-7.2	72	0.00
10	TP	1,1-Dichloroethene	0.250	0.274	-9.6	70	0.00
11	TP	Carbon disulfide	1.013	1.066	-5.2	78	0.00
12	TP	Freon-113	0.249	0.280	-12.4	72	0.00
14	TP	Acrolein	0.022	0.023	-4.5	69	0.00
15	TP	Methylene chloride	0.309	0.321	-3.9	73	0.00
17	TP	Acetone	0.139	0.111	20.1#	58	0.00
18	TP	trans-1,2-Dichloroethene	0.286	0.306	-7.0	70	0.00
19	TP	Methyl acetate	0.186	0.204	-9.7	80	0.00
20	TP	Methyl tert-butyl ether	0.800	0.875	-9.4	73	0.00
21	TP	tert-Butyl alcohol	0.030	0.032	-6.7	71	0.00
22	TP	Diisopropyl ether	0.893	1.174	-31.5#	86	0.00
23	TP	1,1-Dichloroethane	0.513	0.594	-15.8	77	0.00
24	TP	Halothane	0.222	0.231	-4.1	68	0.00
25	TP	Acrylonitrile	0.084	0.099	-17.9	76	0.00
26	TP	Ethyl tert-butyl ether	0.832	0.987	-18.6	78	0.00
27	TP	Vinyl acetate	0.703	0.895	-27.3#	85	0.00
28	TP	cis-1,2-Dichloroethene	0.317	0.336	-6.0	70	0.00
29	TP	2,2-Dichloropropane	0.437	0.508	-16.2	78	0.00
31	TP	Bromochloromethane	0.154	0.157	-1.9	67	0.00
32	TP	Cyclohexane	0.458	0.569	-24.2#	80	0.00
33	TP	Chloroform	0.547	0.599	-9.5	73	0.00
34	TP	Ethyl acetate	0.273	0.310	-13.6	80	0.00
35	TP	Carbon tetrachloride	0.430	0.457	-6.3	70	0.00
36	TP	Tetrahydrofuran	0.096	0.101	-5.2	84	0.00
37	S	Dibromofluoromethane	0.278	0.272	2.2	68	0.00
38	TP	1,1,1-Trichloroethane	0.442	0.508	-14.9	73	0.00
40	TP	2-Butanone	0.120	0.142	-18.3	84	0.00
41	TP	1,1-Dichloropropene	0.365	0.437	-19.7	76	0.00
42	TP	Benzene	1.058	1.204	-13.8	74	0.00
43	TP	tert-Amyl methyl ether	0.771	0.846	-9.7	73	0.01
44	S	1,2-Dichloroethane-d4	0.276	0.284	-2.9	74	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A01.D
Acq On : 09 Jan 2026 08:30 am
Operator : VOA100:AJK
Sample : WG2164111-2
Misc : WG2164111,ICAL22914
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 09 09:19:26 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
45	TP	1,2-Dichloroethane	0.378	0.430	-13.8	77	0.00
48	TP	Methyl cyclohexane	0.479	0.551	-15.0	73	0.00
49	TP	Trichloroethene	0.292	0.328	-12.3	72	0.00
51	TP	Dibromomethane	0.184	0.193	-4.9	70	0.00
52	TP	1,2-Dichloropropane	0.284	0.323	-13.7	75	0.01
54	TP	2-Chloroethyl vinyl ether	0.155	0.172	-11.0	73	0.00
55	TP	Bromodichloromethane	0.414	0.459	-10.9	73	0.00
58	TP	1,4-Dioxane	0.00243	0.00242#	0.4	62	0.00
59	TP	cis-1,3-Dichloropropene	0.474	0.538	-13.5	74	0.00
60	I	Chlorobenzene-d5	1.000	1.000	0.0	68	0.00
61	S	Toluene-d8	1.285	1.316	-2.4	69	0.00
62	TP	Toluene	0.885	0.982	-11.0	71	0.00
63	TP	4-Methyl-2-pentanone	0.112	0.123	-9.8	68	0.00
64	TP	Tetrachloroethene	0.427	0.433	-1.4	63	0.00
66	TP	trans-1,3-Dichloropropene	0.540	0.622	-15.2	74	0.00
68	TP	Ethyl methacrylate	0.428	0.459	-7.2	68	0.00
69	TP	1,1,2-Trichloroethane	0.254	0.283	-11.4	72	0.00
70	TP	Chlorodibromomethane	0.412	0.429	-4.1	66	0.00
71	TP	1,3-Dichloropropane	0.520	0.574	-10.4	72	0.00
72	TP	1,2-Dibromoethane	0.314	0.329	-4.8	66	0.00
73	TP	2-Hexanone	0.227	0.250	-10.1	72	0.00
74	TP	Chlorobenzene	1.011	1.076	-6.4	68	0.00
75	TP	Ethylbenzene	1.677	1.871	-11.6	72	0.00
76	TP	1,1,1,2-Tetrachloroethane	0.382	0.407	-6.5	67	0.01
77	TP	p/m Xylene	0.656	0.723	-10.2	70	0.00
78	TP	o Xylene	0.648	0.699	-7.9	69	0.00
79	TP	Styrene	1.091	1.205	-10.4	70	0.00
80	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	66	0.00
81	TP	Bromoform	0.506	0.484	4.3	61	0.00
83	TP	Isopropylbenzene	2.938	3.314	-12.8	70	0.00
84	S	4-Bromofluorobenzene	0.797	0.843	-5.8	70	0.00
85	TP	Bromobenzene	0.813	0.788	3.1	62	0.00
86	TP	n-Propylbenzene	3.345	3.848	-15.0	71	0.00
87	TP	1,4-Dichlorobutane	0.923	1.069	-15.8	75	0.00
88	TP	1,1,2,2-Tetrachloroethane	0.693	0.743	-7.2	68	0.00
89	TP	4-Ethyltoluene	2.884	3.250	-12.7	70	0.00
90	TP	2-Chlorotoluene	1.996	2.289	-14.7	73	0.00

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A01.D
Acq On : 09 Jan 2026 08:30 am
Operator : VOA100:AJK
Sample : WG2164111-2
Misc : WG2164111,ICAL22914
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 09 09:19:26 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 TP	1,3,5-Trimethylbenzene	2.487	2.772	-11.5	70	0.00
92 TP	1,2,3-Trichloropropane	0.557	0.587	-5.4	68	0.00
93 TP	trans-1,4-Dichloro-2-butene	0.216	0.255	-18.1	74	0.00
94 TP	4-Chlorotoluene	2.070	2.315	-11.8	71	0.00
95 TP	tert-Butylbenzene	2.160	2.364	-9.4	68	0.00
98 TP	1,2,4-Trimethylbenzene	2.461	2.746	-11.6	70	0.00
99 TP	sec-Butylbenzene	3.210	3.694	-15.1	71	0.00
100 TP	p-Isopropyltoluene	2.771	3.103	-12.0	69	0.00
101 TP	1,3-Dichlorobenzene	1.529	1.607	-5.1	67	0.00
102 TP	1,4-Dichlorobenzene	1.551	1.623	-4.6	67	0.00
103 TP	p-Diethylbenzene	1.676	1.874	-11.8	69	0.00
104 TP	n-Butylbenzene	2.466	2.986	-21.1#	74	0.00
105 TP	1,2-Dichlorobenzene	1.440	1.497	-4.0	66	0.00
106 TP	1,2,4,5-Tetramethylbenzene	2.499	2.868	-14.8	71	0.00
107 TP	1,2-Dibromo-3-chloropropane	0.141	0.127	9.9	57	0.01
108 TP	1,3,5-Trichlorobenzene	1.217	1.261	-3.6	65	0.00
109 TP	Hexachlorobutadiene	0.637	0.629	1.3	61	0.00
110 TP	1,2,4-Trichlorobenzene	1.082	1.109	-2.5	65	0.00
111 TP	Naphthalene	2.193	2.222	-1.3	65	0.00
112 TP	1,2,3-Trichlorobenzene	1.001	1.009	-0.8	64	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 1 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A01.D
Acq On : 09 Jan 2026 08:30 am
Operator : VOA100:AJK
Sample : WG2164111-2
Misc : WG2164111,ICAL22914
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 09 09:19:26 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.233	96	151439	20.000 ug/L	0.00
Standard Area 1 = 151439			Recovery = 100.00%		
60) Chlorobenzene-d5	9.798	117	117500	20.000 ug/L	0.00
Standard Area 1 = 117500			Recovery = 100.00%		
80) 1,4-Dichlorobenzene-d4	12.461	152	67544	20.000 ug/L	0.00
Standard Area 1 = 67544			Recovery = 100.00%		
System Monitoring Compounds					
37) Dibromofluoromethane	5.409	113	41117	19.545 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.73%		
44) 1,2-Dichloroethane-d4	5.939	65	42957	20.546 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.73%		
61) Toluene-d8	7.942	98	154670	20.484 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.42%		
84) 4-Bromofluorobenzene	11.266	95	56935	21.151 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.76%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.781	85	98710	43.655 ug/L #	81
3) Chloromethane	2.007	50	127879	54.393 ug/L	96
4) Vinyl chloride	2.054	62	118394	50.779 ug/L	85
5) Bromomethane	2.374	94	61602	50.609 ug/L	100
6) Chloroethane	2.505	64	71019	48.671 ug/L	87
7) Trichlorofluoromethane	2.646	101	144888	45.137 ug/L	99
8) Ethyl ether	2.950	74	49506	43.140 ug/L #	85
10) 1,1-Dichloroethene	3.150	96	82906	43.868 ug/L	97
11) Carbon disulfide	3.186	76	322945	42.119 ug/L	99
12) Freon-113	3.186	101	84745	45.006 ug/L	99
14) Acrolein	3.454	56	7076	43.015 ug/L	96
15) Methylene chloride	3.705	84	97342	41.594 ug/L #	73
17) Acetone	3.726	43	33595	31.902 ug/L #	87
18) trans-1,2-Dichloroethene	3.863	96	92726	42.755 ug/L	97
19) Methyl acetate	3.858	43	61777	43.922 ug/L #	78
20) Methyl tert-butyl ether	3.957	73	265130	43.769 ug/L #	90
21) tert-Butyl alcohol	4.025	59	47850	208.638 ug/L #	85
22) Diisopropyl ether	4.324	45	355444	52.594 ug/L #	92
23) 1,1-Dichloroethane	4.445	63	179933	46.304 ug/L	100
24) Halothane	4.492	117	69900	41.593 ug/L	98
25) Acrylonitrile	4.471	53	30058	47.381 ug/L	92

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A01.D
Acq On : 09 Jan 2026 08:30 am
Operator : VOA100:AJK
Sample : WG2164111-2
Misc : WG2164111,ICAL22914
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 09 09:19:26 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	4.675	59	298807	47.458	ug/L	#	73
27) Vinyl acetate	4.675	43	271008	50.919	ug/L	#	89
28) cis-1,2-Dichloroethene	4.969	96	101685	42.307	ug/L		99
29) 2,2-Dichloropropane	5.074	77	153935	46.480	ug/L	#	81
31) Bromochloromethane	5.163	128	47460	40.722	ug/L	#	78
32) Cyclohexane	5.189	56	172328	49.687	ug/L		89
33) Chloroform	5.231	83	181295	43.738	ug/L		96
34) Ethyl acetate	5.336	43	93986	45.433	ug/L	#	88
35) Carbon tetrachloride	5.389	117	138382	42.547	ug/L		99
36) Tetrahydrofuran	5.383	42	30687	42.414	ug/L	#	74
38) 1,1,1-Trichloroethane	5.446	97	153787	45.952	ug/L		100
40) 2-Butanone	5.514	43	43114	47.597	ug/L	#	88
41) 1,1-Dichloropropene	5.572	75	132250	47.911	ug/L		99
42) Benzene	5.813	78	364727	45.527	ug/L		95
43) tert-Amyl methyl ether	5.929	73	256292	43.884	ug/L		97
45) 1,2-Dichloroethane	6.007	62	130219	45.471	ug/L		99
48) Methyl cyclohexane	6.427	83	167035	46.017	ug/L		87
49) Trichloroethene	6.416	95	99473	44.975	ug/L		98
51) Dibromomethane	6.851	93	58343	41.782	ug/L		99
52) 1,2-Dichloropropane	6.956	63	97717	45.501	ug/L		99
54) 2-Chloroethyl vinyl ether	7.648	63	51996	44.352	ug/L	#	100
55) Bromodichloromethane	7.030	83	138930	44.334	ug/L		100
58) 1,4-Dioxane	7.234	88	36643	1994.606	ug/L	#	89
59) cis-1,3-Dichloropropene	7.722	75	163062	45.386	ug/L	#	78
62) Toluene	8.005	92	230740	44.373	ug/L		95
63) 4-Methyl-2-pentanone	8.414	58	28965	43.864	ug/L	#	40
64) Tetrachloroethene	8.461	166	101668	40.519	ug/L		98
66) trans-1,3-Dichloropropene	8.471	75	146266	46.071	ug/L		84
68) Ethyl methacrylate	8.665	69	107795	42.866	ug/L		89
69) 1,1,2-Trichloroethane	8.660	83	66390	44.472	ug/L		98
70) Chlorodibromomethane	8.880	129	100809	41.682	ug/L		100
71) 1,3-Dichloropropane	8.985	76	135007	44.200	ug/L		99
72) 1,2-Dibromoethane	9.158	107	77331	41.883	ug/L		98
73) 2-Hexanone	9.431	43	58730	44.015	ug/L	#	76
74) Chlorobenzene	9.819	112	252939	42.570	ug/L		98
75) Ethylbenzene	9.861	91	439626	44.624	ug/L		99
76) 1,1,1,2-Tetrachloroethane	9.903	131	95588	42.586	ug/L		100
77) p/m Xylene	10.050	106	339772	88.182	ug/L		99
78) o Xylene	10.574	106	328317	86.211	ug/L		99
79) Styrene	10.637	104	566564	88.414	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A01.D
Acq On : 09 Jan 2026 08:30 am
Operator : VOA100:AJK
Sample : WG2164111-2
Misc : WG2164111,ICAL22914
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 09 09:19:26 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) Bromoform	10.658	173	65402	38.236	ug/L	99
83) Isopropylbenzene	10.951	105	447711	45.129	ug/L	100
85) Bromobenzene	11.376	156	106453	38.772	ug/L	100
86) n-Propylbenzene	11.423	91	519798	46.013	ug/L	99
87) 1,4-Dichlorobutane	11.423	55	144450	46.336	ug/L	98
88) 1,1,2,2-Tetrachloroethane	11.491	83	100434	42.932	ug/L	97
89) 4-Ethyltoluene	11.549	105	439012	45.073	ug/L	100
90) 2-Chlorotoluene	11.586	91	309172M6	45.875	ug/L	
91) 1,3,5-Trimethylbenzene	11.643	105	374470	44.577	ug/L	100
92) 1,2,3-Trichloropropane	11.633	75	79318	42.160	ug/L	100
93) trans-1,4-Dichloro-2-b...	11.680	53	34381	47.179	ug/L	93
94) 4-Chlorotoluene	11.769	91	312685	44.727	ug/L	99
95) tert-Butylbenzene	11.984	119	319370	43.771	ug/L	98
98) 1,2,4-Trimethylbenzene	12.058	105	371000	44.639	ug/L	99
99) sec-Butylbenzene	12.173	105	498964	46.032	ug/L	98
100) p-Isopropyltoluene	12.325	119	419213	44.793	ug/L	99
101) 1,3-Dichlorobenzene	12.388	146	217023	42.039	ug/L	99
102) 1,4-Dichlorobenzene	12.477	146	219290	41.878	ug/L	99
103) p-Diethylbenzene	12.697	119	253133	44.720	ug/L	99
104) n-Butylbenzene	12.755	91	403306	48.425	ug/L	98
105) 1,2-Dichlorobenzene	12.902	146	202255	41.583	ug/L	99
106) 1,2,4,5-Tetramethylben...	13.484	119	387371	45.899	ug/L	99
107) 1,2-Dibromo-3-chloropr...	13.673	155	17177	35.980	ug/L	90
108) 1,3,5-Trichlorobenzene	13.714	180	170303	41.441	ug/L	99
109) Hexachlorobutadiene	14.291	225	85020	39.545	ug/L	98
110) 1,2,4-Trichlorobenzene	14.307	180	149810	40.986	ug/L	99
111) Naphthalene	14.595	128	300206	40.527	ug/L	100
112) 1,2,3-Trichlorobenzene	14.768	180	136265	40.301	ug/L	98

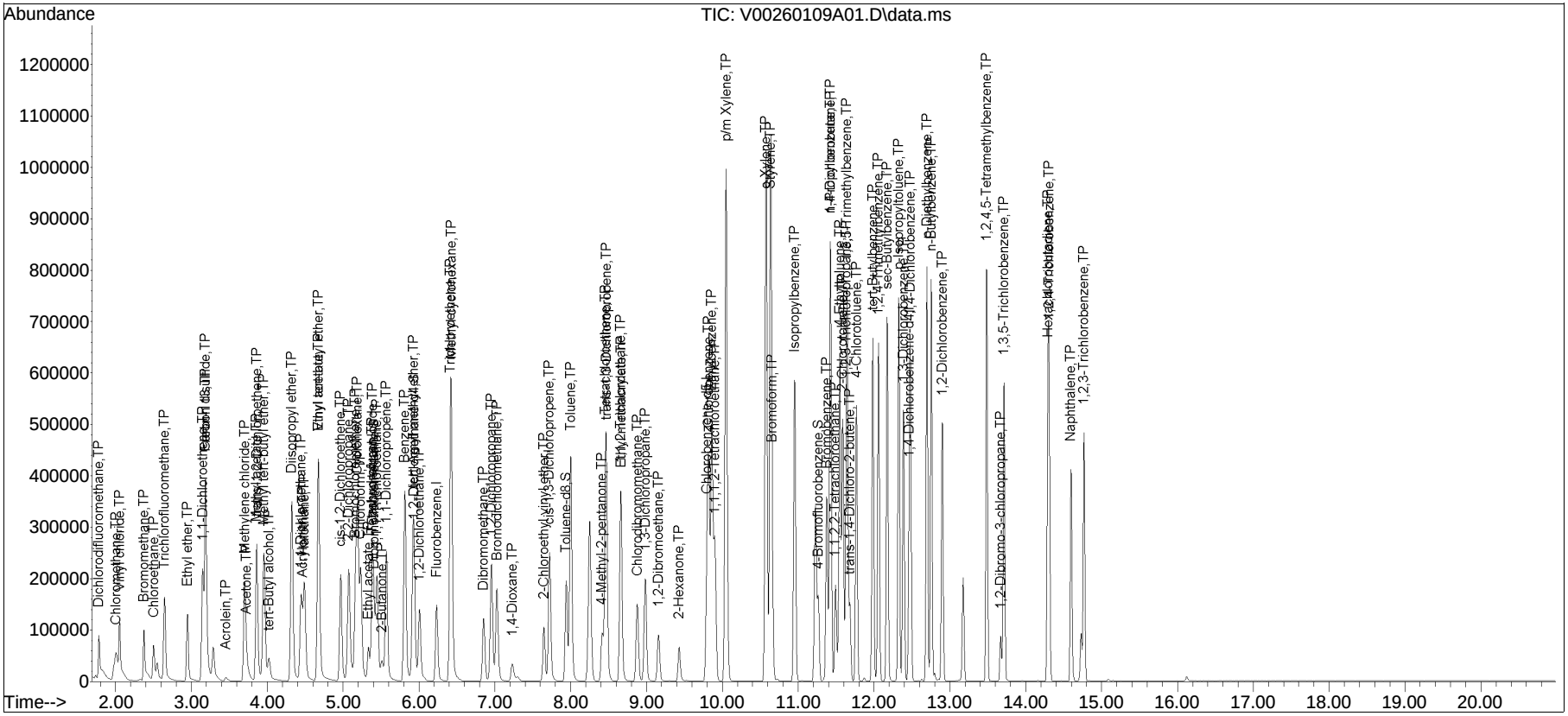
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A01.D
Acq On : 09 Jan 2026 08:30 am
Operator : VOA100:AJK
Sample : WG2164111-2
Misc : WG2164111,ICAL22914
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 09 09:19:26 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox09A01.D•

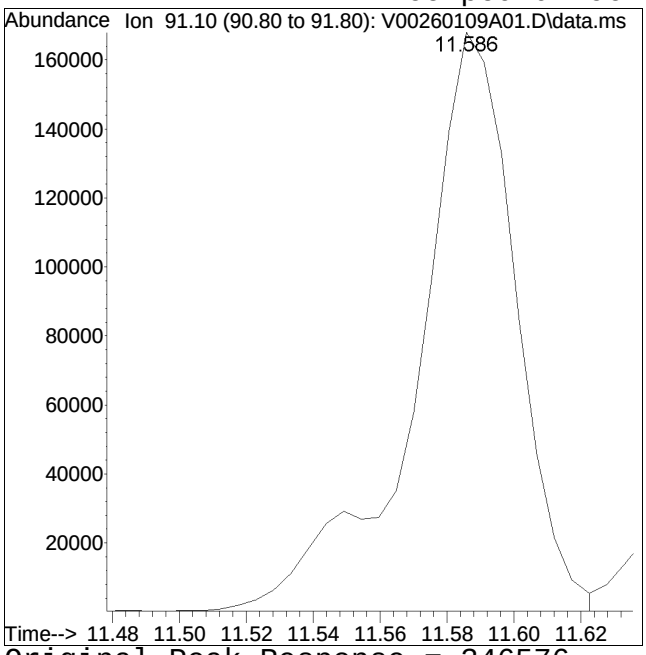


Manual Integration Report

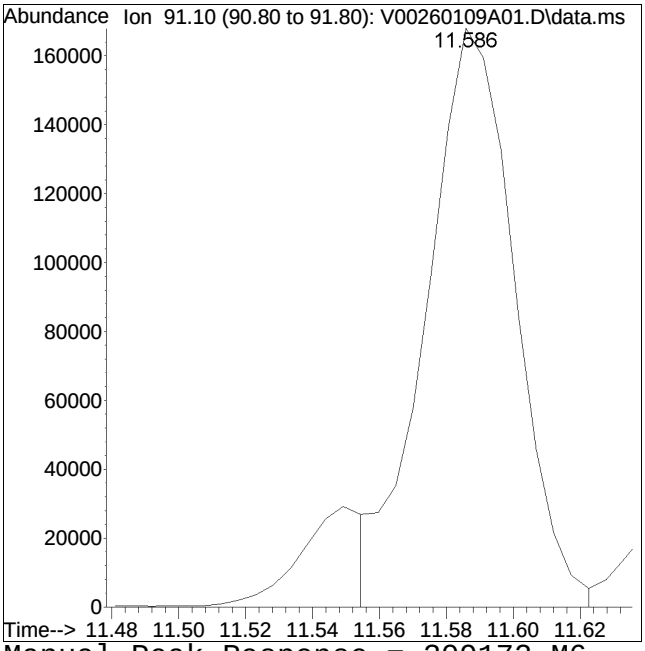
Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A01.D
Date Inj'd : 1/9/2026 8:30 am
Sample : WG2164111-2

QMethod : V100_251223A_8260.m
Operator : VOA100:AJK
Instrument : VOA100
Quant Date : 1/9/2026 9:16 am

Compound #90: 2-Chlorotoluene



Original Peak Response = 346576



Manual Peak Response = 309172 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B01.D
Acq On : 12 Jan 2026 10:34 am
Operator : VOA104:AJK
Sample : WG2164207-2
Misc : WG2164207,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 12 11:09:52 2026
Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene		1.000	1.000	0.0	114	0.00
2	TP	Dichlorodifluoromethane		0.365	0.327	10.4	106	0.00
3	TP	Chloromethane		0.375	0.331	11.7	103	0.00
4	TP	Vinyl chloride		0.368	0.354	3.8	108	0.00
5	TP	Bromomethane		0.206	0.264	-28.2#	144	0.00
6	TP	Chloroethane		0.213	0.206	3.3	103	0.00
7	TP	Trichlorofluoromethane		0.435	0.470	-8.0	120	0.00
8	TP	Ethyl ether		0.136	0.153	-12.5	128	0.00
10	TP	1,1-Dichloroethene		0.250	0.296	-18.4	135	0.00
11	TP	Carbon disulfide		0.916	1.027	-12.1	131	0.00
12	TP	Freon-113		0.247	0.300	-21.5#	131	0.00
14	TP	Acrolein		0.026	0.015	42.3#	69	0.00
15	TP	Methylene chloride		0.314	0.325	-3.5	128	0.00
17	TP	Acetone	*	40.000	17.352	56.6#	53	0.00
18	TP	trans-1,2-Dichloroethene		0.280	0.313	-11.8	129	0.00
19	TP	Methyl acetate		0.105	0.096	8.6	103	0.00
20	TP	Methyl tert-butyl ether		0.693	0.753	-8.7	121	0.00
21	TP	tert-Butyl alcohol		0.023	0.021	8.7	102	0.00
22	TP	Diisopropyl ether		0.871	0.785	9.9	100	0.00
23	TP	1,1-Dichloroethane		0.524	0.525	-0.2	113	0.00
24	TP	Halothane		0.217	0.232	-6.9	119	0.00
25	TP	Acrylonitrile		0.055	0.051	7.3	105	0.00
26	TP	Ethyl tert-butyl ether		0.813	0.775	4.7	105	0.00
27	TP	Vinyl acetate		0.503	0.420	16.5	90	0.00
28	TP	cis-1,2-Dichloroethene		0.316	0.333	-5.4	123	0.00
29	TP	2,2-Dichloropropane		0.431	0.450	-4.4	119	0.00
30	TP	Bromochloromethane		0.147	0.139	5.4	109	0.00
31	TP	Cyclohexane		0.426	0.436	-2.3	116	0.00
32	TP	Chloroform	*	40.000	42.286	-5.7	117	0.00
33	TP	Ethyl acetate		0.172	0.149	13.4	98	0.00
34	TP	Carbon tetrachloride		0.402	0.409	-1.7	114	0.00
35	TP	Tetrahydrofuran		0.063	0.057	9.5	100	0.00
36	S	Dibromofluoromethane		0.287	0.257	10.5	102	0.00
37	TP	1,1,1-Trichloroethane		0.418	0.447	-6.9	120	0.00
39	TP	2-Butanone	*	40.000	32.833	17.9	92	0.00
40	TP	1,1-Dichloropropene		0.330	0.387	-17.3	129	0.00
41	TP	Benzene		0.982	1.089	-10.9	122	0.00
42	TP	tert-Amyl methyl ether		0.683	0.706	-3.4	117	0.00
43	S	1,2-Dichloroethane-d4		0.255	0.205	19.6	93	0.00

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B01.D
Acq On : 12 Jan 2026 10:34 am
Operator : VOA104:AJK
Sample : WG2164207-2
Misc : WG2164207,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 12 11:09:52 2026
Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
44	TP	1,2-Dichloroethane	0.348	0.303	12.9	100	0.00
47	TP	Methyl cyclohexane	0.411	0.494	-20.2#	133	0.00
48	TP	Trichloroethene	0.261	0.310	-18.8	127	0.00
50	TP	Dibromomethane	0.170	0.164	3.5	114	0.00
51	TP	1,2-Dichloropropane	0.285	0.277	2.8	111	0.00
53	TP	2-Chloroethyl vinyl ether	0.146	0.079	45.9#	59	0.00
54	TP	Bromodichloromethane	0.388	0.395	-1.8	113	0.00
57	TP	1,4-Dioxane	*2000.000	2163.698	-8.2	118	0.00
58	TP	cis-1,3-Dichloropropene	0.419	0.461	-10.0	117	0.00
59	I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
60	S	Toluene-d8	1.286	1.366	-6.2	109	0.00
61	TP	Toluene	0.854	0.970	-13.6	121	0.00
62	TP	4-Methyl-2-pentanone	0.094	0.097	-3.2	105	0.00
63	TP	Tetrachloroethene	* 40.000	46.608	-16.5	123	0.00
65	TP	trans-1,3-Dichloropropene	0.463	0.537	-16.0	114	0.00
67	TP	Ethyl methacrylate	0.348	0.393	-12.9	117	0.00
68	TP	1,1,2-Trichloroethane	0.253	0.275	-8.7	120	0.00
69	TP	Chlorodibromomethane	0.391	0.407	-4.1	104	0.00
70	TP	1,3-Dichloropropane	0.445	0.520	-16.9	119	0.00
71	TP	1,2-Dibromoethane	0.279	0.325	-16.5	114	0.00
72	TP	2-Hexanone	0.159	0.142	10.7	91	0.00
73	TP	Chlorobenzene	0.958	1.102	-15.0	115	0.00
74	TP	Ethylbenzene	1.532	1.876	-22.5#	123	0.00
75	TP	1,1,1,2-Tetrachloroethane	0.365	0.386	-5.8	104	0.00
76	TP	p/m Xylene	0.582	0.695	-19.4	119	0.00
77	TP	o Xylene	0.590	0.687	-16.4	116	0.00
78	TP	Styrene	0.955	1.091	-14.2	114	0.00
79	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
80	TP	Bromoform	0.472	0.483	-2.3	101	0.00
82	TP	Isopropylbenzene	2.881	3.502	-21.6#	120	0.00
83	S	4-Bromofluorobenzene	0.862	0.961	-11.5	110	0.00
84	TP	Bromobenzene	0.805	0.887	-10.2	108	0.00
85	TP	n-Propylbenzene	3.290	4.213	-28.1#	124	0.00
86	TP	1,4-Dichlorobutane	0.855	0.856	-0.1	99	0.00
87	TP	1,1,2,2-Tetrachloroethane	0.668	0.736	-10.2	115	0.00
88	TP	4-Ethyltoluene	2.746	3.393	-23.6#	121	0.00
89	TP	2-Chlorotoluene	1.962	2.404	-22.5#	120	0.00

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B01.D
Acq On : 12 Jan 2026 10:34 am
Operator : VOA104:AJK
Sample : WG2164207-2
Misc : WG2164207,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 12 11:09:52 2026
Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 TP	1,3,5-Trimethylbenzene	2.371	2.840	-19.8	117	0.00
91 TP	1,2,3-Trichloropropane	0.462	0.511	-10.6	113	0.00
92 TP	trans-1,4-Dichloro-2-butene	0.181	0.159	12.2	94	0.00
93 TP	4-Chlorotoluene	1.991	2.438	-22.5#	121	0.00
94 TP	tert-Butylbenzene	2.061	2.403	-16.6	114	0.00
97 TP	1,2,4-Trimethylbenzene	2.389	2.787	-16.7	115	0.00
98 TP	sec-Butylbenzene	3.020	3.753	-24.3#	120	0.00
99 TP	p-Isopropyltoluene	2.611	3.116	-19.3	116	0.00
100 TP	1,3-Dichlorobenzene	1.417	1.596	-12.6	110	0.00
101 TP	1,4-Dichlorobenzene	1.473	1.609	-9.2	111	0.00
102 TP	p-Diethylbenzene	1.564	1.871	-19.6	118	0.00
103 TP	n-Butylbenzene	2.329	3.014	-29.4#	125	0.00
104 TP	1,2-Dichlorobenzene	1.361	1.480	-8.7	108	0.00
105 TP	1,2,4,5-Tetramethylbenzene	2.428	2.907	-19.7	117	0.00
106 TP	1,2-Dibromo-3-chloropropane	0.109	0.113	-3.7	101	0.00
107 TP	1,3,5-Trichlorobenzene	1.086	1.335	-22.9#	120	0.00
108 TP	Hexachlorobutadiene	0.553	0.738	-33.5#	127	0.00
109 TP	1,2,4-Trichlorobenzene	0.897	1.080	-20.4#	116	0.00
110 TP	Naphthalene	1.621	1.797	-10.9	112	0.00
111 TP	1,2,3-Trichlorobenzene	0.758	0.860	-13.5	111	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B01.D
Acq On : 12 Jan 2026 10:34 am
Operator : VOA104:AJK
Sample : WG2164207-2
Misc : WG2164207,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 12 11:09:52 2026
Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2026\260112B\V04260112B01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.377	96	342554	20.000	ug/L	0.00
Standard Area 1 = 342554			Recovery = 100.00%			
59) Chlorobenzene-d5	8.838	117	240588	20.000	ug/L	0.00
Standard Area 1 = 240588			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	11.674	152	123411	20.000	ug/L	0.00
Standard Area 1 = 123411			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.612	113	88004	17.911	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 89.56%			
43) 1,2-Dichloroethane-d4	5.110	65	70065	16.061	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 80.31%			
60) Toluene-d8	7.024	98	328700	21.255	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.27%			
83) 4-Bromofluorobenzene	10.395	95	118566	22.300	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 111.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.408	85	223977	35.870	ug/L	97
3) Chloromethane	1.571	50	226611	35.265	ug/L	100
4) Vinyl chloride	1.628	62	242274	38.476	ug/L	98
5) Bromomethane	1.885	94	180770	51.112	ug/L	96
6) Chloroethane	1.985	64	140993	38.645	ug/L	98
7) Trichlorofluoromethane	2.100	101	322259	43.238	ug/L	99
8) Ethyl ether	2.352	74	104597	44.881	ug/L	77
10) 1,1-Dichloroethene	2.525	96	202599	47.384	ug/L	81
11) Carbon disulfide	2.551	76	703418	44.840	ug/L	99
12) Freon-113	2.556	101	205567	48.525	ug/L #	73
14) Acrolein	2.819	56	10289	22.884	ug/L	99
15) Methylene chloride	3.028	84	222907	41.404	ug/L	82
17) Acetone	3.065	43	30903	17.352	ug/L #	85
18) trans-1,2-Dichloroethene	3.165	96	214443	44.769	ug/L	87
19) Methyl acetate	3.170	43	65520	36.539	ug/L #	86
20) Methyl tert-butyl ether	3.243	73	515753	43.424	ug/L	89
21) tert-Butyl alcohol	3.338	59	72730	181.572	ug/L	96
22) Diisopropyl ether	3.568	45	537623	36.038	ug/L	95
23) 1,1-Dichloroethane	3.699	63	359675	40.077	ug/L	97
24) Halothane	3.757	117	159267	42.843	ug/L	100
25) Acrylonitrile	3.757	53	34886	37.059	ug/L	92

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B01.D
Acq On : 12 Jan 2026 10:34 am
Operator : VOA104:AJK
Sample : WG2164207-2
Misc : WG2164207,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 12 11:09:52 2026
Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2026\260112B\V04260112B01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Ethyl tert-butyl ether	3.893	59	530624	38.102	ug/L		92
27) Vinyl acetate	3.925	43	287844	33.394	ug/L	#	95
28) cis-1,2-Dichloroethene	4.187	96	228032	42.132	ug/L		84
29) 2,2-Dichloropropane	4.271	77	308165	41.718	ug/L		87
30) Bromochloromethane	4.371	128	95483	37.871	ug/L		86
31) Cyclohexane	4.355	56	298576	40.920	ug/L		79
32) Chloroform	4.439	83	359415	42.286	ug/L		96
33) Ethyl acetate	4.549	43	102355	34.818	ug/L	#	96
34) Carbon tetrachloride	4.554	117	280493	40.753	ug/L		100
35) Tetrahydrofuran	4.575	42	38762	36.043	ug/L	#	86
37) 1,1,1-Trichloroethane	4.617	97	306349	42.826	ug/L		95
39) 2-Butanone	4.722	43	41145	32.833	ug/L	#	61
40) 1,1-Dichloropropene	4.738	75	265314	46.994	ug/L		98
41) Benzene	4.968	78	745895	44.336	ug/L		94
42) tert-Amyl methyl ether	5.073	73	483845	41.383	ug/L		91
44) 1,2-Dichloroethane	5.173	62	207745	34.873	ug/L		98
47) Methyl cyclohexane	5.519	83	338296	48.003	ug/L	#	78
48) Trichloroethene	5.550	95	212612	47.496	ug/L		96
50) Dibromomethane	5.980	93	112108	38.611	ug/L		98
51) 1,2-Dichloropropane	6.069	63	189550	38.875	ug/L		97
53) 2-Chloroethyl vinyl ether	6.772	63	54194	21.741	ug/L		88
54) Bromodichloromethane	6.158	83	270729	40.709	ug/L		100
57) 1,4-Dioxane	6.363	88	62570	2163.698	ug/L		87
58) cis-1,3-Dichloropropene	6.830	75	316028	44.033	ug/L	#	88
61) Toluene	7.076	92	466745	45.457	ug/L		98
62) 4-Methyl-2-pentanone	7.522	58	46845	41.628	ug/L		92
63) Tetrachloroethene	7.511	166	226846	46.608	ug/L		100
65) trans-1,3-Dichloropropene	7.569	75	258588	46.410	ug/L		89
67) Ethyl methacrylate	7.763	69	189006	45.142	ug/L		98
68) 1,1,2-Trichloroethane	7.747	83	132166	43.391	ug/L		98
69) Chlorodibromomethane	7.952	129	195917	41.604	ug/L		100
70) 1,3-Dichloropropane	8.062	76	250384	46.756	ug/L		100
71) 1,2-Dibromoethane	8.214	107	156542	46.685	ug/L		98
72) 2-Hexanone	8.523	43	68289	35.658	ug/L		94
73) Chlorobenzene	8.853	112	530032	45.986	ug/L		99
74) Ethylbenzene	8.895	91	902644	48.972	ug/L		98
75) 1,1,1,2-Tetrachloroethane	8.942	131	185549	42.300	ug/L		98
76) p/m Xylene	9.079	106	669135	95.620	ug/L		96
77) o Xylene	9.624	106	661261	93.160	ug/L		96
78) Styrene	9.697	104	1049596	91.376	ug/L		99

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B01.D
Acq On : 12 Jan 2026 10:34 am
Operator : VOA104:AJK
Sample : WG2164207-2
Misc : WG2164207,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 12 11:09:52 2026
Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2026\260112B\V04260112B01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
80) Bromoform	9.724	173	119092	40.865	ug/L		100
82) Isopropylbenzene	10.033	105	864482	48.635	ug/L		99
84) Bromobenzene	10.505	156	218848	44.062	ug/L		98
85) n-Propylbenzene	10.557	91	1039756	51.220	ug/L		97
86) 1,4-Dichlorobutane	10.584	55	211286	40.052	ug/L		99
87) 1,1,2,2-Tetrachloroethane	10.673	83	181759	44.092	ug/L		99
88) 4-Ethyltoluene	10.699	105	837489	49.431	ug/L		99
89) 2-Chlorotoluene	10.730	91	593369M6	49.011	ug/L		
90) 1,3,5-Trimethylbenzene	10.804	105	700890	47.909	ug/L		99
91) 1,2,3-Trichloropropane	10.809	75	126201	44.224	ug/L		96
92) trans-1,4-Dichloro-2-b...	10.877	53	39365	35.265	ug/L	#	57
93) 4-Chlorotoluene	10.930	91	601662	48.965	ug/L		98
94) tert-Butylbenzene	11.160	119	593141	46.648	ug/L		98
97) 1,2,4-Trimethylbenzene	11.244	105	687825	46.660	ug/L		99
98) sec-Butylbenzene	11.360	105	926366	49.718	ug/L		97
99) p-Isopropyltoluene	11.527	119	769035	47.736	ug/L		98
100) 1,3-Dichlorobenzene	11.585	146	393829	45.049	ug/L		99
101) 1,4-Dichlorobenzene	11.685	146	397181	43.696	ug/L		99
102) p-Diethylbenzene	11.915	119	461775	47.863	ug/L		98
103) n-Butylbenzene	11.973	91	743911	51.766	ug/L		98
104) 1,2-Dichlorobenzene	12.120	146	365196	43.491	ug/L		98
105) 1,2,4,5-Tetramethylben...	12.733	119	717399	47.892	ug/L		98
106) 1,2-Dibromo-3-chloropr...	12.927	155	27768	41.243	ug/L		99
107) 1,3,5-Trichlorobenzene	12.953	180	329603	49.174	ug/L		99
108) Hexachlorobutadiene	13.541	225	182226	53.373	ug/L		100
109) 1,2,4-Trichlorobenzene	13.562	180	266631	48.166	ug/L		99
110) Naphthalene	13.855	128	443511	44.337	ug/L		100
111) 1,2,3-Trichlorobenzene	14.023	180	212294	45.392	ug/L		98

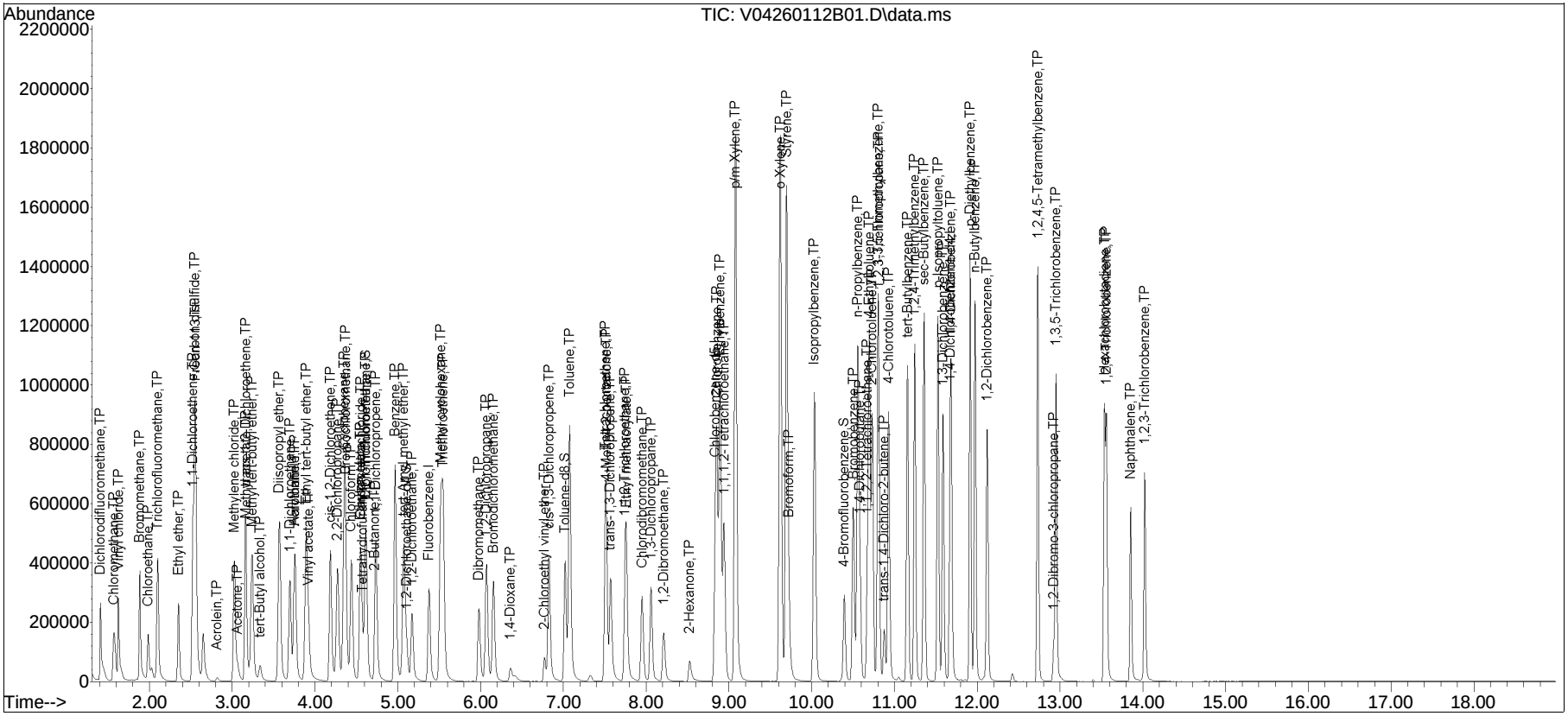
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B01.D
Acq On : 12 Jan 2026 10:34 am
Operator : VOA104:AJK
Sample : WG2164207-2
Misc : WG2164207,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 12 11:09:52 2026
Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

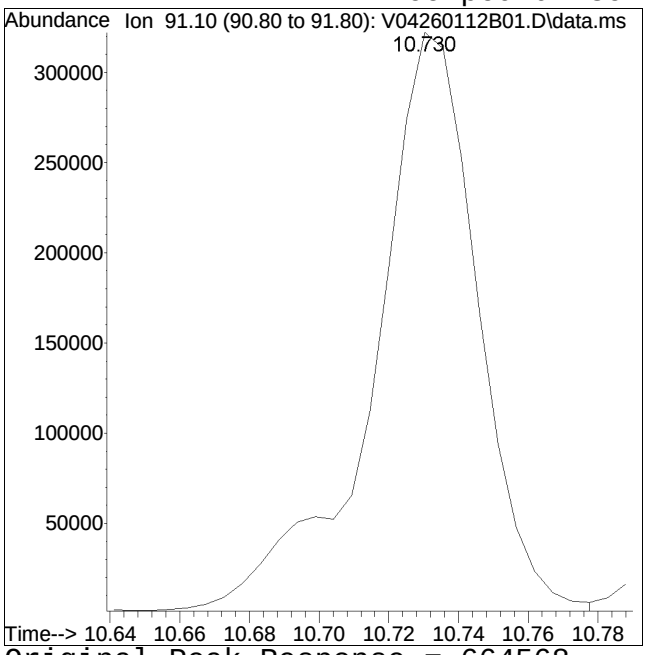
Sub List : 8260-CurveSoil - Megamix plus Diox12B01.D•



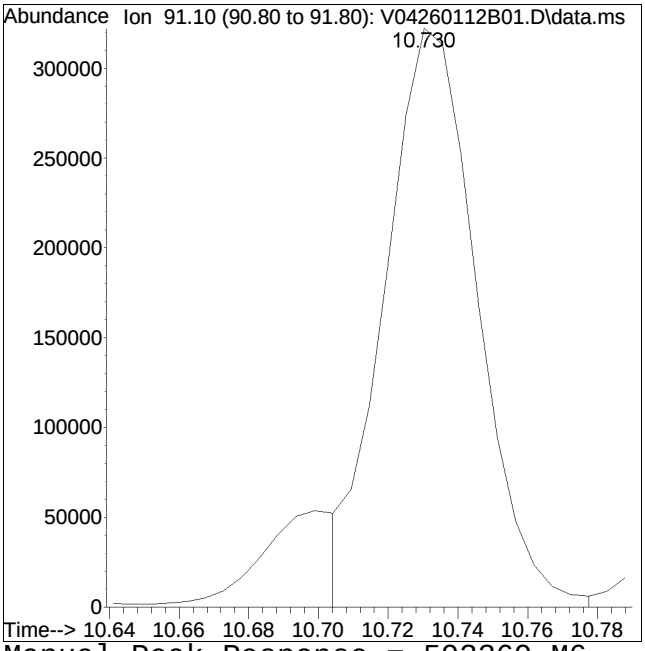
Manual Integration Report

Data Path	: K:\VOA104\2026\260112B\	QMethod	: V104_251119A_8260.m
Data File	: V04260112B01.D	Operator	: VOA104:AJK
Date Inj'd	: 1/12/2026 10:34 am	Instrument	: VOA104
Sample	: WG2164207-2	Quant Date	: 1/12/2026 11:08 am

Compound #89: 2-Chlorotoluene



Original Peak Response = 664568



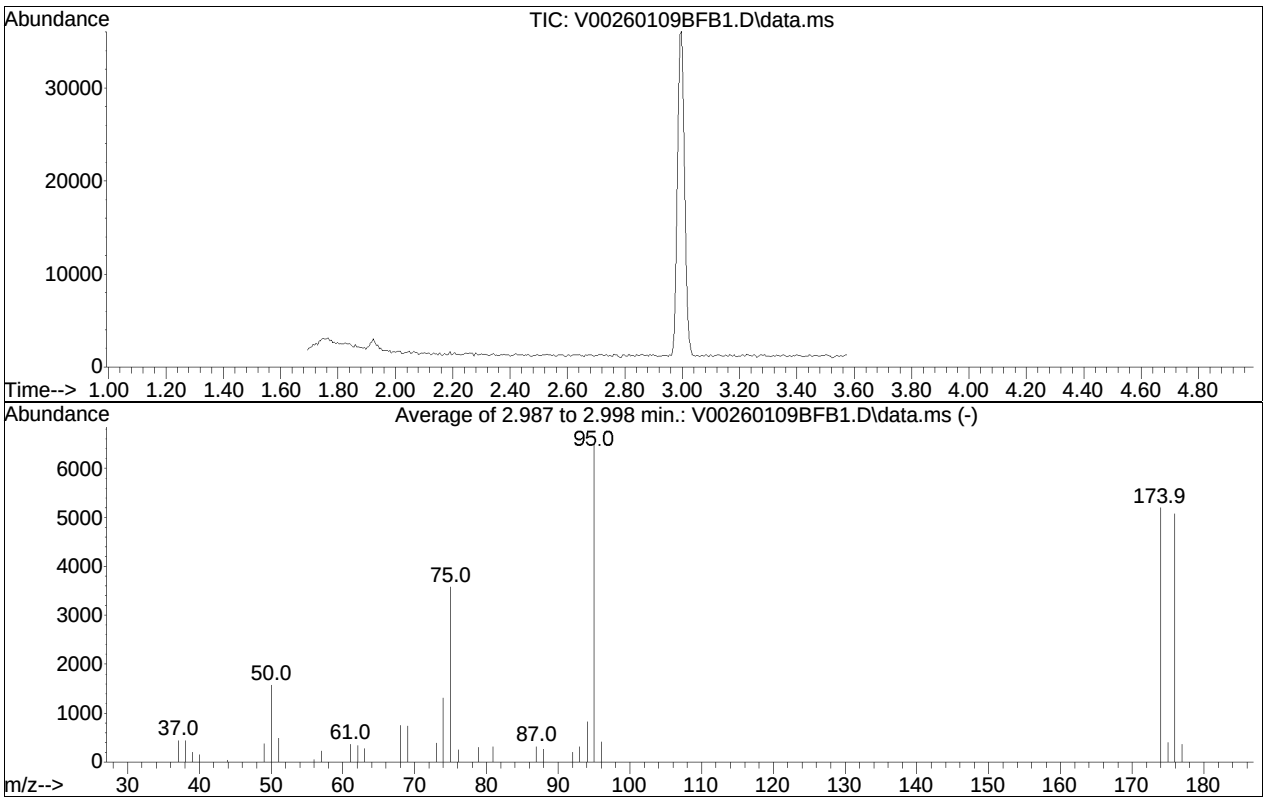
Manual Peak Response = 593369 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109BFB1.D
Acq On : 09 Jan 2026 08:08 am
Operator : VOA100:AJK
Sample : WG2164110-1
Misc : WG2164110,ICAL22914
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Dec 24 08:02:43 2025



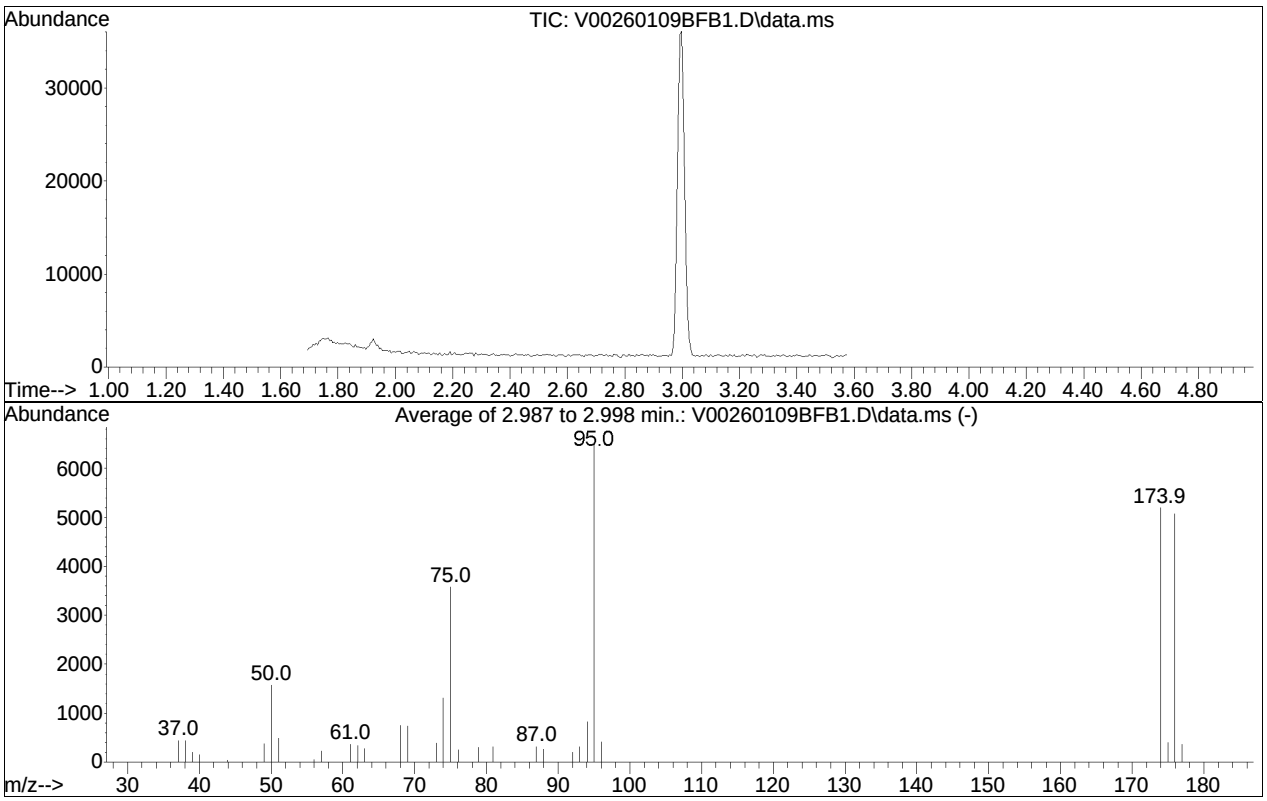
Spectrum Information: Average of 2.987 to 2.998 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.1	1573	PASS
75	95	30	60	54.8	3576	PASS
95	95	100	100	100.0	6528	PASS
96	95	5	9	6.4	419	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	79.6	5198	PASS
175	174	5	9	7.7	400	PASS
176	174	95	101	97.7	5077	PASS
177	176	5	9	7.1	359	PASS

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109BFB1.D
Acq On : 09 Jan 2026 08:08 am
Operator : VOA100:AJK
Sample : WG2164111-1
Misc : WG2164111,ICAL22914
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Wed Dec 24 08:02:43 2025



Spectrum Information: Average of 2.987 to 2.998 min.

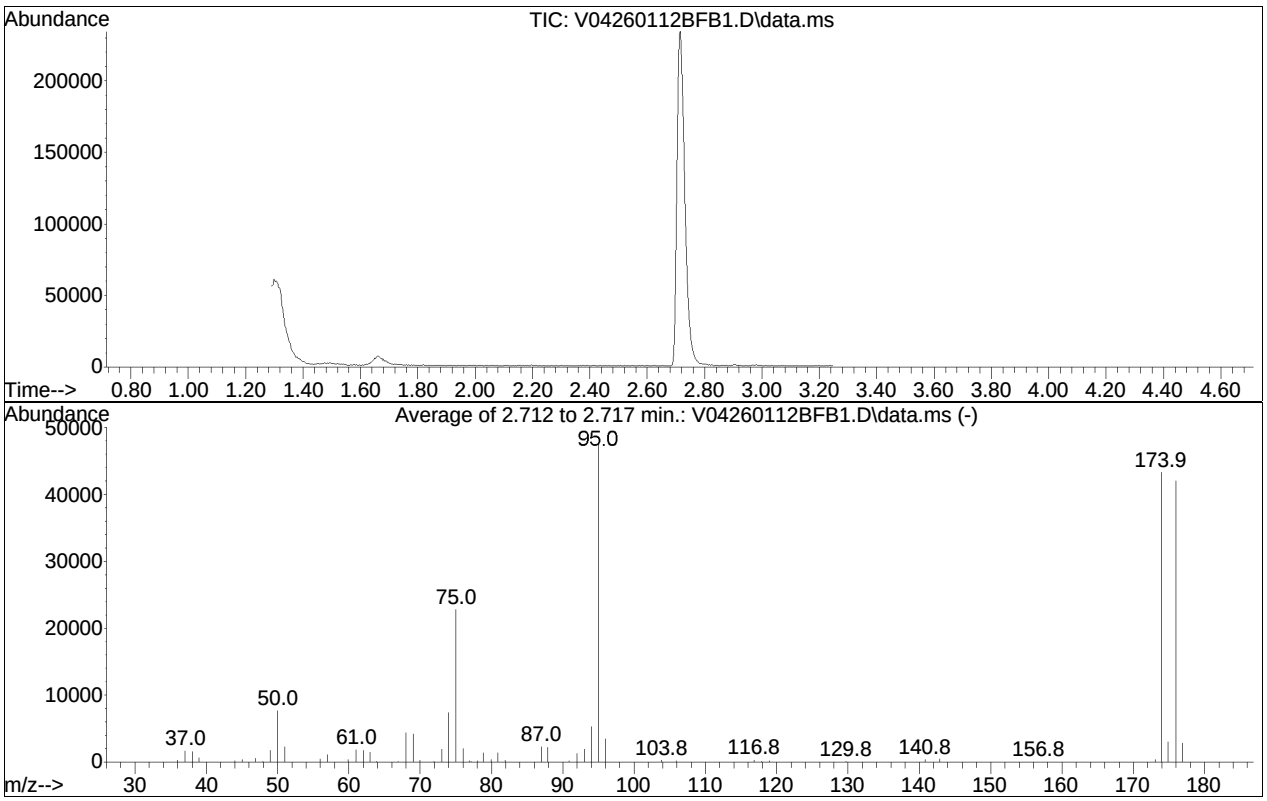
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	24.1	1573	PASS
75	95	30	60	54.8	3576	PASS
95	95	100	100	100.0	6528	PASS
96	95	5	9	6.4	419	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	79.6	5198	PASS
175	174	5	9	7.7	400	PASS
176	174	95	101	97.7	5077	PASS
177	176	5	9	7.1	359	PASS

BFB

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112BFB1.D
Acq On : 12 Jan 2026 10:12 am
Operator : VOA104:AJK
Sample : WG2164207-1
Misc : WG2164207,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Integration File: rteint.p

Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Title : VOLATILES BY GC/MS
Last Update : Thu Nov 20 07:58:49 2025



AutoFind: Scans 511, 512, 513; Background Corrected with Scan 499

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	16.1	7692	PASS
75	95	30	60	47.8	22803	PASS
95	95	100	100	100.0	47747	PASS
96	95	5	9	7.3	3477	PASS
173	174	0.00	2	0.9	370	PASS
174	95	50	100	90.7	43325	PASS
175	174	5	9	7.1	3070	PASS
176	174	95	101	97.1	42059	PASS
177	176	5	9	6.6	2796	PASS

Volatiles Raw QC Data

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A05.D
Acq On : 09 Jan 2026 10:14 am
Operator : VOA100:AJK
Sample : WG2164110-5,31,5,5
Misc : WG2164110,ICAL22914
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 09 11:04:42 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	138706	20.000	ug/L	0.00
Standard Area 1 = 151439			Recovery = 91.59%			
60) Chlorobenzene-d5	9.793	117	112025	20.000	ug/L	0.00
Standard Area 1 = 117500			Recovery = 95.34%			
80) 1,4-Dichlorobenzene-d4	12.461	152	62585	20.000	ug/L	0.00
Standard Area 1 = 67544			Recovery = 92.66%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.404	113	38810	20.142	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.71%			
44) 1,2-Dichloroethane-d4	5.934	65	41033	21.428	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.14%			
61) Toluene-d8	7.937	98	142999	19.864	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.32%			
84) 4-Bromofluorobenzene	11.261	95	54526	21.861	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 109.31%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.368	94	324	0.291	ug/L	92
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.150	76	10034	1.429	ug/L	95
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.690	84	366	0.171	ug/L #	49
17) Acetone	0.000		0	N.D.	d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D.	d	
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Cyclohexane	0.000		0	N.D.		
33) Chloroform	5.221	83	247	N.D.		
35) Carbon tetrachloride	0.000		0	N.D.		
38) 1,1,1-Trichloroethane	0.000		0	N.D.		

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A05.D
Acq On : 09 Jan 2026 10:14 am
Operator : VOA100:AJK
Sample : WG2164110-5,31,5,5
Misc : WG2164110,ICAL22914
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 09 11:04:42 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2-Butanone	0.000		0	N.D.		
42) Benzene	0.000		0	N.D.		
45) 1,2-Dichloroethane	0.000		0	N.D.		
48) Methyl cyclohexane	0.000		0	N.D.		
49) Trichloroethene	6.295	95	98	N.D.		
52) 1,2-Dichloropropane	0.000		0	N.D.		
55) Bromodichloromethane	0.000		0	N.D.		
59) cis-1,3-Dichloropropene	0.000		0	N.D.		
62) Toluene	0.000		0	N.D.		
63) 4-Methyl-2-pentanone	0.000		0	N.D.		
64) Tetrachloroethene	0.000		0	N.D.		
66) trans-1,3-Dichloropropene	0.000		0	N.D.		
69) 1,1,2-Trichloroethane	0.000		0	N.D.		
70) Chlorodibromomethane	0.000		0	N.D.		
72) 1,2-Dibromoethane	0.000		0	N.D.		
73) 2-Hexanone	0.000		0	N.D.		
74) Chlorobenzene	0.000		0	N.D.		
75) Ethylbenzene	9.793	91	54	N.D.		
77) p/m Xylene	0.000		0	N.D.		
78) o Xylene	0.000		0	N.D.		
79) Styrene	0.000		0	N.D.		
81) Bromoform	0.000		0	N.D.		
83) Isopropylbenzene	0.000		0	N.D.		
86) n-Propylbenzene	11.261	91	98	N.D.		
88) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
91) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
95) tert-Butylbenzene	0.000		0	N.D.		
98) 1,2,4-Trimethylbenzene	0.000		0	N.D.		
99) sec-Butylbenzene	0.000		0	N.D.		
100) p-Isopropyltoluene	0.000		0	N.D.		
101) 1,3-Dichlorobenzene	12.477	146	52	N.D.		
102) 1,4-Dichlorobenzene	12.477	146	52	N.D.		
104) n-Butylbenzene	0.000		0	N.D.		
105) 1,2-Dichlorobenzene	12.907	146	53	N.D.		
107) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
110) 1,2,4-Trichlorobenzene	14.312	180	256	N.D.		
111) Naphthalene	14.600	128	937	0.137	ug/L	100

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

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A05.D
Acq On : 09 Jan 2026 10:14 am
Operator : VOA100:AJK
Sample : WG2164110-5,31,5,5
Misc : WG2164110,ICAL22914
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 09 11:04:42 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

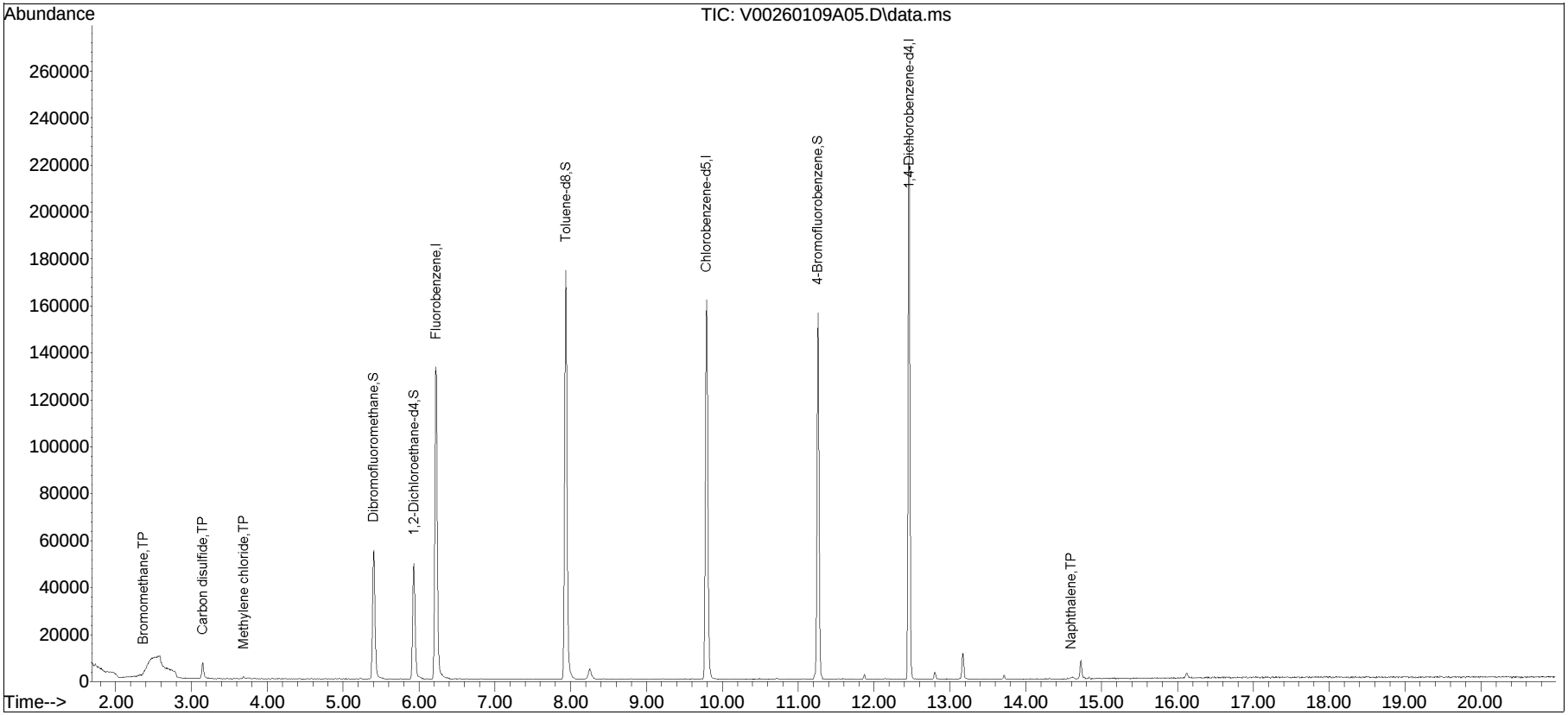
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

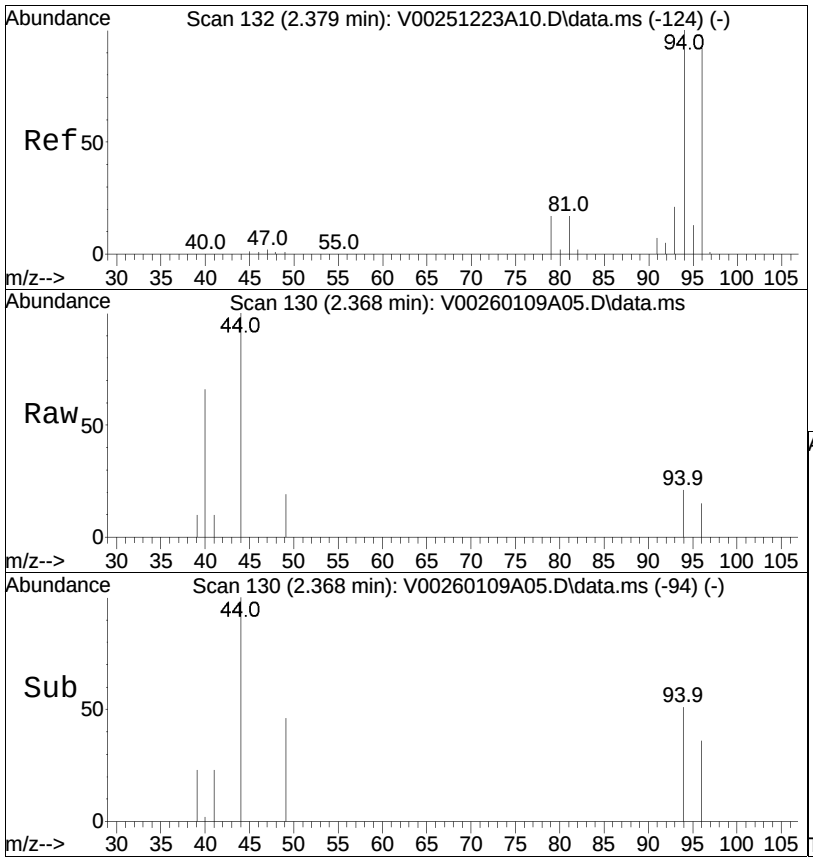
Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A05.D
Acq On : 09 Jan 2026 10:14 am
Operator : VOA100:AJK
Sample : WG2164110-5,31,5,5
Misc : WG2164110,ICAL22914
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 09 11:04:42 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox09A01.D•

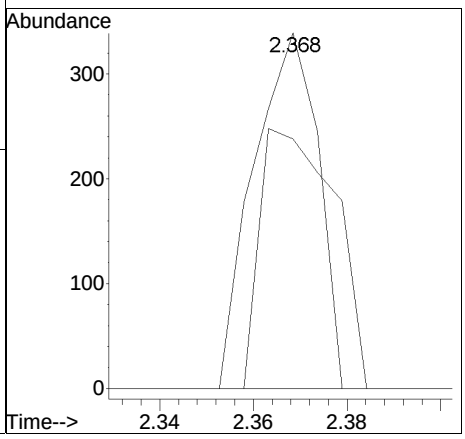


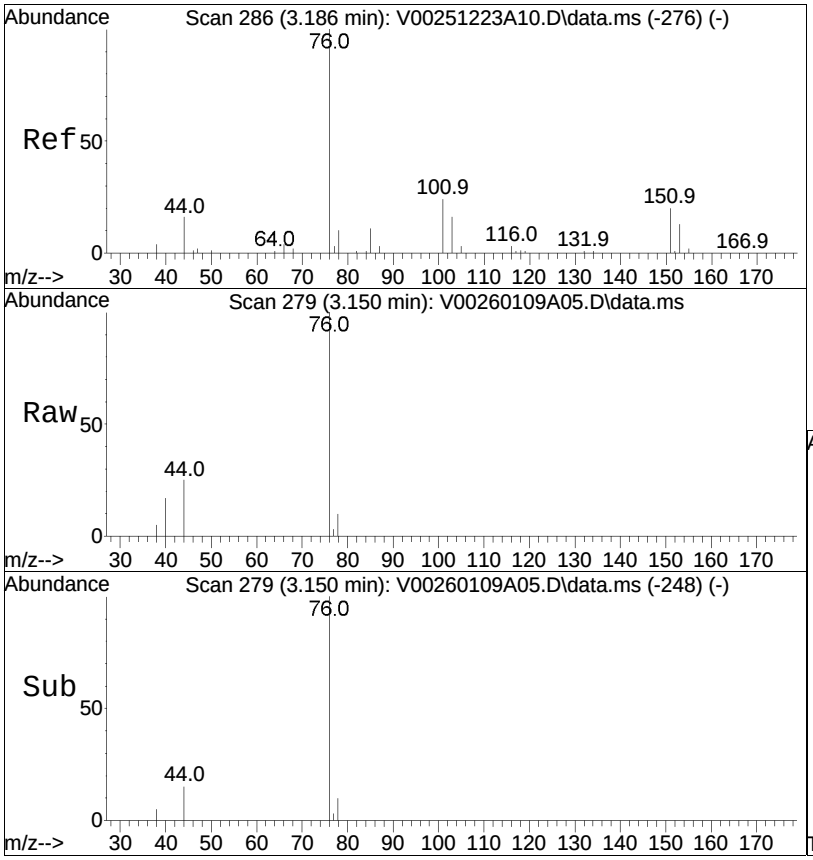


#5
Bromomethane
Concen: 0.29 ug/L
RT: 2.368 min Scan# 130
Delta R.T. -0.010 min
Lab File: V00260109A05.D
Acq: 09 Jan 2026 10:14 am

Tgt Ion: 94 Resp: 324

Ion	Ratio	Lower	Upper
94	100		
96	84.6	72.4	112.4

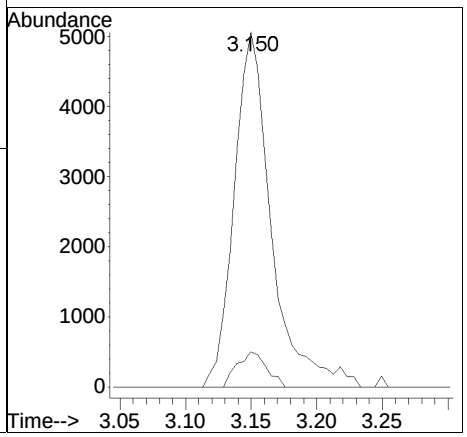


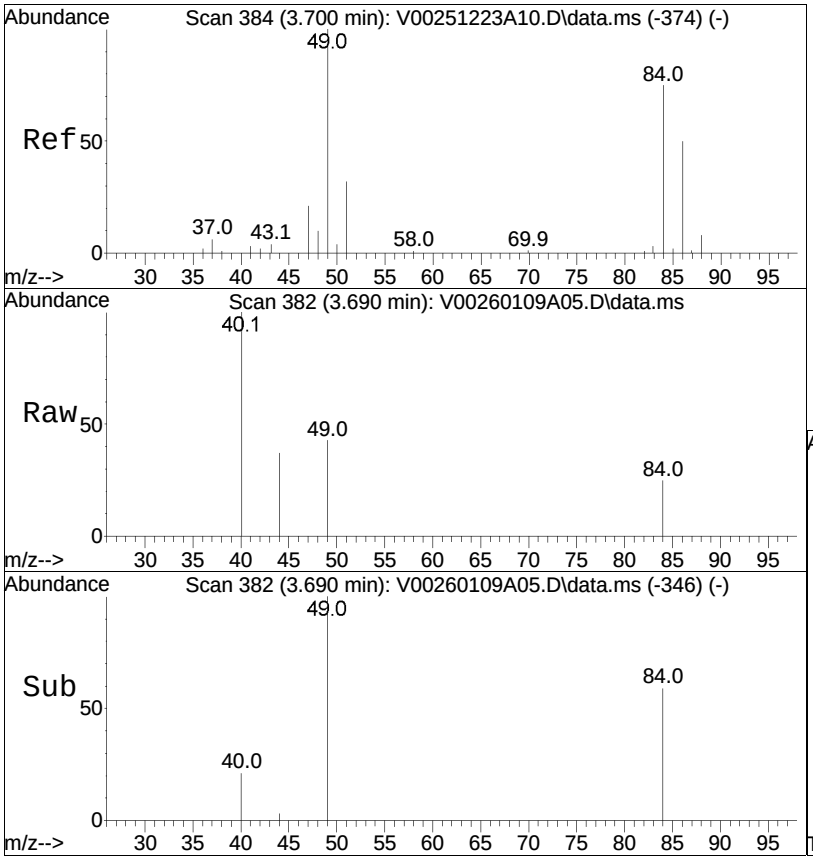


#11
Carbon disulfide
Concen: 1.43 ug/L
RT: 3.150 min Scan# 279
Delta R.T. -0.036 min
Lab File: V00260109A05.D
Acq: 09 Jan 2026 10:14 am

Tgt Ion: 76 Resp: 10034

Ion	Ratio	Lower	Upper
76	100		
78	7.9	6.4	13.4

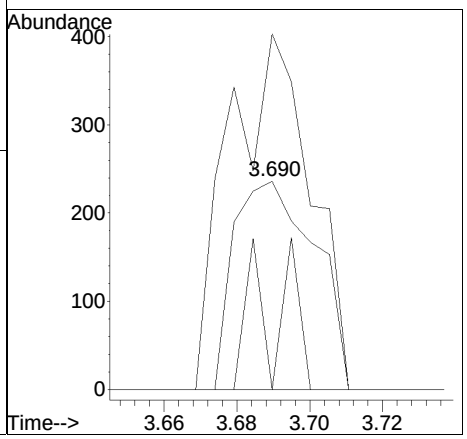


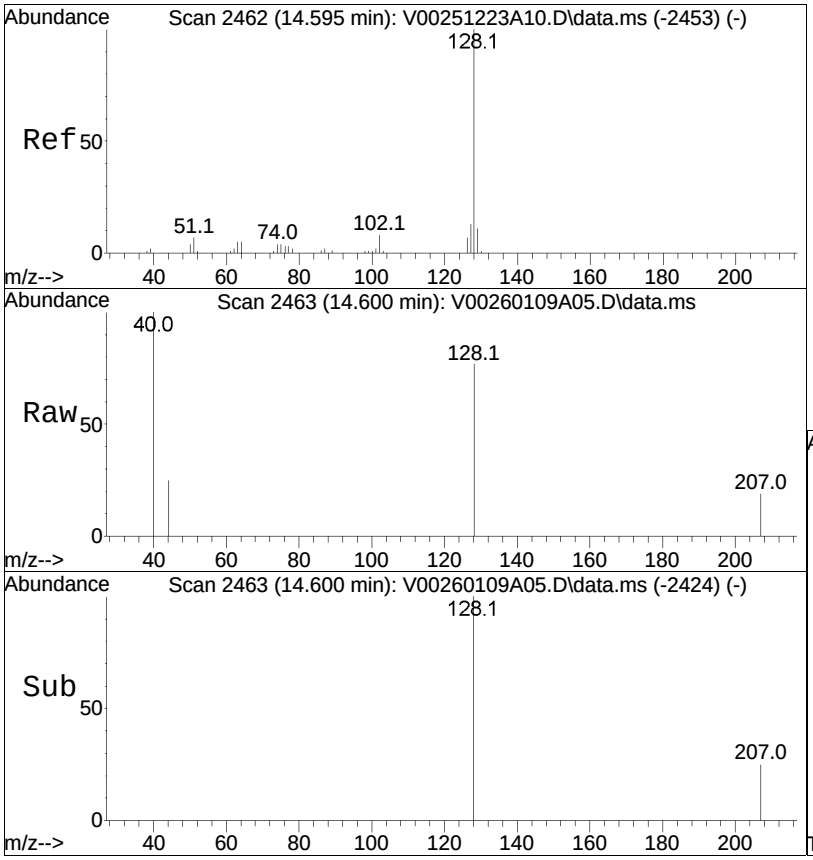


#15
Methylene chloride
Concen: 0.17 ug/L
RT: 3.690 min Scan# 382
Delta R.T. -0.010 min
Lab File: V00260109A05.D
Acq: 09 Jan 2026 10:14 am

Tgt Ion: 84 Resp: 366

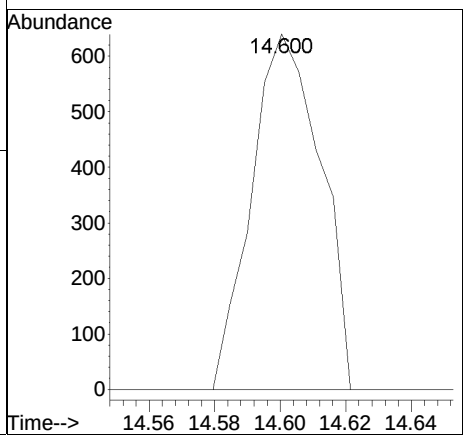
Ion	Ratio	Lower	Upper
84	100		
86	29.5	39.6	82.2#
49	171.3	72.7	150.9#





#111
Naphthalene
Concen: 0.14 ug/L
RT: 14.600 min Scan# 2463
Delta R.T. 0.005 min
Lab File: V00260109A05.D
Acq: 09 Jan 2026 10:14 am

Tgt Ion:128 Resp: 937



Manual Integration Report

Data Path	: K:\VOA100\2026\260109A\	QMethod	: V100_251223A_8260.m
Data File	: V00260109A05.D	Operator	: VOA100:AJK
Date Inj'd	: 1/9/2026 10:14 am	Instrument	: VOA100
Sample	: WG2164110-5,31,5,5	Quant Date	: 1/9/2026 11:03 am

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A05.D
Acq On : 09 Jan 2026 10:14 am
Operator : VOA100:AJK
Sample : WG2164110-5,31,5,5
Misc : WG2164110,ICAL22914
ALS Vial : 5 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V00260109A05.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.479	127	151	152	rBV5	7300	32237	8.36%	1.576%
2	3.150	272	279	291	rBV2	6820	13028	3.38%	0.637%
3	5.404	698	709	730	rBV	54863	126538	32.81%	6.187%
4	5.934	801	810	827	rBV	49283	112118	29.07%	5.482%
5	6.227	855	866	891	rBV	132858	303201	78.63%	14.824%
6	7.937	1179	1192	1218	rBV	174223	385622	100.00%	18.854%
7	8.251	1241	1252	1267	rBV3	4427	12691	3.29%	0.620%
8	9.793	1536	1546	1566	rBV	161598	358390	92.94%	17.522%
9	11.261	1812	1826	1839	rVB	156223	285249	73.97%	13.946%
10	12.461	2047	2055	2069	rVB	232031	382491	99.19%	18.701%
11	13.169	2181	2190	2202	rVB	11088	20313	5.27%	0.993%
12	14.726	2476	2487	2494	rBV	8050	13449	3.49%	0.658%

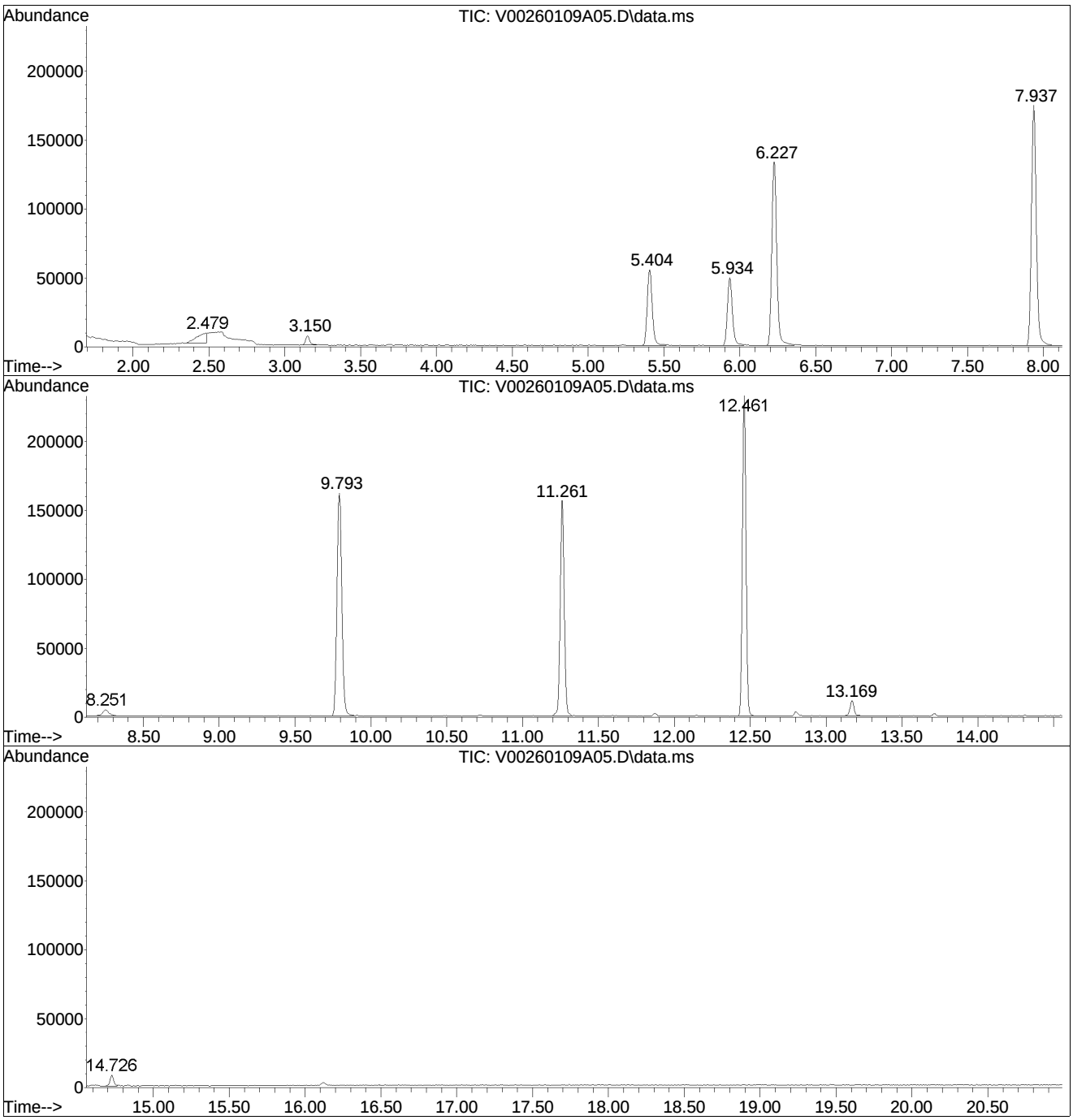
Sum of corrected areas: 2045327

LSC Report - Integrated Chromatogram

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A05.D
Acq On : 09 Jan 2026 10:14 am
Operator : VOA100:AJK
Sample : WG2164110-5,31,5,5
Misc : WG2164110,ICAL22914
ALS Vial : 5 Sample Multiplier: 1

Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A05.D
Acq On : 09 Jan 2026 10:14 am
Operator : VOA100:AJK
Sample : WG2164110-5,31,5,5
Misc : WG2164110,ICAL22914
ALS Vial : 5 Sample Multiplier: 1

Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

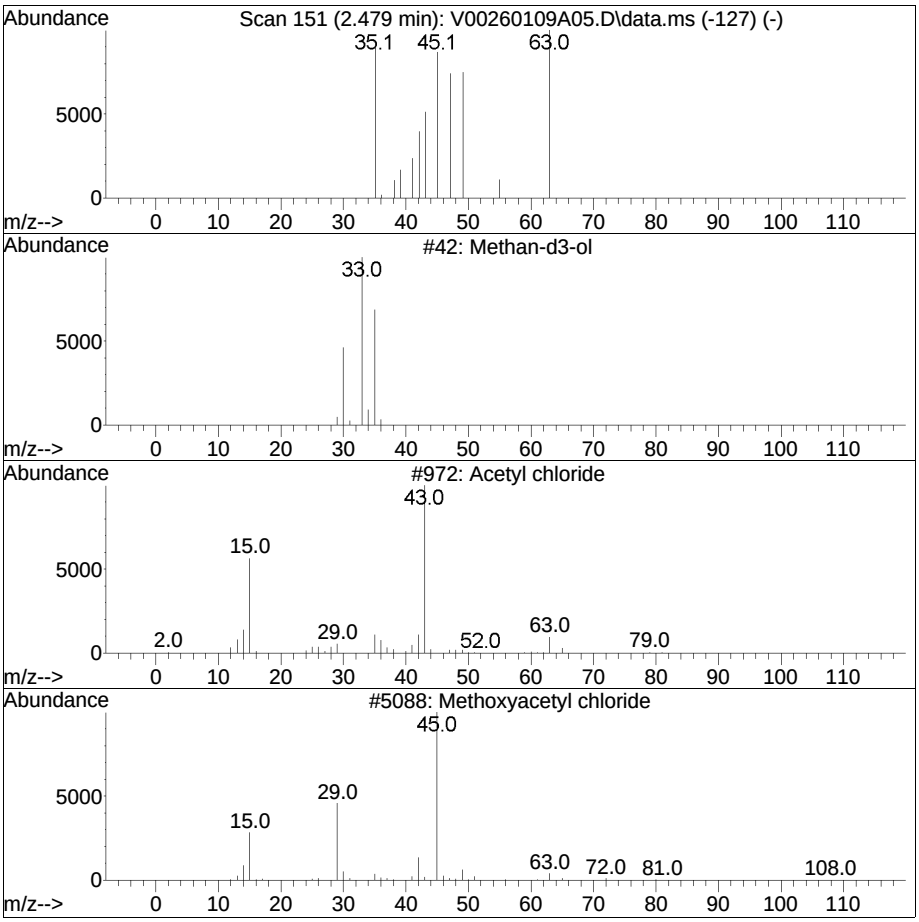
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

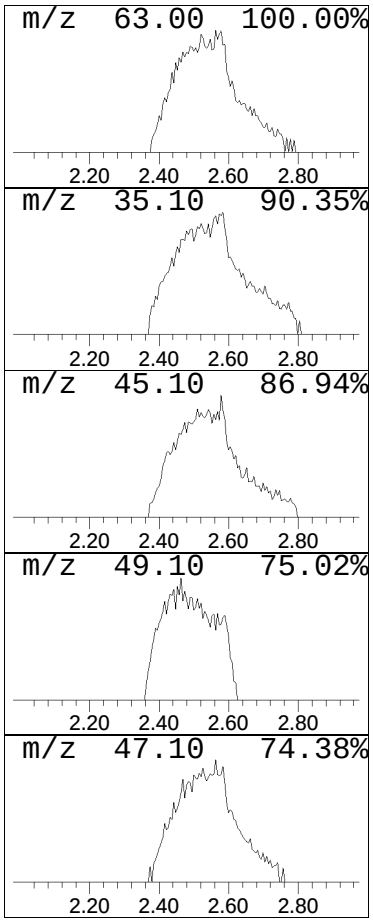
****

Peak Number 1 Unknown Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.479	2.13 ug/L	32237	Fluorobenzene	6.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methan-d3-ol	35	CHD3O	001849-29-2	3
2	Acetyl chloride	78	C2H3ClO	000075-36-5	1
3	Methoxyacetyl chloride	108	C3H5ClO2	038870-89-2	1
4	Oxygen difluoride	54	F2O	007783-41-7	1
5	Propanoyl chloride	92	C3H5ClO	000079-03-8	1





Tentatively Identified Compound (LSC) summary

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A05.D
Acq On : 09 Jan 2026 10:14 am
Operator : VOA100:AJK
Sample : WG2164110-5,31,5,5
Misc : WG2164110,ICAL22914
ALS Vial : 5 Sample Multiplier: 1

Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Unknown	2.479	2.1	ug/L	32237	1	6.227	303201	20.0

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A05.D
Acq On : 09 Jan 2026 10:14 am
Operator : VOA100:AJK
Sample : WG2164111-5,31h,15,15,0.1
Misc : WG2164111,ICAL22914
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 09 11:04:42 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	138706	20.000	ug/L	0.00
Standard Area 1 = 151439			Recovery = 91.59%			
60) Chlorobenzene-d5	9.793	117	112025	20.000	ug/L	0.00
Standard Area 1 = 117500			Recovery = 95.34%			
80) 1,4-Dichlorobenzene-d4	12.461	152	62585	20.000	ug/L	0.00
Standard Area 1 = 67544			Recovery = 92.66%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.404	113	38810	20.142	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 100.71%			
44) 1,2-Dichloroethane-d4	5.934	65	41033	21.428	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 107.14%			
61) Toluene-d8	7.937	98	142999	19.864	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.32%			
84) 4-Bromofluorobenzene	11.261	95	54526	21.861	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 109.31%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	2.368	94	324	0.291	ug/L	92
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	3.150	76	10034	1.429	ug/L	95
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.690	84	366	0.171	ug/L #	49
17) Acetone	0.000		0	N.D.	d	
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	0.000		0	N.D.	d	
20) Methyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
32) Cyclohexane	0.000		0	N.D.		
33) Chloroform	5.221	83	247	N.D.		
35) Carbon tetrachloride	0.000		0	N.D.		
38) 1,1,1-Trichloroethane	0.000		0	N.D.		

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A05.D
Acq On : 09 Jan 2026 10:14 am
Operator : VOA100:AJK
Sample : WG2164111-5,31h,15,15,0.1
Misc : WG2164111,ICAL22914
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 09 11:04:42 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 2-Butanone	0.000		0	N.D.		
42) Benzene	0.000		0	N.D.		
45) 1,2-Dichloroethane	0.000		0	N.D.		
48) Methyl cyclohexane	0.000		0	N.D.		
49) Trichloroethene	6.295	95	98	N.D.		
52) 1,2-Dichloropropane	0.000		0	N.D.		
55) Bromodichloromethane	0.000		0	N.D.		
59) cis-1,3-Dichloropropene	0.000		0	N.D.		
62) Toluene	0.000		0	N.D.		
63) 4-Methyl-2-pentanone	0.000		0	N.D.		
64) Tetrachloroethene	0.000		0	N.D.		
66) trans-1,3-Dichloropropene	0.000		0	N.D.		
69) 1,1,2-Trichloroethane	0.000		0	N.D.		
70) Chlorodibromomethane	0.000		0	N.D.		
72) 1,2-Dibromoethane	0.000		0	N.D.		
73) 2-Hexanone	0.000		0	N.D.		
74) Chlorobenzene	0.000		0	N.D.		
75) Ethylbenzene	9.793	91	54	N.D.		
77) p/m Xylene	0.000		0	N.D.		
78) o Xylene	0.000		0	N.D.		
79) Styrene	0.000		0	N.D.		
81) Bromoform	0.000		0	N.D.		
83) Isopropylbenzene	0.000		0	N.D.		
86) n-Propylbenzene	11.261	91	98	N.D.		
88) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
91) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
95) tert-Butylbenzene	0.000		0	N.D.		
98) 1,2,4-Trimethylbenzene	0.000		0	N.D.		
99) sec-Butylbenzene	0.000		0	N.D.		
100) p-Isopropyltoluene	0.000		0	N.D.		
101) 1,3-Dichlorobenzene	12.477	146	52	N.D.		
102) 1,4-Dichlorobenzene	12.477	146	52	N.D.		
104) n-Butylbenzene	0.000		0	N.D.		
105) 1,2-Dichlorobenzene	12.907	146	53	N.D.		
107) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
110) 1,2,4-Trichlorobenzene	14.312	180	256	N.D.		
111) Naphthalene	14.600	128	937	0.137	ug/L	100

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

Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A05.D
Acq On : 09 Jan 2026 10:14 am
Operator : VOA100:AJK
Sample : WG2164111-5,31h,15,15,0.1
Misc : WG2164111,ICAL22914
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 09 11:04:42 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

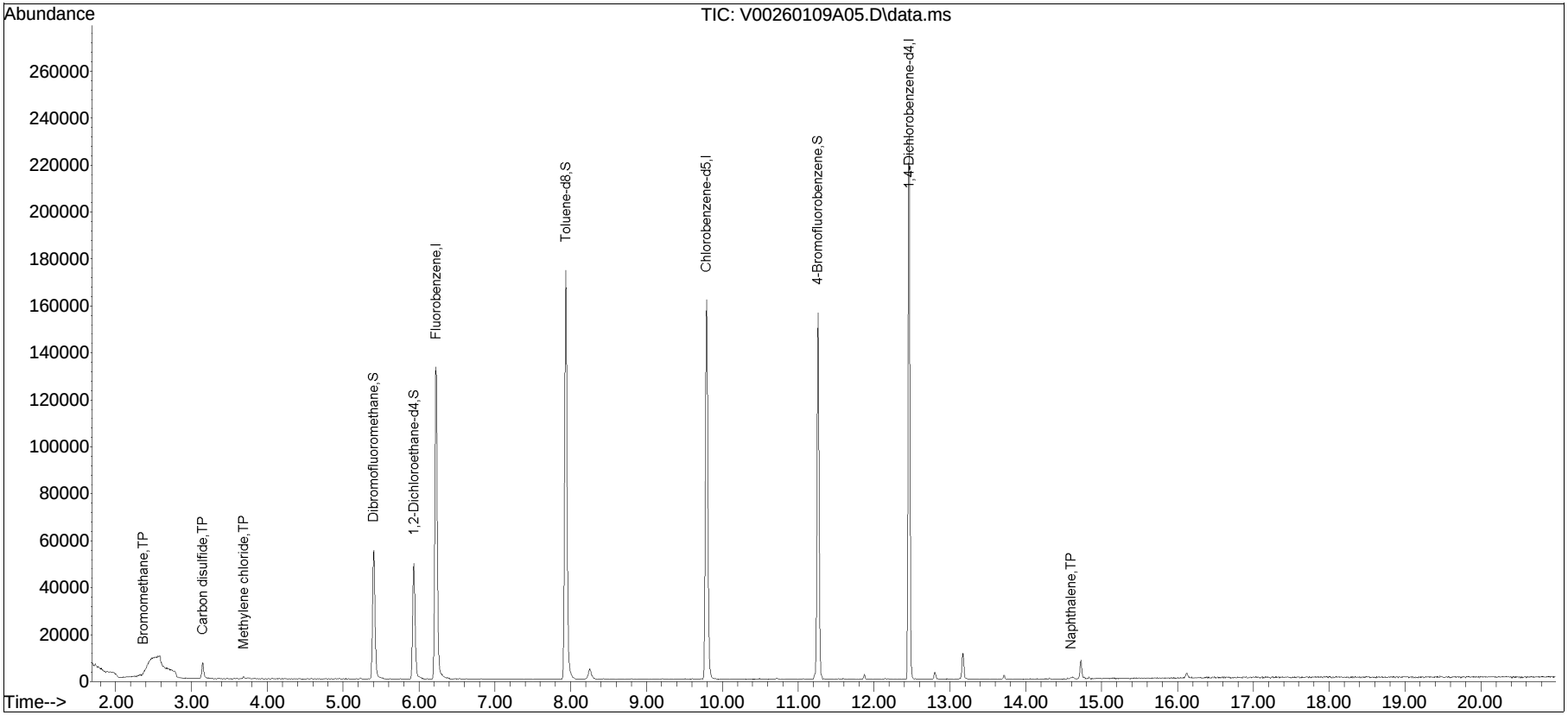
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

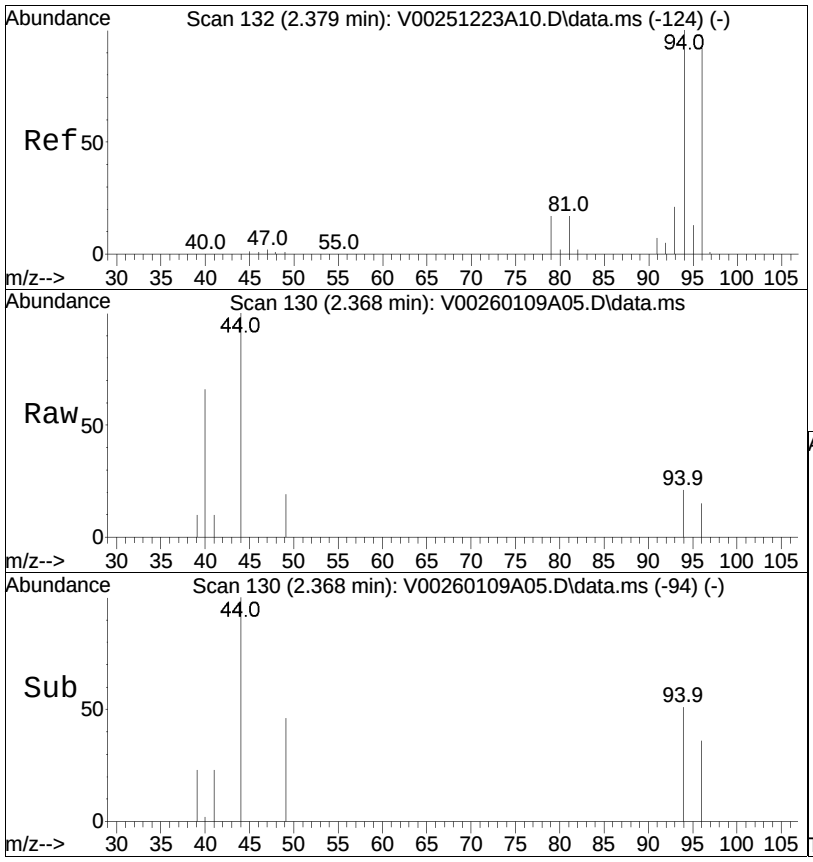
Quantitation Report (QT/LSC Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A05.D
Acq On : 09 Jan 2026 10:14 am
Operator : VOA100:AJK
Sample : WG2164111-5,31h,15,15,0.1
Misc : WG2164111,ICAL22914
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 09 11:04:42 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox09A01.D•

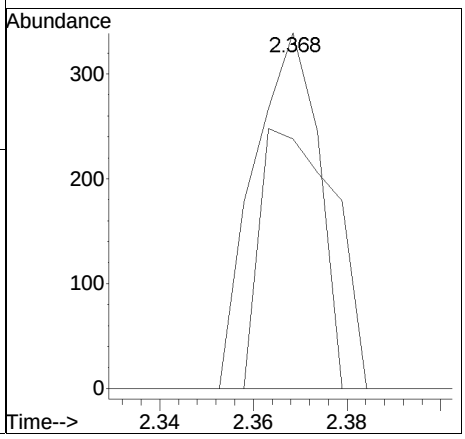


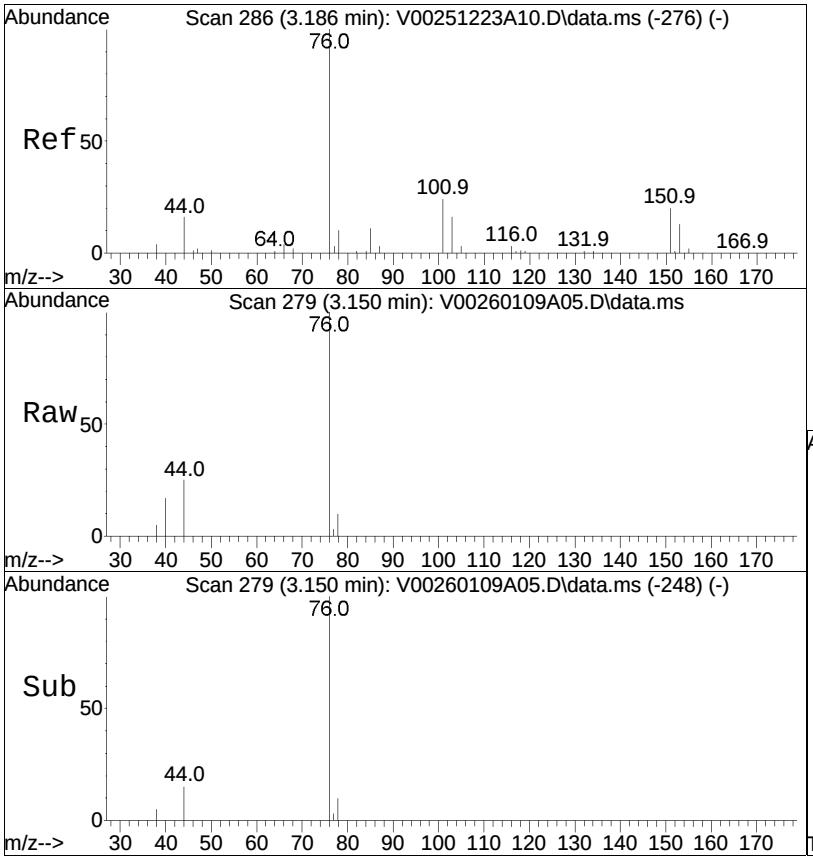


#5
Bromomethane
Concen: 0.29 ug/L
RT: 2.368 min Scan# 130
Delta R.T. -0.010 min
Lab File: V00260109A05.D
Acq: 09 Jan 2026 10:14 am

Tgt Ion: 94 Resp: 324

Ion	Ratio	Lower	Upper
94	100		
96	84.6	72.4	112.4

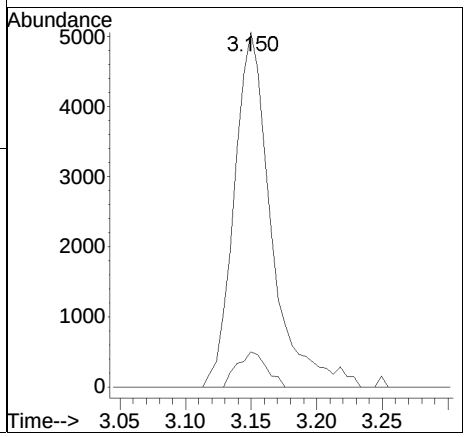


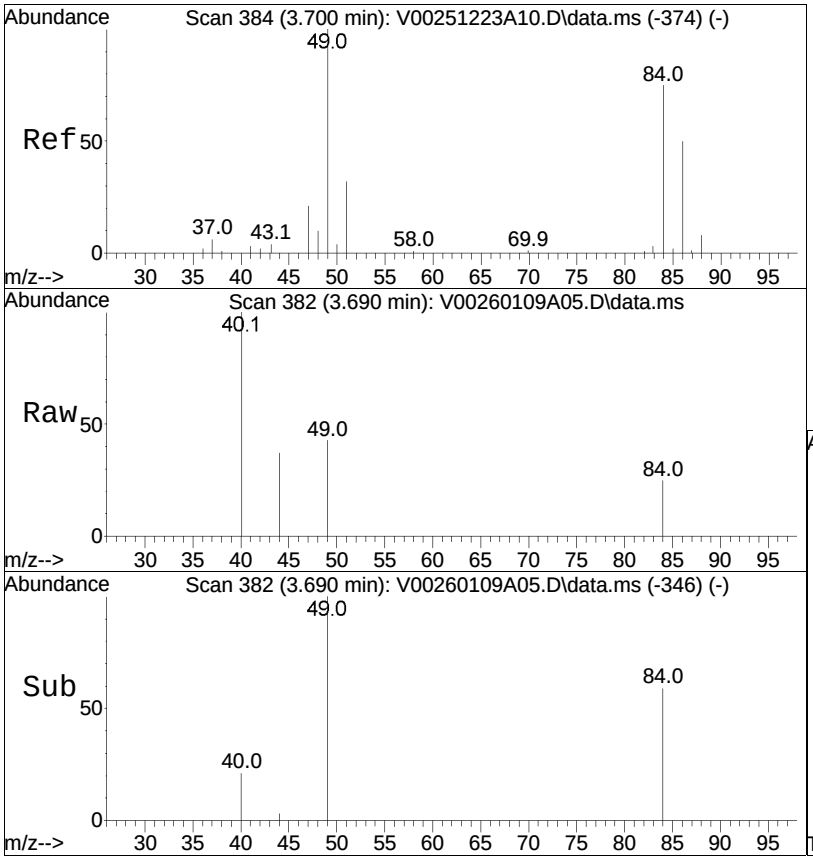


#11
Carbon disulfide
Concen: 1.43 ug/L
RT: 3.150 min Scan# 279
Delta R.T. -0.036 min
Lab File: V00260109A05.D
Acq: 09 Jan 2026 10:14 am

Tgt Ion: 76 Resp: 10034

Ion	Ratio	Lower	Upper
76	100		
78	7.9	6.4	13.4

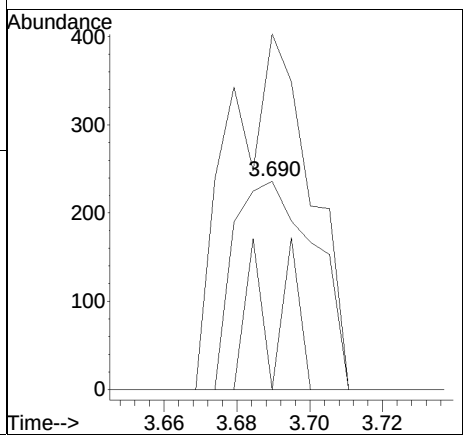


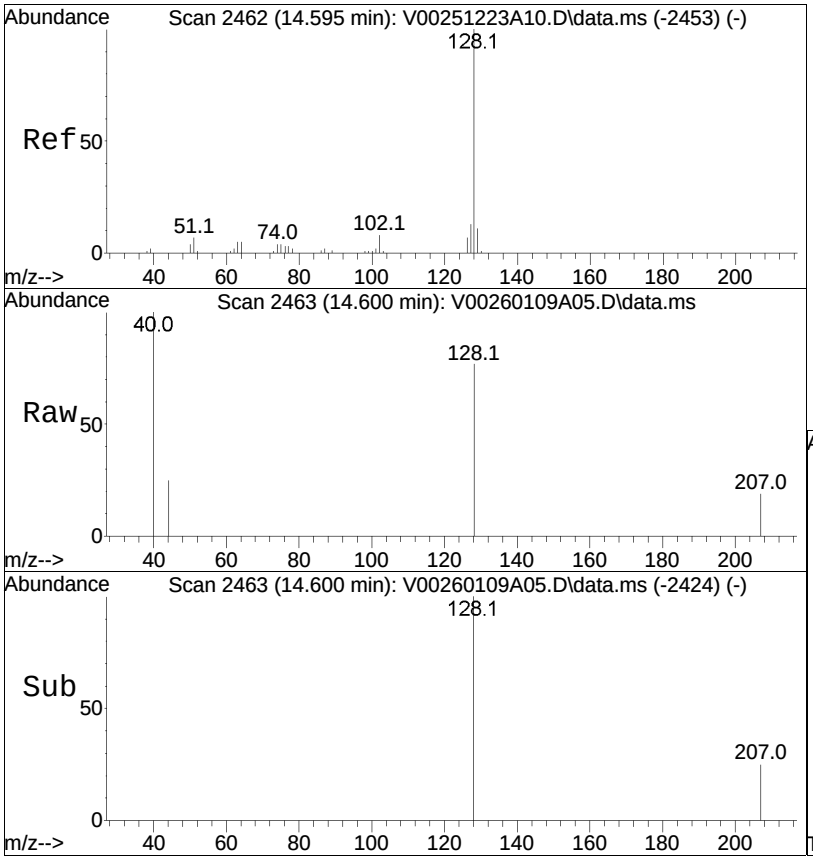


#15
Methylene chloride
Concen: 0.17 ug/L
RT: 3.690 min Scan# 382
Delta R.T. -0.010 min
Lab File: V00260109A05.D
Acq: 09 Jan 2026 10:14 am

Tgt Ion: 84 Resp: 366

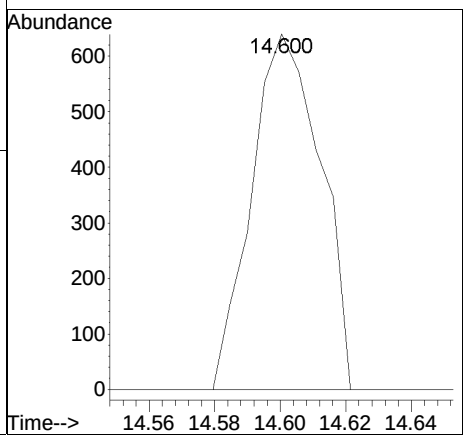
Ion	Ratio	Lower	Upper
84	100		
86	29.5	39.6	82.2#
49	171.3	72.7	150.9#





#111
Naphthalene
Concen: 0.14 ug/L
RT: 14.600 min Scan# 2463
Delta R.T. 0.005 min
Lab File: V00260109A05.D
Acq: 09 Jan 2026 10:14 am

Tgt Ion:128 Resp: 937



Manual Integration Report

Data Path	: K:\VOA100\2026\260109A\	QMethod	: V100_251223A_8260.m
Data File	: V00260109A05.D	Operator	: VOA100:AJK
Date Inj'd	: 1/9/2026 10:14 am	Instrument	: VOA100
Sample	: WG2164111-5,31h,15,15,0.1	Quant Date	: 1/9/2026 11:03 am

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B05.D
Acq On : 12 Jan 2026 12:19 pm
Operator : VOA104:AJK
Sample : WG2164207-5,31H,15,15,0.100
Misc : WG2164207,ICAL22828
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 12 13:07:39 2026
Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2026\260112B\V04260112B01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.377	96	358820	20.000	ug/L	0.00
Standard Area 1 = 342554			Recovery = 104.75%			
59) Chlorobenzene-d5	8.838	117	263666	20.000	ug/L	0.00
Standard Area 1 = 240588			Recovery = 109.59%			
79) 1,4-Dichlorobenzene-d4	11.674	152	145643	20.000	ug/L	0.00
Standard Area 1 = 123411			Recovery = 118.01%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.612	113	95274	18.512	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 92.56%			
43) 1,2-Dichloroethane-d4	5.110	65	78085	17.088	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 85.44%			
60) Toluene-d8	7.024	98	349069	20.596	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.98%			
83) 4-Bromofluorobenzene	10.395	95	133349	21.252	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.26%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.		
3) Chloromethane	1.576	50	261	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	1.880	94	1574	0.425	ug/L #	74
6) Chloroethane	0.000		0	N.D.		
7) Trichlorofluoromethane	0.000		0	N.D.		
10) 1,1-Dichloroethene	0.000		0	N.D.		
11) Carbon disulfide	2.530	76	2156	0.131	ug/L	98
12) Freon-113	0.000		0	N.D.		
15) Methylene chloride	3.023	84	1520	0.270	ug/L	83
17) Acetone	3.081	43	698	Below Cal #		46
18) trans-1,2-Dichloroethene	0.000		0	N.D.		
19) Methyl acetate	3.170	43	113	N.D.		
20) Methyl tert-butyl ether	3.243	73	49	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
28) cis-1,2-Dichloroethene	0.000		0	N.D.		
31) Cyclohexane	0.000		0	N.D.		
32) Chloroform	4.444	83	3960	Below Cal #		91
34) Carbon tetrachloride	0.000		0	N.D.		
37) 1,1,1-Trichloroethane	0.000		0	N.D.		

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B05.D
Acq On : 12 Jan 2026 12:19 pm
Operator : VOA104:AJK
Sample : WG2164207-5,31H,15,15,0.100
Misc : WG2164207,ICAL22828
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 12 13:07:39 2026
Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2026\260112B\V04260112B01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
39)	2-Butanone	0.000		0	N.D.			
41)	Benzene	0.000		0	N.D.			
44)	1,2-Dichloroethane	0.000		0	N.D.			
47)	Methyl cyclohexane	0.000		0	N.D.			
48)	Trichloroethene	0.000		0	N.D.			
51)	1,2-Dichloropropane	0.000		0	N.D.			
54)	Bromodichloromethane	0.000		0	N.D.			
58)	cis-1,3-Dichloropropene	0.000		0	N.D.			
61)	Toluene	0.000		0	N.D.			
62)	4-Methyl-2-pentanone	0.000		0	N.D.			
63)	Tetrachloroethene	0.000		0	N.D.			
65)	trans-1,3-Dichloropropene	0.000		0	N.D.			
68)	1,1,2-Trichloroethane	0.000		0	N.D.			
69)	Chlorodibromomethane	0.000		0	N.D.			
71)	1,2-Dibromoethane	0.000		0	N.D.			
72)	2-Hexanone	0.000		0	N.D.			
73)	Chlorobenzene	8.859	112	223	N.D.			
74)	Ethylbenzene	8.927	91	97	N.D.			
76)	p/m Xylene	0.000		0	N.D.			
77)	o Xylene	0.000		0	N.D.			
78)	Styrene	9.808	104	47	N.D.			
80)	Bromoform	0.000		0	N.D.			
82)	Isopropylbenzene	10.070	105	102	N.D.			
85)	n-Propylbenzene	10.605	91	135	N.D.			
87)	1,1,2,2-Tetrachloroethane	0.000		0	N.D.			
90)	1,3,5-Trimethylbenzene	10.846	105	550	N.D.			
94)	tert-Butylbenzene	11.171	119	276	N.D.			
97)	1,2,4-Trimethylbenzene	11.286	105	725	N.D.			
98)	sec-Butylbenzene	11.370	105	1058	N.D.			
99)	p-Isopropyltoluene	11.533	119	847	N.D.			
100)	1,3-Dichlorobenzene	11.606	146	648	N.D.			
101)	1,4-Dichlorobenzene	11.690	146	1189	0.111	ug/L	#	8
103)	n-Butylbenzene	11.957	91	53	N.D.			
104)	1,2-Dichlorobenzene	12.157	146	256	N.D.			
106)	1,2-Dibromo-3-chloropr...	0.000		0	N.D.			
109)	1,2,4-Trichlorobenzene	13.604	180	2697	0.413	ug/L	#	93
110)	Naphthalene	13.882	128	7631	0.646	ug/L		100

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

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B05.D
Acq On : 12 Jan 2026 12:19 pm
Operator : VOA104:AJK
Sample : WG2164207-5,31H,15,15,0.100
Misc : WG2164207,ICAL22828
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 12 13:07:39 2026
Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2026\260112B\V04260112B01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

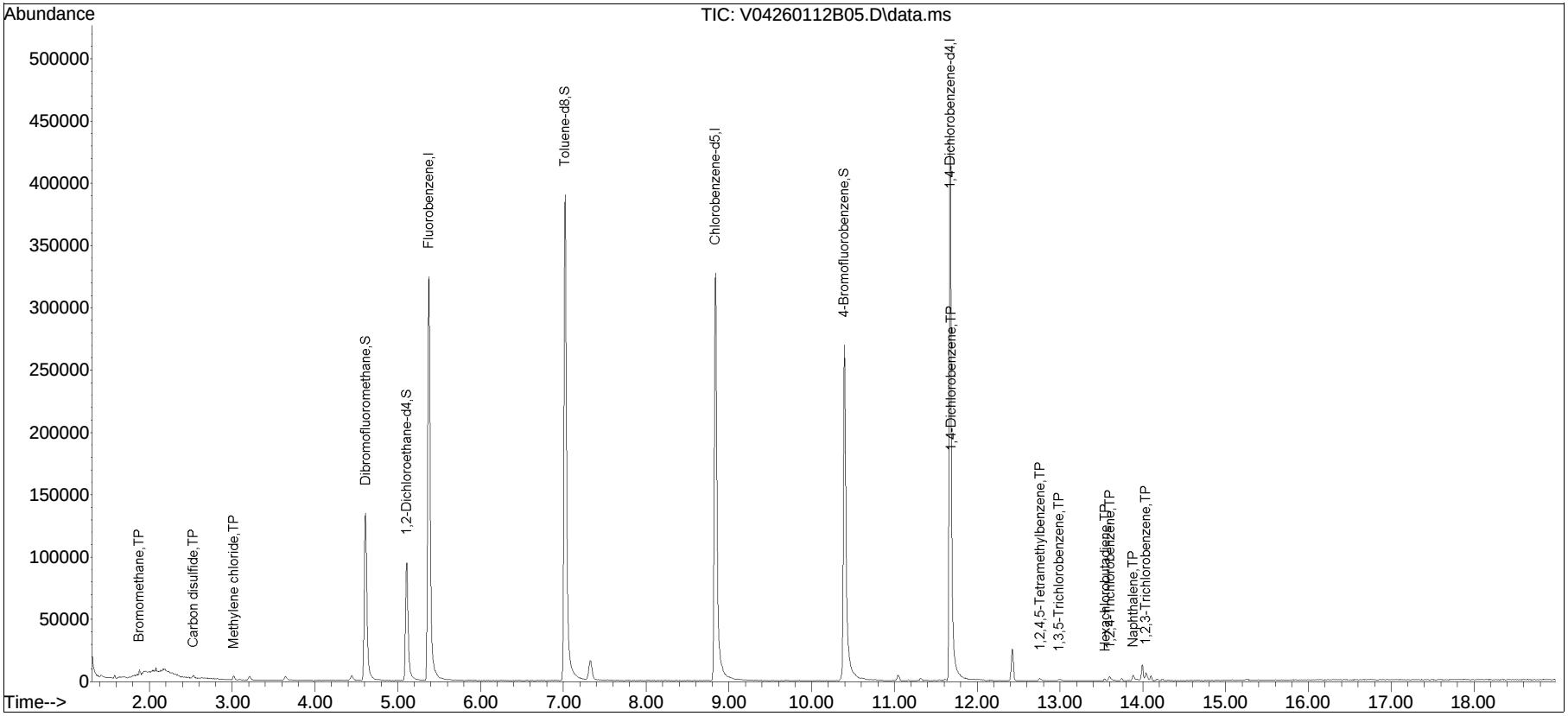
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

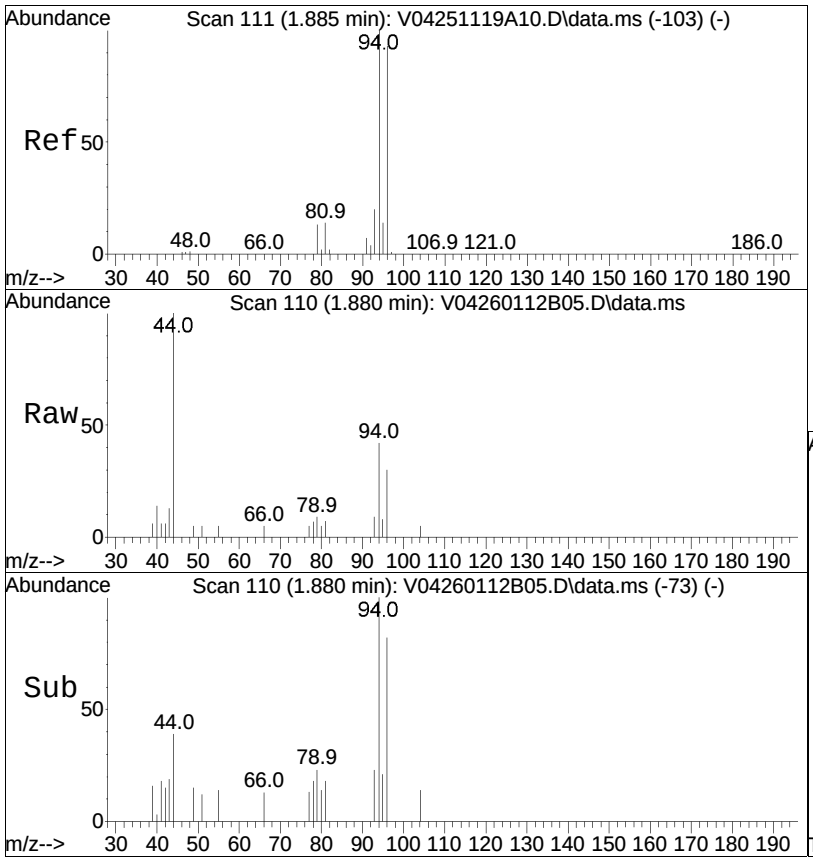
Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B05.D
Acq On : 12 Jan 2026 12:19 pm
Operator : VOA104:AJK
Sample : WG2164207-5,31H,15,15,0.100
Misc : WG2164207,ICAL22828
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 12 13:07:39 2026
Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox12B01.D•

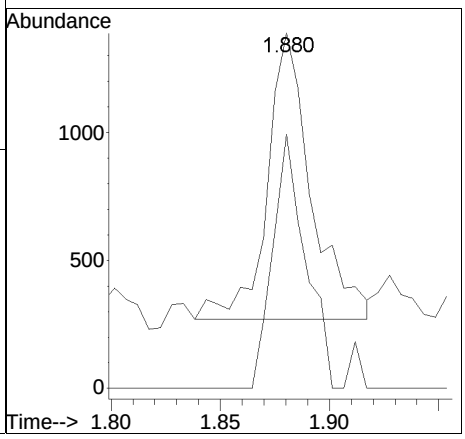


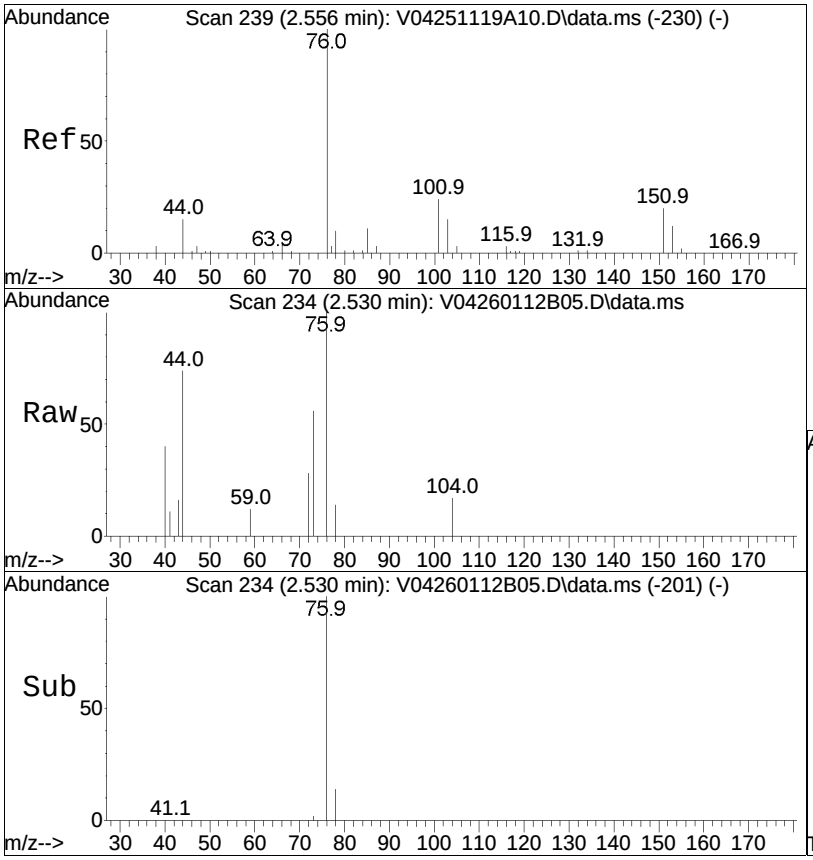


#5
Bromomethane
Concen: 0.42 ug/L
RT: 1.880 min Scan# 110
Delta R.T. -0.005 min
Lab File: V04260112B05.D
Acq: 12 Jan 2026 12:19 pm

Tgt Ion: 94 Resp: 1574

Ion	Ratio	Lower	Upper
94	100		
96	65.9	71.0	111.0#

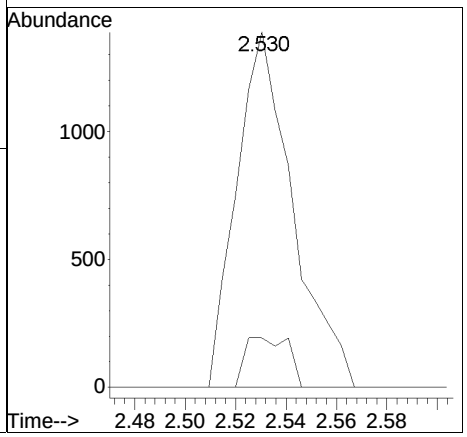


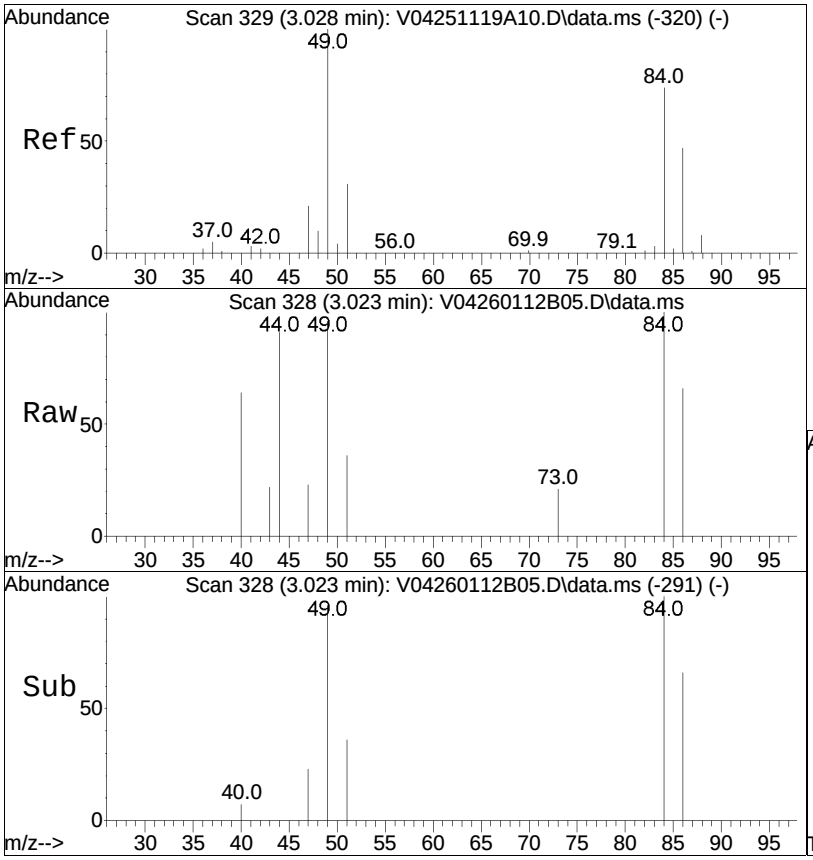


#11
Carbon disulfide
Concen: 0.13 ug/L
RT: 2.530 min Scan# 234
Delta R.T. -0.026 min
Lab File: V04260112B05.D
Acq: 12 Jan 2026 12:19 pm

Tgt Ion: 76 Resp: 2156

Ion	Ratio	Lower	Upper
76	100		
78	10.8	6.6	13.8

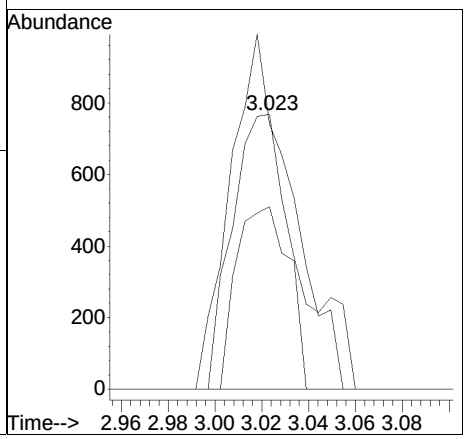


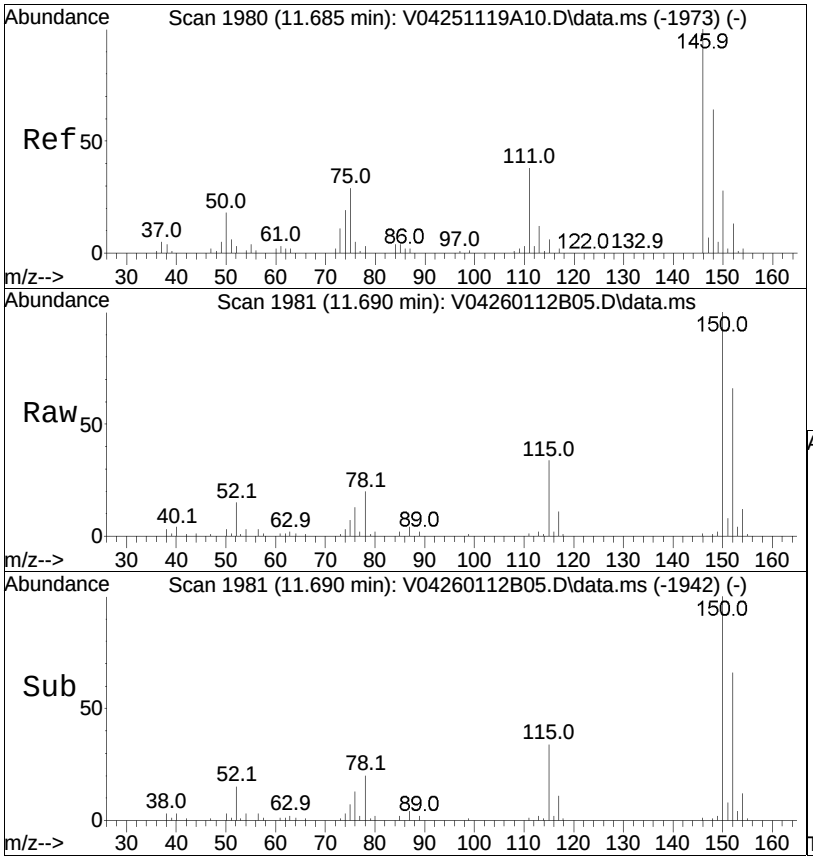


#15
Methylene chloride
Concen: 0.27 ug/L
RT: 3.023 min Scan# 328
Delta R.T. -0.005 min
Lab File: V04260112B05.D
Acq: 12 Jan 2026 12:19 pm

Tgt Ion: 84 Resp: 1520

Ion	Ratio	Lower	Upper
84	100		
86	52.3	41.3	85.9
49	117.9	91.0	189.0

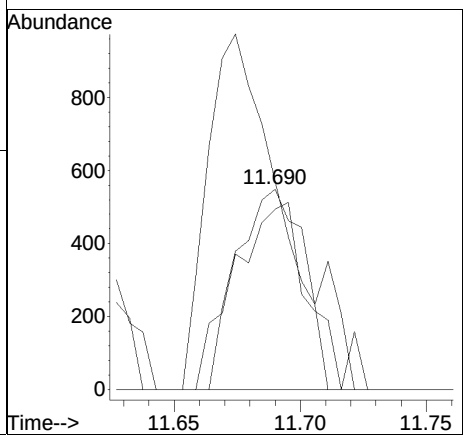


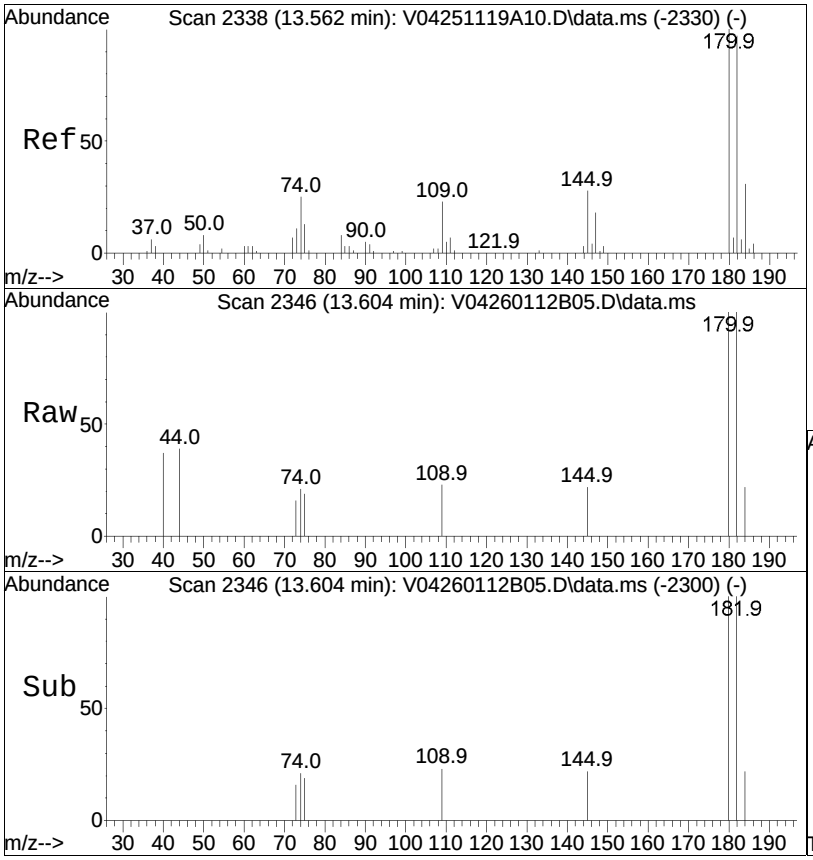


#101
1,4-Dichlorobenzene
Concen: 0.11 ug/L
RT: 11.690 min Scan# 1981
Delta R.T. 0.005 min
Lab File: V04260112B05.D
Acq: 12 Jan 2026 12:19 pm

Tgt Ion:146 Resp: 1189

Ion	Ratio	Lower	Upper
146	100		
111	157.0	30.2	45.2#
148	85.7	50.6	76.0#

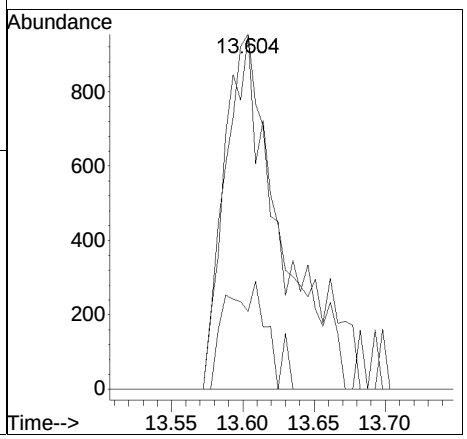


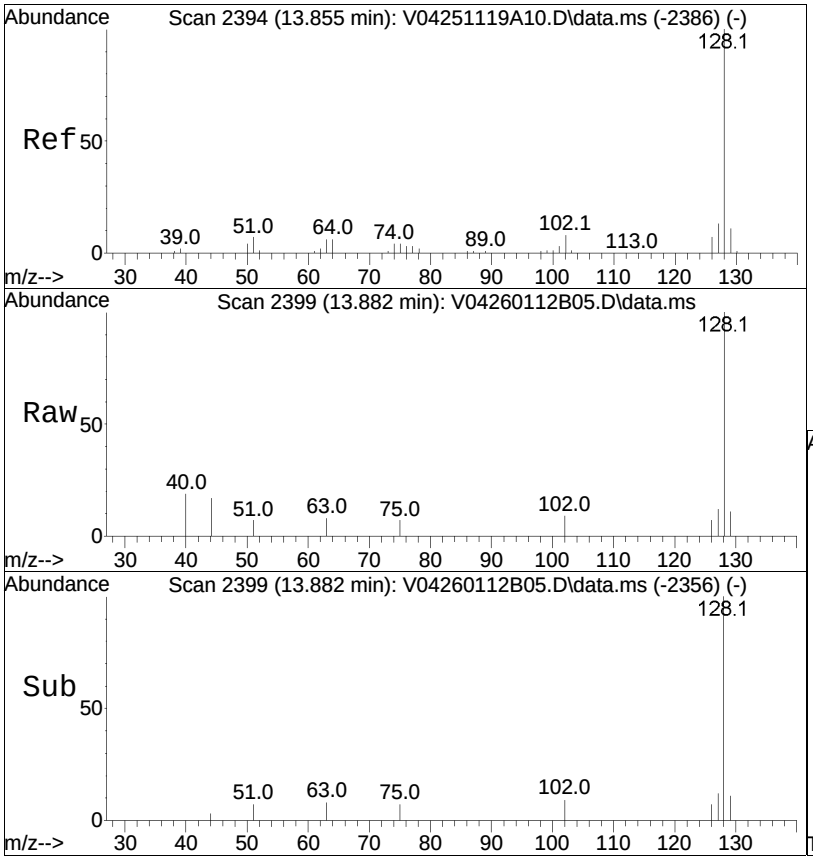


#109
1,2,4-Trichlorobenzene
Concen: 0.41 ug/L
RT: 13.604 min Scan# 2346
Delta R.T. 0.042 min
Lab File: V04260112B05.D
Acq: 12 Jan 2026 12:19 pm

Tgt Ion:180 Resp: 2697

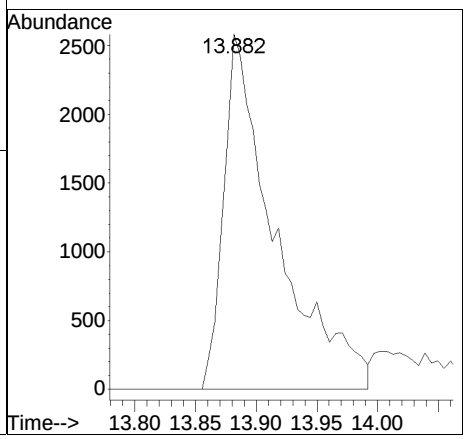
Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.0	115.4
145	21.9	28.4	42.6#





#110
Naphthalene
Concen: 0.65 ug/L
RT: 13.882 min Scan# 2399
Delta R.T. 0.026 min
Lab File: V04260112B05.D
Acq: 12 Jan 2026 12:19 pm

Tgt Ion:128 Resp: 7631



Manual Integration Report

Data Path	: K:\VOA104\2026\260112B\	QMethod	: V104_251119A_8260.m
Data File	: V04260112B05.D	Operator	: VOA104:AJK
Date Inj'd	: 1/12/2026 12:19 pm	Instrument	: VOA104
Sample	: WG2164207-5,31H,15,15,0.10	Quant Date	: 1/12/2026 1:07 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B05.D
Acq On : 12 Jan 2026 12:19 pm
Operator : VOA104:AJK
Sample : WG2164207-5,31H,15,15,0.100
Misc : WG2164207,ICAL22828
ALS Vial : 5 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Title : VOLATILES BY GC/MS

Signal : TIC: V04260112B05.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.612	621	631	657	rBV	134299	306625	34.80%	6.936%
2	5.110	716	726	748	rBV	94293	210655	23.91%	4.765%
3	5.377	768	777	804	rBV	323975	707665	80.31%	16.008%
4	7.024	1079	1091	1139	rBV	389910	881124	100.00%	19.932%
5	7.328	1139	1149	1165	rVB3	15716	44471	5.05%	1.006%
6	8.838	1426	1437	1479	rBV	327377	769604	87.34%	17.409%
7	10.395	1720	1734	1768	rBV	269279	628679	71.35%	14.221%
8	11.674	1971	1978	2027	rBV	438092	827653	93.93%	18.722%
9	12.424	2111	2121	2133	rVB	25477	44279	5.03%	1.002%

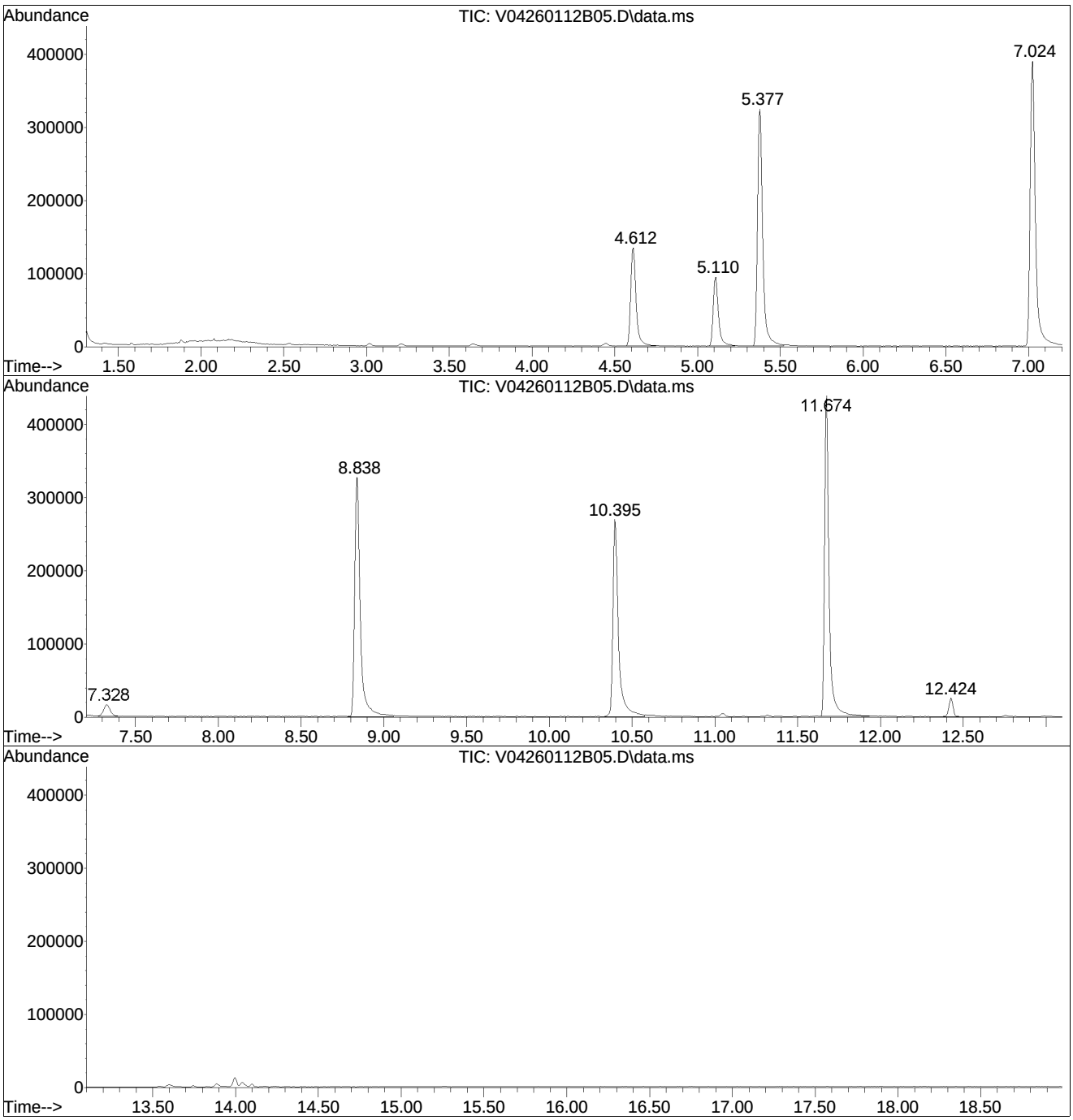
Sum of corrected areas: 4420755

LSC Report - Integrated Chromatogram

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B05.D
Acq On : 12 Jan 2026 12:19 pm
Operator : VOA104:AJK
Sample : WG2164207-5,31H,15,15,0.100
Misc : WG2164207,ICAL22828
ALS Vial : 5 Sample Multiplier: 1

Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p



Library Search Compound Report

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B05.D
Acq On : 12 Jan 2026 12:19 pm
Operator : VOA104:AJK
Sample : WG2164207-5,31H,15,15,0.100
Misc : WG2164207,ICAL22828
ALS Vial : 5 Sample Multiplier: 1

Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B05.D
Acq On : 12 Jan 2026 12:19 pm
Operator : VOA104:AJK
Sample : WG2164207-5,31H,15,15,0.100
Misc : WG2164207,ICAL22828
ALS Vial : 5 Sample Multiplier: 1

Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: rteint.p

						Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A01.D
Acq On : 09 Jan 2026 08:30 am
Operator : VOA100:AJK
Sample : WG2164110-3,31,5,5
Misc : WG2164110,ICAL22914
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 09 09:19:26 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.233	96	151439	20.000	ug/L	0.00
Standard Area 1 = 151439			Recovery = 100.00%			
60) Chlorobenzene-d5	9.798	117	117500	20.000	ug/L	0.00
Standard Area 1 = 117500			Recovery = 100.00%			
80) 1,4-Dichlorobenzene-d4	12.461	152	67544	20.000	ug/L	0.00
Standard Area 1 = 67544			Recovery = 100.00%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	41117	19.545	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.73%			
44) 1,2-Dichloroethane-d4	5.939	65	42957	20.546	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.73%			
61) Toluene-d8	7.942	98	154670	20.484	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.42%			
84) 4-Bromofluorobenzene	11.266	95	56935	21.151	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.76%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.781	85	98710	43.655	ug/L #	81
3) Chloromethane	2.007	50	127879	54.393	ug/L	96
4) Vinyl chloride	2.054	62	118394	50.779	ug/L	85
5) Bromomethane	2.374	94	61602	50.609	ug/L	100
6) Chloroethane	2.505	64	71019	48.671	ug/L	87
7) Trichlorofluoromethane	2.646	101	144888	45.137	ug/L	99
10) 1,1-Dichloroethene	3.150	96	82906	43.868	ug/L	97
11) Carbon disulfide	3.186	76	322945	42.119	ug/L	99
12) Freon-113	3.186	101	84745	45.006	ug/L	99
15) Methylene chloride	3.705	84	97342	41.594	ug/L #	73
17) Acetone	3.726	43	33595	31.902	ug/L #	87
18) trans-1,2-Dichloroethene	3.863	96	92726	42.755	ug/L	97
19) Methyl acetate	3.858	43	61777	43.922	ug/L #	78
20) Methyl tert-butyl ether	3.957	73	265130	43.769	ug/L #	90
23) 1,1-Dichloroethane	4.445	63	179933	46.304	ug/L	100
28) cis-1,2-Dichloroethene	4.969	96	101685	42.307	ug/L	99
32) Cyclohexane	5.189	56	172328	49.687	ug/L	89
33) Chloroform	5.231	83	181295	43.738	ug/L	96
35) Carbon tetrachloride	5.389	117	138382	42.547	ug/L	99
38) 1,1,1-Trichloroethane	5.446	97	153787	45.952	ug/L	100

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A01.D
Acq On : 09 Jan 2026 08:30 am
Operator : VOA100:AJK
Sample : WG2164110-3,31,5,5
Misc : WG2164110,ICAL22914
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 09 09:19:26 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) 2-Butanone	5.514	43	43114	47.597	ug/L	#	88
42) Benzene	5.813	78	364727	45.527	ug/L		95
45) 1,2-Dichloroethane	6.007	62	130219	45.471	ug/L		99
48) Methyl cyclohexane	6.427	83	167035	46.017	ug/L		87
49) Trichloroethene	6.416	95	99473	44.975	ug/L		98
52) 1,2-Dichloropropane	6.956	63	97717	45.501	ug/L		99
55) Bromodichloromethane	7.030	83	138930	44.334	ug/L		100
59) cis-1,3-Dichloropropene	7.722	75	163062	45.386	ug/L	#	78
62) Toluene	8.005	92	230740	44.373	ug/L		95
63) 4-Methyl-2-pentanone	8.414	58	28965	43.864	ug/L	#	40
64) Tetrachloroethene	8.461	166	101668	40.519	ug/L		98
66) trans-1,3-Dichloropropene	8.471	75	146266	46.071	ug/L		84
69) 1,1,2-Trichloroethane	8.660	83	66390	44.472	ug/L		98
70) Chlorodibromomethane	8.880	129	100809	41.682	ug/L		100
72) 1,2-Dibromoethane	9.158	107	77331	41.883	ug/L		98
73) 2-Hexanone	9.431	43	58730	44.015	ug/L	#	76
74) Chlorobenzene	9.819	112	252939	42.570	ug/L		98
75) Ethylbenzene	9.861	91	439626	44.624	ug/L		99
77) p/m Xylene	10.050	106	339772	88.182	ug/L		99
78) o Xylene	10.574	106	328317	86.211	ug/L		99
79) Styrene	10.637	104	566564	88.414	ug/L		99
81) Bromoform	10.658	173	65402	38.236	ug/L		99
83) Isopropylbenzene	10.951	105	447711	45.129	ug/L		100
86) n-Propylbenzene	11.423	91	519798	46.013	ug/L		99
88) 1,1,2,2-Tetrachloroethane	11.491	83	100434	42.932	ug/L		97
91) 1,3,5-Trimethylbenzene	11.643	105	374470	44.577	ug/L		100
95) tert-Butylbenzene	11.984	119	319370	43.771	ug/L		98
98) 1,2,4-Trimethylbenzene	12.058	105	371000	44.639	ug/L		99
99) sec-Butylbenzene	12.173	105	498964	46.032	ug/L		98
100) p-Isopropyltoluene	12.325	119	419213	44.793	ug/L		99
101) 1,3-Dichlorobenzene	12.388	146	217023	42.039	ug/L		99
102) 1,4-Dichlorobenzene	12.477	146	219290	41.878	ug/L		99
104) n-Butylbenzene	12.755	91	403306	48.425	ug/L		98
105) 1,2-Dichlorobenzene	12.902	146	202255	41.583	ug/L		99
107) 1,2-Dibromo-3-chloropr...	13.673	155	17177	35.980	ug/L		90
110) 1,2,4-Trichlorobenzene	14.307	180	149810	40.986	ug/L		99
111) Naphthalene	14.595	128	300206	40.527	ug/L		100

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

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A01.D
Acq On : 09 Jan 2026 08:30 am
Operator : VOA100:AJK
Sample : WG2164110-3,31,5,5
Misc : WG2164110,ICAL22914
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 09 09:19:26 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

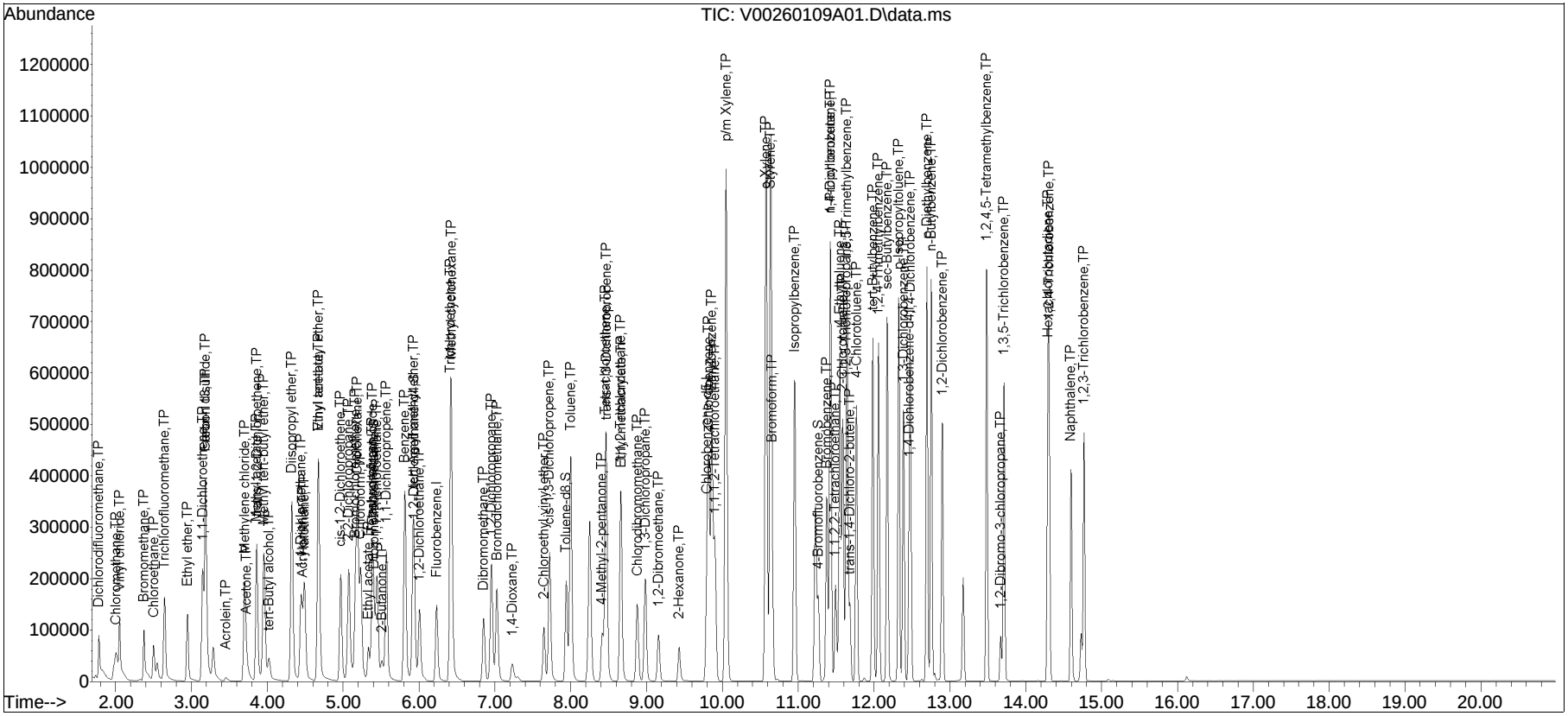
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

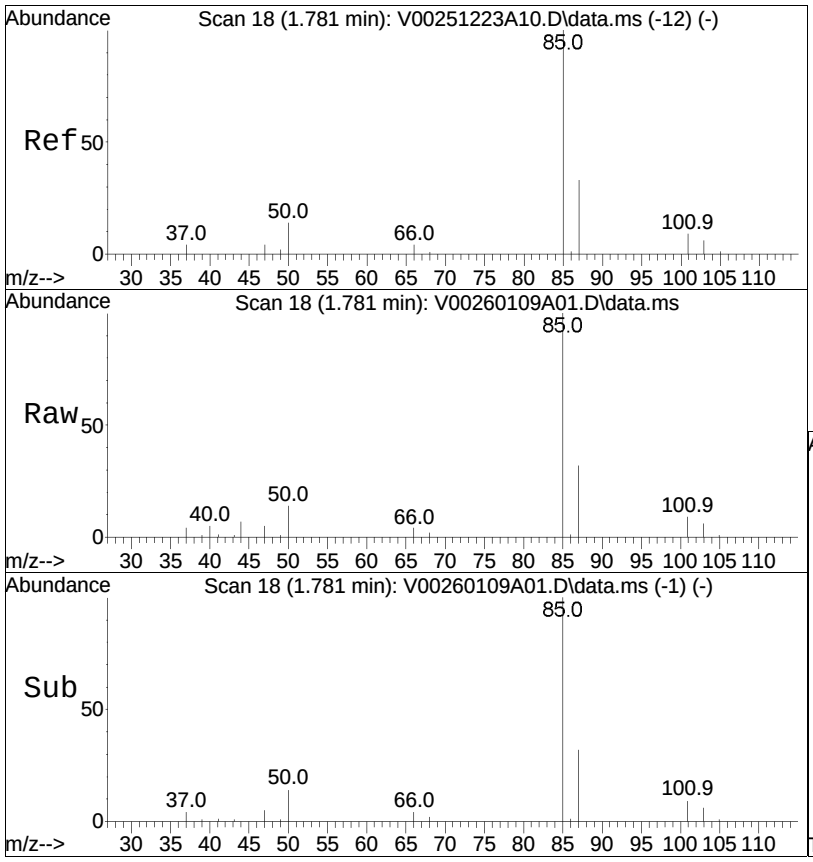
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A01.D
Acq On : 09 Jan 2026 08:30 am
Operator : VOA100:AJK
Sample : WG2164110-3,31,5,5
Misc : WG2164110,ICAL22914
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 09 09:19:26 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox09A01.D•

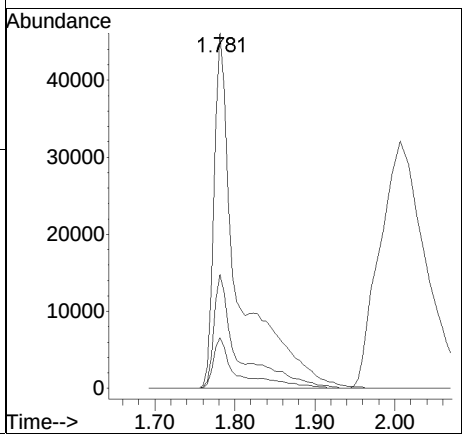


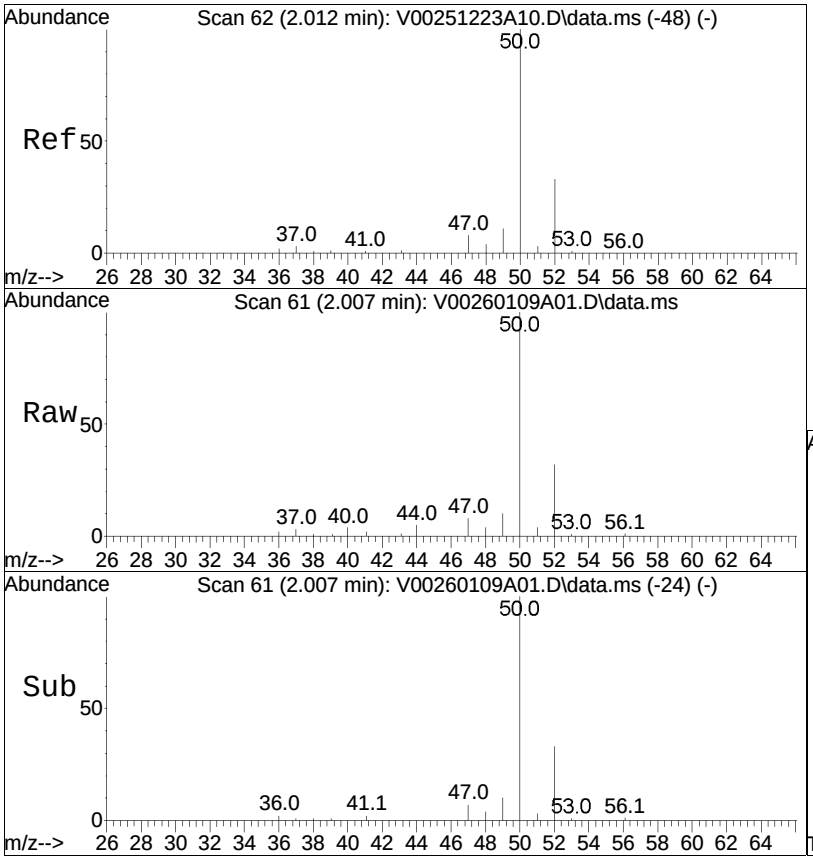


#2
Dichlorodifluoromethane
Concen: 43.66 ug/L
RT: 1.781 min Scan# 18
Delta R.T. -0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 85 Resp: 98710

Ion	Ratio	Lower	Upper
85	100		
87	32.4	14.6	30.2#
50	14.3	6.1	12.7#

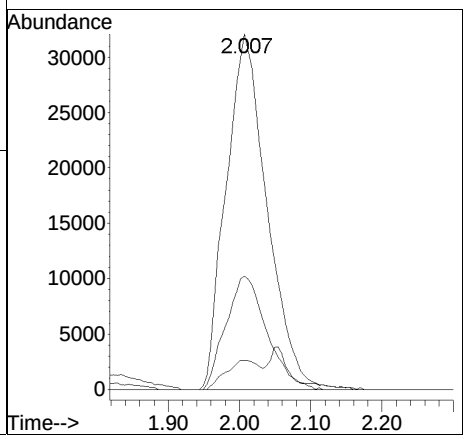


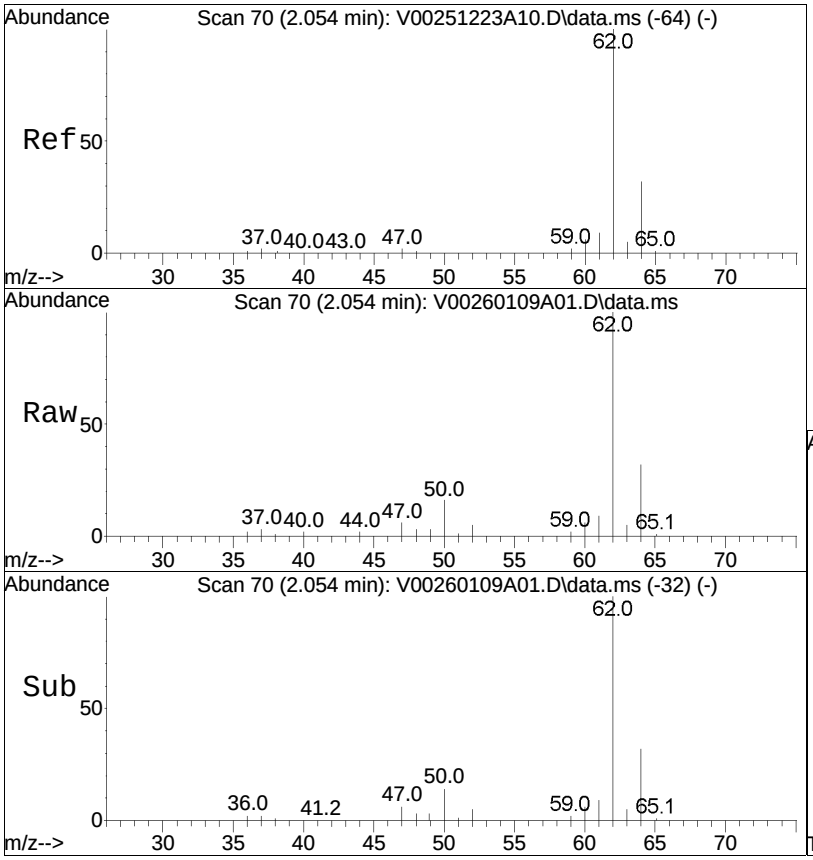


#3
Chloromethane
Concen: 54.39 ug/L
RT: 2.007 min Scan# 61
Delta R.T. -0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 50 Resp: 127879

Ion	Ratio	Lower	Upper
50	100		
52	31.9	14.2	54.2
47	6.8	0.0	28.0

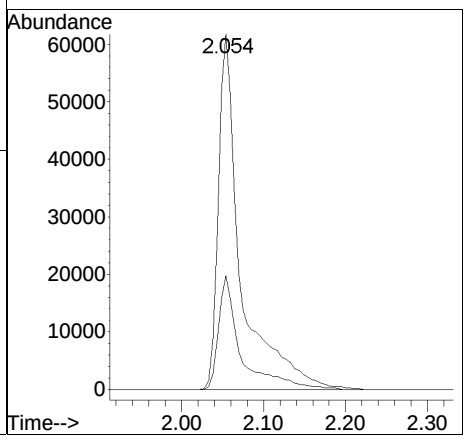


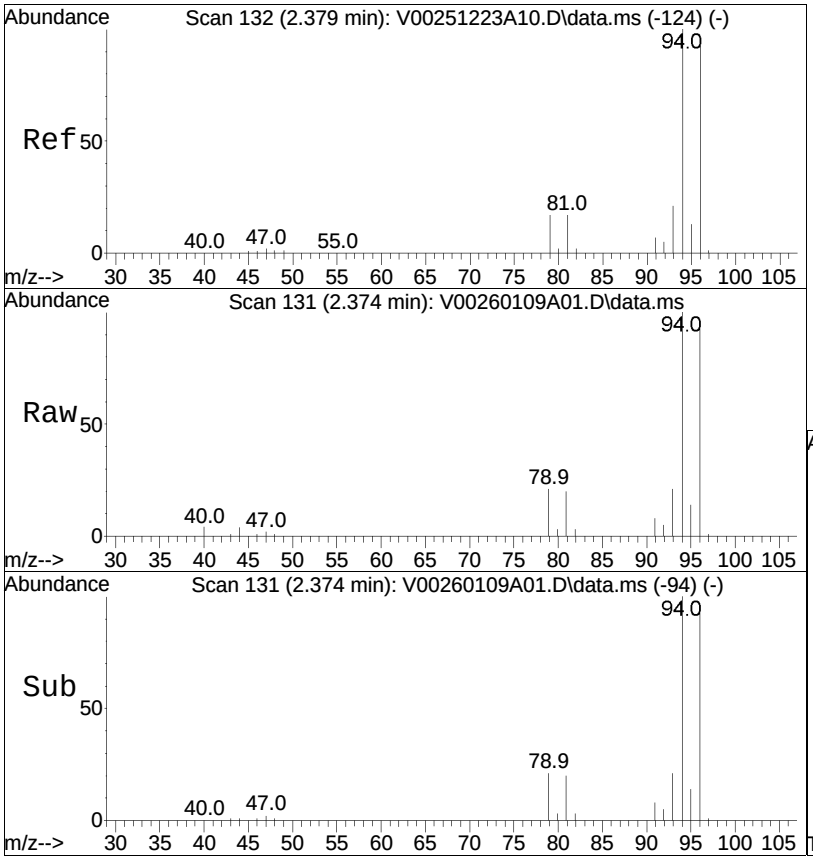


#4
Vinyl chloride
Concen: 50.78 ug/L
RT: 2.054 min Scan# 70
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 62 Resp: 118394

Ion	Ratio	Lower	Upper
62	100		
64	31.6	4.4	44.4

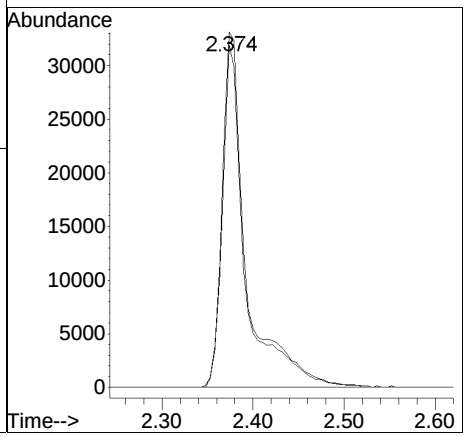


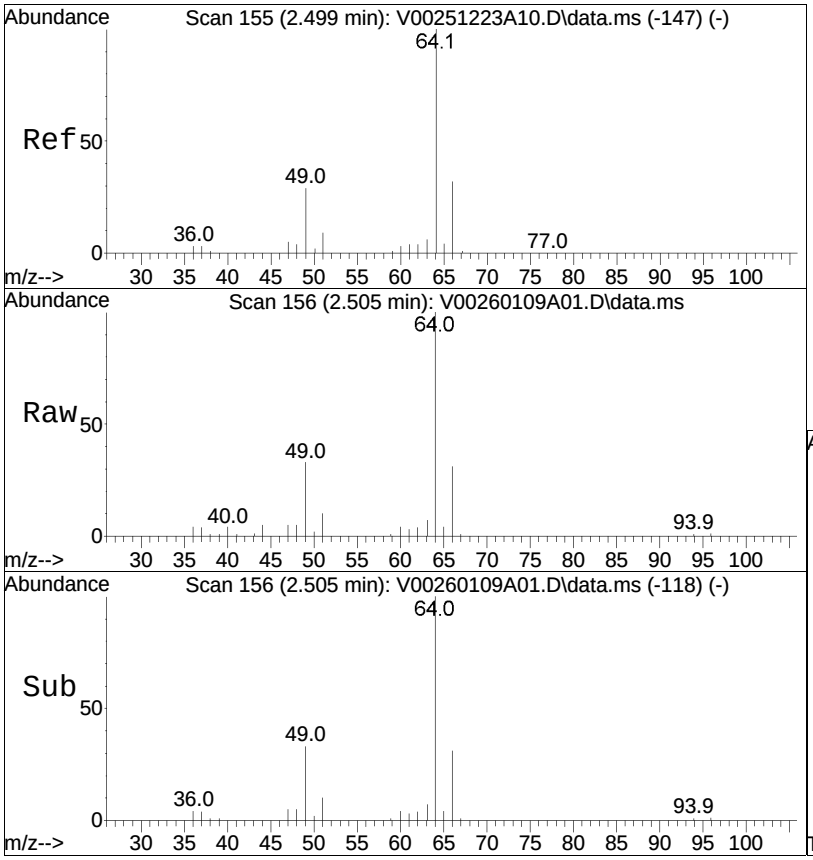


#5
Bromomethane
Concen: 50.61 ug/L
RT: 2.374 min Scan# 131
Delta R.T. -0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 94 Resp: 61602

Ion	Ratio	Lower	Upper
94	100		
96	92.2	72.4	112.4

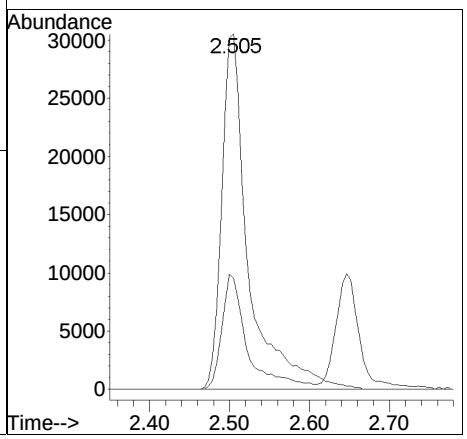


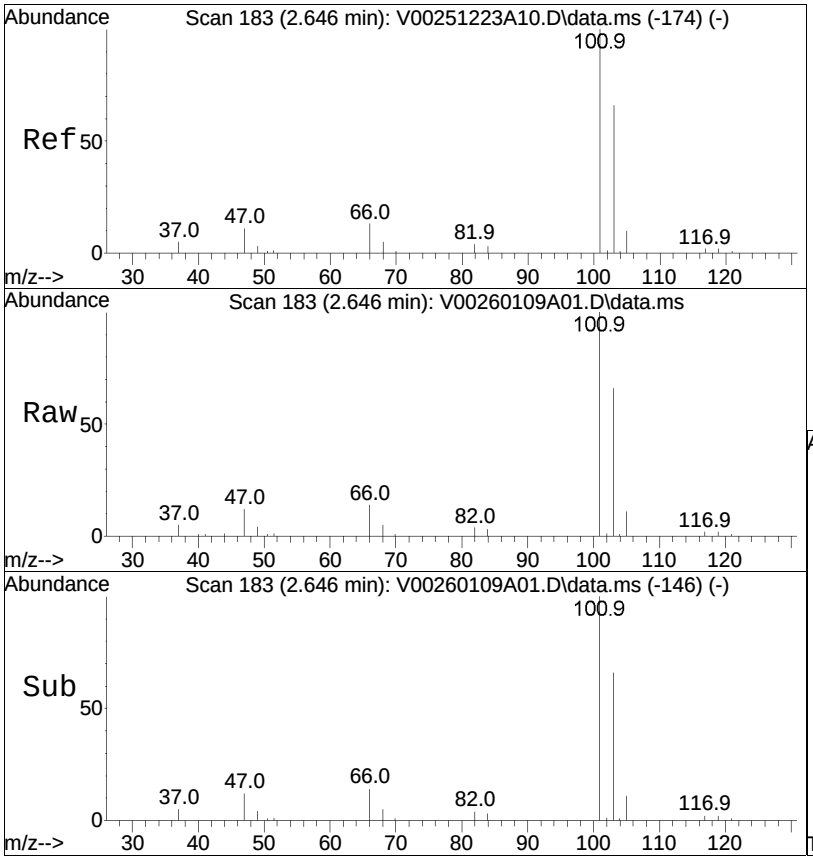


#6
Chloroethane
Concen: 48.67 ug/L
RT: 2.505 min Scan# 156
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 64 Resp: 71019

Ion	Ratio	Lower	Upper
64	100		
66	31.1	4.8	44.8

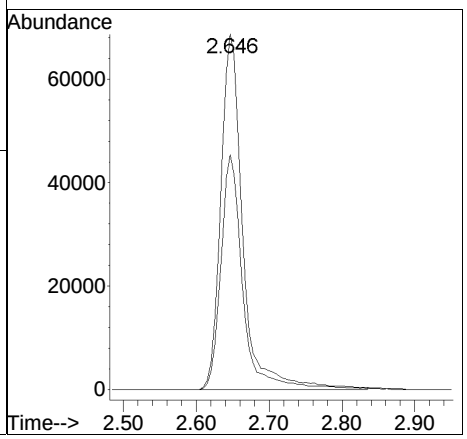


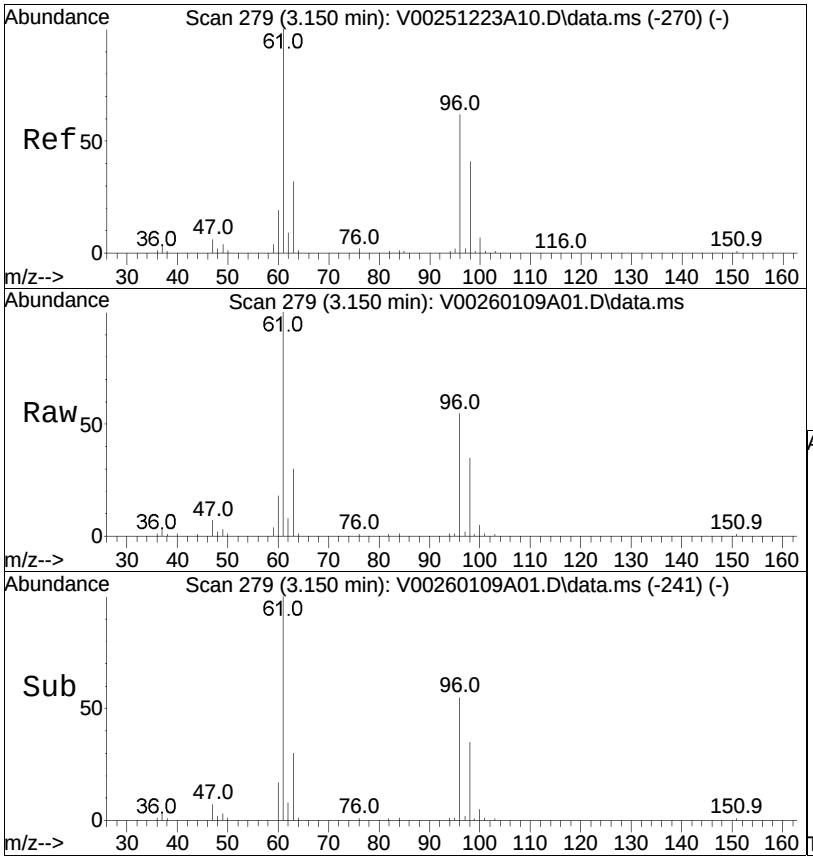


#7
Trichlorofluoromethane
Concen: 45.14 ug/L
RT: 2.646 min Scan# 183
Delta R.T. -0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:101 Resp: 144888

Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.5	77.3

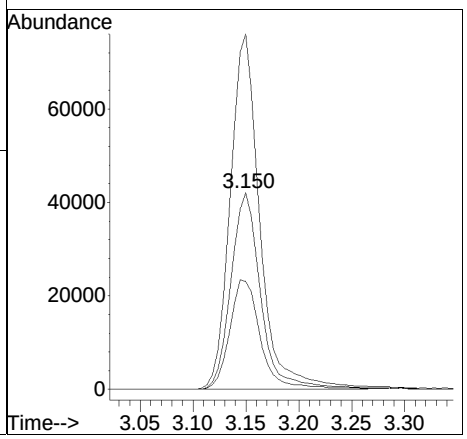


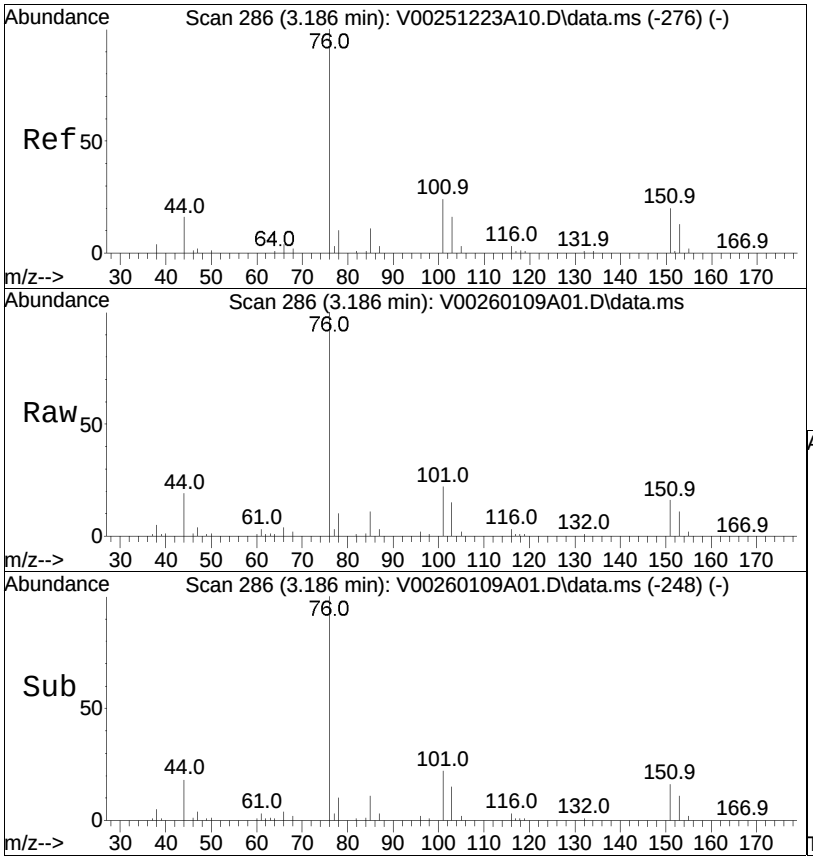


#10
1,1-Dichloroethene
Concen: 43.87 ug/L
RT: 3.150 min Scan# 279
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 96 Resp: 82906

Ion	Ratio	Lower	Upper
96	100		
61	181.1	149.4	224.2
63	57.6	47.0	70.6

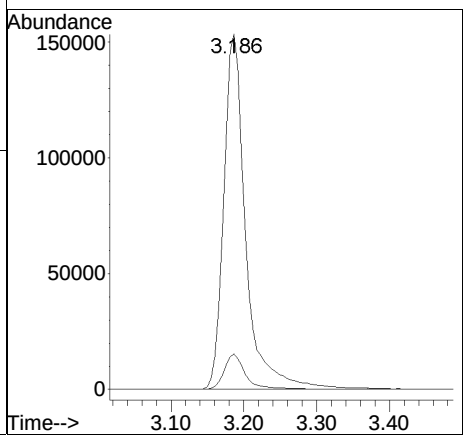


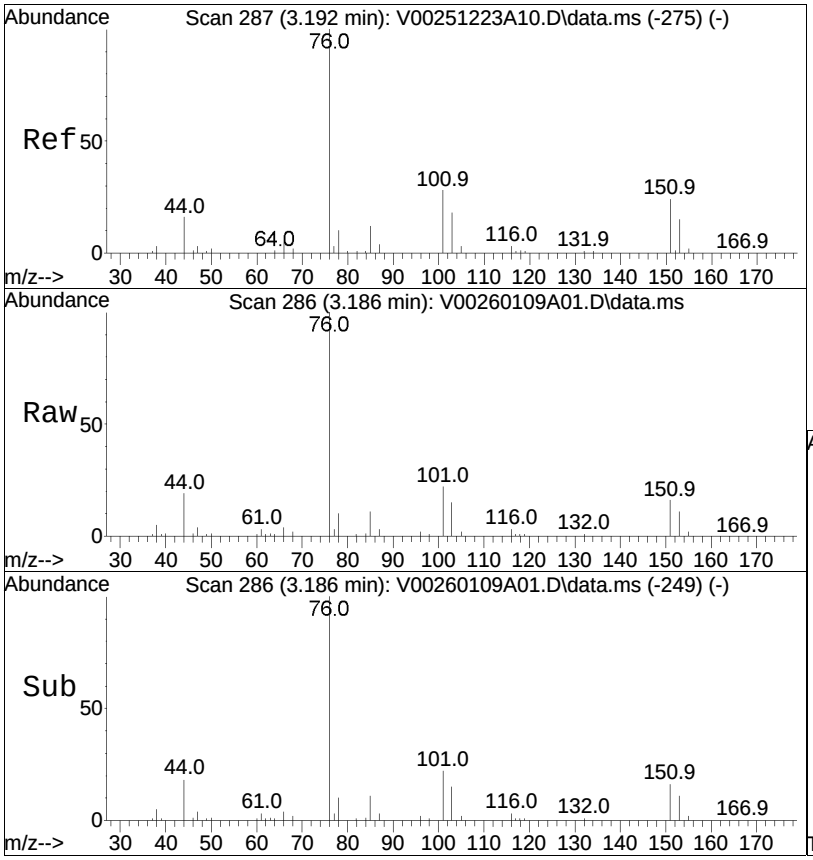


#11
Carbon disulfide
Concen: 42.12 ug/L
RT: 3.186 min Scan# 286
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 76 Resp: 322945

Ion	Ratio	Lower	Upper
76	100		
78	9.7	6.4	13.4

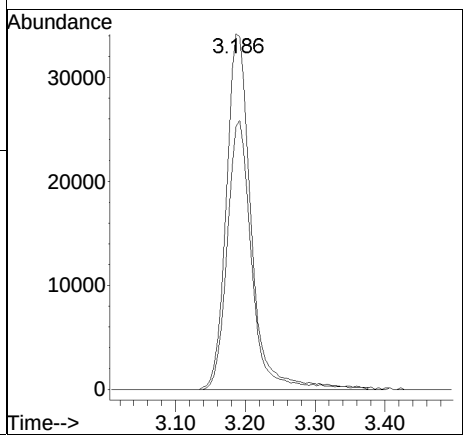


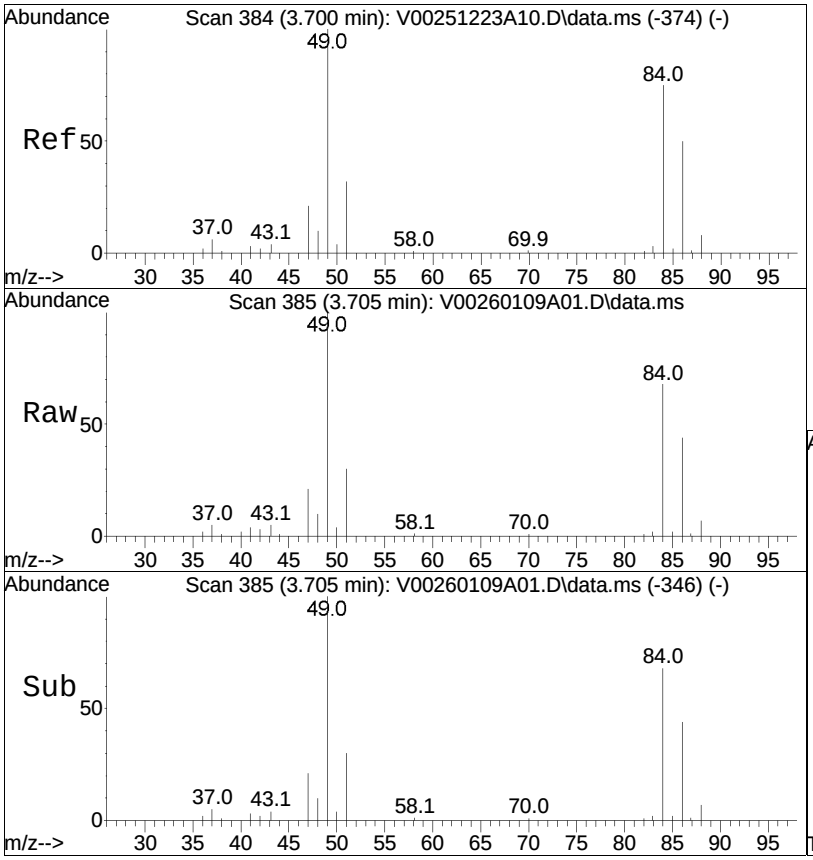


#12
Freon-113
Concen: 45.01 ug/L
RT: 3.186 min Scan# 286
Delta R.T. -0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:101 Resp: 84745

Ion	Ratio	Lower	Upper
101	100		
151	72.9	58.9	88.3

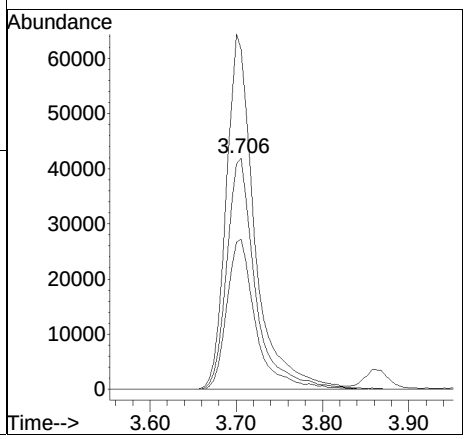


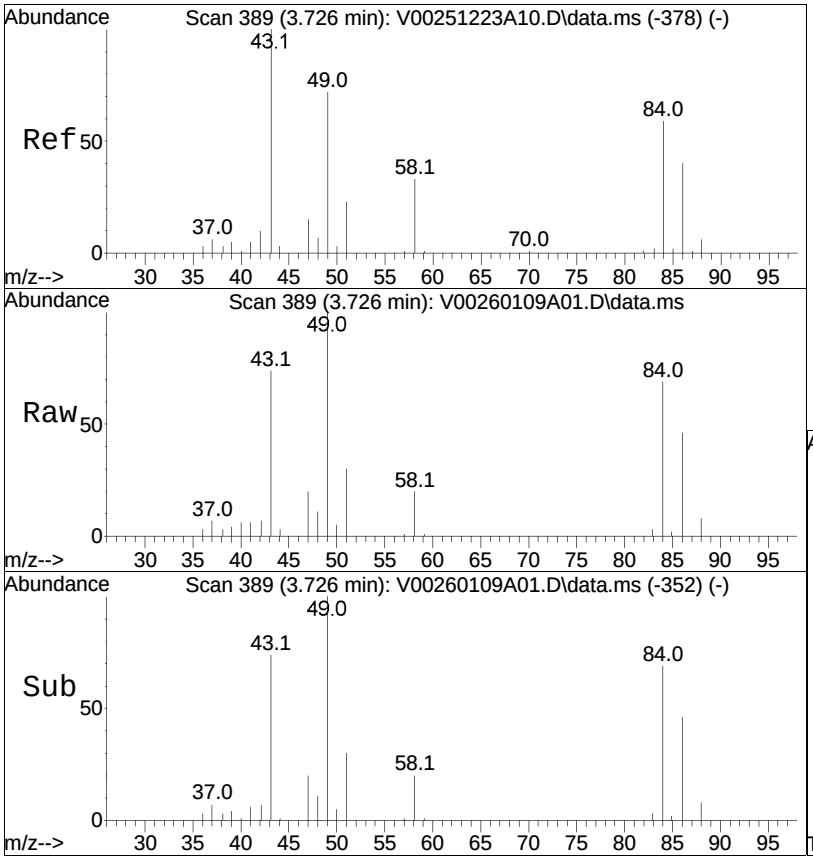


#15
Methylene chloride
Concen: 41.59 ug/L
RT: 3.705 min Scan# 385
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 84 Resp: 97342

Ion	Ratio	Lower	Upper
84	100		
86	65.6	39.6	82.2
49	152.2	72.7	150.9#

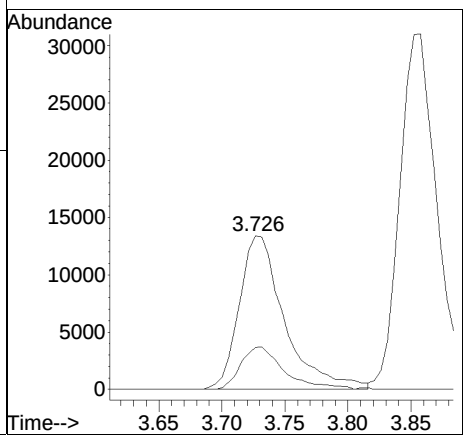


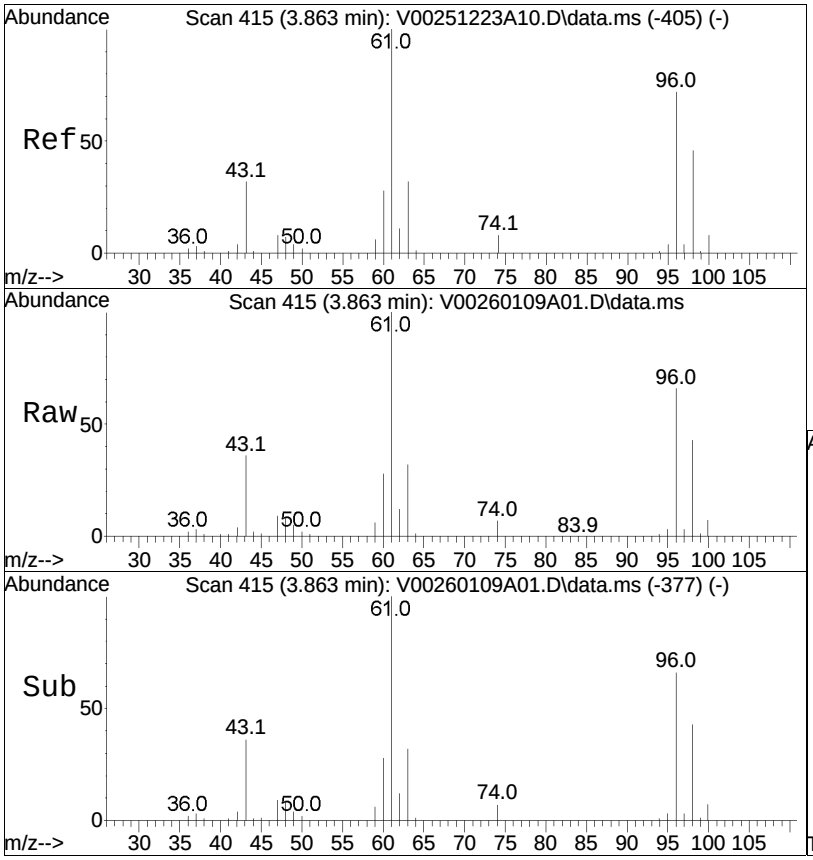


#17
Acetone
Concen: 31.90 ug/L
RT: 3.726 min Scan# 389
Delta R.T. -0.006 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 43 Resp: 33595

Ion	Ratio	Lower	Upper
43	100		
58	26.5	27.2	40.8#

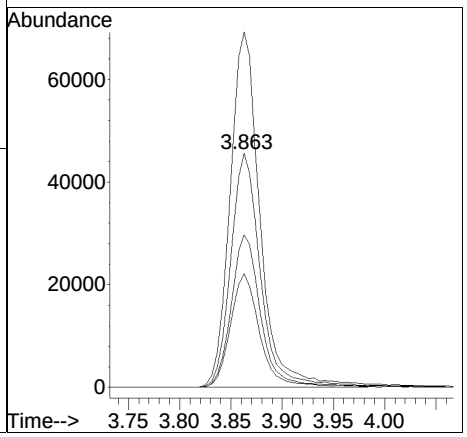


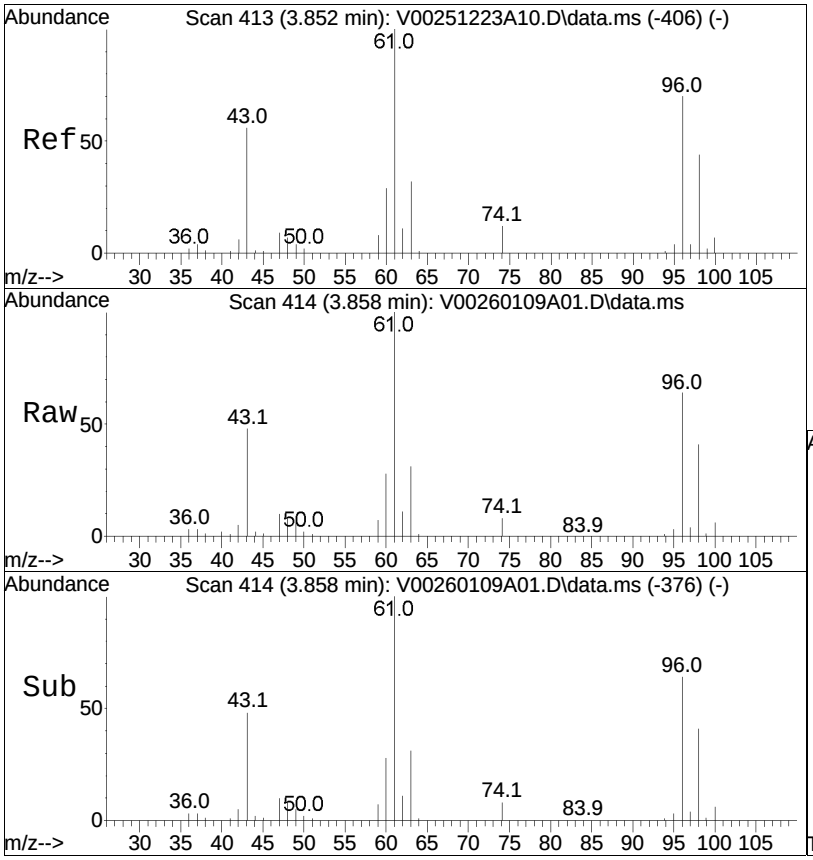


#18
trans-1,2-Dichloroethene
Concen: 42.75 ug/L
RT: 3.863 min Scan# 415
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 96 Resp: 92726

Ion	Ratio	Lower	Upper
96	100		
61	153.3	96.5	200.5
98	65.3	40.6	84.2
63	47.5	30.2	62.8

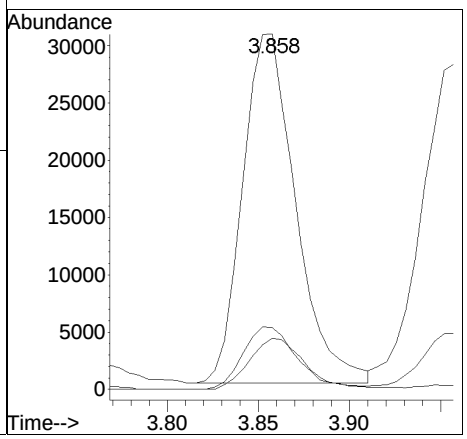


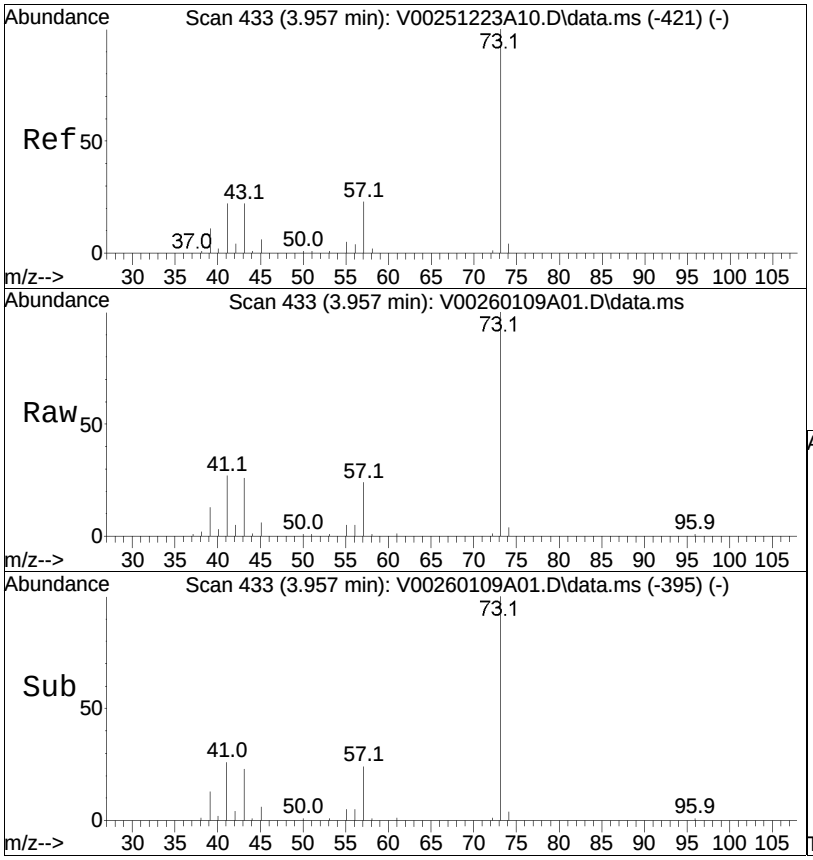


#19
Methyl acetate
Concen: 43.92 ug/L
RT: 3.858 min Scan# 414
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 43 Resp: 61777

Ion	Ratio	Lower	Upper
43	100		
74	18.5	22.7	34.1#
59	15.5	22.9	34.3#

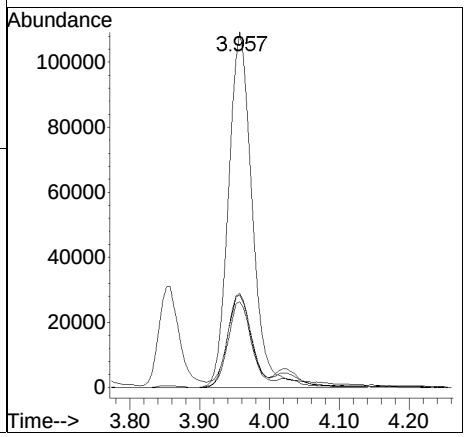


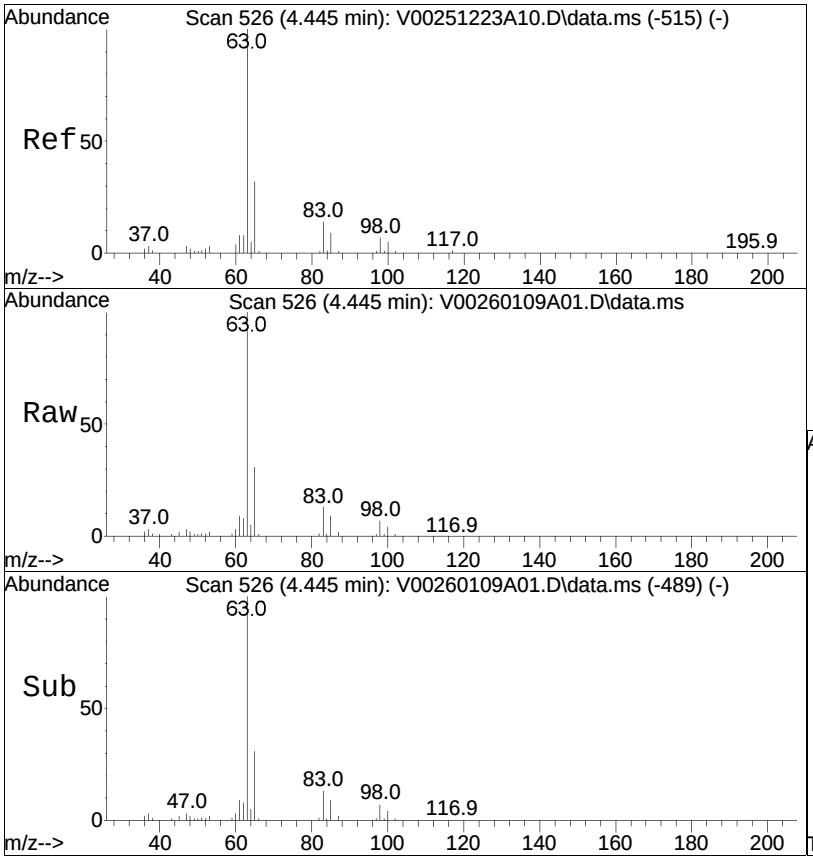


#20
Methyl tert-butyl ether
Concen: 43.77 ug/L
RT: 3.957 min Scan# 433
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 73 Resp: 265130

Ion	Ratio	Lower	Upper
73	100		
57	23.6	14.7	30.5
43	25.0	12.5	26.1
41	25.8	11.6	24.0#

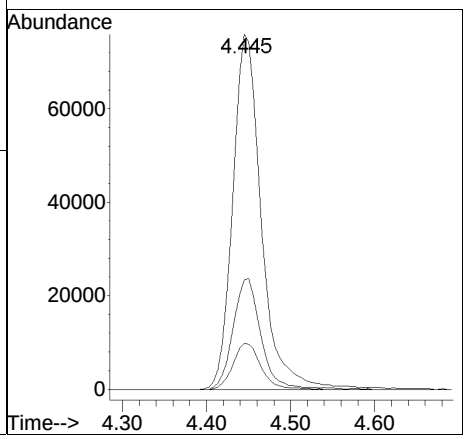


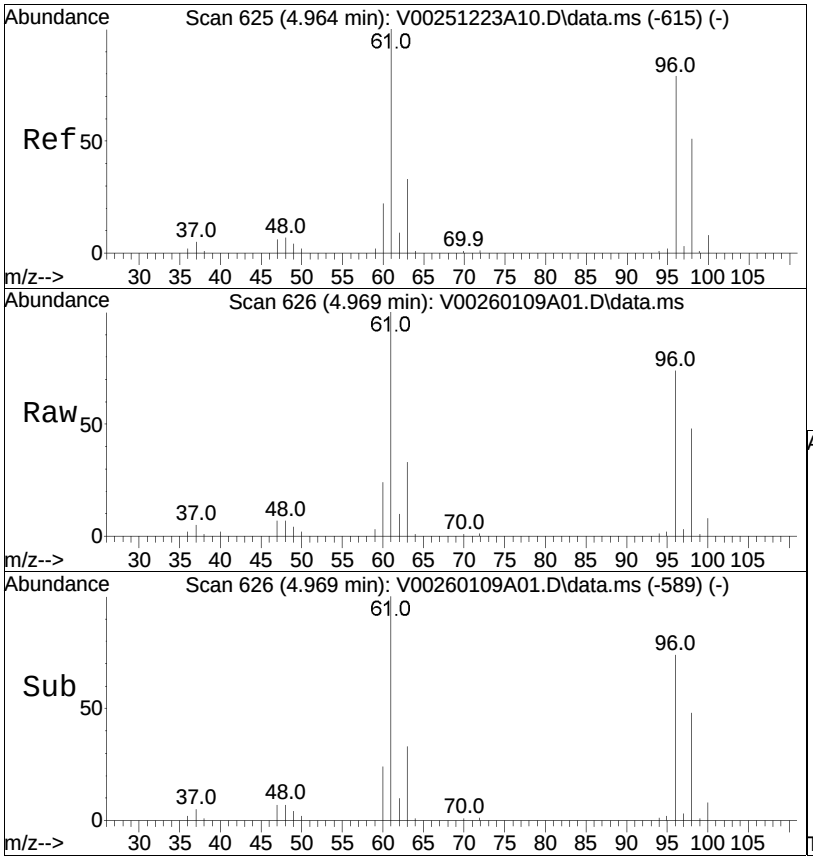


#23
1,1-Dichloroethane
Concen: 46.30 ug/L
RT: 4.445 min Scan# 526
Delta R.T. -0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 63 Resp: 179933

Ion	Ratio	Lower	Upper
63	100		
65	30.3	10.4	50.4
83	12.7	0.0	32.6

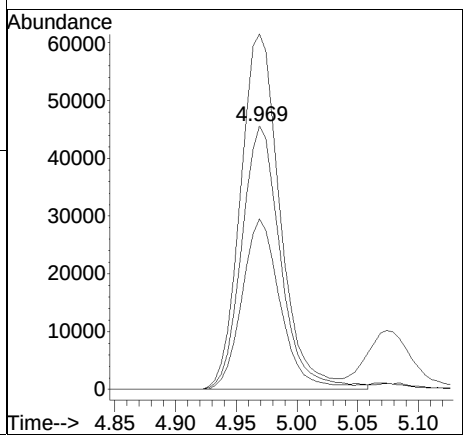


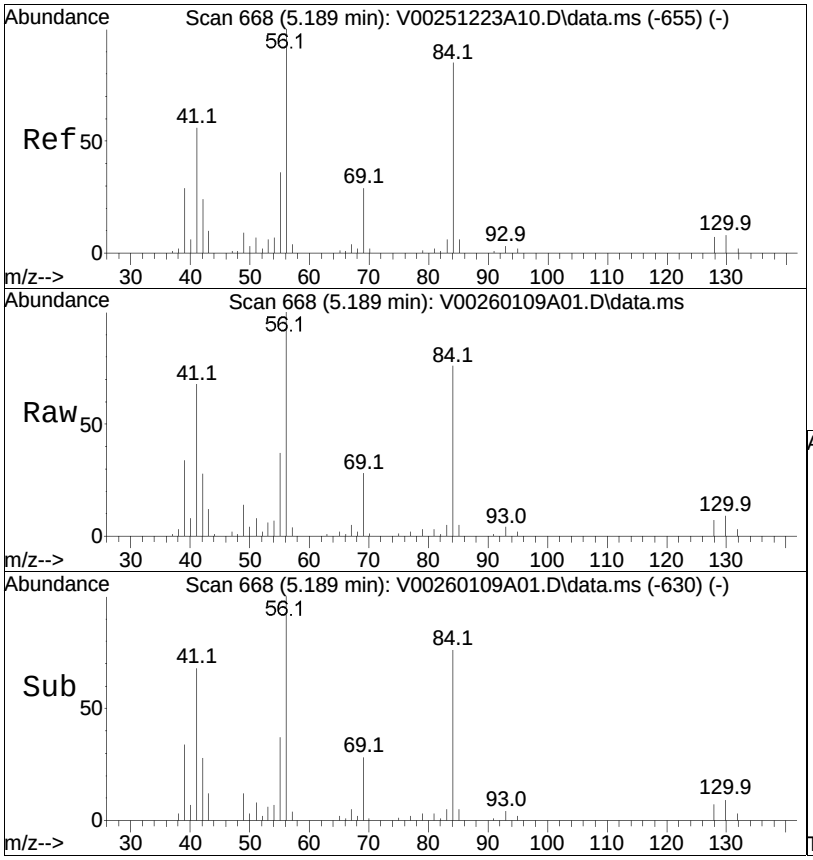


#28
cis-1,2-Dichloroethene
Concen: 42.31 ug/L
RT: 4.969 min Scan# 626
Delta R.T. -0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 96 Resp: 101685

Ion	Ratio	Lower	Upper
96	100		
61	136.9	107.8	161.8
98	63.8	51.4	77.0

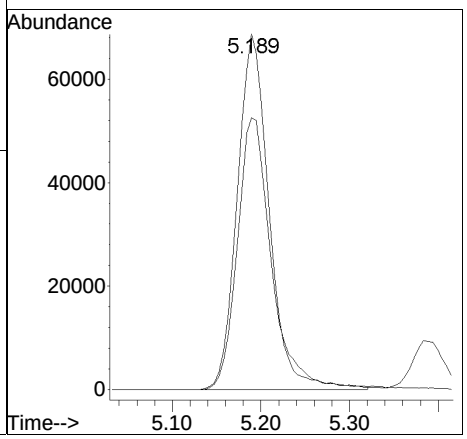


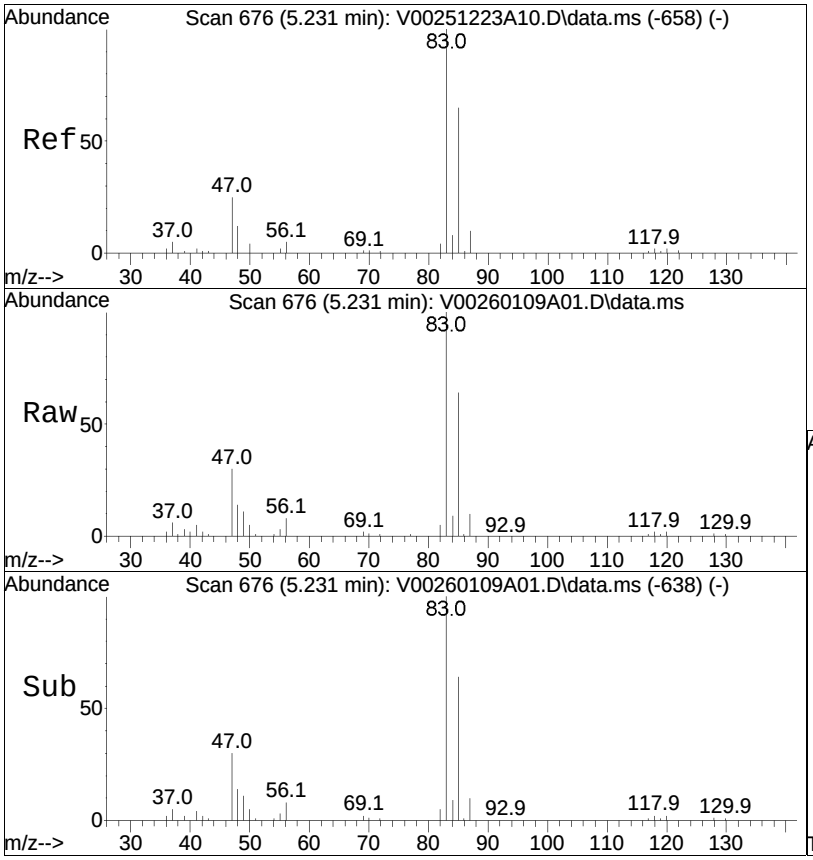


#32
Cyclohexane
Concen: 49.69 ug/L
RT: 5.189 min Scan# 668
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 56 Resp: 172328

Ion	Ratio	Lower	Upper
56	100		
84	81.7	60.3	125.1

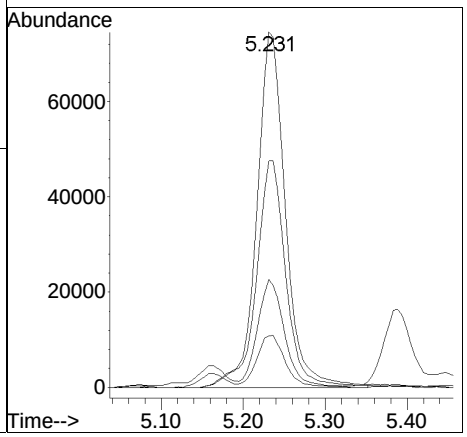


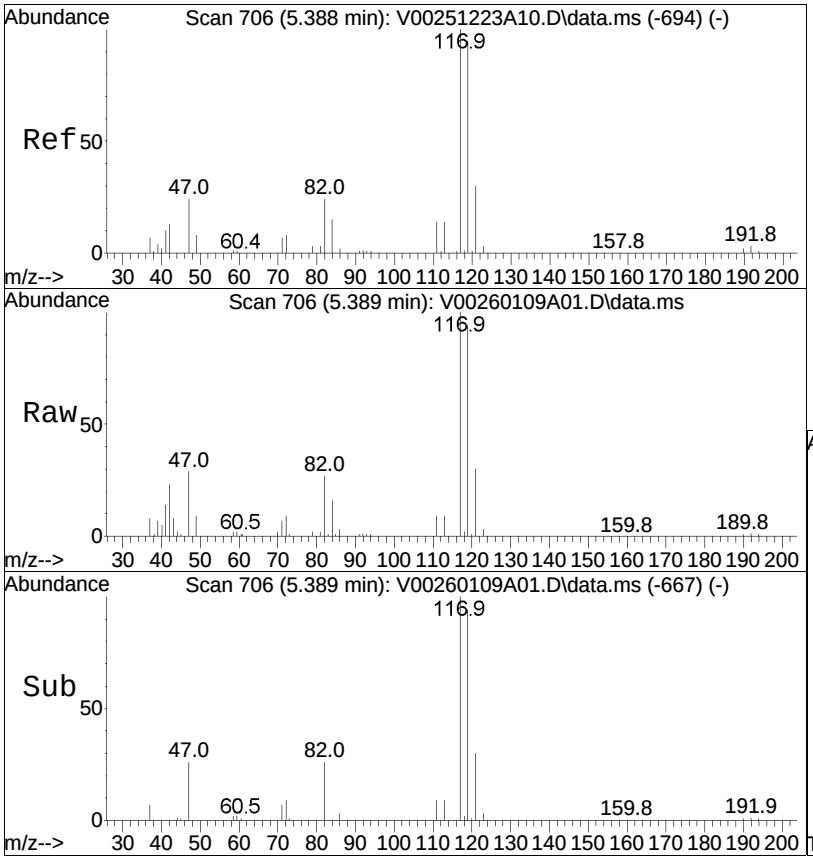


#33
Chloroform
Concen: 43.74 ug/L
RT: 5.231 min Scan# 676
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 83 Resp: 181295

Ion	Ratio	Lower	Upper
83	100		
85	66.0	43.3	89.9
47	27.8	14.4	29.8
48	14.7	7.5	15.7

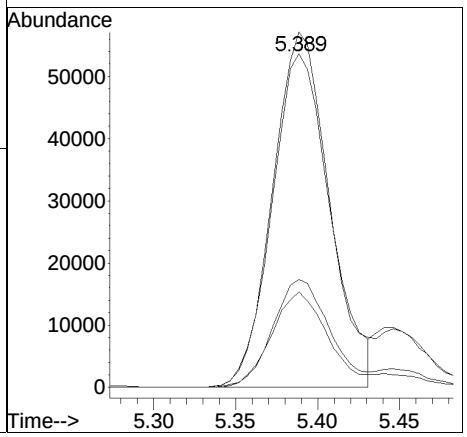


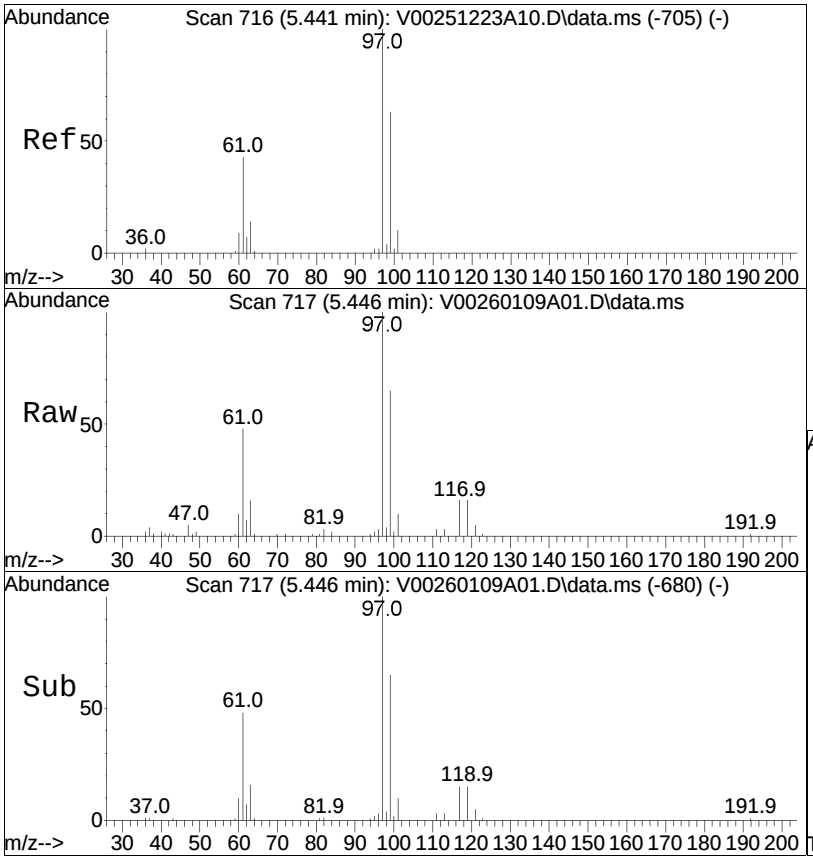


#35
Carbon tetrachloride
Concen: 42.55 ug/L
RT: 5.389 min Scan# 706
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:117 Resp: 138382

Ion	Ratio	Lower	Upper
117	100		
119	97.1	62.7	130.3
121	30.5	20.5	42.7
82	27.1	17.4	36.2

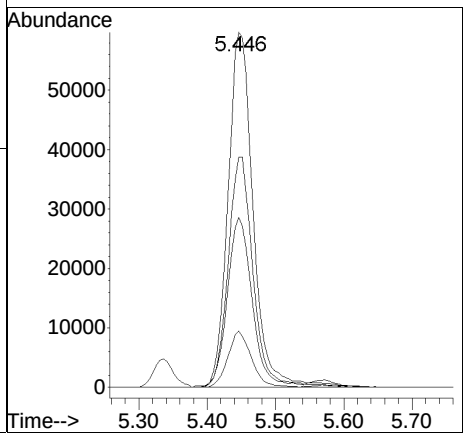


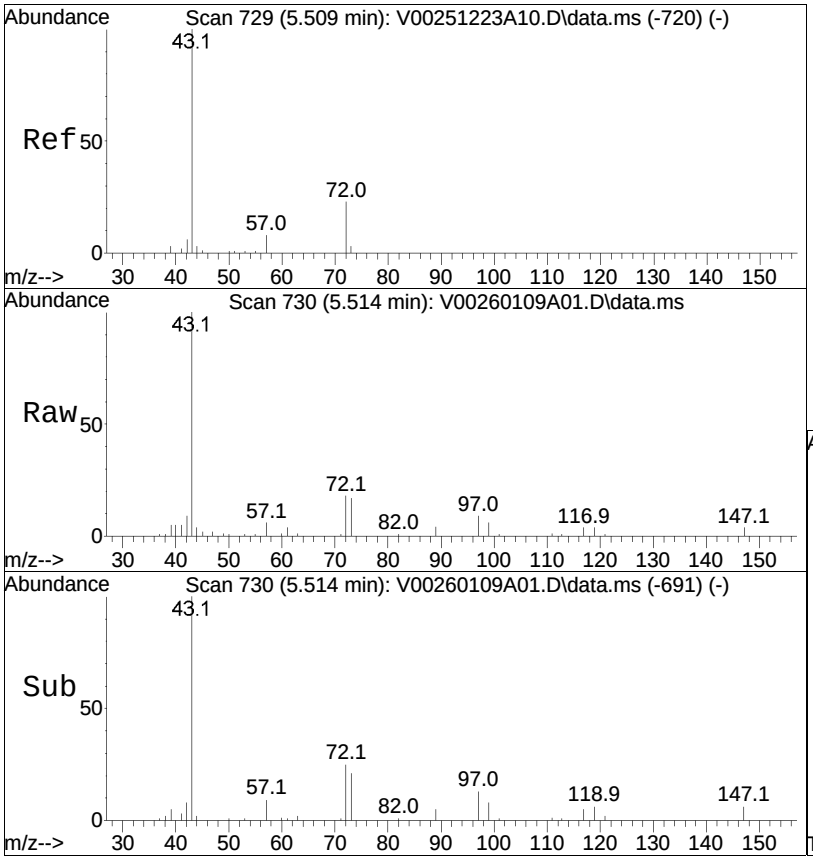


#38
1,1,1-Trichloroethane
Concen: 45.95 ug/L
RT: 5.446 min Scan# 717
Delta R.T. -0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 97 Resp: 153787

Ion	Ratio	Lower	Upper
97	100		
99	64.2	41.5	86.3
61	47.4	30.6	63.6
63	14.9	9.9	20.5

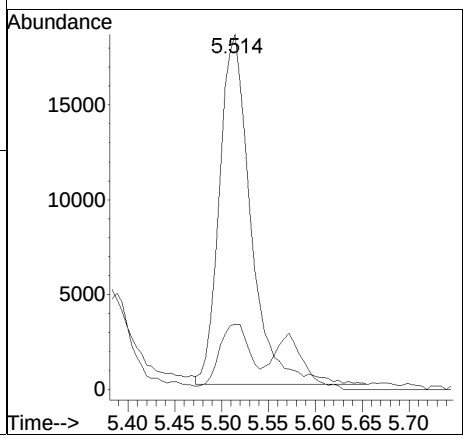


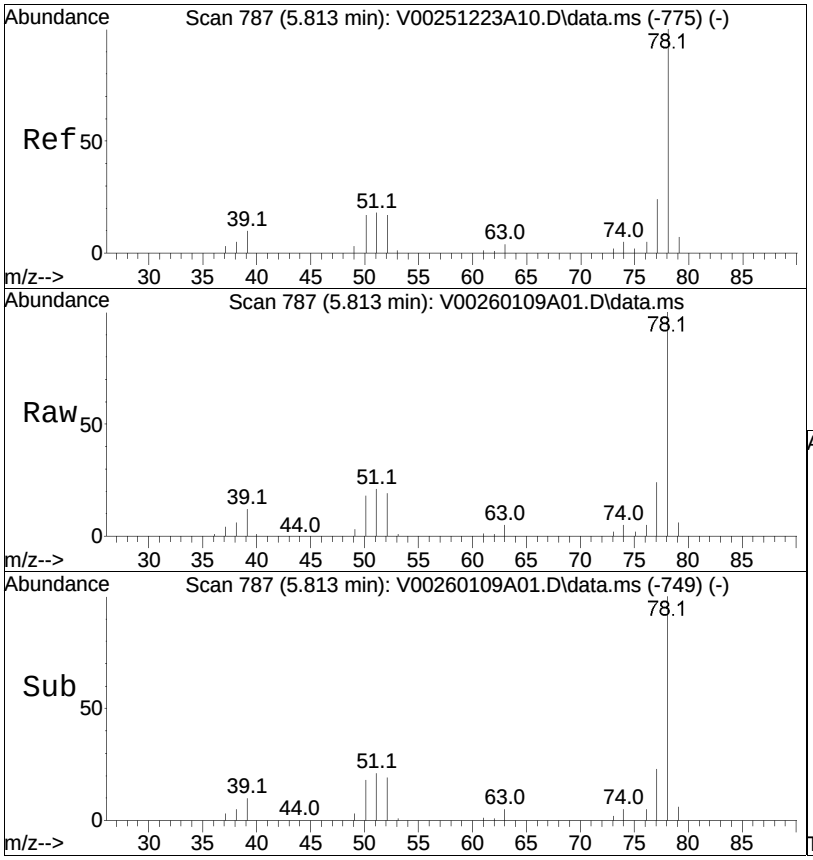


#40
2-Butanone
Concen: 47.60 ug/L
RT: 5.514 min Scan# 730
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 43 Resp: 43114

Ion	Ratio	Lower	Upper
43	100		
72	18.3	19.4	29.0#

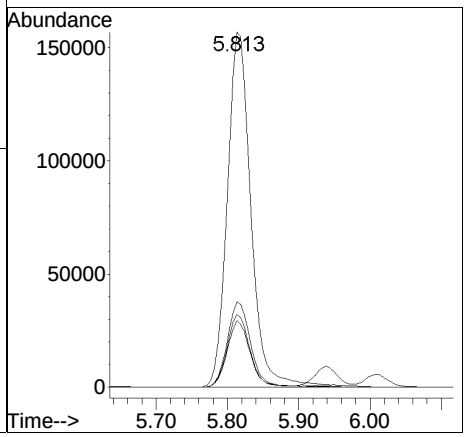


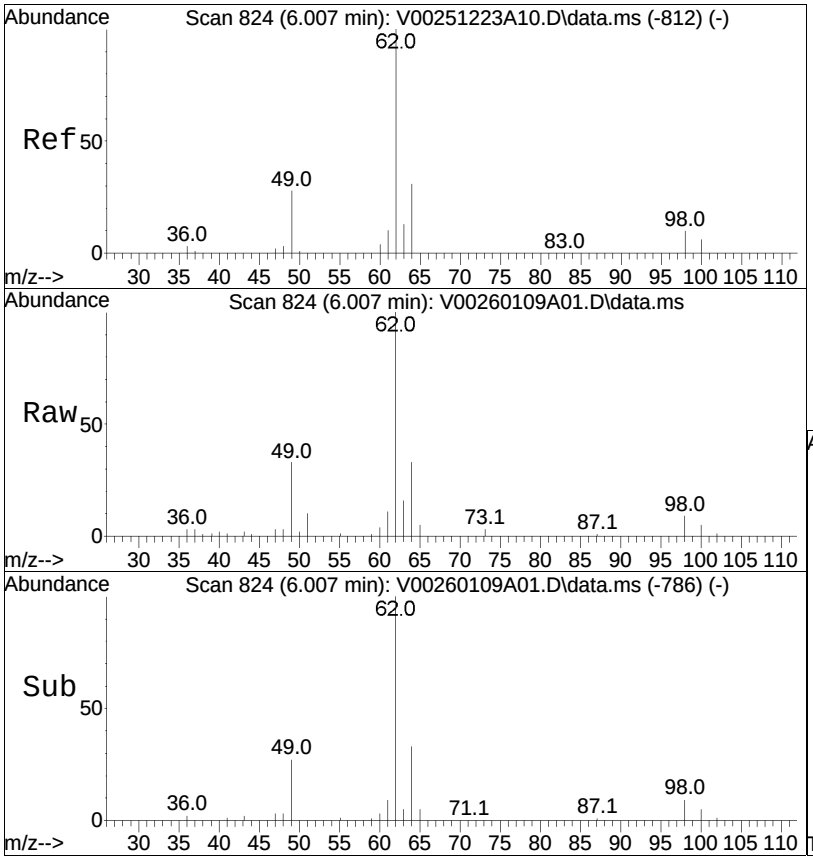


#42
Benzene
Concen: 45.53 ug/L
RT: 5.813 min Scan# 787
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 78 Resp: 364727

Ion	Ratio	Lower	Upper
78	100		
77	24.0	15.6	32.4
51	19.8	10.2	21.2
52	18.3	9.6	19.8

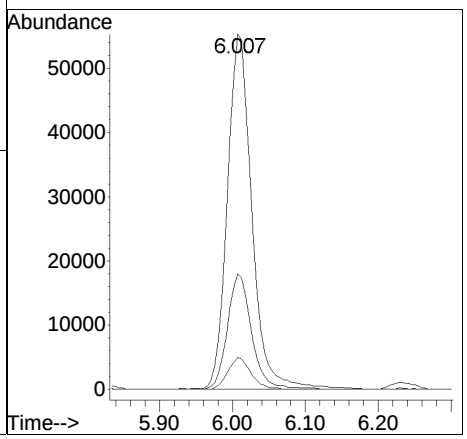


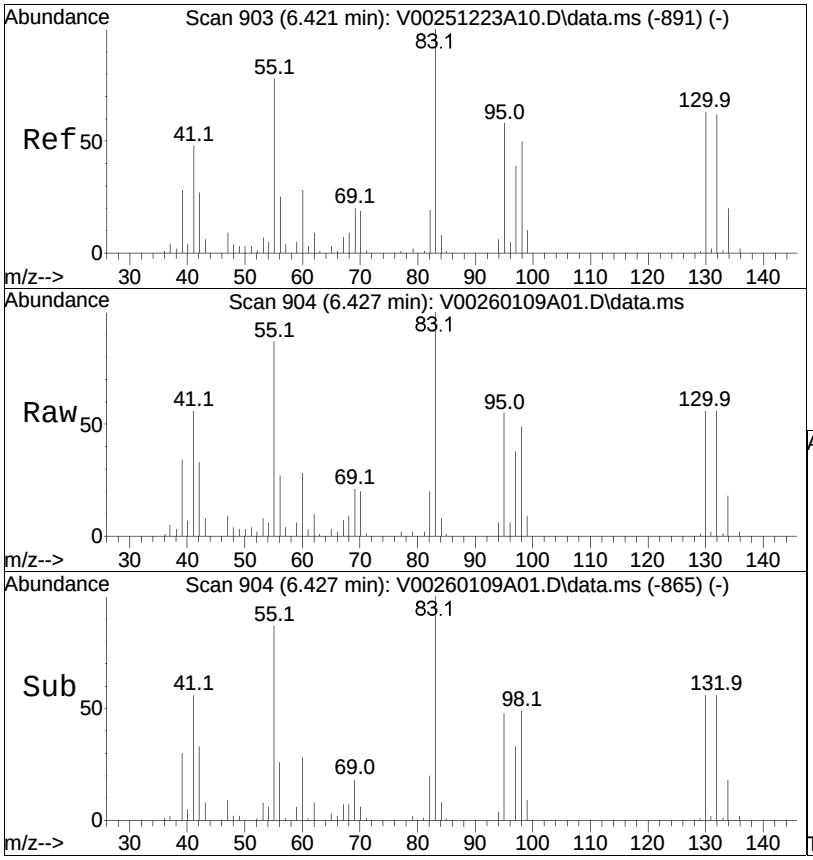


#45
1,2-Dichloroethane
Concen: 45.47 ug/L
RT: 6.007 min Scan# 824
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 62 Resp: 130219

Ion	Ratio	Lower	Upper
62	100		
64	31.9	12.6	52.6
98	8.4	0.0	28.7

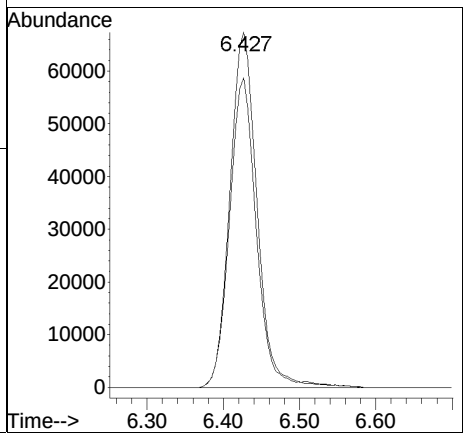


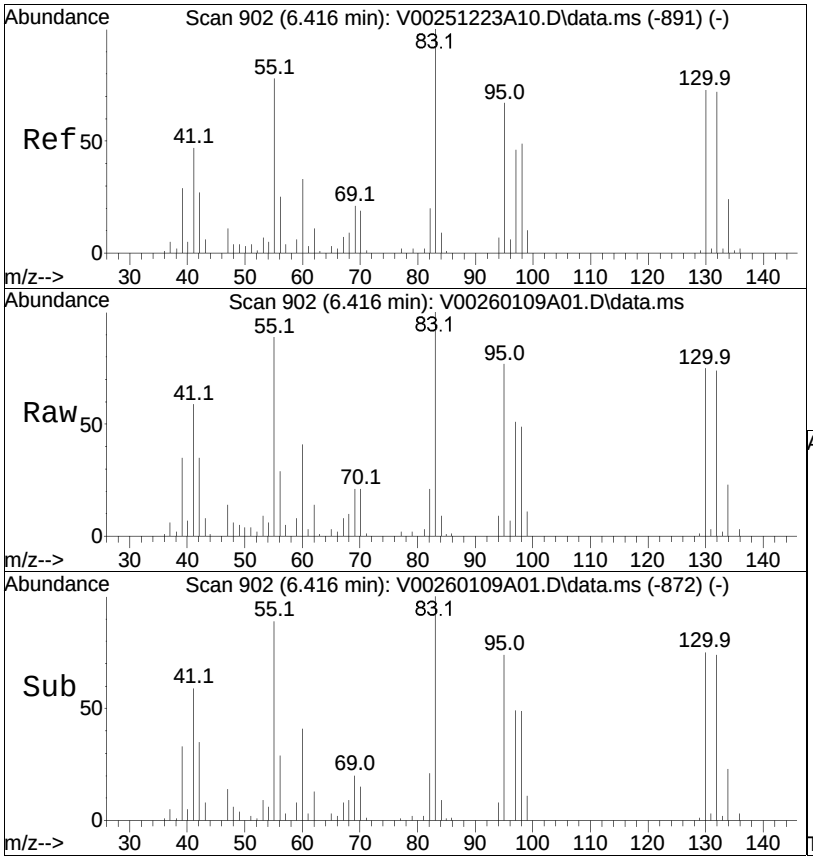


#48
Methyl cyclohexane
Concen: 46.02 ug/L
RT: 6.427 min Scan# 904
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 83 Resp: 167035

Ion	Ratio	Lower	Upper
83	100		
55	86.4	60.0	90.0

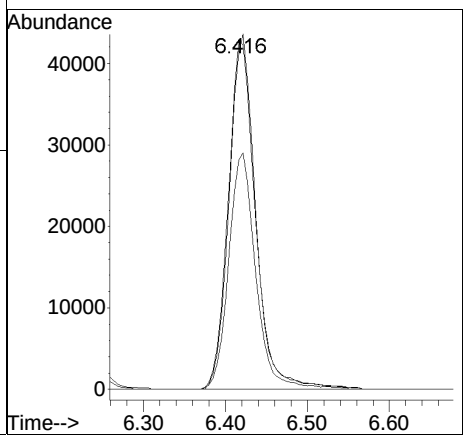


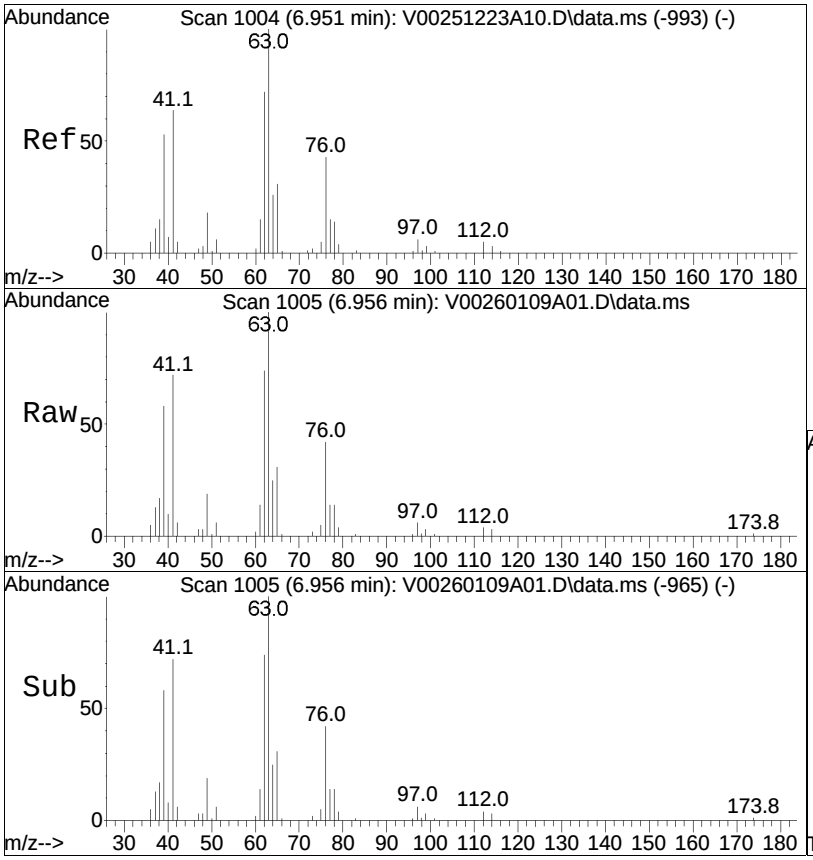


#49
Trichloroethene
Concen: 44.97 ug/L
RT: 6.416 min Scan# 902
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 95 Resp: 99473

Ion	Ratio	Lower	Upper
95	100		
97	67.1	54.2	81.4
130	99.4	77.0	115.6

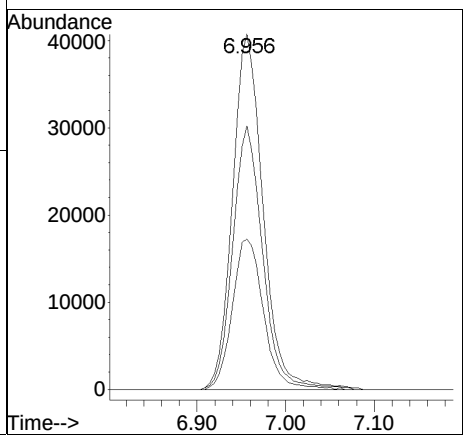


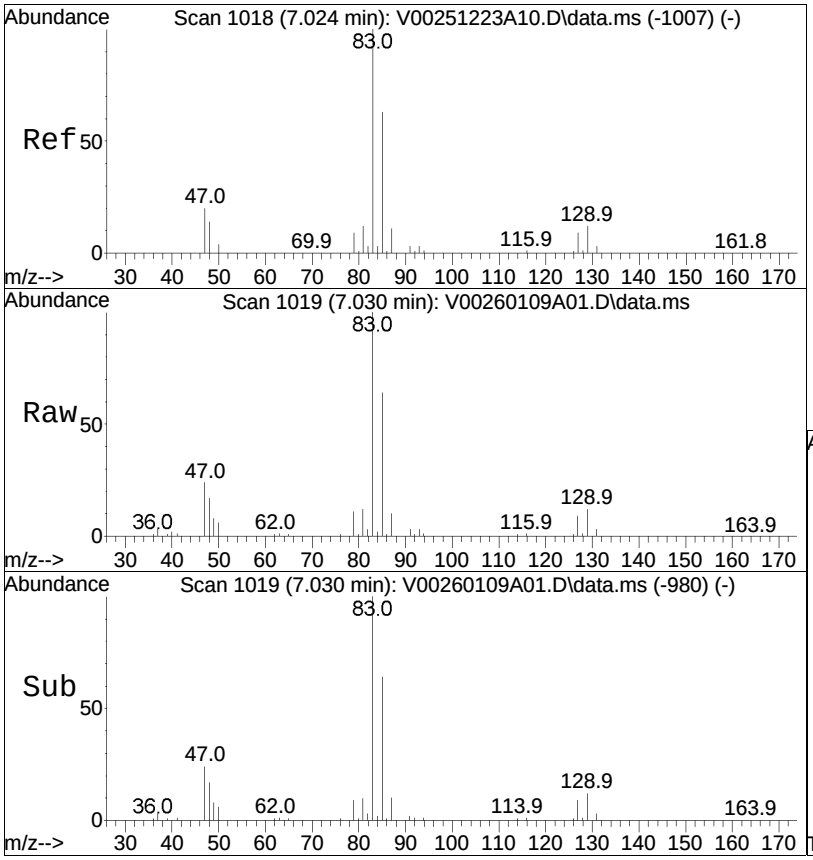


#52
1,2-Dichloropropane
Concen: 45.50 ug/L
RT: 6.956 min Scan# 1005
Delta R.T. 0.011 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 63 Resp: 97717

Ion	Ratio	Lower	Upper
63	100		
62	72.6	57.8	86.8
76	43.3	34.0	51.0

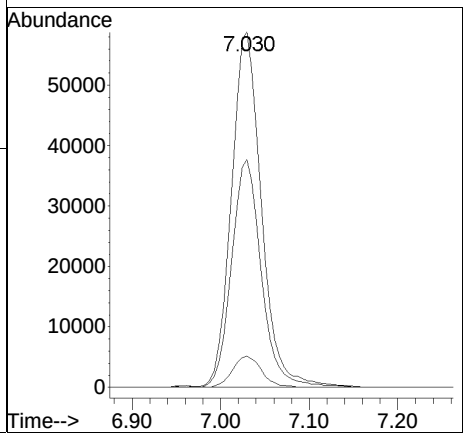


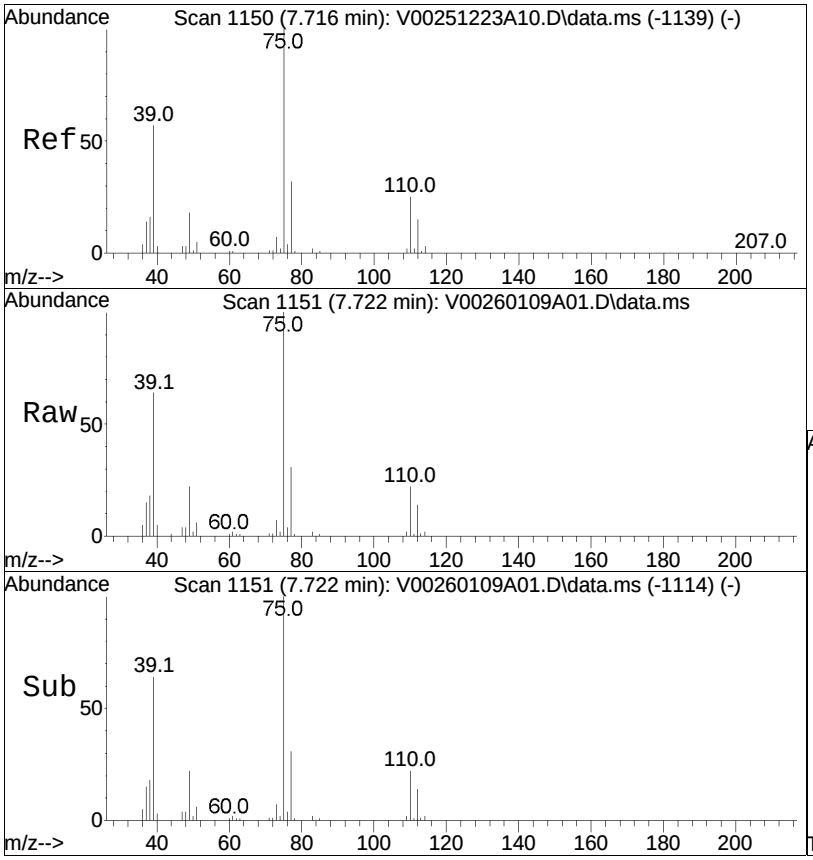


#55
Bromodichloromethane
Concen: 44.33 ug/L
RT: 7.030 min Scan# 1019
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 83 Resp: 138930

Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.9	76.3
127	8.5	6.6	9.8

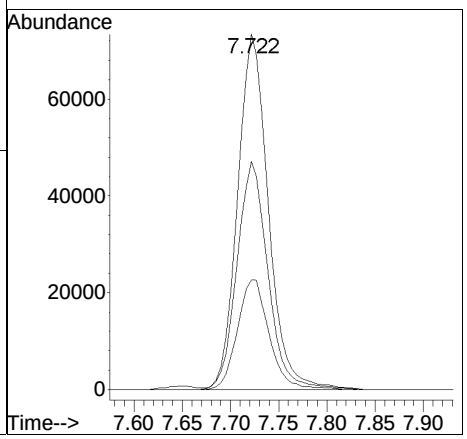


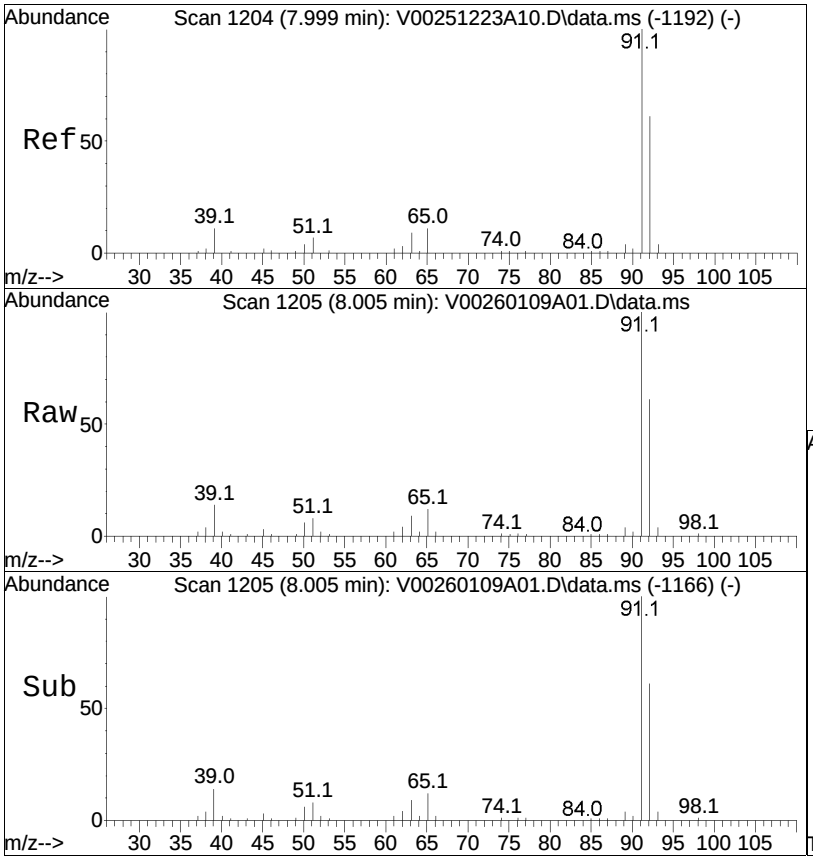


#59
cis-1,3-Dichloropropene
Concen: 45.39 ug/L
RT: 7.722 min Scan# 1151
Delta R.T. -0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 75 Resp: 163062

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.7	38.5
39	64.6	32.3	48.5#

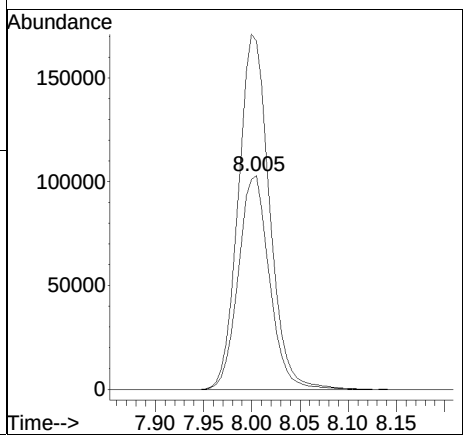


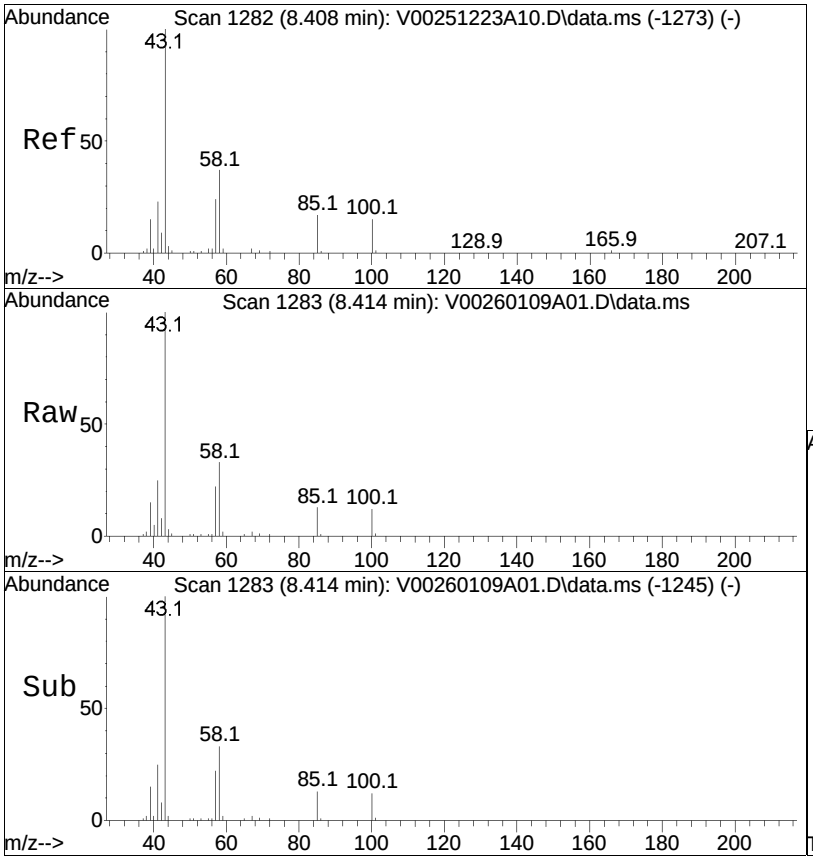


#62
Toluene
Concen: 44.37 ug/L
RT: 8.005 min Scan# 1205
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 92 Resp: 230740

Ion	Ratio	Lower	Upper
92	100		
91	166.4	138.2	207.2

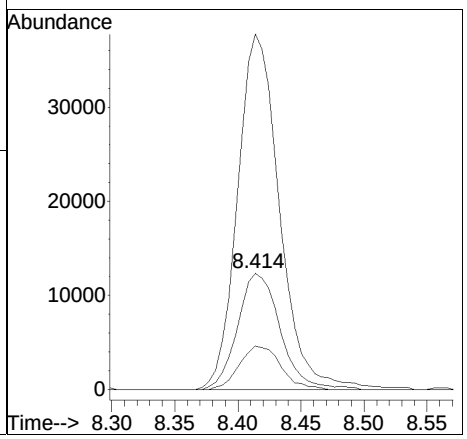


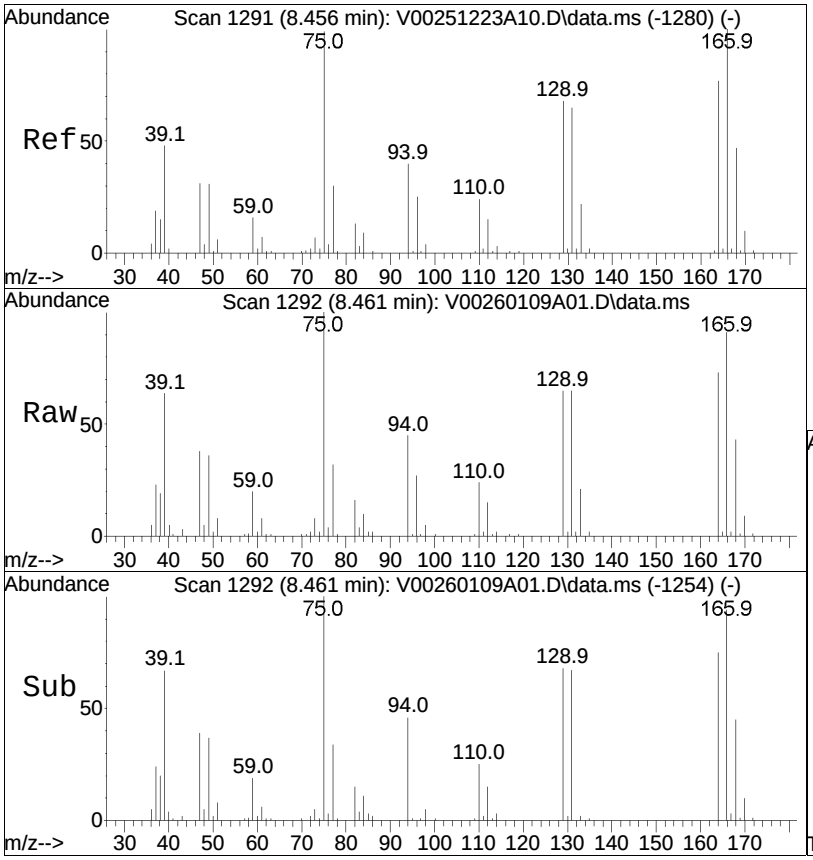


#63
4-Methyl-2-pentanone
Concen: 43.86 ug/L
RT: 8.414 min Scan# 1283
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 58 Resp: 28965

Ion	Ratio	Lower	Upper
58	100		
100	36.3	31.2	46.8
43	302.6	156.5	234.7#

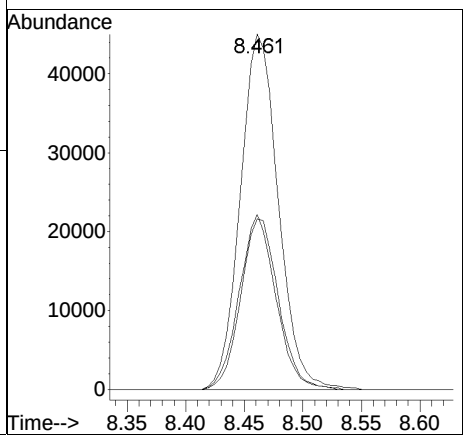


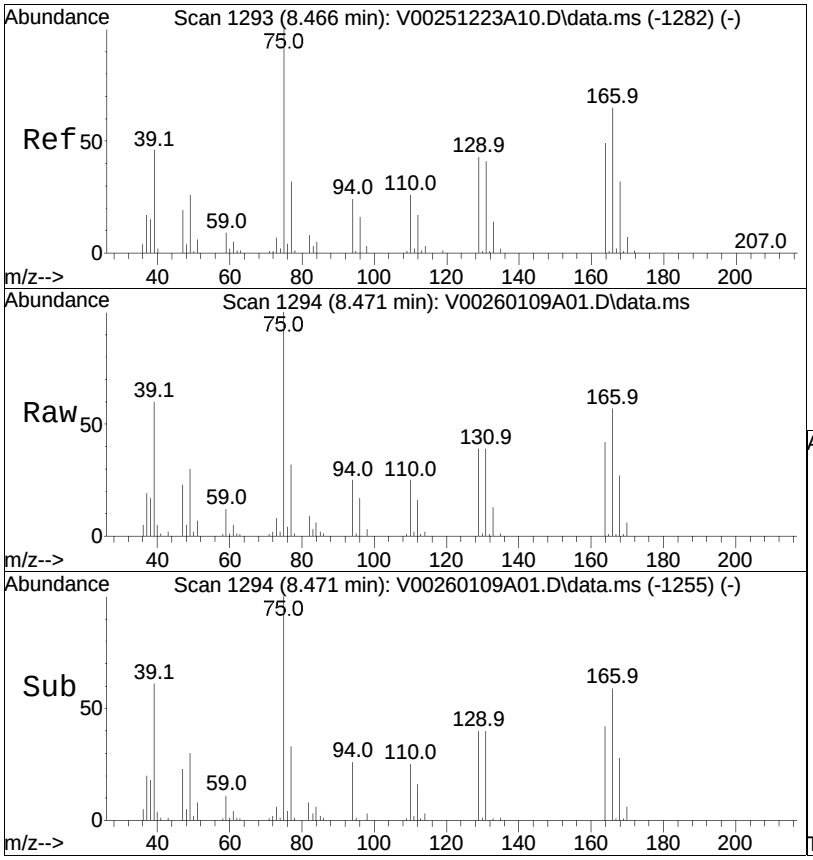


#64
Tetrachloroethene
Concen: 40.52 ug/L
RT: 8.461 min Scan# 1292
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:166 Resp: 101668

Ion	Ratio	Lower	Upper
166	100		
168	47.7	29.2	69.2
94	47.4	29.0	69.0

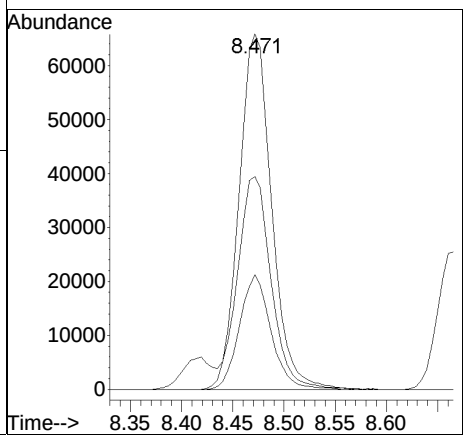


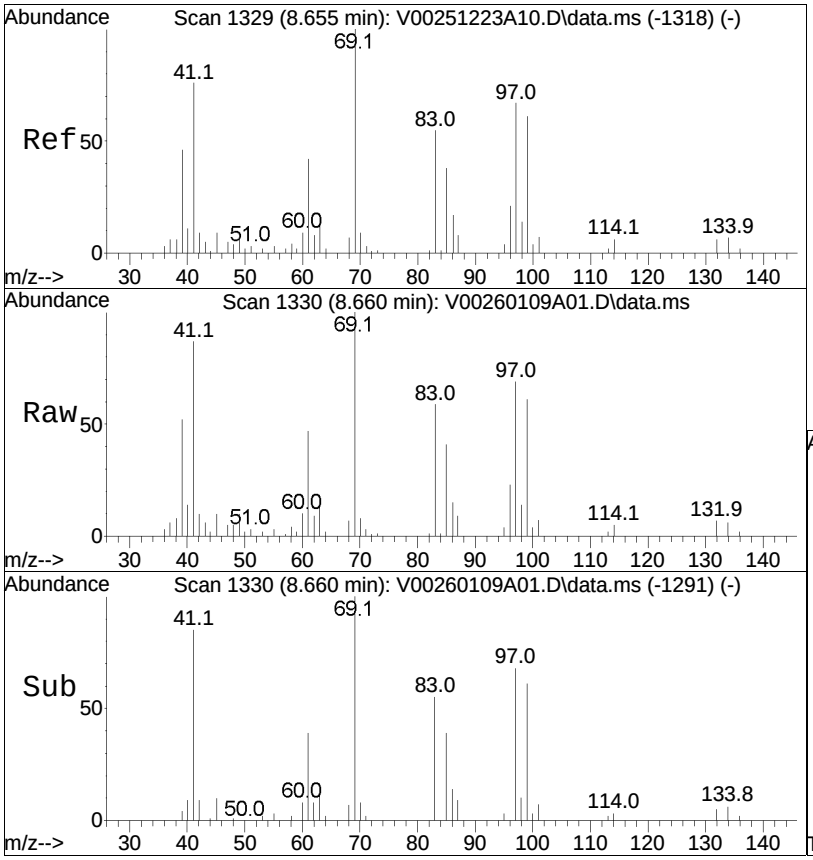


#66
trans-1,3-Dichloropropene
Concen: 46.07 ug/L
RT: 8.471 min Scan# 1294
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 75 Resp: 146266

Ion	Ratio	Lower	Upper
75	100		
77	31.1	11.8	51.8
39	61.4	23.7	63.7

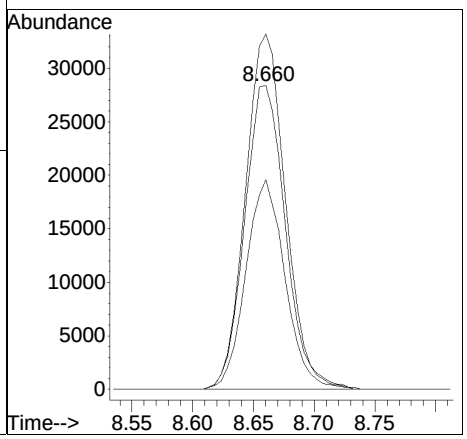


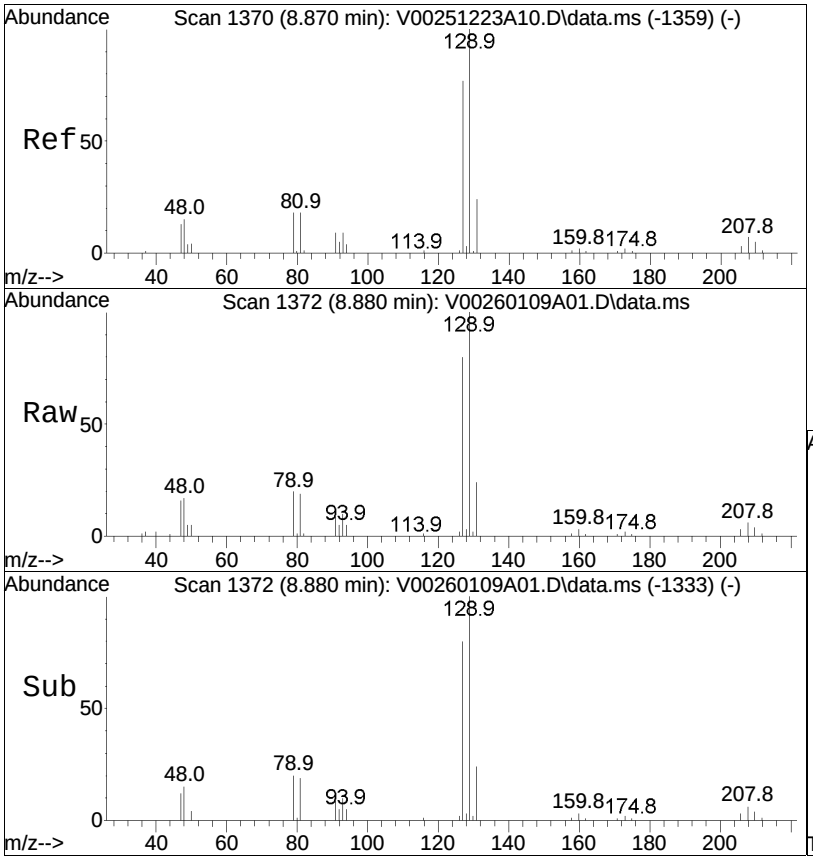


#69
1,1,2-Trichloroethane
Concen: 44.47 ug/L
RT: 8.660 min Scan# 1330
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 83 Resp: 66390

Ion	Ratio	Lower	Upper
83	100		
97	115.2	98.8	138.8
85	66.6	46.5	86.5

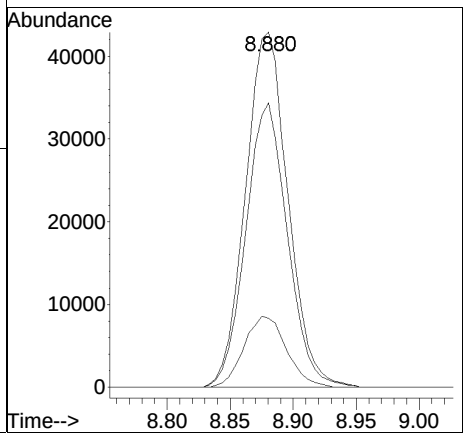


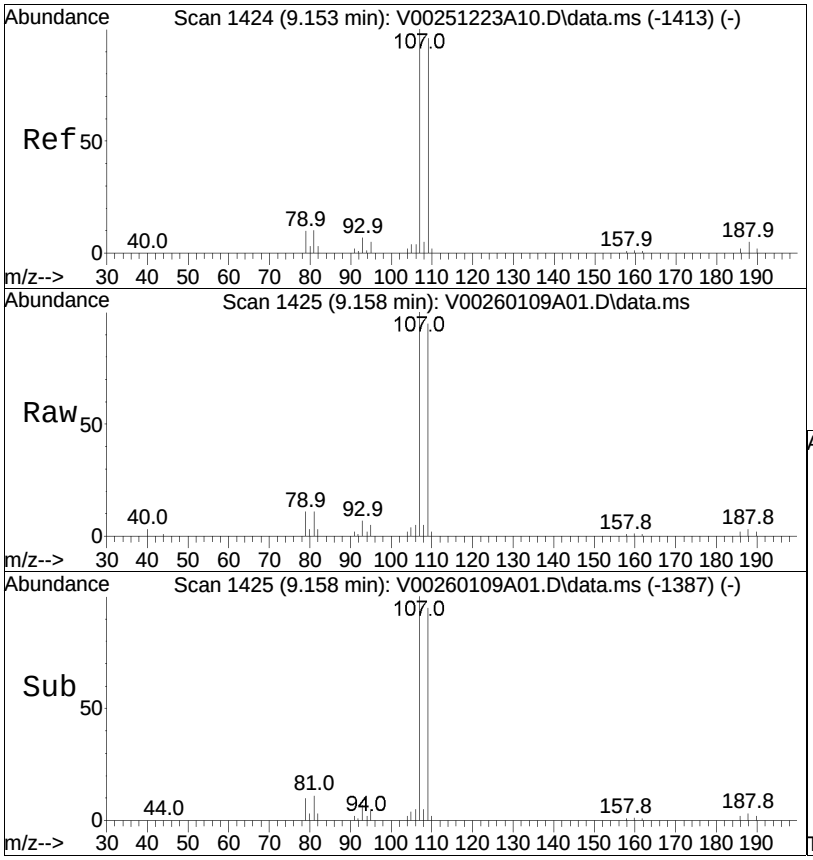


#70
Chlorodibromomethane
Concen: 41.68 ug/L
RT: 8.880 min Scan# 1372
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:129 Resp: 100809

Ion	Ratio	Lower	Upper
129	100		
81	20.1	0.1	40.1
127	78.4	58.4	98.4

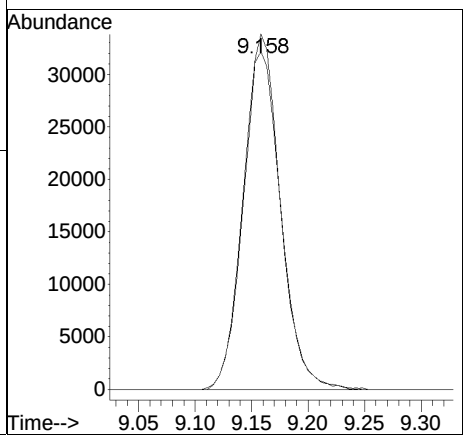


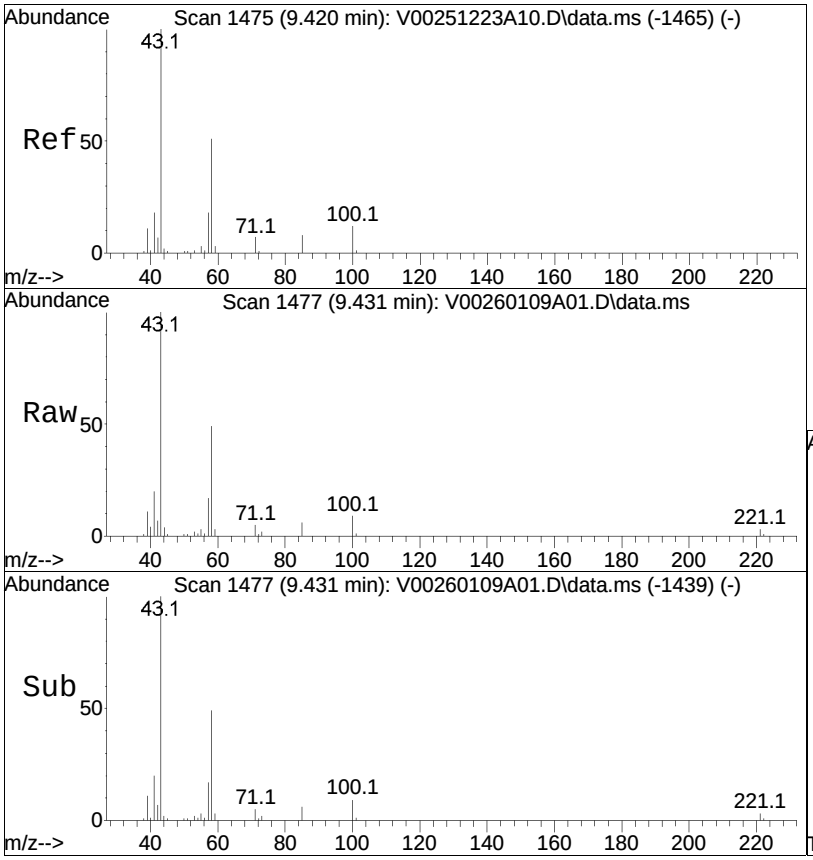


#72
1,2-Dibromoethane
Concen: 41.88 ug/L
RT: 9.158 min Scan# 1425
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:107 Resp: 77331

Ion	Ratio	Lower	Upper
107	100		
109	96.5	75.4	113.0

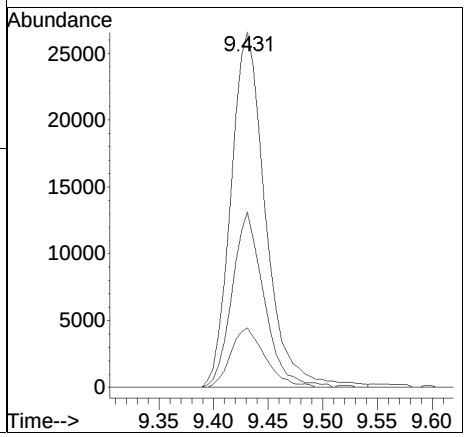


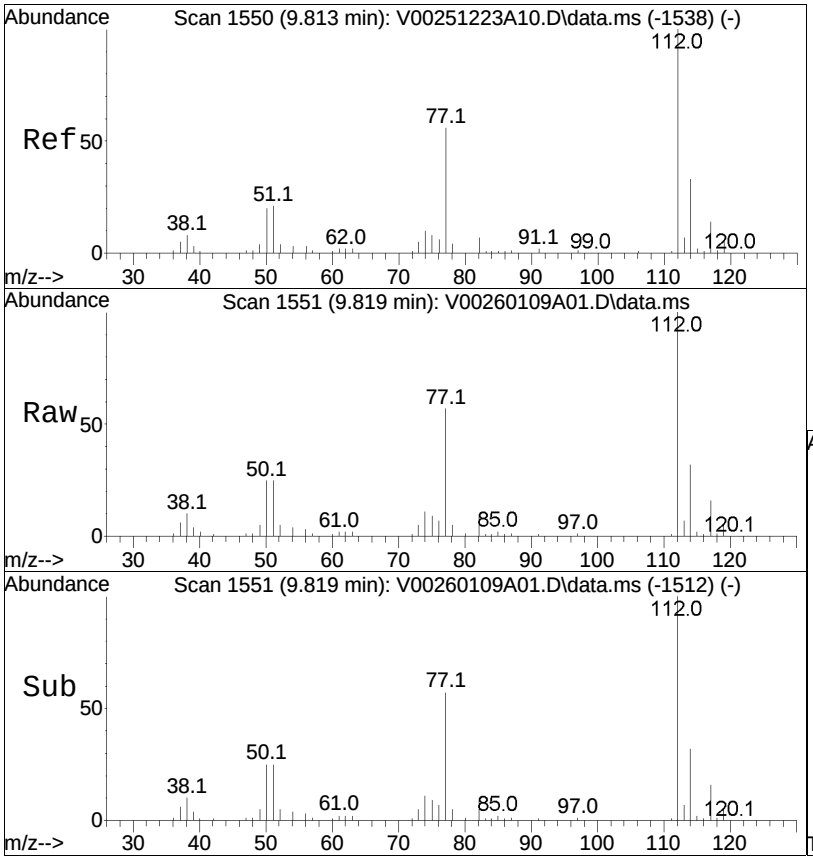


#73
2-Hexanone
Concen: 44.02 ug/L
RT: 9.431 min Scan# 1477
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 43 Resp: 58730

Ion	Ratio	Lower	Upper
43	100		
58	45.6	54.2	81.4#
57	16.7	17.8	26.6#

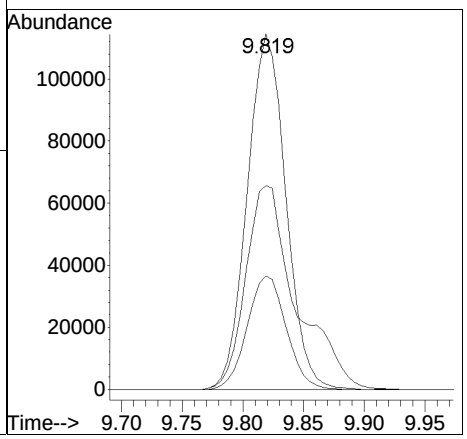


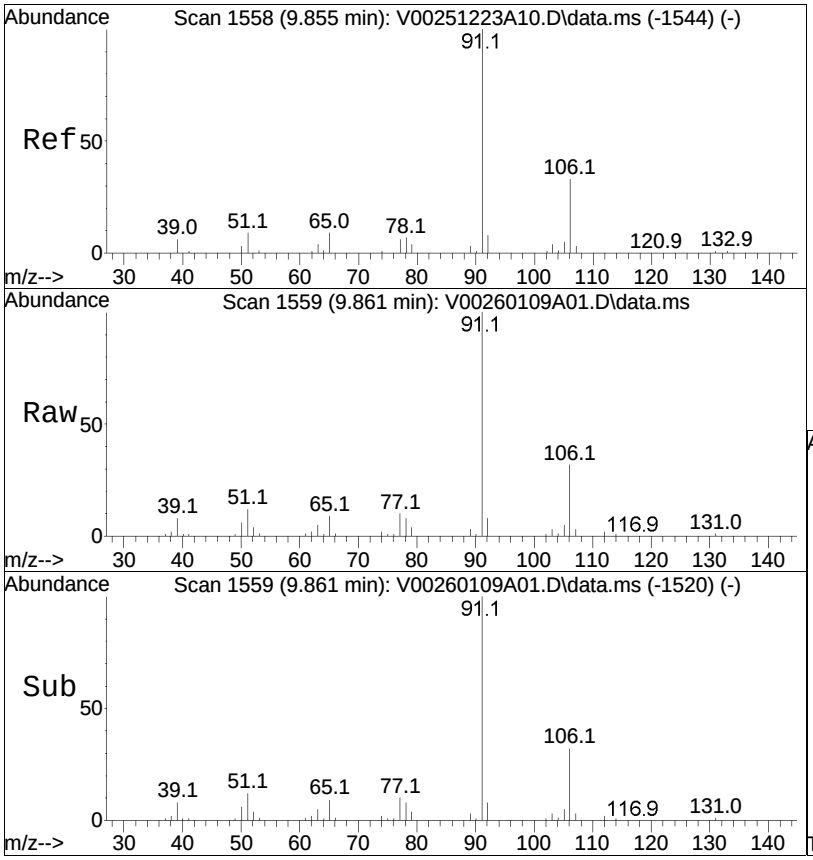


#74
Chlorobenzene
Concen: 42.57 ug/L
RT: 9.819 min Scan# 1551
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:112 Resp: 252939

Ion	Ratio	Lower	Upper
112	100		
77	74.7	57.9	86.9
114	32.2	25.7	38.5

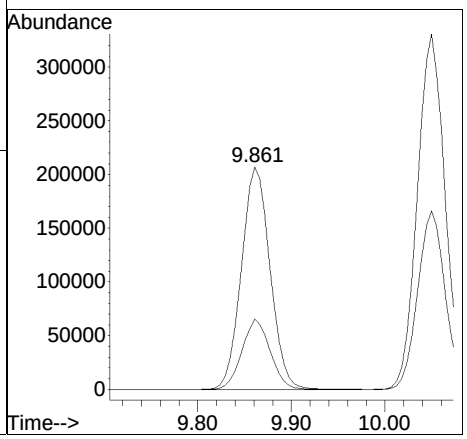


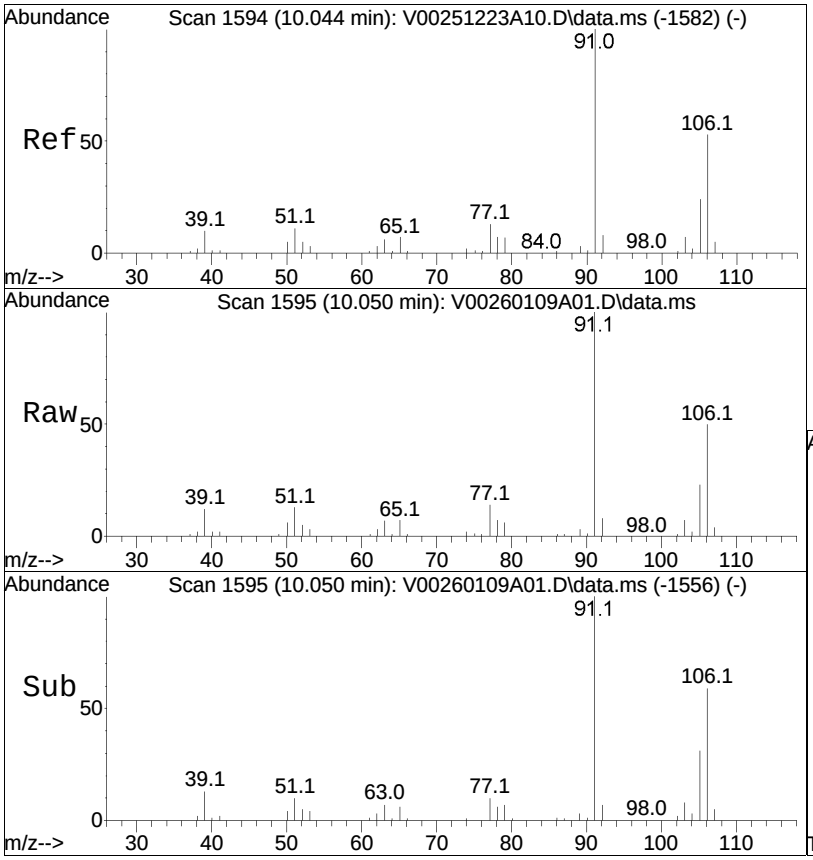


#75
Ethylbenzene
Concen: 44.62 ug/L
RT: 9.861 min Scan# 1559
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 91 Resp: 439626

Ion	Ratio	Lower	Upper
91	100		
106	31.0	25.1	37.7

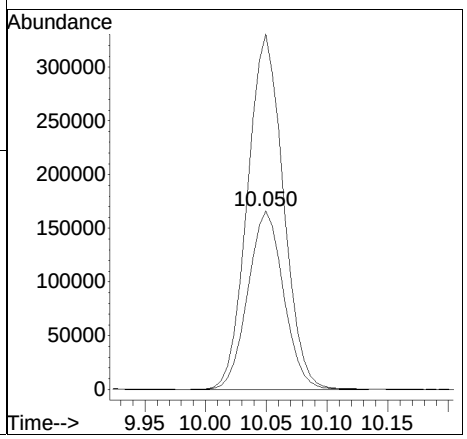


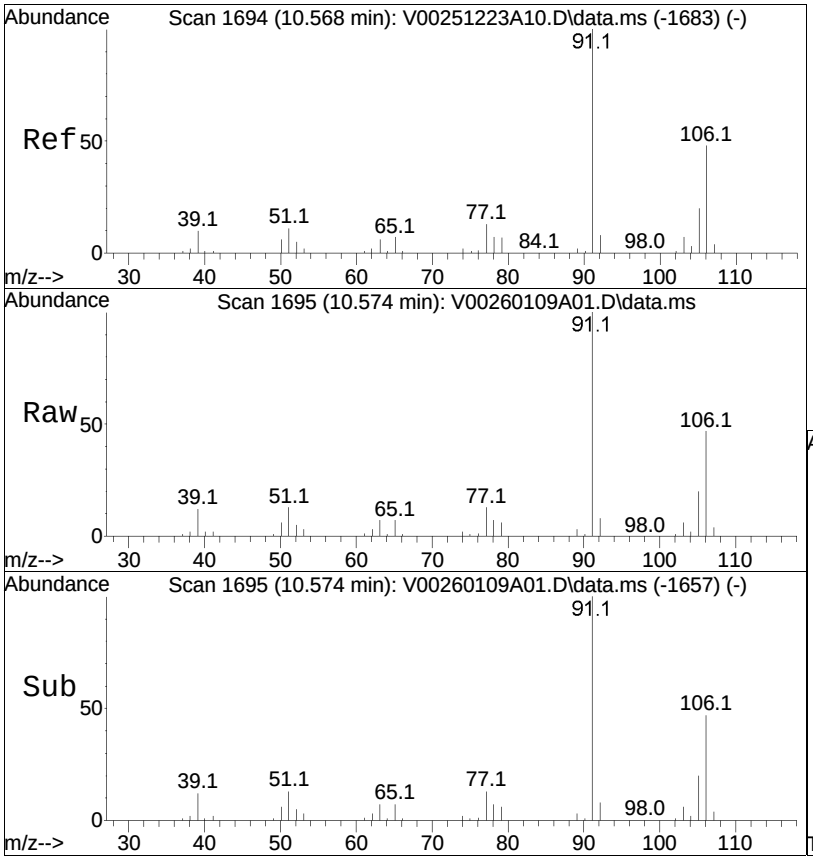


#77
p/m Xylene
Concen: 88.18 ug/L
RT: 10.050 min Scan# 1595
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:106 Resp: 339772

Ion	Ratio	Lower	Upper
106	100		
91	200.3	159.5	239.3

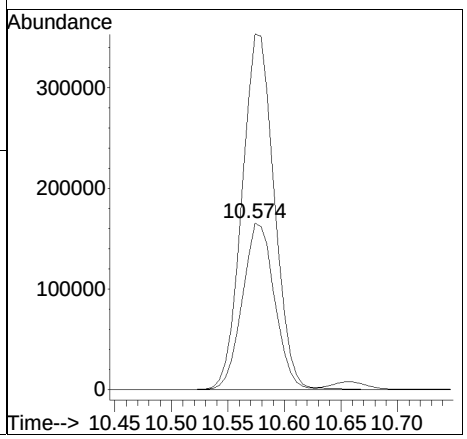


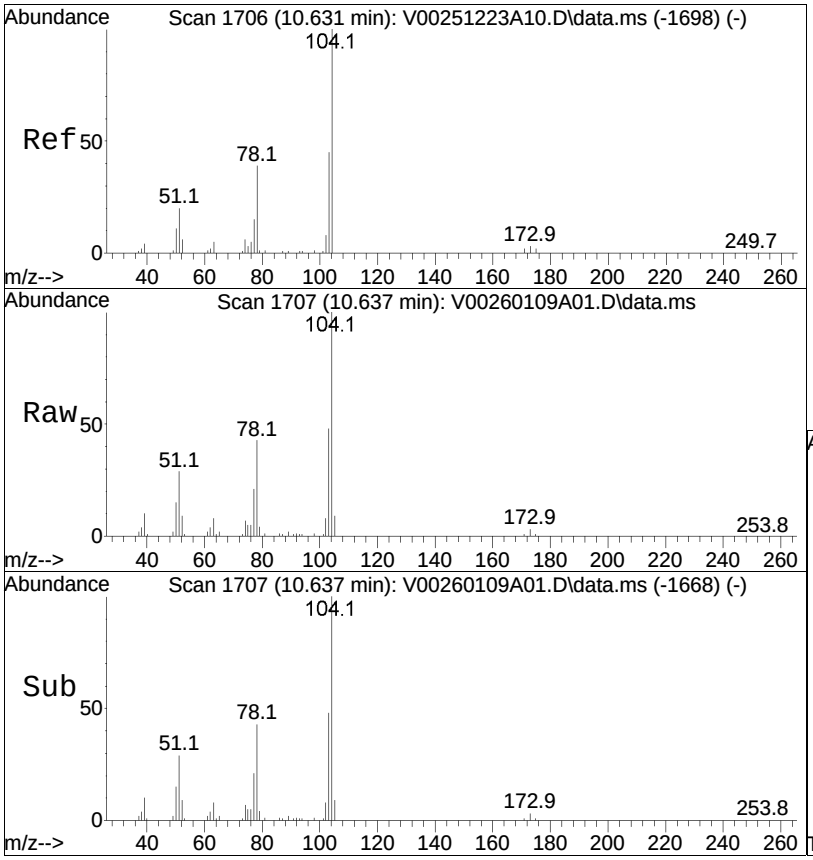


#78
o Xylene
Concen: 86.21 ug/L
RT: 10.574 min Scan# 1695
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:106 Resp: 328317

Ion	Ratio	Lower	Upper
106	100		
91	212.4	168.6	252.8

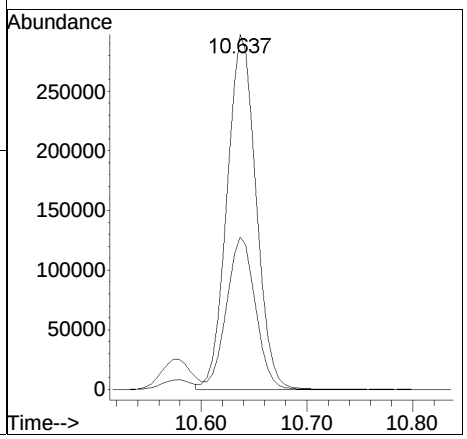


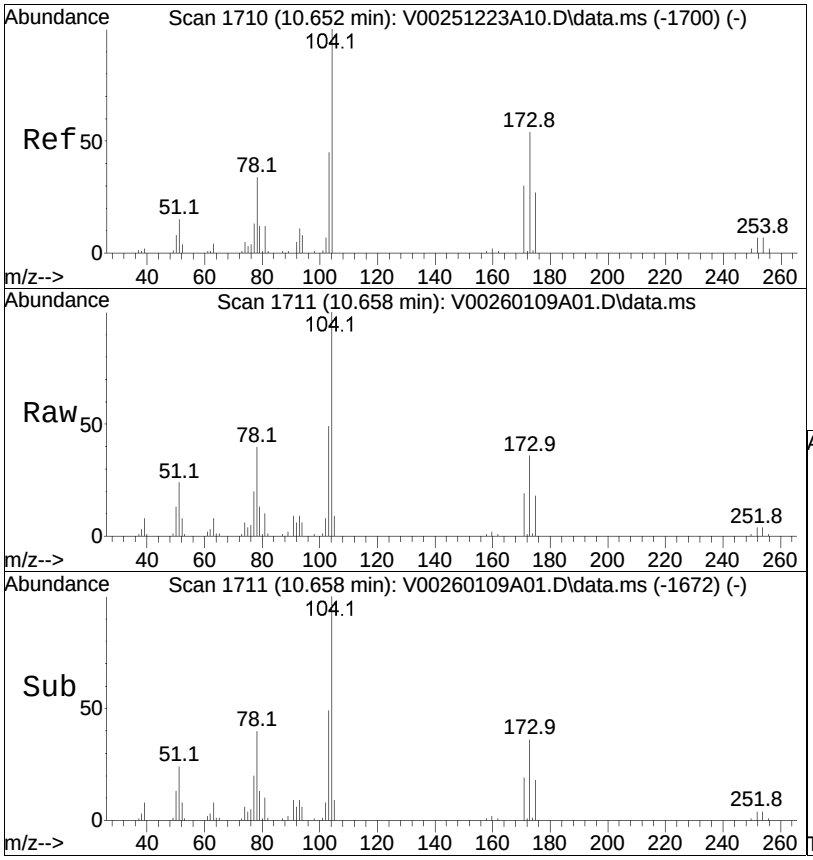


#79
Styrene
Concen: 88.41 ug/L
RT: 10.637 min Scan# 1707
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:104 Resp: 566564

Ion	Ratio	Lower	Upper
104	100		
78	42.9	33.8	50.6

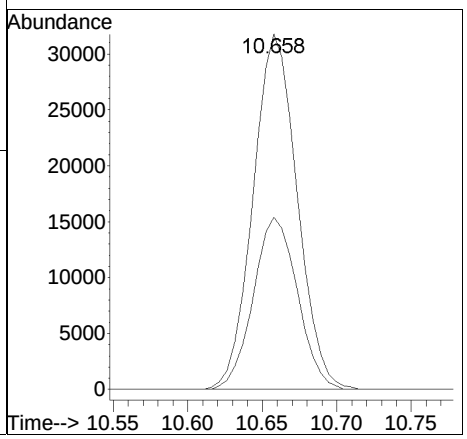


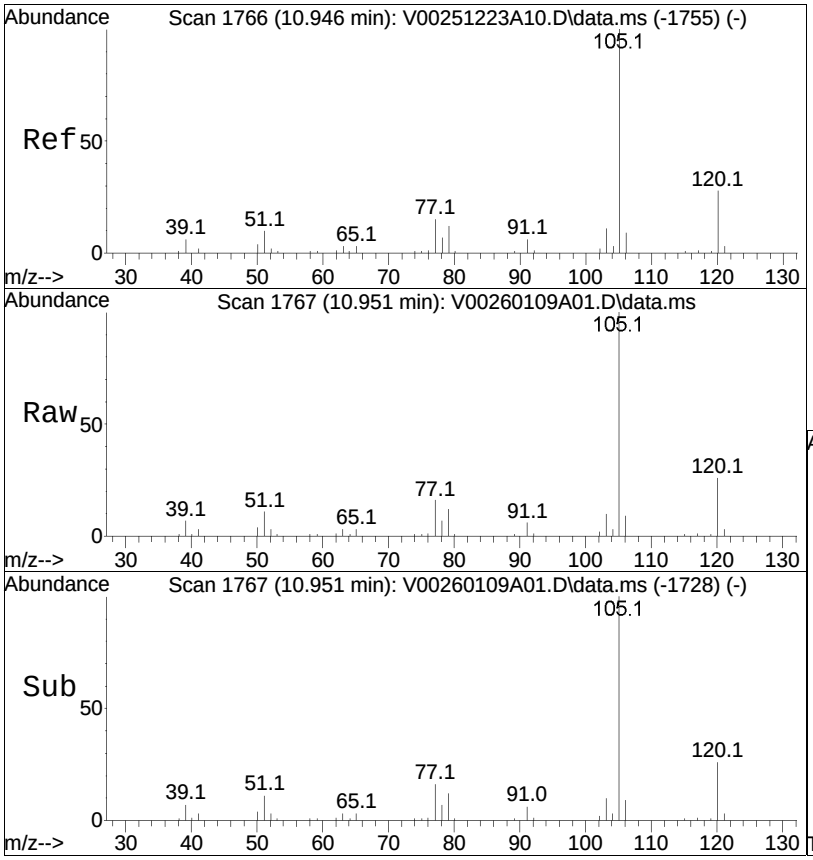


#81
Bromoform
Concen: 38.24 ug/L
RT: 10.658 min Scan# 1711
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:173 Resp: 65402

Ion	Ratio	Lower	Upper
173	100		
175	48.4	27.8	67.8

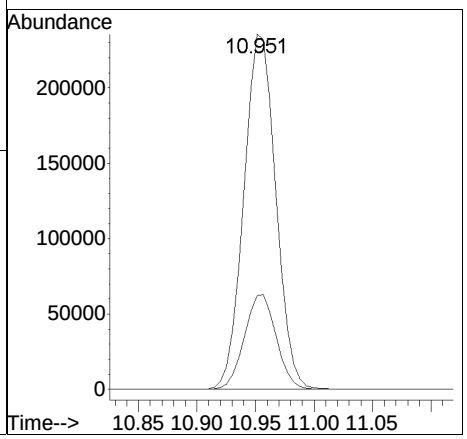


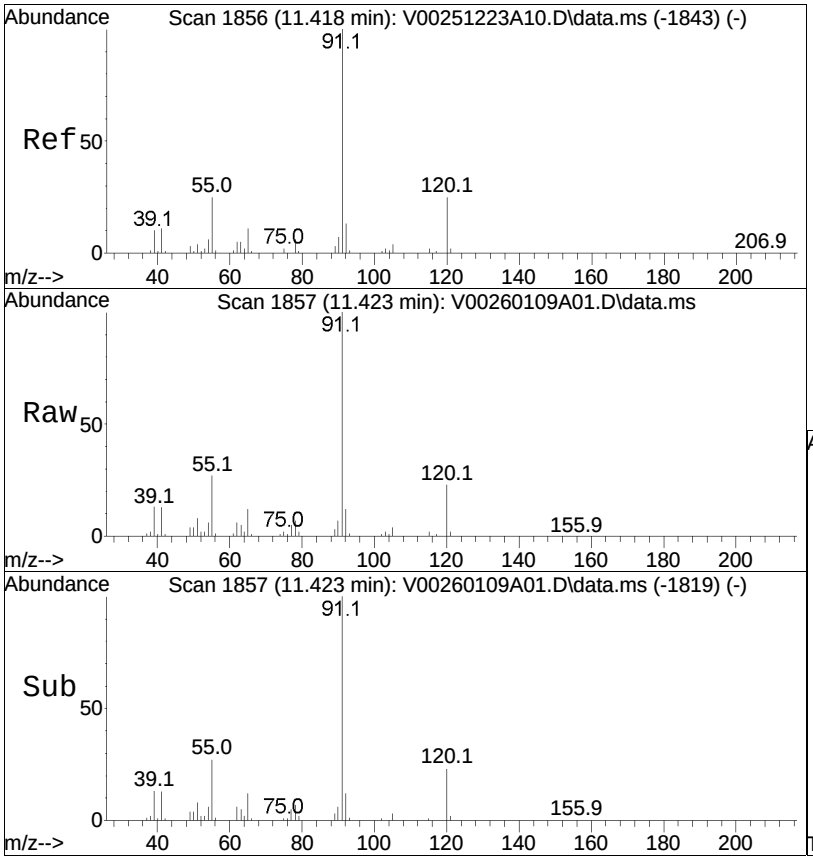


#83
Isopropylbenzene
Concen: 45.13 ug/L
RT: 10.951 min Scan# 1767
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:105 Resp: 447711

Ion	Ratio	Lower	Upper
105	100		
120	26.5	6.4	46.4

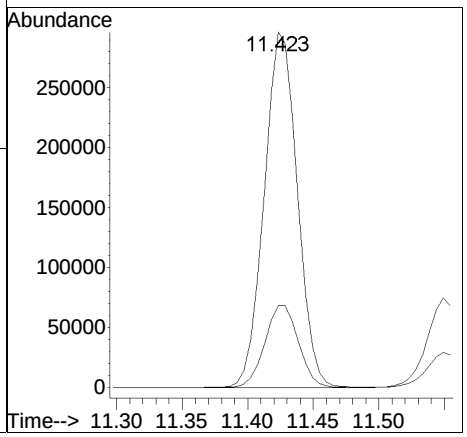


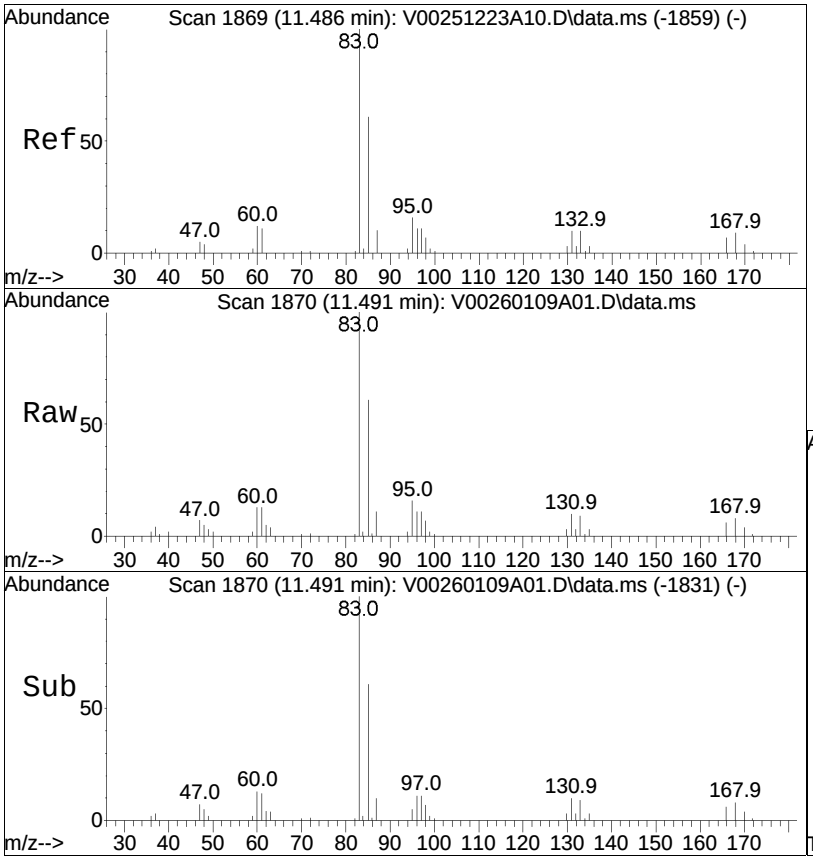


#86
n-Propylbenzene
Concen: 46.01 ug/L
RT: 11.423 min Scan# 1857
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 91 Resp: 519798

Ion	Ratio	Lower	Upper
91	100		
120	23.4	18.2	27.2

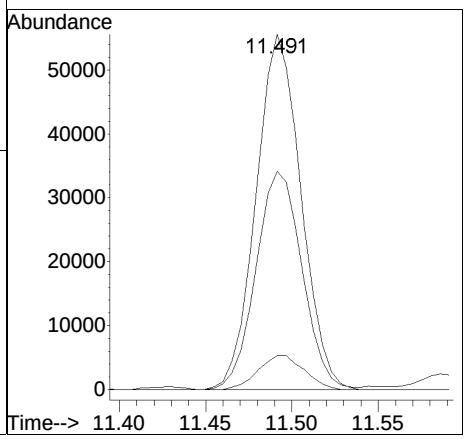


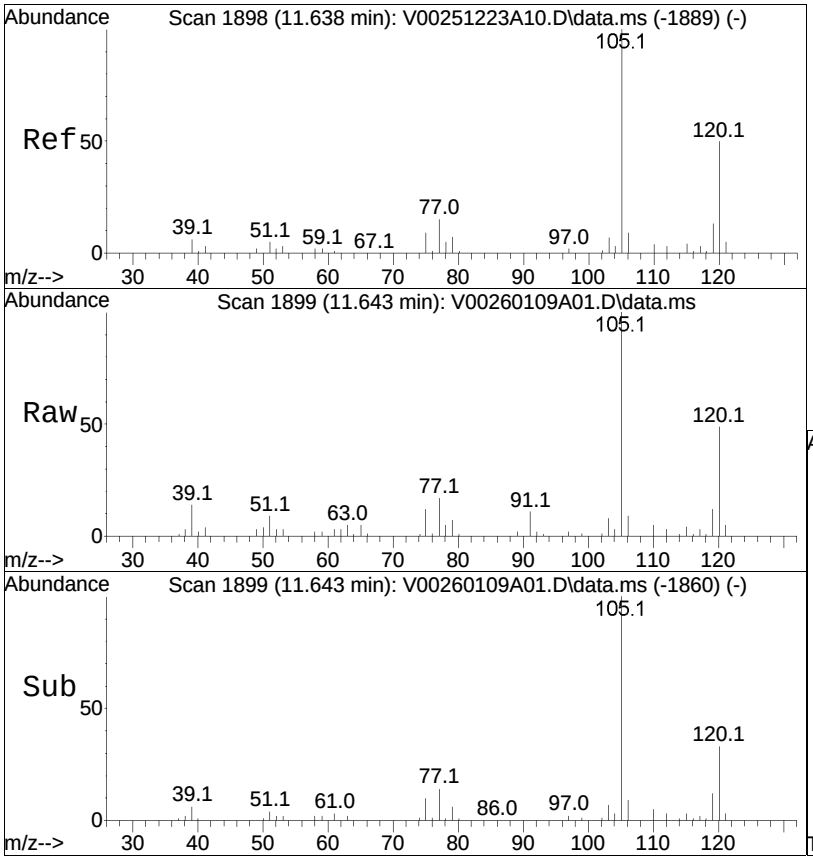


#88
1,1,2,2-Tetrachloroethane
Concen: 42.93 ug/L
RT: 11.491 min Scan# 1870
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 83 Resp: 100434

Ion	Ratio	Lower	Upper
83	100		
131	9.7	0.0	30.1
85	63.1	45.9	85.9

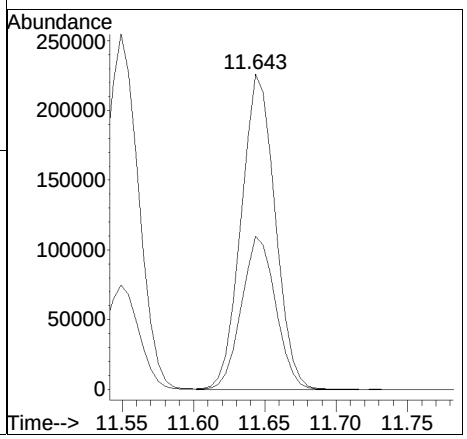


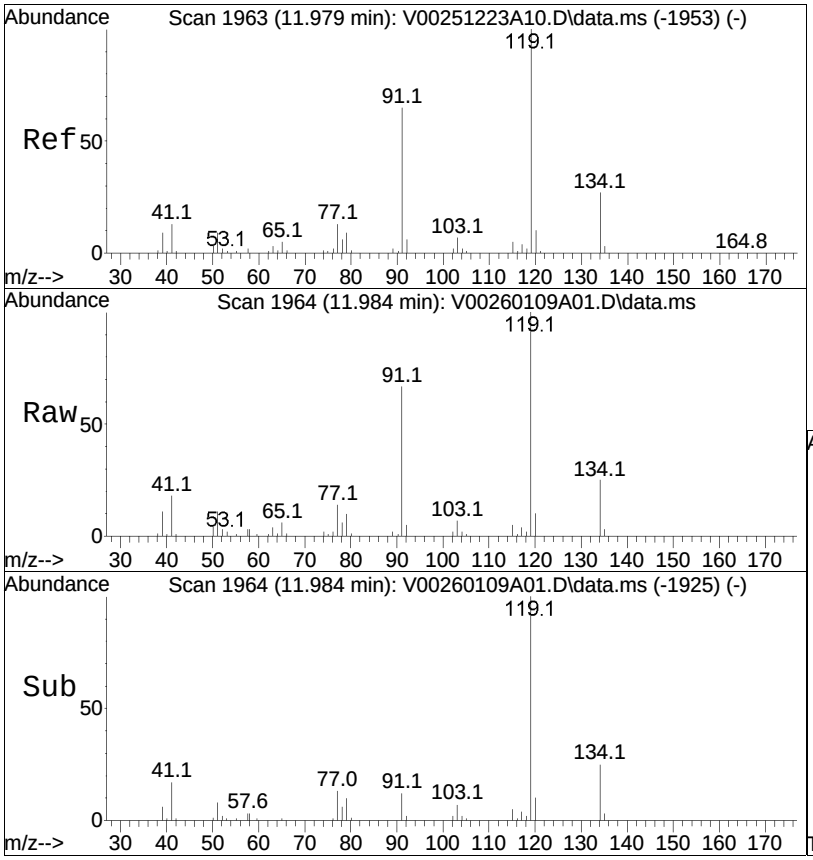


#91
1,3,5-Trimethylbenzene
Concen: 44.58 ug/L
RT: 11.643 min Scan# 1899
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:105 Resp: 374470

Ion	Ratio	Lower	Upper
105	100		
120	48.8	39.1	58.7

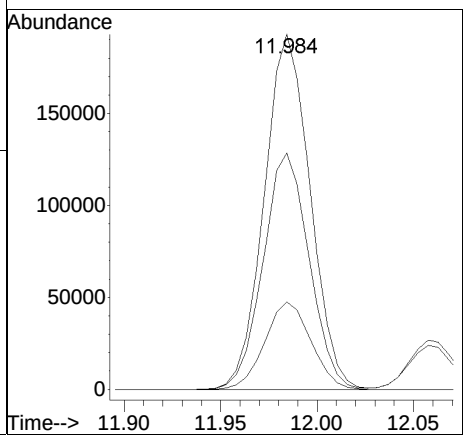


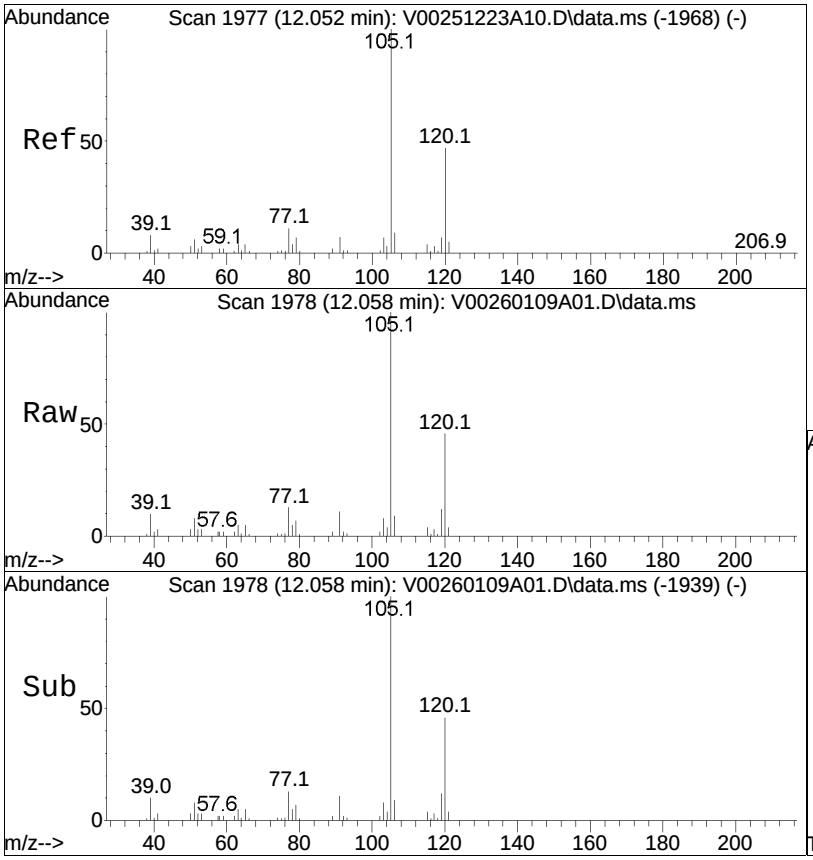


#95
tert-Butylbenzene
Concen: 43.77 ug/L
RT: 11.984 min Scan# 1964
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:119 Resp: 319370

Ion	Ratio	Lower	Upper
119	100		
91	66.8	54.8	82.2
134	24.8	20.6	30.8

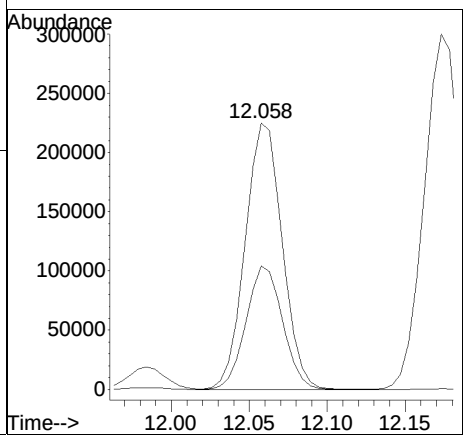


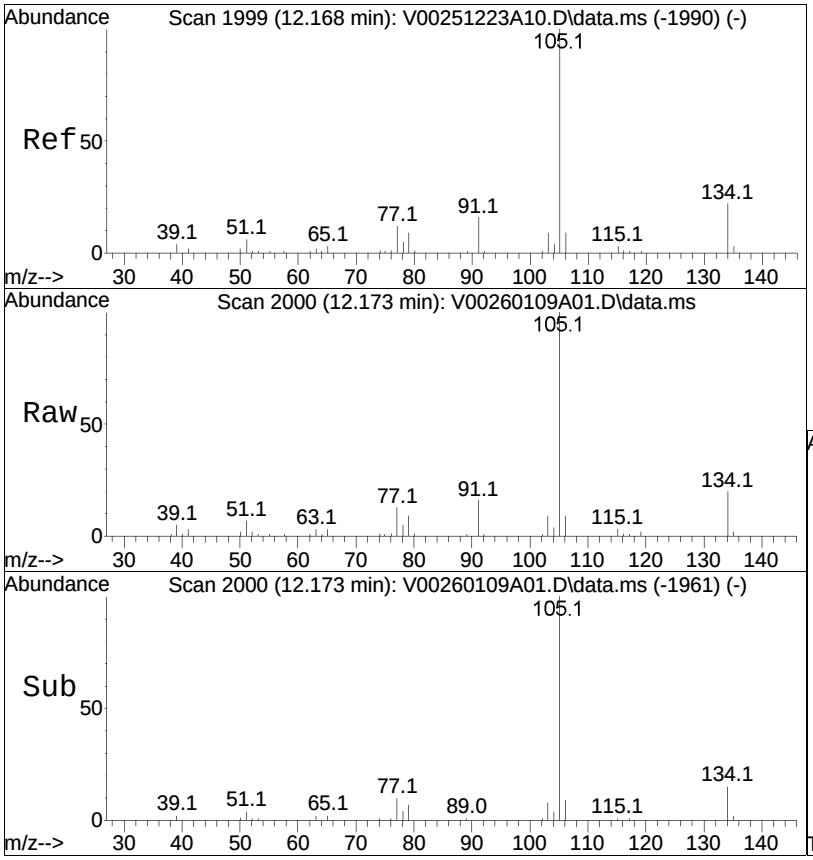


#98
1,2,4-Trimethylbenzene
Concen: 44.64 ug/L
RT: 12.058 min Scan# 1978
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:105 Resp: 371000

Ion	Ratio	Lower	Upper
105	100		
120	45.7	37.1	55.7

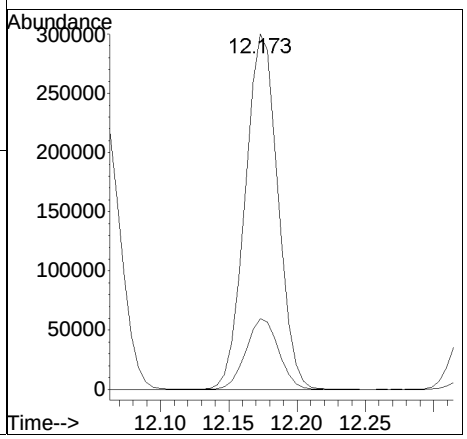


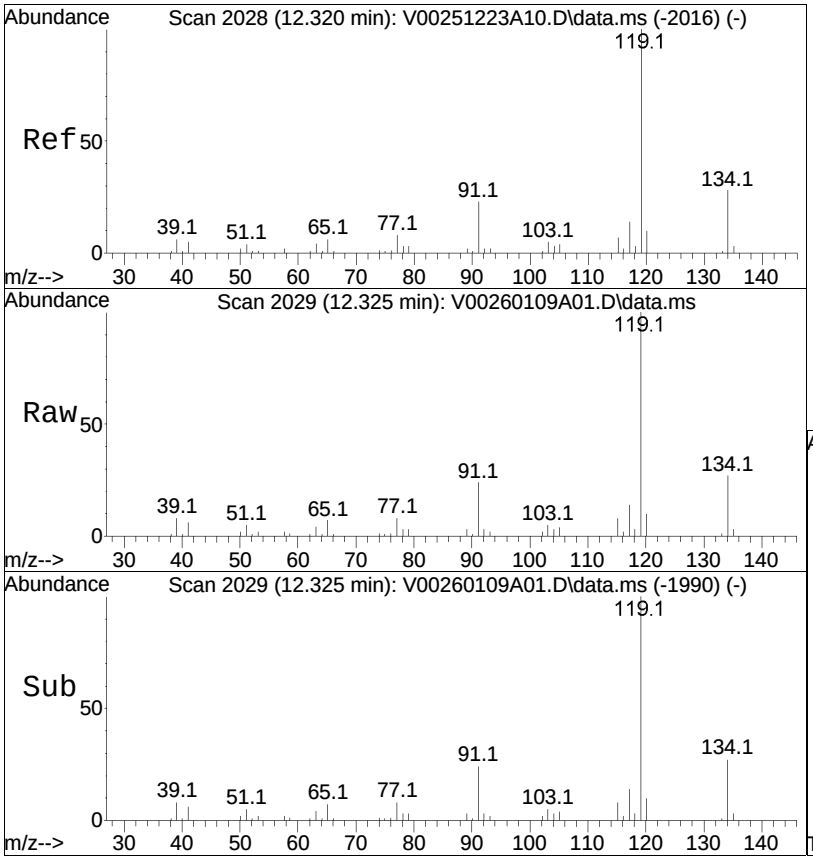


#99
sec-Butylbenzene
Concen: 46.03 ug/L
RT: 12.173 min Scan# 2000
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:105 Resp: 498964

Ion	Ratio	Lower	Upper
105	100		
134	19.9	13.5	27.9

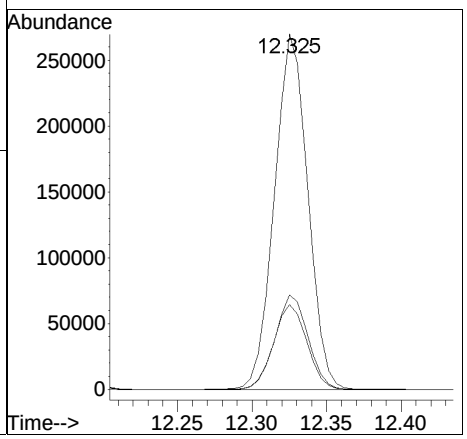


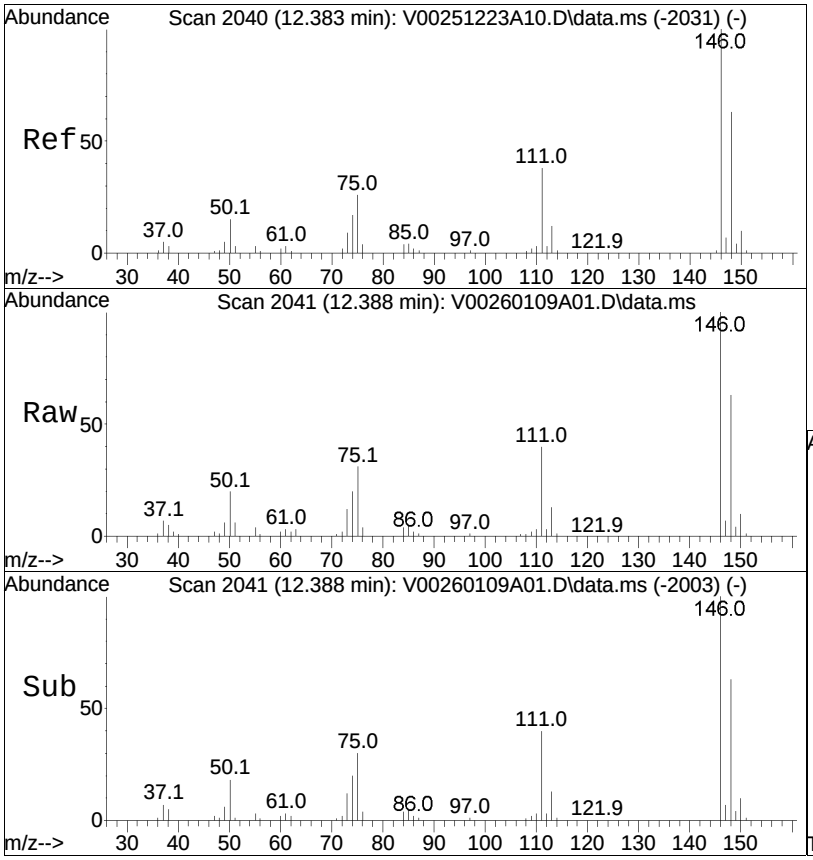


#100
p-Isopropyltoluene
Concen: 44.79 ug/L
RT: 12.325 min Scan# 2029
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:119 Resp: 419213

Ion	Ratio	Lower	Upper
119	100		
134	26.3	17.4	36.0
91	23.9	15.8	32.8

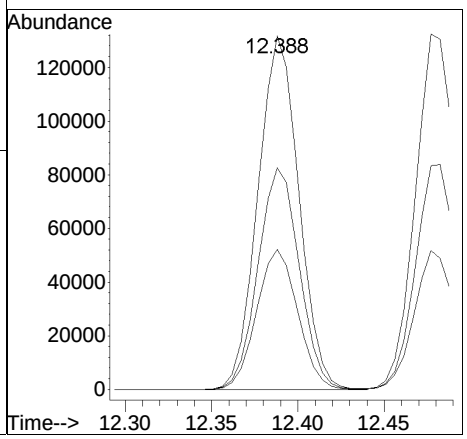


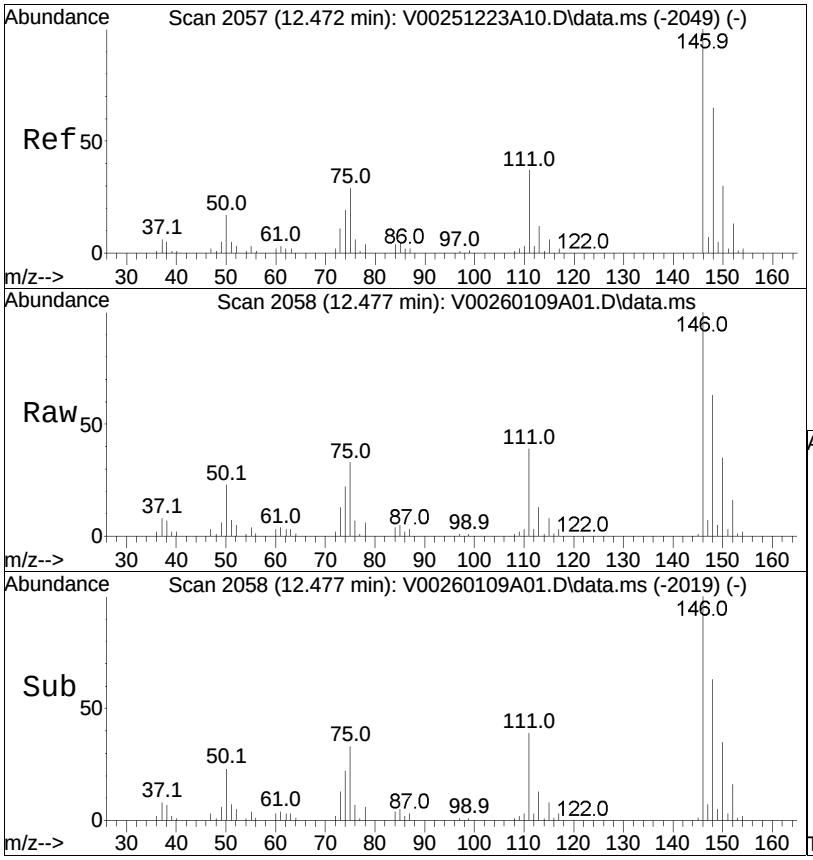


#101
1,3-Dichlorobenzene
Concen: 42.04 ug/L
RT: 12.388 min Scan# 2041
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:146 Resp: 217023

Ion	Ratio	Lower	Upper
146	100		
111	39.8	26.1	54.1
148	63.2	40.8	84.8

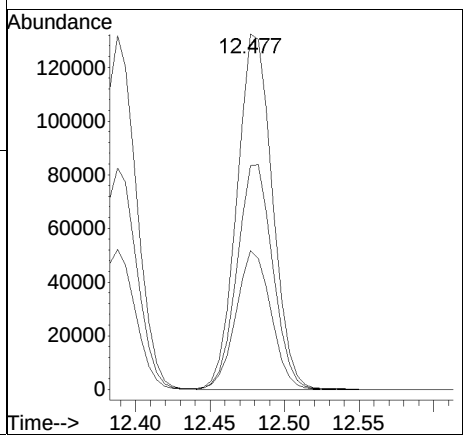


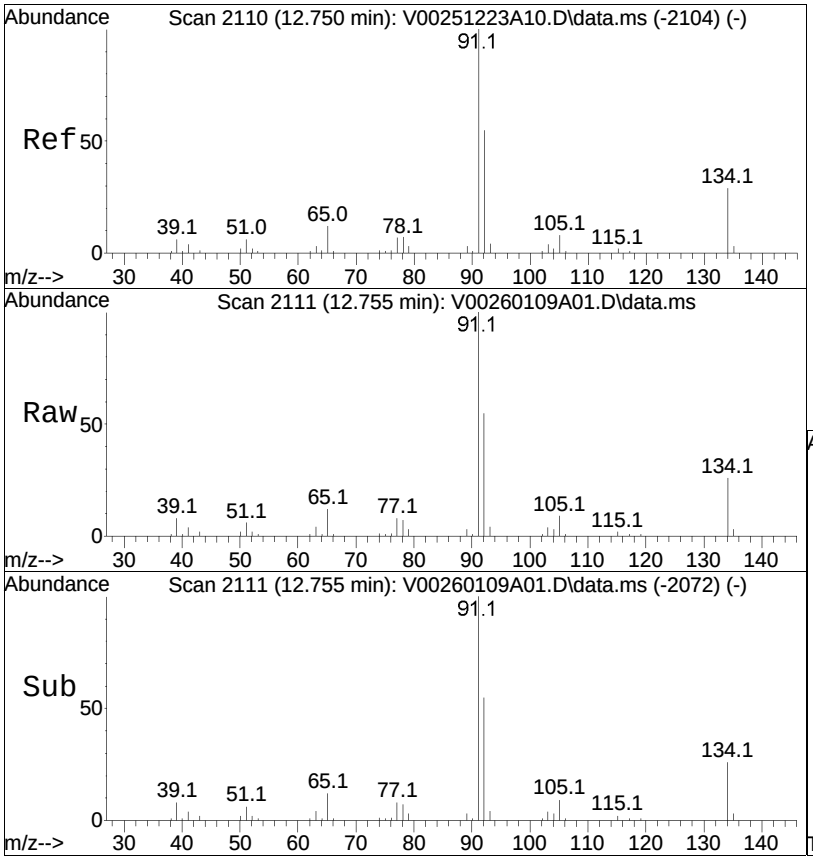


#102
1,4-Dichlorobenzene
Concen: 41.88 ug/L
RT: 12.477 min Scan# 2058
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:146 Resp: 219290

Ion	Ratio	Lower	Upper
146	100		
111	38.6	32.1	48.1
148	63.7	50.6	75.8

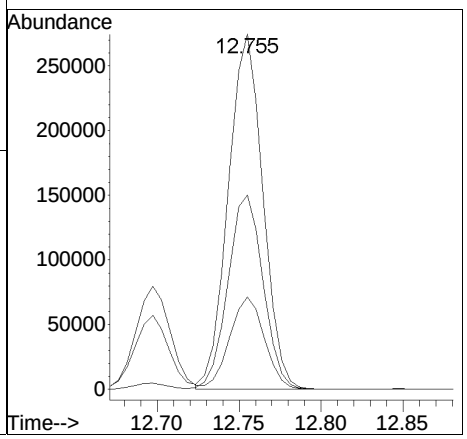


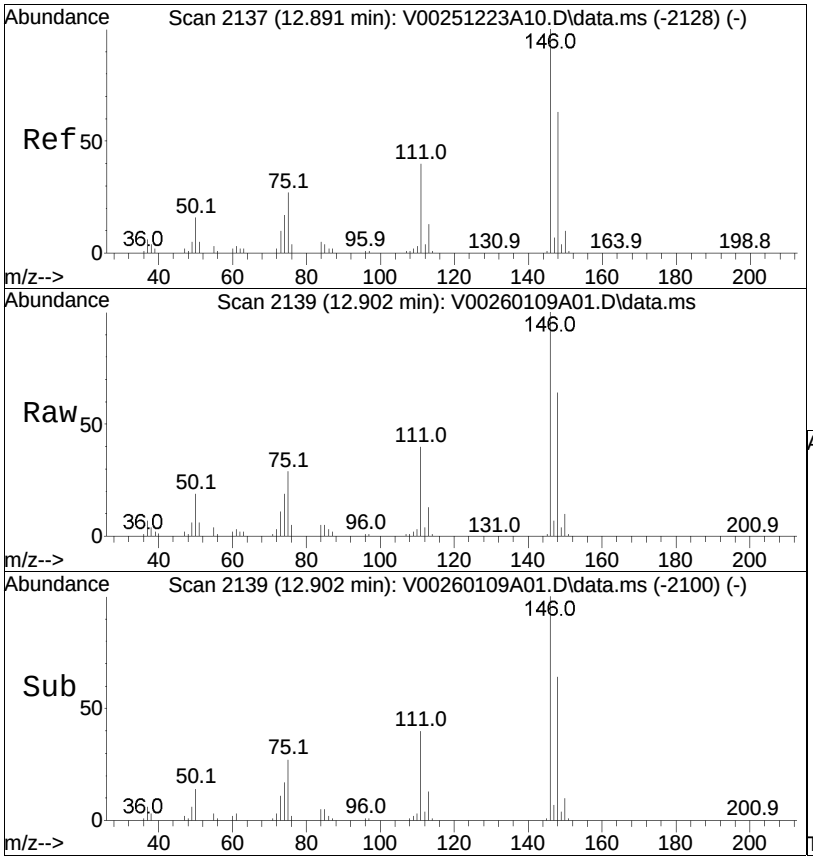


#104
n-Butylbenzene
Concen: 48.42 ug/L
RT: 12.755 min Scan# 2111
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 91 Resp: 403306

Ion	Ratio	Lower	Upper
91	100		
92	55.6	43.7	65.5
134	26.0	21.5	32.3

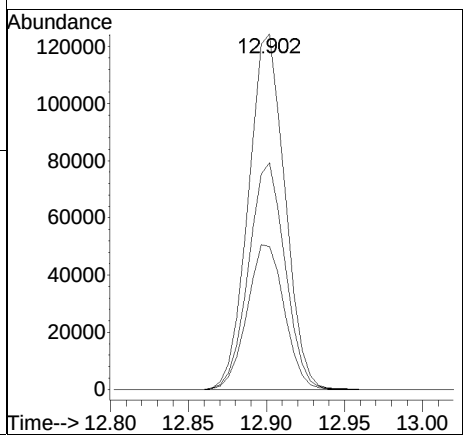


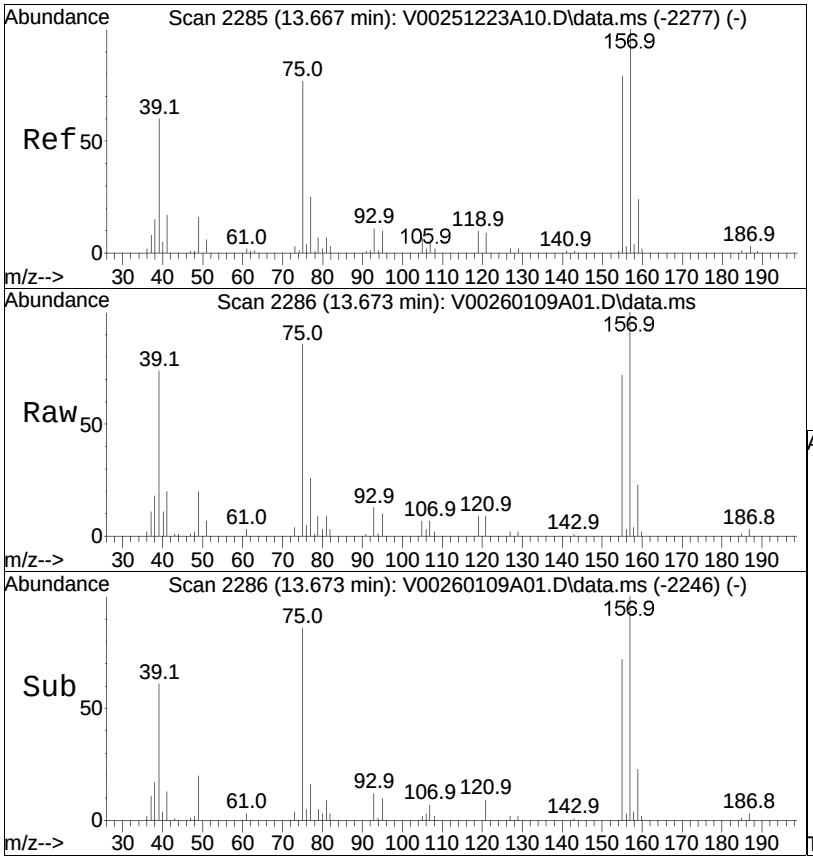


#105
1,2-Dichlorobenzene
Concen: 41.58 ug/L
RT: 12.902 min Scan# 2139
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:146 Resp: 202255

Ion	Ratio	Lower	Upper
146	100		
111	41.5	26.9	55.9
148	63.6	40.3	83.7

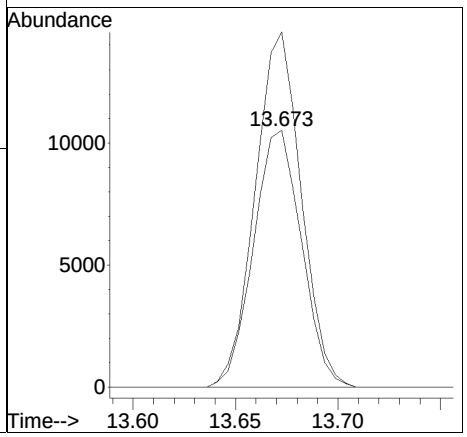


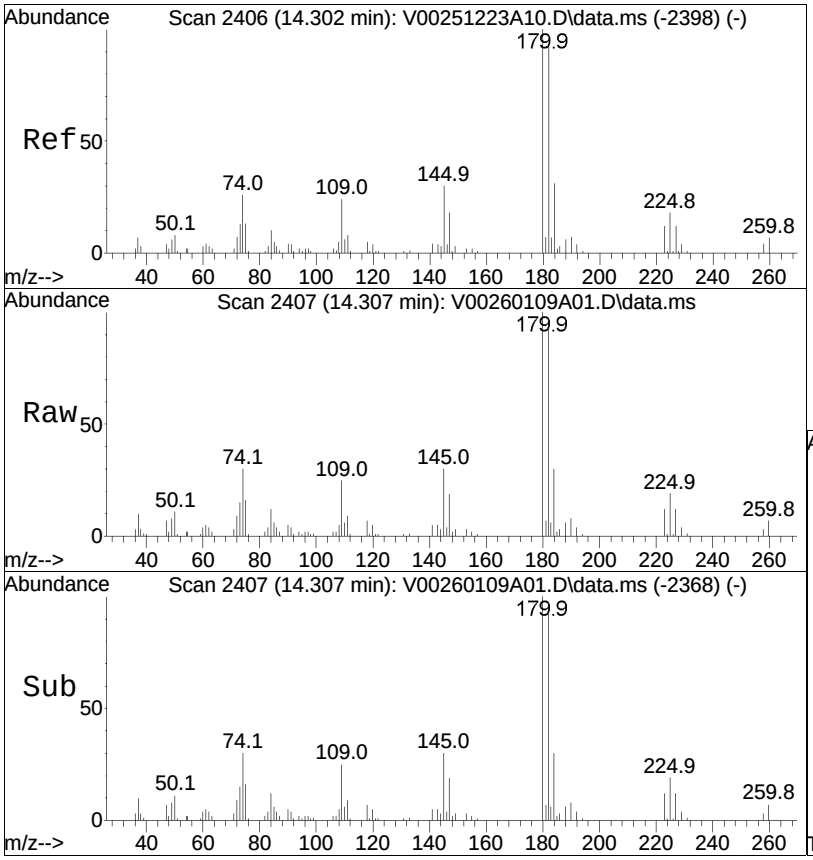


#107
1,2-Dibromo-3-chloropropane
Concen: 35.98 ug/L
RT: 13.673 min Scan# 2286
Delta R.T. 0.011 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:155 Resp: 17177

Ion	Ratio	Lower	Upper
155	100		
157	132.5	97.0	145.4

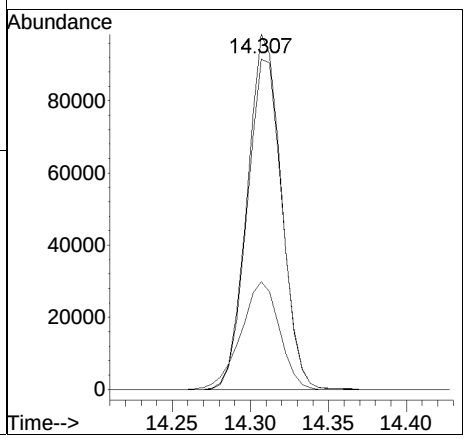


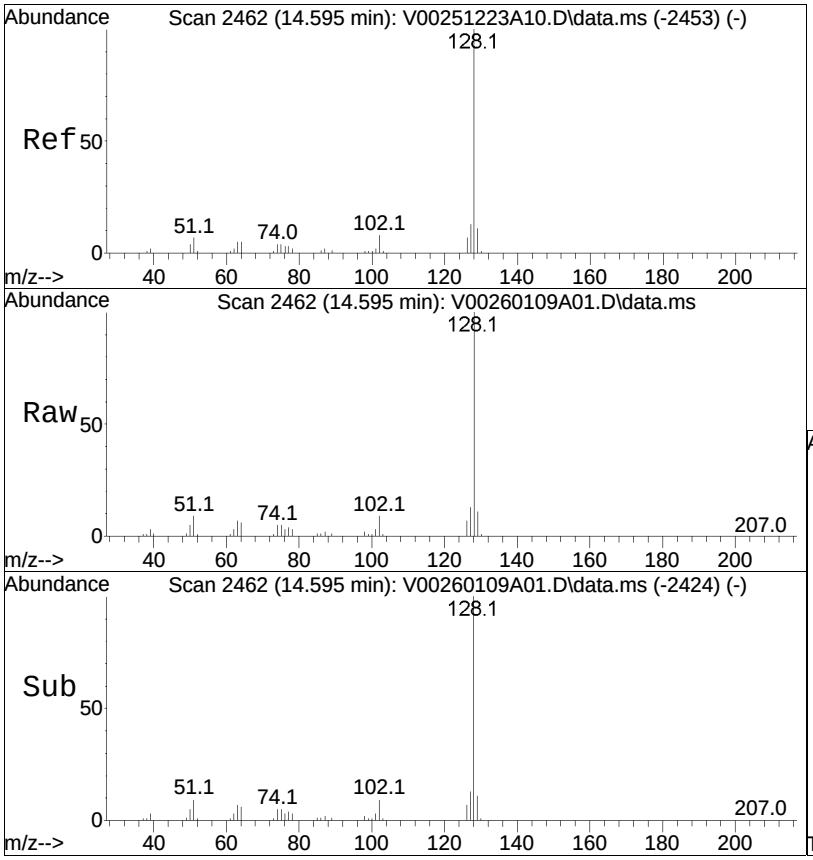


#110
1,2,4-Trichlorobenzene
Concen: 40.99 ug/L
RT: 14.307 min Scan# 2407
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:180 Resp: 149810

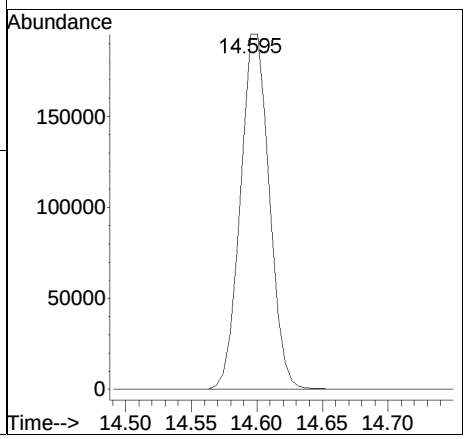
Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.6
145	34.1	29.2	43.8





#111
Naphthalene
Concen: 40.53 ug/L
RT: 14.595 min Scan# 2462
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:128 Resp: 300206



Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A01.D
Acq On : 09 Jan 2026 08:30 am
Operator : VOA100:AJK
Sample : WG2164111-3,31h,15,15,0.1
Misc : WG2164111,ICAL22914
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 09 09:19:26 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.233	96	151439	20.000	ug/L	0.00
Standard Area 1 = 151439			Recovery = 100.00%			
60) Chlorobenzene-d5	9.798	117	117500	20.000	ug/L	0.00
Standard Area 1 = 117500			Recovery = 100.00%			
80) 1,4-Dichlorobenzene-d4	12.461	152	67544	20.000	ug/L	0.00
Standard Area 1 = 67544			Recovery = 100.00%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	41117	19.545	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 97.73%			
44) 1,2-Dichloroethane-d4	5.939	65	42957	20.546	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.73%			
61) Toluene-d8	7.942	98	154670	20.484	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 102.42%			
84) 4-Bromofluorobenzene	11.266	95	56935	21.151	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.76%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.781	85	98710	43.655	ug/L #	81
3) Chloromethane	2.007	50	127879	54.393	ug/L	96
4) Vinyl chloride	2.054	62	118394	50.779	ug/L	85
5) Bromomethane	2.374	94	61602	50.609	ug/L	100
6) Chloroethane	2.505	64	71019	48.671	ug/L	87
7) Trichlorofluoromethane	2.646	101	144888	45.137	ug/L	99
10) 1,1-Dichloroethene	3.150	96	82906	43.868	ug/L	97
11) Carbon disulfide	3.186	76	322945	42.119	ug/L	99
12) Freon-113	3.186	101	84745	45.006	ug/L	99
15) Methylene chloride	3.705	84	97342	41.594	ug/L #	73
17) Acetone	3.726	43	33595	31.902	ug/L #	87
18) trans-1,2-Dichloroethene	3.863	96	92726	42.755	ug/L	97
19) Methyl acetate	3.858	43	61777	43.922	ug/L #	78
20) Methyl tert-butyl ether	3.957	73	265130	43.769	ug/L #	90
23) 1,1-Dichloroethane	4.445	63	179933	46.304	ug/L	100
28) cis-1,2-Dichloroethene	4.969	96	101685	42.307	ug/L	99
32) Cyclohexane	5.189	56	172328	49.687	ug/L	89
33) Chloroform	5.231	83	181295	43.738	ug/L	96
35) Carbon tetrachloride	5.389	117	138382	42.547	ug/L	99
38) 1,1,1-Trichloroethane	5.446	97	153787	45.952	ug/L	100

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A01.D
Acq On : 09 Jan 2026 08:30 am
Operator : VOA100:AJK
Sample : WG2164111-3,31h,15,15,0.1
Misc : WG2164111,ICAL22914
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 09 09:19:26 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) 2-Butanone	5.514	43	43114	47.597	ug/L	#	88
42) Benzene	5.813	78	364727	45.527	ug/L		95
45) 1,2-Dichloroethane	6.007	62	130219	45.471	ug/L		99
48) Methyl cyclohexane	6.427	83	167035	46.017	ug/L		87
49) Trichloroethene	6.416	95	99473	44.975	ug/L		98
52) 1,2-Dichloropropane	6.956	63	97717	45.501	ug/L		99
55) Bromodichloromethane	7.030	83	138930	44.334	ug/L		100
59) cis-1,3-Dichloropropene	7.722	75	163062	45.386	ug/L	#	78
62) Toluene	8.005	92	230740	44.373	ug/L		95
63) 4-Methyl-2-pentanone	8.414	58	28965	43.864	ug/L	#	40
64) Tetrachloroethene	8.461	166	101668	40.519	ug/L		98
66) trans-1,3-Dichloropropene	8.471	75	146266	46.071	ug/L		84
69) 1,1,2-Trichloroethane	8.660	83	66390	44.472	ug/L		98
70) Chlorodibromomethane	8.880	129	100809	41.682	ug/L		100
72) 1,2-Dibromoethane	9.158	107	77331	41.883	ug/L		98
73) 2-Hexanone	9.431	43	58730	44.015	ug/L	#	76
74) Chlorobenzene	9.819	112	252939	42.570	ug/L		98
75) Ethylbenzene	9.861	91	439626	44.624	ug/L		99
77) p/m Xylene	10.050	106	339772	88.182	ug/L		99
78) o Xylene	10.574	106	328317	86.211	ug/L		99
79) Styrene	10.637	104	566564	88.414	ug/L		99
81) Bromoform	10.658	173	65402	38.236	ug/L		99
83) Isopropylbenzene	10.951	105	447711	45.129	ug/L		100
86) n-Propylbenzene	11.423	91	519798	46.013	ug/L		99
88) 1,1,2,2-Tetrachloroethane	11.491	83	100434	42.932	ug/L		97
91) 1,3,5-Trimethylbenzene	11.643	105	374470	44.577	ug/L		100
95) tert-Butylbenzene	11.984	119	319370	43.771	ug/L		98
98) 1,2,4-Trimethylbenzene	12.058	105	371000	44.639	ug/L		99
99) sec-Butylbenzene	12.173	105	498964	46.032	ug/L		98
100) p-Isopropyltoluene	12.325	119	419213	44.793	ug/L		99
101) 1,3-Dichlorobenzene	12.388	146	217023	42.039	ug/L		99
102) 1,4-Dichlorobenzene	12.477	146	219290	41.878	ug/L		99
104) n-Butylbenzene	12.755	91	403306	48.425	ug/L		98
105) 1,2-Dichlorobenzene	12.902	146	202255	41.583	ug/L		99
107) 1,2-Dibromo-3-chloropr...	13.673	155	17177	35.980	ug/L		90
110) 1,2,4-Trichlorobenzene	14.307	180	149810	40.986	ug/L		99
111) Naphthalene	14.595	128	300206	40.527	ug/L		100

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

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A01.D
Acq On : 09 Jan 2026 08:30 am
Operator : VOA100:AJK
Sample : WG2164111-3,31h,15,15,0.1
Misc : WG2164111,ICAL22914
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 09 09:19:26 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

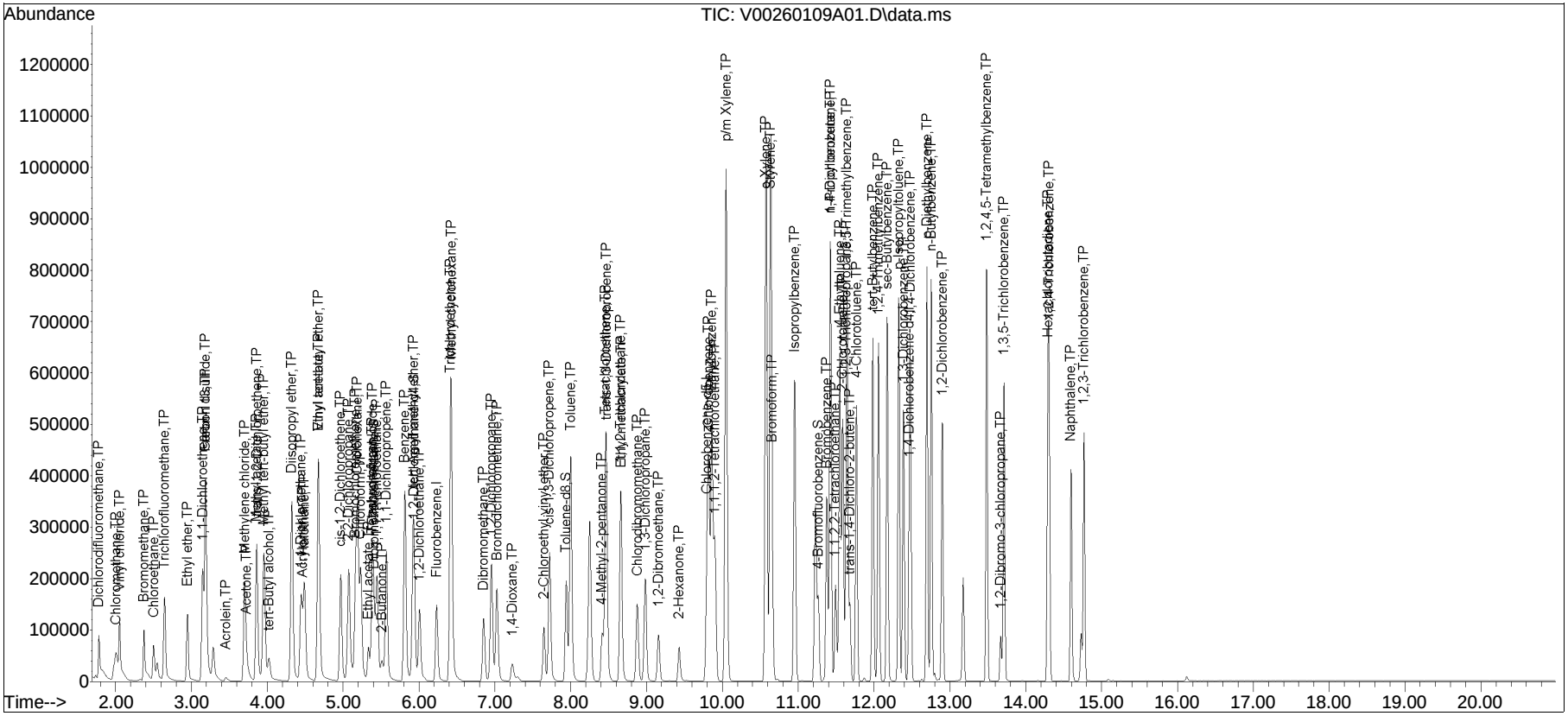
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

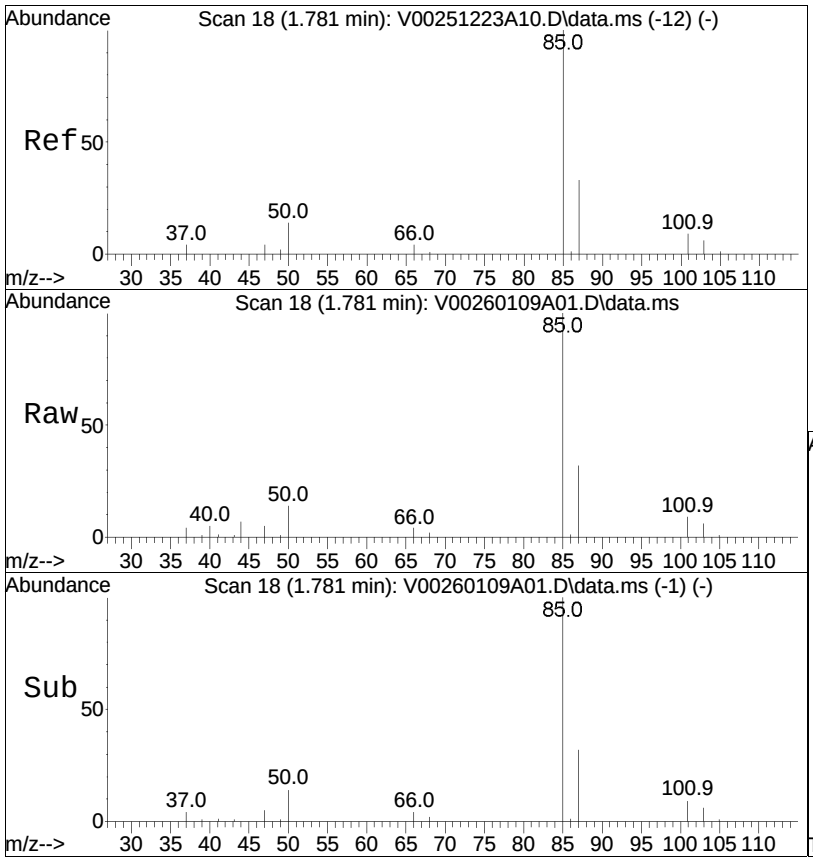
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A01.D
Acq On : 09 Jan 2026 08:30 am
Operator : VOA100:AJK
Sample : WG2164111-3,31h,15,15,0.1
Misc : WG2164111,ICAL22914
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 09 09:19:26 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox09A01.D•

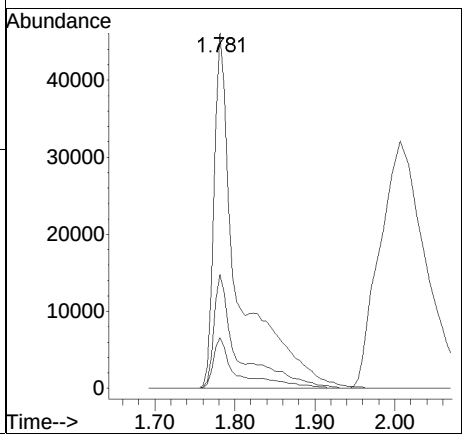


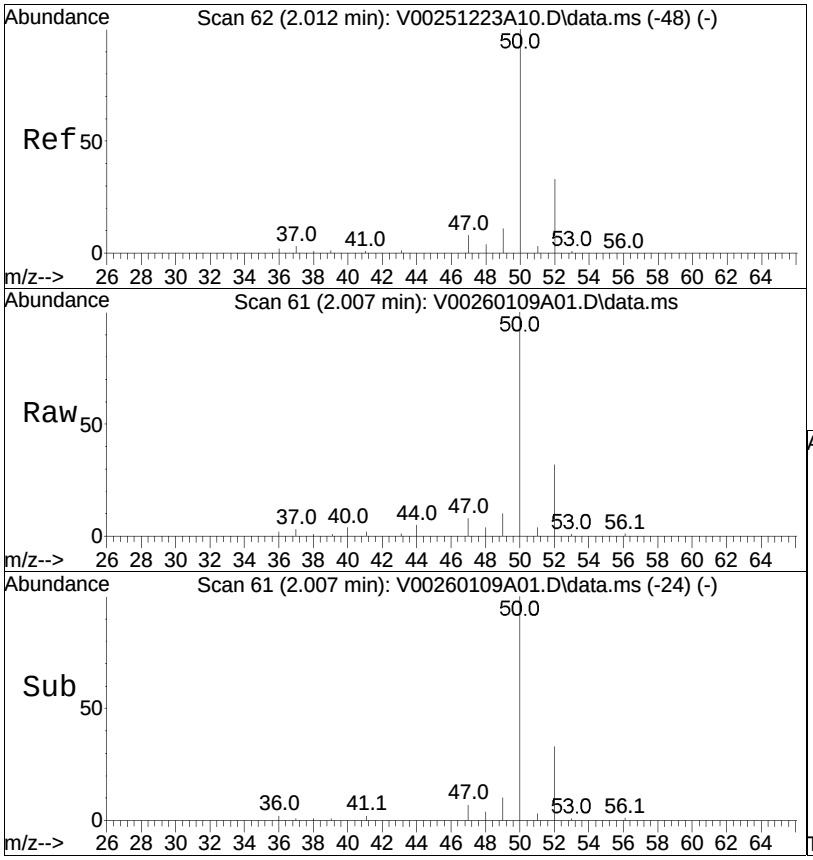


#2
Dichlorodifluoromethane
Concen: 43.66 ug/L
RT: 1.781 min Scan# 18
Delta R.T. -0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 85 Resp: 98710

Ion	Ratio	Lower	Upper
85	100		
87	32.4	14.6	30.2#
50	14.3	6.1	12.7#

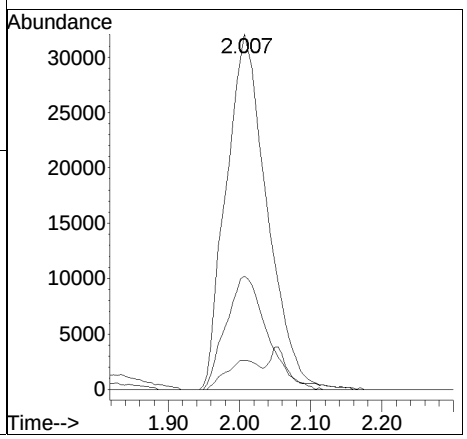


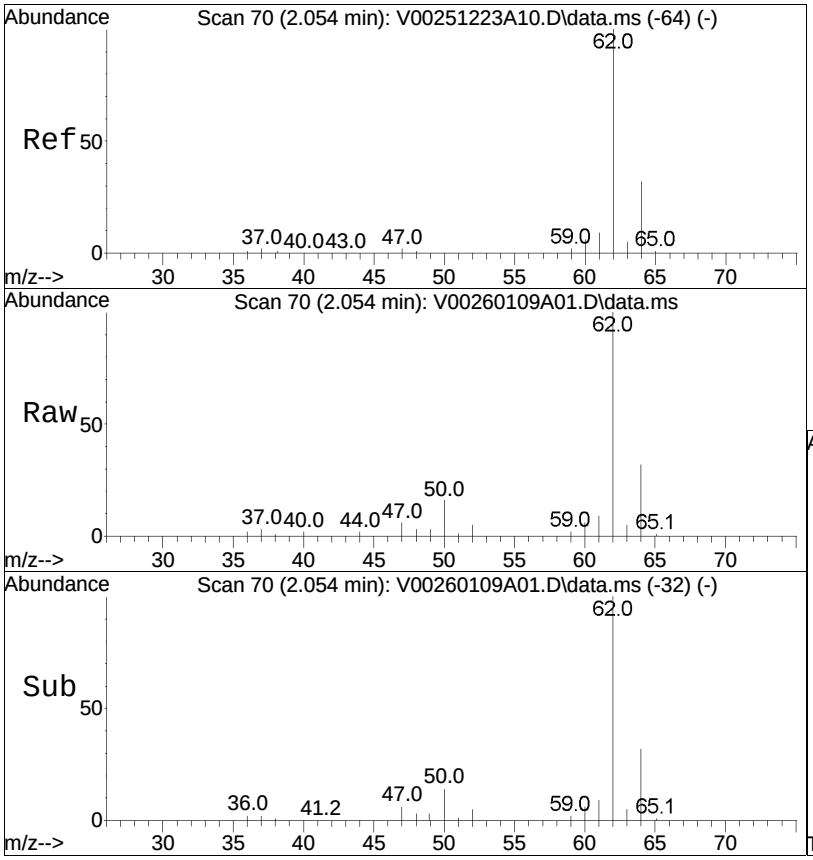


#3
Chloromethane
Concen: 54.39 ug/L
RT: 2.007 min Scan# 61
Delta R.T. -0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 50 Resp: 127879

Ion	Ratio	Lower	Upper
50	100		
52	31.9	14.2	54.2
47	6.8	0.0	28.0

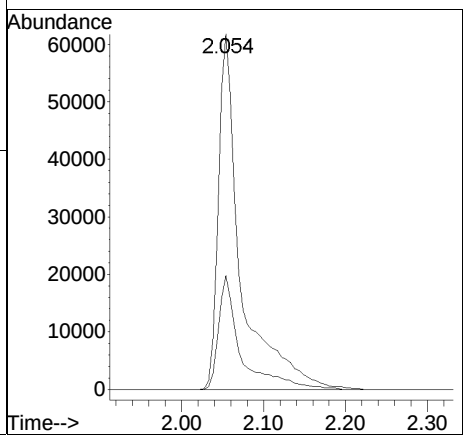


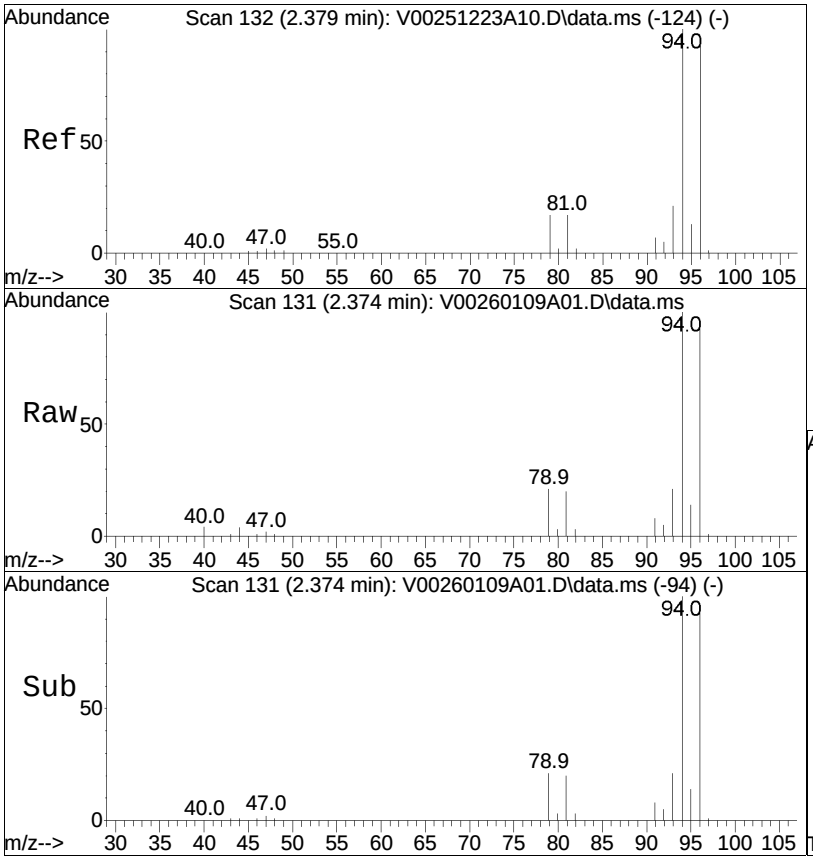


#4
Vinyl chloride
Concen: 50.78 ug/L
RT: 2.054 min Scan# 70
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 62 Resp: 118394

Ion	Ratio	Lower	Upper
62	100		
64	31.6	4.4	44.4

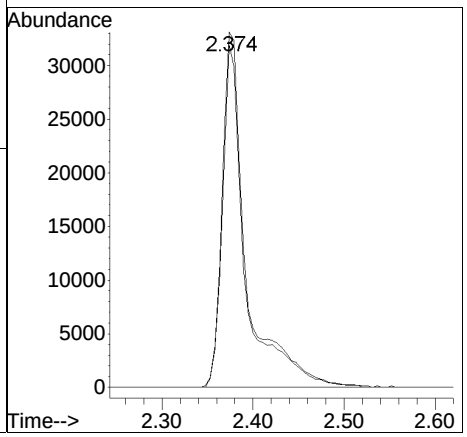


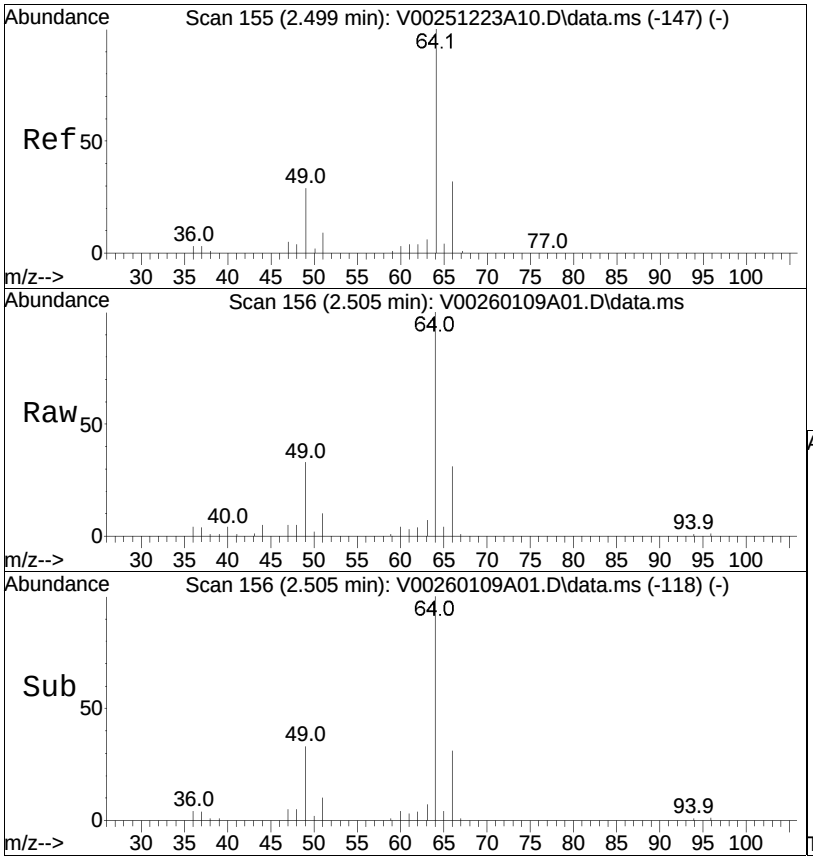


#5
Bromomethane
Concen: 50.61 ug/L
RT: 2.374 min Scan# 131
Delta R.T. -0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 94 Resp: 61602

Ion	Ratio	Lower	Upper
94	100		
96	92.2	72.4	112.4

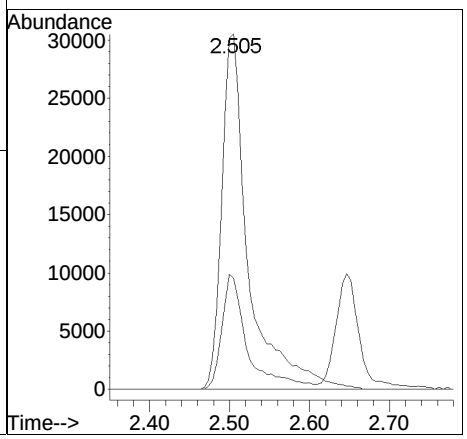


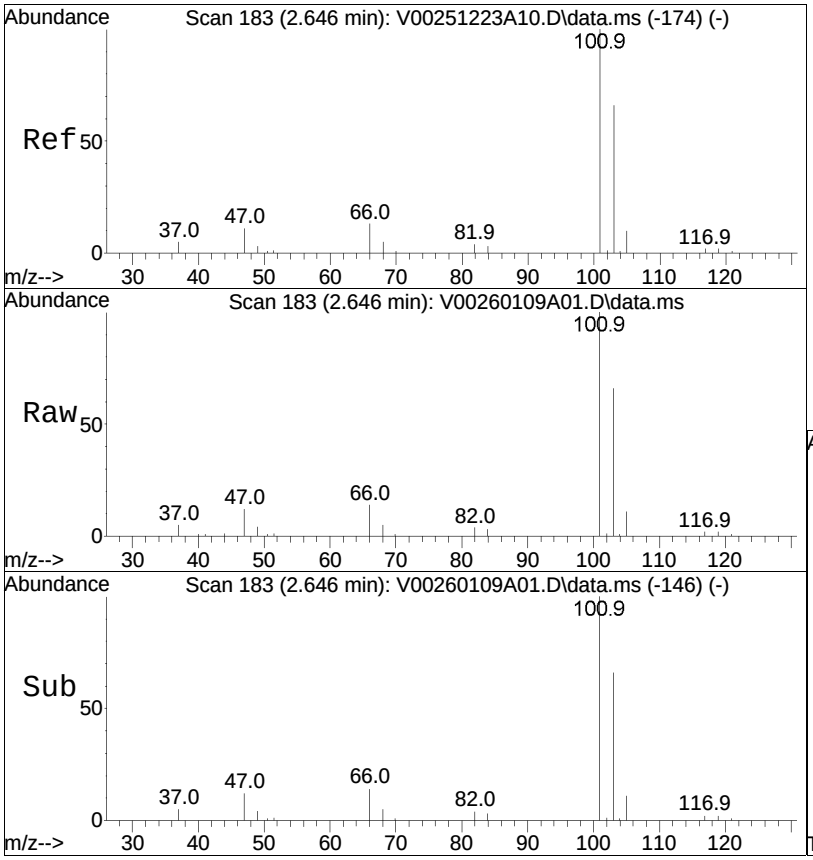


#6
Chloroethane
Concen: 48.67 ug/L
RT: 2.505 min Scan# 156
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 64 Resp: 71019

Ion	Ratio	Lower	Upper
64	100		
66	31.1	4.8	44.8

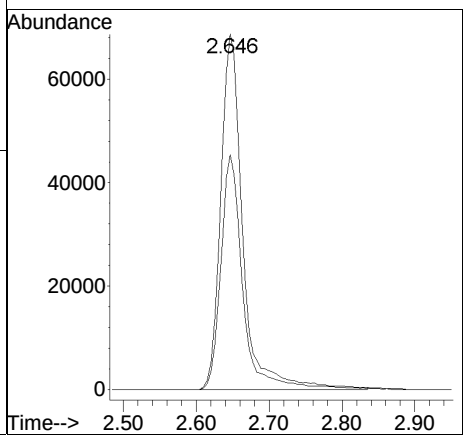


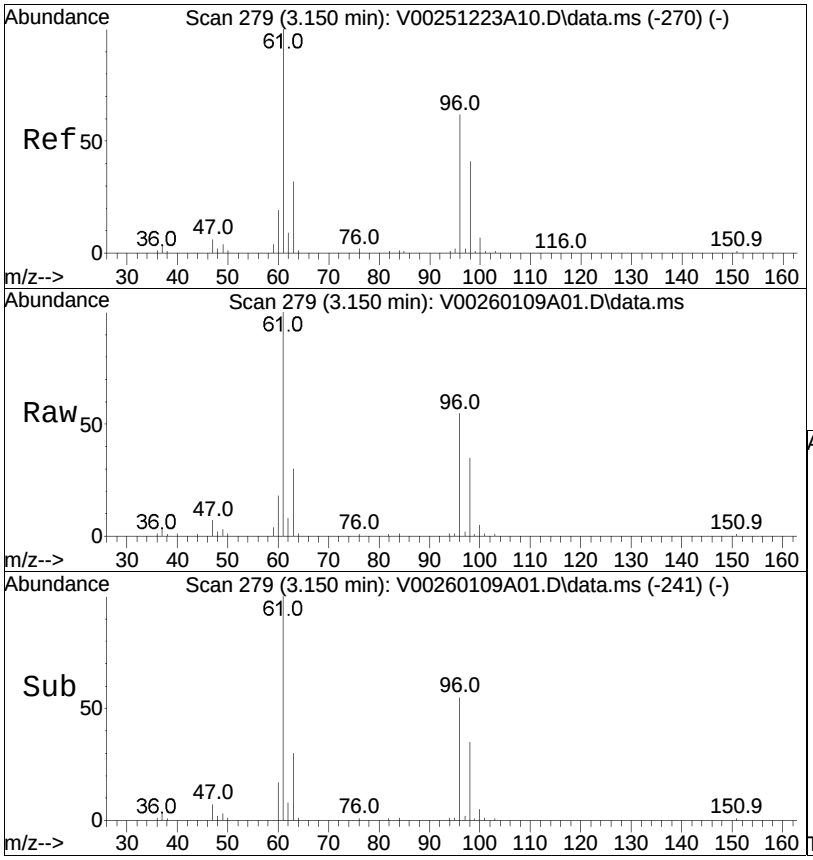


#7
Trichlorofluoromethane
Concen: 45.14 ug/L
RT: 2.646 min Scan# 183
Delta R.T. -0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:101 Resp: 144888

Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.5	77.3

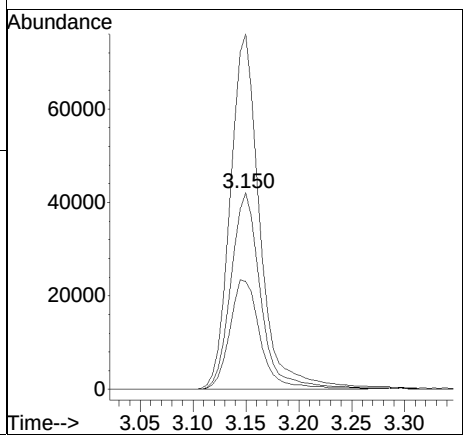


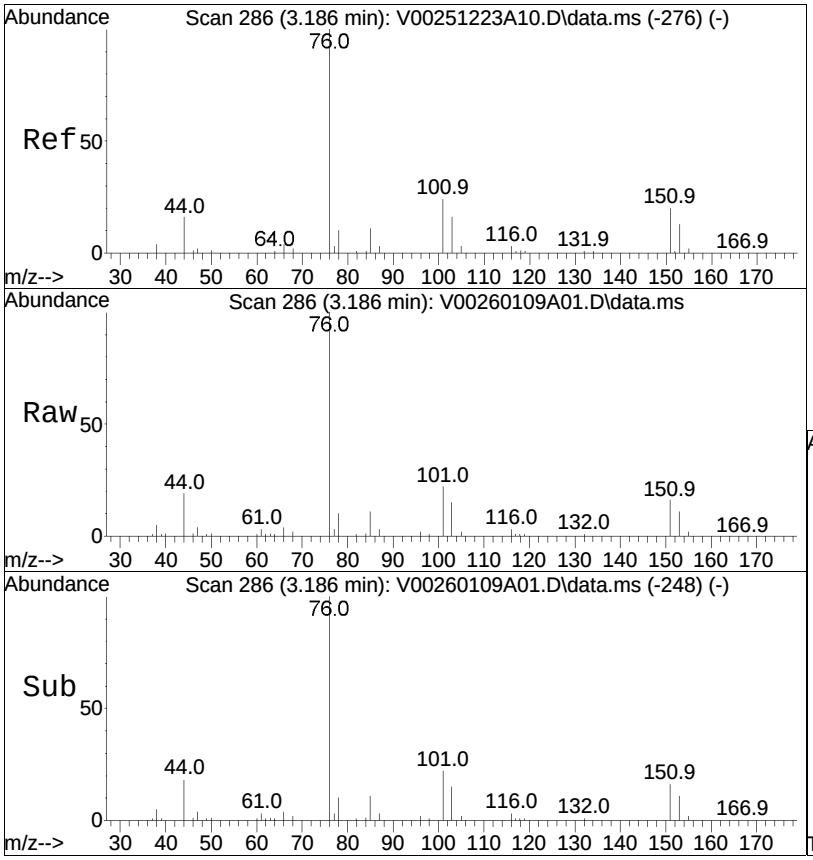


#10
1,1-Dichloroethene
Concen: 43.87 ug/L
RT: 3.150 min Scan# 279
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 96 Resp: 82906

Ion	Ratio	Lower	Upper
96	100		
61	181.1	149.4	224.2
63	57.6	47.0	70.6

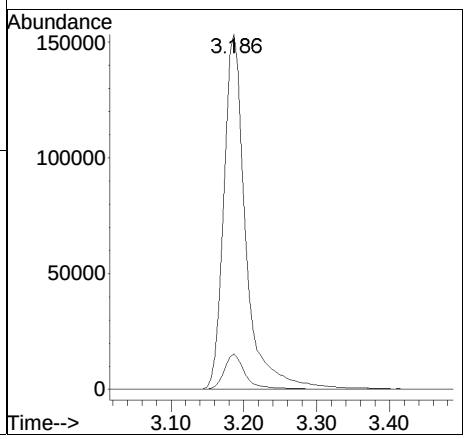


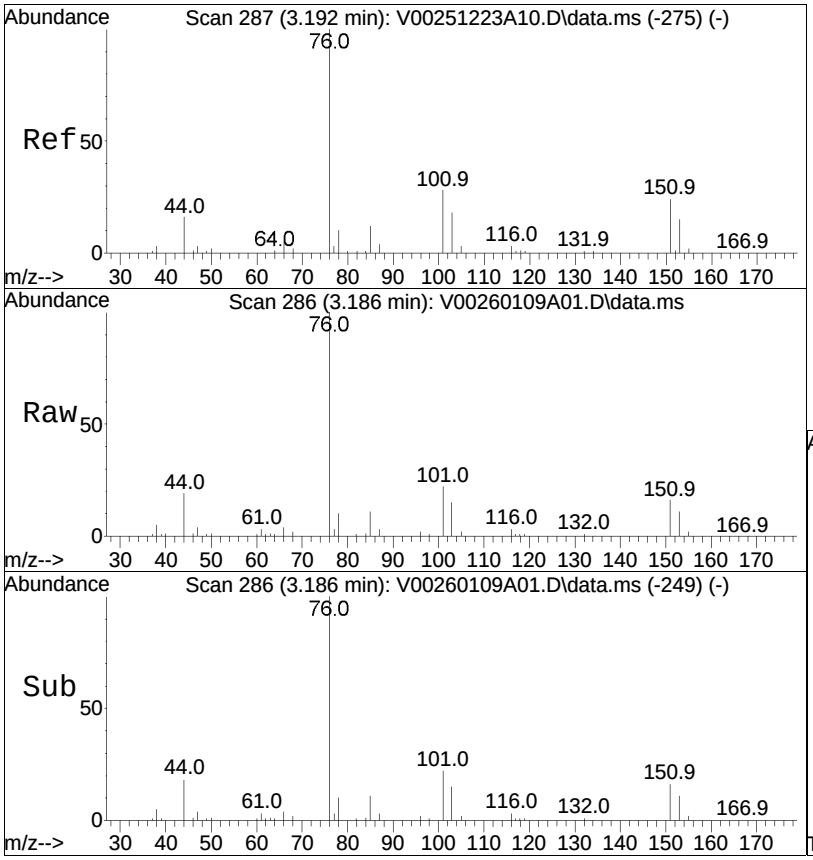


#11
Carbon disulfide
Concen: 42.12 ug/L
RT: 3.186 min Scan# 286
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 76 Resp: 322945

Ion	Ratio	Lower	Upper
76	100		
78	9.7	6.4	13.4

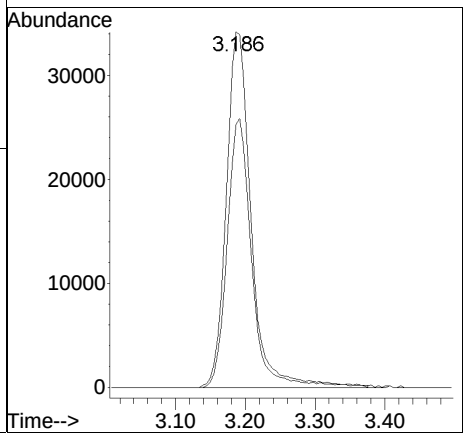


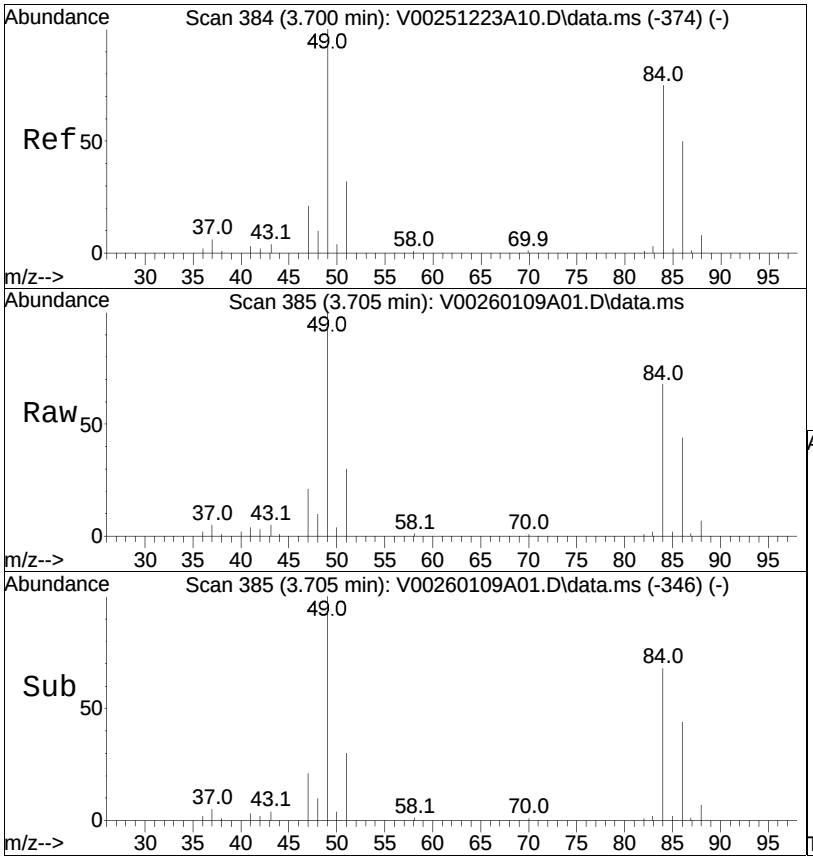


#12
Freon-113
Concen: 45.01 ug/L
RT: 3.186 min Scan# 286
Delta R.T. -0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:101 Resp: 84745

Ion	Ratio	Lower	Upper
101	100		
151	72.9	58.9	88.3

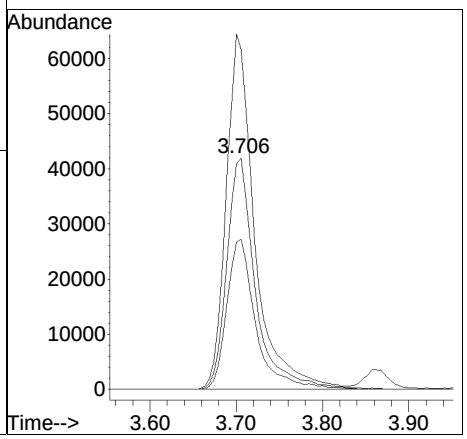


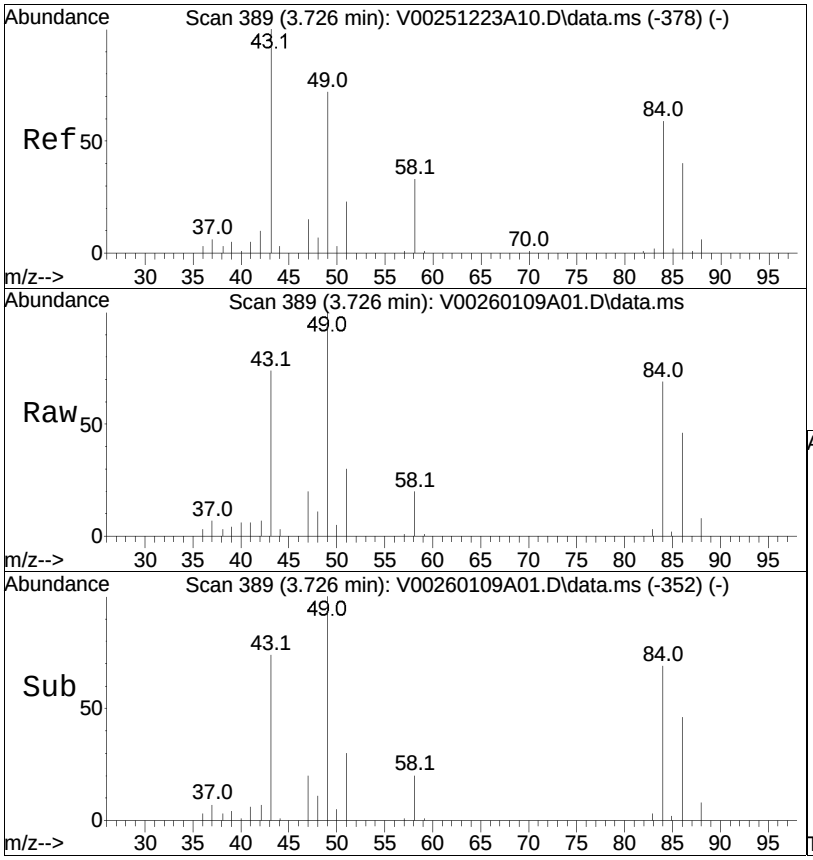


#15
Methylene chloride
Concen: 41.59 ug/L
RT: 3.705 min Scan# 385
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 84 Resp: 97342

Ion	Ratio	Lower	Upper
84	100		
86	65.6	39.6	82.2
49	152.2	72.7	150.9#

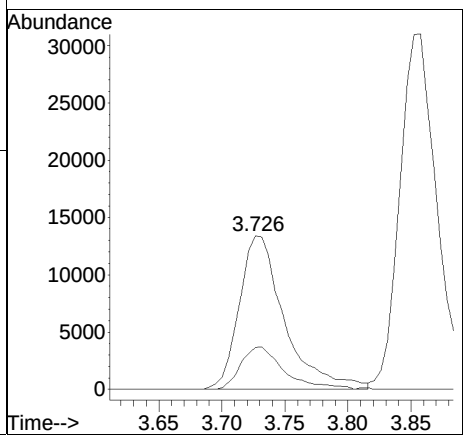


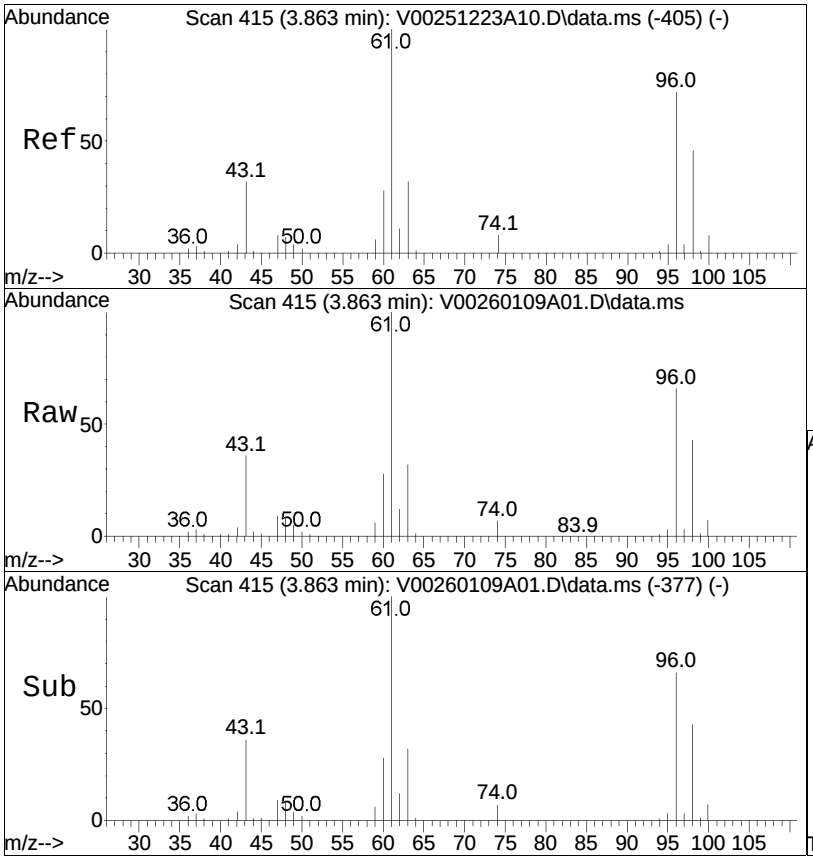


#17
Acetone
Concen: 31.90 ug/L
RT: 3.726 min Scan# 389
Delta R.T. -0.006 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 43 Resp: 33595

Ion	Ratio	Lower	Upper
43	100		
58	26.5	27.2	40.8#

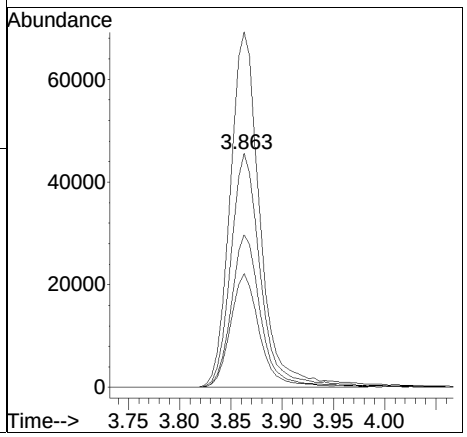


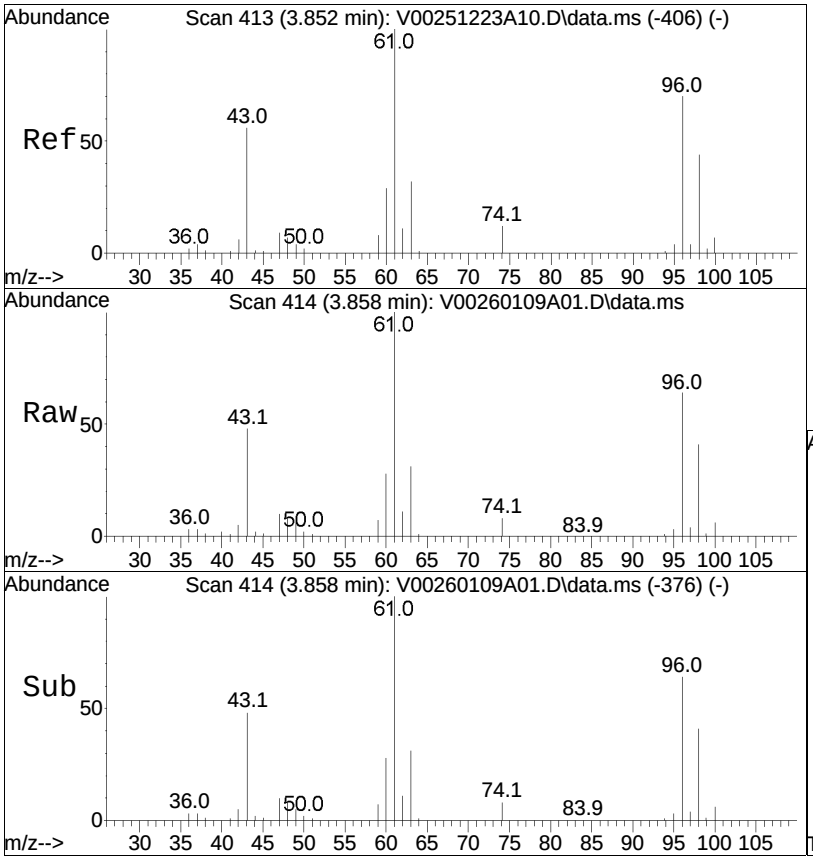


#18
trans-1,2-Dichloroethene
Concen: 42.75 ug/L
RT: 3.863 min Scan# 415
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 96 Resp: 92726

Ion	Ratio	Lower	Upper
96	100		
61	153.3	96.5	200.5
98	65.3	40.6	84.2
63	47.5	30.2	62.8

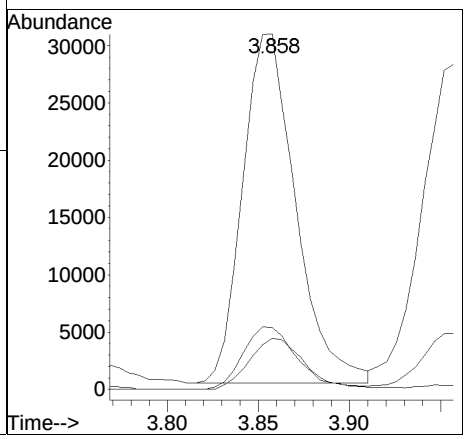


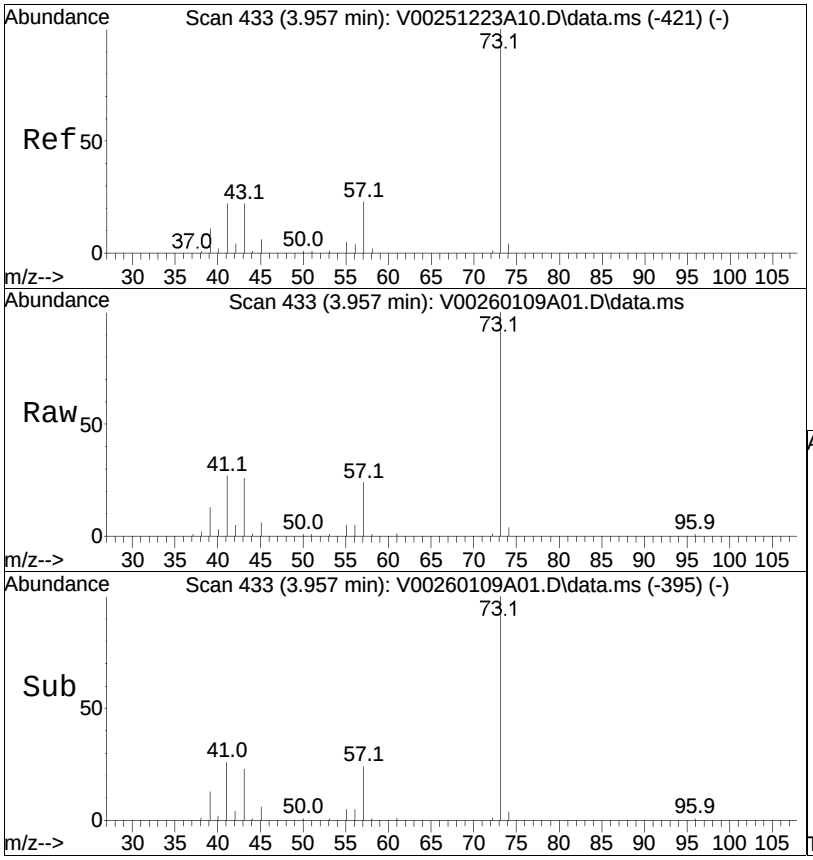


#19
Methyl acetate
Concen: 43.92 ug/L
RT: 3.858 min Scan# 414
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 43 Resp: 61777

Ion	Ratio	Lower	Upper
43	100		
74	18.5	22.7	34.1#
59	15.5	22.9	34.3#

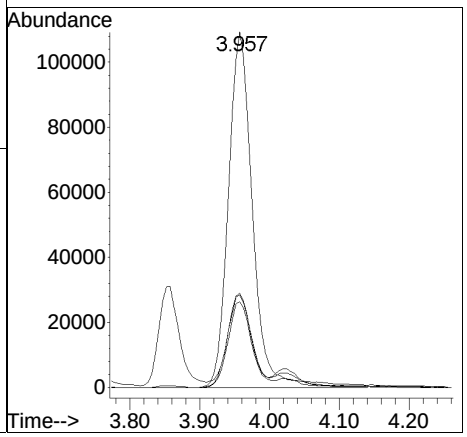


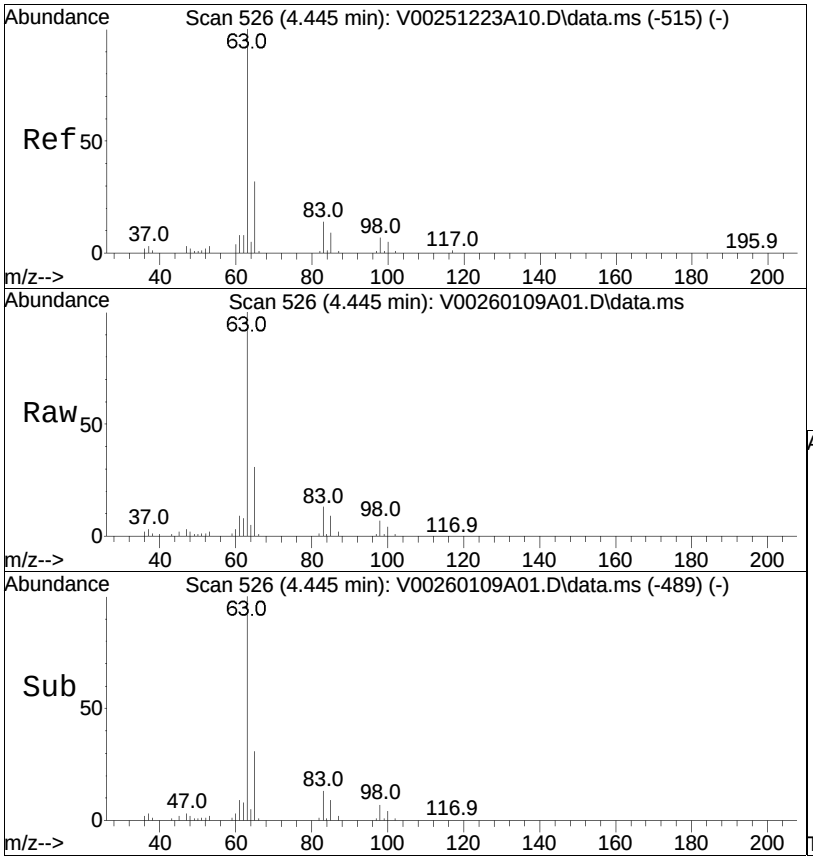


#20
Methyl tert-butyl ether
Concen: 43.77 ug/L
RT: 3.957 min Scan# 433
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 73 Resp: 265130

Ion	Ratio	Lower	Upper
73	100		
57	23.6	14.7	30.5
43	25.0	12.5	26.1
41	25.8	11.6	24.0#

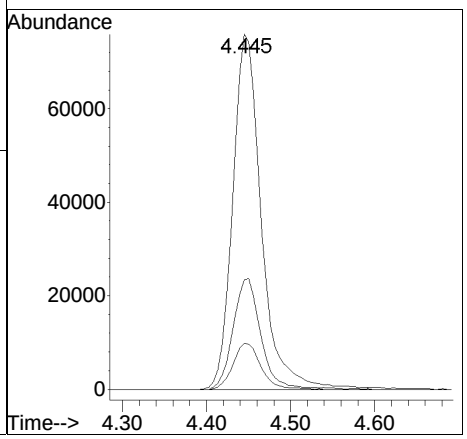


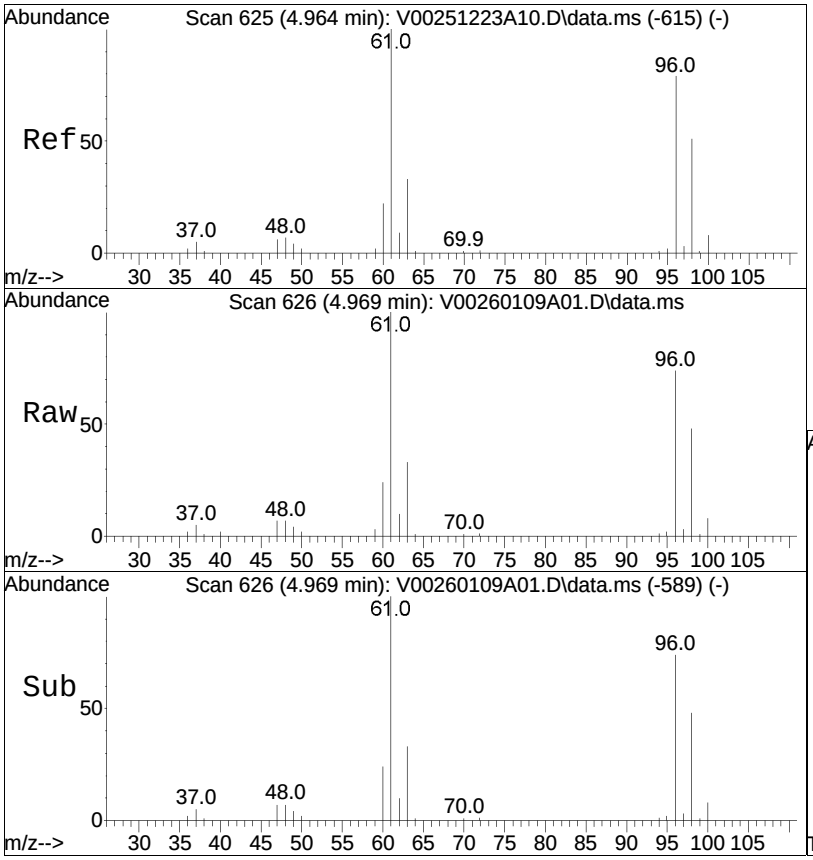


#23
1,1-Dichloroethane
Concen: 46.30 ug/L
RT: 4.445 min Scan# 526
Delta R.T. -0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 63 Resp: 179933

Ion	Ratio	Lower	Upper
63	100		
65	30.3	10.4	50.4
83	12.7	0.0	32.6

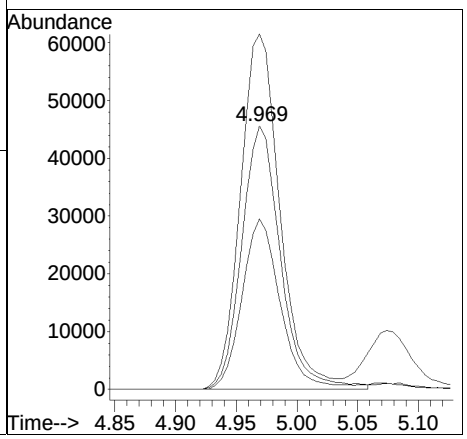


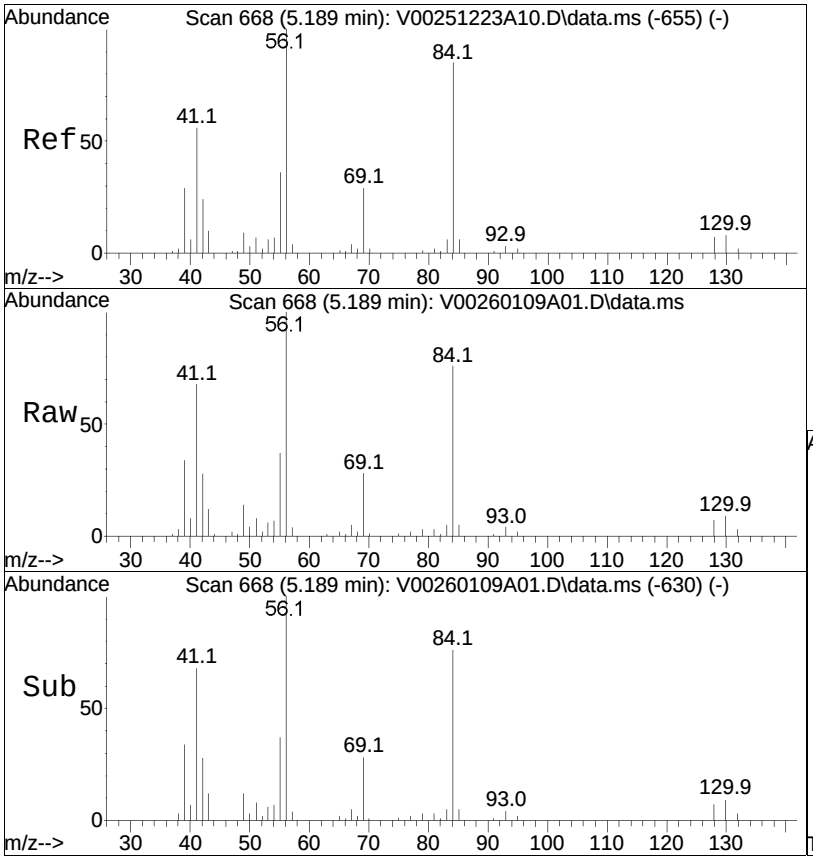


#28
cis-1,2-Dichloroethene
Concen: 42.31 ug/L
RT: 4.969 min Scan# 626
Delta R.T. -0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 96 Resp: 101685

Ion	Ratio	Lower	Upper
96	100		
61	136.9	107.8	161.8
98	63.8	51.4	77.0

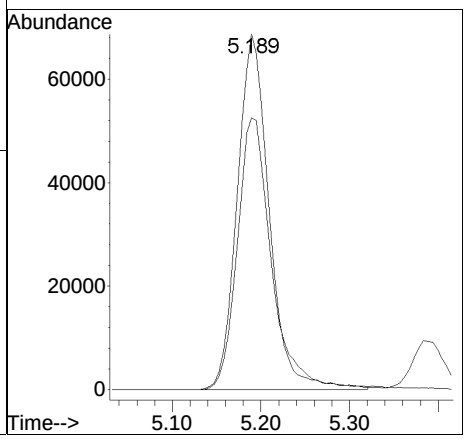


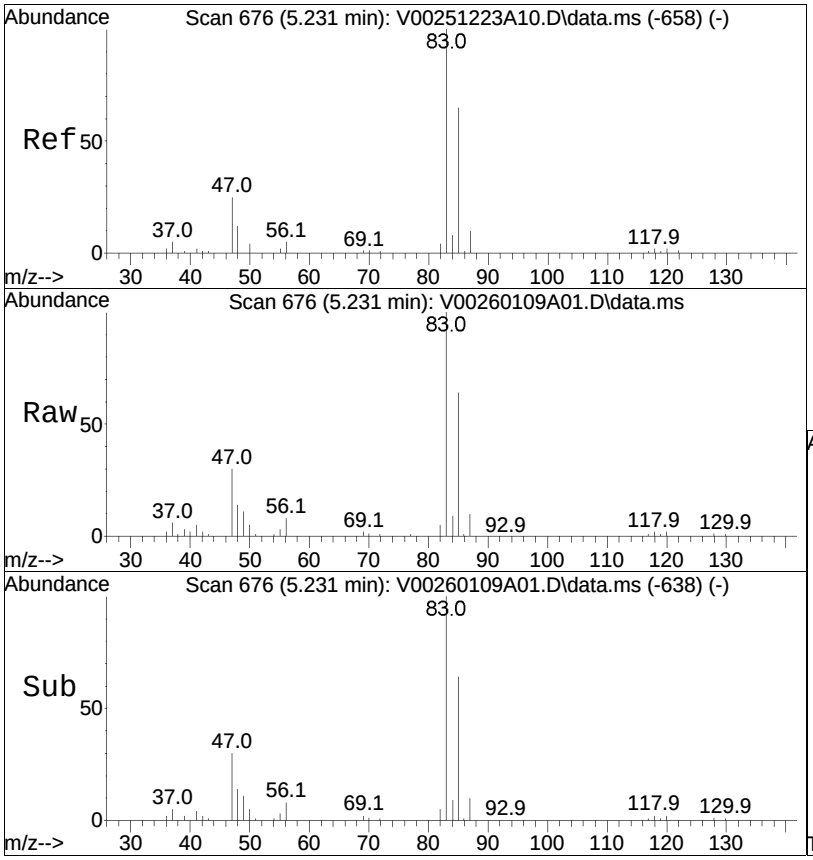


#32
Cyclohexane
Concen: 49.69 ug/L
RT: 5.189 min Scan# 668
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 56 Resp: 172328

Ion	Ratio	Lower	Upper
56	100		
84	81.7	60.3	125.1

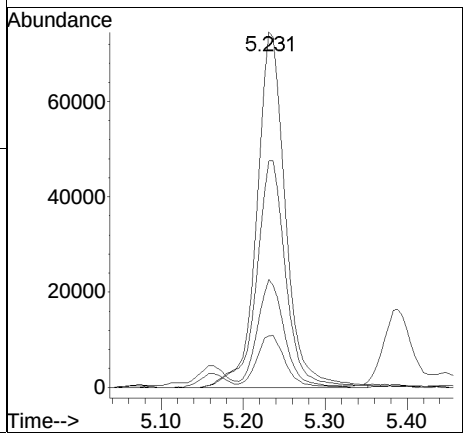


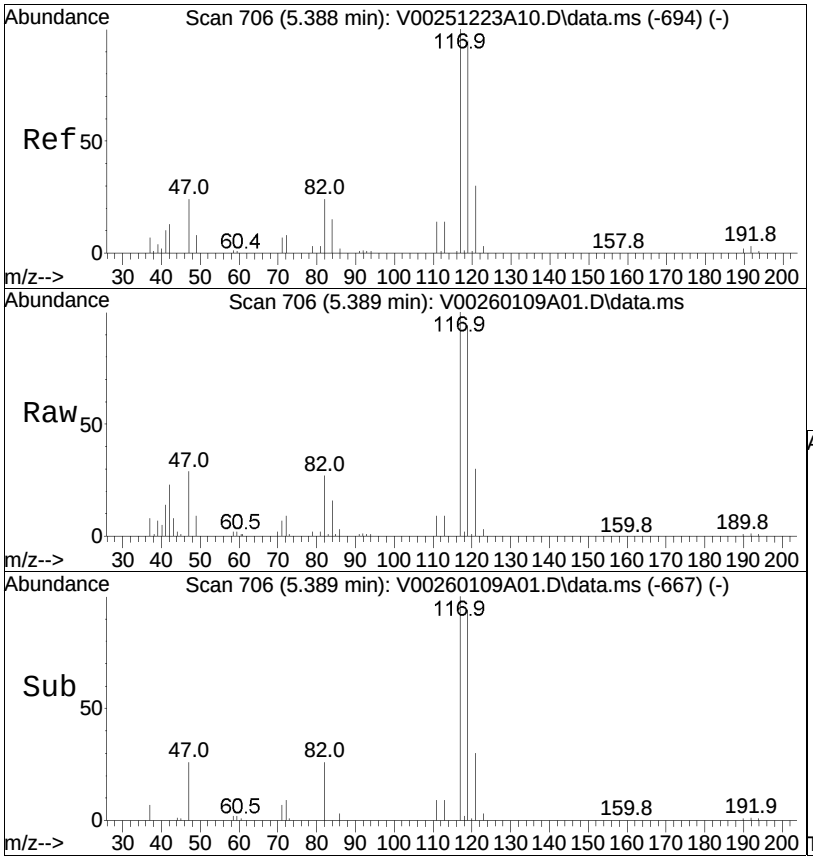


#33
Chloroform
Concen: 43.74 ug/L
RT: 5.231 min Scan# 676
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 83 Resp: 181295

Ion	Ratio	Lower	Upper
83	100		
85	66.0	43.3	89.9
47	27.8	14.4	29.8
48	14.7	7.5	15.7

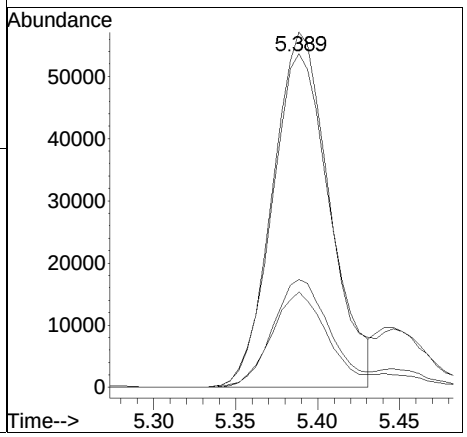


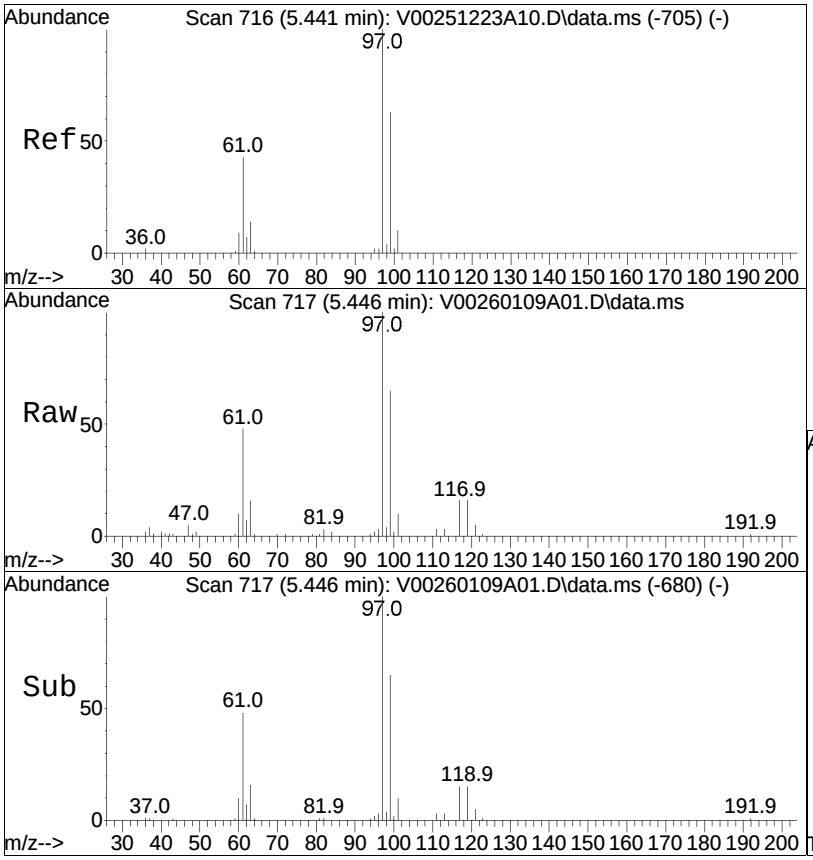


#35
Carbon tetrachloride
Concen: 42.55 ug/L
RT: 5.389 min Scan# 706
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:117 Resp: 138382

Ion	Ratio	Lower	Upper
117	100		
119	97.1	62.7	130.3
121	30.5	20.5	42.7
82	27.1	17.4	36.2

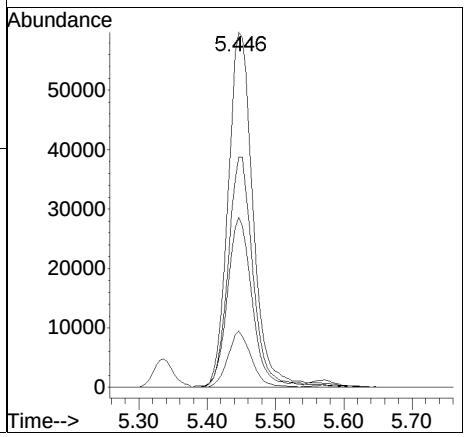


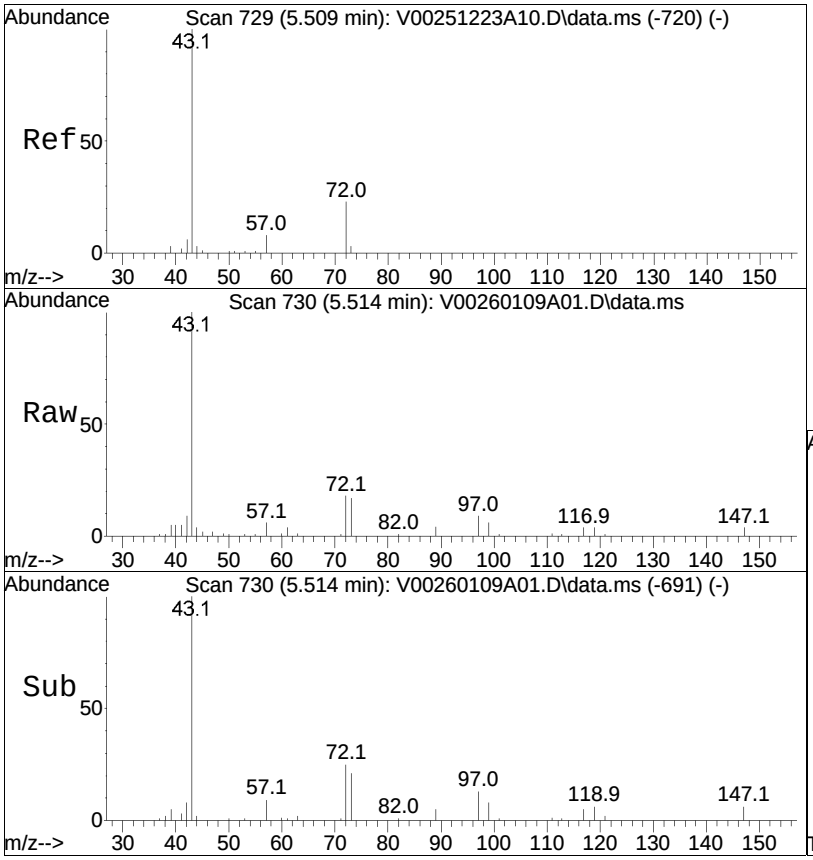


#38
1,1,1-Trichloroethane
Concen: 45.95 ug/L
RT: 5.446 min Scan# 717
Delta R.T. -0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 97 Resp: 153787

Ion	Ratio	Lower	Upper
97	100		
99	64.2	41.5	86.3
61	47.4	30.6	63.6
63	14.9	9.9	20.5

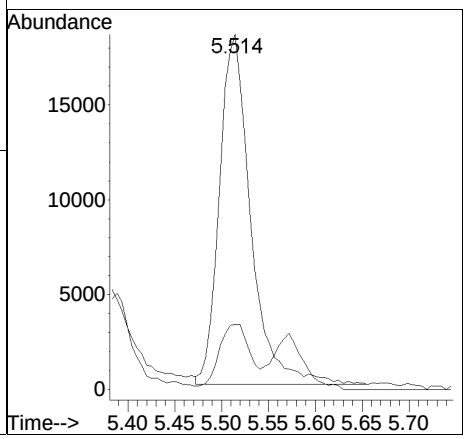


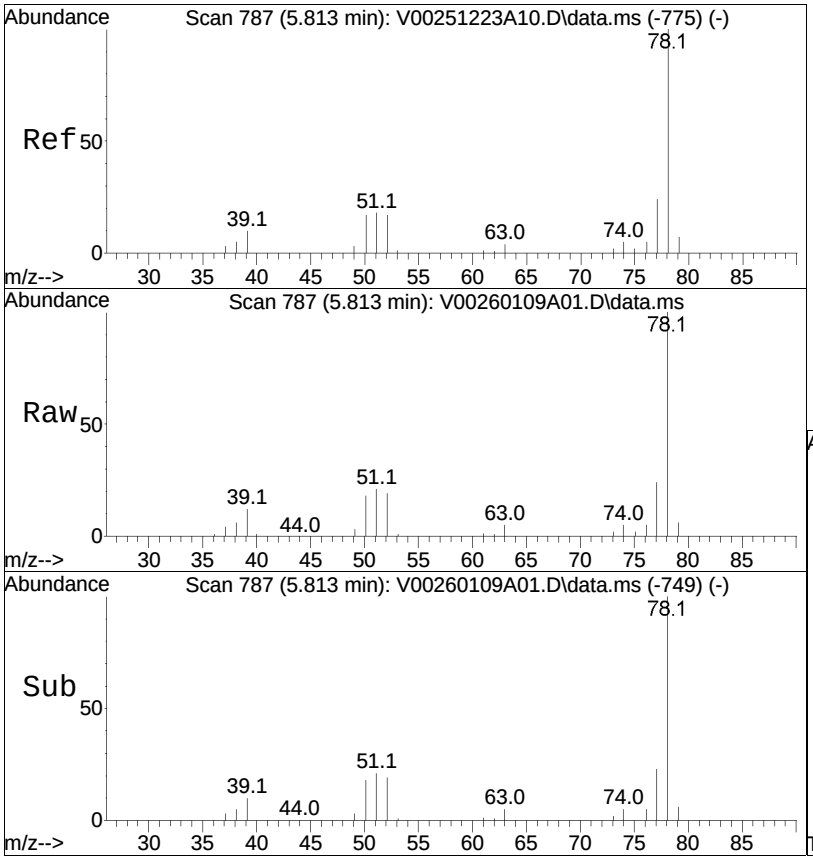


#40
2-Butanone
Concen: 47.60 ug/L
RT: 5.514 min Scan# 730
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 43 Resp: 43114

Ion	Ratio	Lower	Upper
43	100		
72	18.3	19.4	29.0#

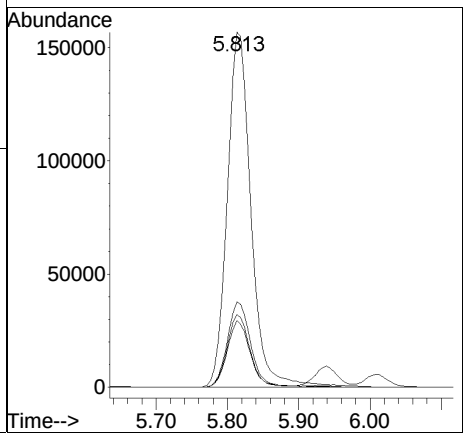


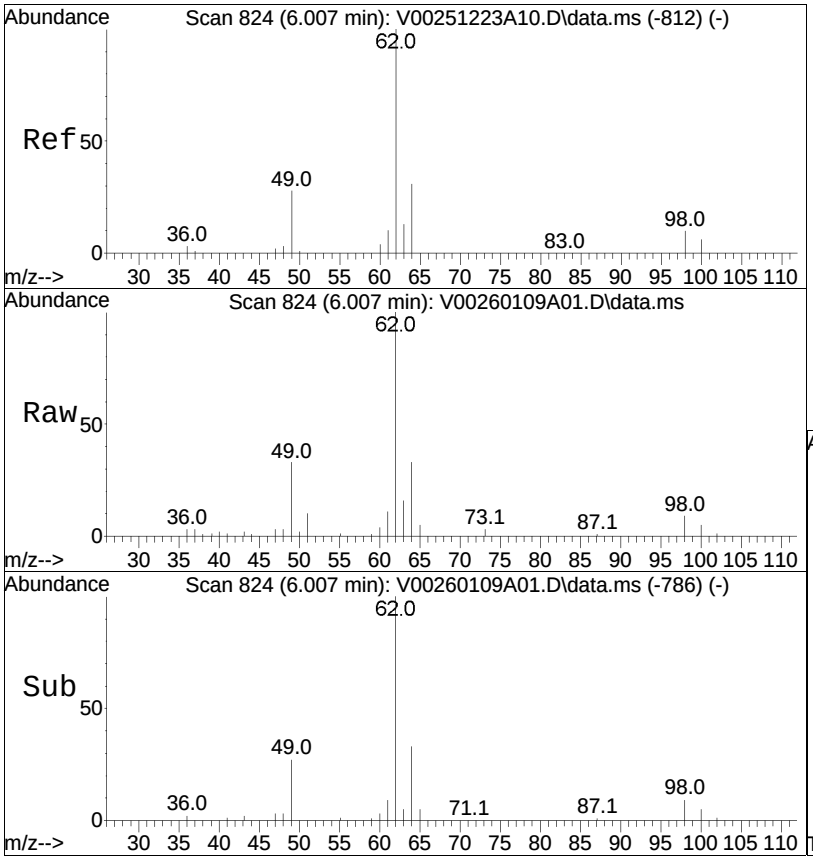


#42
Benzene
Concen: 45.53 ug/L
RT: 5.813 min Scan# 787
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 78 Resp: 364727

Ion	Ratio	Lower	Upper
78	100		
77	24.0	15.6	32.4
51	19.8	10.2	21.2
52	18.3	9.6	19.8

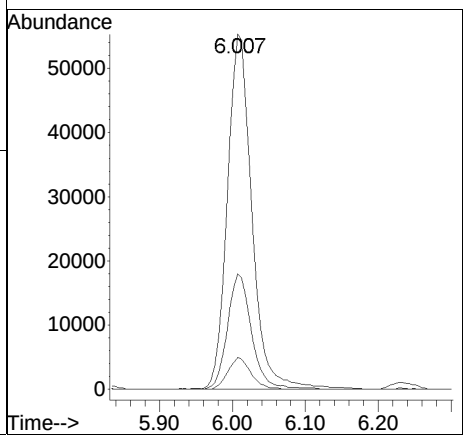


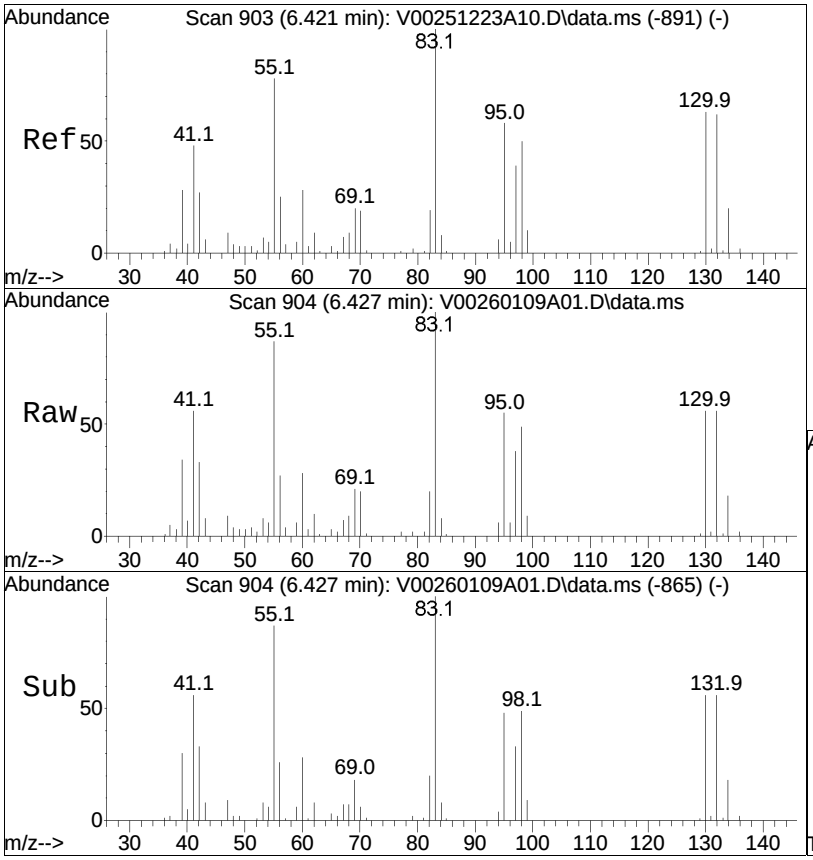


#45
1,2-Dichloroethane
Concen: 45.47 ug/L
RT: 6.007 min Scan# 824
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 62 Resp: 130219

Ion	Ratio	Lower	Upper
62	100		
64	31.9	12.6	52.6
98	8.4	0.0	28.7

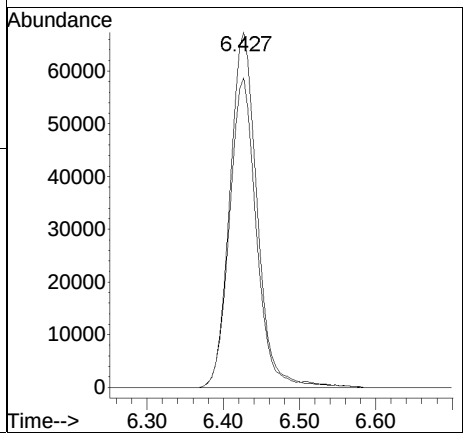


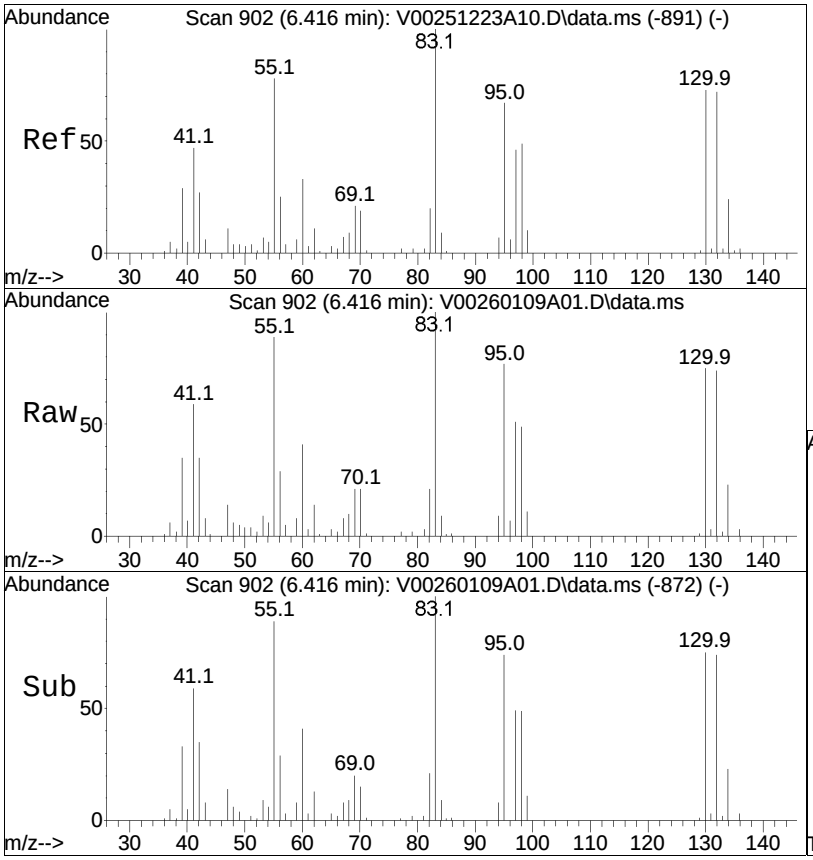


#48
Methyl cyclohexane
Concen: 46.02 ug/L
RT: 6.427 min Scan# 904
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 83 Resp: 167035

Ion	Ratio	Lower	Upper
83	100		
55	86.4	60.0	90.0

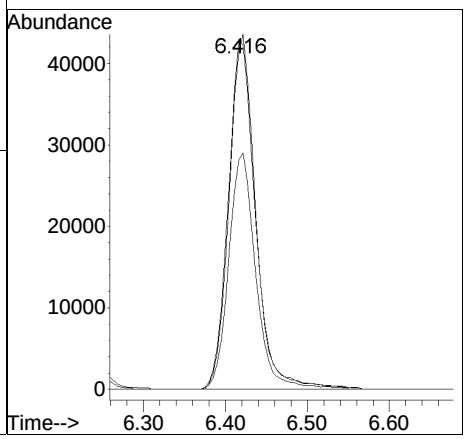


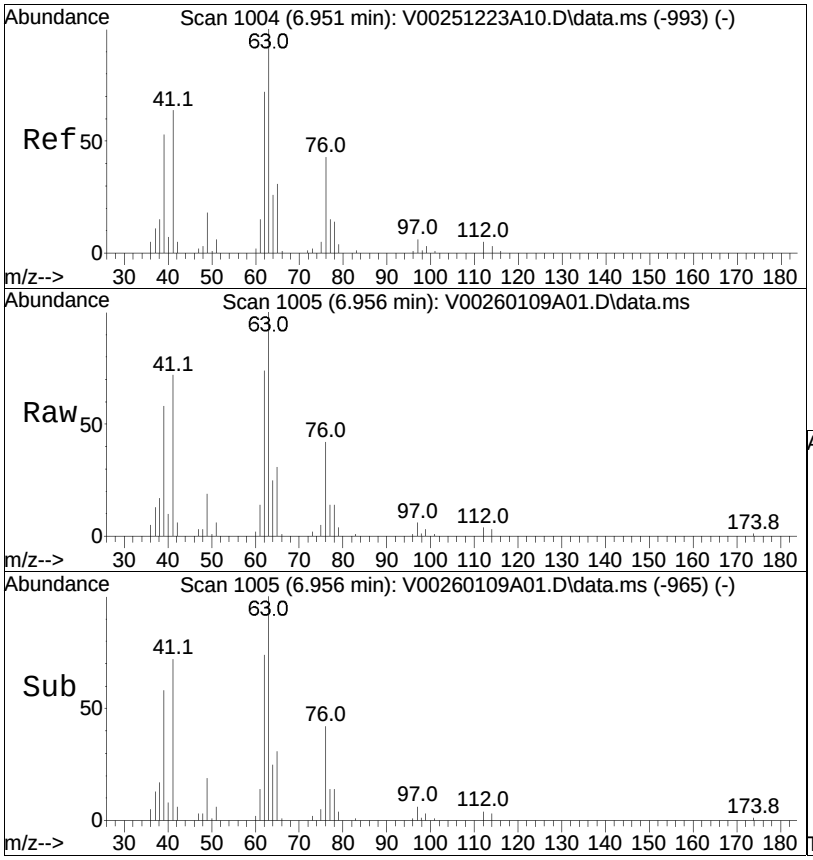


#49
Trichloroethene
Concen: 44.97 ug/L
RT: 6.416 min Scan# 902
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 95 Resp: 99473

Ion	Ratio	Lower	Upper
95	100		
97	67.1	54.2	81.4
130	99.4	77.0	115.6

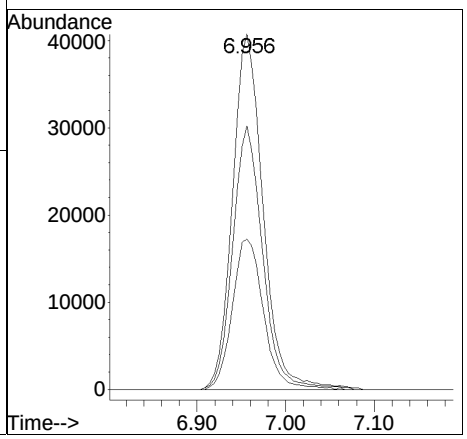


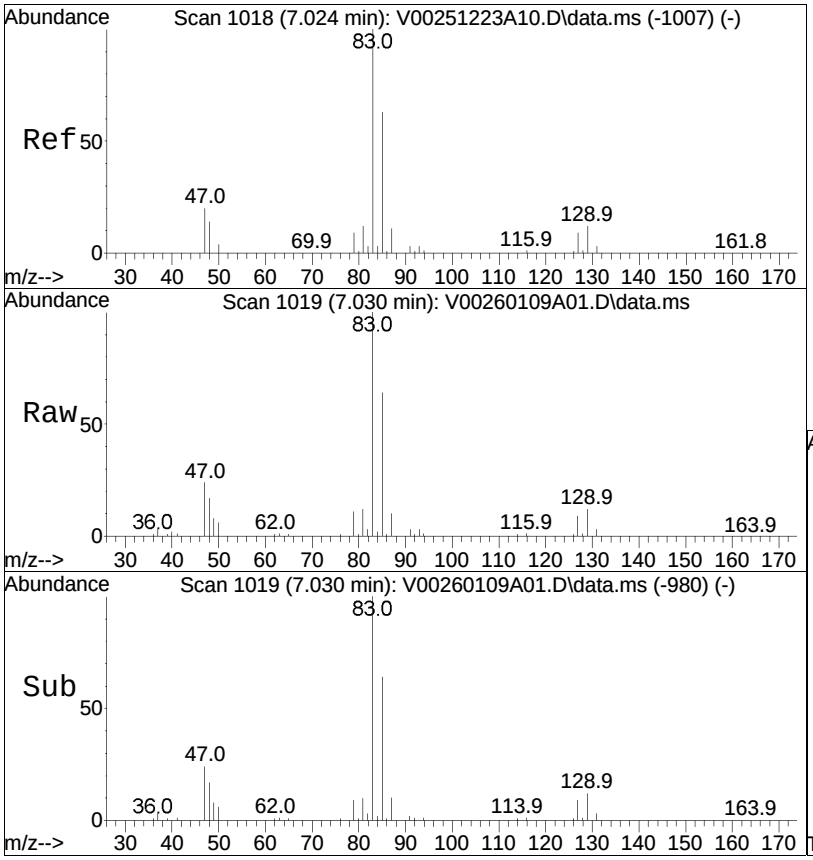


#52
1,2-Dichloropropane
Concen: 45.50 ug/L
RT: 6.956 min Scan# 1005
Delta R.T. 0.011 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 63 Resp: 97717

Ion	Ratio	Lower	Upper
63	100		
62	72.6	57.8	86.8
76	43.3	34.0	51.0

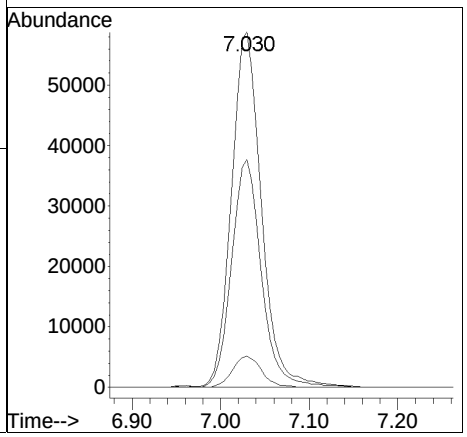


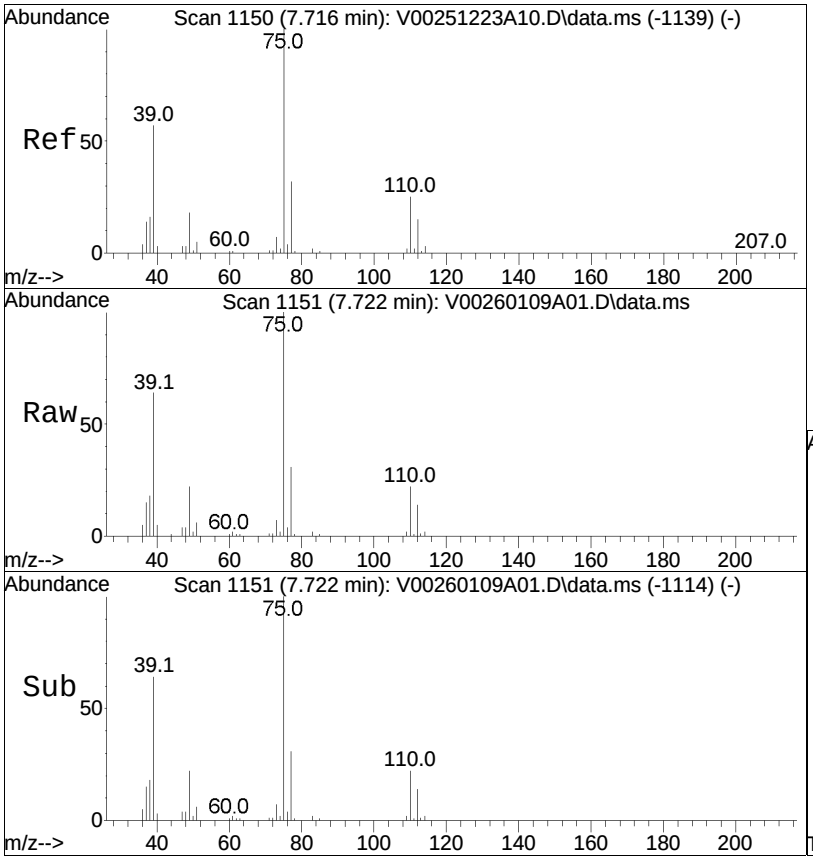


#55
Bromodichloromethane
Concen: 44.33 ug/L
RT: 7.030 min Scan# 1019
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 83 Resp: 138930

Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.9	76.3
127	8.5	6.6	9.8

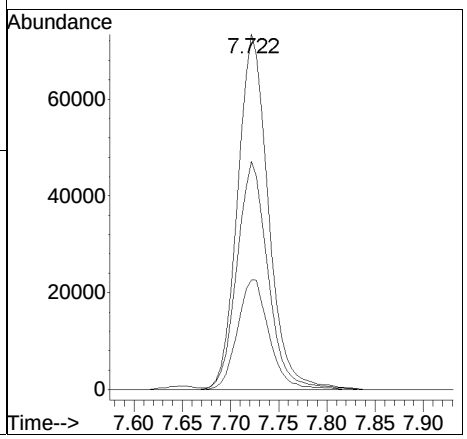


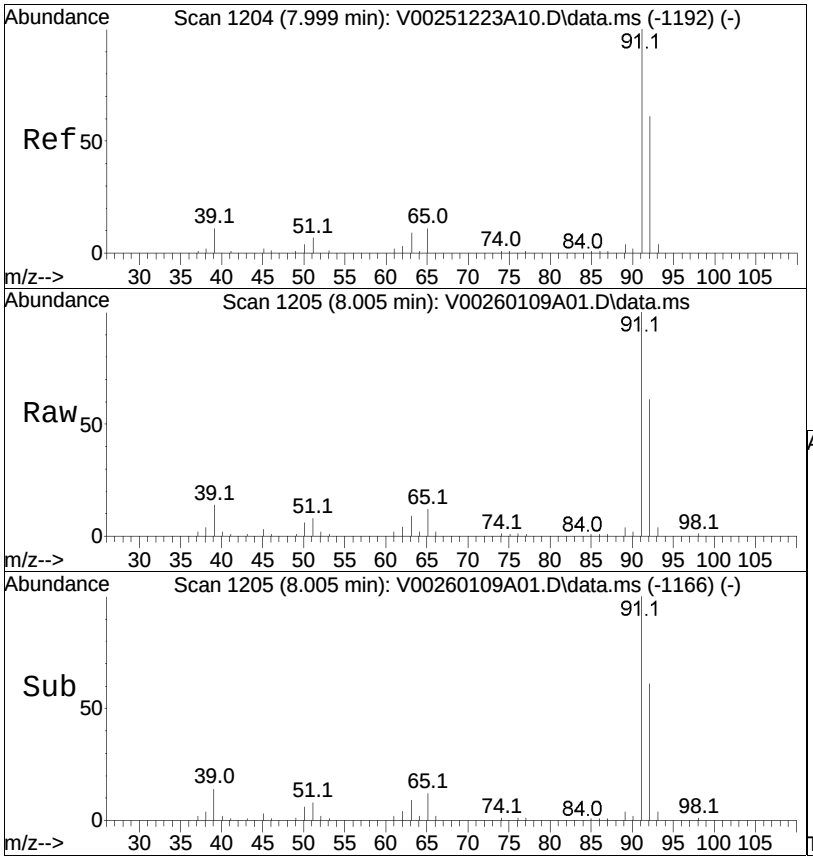


#59
cis-1,3-Dichloropropene
Concen: 45.39 ug/L
RT: 7.722 min Scan# 1151
Delta R.T. -0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 75 Resp: 163062

Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.7	38.5
39	64.6	32.3	48.5#

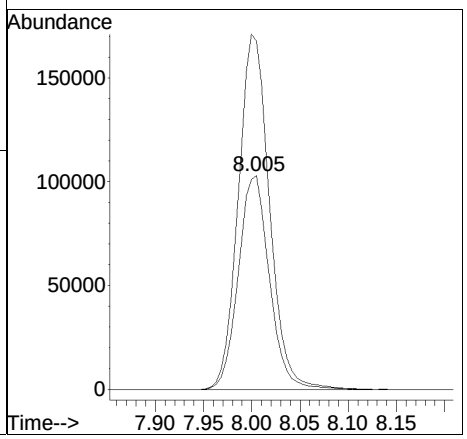


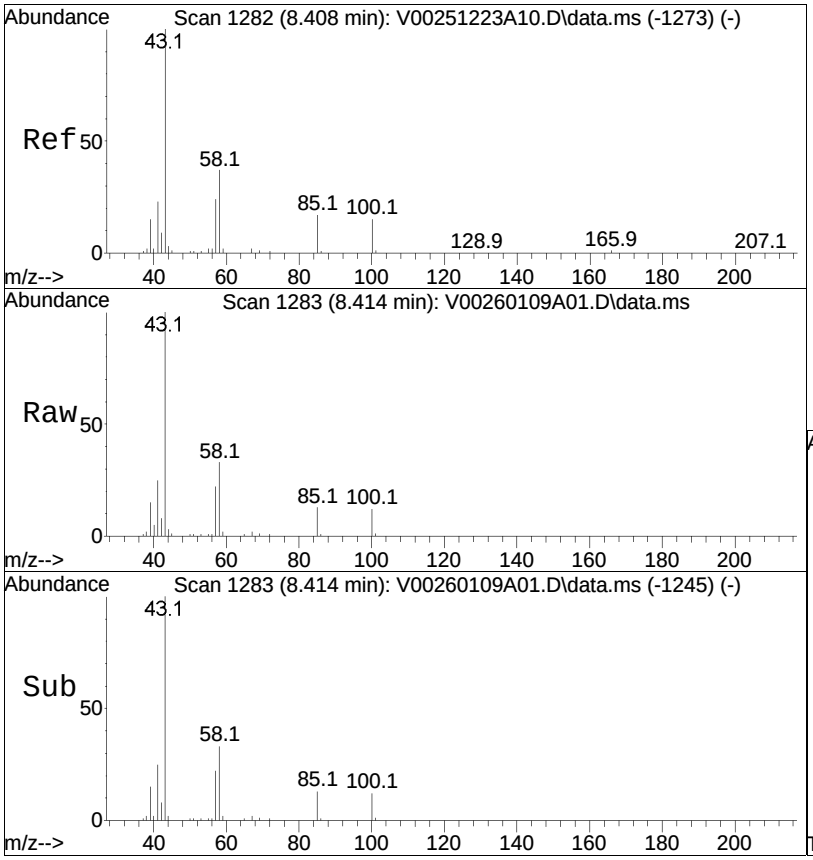


#62
Toluene
Concen: 44.37 ug/L
RT: 8.005 min Scan# 1205
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 92 Resp: 230740

Ion	Ratio	Lower	Upper
92	100		
91	166.4	138.2	207.2

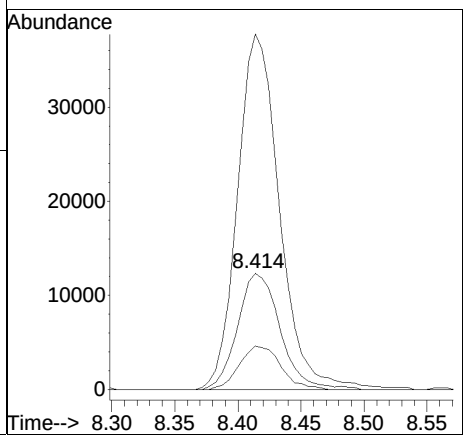


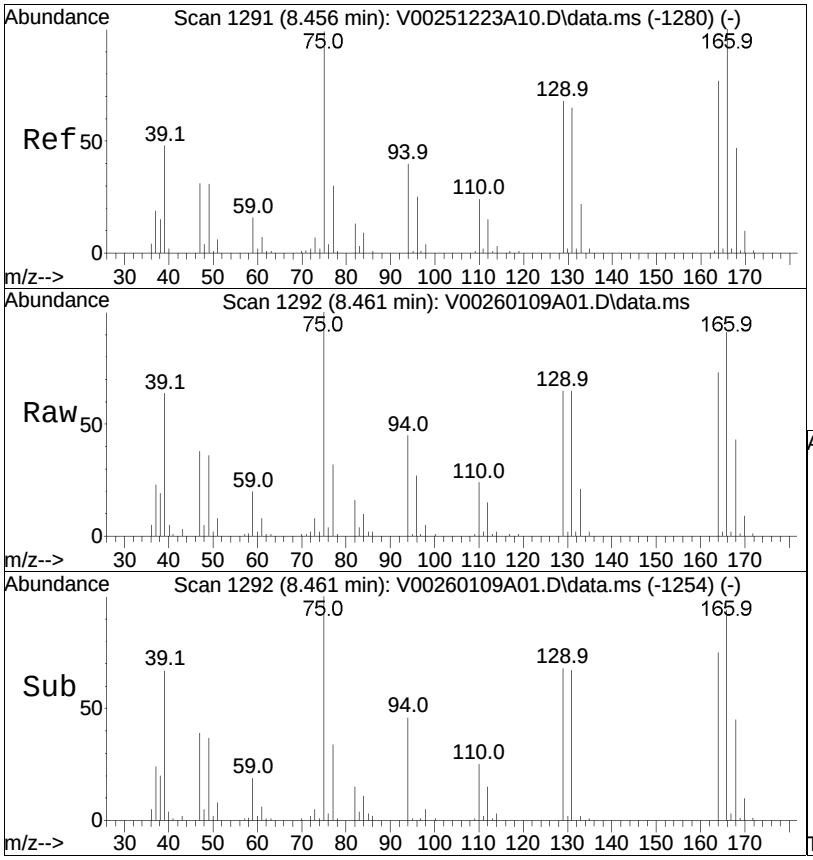


#63
4-Methyl-2-pentanone
Concen: 43.86 ug/L
RT: 8.414 min Scan# 1283
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 58 Resp: 28965

Ion	Ratio	Lower	Upper
58	100		
100	36.3	31.2	46.8
43	302.6	156.5	234.7#

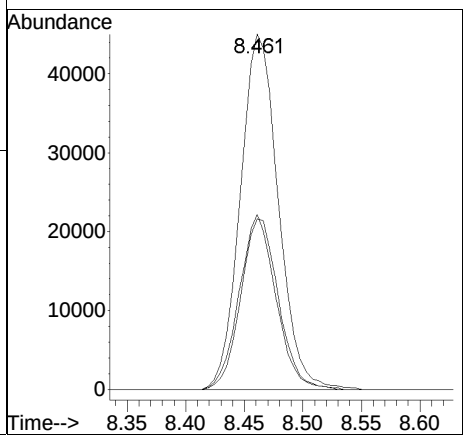


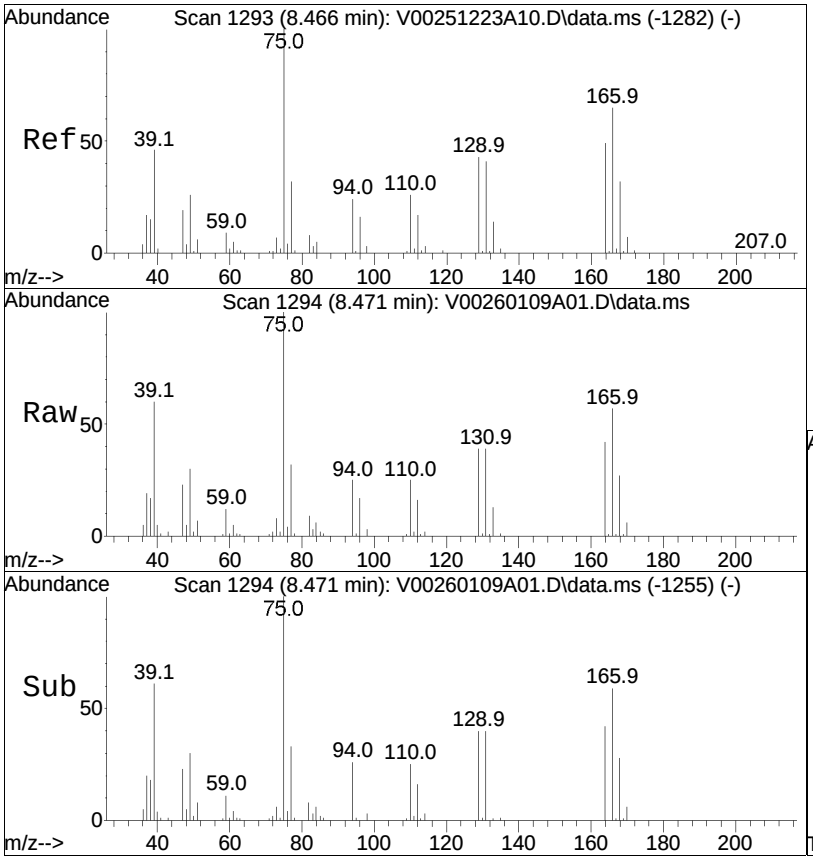


#64
Tetrachloroethene
Concen: 40.52 ug/L
RT: 8.461 min Scan# 1292
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:166 Resp: 101668

Ion	Ratio	Lower	Upper
166	100		
168	47.7	29.2	69.2
94	47.4	29.0	69.0

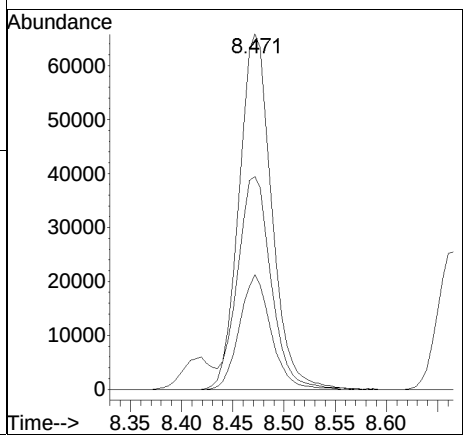


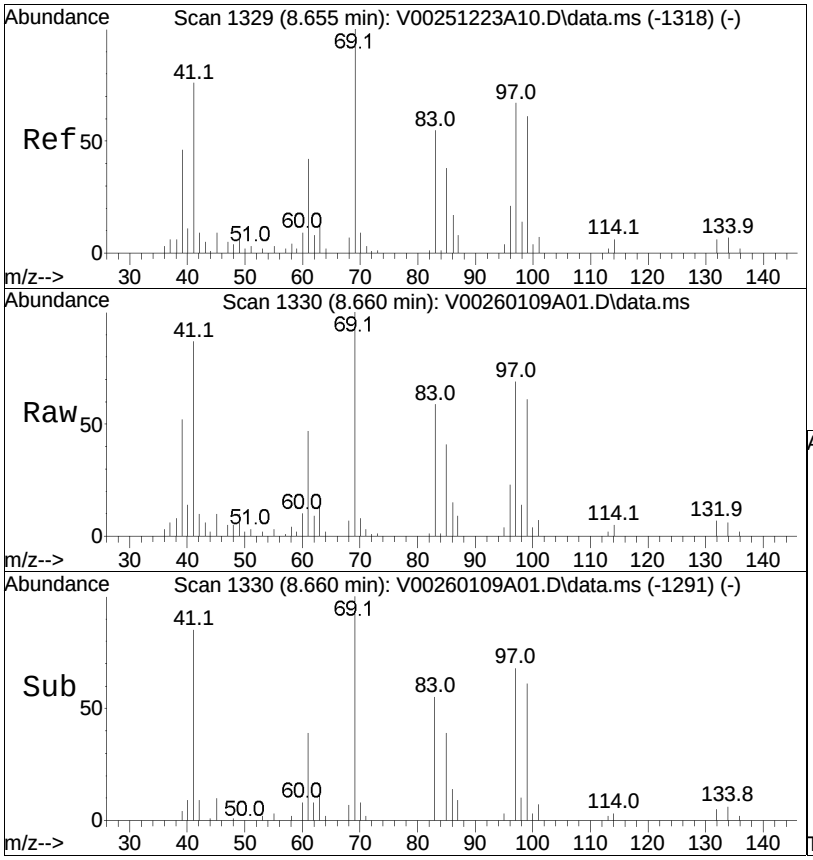


#66
trans-1,3-Dichloropropene
Concen: 46.07 ug/L
RT: 8.471 min Scan# 1294
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 75 Resp: 146266

Ion	Ratio	Lower	Upper
75	100		
77	31.1	11.8	51.8
39	61.4	23.7	63.7

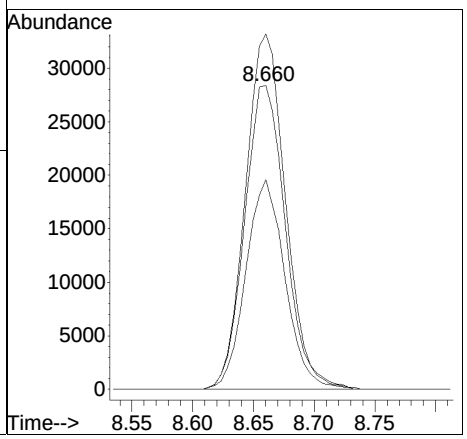


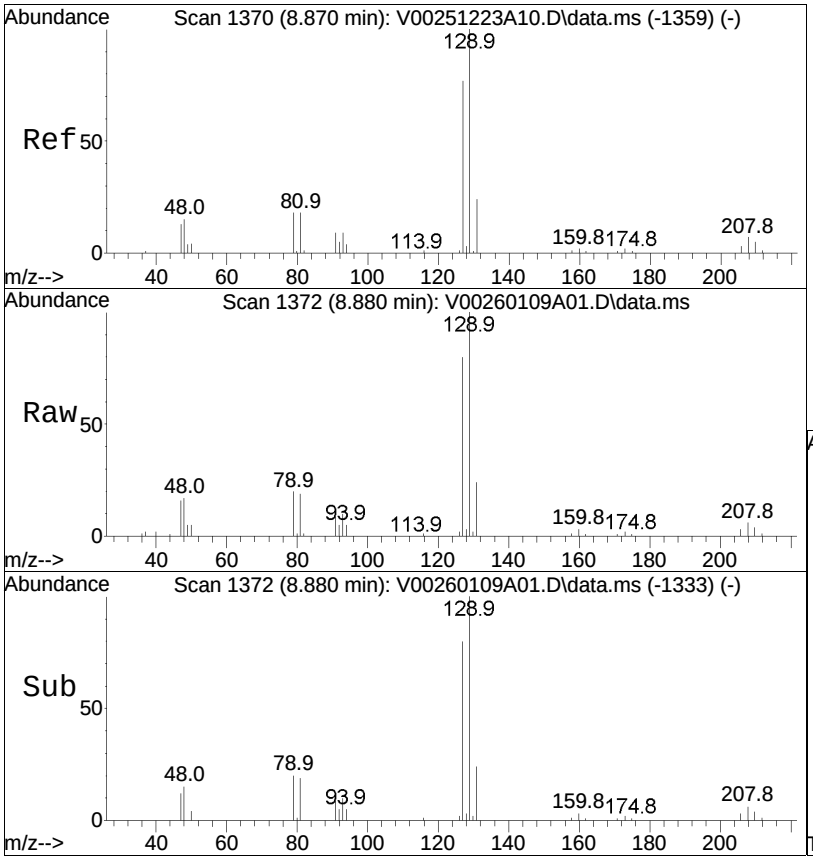


#69
1,1,2-Trichloroethane
Concen: 44.47 ug/L
RT: 8.660 min Scan# 1330
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 83 Resp: 66390

Ion	Ratio	Lower	Upper
83	100		
97	115.2	98.8	138.8
85	66.6	46.5	86.5

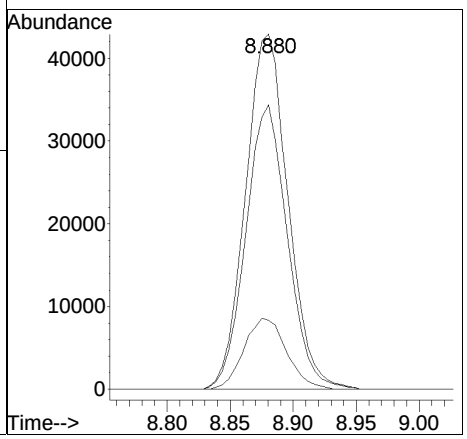


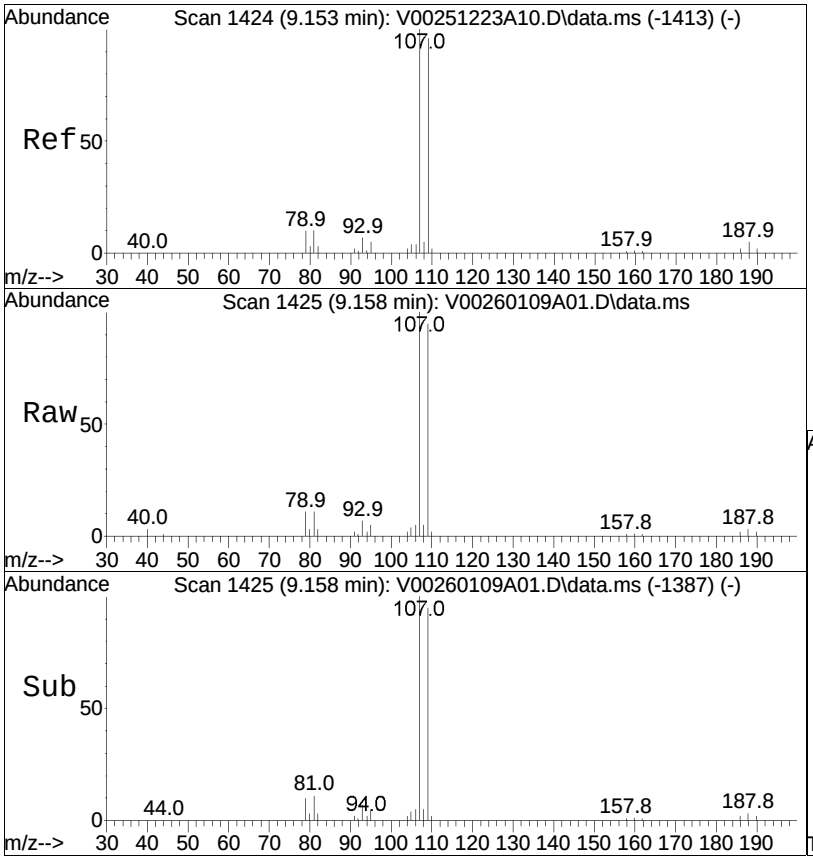


#70
Chlorodibromomethane
Concen: 41.68 ug/L
RT: 8.880 min Scan# 1372
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:129 Resp: 100809

Ion	Ratio	Lower	Upper
129	100		
81	20.1	0.1	40.1
127	78.4	58.4	98.4

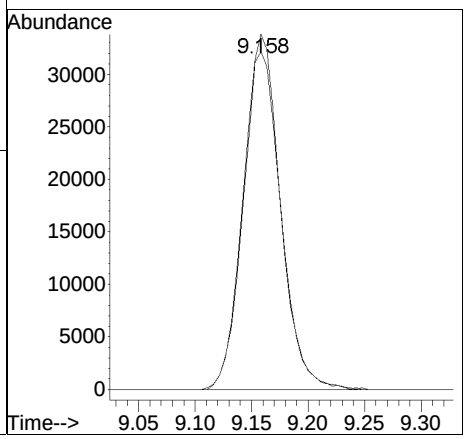


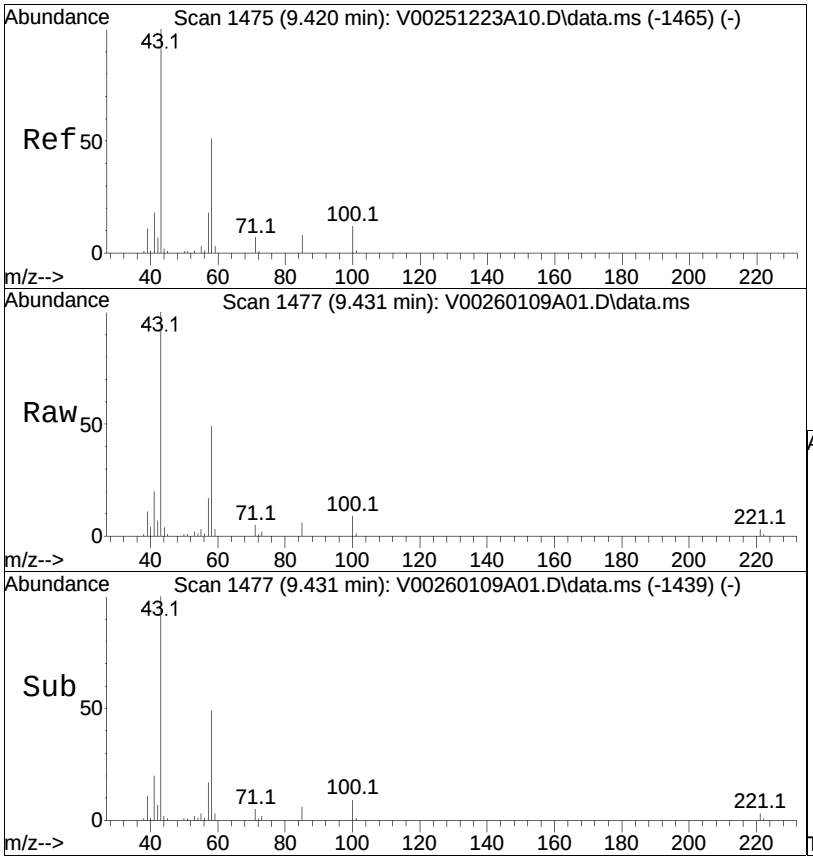


#72
1,2-Dibromoethane
Concen: 41.88 ug/L
RT: 9.158 min Scan# 1425
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:107 Resp: 77331

Ion	Ratio	Lower	Upper
107	100		
109	96.5	75.4	113.0

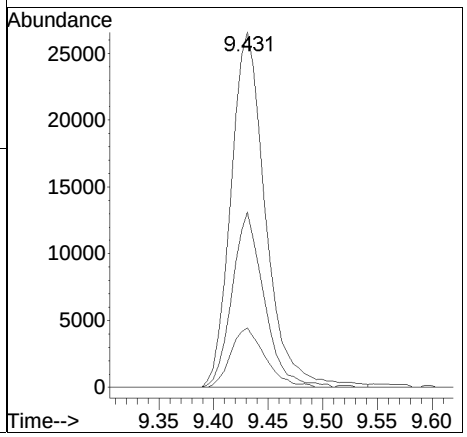


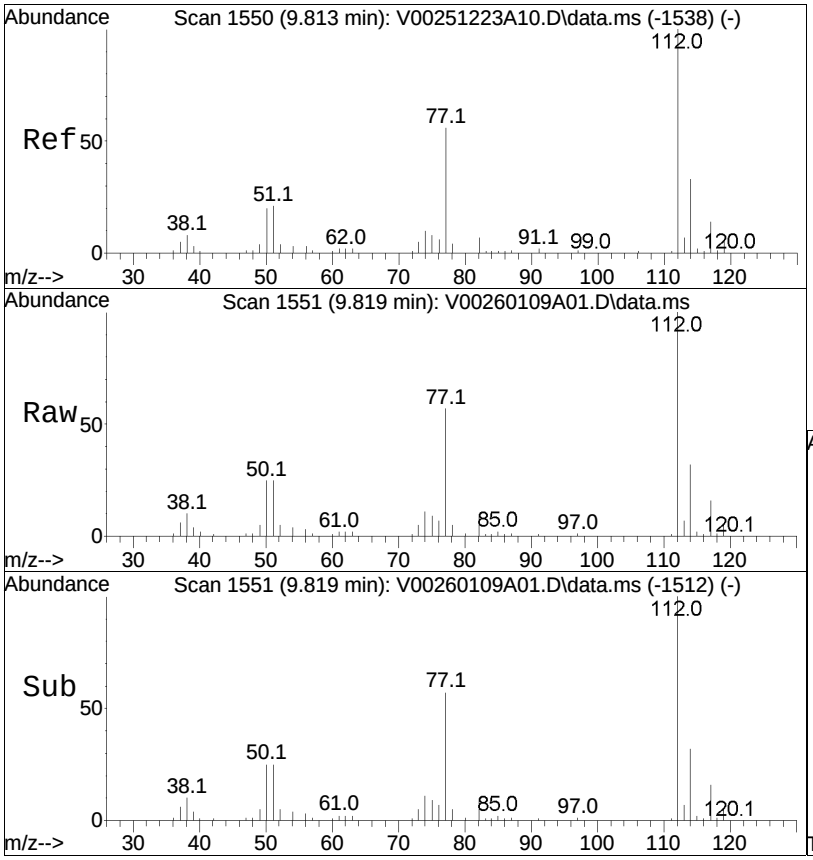


#73
2-Hexanone
Concen: 44.02 ug/L
RT: 9.431 min Scan# 1477
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 43 Resp: 58730

Ion	Ratio	Lower	Upper
43	100		
58	45.6	54.2	81.4#
57	16.7	17.8	26.6#

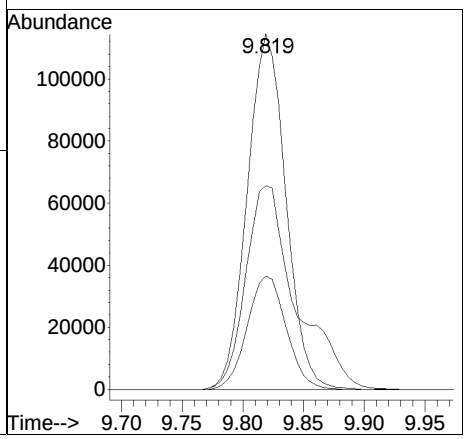


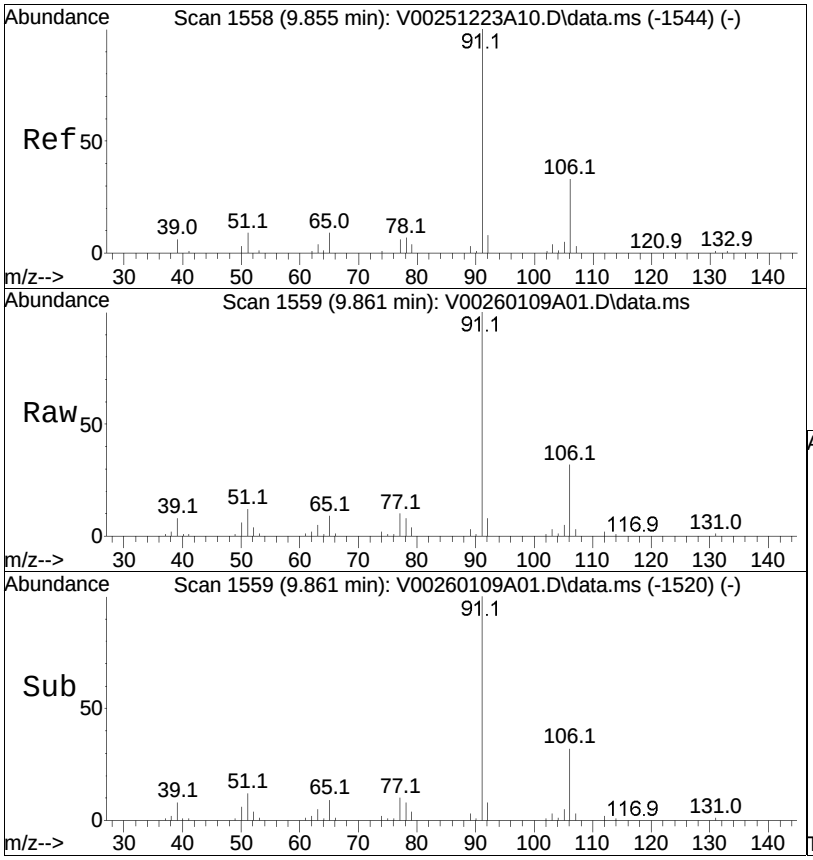


#74
Chlorobenzene
Concen: 42.57 ug/L
RT: 9.819 min Scan# 1551
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:112 Resp: 252939

Ion	Ratio	Lower	Upper
112	100		
77	74.7	57.9	86.9
114	32.2	25.7	38.5

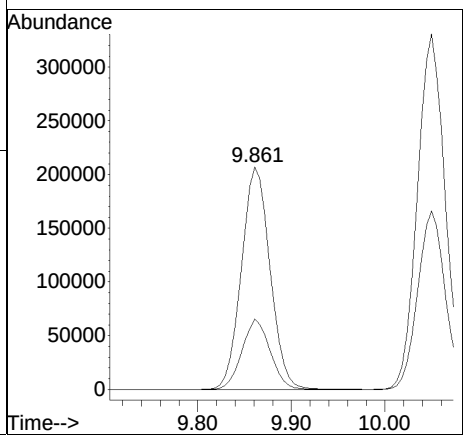


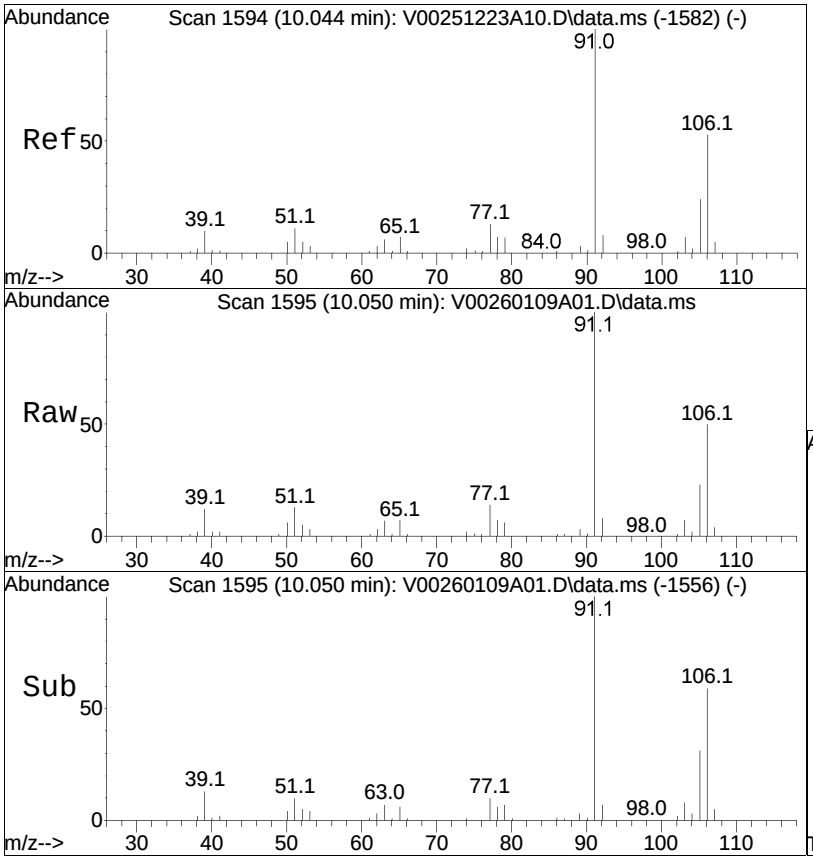


#75
Ethylbenzene
Concen: 44.62 ug/L
RT: 9.861 min Scan# 1559
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 91 Resp: 439626

Ion	Ratio	Lower	Upper
91	100		
106	31.0	25.1	37.7

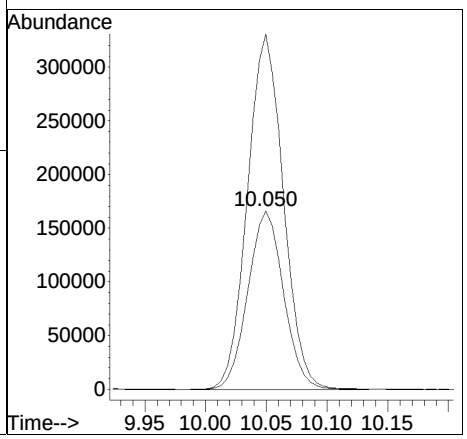


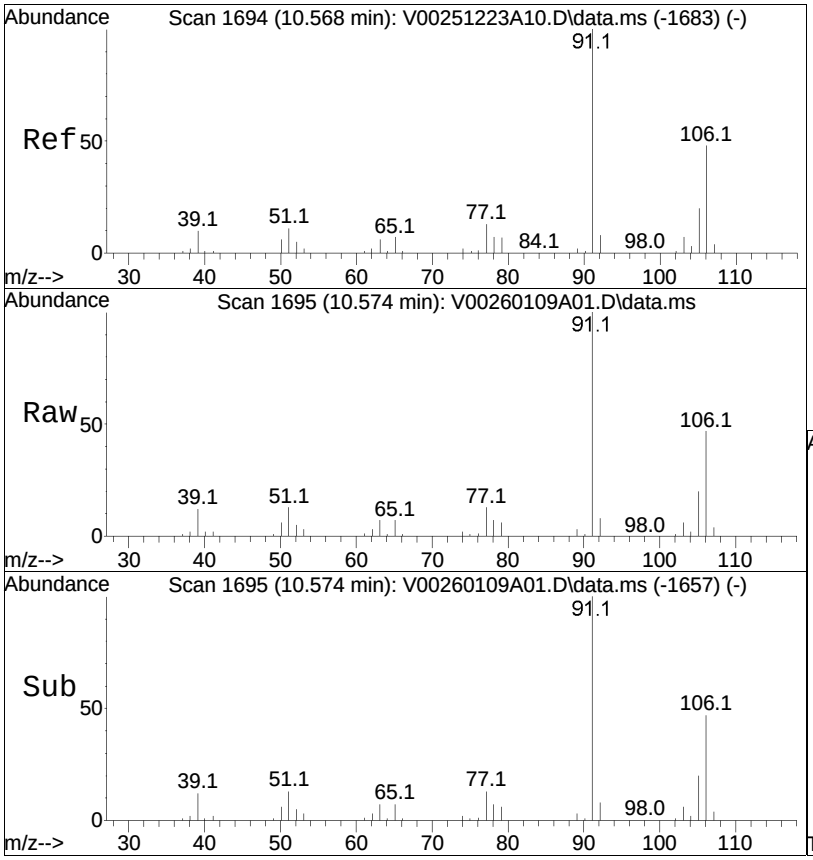


#77
p/m Xylene
Concen: 88.18 ug/L
RT: 10.050 min Scan# 1595
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:106 Resp: 339772

Ion	Ratio	Lower	Upper
106	100		
91	200.3	159.5	239.3

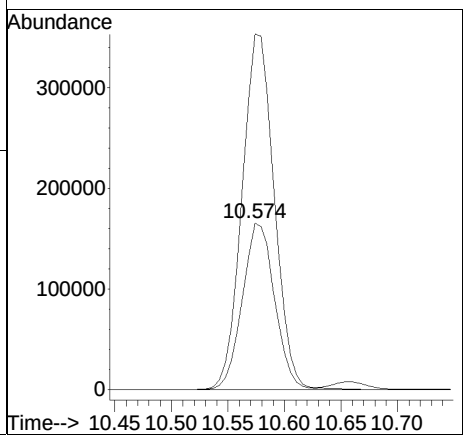


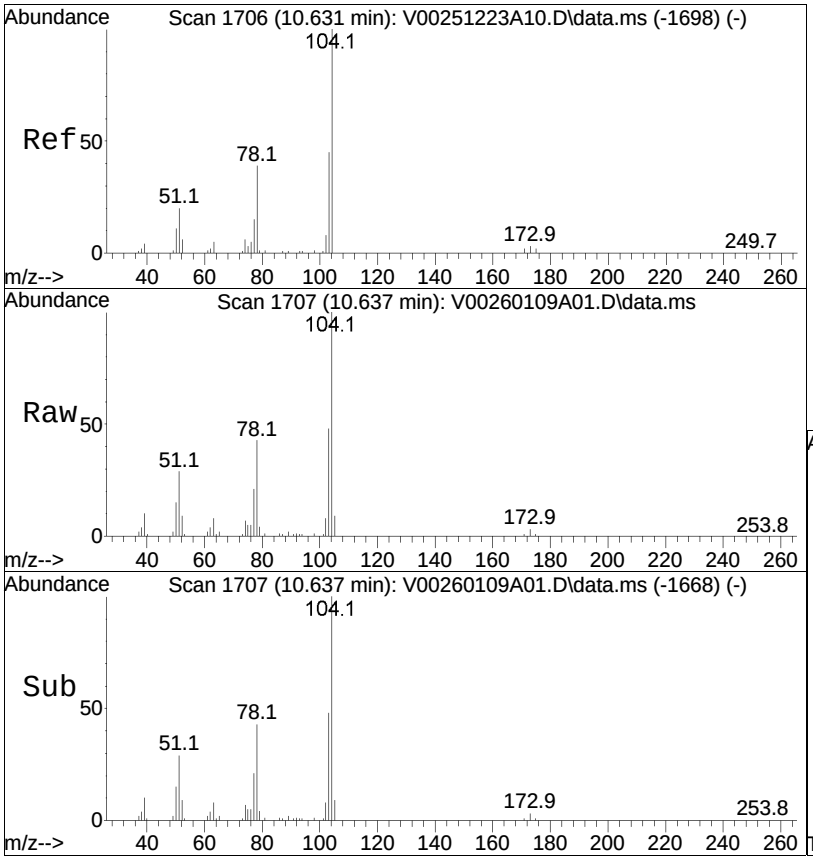


#78
o Xylene
Concen: 86.21 ug/L
RT: 10.574 min Scan# 1695
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:106 Resp: 328317

Ion	Ratio	Lower	Upper
106	100		
91	212.4	168.6	252.8

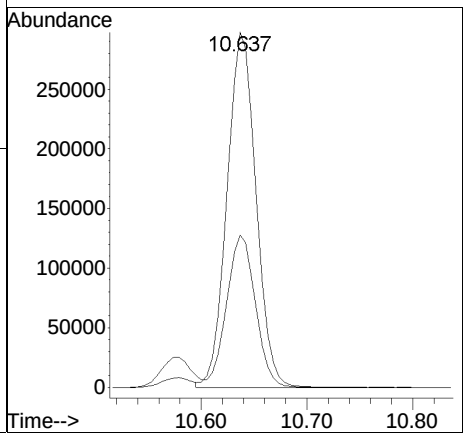


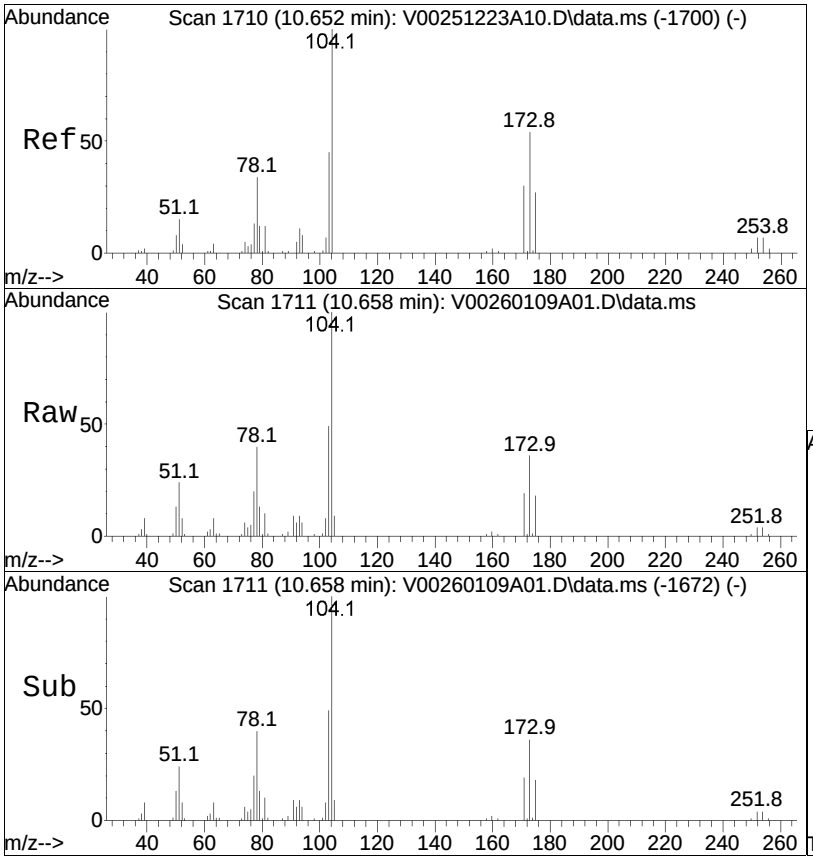


#79
Styrene
Concen: 88.41 ug/L
RT: 10.637 min Scan# 1707
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:104 Resp: 566564

Ion	Ratio	Lower	Upper
104	100		
78	42.9	33.8	50.6

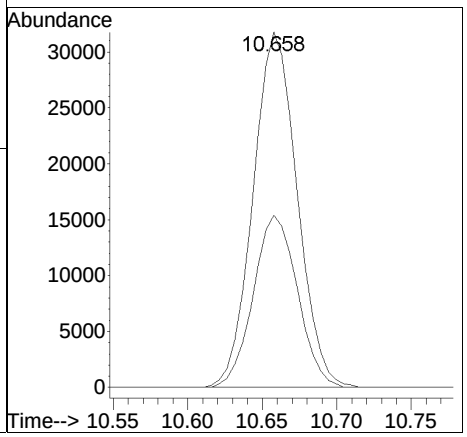


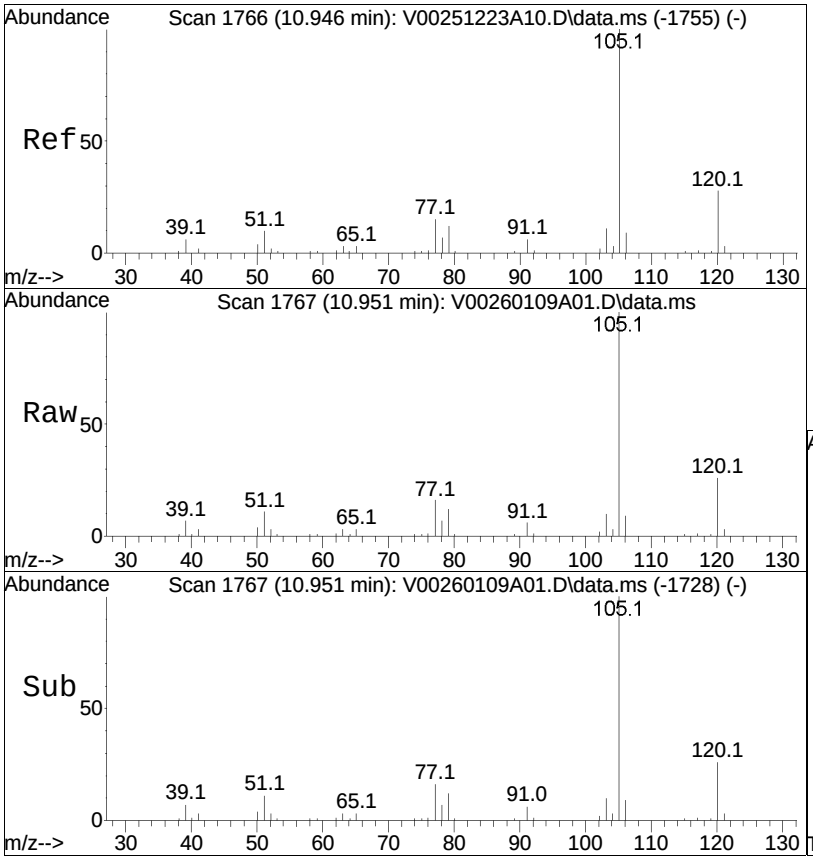


#81
Bromoform
Concen: 38.24 ug/L
RT: 10.658 min Scan# 1711
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:173 Resp: 65402

Ion	Ratio	Lower	Upper
173	100		
175	48.4	27.8	67.8

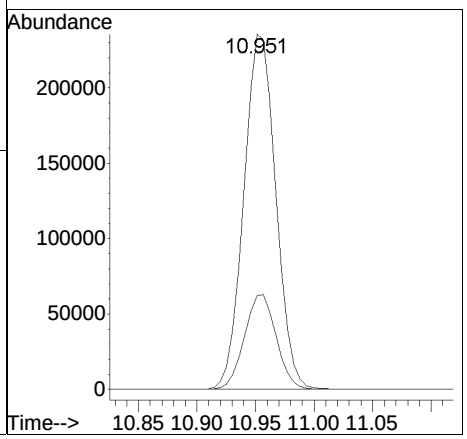


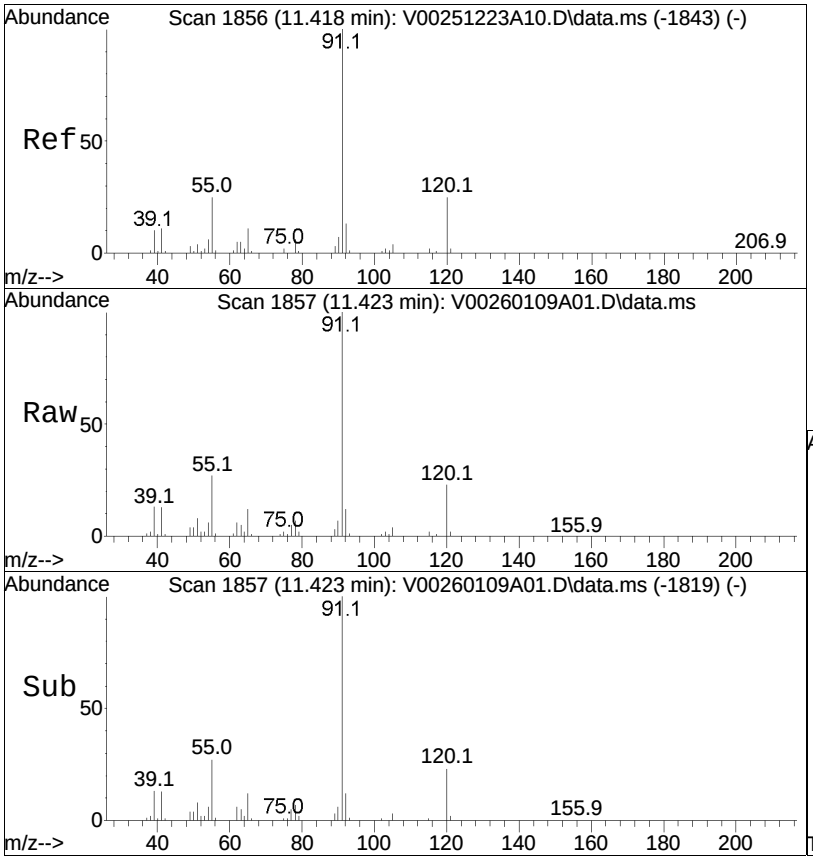


#83
Isopropylbenzene
Concen: 45.13 ug/L
RT: 10.951 min Scan# 1767
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:105 Resp: 447711

Ion	Ratio	Lower	Upper
105	100		
120	26.5	6.4	46.4

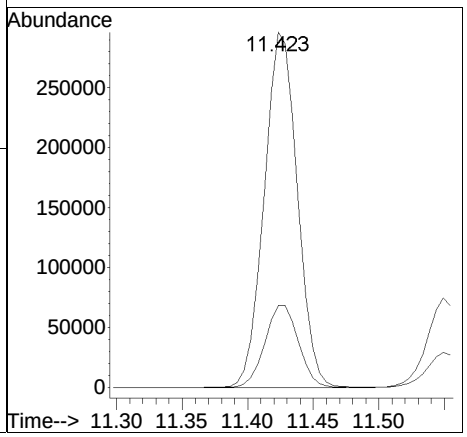


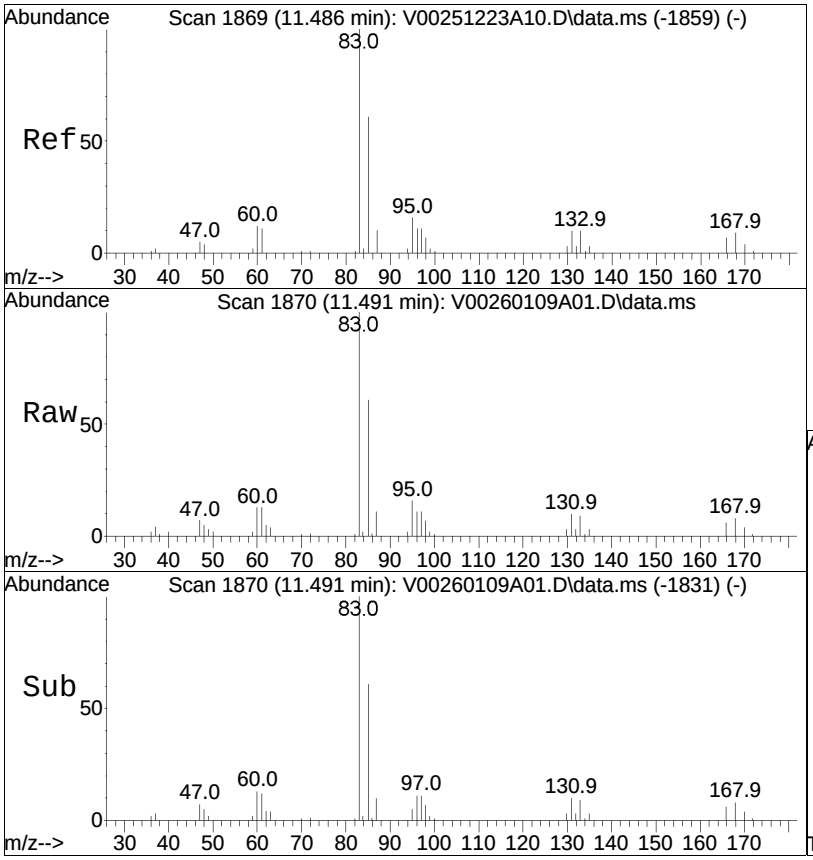


#86
n-Propylbenzene
Concen: 46.01 ug/L
RT: 11.423 min Scan# 1857
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 91 Resp: 519798

Ion	Ratio	Lower	Upper
91	100		
120	23.4	18.2	27.2

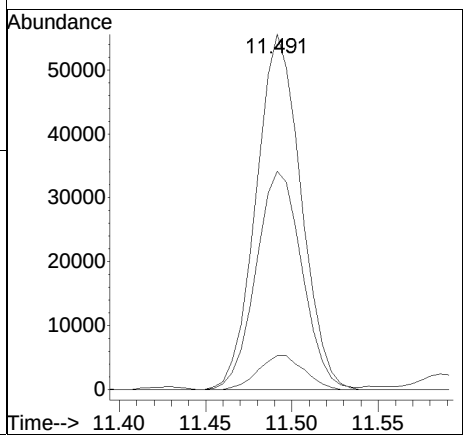


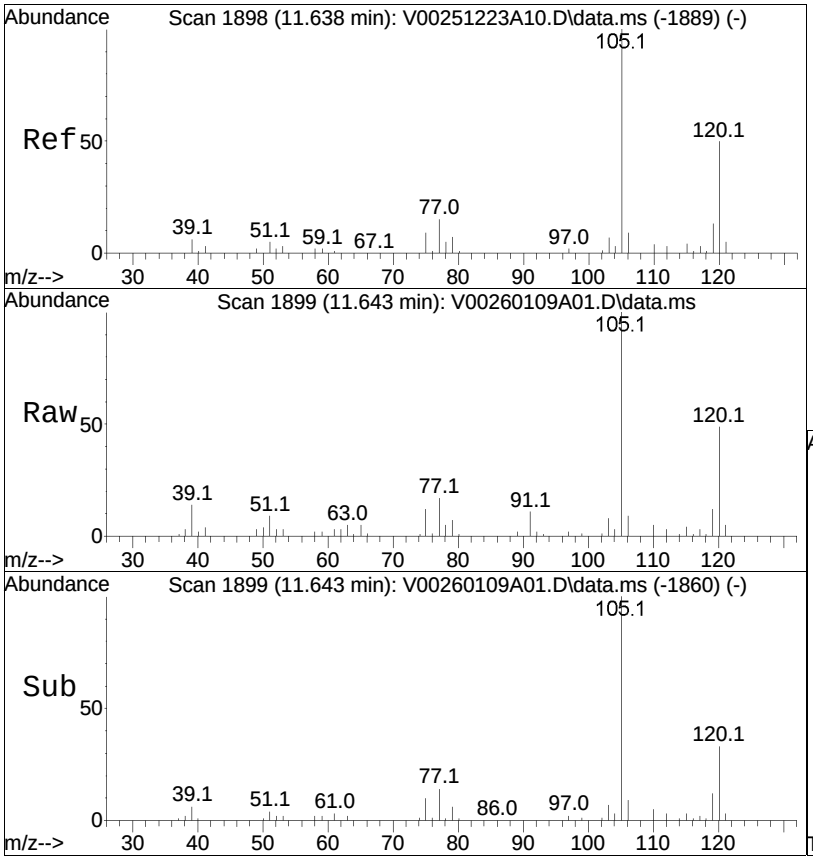


#88
1,1,2,2-Tetrachloroethane
Concen: 42.93 ug/L
RT: 11.491 min Scan# 1870
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 83 Resp: 100434

Ion	Ratio	Lower	Upper
83	100		
131	9.7	0.0	30.1
85	63.1	45.9	85.9

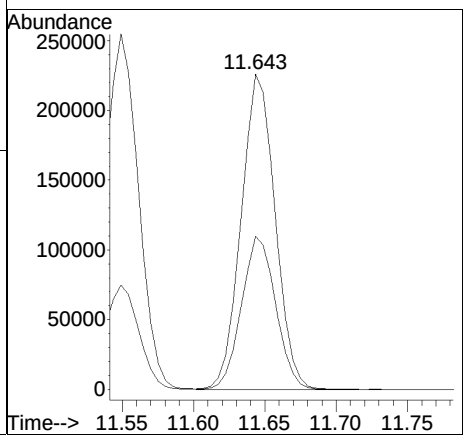


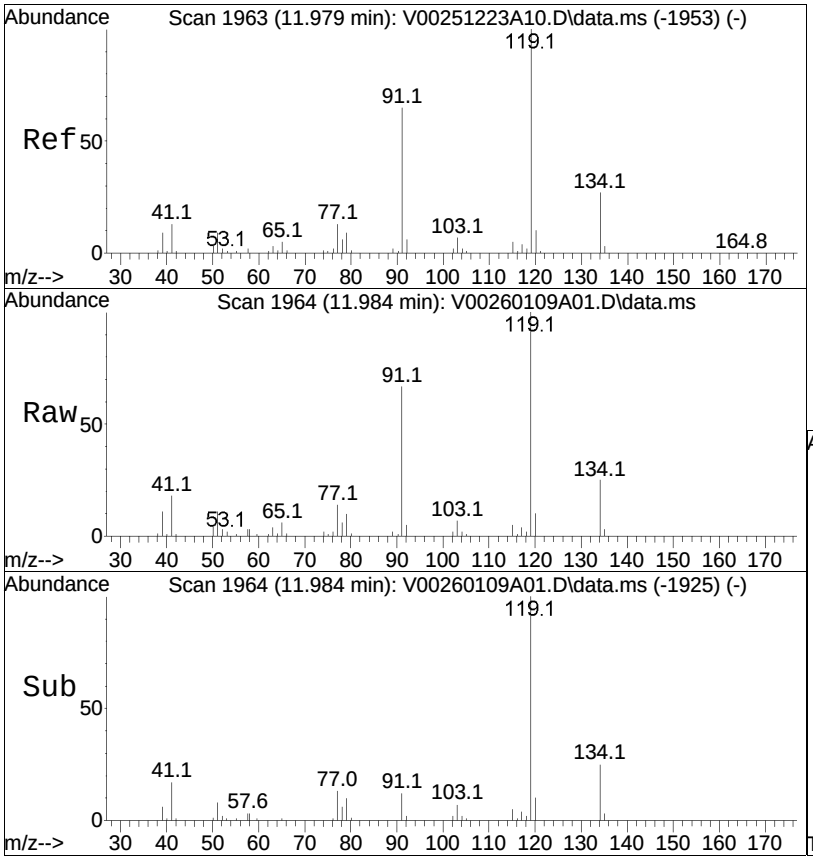


#91
1,3,5-Trimethylbenzene
Concen: 44.58 ug/L
RT: 11.643 min Scan# 1899
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:105 Resp: 374470

Ion	Ratio	Lower	Upper
105	100		
120	48.8	39.1	58.7

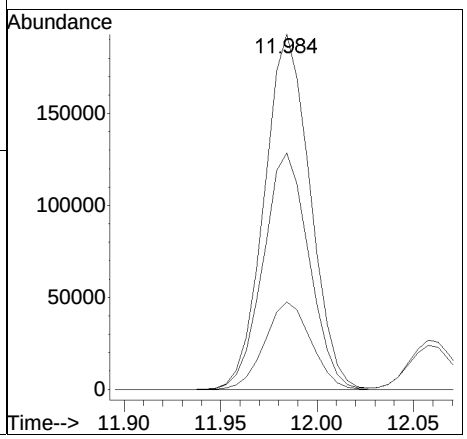


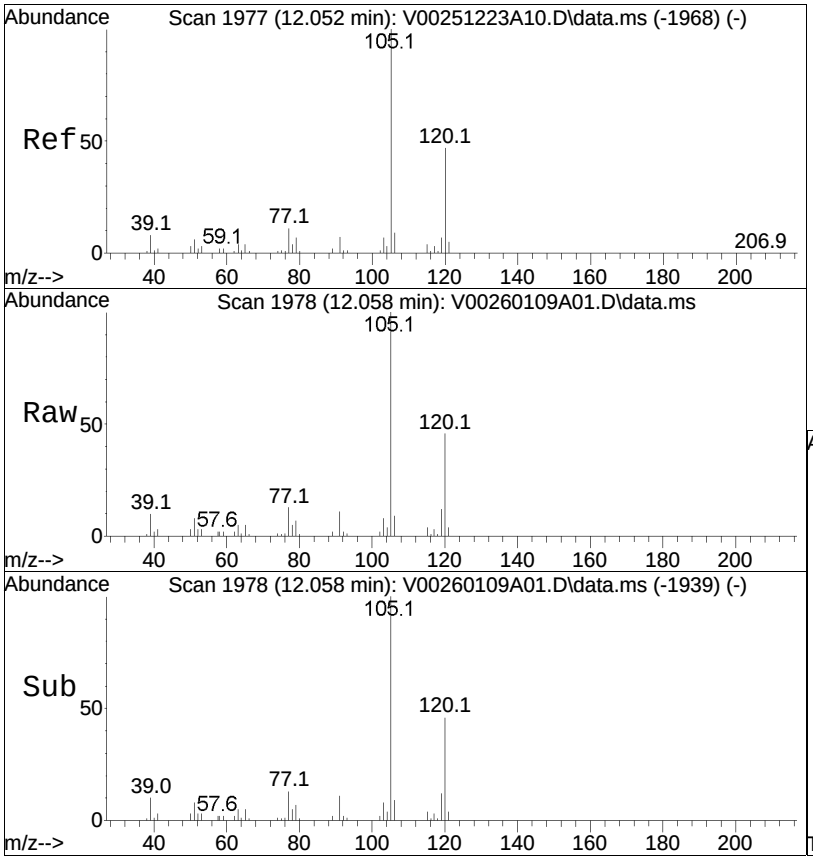


#95
tert-Butylbenzene
Concen: 43.77 ug/L
RT: 11.984 min Scan# 1964
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:119 Resp: 319370

Ion	Ratio	Lower	Upper
119	100		
91	66.8	54.8	82.2
134	24.8	20.6	30.8

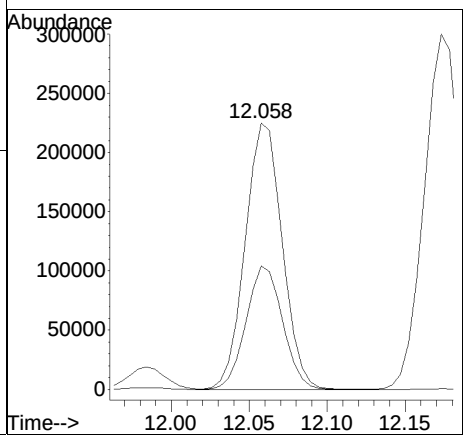


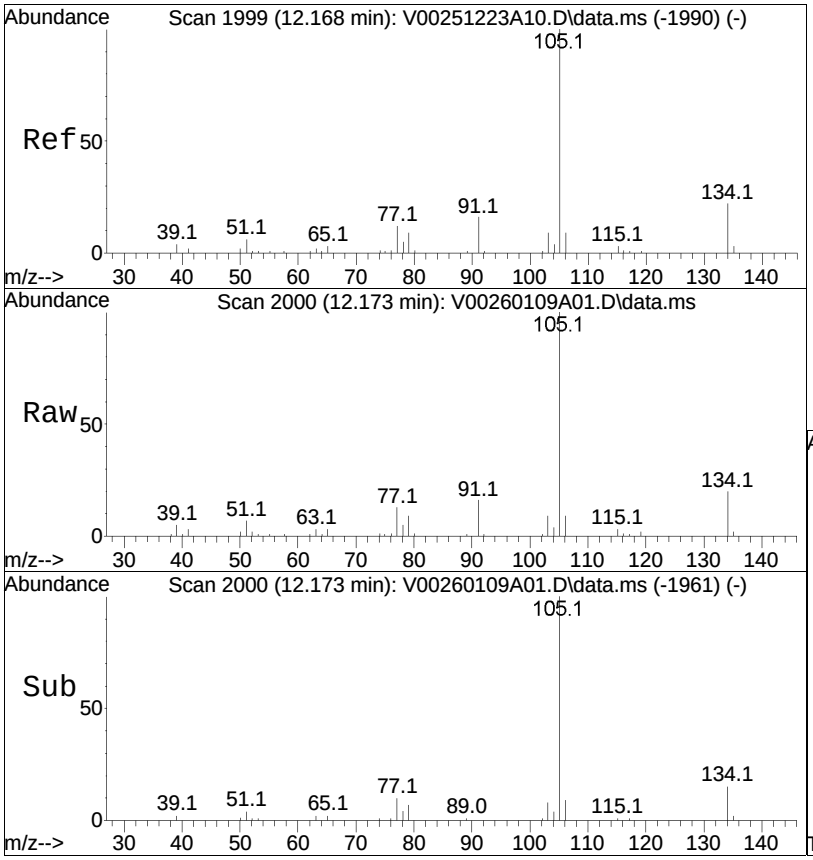


#98
1,2,4-Trimethylbenzene
Concen: 44.64 ug/L
RT: 12.058 min Scan# 1978
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:105 Resp: 371000

Ion	Ratio	Lower	Upper
105	100		
120	45.7	37.1	55.7

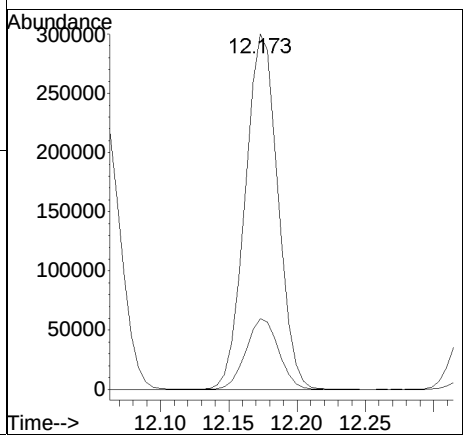


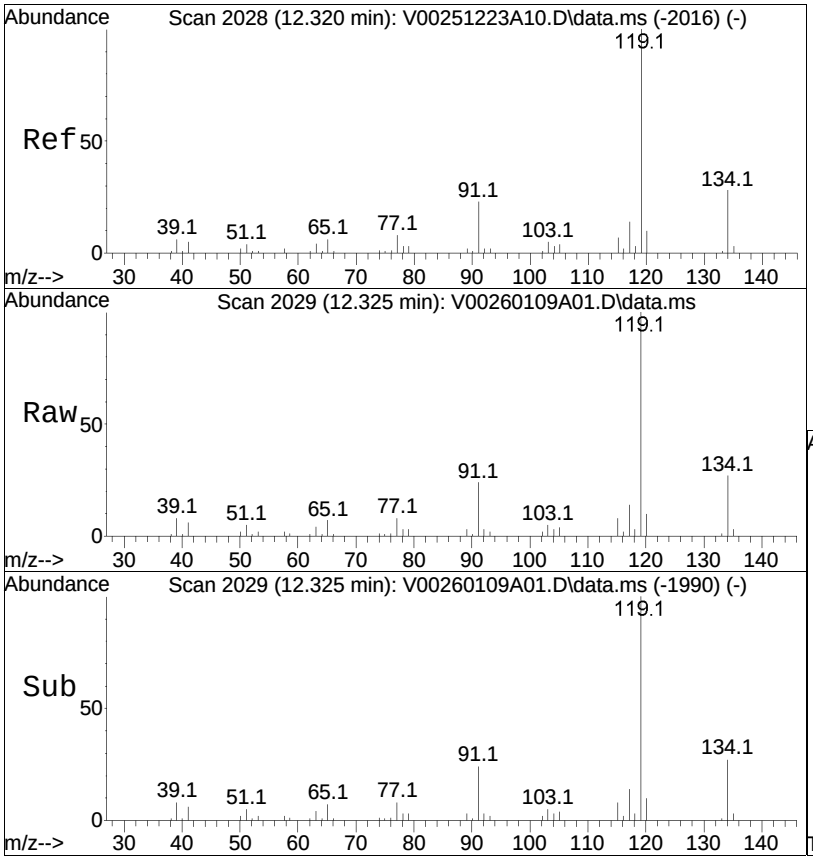


#99
sec-Butylbenzene
Concen: 46.03 ug/L
RT: 12.173 min Scan# 2000
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:105 Resp: 498964

Ion	Ratio	Lower	Upper
105	100		
134	19.9	13.5	27.9

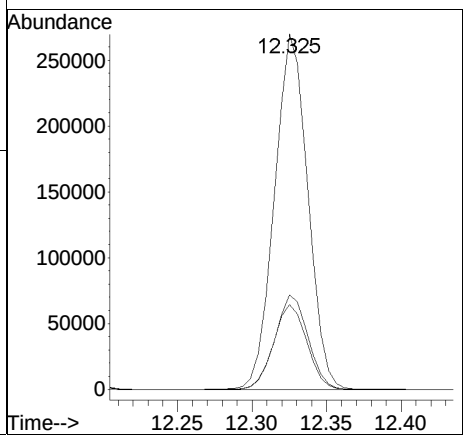


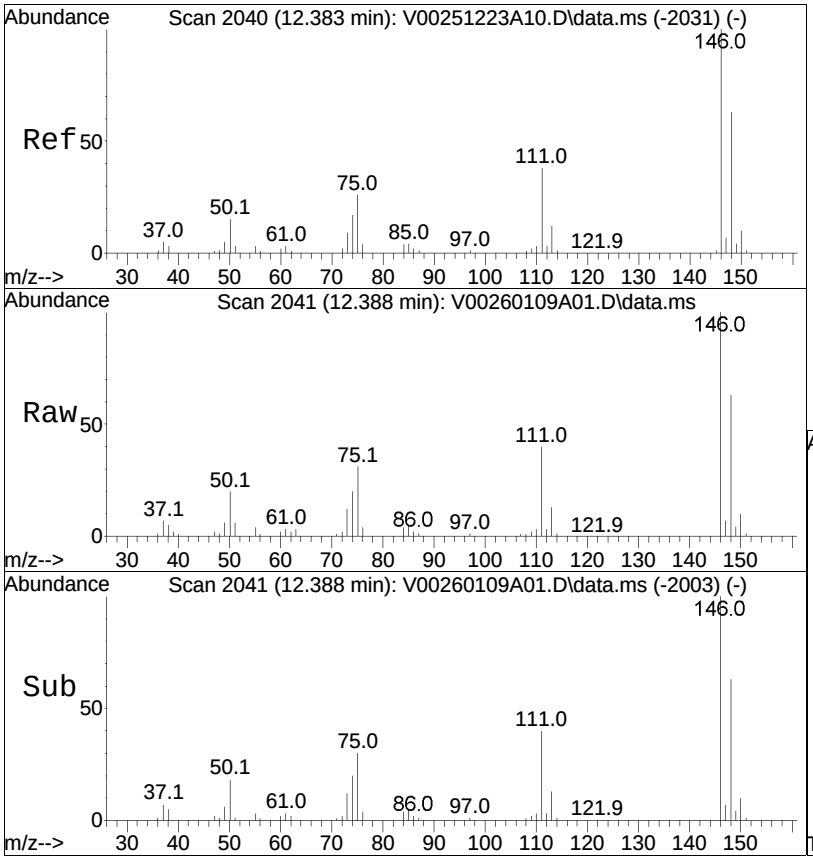


#100
p-Isopropyltoluene
Concen: 44.79 ug/L
RT: 12.325 min Scan# 2029
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:119 Resp: 419213

Ion	Ratio	Lower	Upper
119	100		
134	26.3	17.4	36.0
91	23.9	15.8	32.8

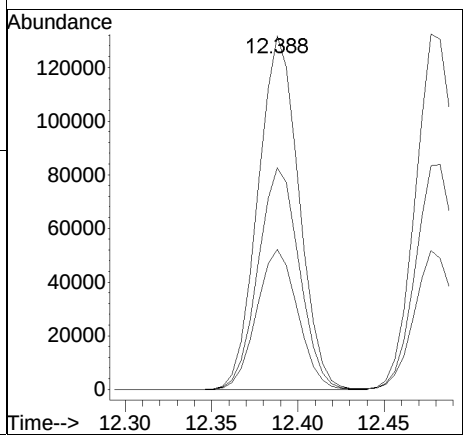


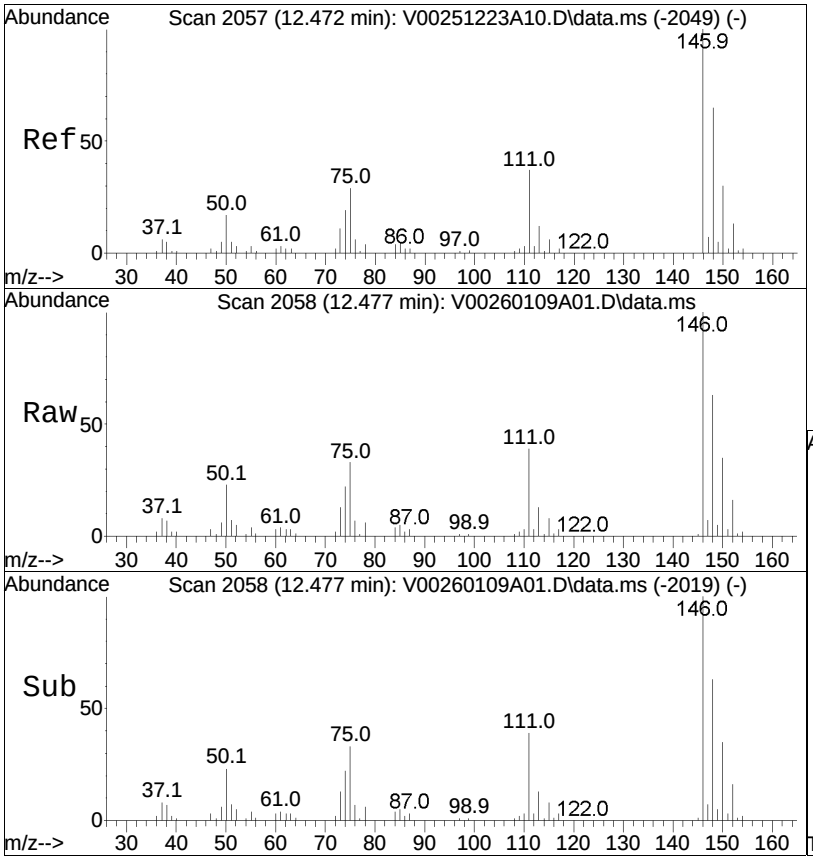


#101
1,3-Dichlorobenzene
Concen: 42.04 ug/L
RT: 12.388 min Scan# 2041
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:146 Resp: 217023

Ion	Ratio	Lower	Upper
146	100		
111	39.8	26.1	54.1
148	63.2	40.8	84.8

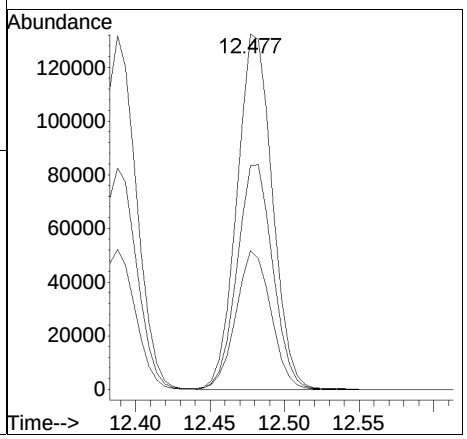


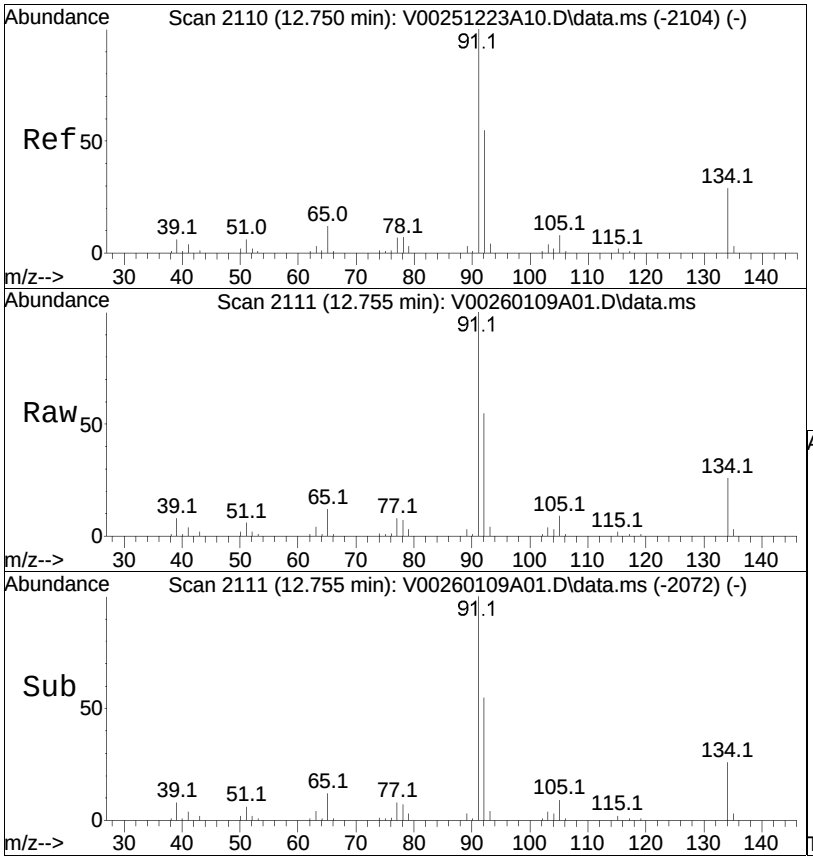


#102
1,4-Dichlorobenzene
Concen: 41.88 ug/L
RT: 12.477 min Scan# 2058
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:146 Resp: 219290

Ion	Ratio	Lower	Upper
146	100		
111	38.6	32.1	48.1
148	63.7	50.6	75.8

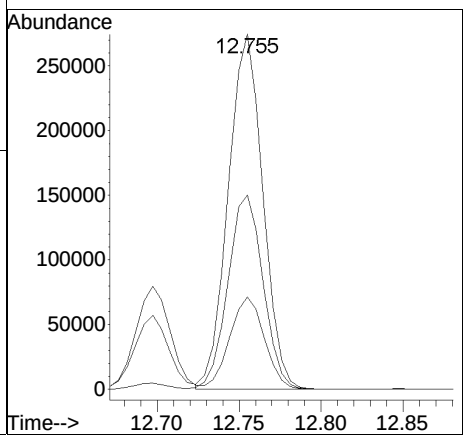


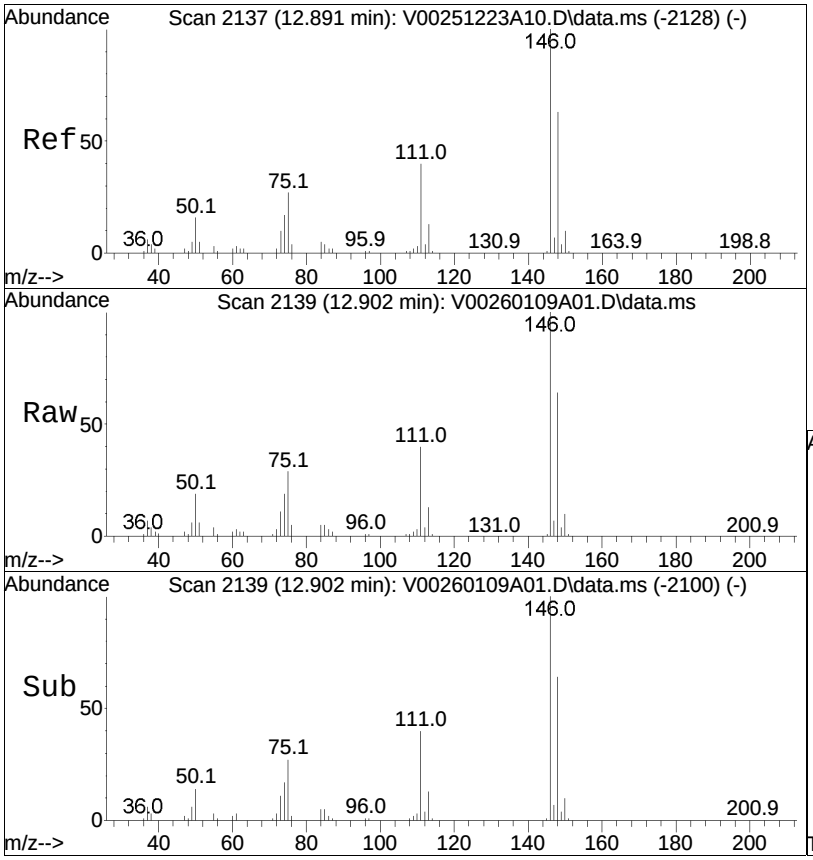


#104
n-Butylbenzene
Concen: 48.42 ug/L
RT: 12.755 min Scan# 2111
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion: 91 Resp: 403306

Ion	Ratio	Lower	Upper
91	100		
92	55.6	43.7	65.5
134	26.0	21.5	32.3

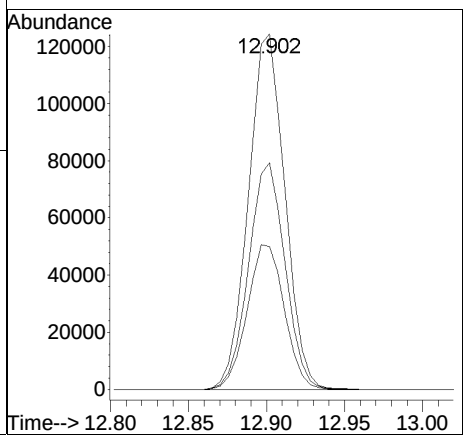


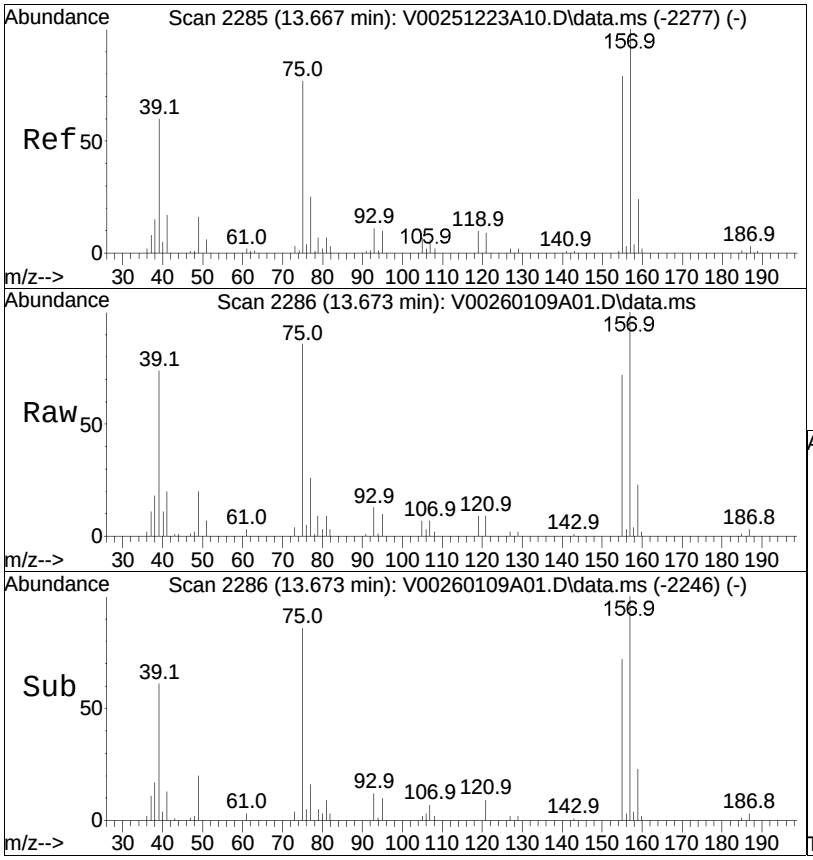


#105
1,2-Dichlorobenzene
Concen: 41.58 ug/L
RT: 12.902 min Scan# 2139
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:146 Resp: 202255

Ion	Ratio	Lower	Upper
146	100		
111	41.5	26.9	55.9
148	63.6	40.3	83.7

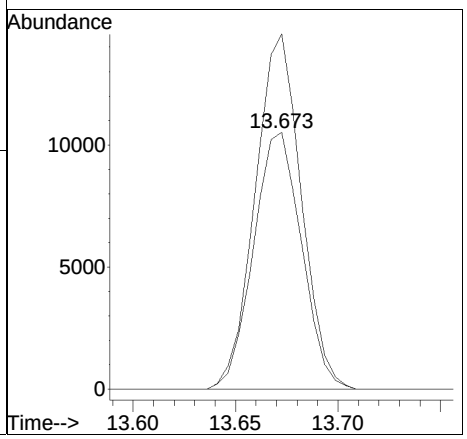


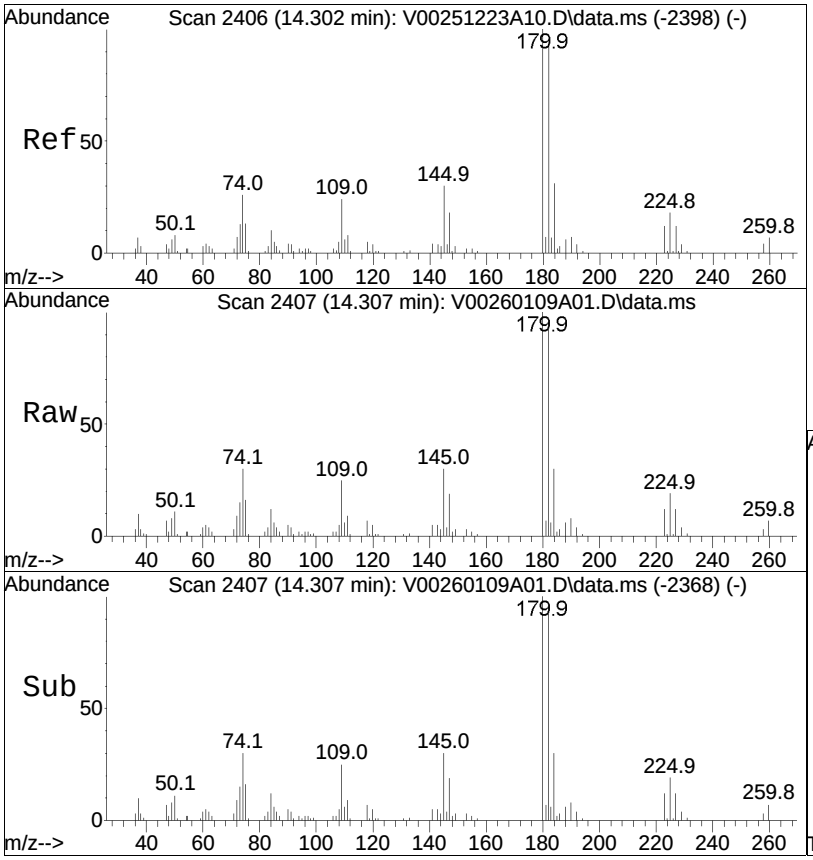


#107
1,2-Dibromo-3-chloropropane
Concen: 35.98 ug/L
RT: 13.673 min Scan# 2286
Delta R.T. 0.011 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:155 Resp: 17177

Ion	Ratio	Lower	Upper
155	100		
157	132.5	97.0	145.4

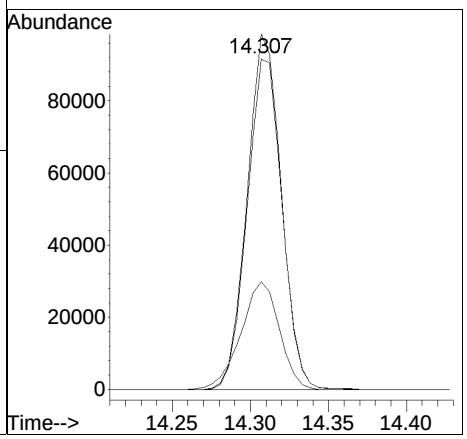


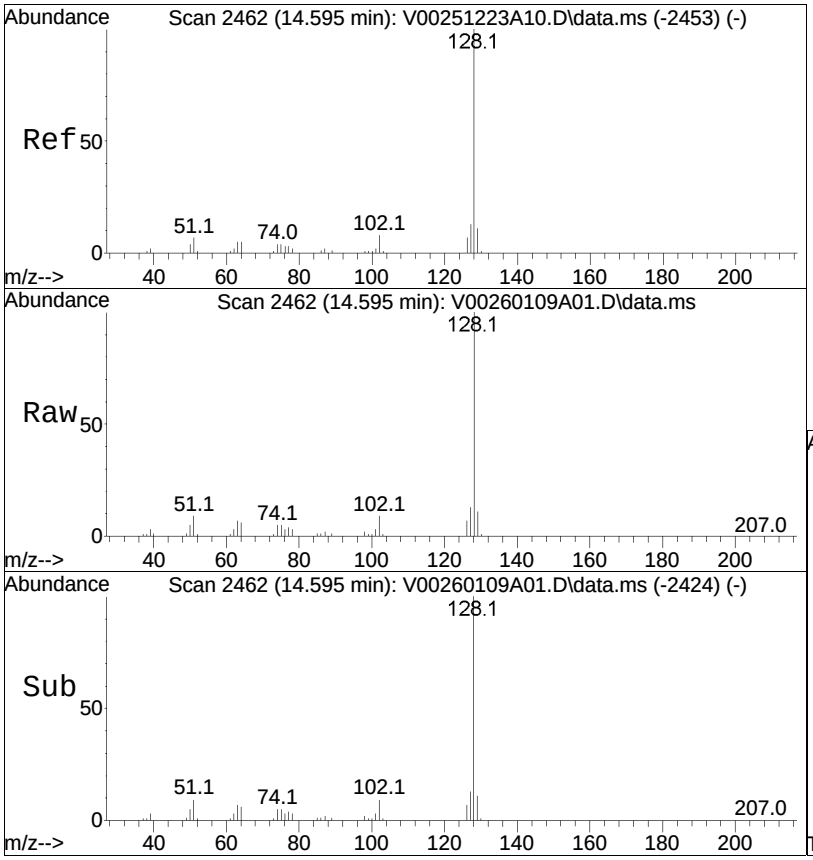


#110
1,2,4-Trichlorobenzene
Concen: 40.99 ug/L
RT: 14.307 min Scan# 2407
Delta R.T. 0.005 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:180 Resp: 149810

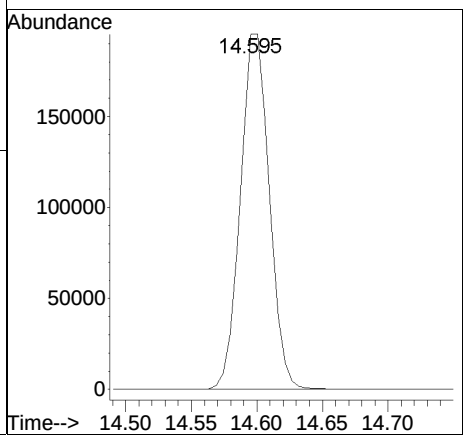
Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.8	113.6
145	34.1	29.2	43.8





#111
Naphthalene
Concen: 40.53 ug/L
RT: 14.595 min Scan# 2462
Delta R.T. 0.000 min
Lab File: V00260109A01.D
Acq: 09 Jan 2026 08:30 am

Tgt Ion:128 Resp: 300206



Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B01.D
Acq On : 12 Jan 2026 10:34 am
Operator : VOA104:AJK
Sample : WG2164207-3,31H,15,15,0.100
Misc : WG2164207,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 12 11:09:52 2026
Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2026\260112B\V04260112B01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.377	96	342554	20.000	ug/L	0.00
Standard Area 1 = 342554			Recovery = 100.00%			
59) Chlorobenzene-d5	8.838	117	240588	20.000	ug/L	0.00
Standard Area 1 = 240588			Recovery = 100.00%			
79) 1,4-Dichlorobenzene-d4	11.674	152	123411	20.000	ug/L	0.00
Standard Area 1 = 123411			Recovery = 100.00%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.612	113	88004	17.911	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 89.56%			
43) 1,2-Dichloroethane-d4	5.110	65	70065	16.061	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 80.31%			
60) Toluene-d8	7.024	98	328700	21.255	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 106.27%			
83) 4-Bromofluorobenzene	10.395	95	118566	22.300	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 111.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.408	85	223977	35.870	ug/L	97
3) Chloromethane	1.571	50	226611	35.265	ug/L	100
4) Vinyl chloride	1.628	62	242274	38.476	ug/L	98
5) Bromomethane	1.885	94	180770	51.112	ug/L	96
6) Chloroethane	1.985	64	140993	38.645	ug/L	98
7) Trichlorofluoromethane	2.100	101	322259	43.238	ug/L	99
10) 1,1-Dichloroethene	2.525	96	202599	47.384	ug/L	81
11) Carbon disulfide	2.551	76	703418	44.840	ug/L	99
12) Freon-113	2.556	101	205567	48.525	ug/L #	73
15) Methylene chloride	3.028	84	222907	41.404	ug/L	82
17) Acetone	3.065	43	30903	17.352	ug/L #	85
18) trans-1,2-Dichloroethene	3.165	96	214443	44.769	ug/L	87
19) Methyl acetate	3.170	43	65520	36.539	ug/L #	86
20) Methyl tert-butyl ether	3.243	73	515753	43.424	ug/L	89
23) 1,1-Dichloroethane	3.699	63	359675	40.077	ug/L	97
28) cis-1,2-Dichloroethene	4.187	96	228032	42.132	ug/L	84
31) Cyclohexane	4.355	56	298576	40.920	ug/L	79
32) Chloroform	4.439	83	359415	42.286	ug/L	96
34) Carbon tetrachloride	4.554	117	280493	40.753	ug/L	100
37) 1,1,1-Trichloroethane	4.617	97	306349	42.826	ug/L	95

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B01.D
Acq On : 12 Jan 2026 10:34 am
Operator : VOA104:AJK
Sample : WG2164207-3,31H,15,15,0.100
Misc : WG2164207,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 12 11:09:52 2026
Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2026\260112B\V04260112B01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) 2-Butanone	4.722	43	41145	32.833	ug/L	#	61
41) Benzene	4.968	78	745895	44.336	ug/L		94
44) 1,2-Dichloroethane	5.173	62	207745	34.873	ug/L		98
47) Methyl cyclohexane	5.519	83	338296	48.003	ug/L	#	78
48) Trichloroethene	5.550	95	212612	47.496	ug/L		96
51) 1,2-Dichloropropane	6.069	63	189550	38.875	ug/L		97
54) Bromodichloromethane	6.158	83	270729	40.709	ug/L		100
58) cis-1,3-Dichloropropene	6.830	75	316028	44.033	ug/L	#	88
61) Toluene	7.076	92	466745	45.457	ug/L		98
62) 4-Methyl-2-pentanone	7.522	58	46845	41.628	ug/L		92
63) Tetrachloroethene	7.511	166	226846	46.608	ug/L		100
65) trans-1,3-Dichloropropene	7.569	75	258588	46.410	ug/L		89
68) 1,1,2-Trichloroethane	7.747	83	132166	43.391	ug/L		98
69) Chlorodibromomethane	7.952	129	195917	41.604	ug/L		100
71) 1,2-Dibromoethane	8.214	107	156542	46.685	ug/L		98
72) 2-Hexanone	8.523	43	68289	35.658	ug/L		94
73) Chlorobenzene	8.853	112	530032	45.986	ug/L		99
74) Ethylbenzene	8.895	91	902644	48.972	ug/L		98
76) p/m Xylene	9.079	106	669135	95.620	ug/L		96
77) o Xylene	9.624	106	661261	93.160	ug/L		96
78) Styrene	9.697	104	1049596	91.376	ug/L		99
80) Bromoform	9.724	173	119092	40.865	ug/L		100
82) Isopropylbenzene	10.033	105	864482	48.635	ug/L		99
85) n-Propylbenzene	10.557	91	1039756	51.220	ug/L		97
87) 1,1,2,2-Tetrachloroethane	10.673	83	181759	44.092	ug/L		99
90) 1,3,5-Trimethylbenzene	10.804	105	700890	47.909	ug/L		99
94) tert-Butylbenzene	11.160	119	593141	46.648	ug/L		98
97) 1,2,4-Trimethylbenzene	11.244	105	687825	46.660	ug/L		99
98) sec-Butylbenzene	11.360	105	926366	49.718	ug/L		97
99) p-Isopropyltoluene	11.527	119	769035	47.736	ug/L		98
100) 1,3-Dichlorobenzene	11.585	146	393829	45.049	ug/L		99
101) 1,4-Dichlorobenzene	11.685	146	397181	43.696	ug/L		99
103) n-Butylbenzene	11.973	91	743911	51.766	ug/L		98
104) 1,2-Dichlorobenzene	12.120	146	365196	43.491	ug/L		98
106) 1,2-Dibromo-3-chloropr...	12.927	155	27768	41.243	ug/L		99
109) 1,2,4-Trichlorobenzene	13.562	180	266631	48.166	ug/L		99
110) Naphthalene	13.855	128	443511	44.337	ug/L		100

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

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B01.D
Acq On : 12 Jan 2026 10:34 am
Operator : VOA104:AJK
Sample : WG2164207-3,31H,15,15,0.100
Misc : WG2164207,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 12 11:09:52 2026
Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2026\260112B\V04260112B01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

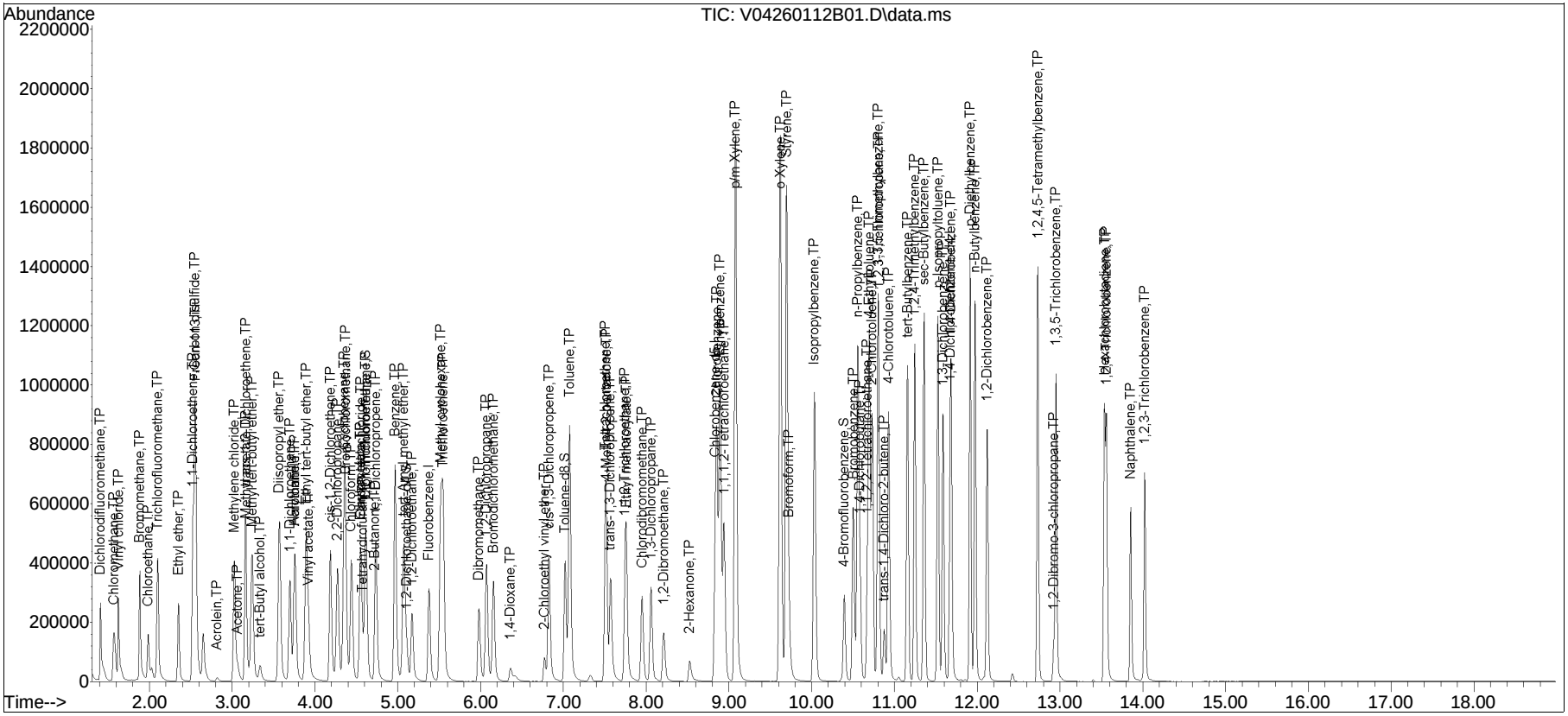
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

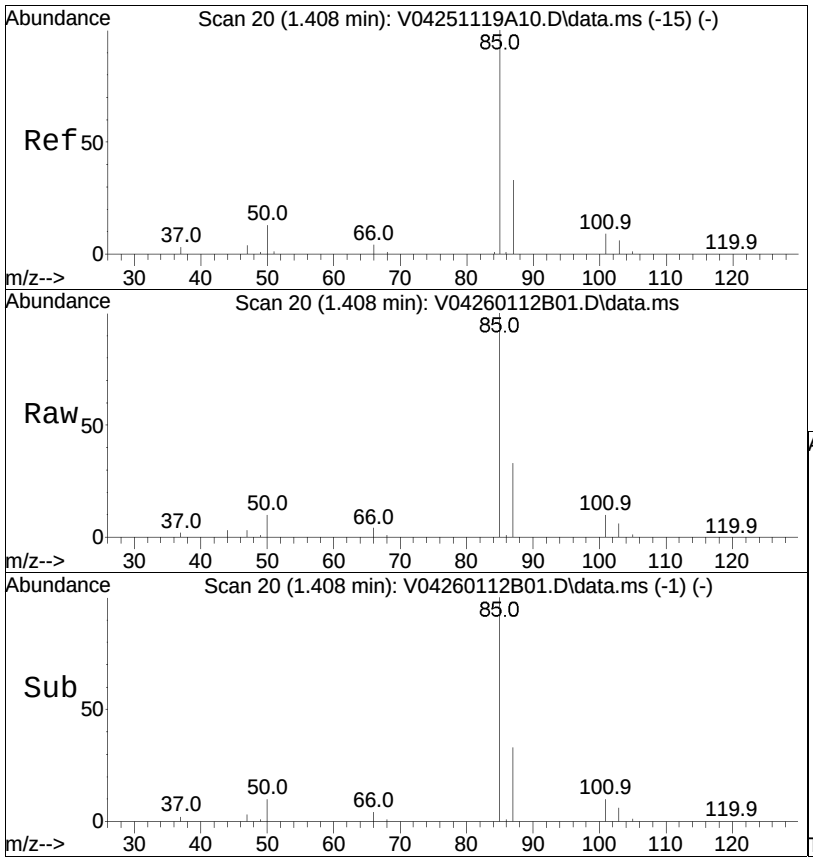
Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B01.D
Acq On : 12 Jan 2026 10:34 am
Operator : VOA104:AJK
Sample : WG2164207-3,31H,15,15,0.100
Misc : WG2164207,ICAL22828
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 12 11:09:52 2026
Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox12B01.D•

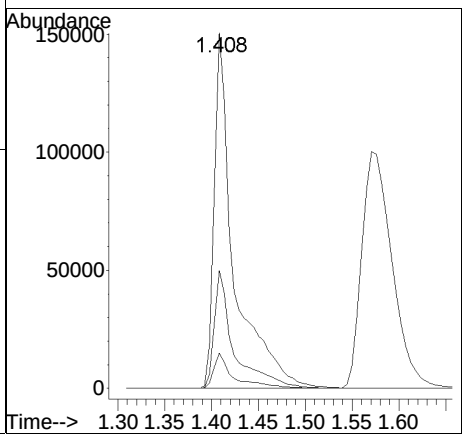


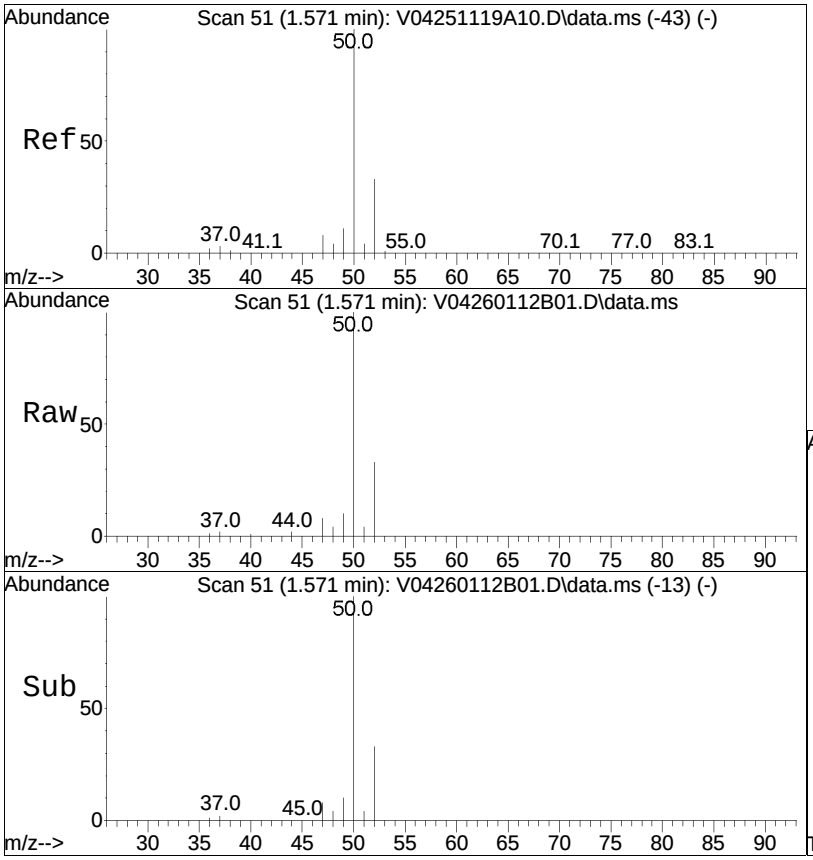


#2
Dichlorodifluoromethane
Concen: 35.87 ug/L
RT: 1.408 min Scan# 20
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 85 Resp: 223977

Ion	Ratio	Lower	Upper
85	100		
87	32.9	20.9	43.5
50	9.9	8.1	16.9

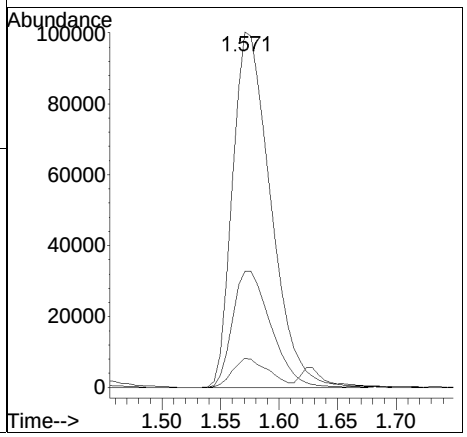


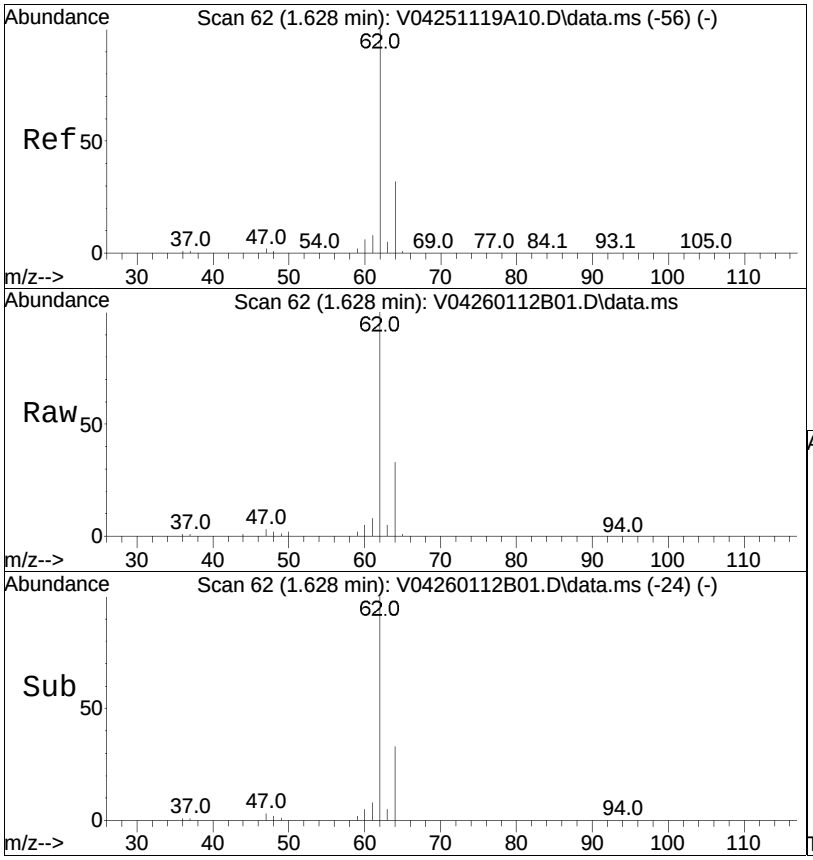


#3
Chloromethane
Concen: 35.26 ug/L
RT: 1.571 min Scan# 51
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 50 Resp: 226611

Ion	Ratio	Lower	Upper
50	100		
52	33.2	13.0	53.0
47	7.8	0.0	28.2

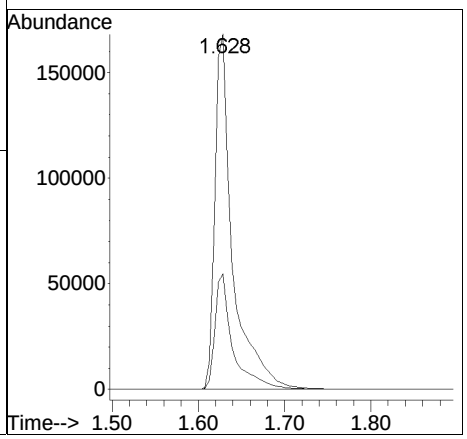


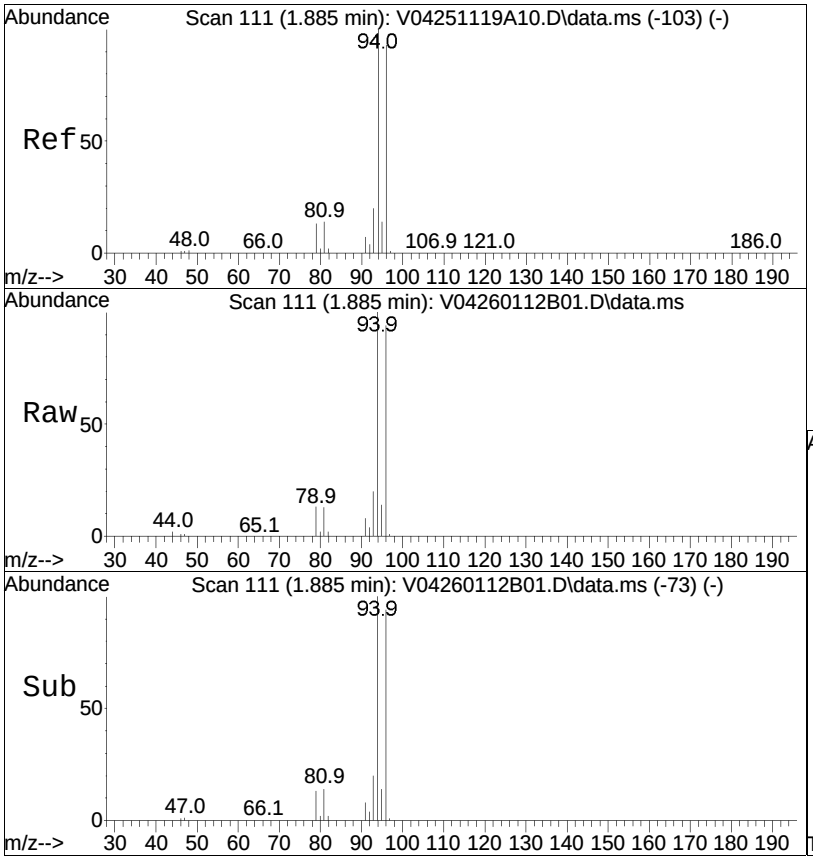


#4
Vinyl chloride
Concen: 38.48 ug/L
RT: 1.628 min Scan# 62
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 62 Resp: 242274

Ion	Ratio	Lower	Upper
62	100		
64	32.7	11.6	51.6

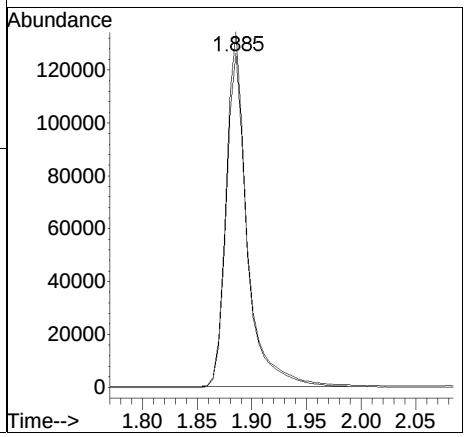


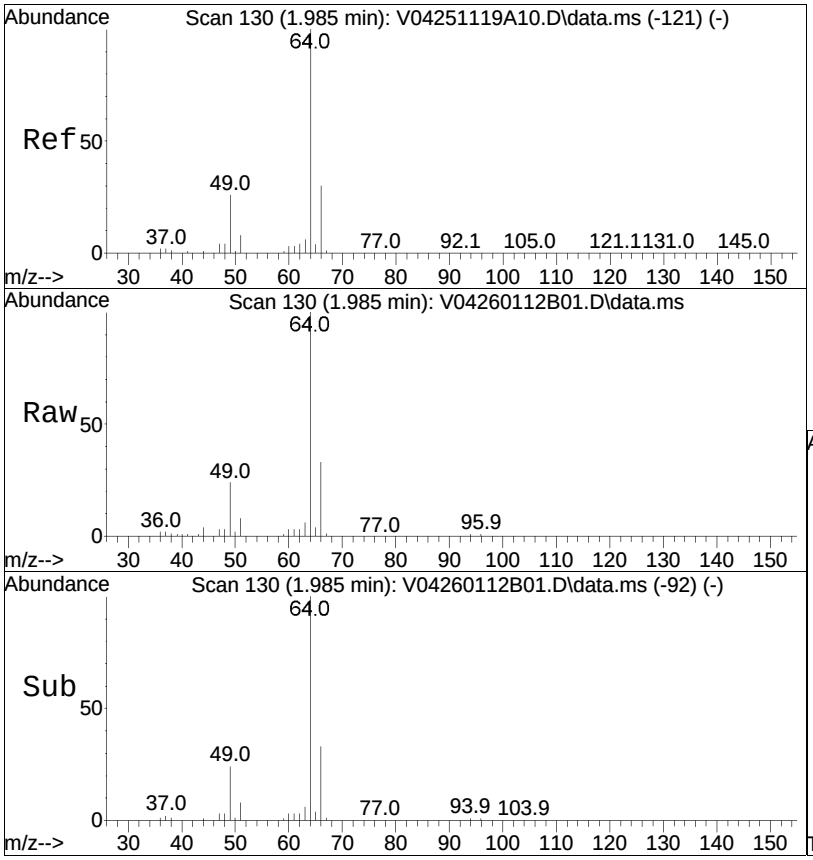


#5
Bromomethane
Concen: 51.11 ug/L
RT: 1.885 min Scan# 111
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 94 Resp: 180770

Ion	Ratio	Lower	Upper
94	100		
96	94.9	71.0	111.0

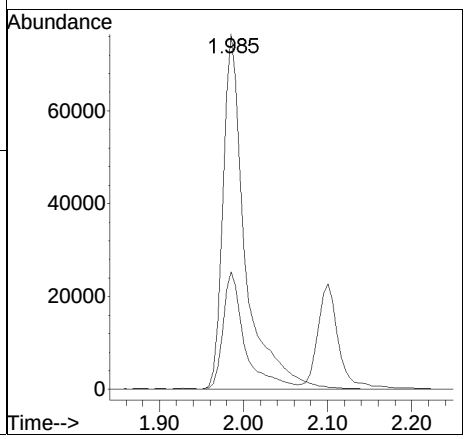


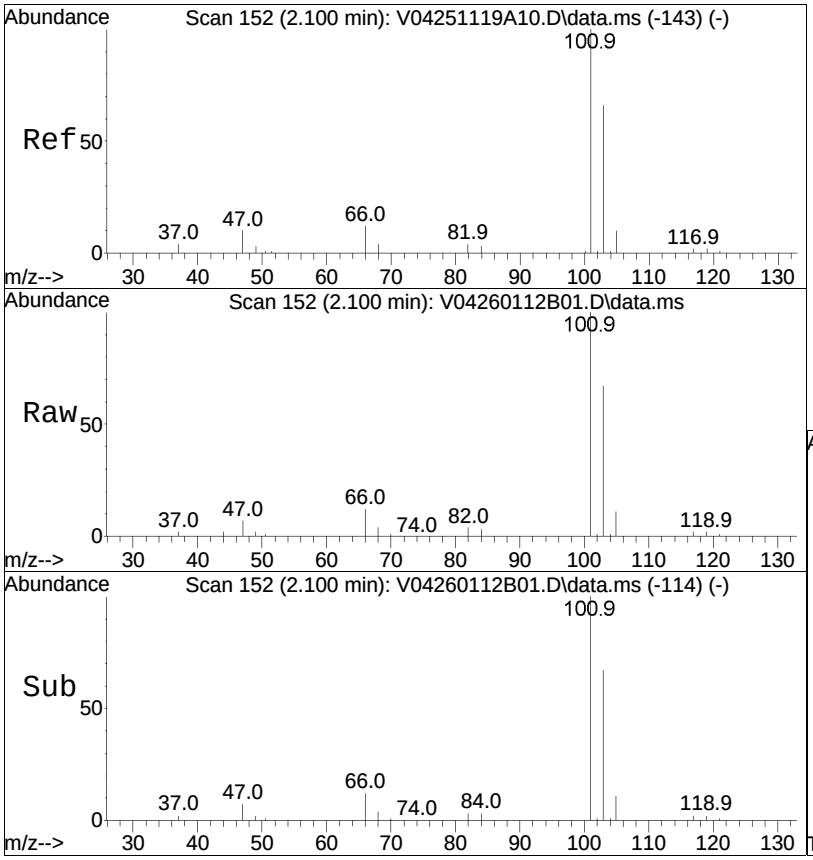


#6
Chloroethane
Concen: 38.65 ug/L
RT: 1.985 min Scan# 130
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 64 Resp: 140993

Ion	Ratio	Lower	Upper
64	100		
66	32.7	13.7	53.7

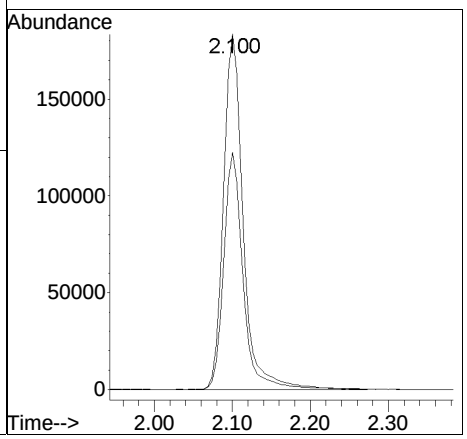


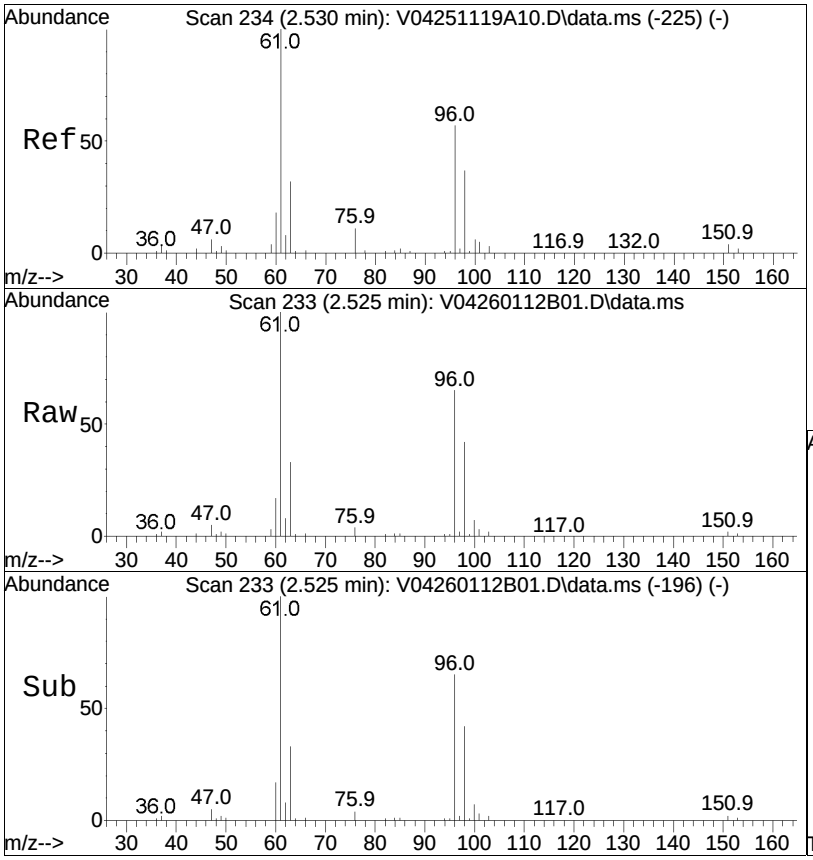


#7
Trichlorofluoromethane
Concen: 43.24 ug/L
RT: 2.100 min Scan# 152
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion:101 Resp: 322259

Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.7	77.5

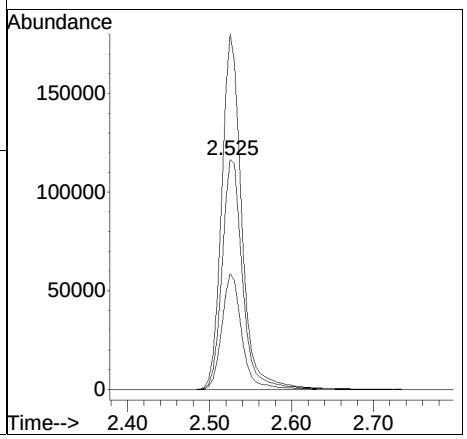


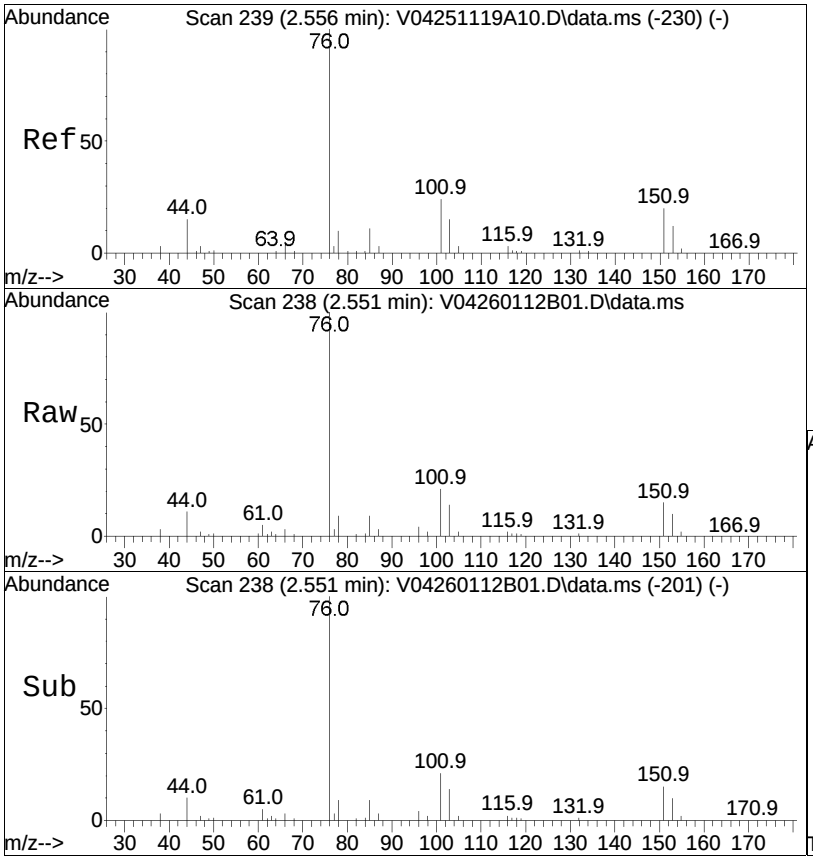


#10
1,1-Dichloroethene
Concen: 47.38 ug/L
RT: 2.525 min Scan# 233
Delta R.T. -0.005 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 96 Resp: 202599

Ion	Ratio	Lower	Upper
96	100		
61	151.0	145.8	218.6
63	49.1	46.6	69.8

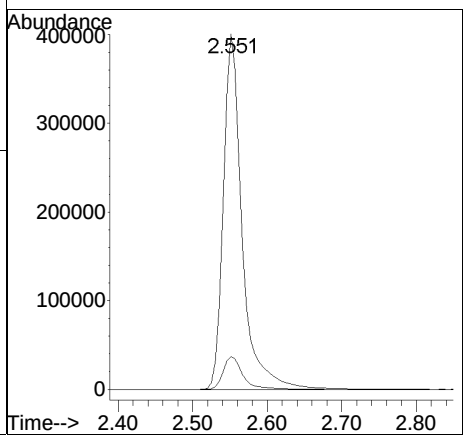


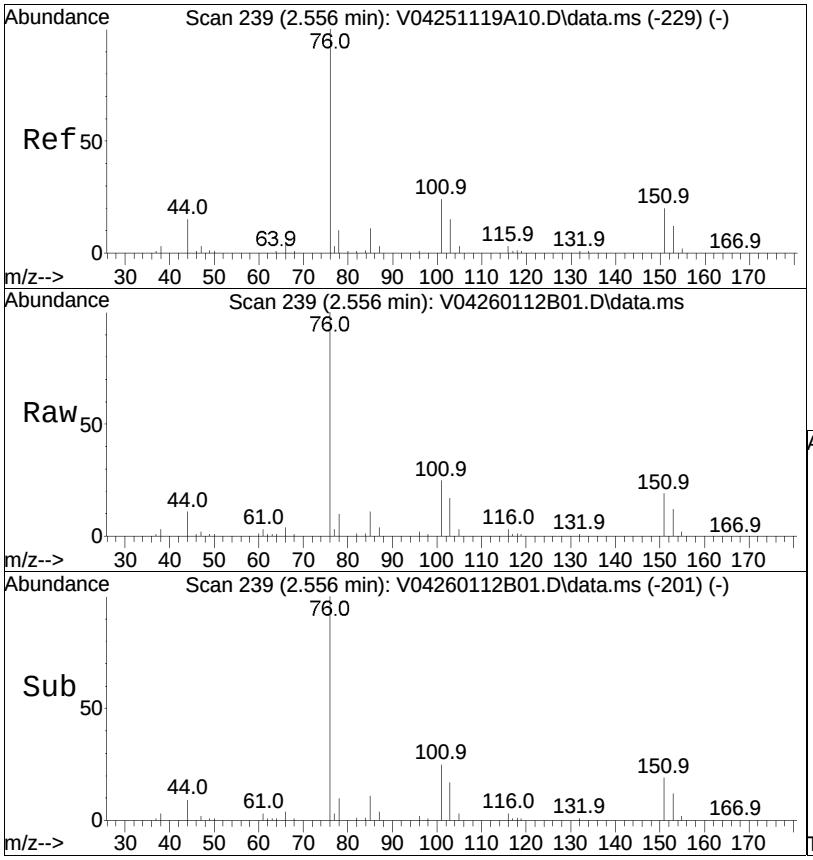


#11
Carbon disulfide
Concen: 44.84 ug/L
RT: 2.551 min Scan# 238
Delta R.T. -0.005 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 76 Resp: 703418

Ion	Ratio	Lower	Upper
76	100		
78	9.7	6.6	13.8

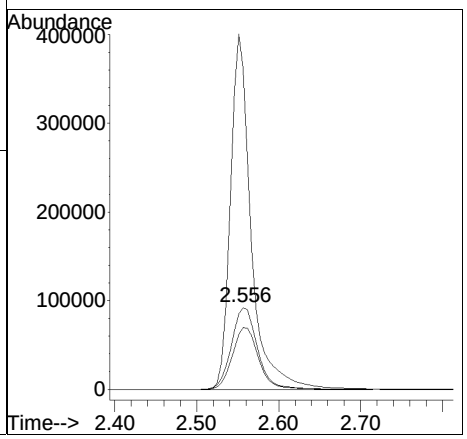


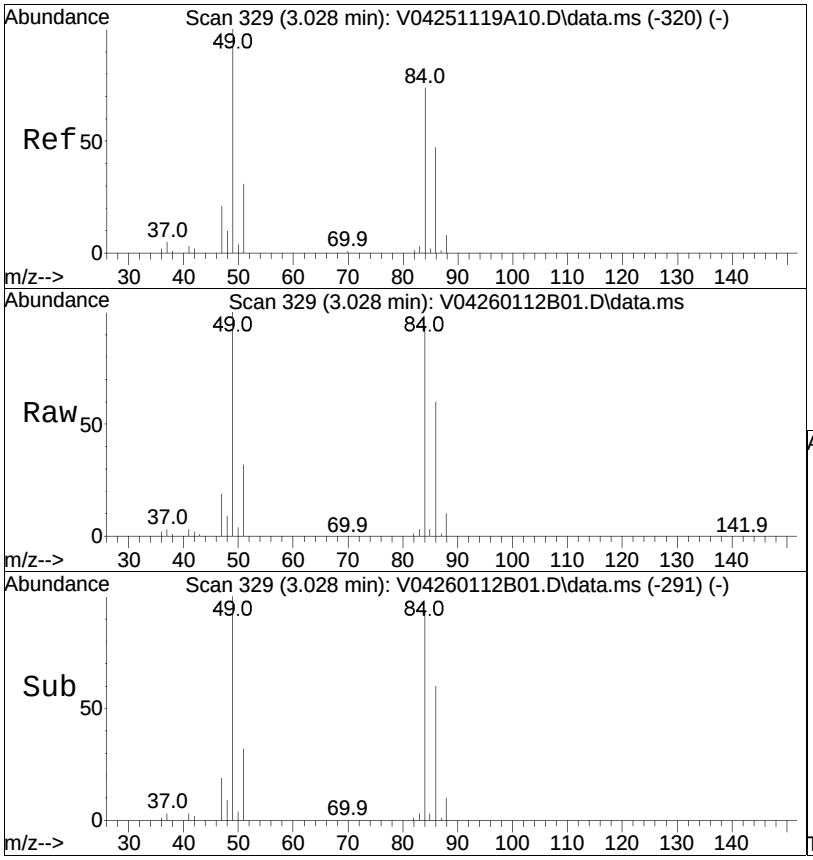


#12
Freon-113
Concen: 48.53 ug/L
RT: 2.556 min Scan# 239
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion:101 Resp: 205567

Ion	Ratio	Lower	Upper
101	100		
151	76.0	65.3	97.9
76	342.2	224.2	336.4#

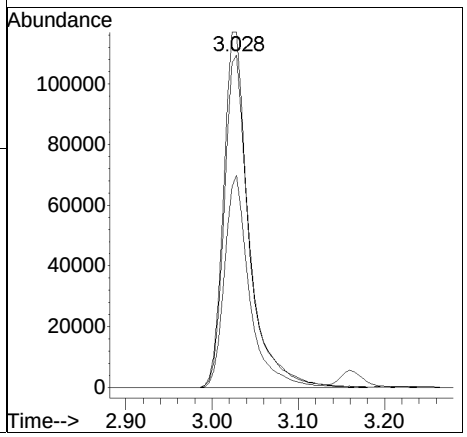


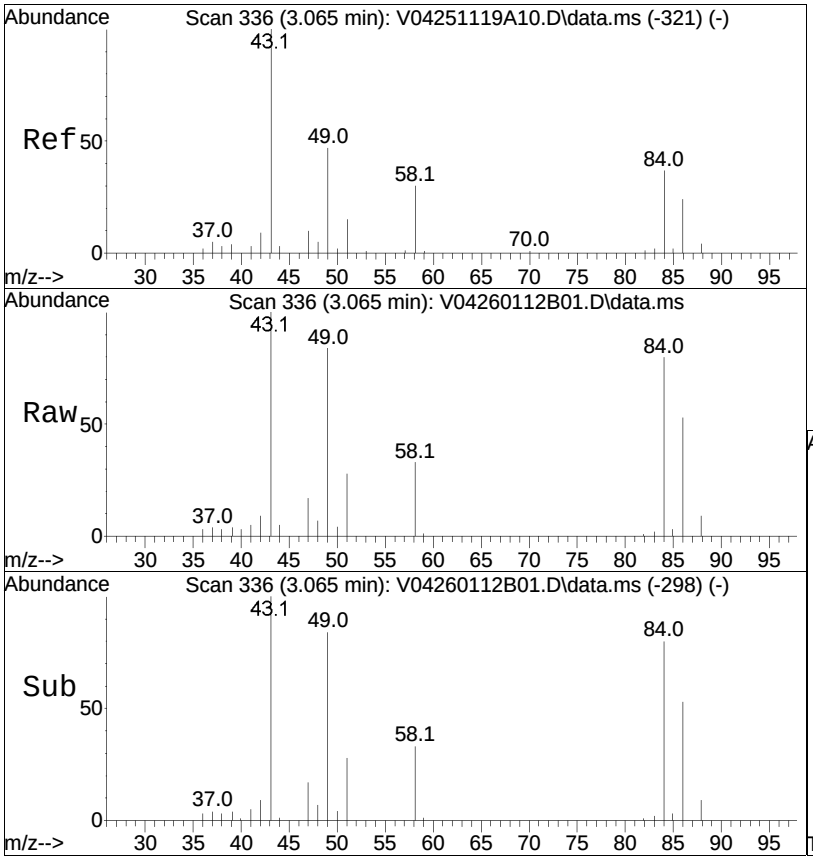


#15
Methylene chloride
Concen: 41.40 ug/L
RT: 3.028 min Scan# 329
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 84 Resp: 222907

Ion	Ratio	Lower	Upper
84	100		
86	63.5	41.3	85.9
49	108.1	91.0	189.0

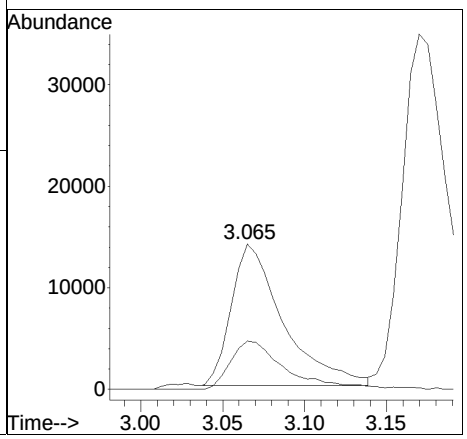


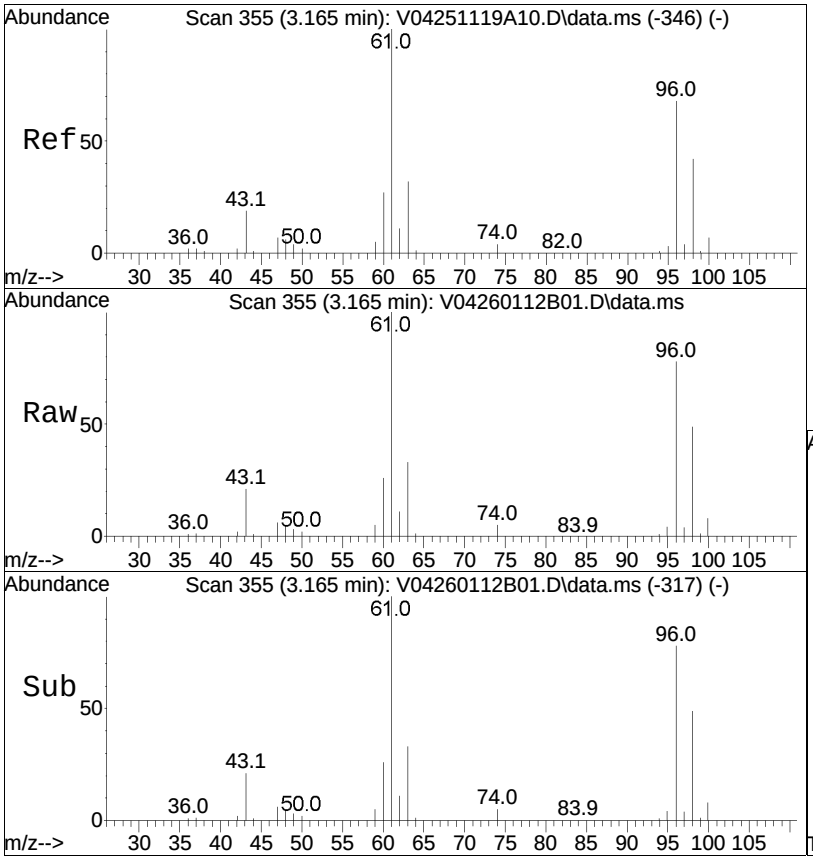


#17
Acetone
Concen: 17.35 ug/L
RT: 3.065 min Scan# 336
Delta R.T. 0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 43 Resp: 30903

Ion	Ratio	Lower	Upper
43	100		
58	37.1	23.2	34.8#

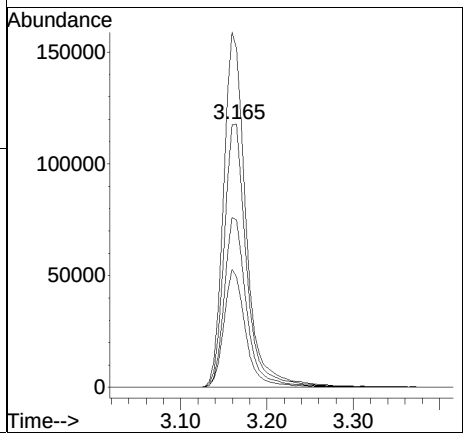


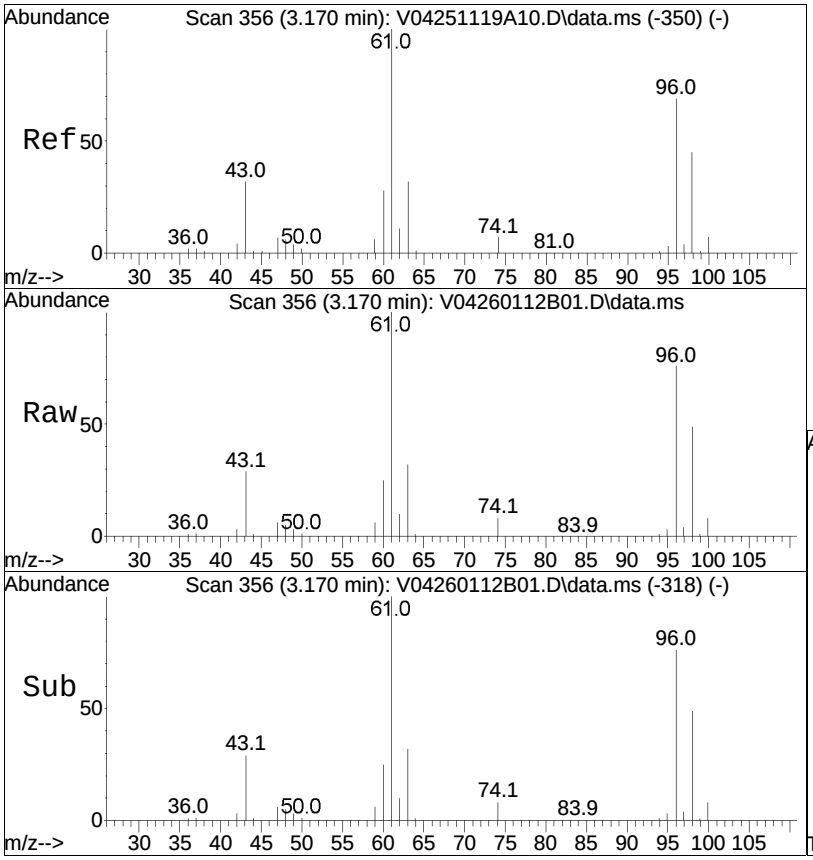


#18
trans-1,2-Dichloroethene
Concen: 44.77 ug/L
RT: 3.165 min Scan# 355
Delta R.T. 0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 96 Resp: 214443

Ion	Ratio	Lower	Upper
96	100		
61	134.7	103.7	215.3
98	64.2	41.0	85.0
63	43.3	32.1	66.7

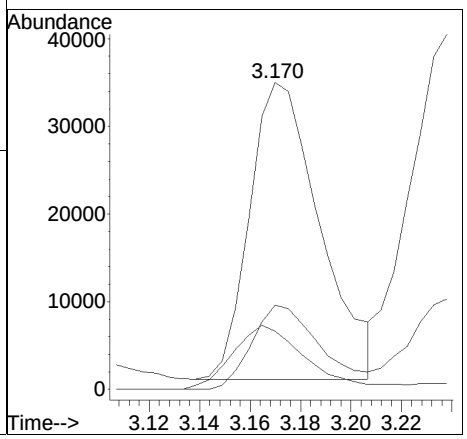


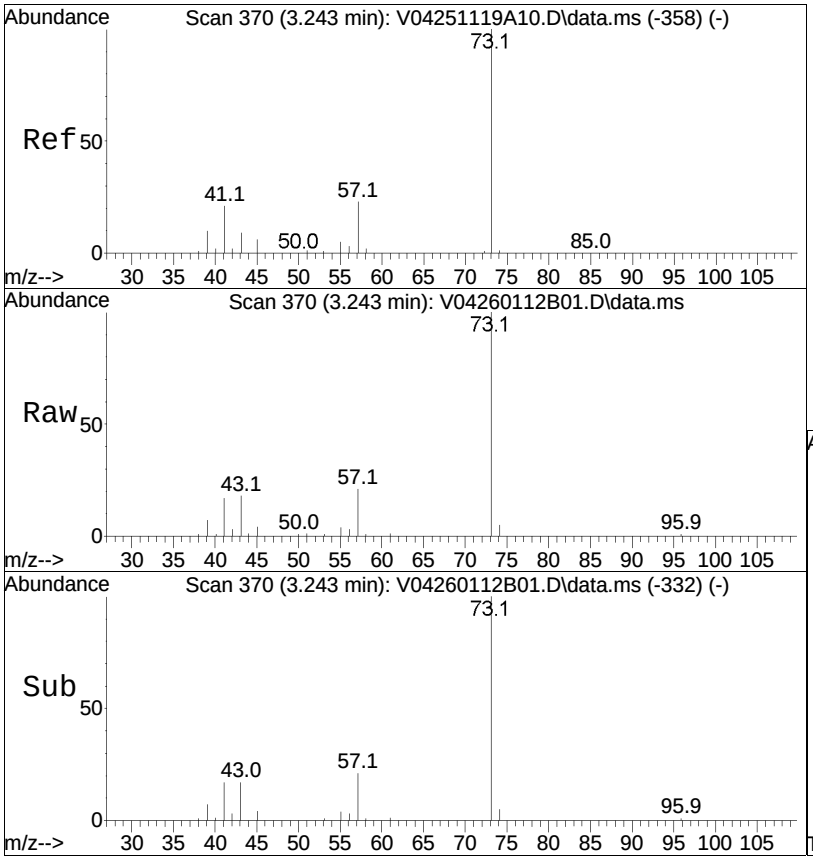


#19
Methyl acetate
Concen: 36.54 ug/L
RT: 3.170 min Scan# 356
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 43 Resp: 65520

Ion	Ratio	Lower	Upper
43	100		
74	27.8	16.2	24.2#
59	22.2	13.7	20.5#

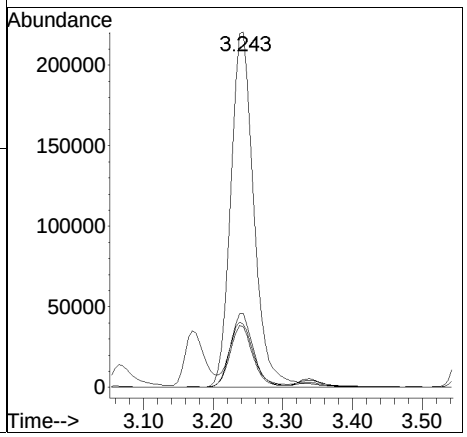


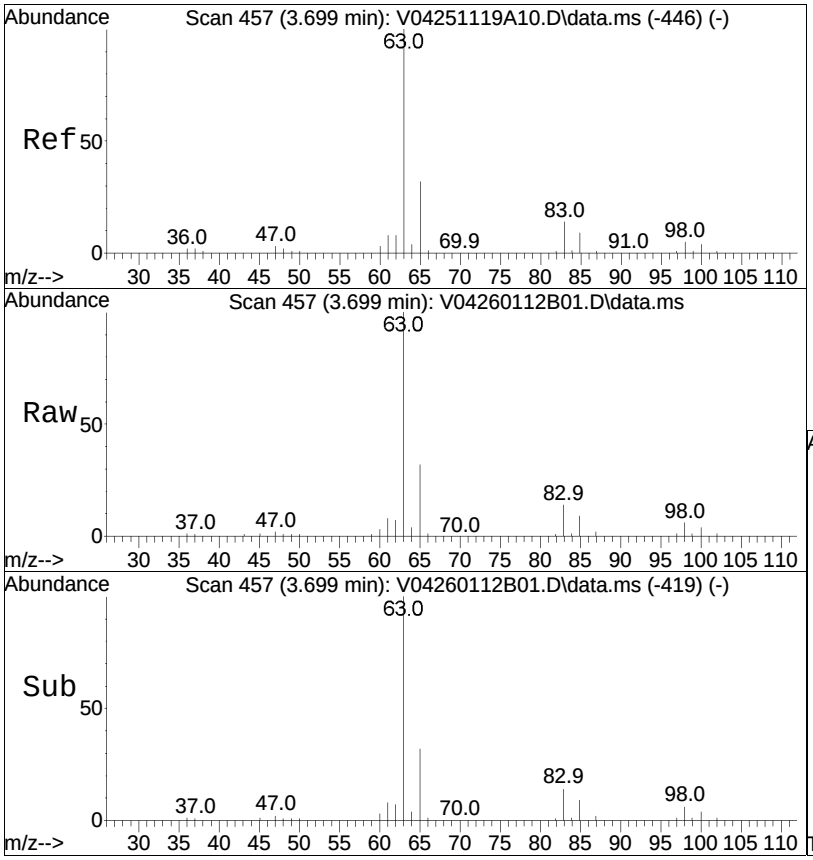


#20
Methyl tert-butyl ether
Concen: 43.42 ug/L
RT: 3.243 min Scan# 370
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 73 Resp: 515753

Ion	Ratio	Lower	Upper
73	100		
57	20.5	16.3	33.9
43	18.2	14.7	30.5
41	16.8	15.4	32.0

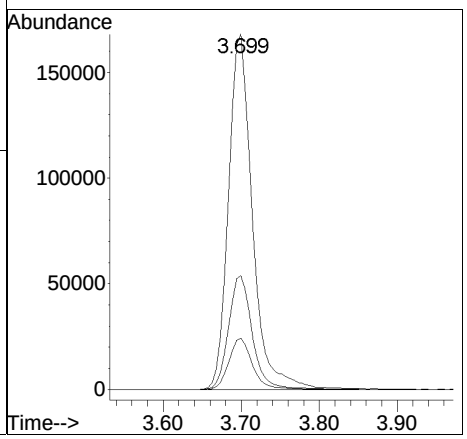


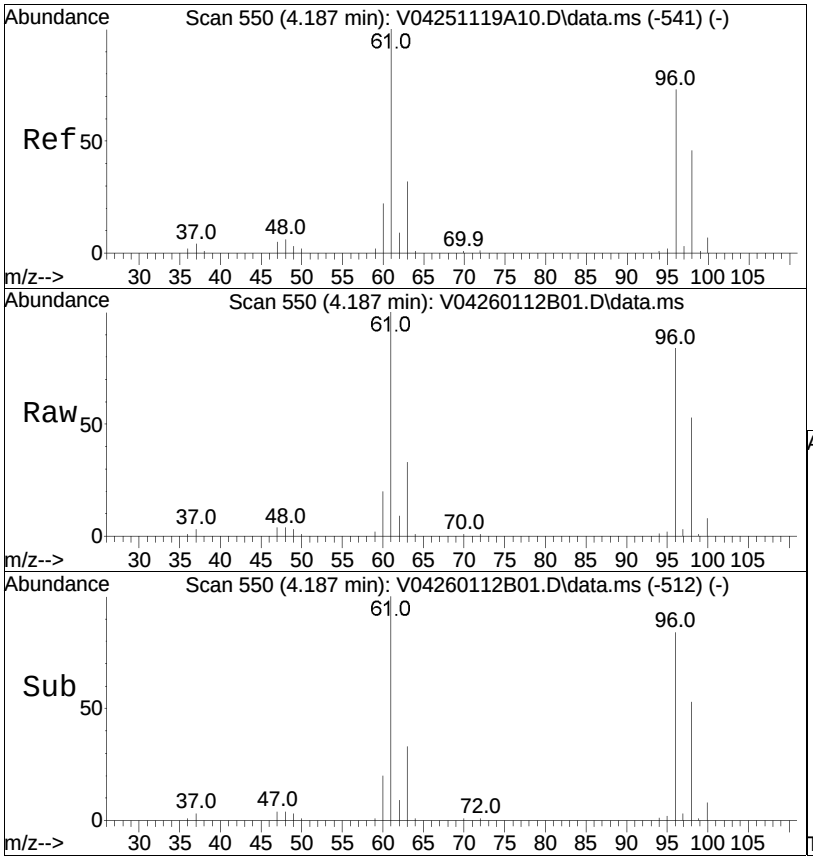


#23
1,1-Dichloroethane
Concen: 40.08 ug/L
RT: 3.699 min Scan# 457
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 63 Resp: 359675

Ion	Ratio	Lower	Upper
63	100		
65	31.7	10.4	50.4
83	14.1	0.0	32.2

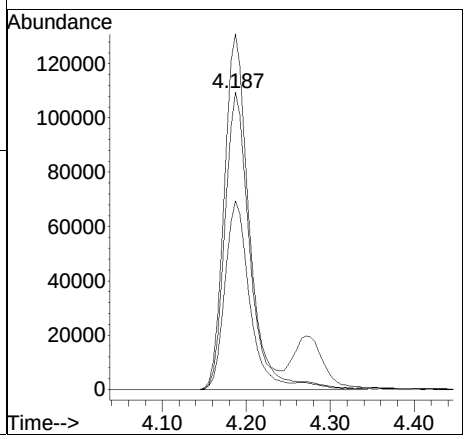


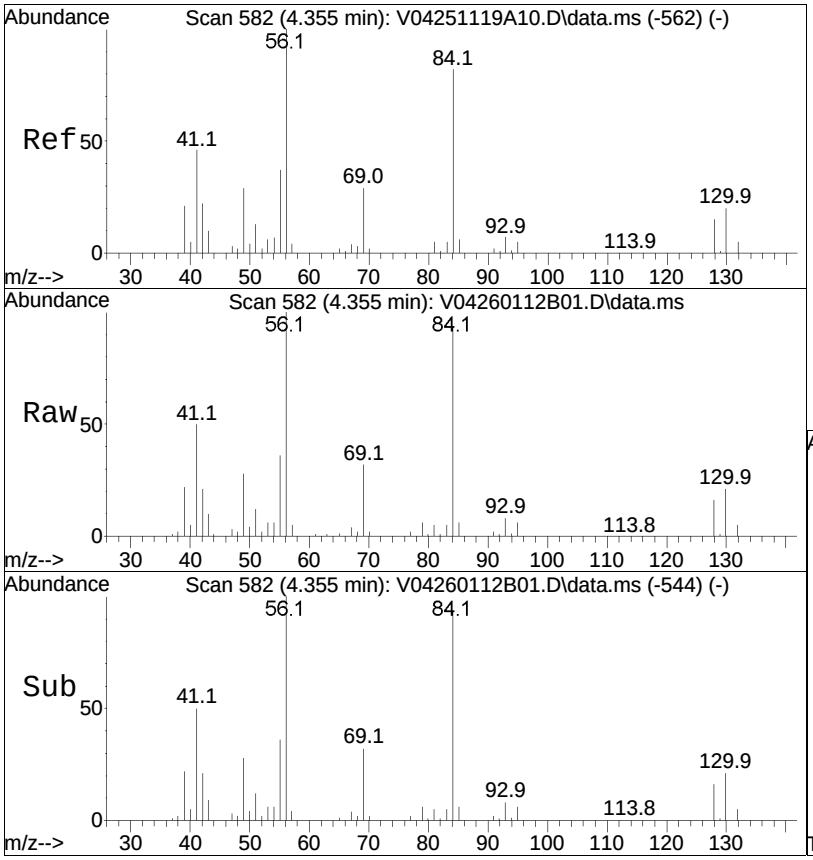


#28
cis-1,2-Dichloroethene
Concen: 42.13 ug/L
RT: 4.187 min Scan# 550
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 96 Resp: 228032

Ion	Ratio	Lower	Upper
96	100		
61	115.9	114.4	171.6
98	61.9	51.3	76.9

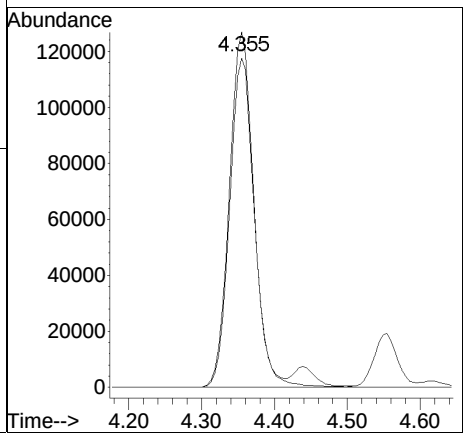


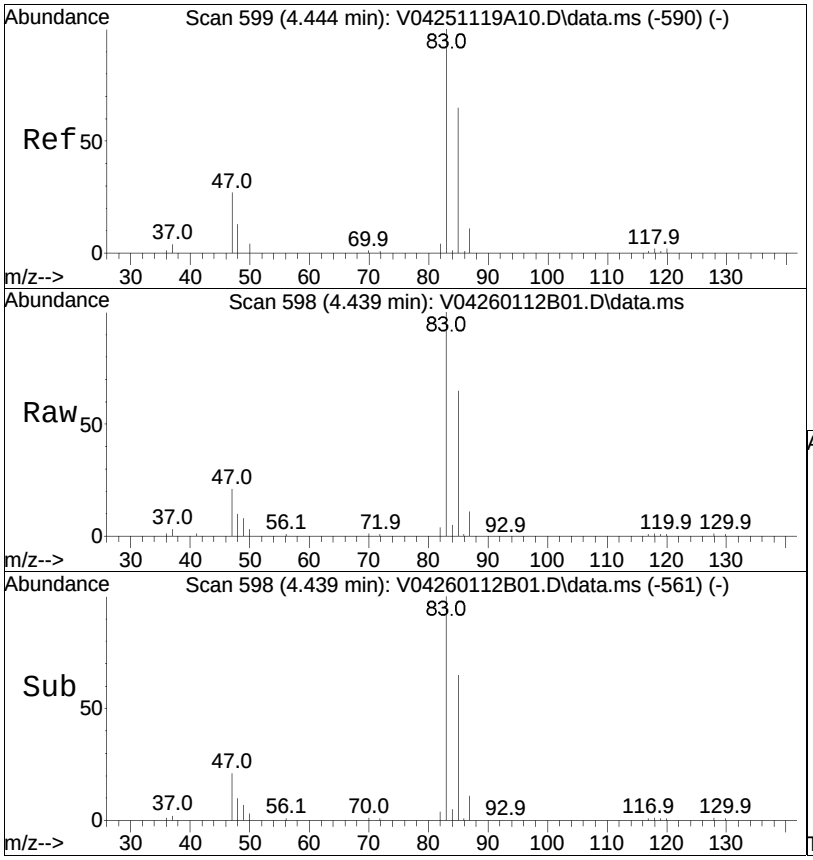


#31
Cyclohexane
Concen: 40.92 ug/L
RT: 4.355 min Scan# 582
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 56 Resp: 298576

Ion	Ratio	Lower	Upper
56	100		
84	92.3	48.2	100.2

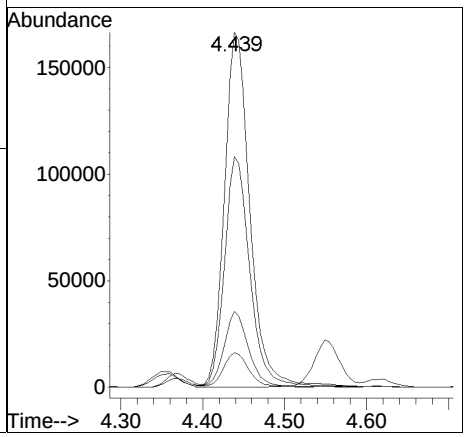


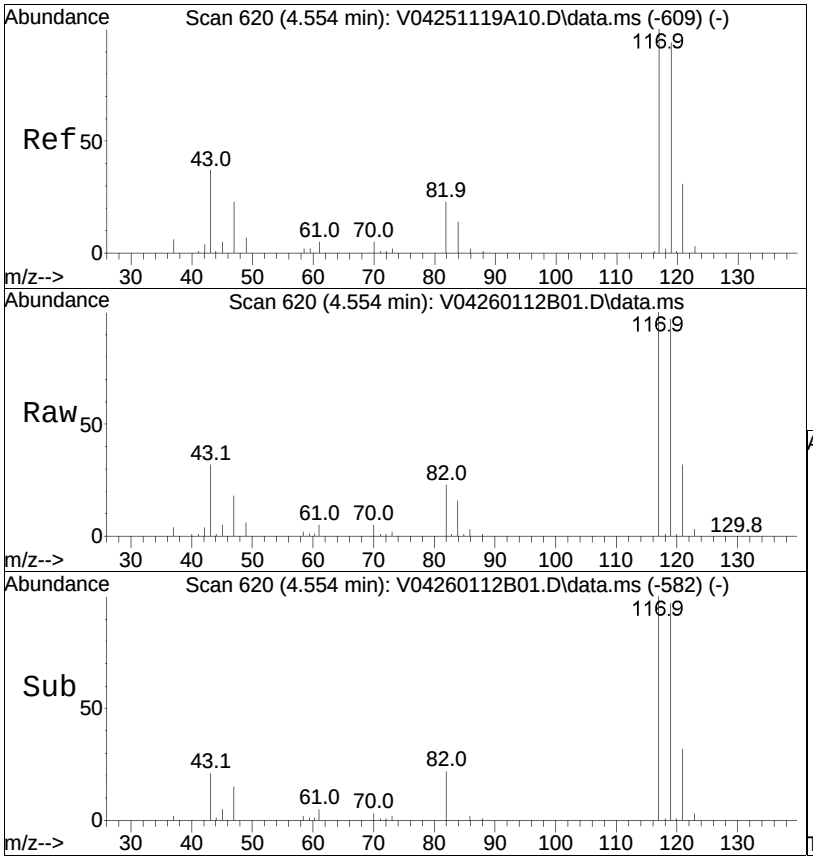


#32
Chloroform
Concen: 42.29 ug/L
RT: 4.439 min Scan# 598
Delta R.T. -0.005 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 83 Resp: 359415

Ion	Ratio	Lower	Upper
83	100		
85	64.8	41.9	87.1
47	19.2	16.7	34.7
48	9.6	7.9	16.3

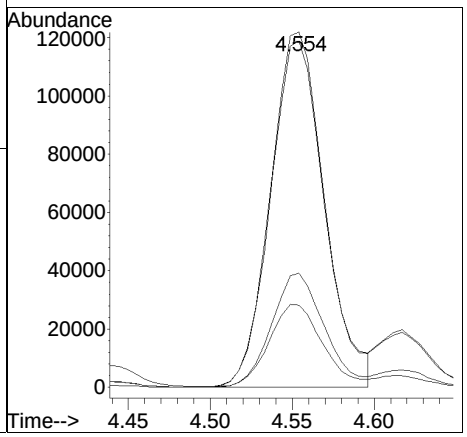


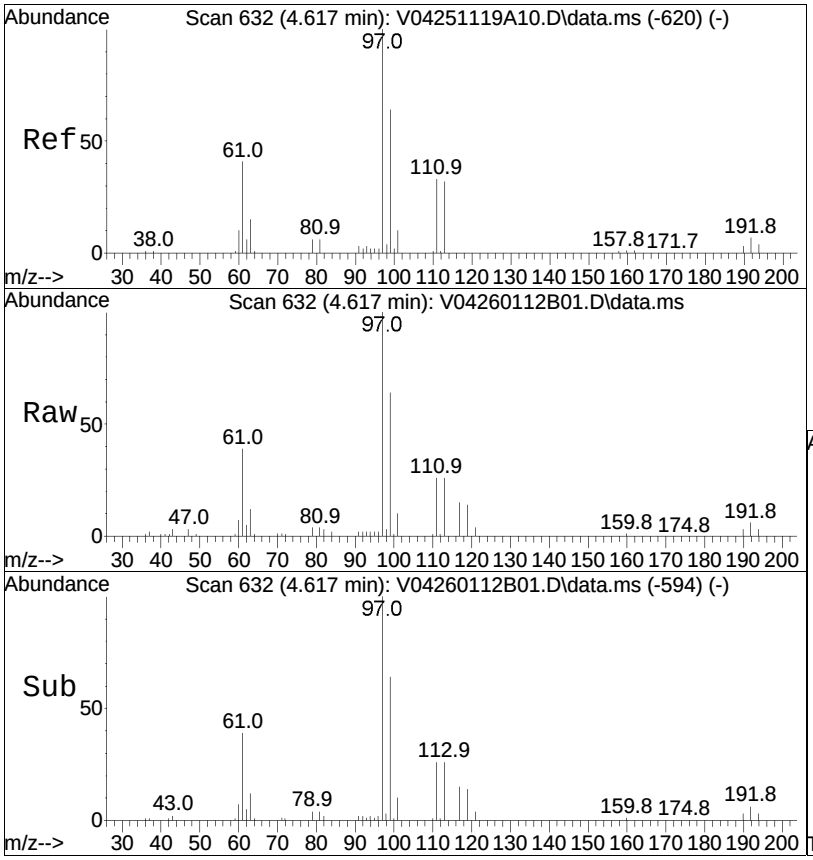


#34
Carbon tetrachloride
Concen: 40.75 ug/L
RT: 4.554 min Scan# 620
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion:117 Resp: 280493

Ion	Ratio	Lower	Upper
117	100		
119	97.2	62.9	130.7
121	31.4	20.2	42.0
82	23.0	14.9	30.9

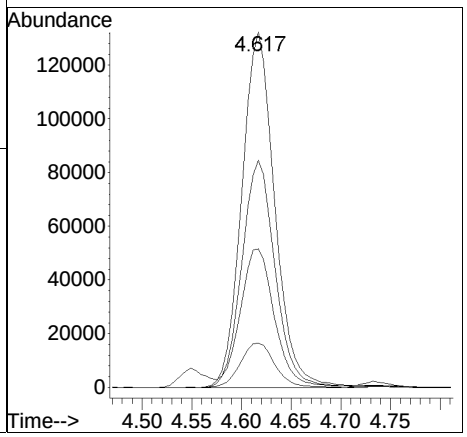


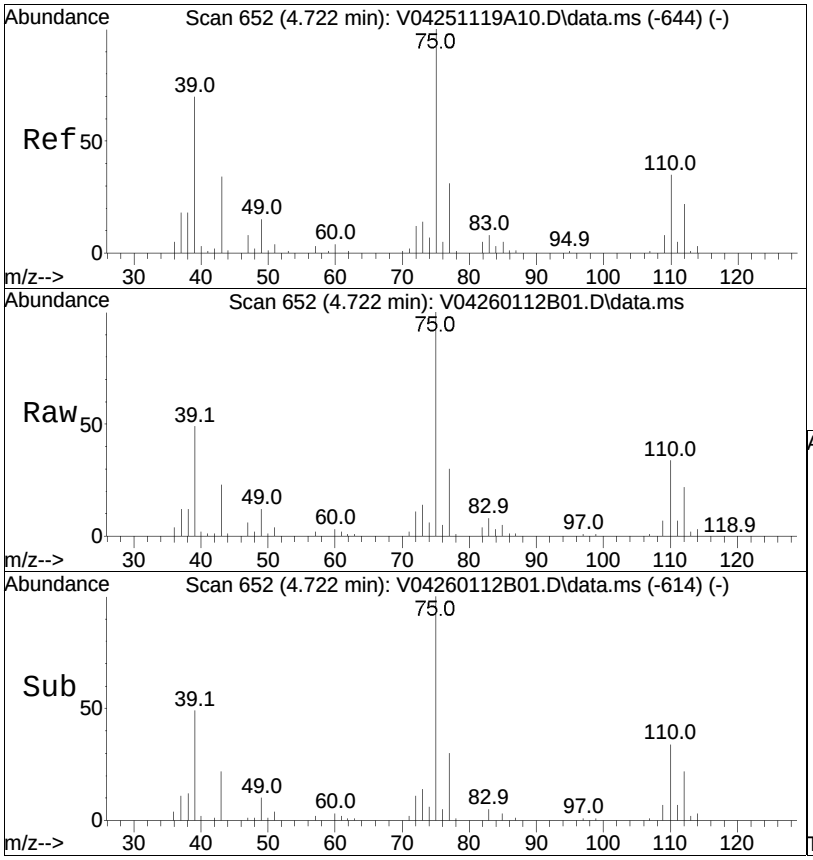


#37
1,1,1-Trichloroethane
Concen: 42.83 ug/L
RT: 4.617 min Scan# 632
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 97 Resp: 306349

Ion	Ratio	Lower	Upper
97	100		
99	64.6	41.7	86.7
61	40.4	30.9	64.3
63	13.1	9.6	20.0

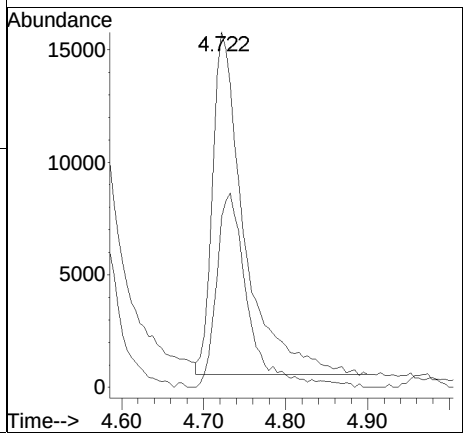


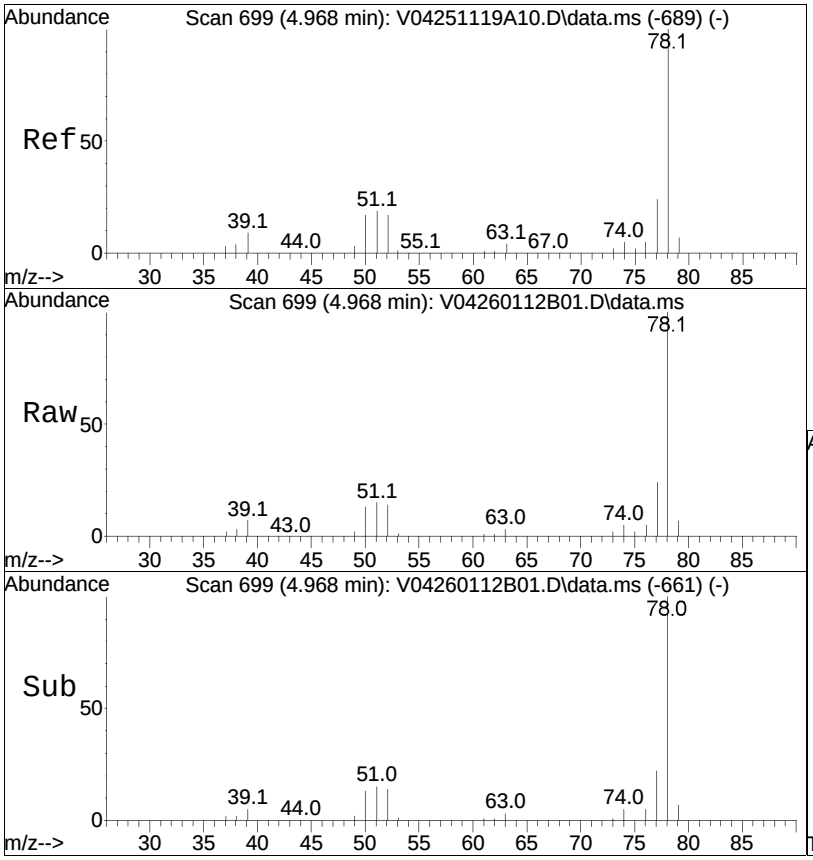


#39
2-Butanone
Concen: 32.83 ug/L
RT: 4.722 min Scan# 652
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 43 Resp: 41145

Ion	Ratio	Lower	Upper
43	100		
72	54.2	25.8	38.8#

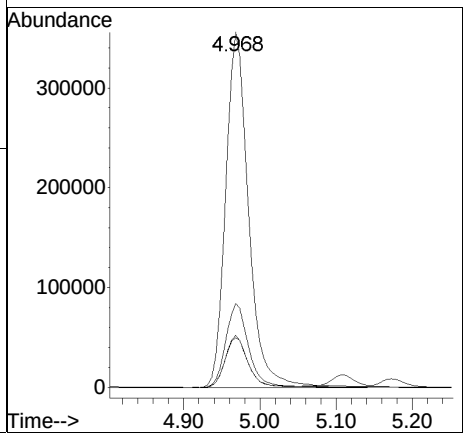


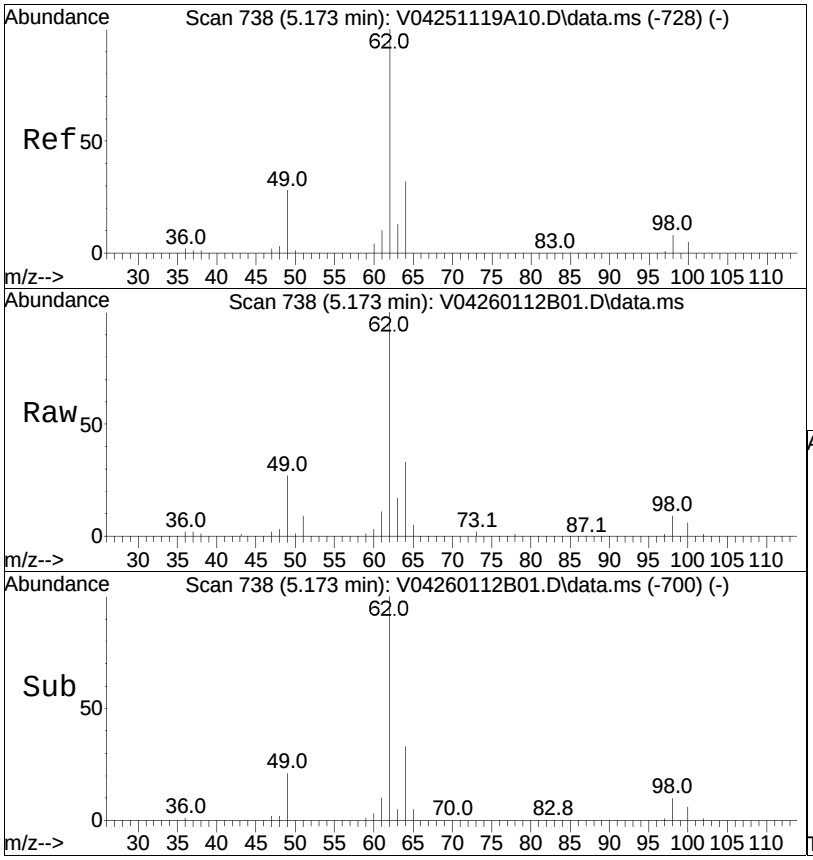


#41
Benzene
Concen: 44.34 ug/L
RT: 4.968 min Scan# 699
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 78 Resp: 745895

Ion	Ratio	Lower	Upper
78	100		
77	23.6	15.1	31.3
51	14.3	12.2	25.4
52	14.0	11.9	24.7

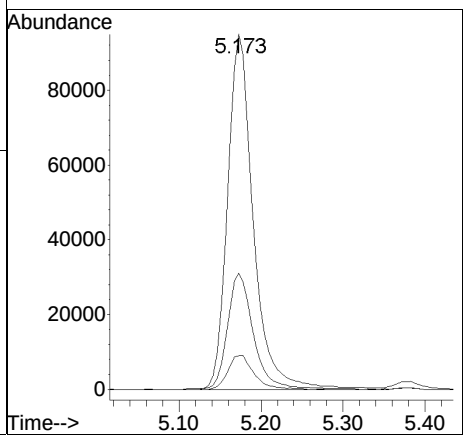


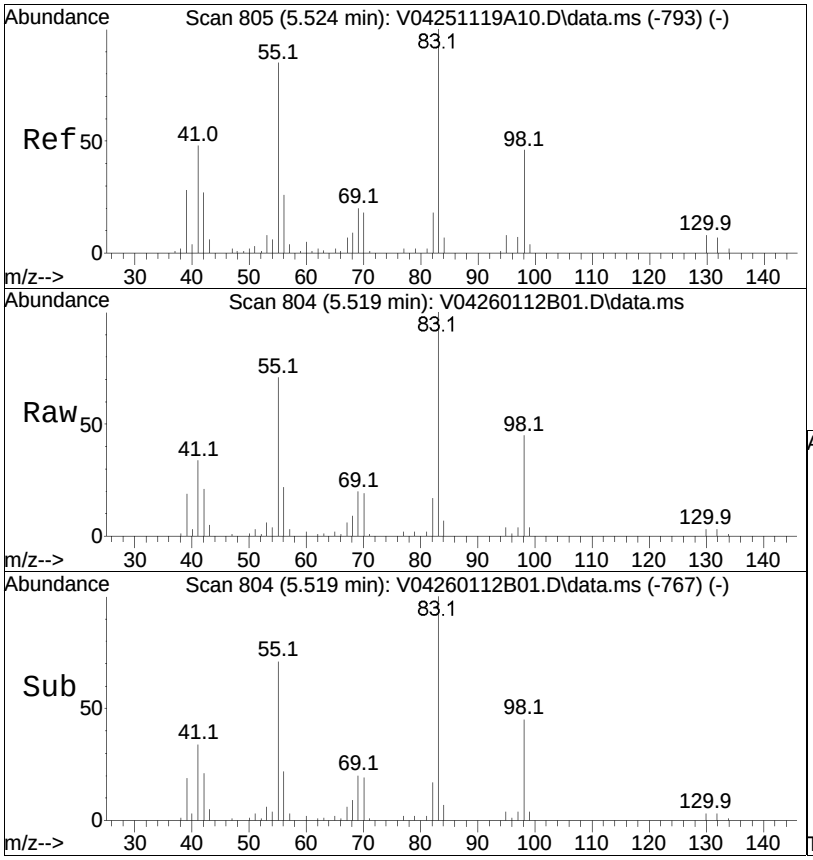


#44
1,2-Dichloroethane
Concen: 34.87 ug/L
RT: 5.173 min Scan# 738
Delta R.T. 0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 62 Resp: 207745

Ion	Ratio	Lower	Upper
62	100		
64	32.0	11.3	51.3
98	9.7	0.0	27.5

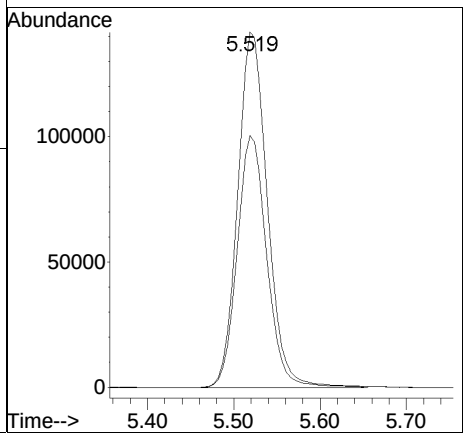


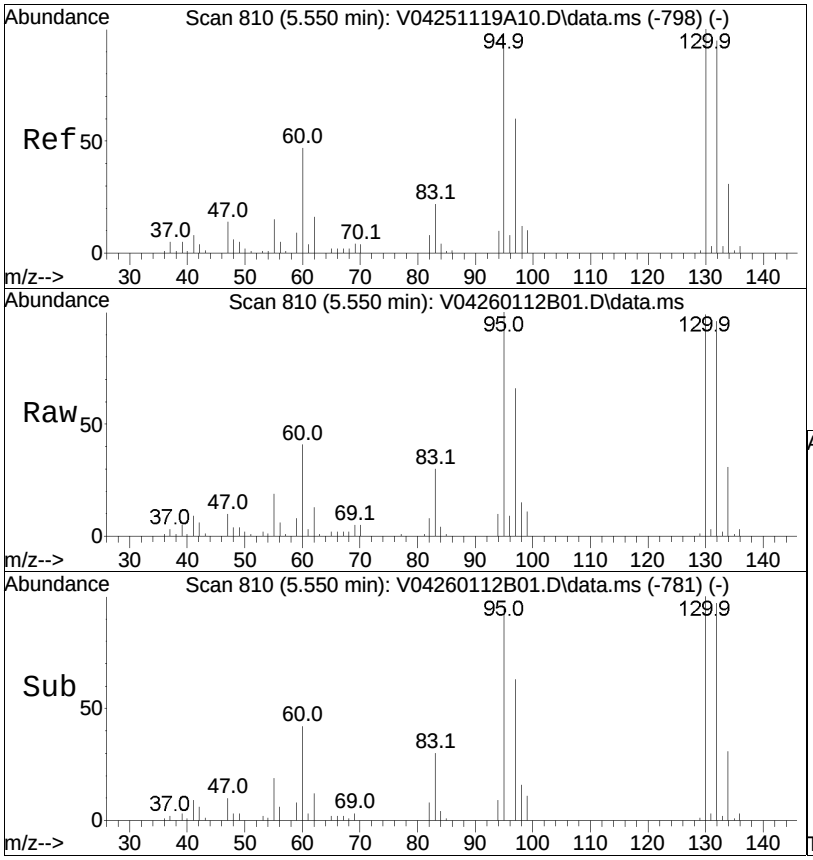


#47
Methyl cyclohexane
Concen: 48.00 ug/L
RT: 5.519 min Scan# 804
Delta R.T. -0.005 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 83 Resp: 338296

Ion	Ratio	Lower	Upper
83	100		
55	70.7	73.0	109.4#

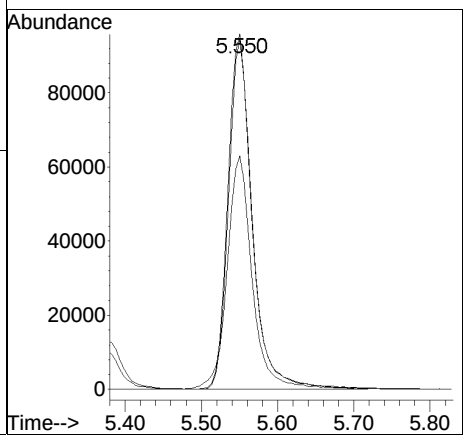


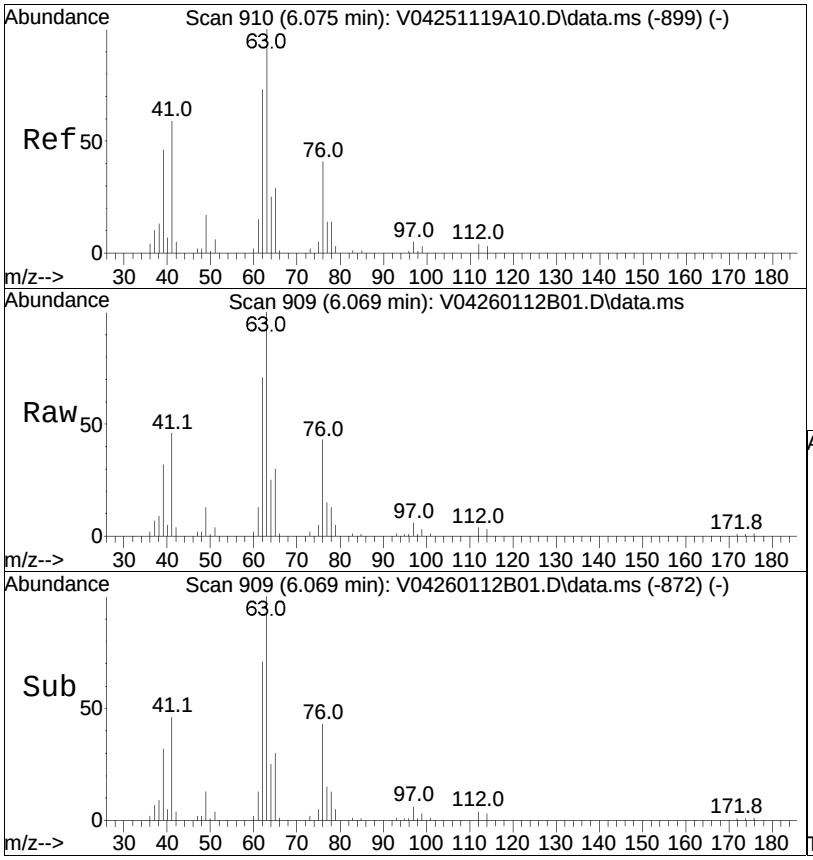


#48
Trichloroethene
Concen: 47.50 ug/L
RT: 5.550 min Scan# 810
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 95 Resp: 212612

Ion	Ratio	Lower	Upper
95	100		
97	68.1	53.9	80.9
130	97.2	83.1	124.7

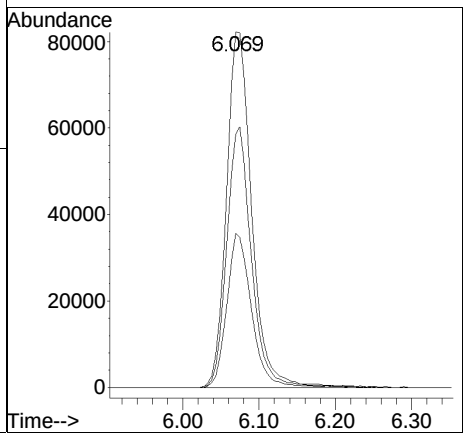


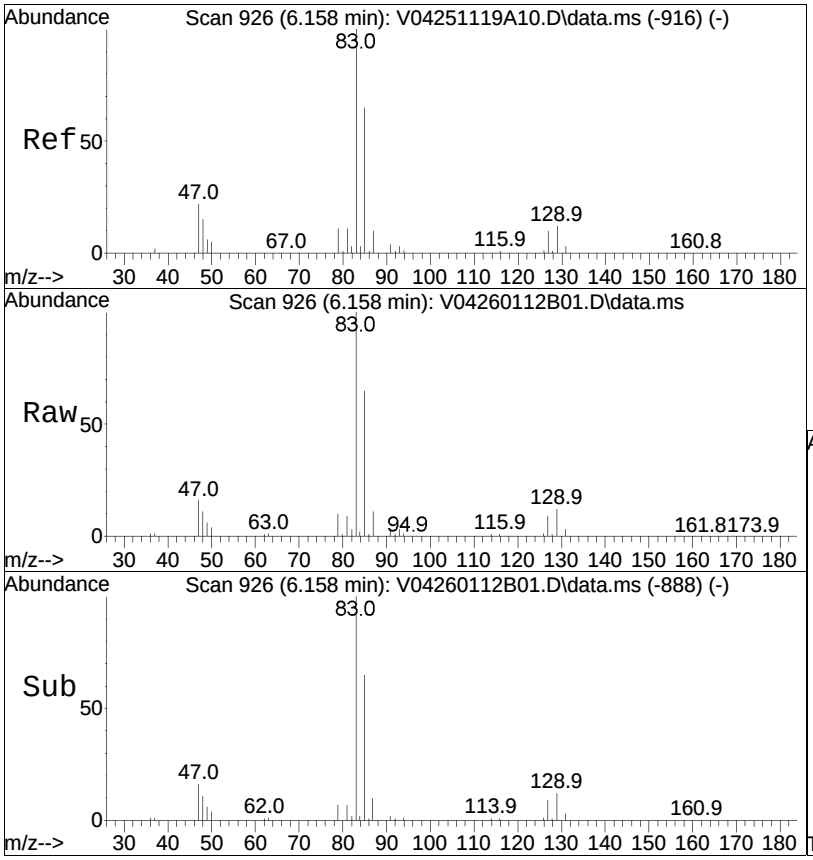


#51
1,2-Dichloropropane
Concen: 38.88 ug/L
RT: 6.069 min Scan# 909
Delta R.T. -0.005 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 63 Resp: 189550

Ion	Ratio	Lower	Upper
63	100		
62	71.3	58.2	87.2
76	42.1	31.4	47.2

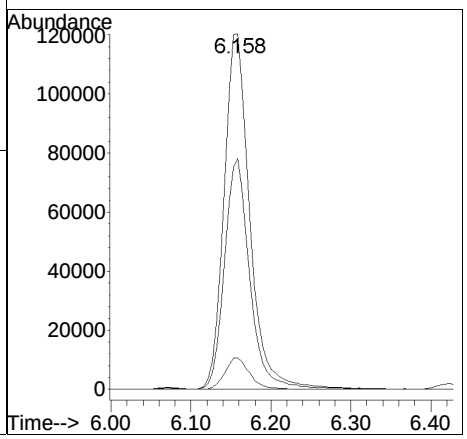


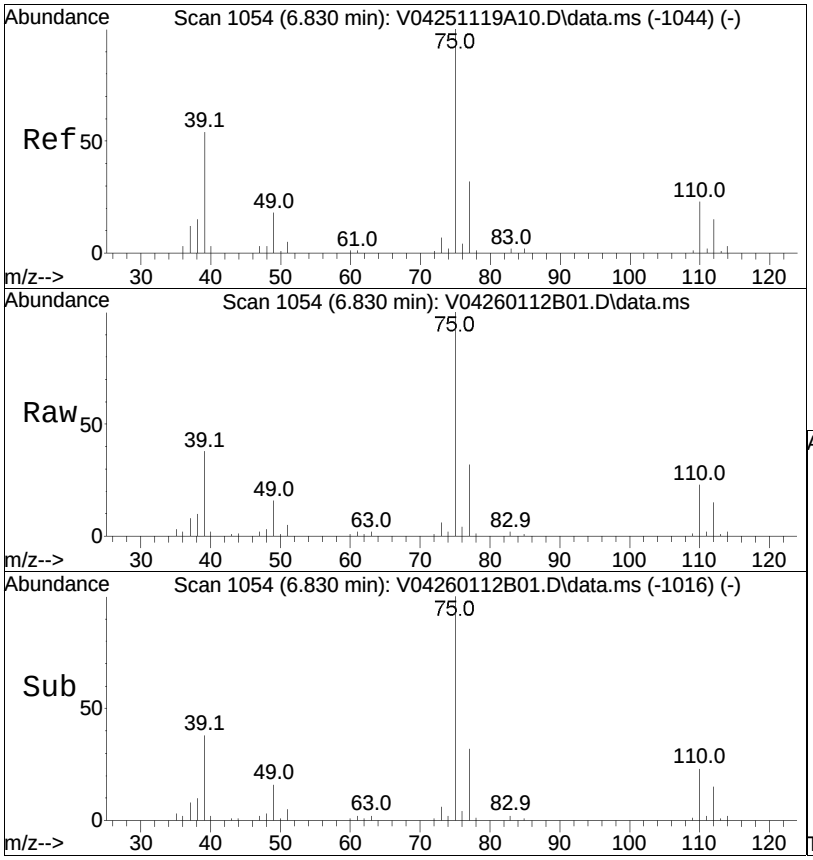


#54
Bromodichloromethane
Concen: 40.71 ug/L
RT: 6.158 min Scan# 926
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 83 Resp: 270729

Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.2	76.8
127	8.5	7.3	10.9

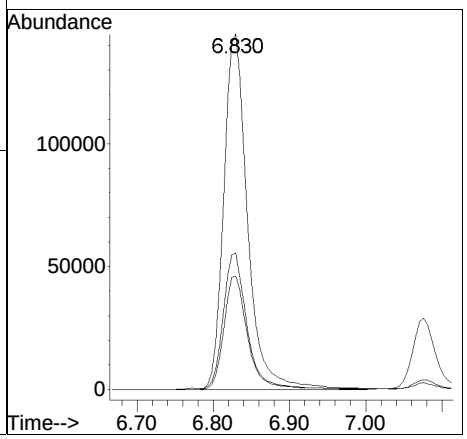


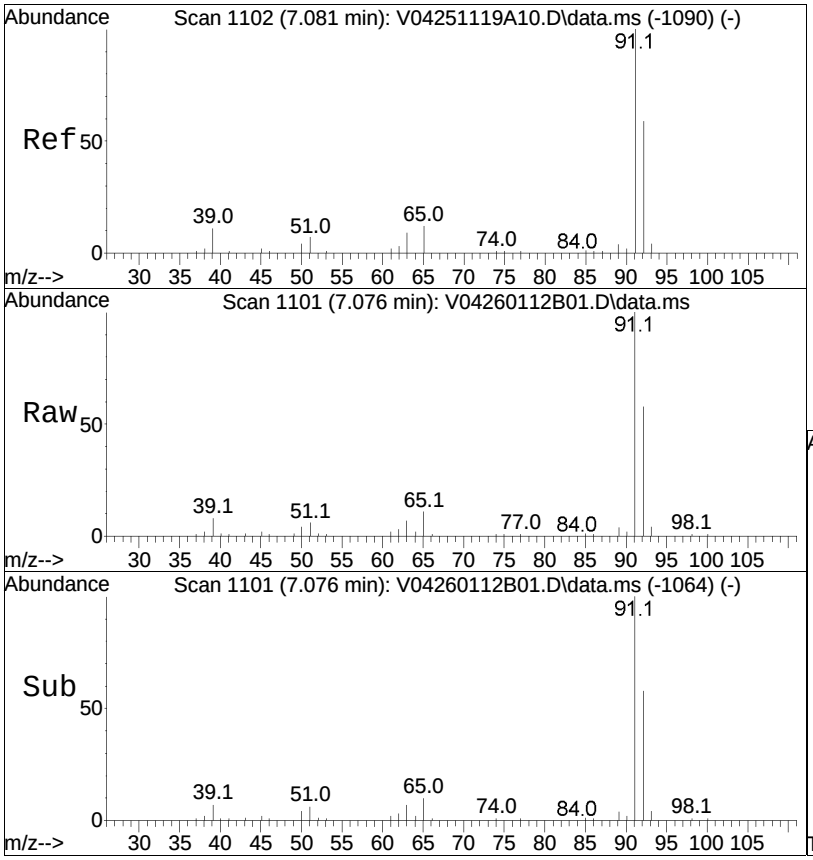


#58
cis-1,3-Dichloropropene
Concen: 44.03 ug/L
RT: 6.830 min Scan# 1054
Delta R.T. 0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 75 Resp: 316028

Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.3	37.9
39	37.4	40.2	60.2#

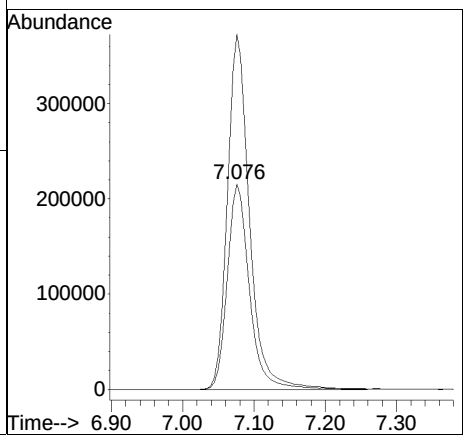


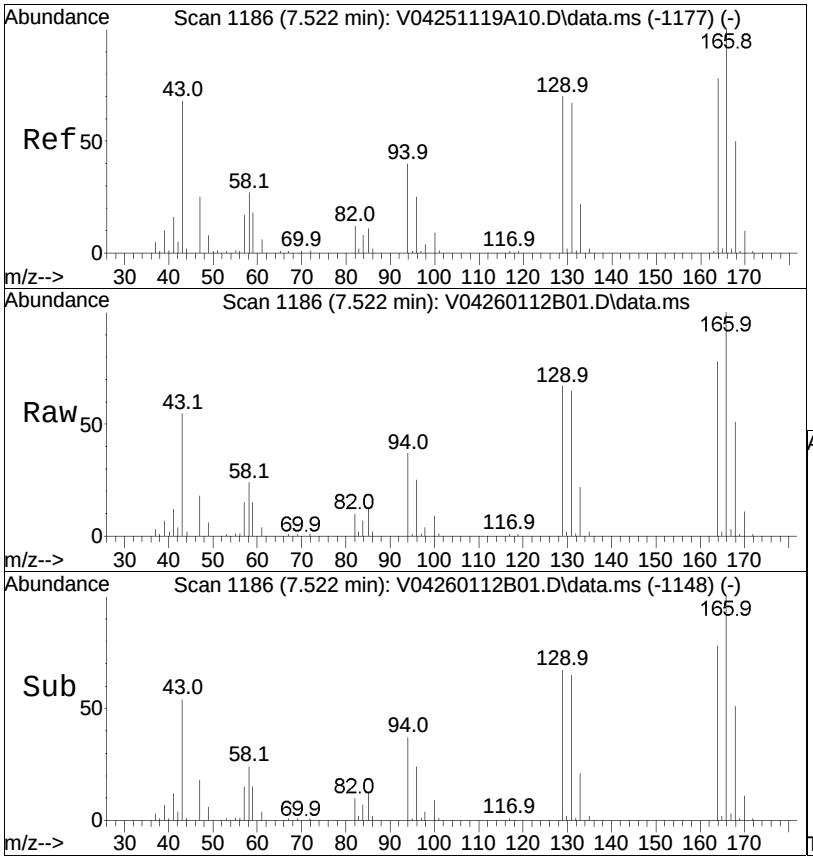


#61
Toluene
Concen: 45.46 ug/L
RT: 7.076 min Scan# 1101
Delta R.T. -0.005 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 92 Resp: 466745

Ion	Ratio	Lower	Upper
92	100		
91	171.9	135.8	203.6

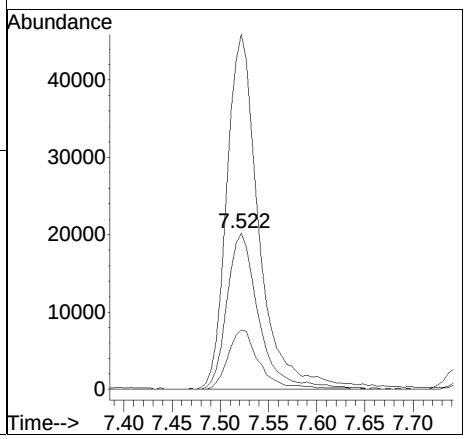


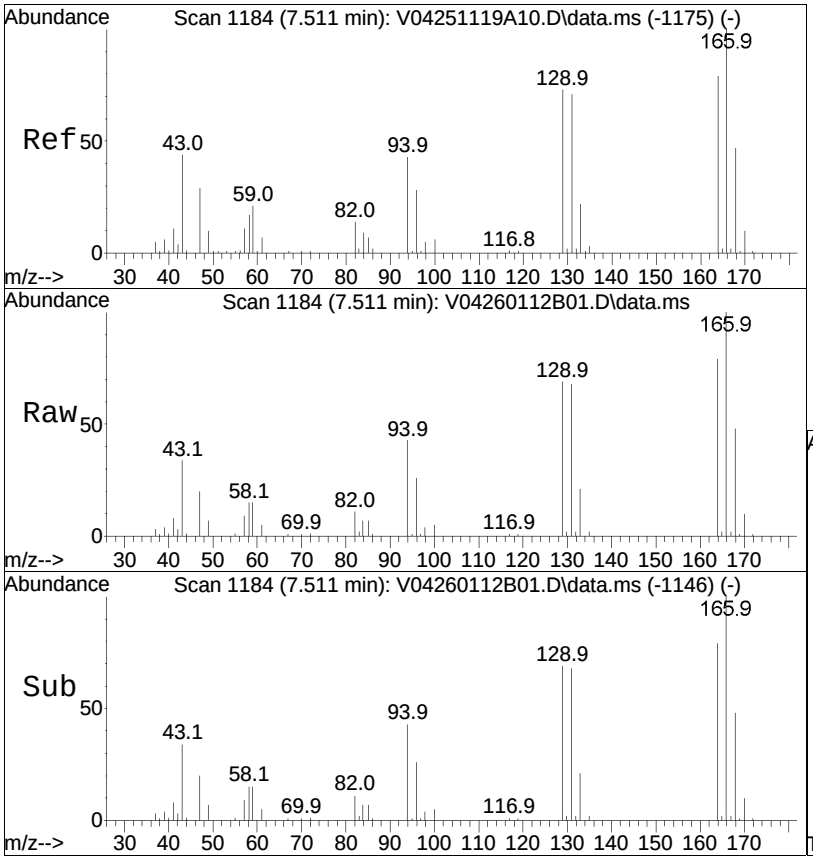


#62
4-Methyl-2-pentanone
Concen: 41.63 ug/L
RT: 7.522 min Scan# 1186
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 58 Resp: 46845

Ion	Ratio	Lower	Upper
58	100		
100	37.9	25.6	38.4
43	231.8	195.7	293.5

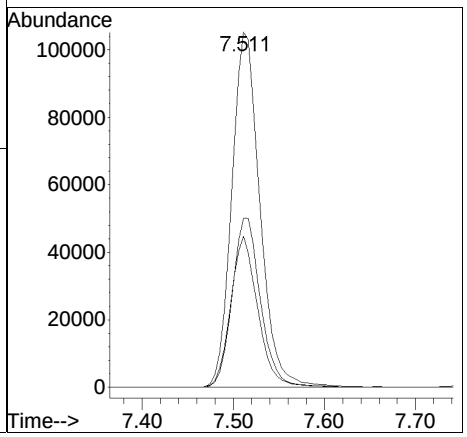


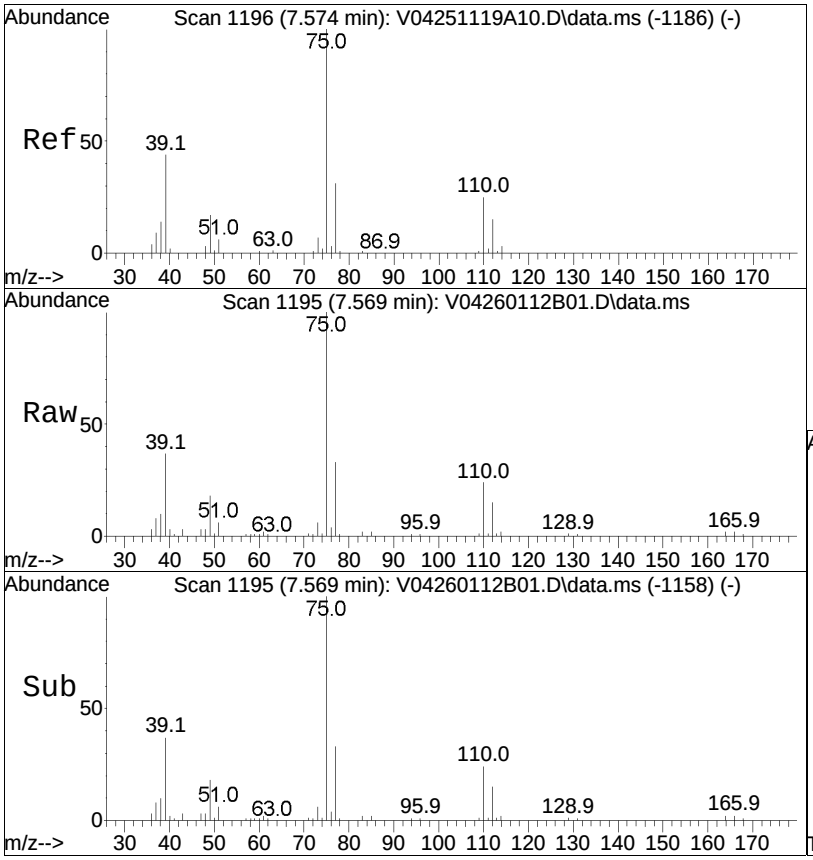


#63
Tetrachloroethene
Concen: 46.61 ug/L
RT: 7.511 min Scan# 1184
Delta R.T. 0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion:166 Resp: 226846

Ion	Ratio	Lower	Upper
166	100		
168	48.0	27.6	67.6
94	41.1	20.9	60.9

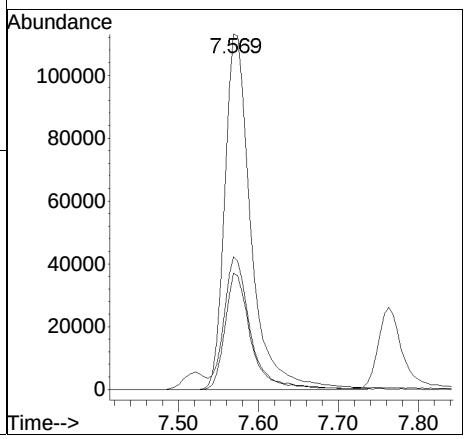


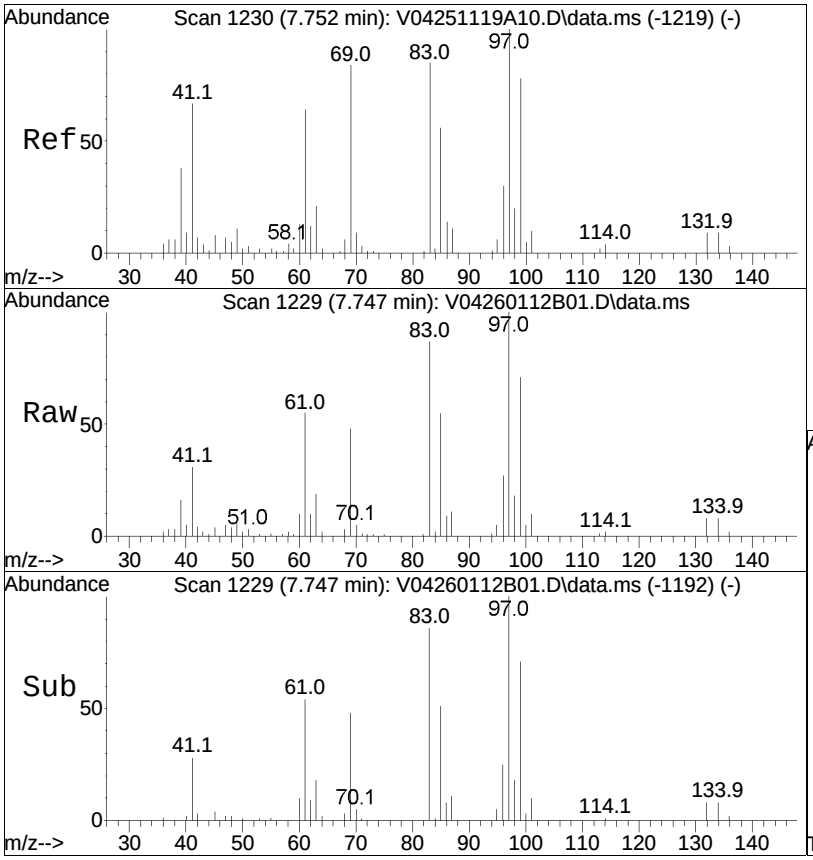


#65
trans-1,3-Dichloropropene
Concen: 46.41 ug/L
RT: 7.569 min Scan# 1195
Delta R.T. -0.005 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 75 Resp: 258588

Ion	Ratio	Lower	Upper
75	100		
77	32.0	12.0	52.0
39	36.7	29.3	69.3

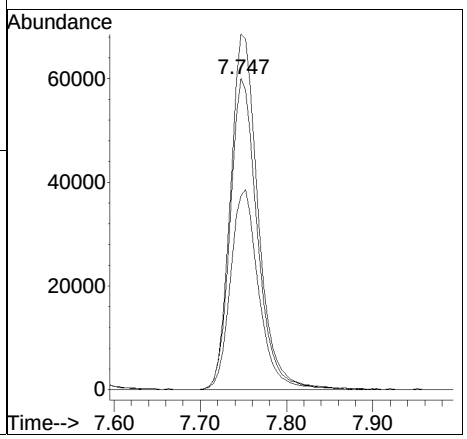


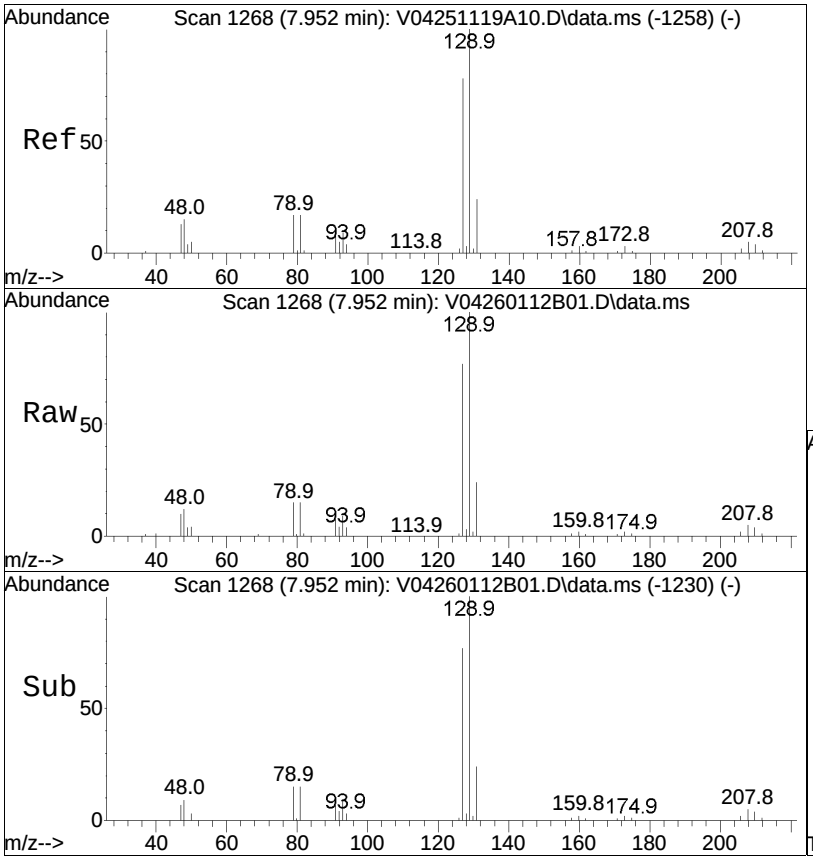


#68
1,1,2-Trichloroethane
Concen: 43.39 ug/L
RT: 7.747 min Scan# 1229
Delta R.T. -0.005 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 83 Resp: 132166

Ion	Ratio	Lower	Upper
83	100		
97	116.3	99.3	139.3
85	66.5	47.8	87.8

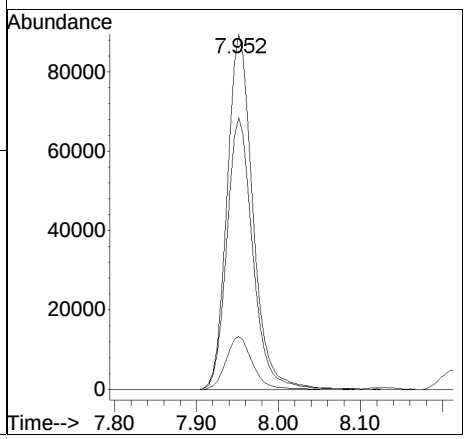


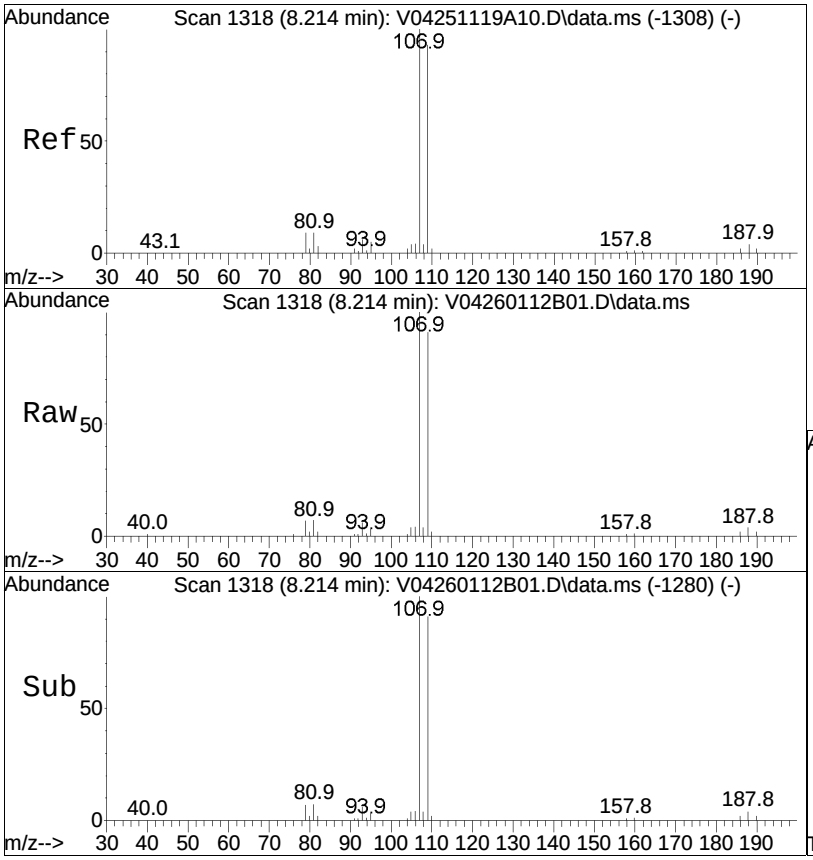


#69
Chlorodibromomethane
Concen: 41.60 ug/L
RT: 7.952 min Scan# 1268
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion:129 Resp: 195917

Ion	Ratio	Lower	Upper
129	100		
81	15.2	0.0	34.6
127	76.9	56.9	96.9

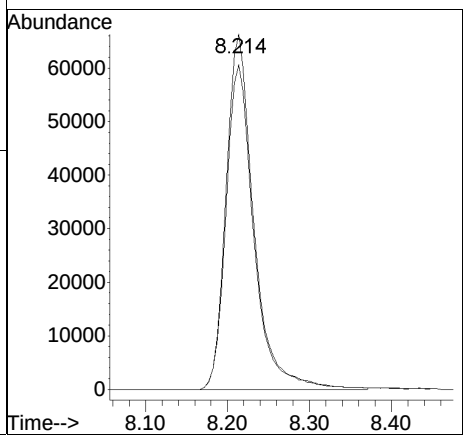


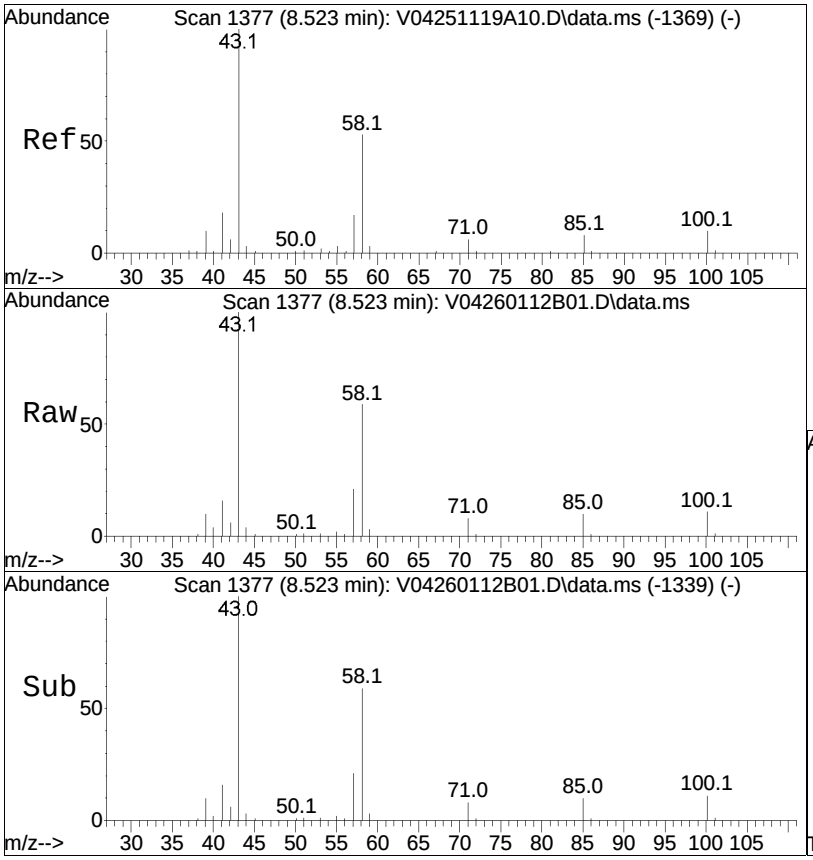


#71
1,2-Dibromoethane
Concen: 46.68 ug/L
RT: 8.214 min Scan# 1318
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion:107 Resp: 156542

Ion	Ratio	Lower	Upper
107	100		
109	91.8	75.4	113.0

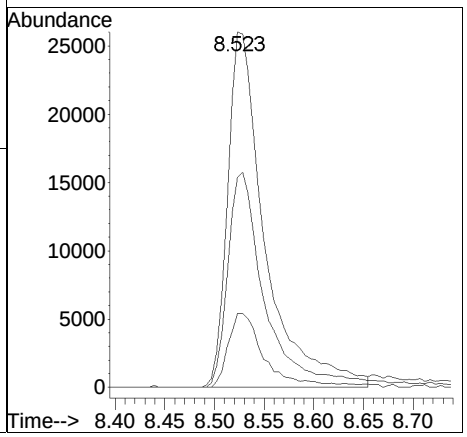


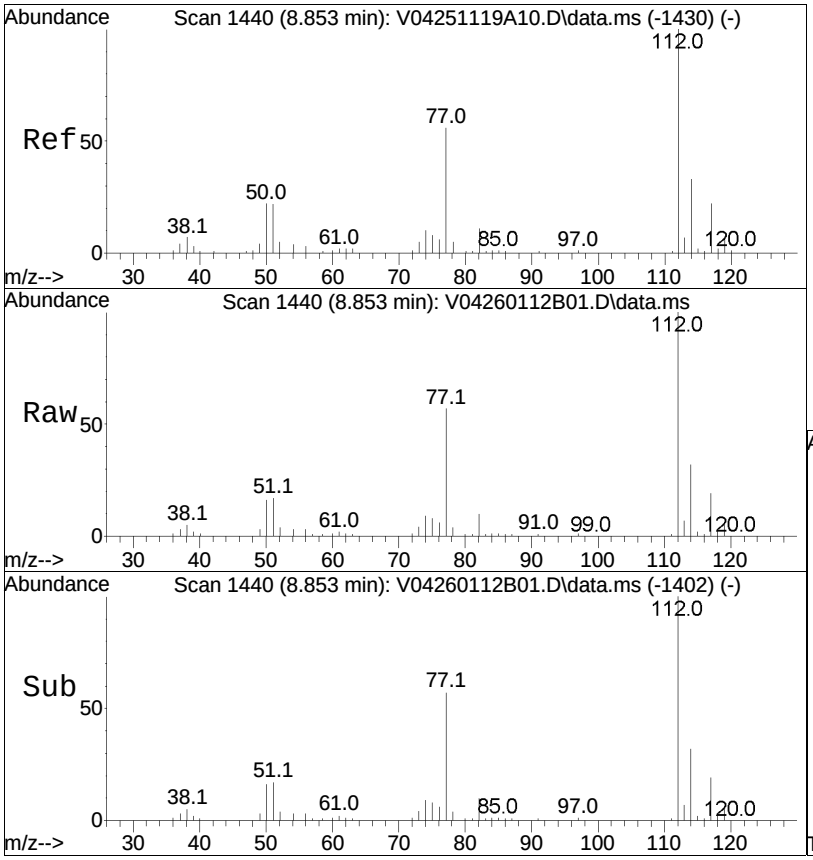


#72
2-Hexanone
Concen: 35.66 ug/L
RT: 8.523 min Scan# 1377
Delta R.T. 0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 43 Resp: 68289

Ion	Ratio	Lower	Upper
43	100		
58	60.7	44.7	67.1
57	20.8	15.4	23.0

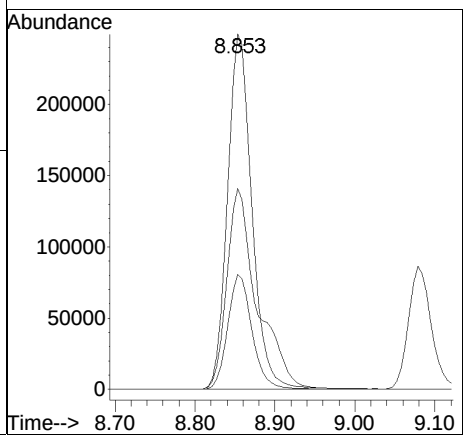


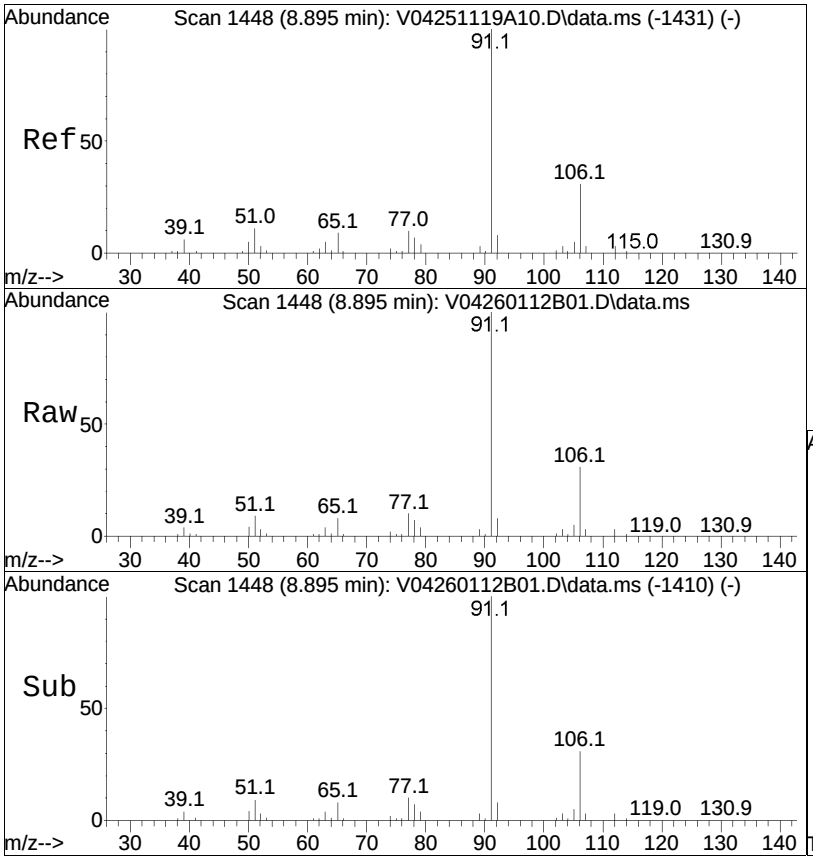


#73
Chlorobenzene
Concen: 45.99 ug/L
RT: 8.853 min Scan# 1440
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion:112 Resp: 530032

Ion	Ratio	Lower	Upper
112	100		
77	70.5	55.3	82.9
114	32.2	25.5	38.3

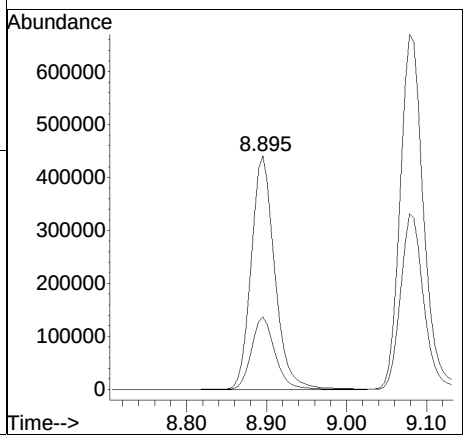


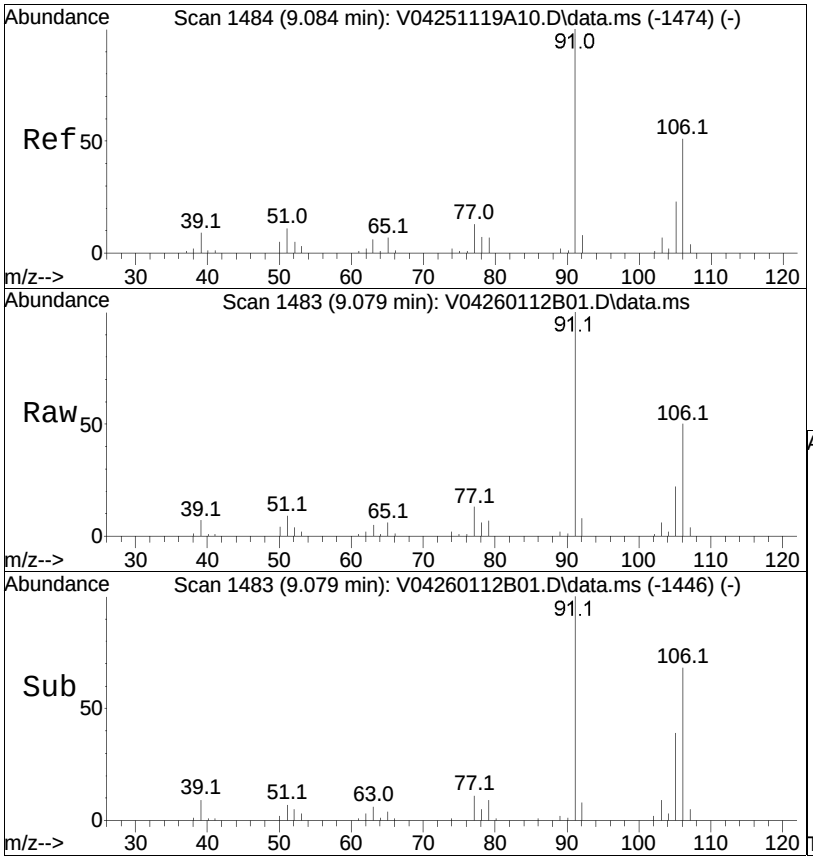


#74
Ethylbenzene
Concen: 48.97 ug/L
RT: 8.895 min Scan# 1448
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 91 Resp: 902644

Ion	Ratio	Lower	Upper
91	100		
106	31.0	25.4	38.2

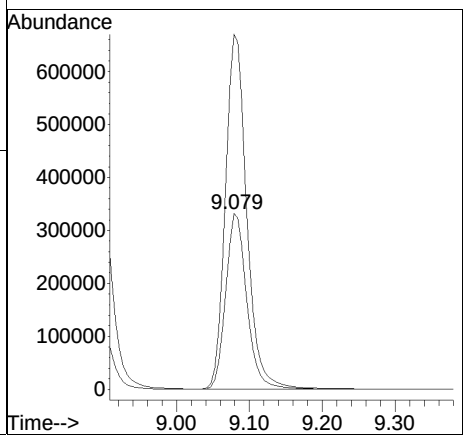


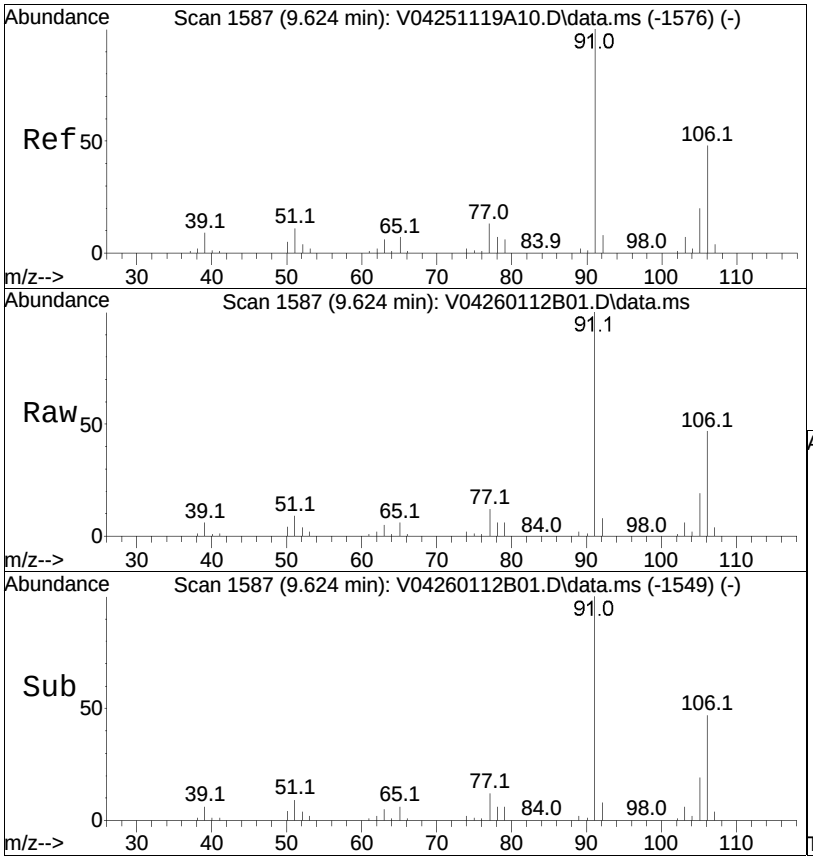


#76
p/m Xylene
Concen: 95.62 ug/L
RT: 9.079 min Scan# 1483
Delta R.T. -0.005 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion:106 Resp: 669135

Ion	Ratio	Lower	Upper
106	100		
91	202.9	157.1	235.7

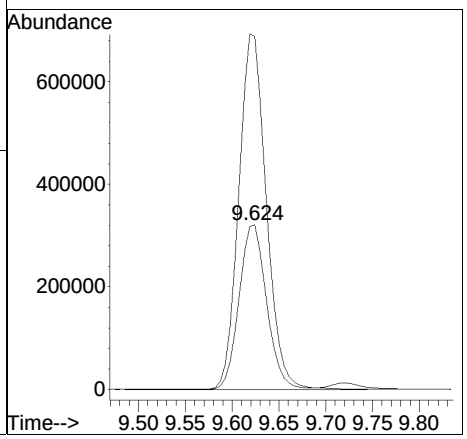


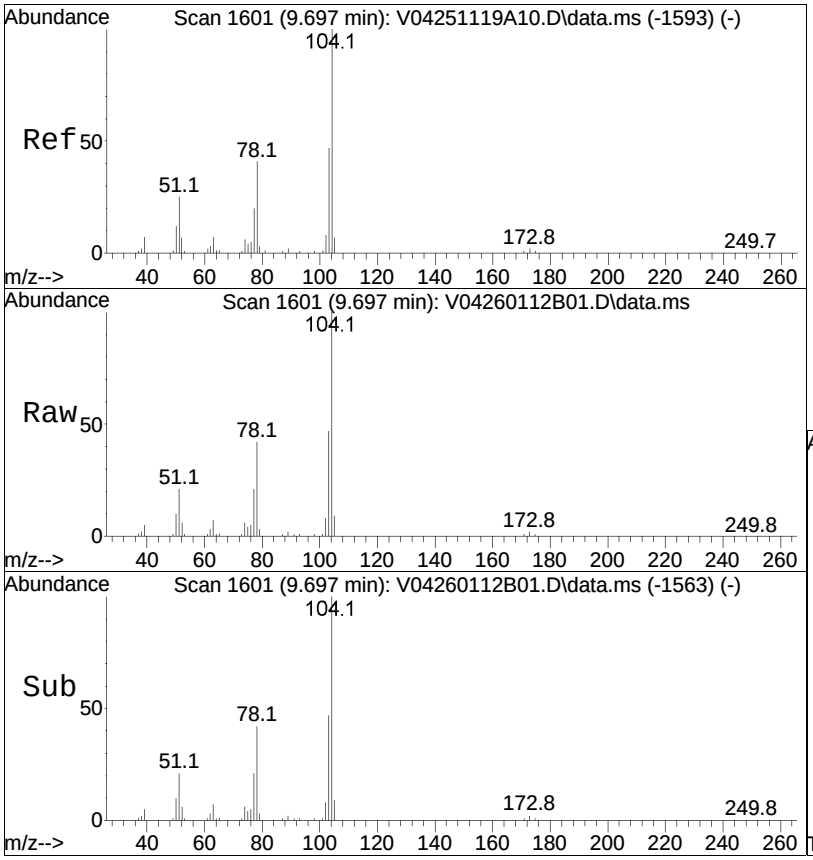


#77
o Xylene
Concen: 93.16 ug/L
RT: 9.624 min Scan# 1587
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion:106 Resp: 661261

Ion	Ratio	Lower	Upper
106	100		
91	213.0	165.9	248.9

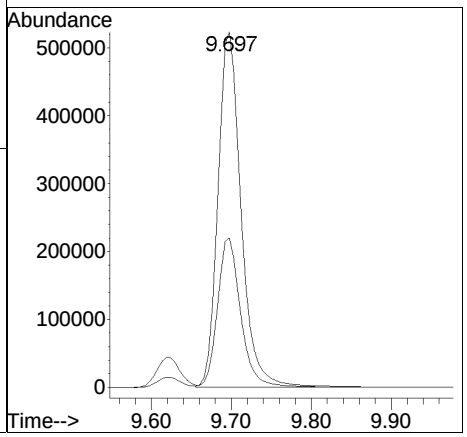


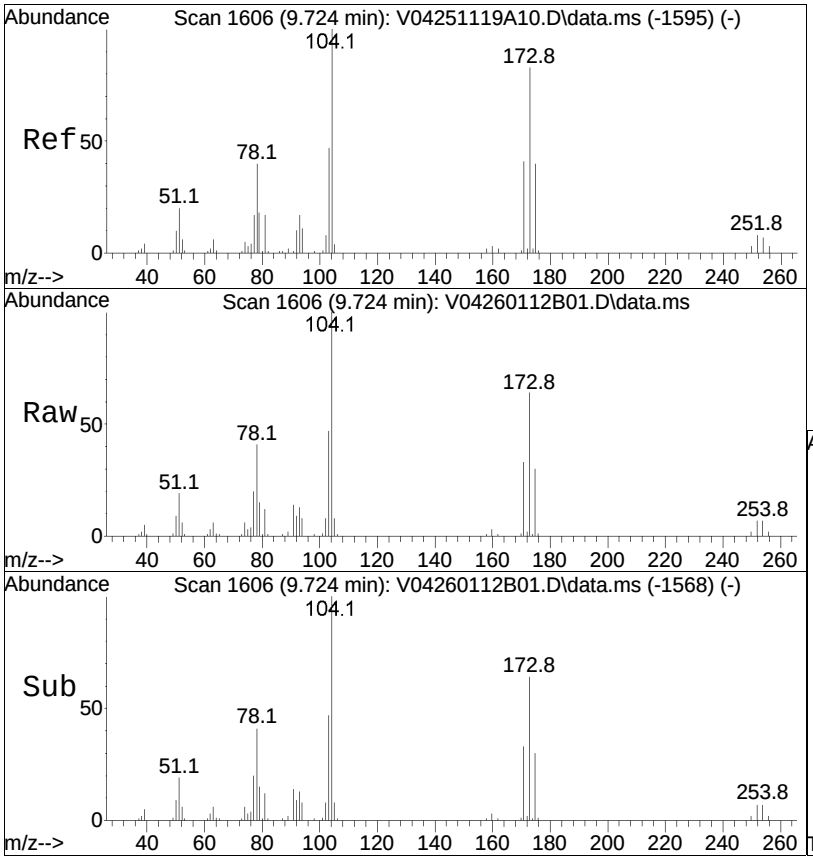


#78
Styrene
Concen: 91.38 ug/L
RT: 9.697 min Scan# 1601
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion:104 Resp: 1049596

Ion	Ratio	Lower	Upper
104	100		
78	42.1	33.0	49.4

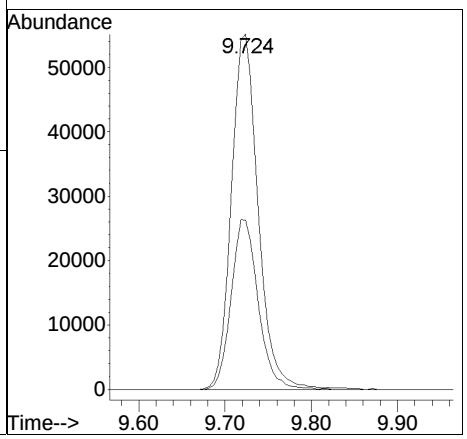


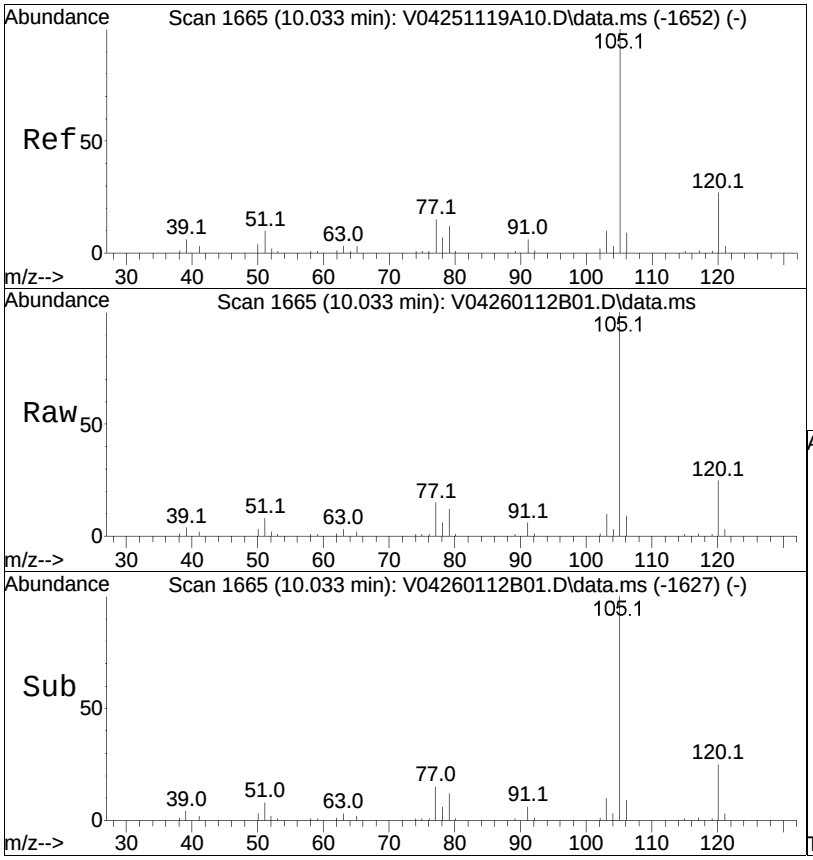


#80
Bromoform
Concen: 40.87 ug/L
RT: 9.724 min Scan# 1606
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion:173 Resp: 119092

Ion	Ratio	Lower	Upper
173	100		
175	48.2	28.2	68.2

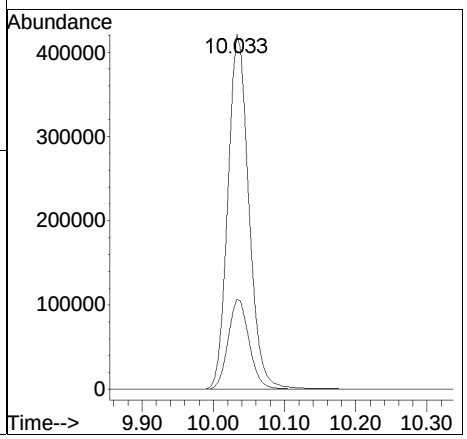


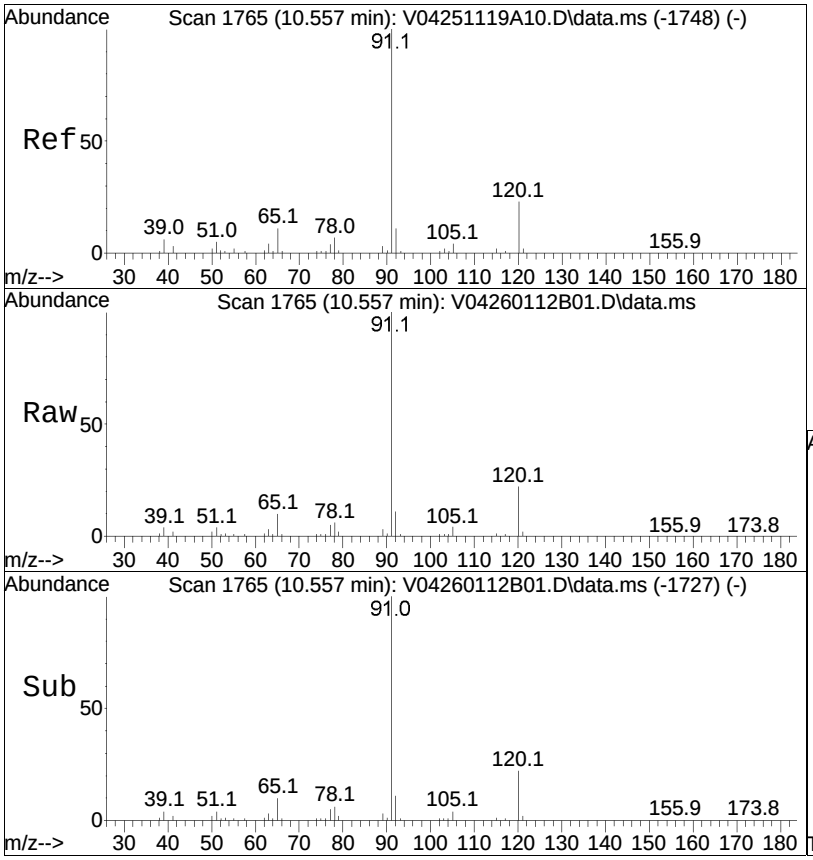


#82
Isopropylbenzene
Concen: 48.64 ug/L
RT: 10.033 min Scan# 1665
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion:105 Resp: 864482

Ion	Ratio	Lower	Upper
105	100		
120	25.5	6.0	46.0

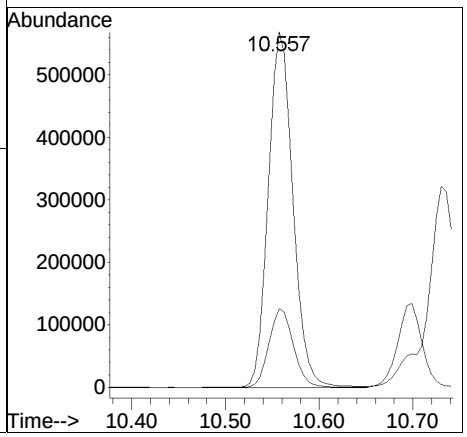


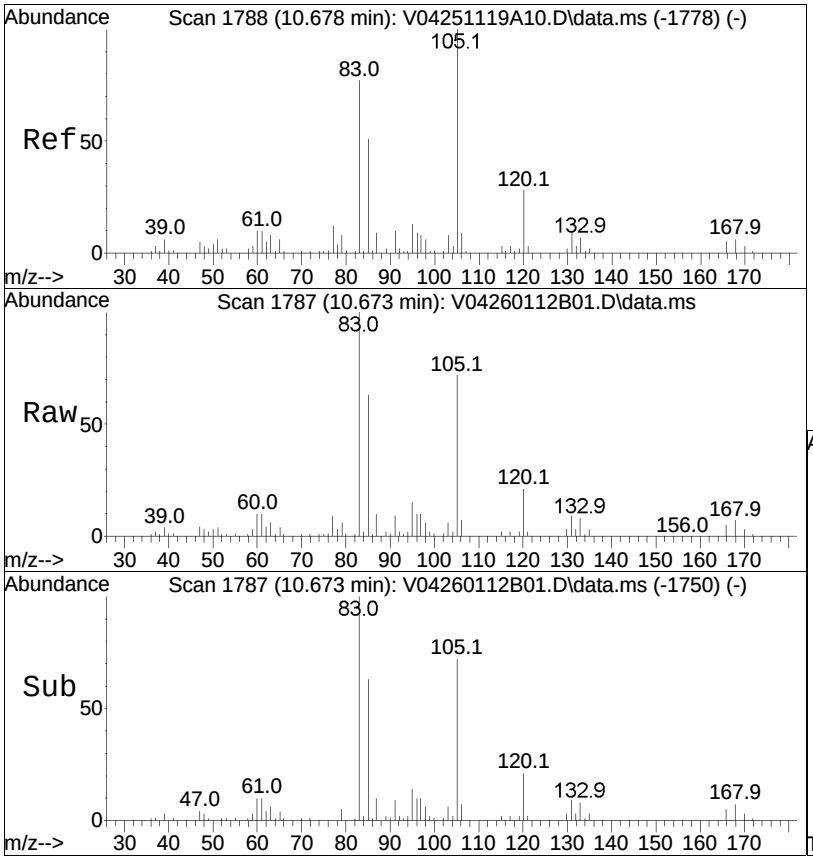


#85
n-Propylbenzene
Concen: 51.22 ug/L
RT: 10.557 min Scan# 1765
Delta R.T. 0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 91 Resp: 1039756

Ion	Ratio	Lower	Upper
91	100		
120	22.0	18.9	28.3

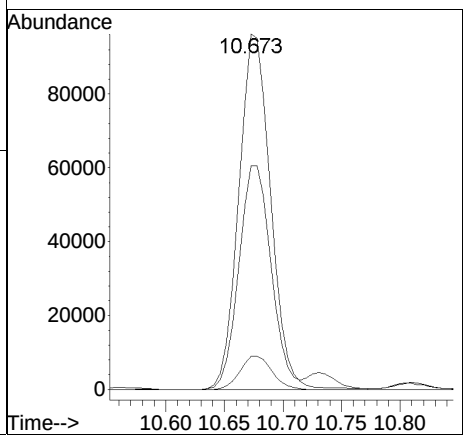


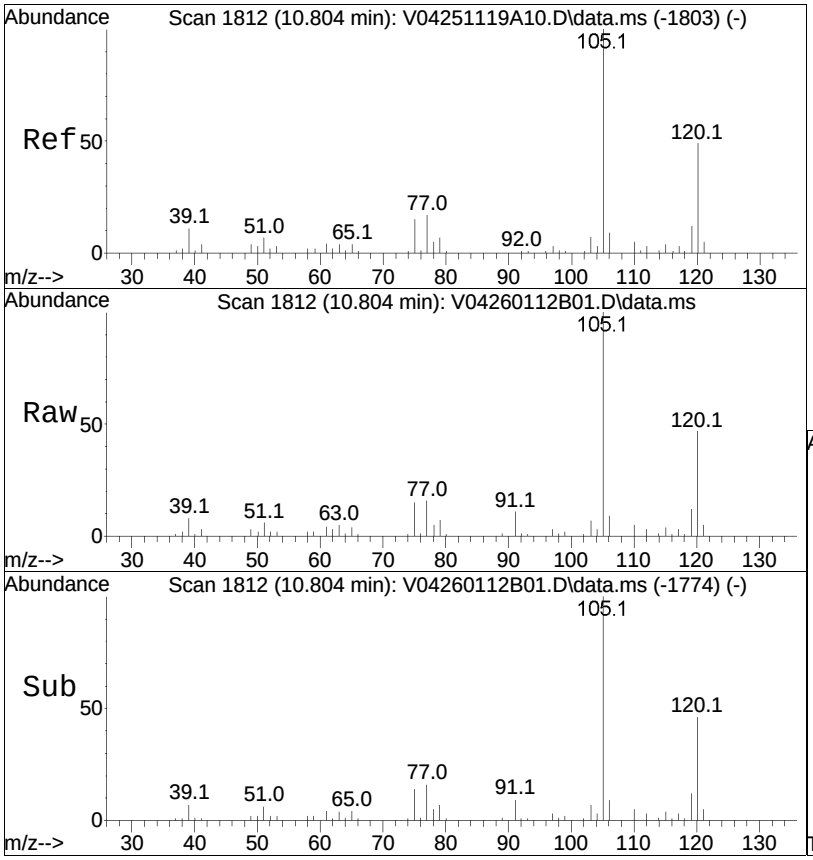


#87
1,1,2,2-Tetrachloroethane
Concen: 44.09 ug/L
RT: 10.673 min Scan# 1787
Delta R.T. -0.005 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 83 Resp: 181759

Ion	Ratio	Lower	Upper
83	100		
131	9.4	0.0	30.7
85	64.1	44.7	84.7

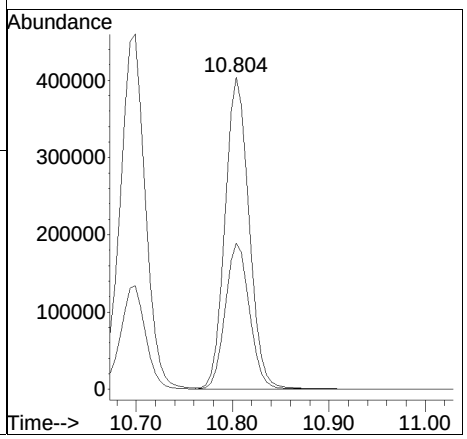


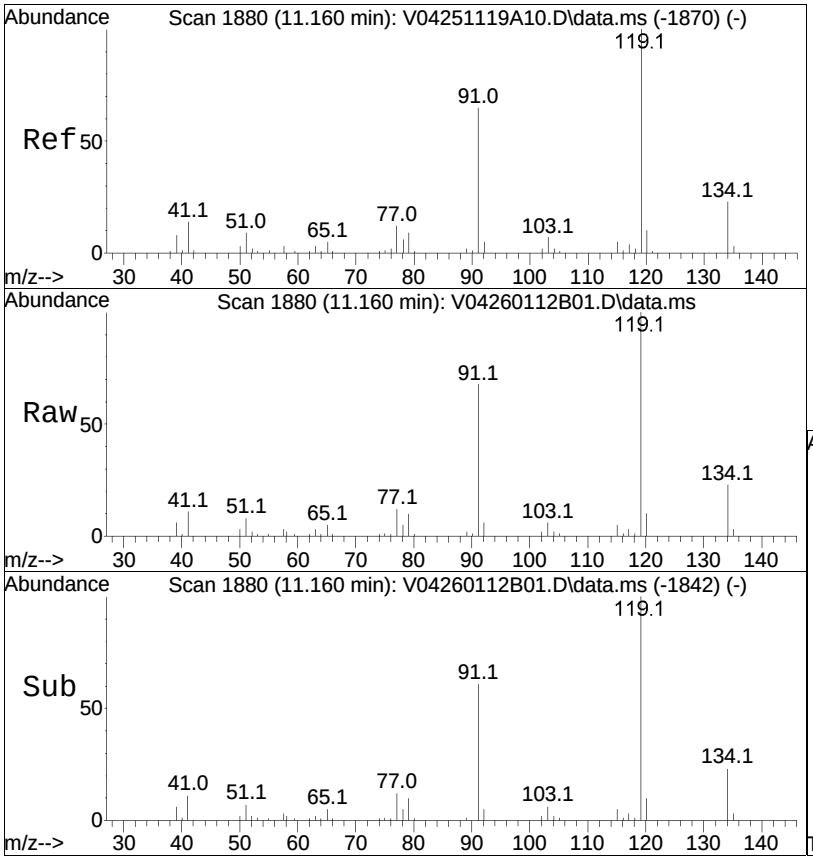


#90
1,3,5-Trimethylbenzene
Concen: 47.91 ug/L
RT: 10.804 min Scan# 1812
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion:105 Resp: 700890

Ion	Ratio	Lower	Upper
105	100		
120	47.0	38.4	57.6

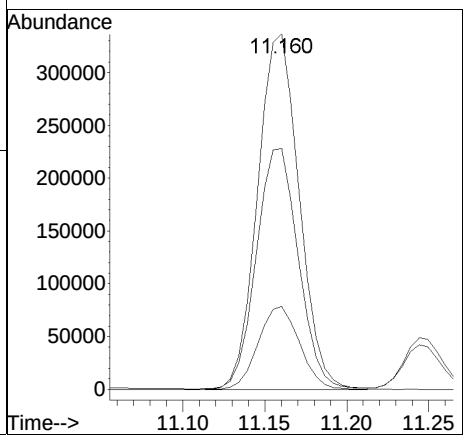


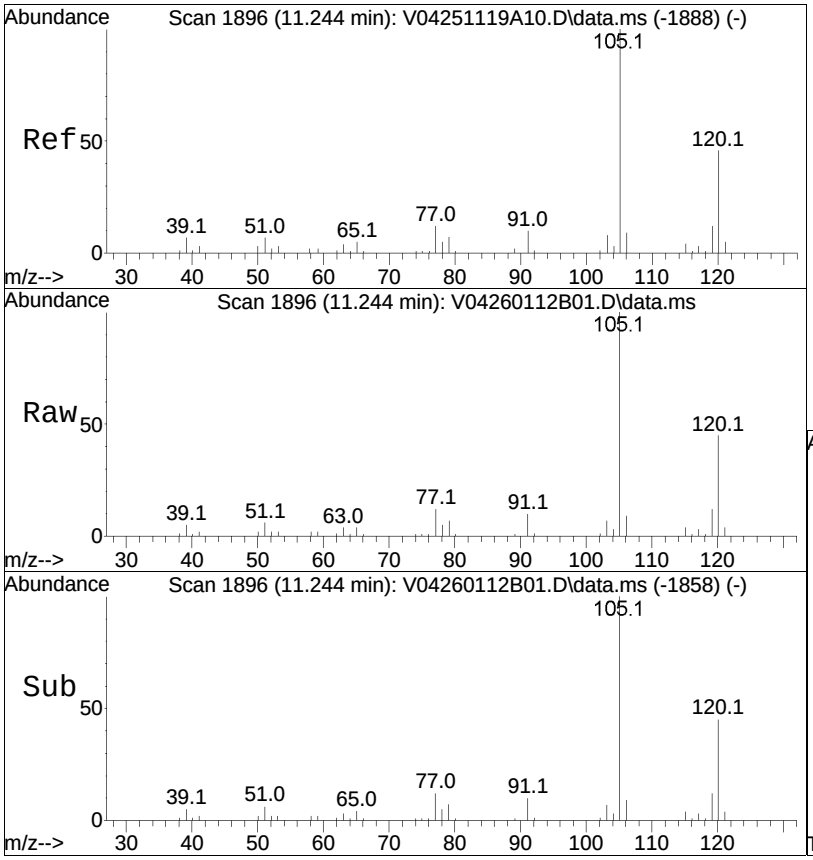


#94
tert-Butylbenzene
Concen: 46.65 ug/L
RT: 11.160 min Scan# 1880
Delta R.T. 0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion:119 Resp: 593141

Ion	Ratio	Lower	Upper
119	100		
91	68.2	53.0	79.6
134	23.2	19.6	29.4

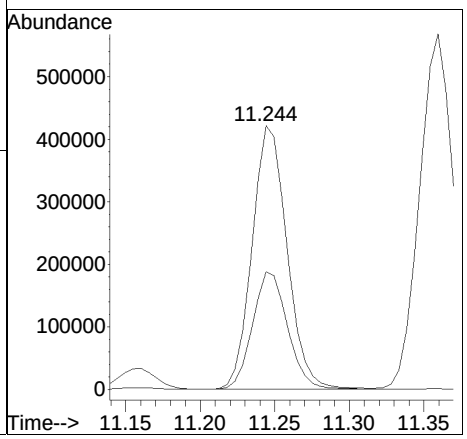


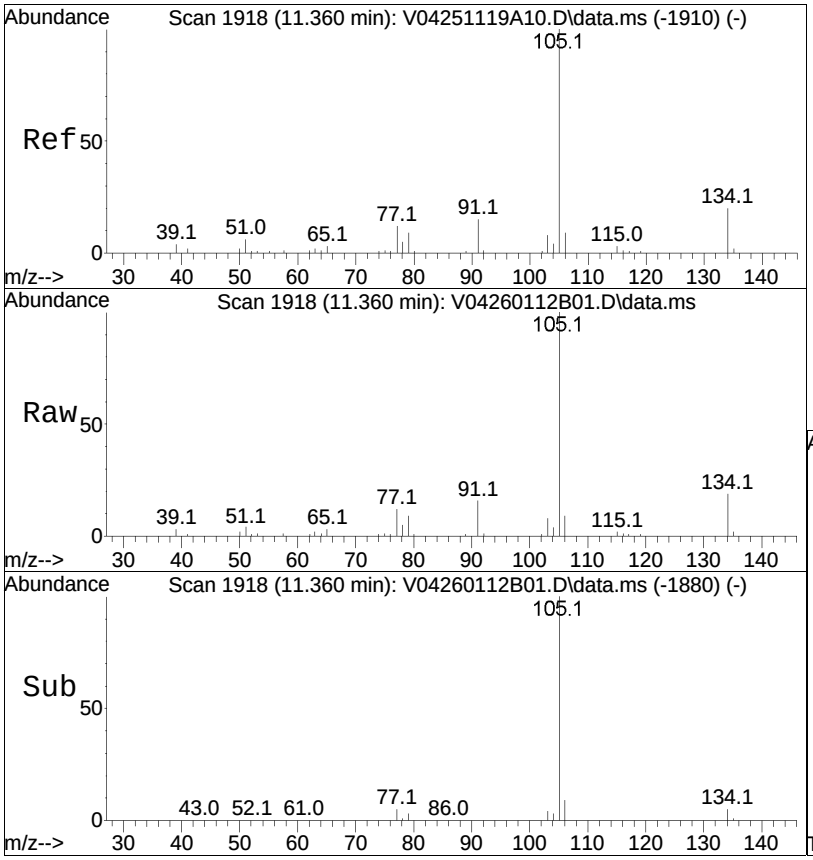


#97
1,2,4-Trimethylbenzene
Concen: 46.66 ug/L
RT: 11.244 min Scan# 1896
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion:105 Resp: 687825

Ion	Ratio	Lower	Upper
105	100		
120	44.7	36.4	54.6

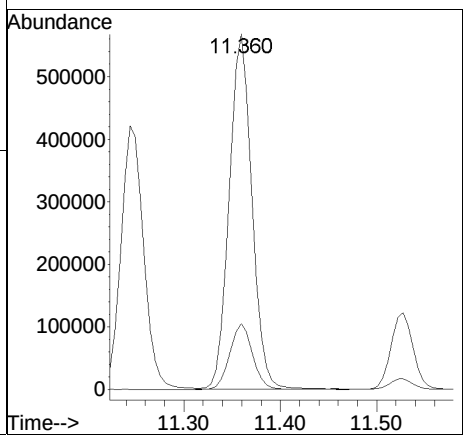


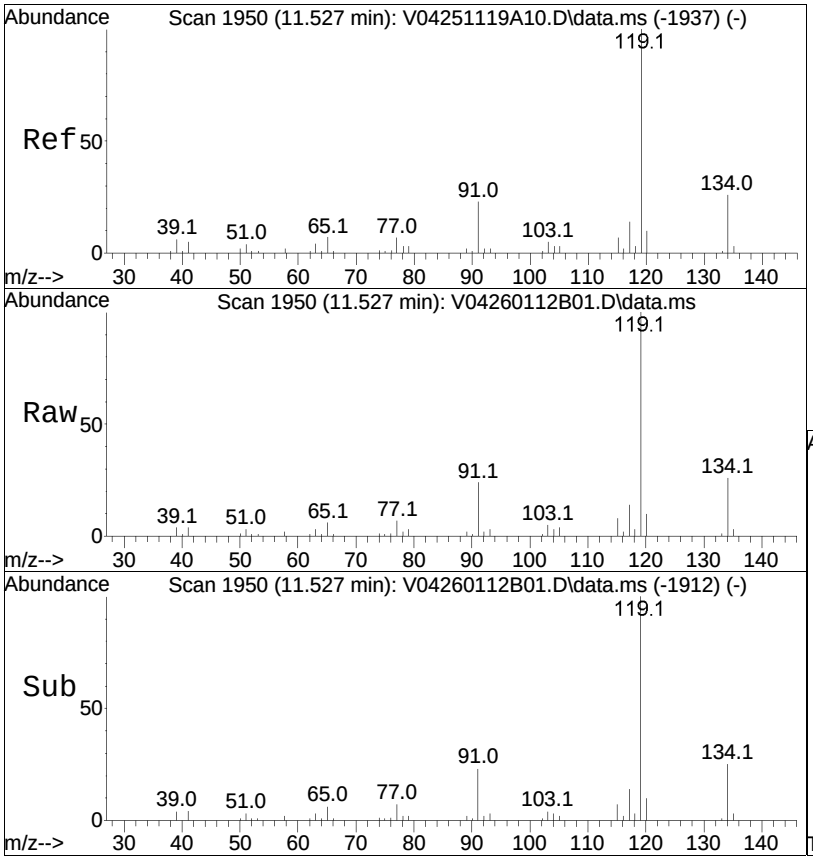


#98
sec-Butylbenzene
Concen: 49.72 ug/L
RT: 11.360 min Scan# 1918
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion:105 Resp: 926366

Ion	Ratio	Lower	Upper
105	100		
134	18.5	12.9	26.9

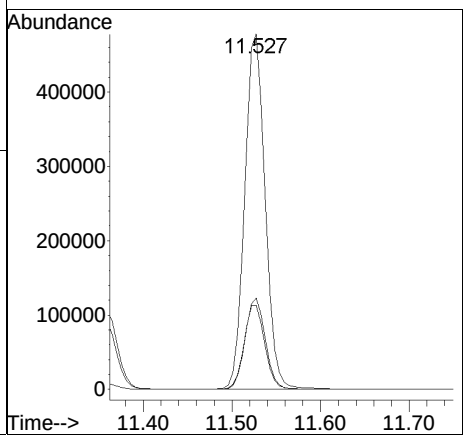


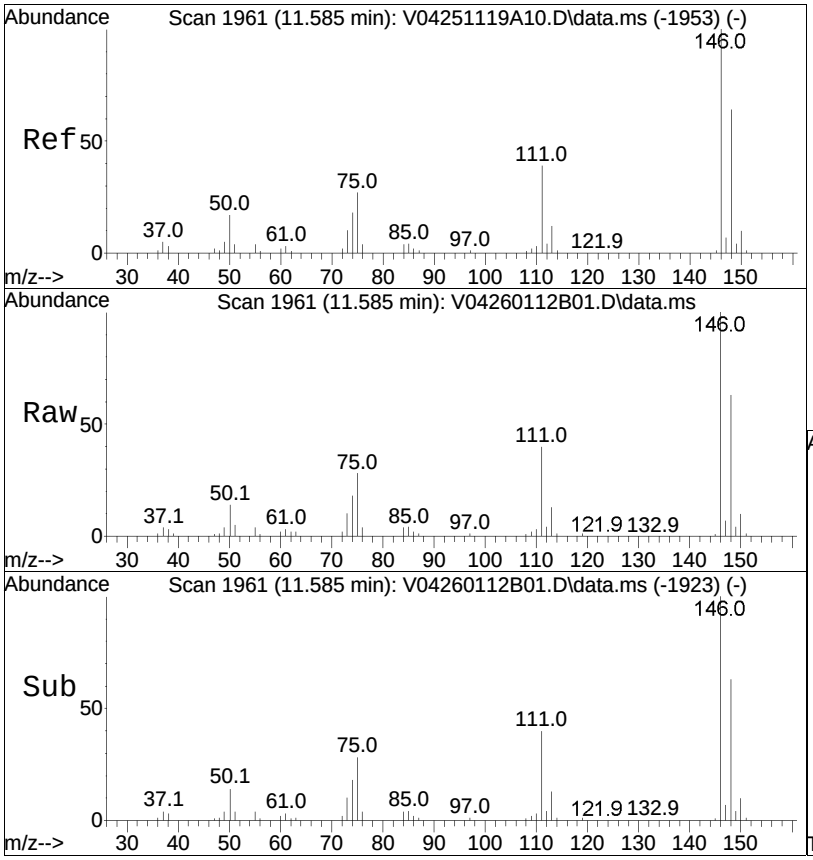


#99
p-Isopropyltoluene
Concen: 47.74 ug/L
RT: 11.527 min Scan# 1950
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion:119 Resp: 769035

Ion	Ratio	Lower	Upper
119	100		
134	25.6	17.1	35.5
91	23.8	14.8	30.6

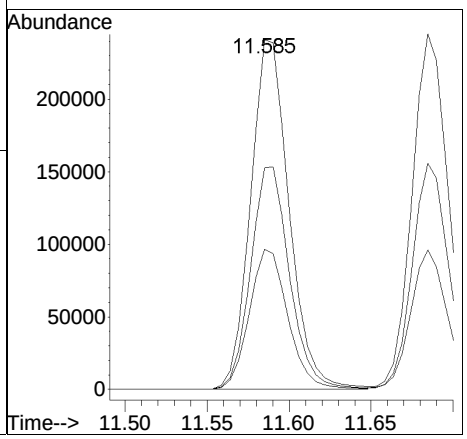


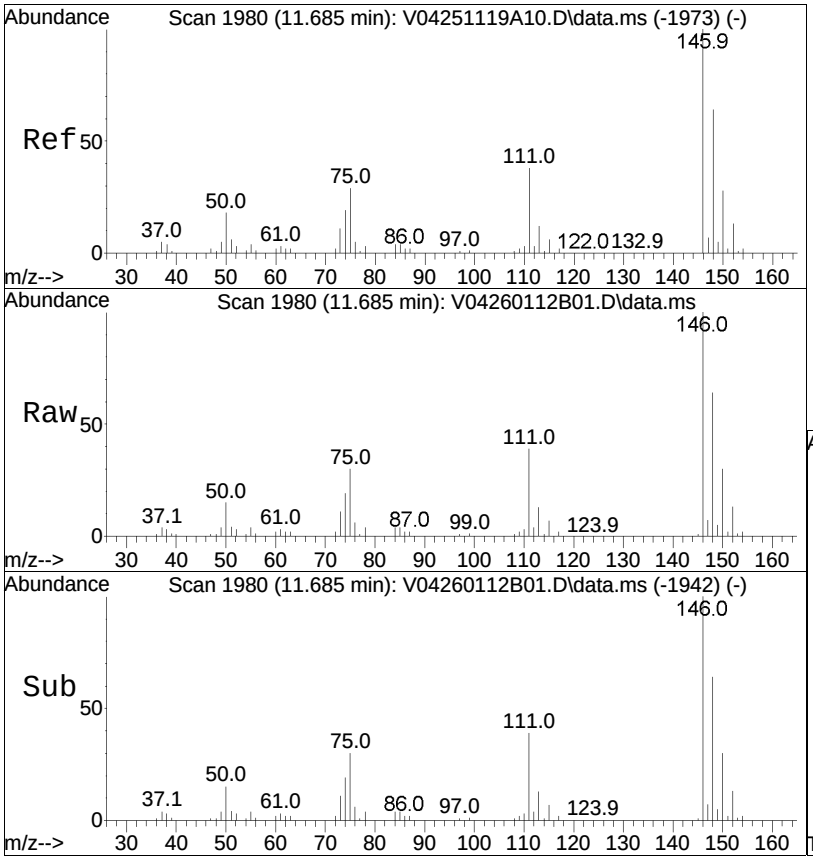


#100
1,3-Dichlorobenzene
Concen: 45.05 ug/L
RT: 11.585 min Scan# 1961
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion:146 Resp: 393829

Ion	Ratio	Lower	Upper
146	100		
111	40.2	24.8	51.6
148	64.2	41.6	86.4

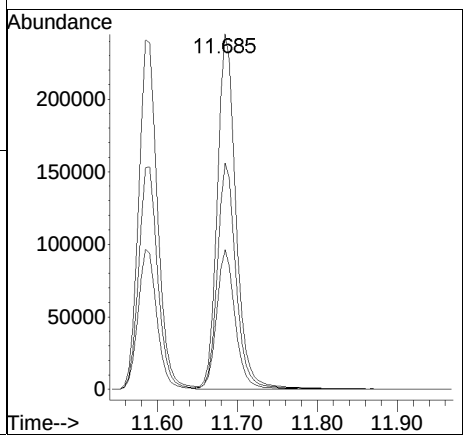


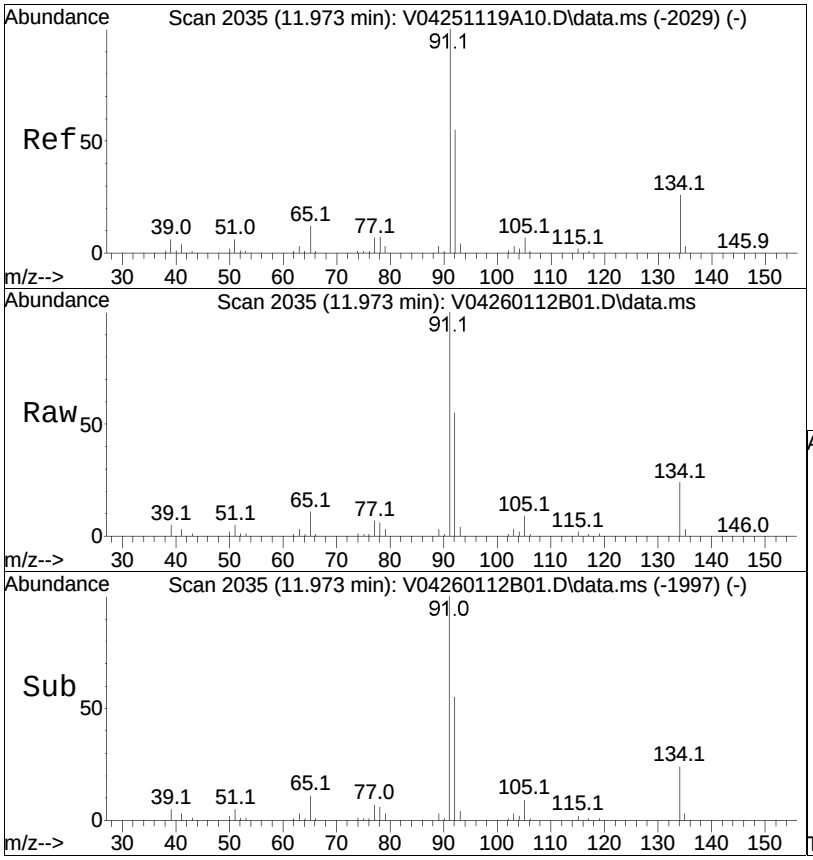


#101
1,4-Dichlorobenzene
Concen: 43.70 ug/L
RT: 11.685 min Scan# 1980
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion:146 Resp: 397181

Ion	Ratio	Lower	Upper
146	100		
111	38.8	30.2	45.2
148	63.5	50.6	76.0

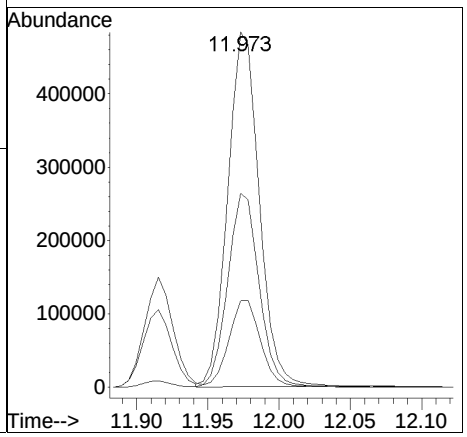


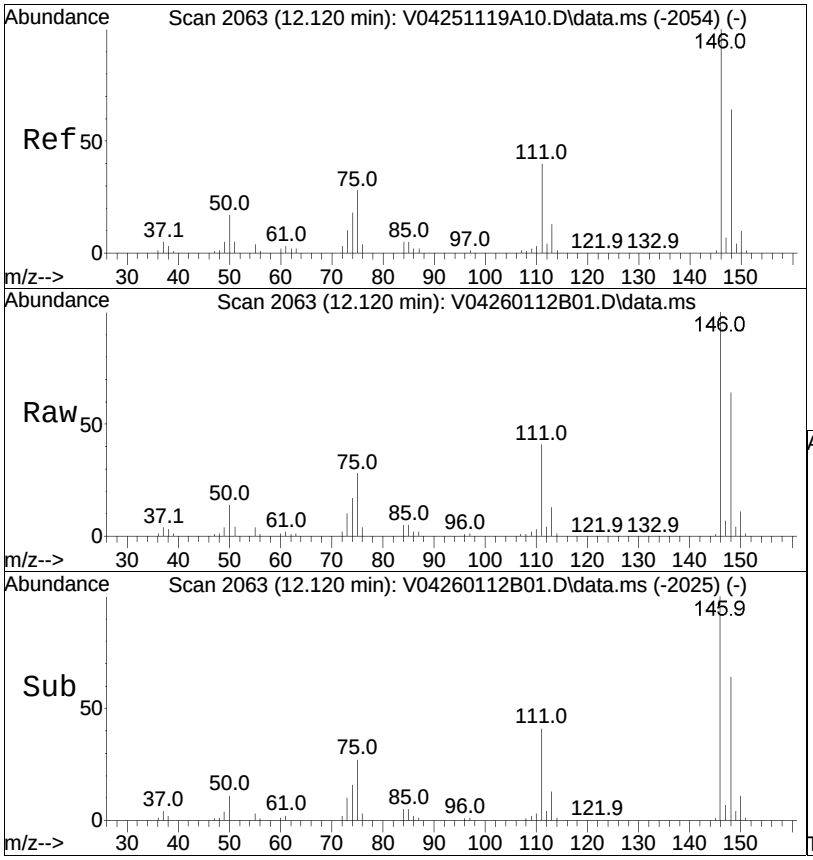


#103
n-Butylbenzene
Concen: 51.77 ug/L
RT: 11.973 min Scan# 2035
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion: 91 Resp: 743911

Ion	Ratio	Lower	Upper
91	100		
92	55.1	43.4	65.2
134	24.7	21.5	32.3

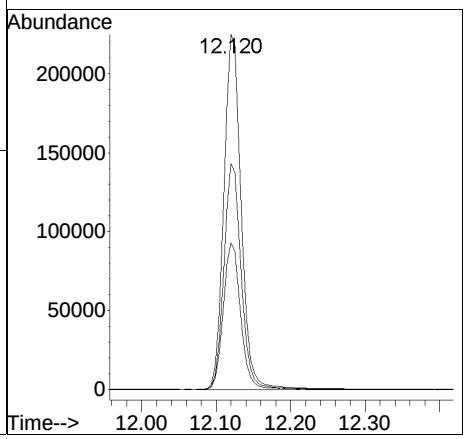


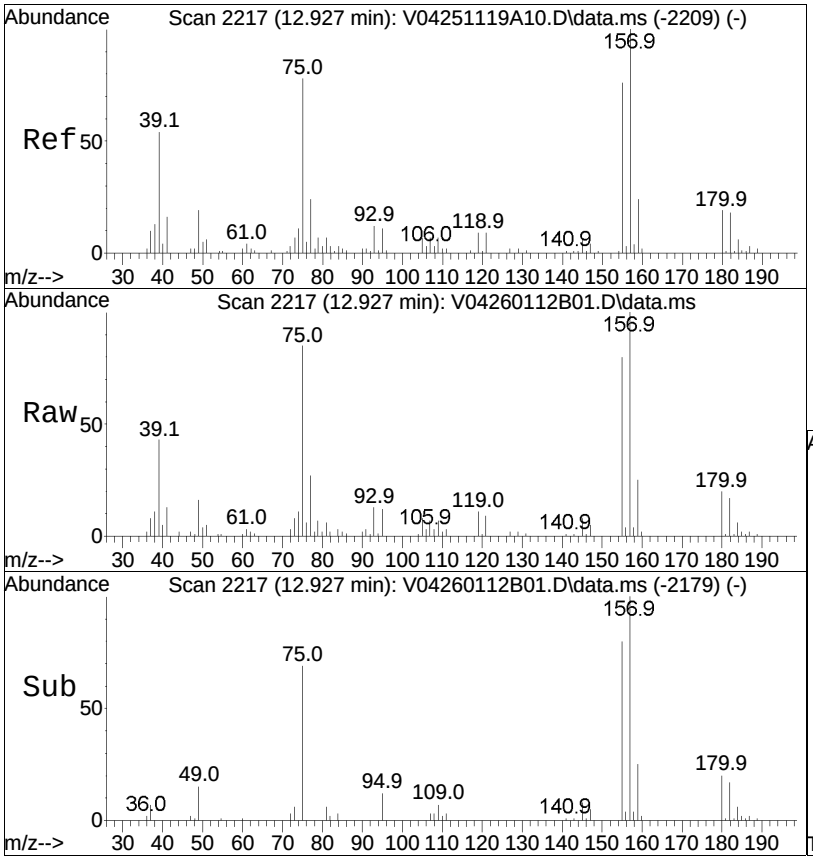


#104
1,2-Dichlorobenzene
Concen: 43.49 ug/L
RT: 12.120 min Scan# 2063
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion:146 Resp: 365196

Ion	Ratio	Lower	Upper
146	100		
111	41.3	25.5	52.9
148	63.1	40.8	84.8

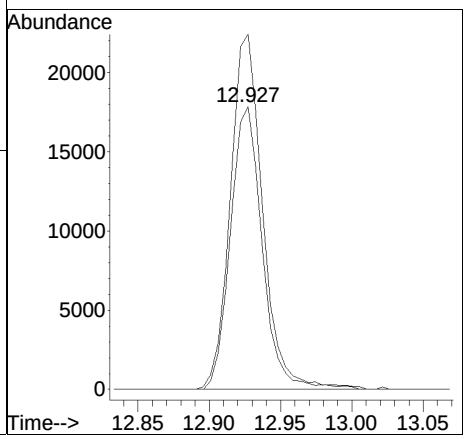


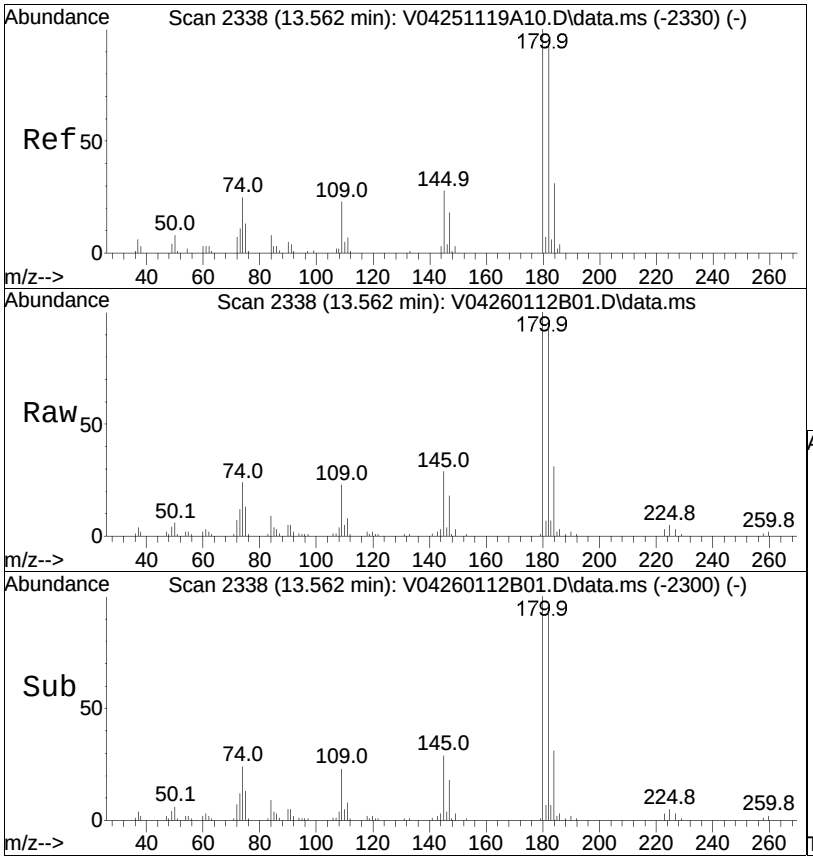


#106
1,2-Dibromo-3-chloropropane
Concen: 41.24 ug/L
RT: 12.927 min Scan# 2217
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion:155 Resp: 27768

Ion	Ratio	Lower	Upper
155	100		
157	127.7	103.2	154.8

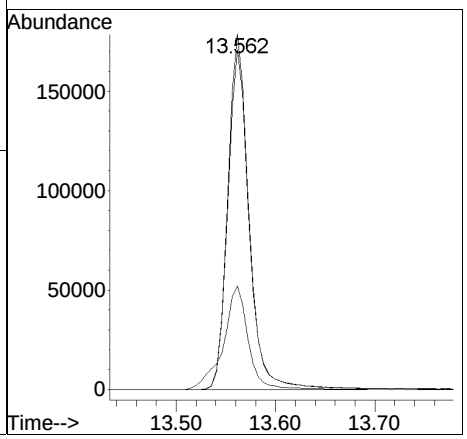


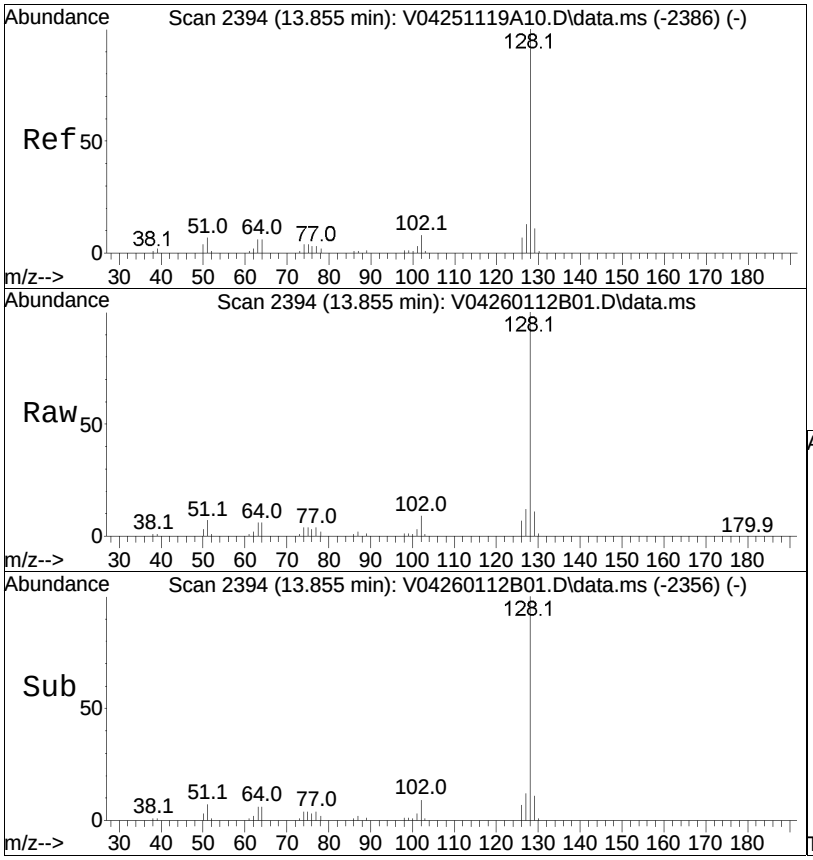


#109
1,2,4-Trichlorobenzene
Concen: 48.17 ug/L
RT: 13.562 min Scan# 2338
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion:180 Resp: 266631

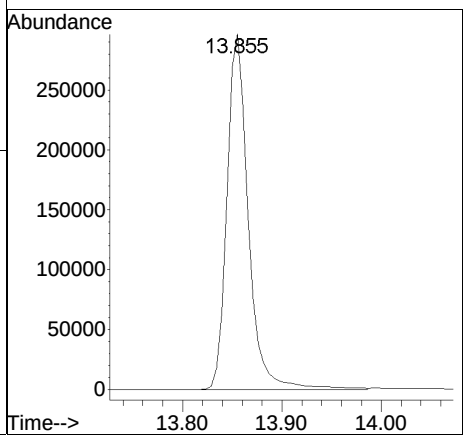
Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.0	115.4
145	34.0	28.4	42.6





#110
Naphthalene
Concen: 44.34 ug/L
RT: 13.855 min Scan# 2394
Delta R.T. -0.000 min
Lab File: V04260112B01.D
Acq: 12 Jan 2026 10:34 am

Tgt Ion:128 Resp: 443511



Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A02.D
Acq On : 09 Jan 2026 08:56 am
Operator : VOA100:AJK
Sample : WG2164110-4,31,5,5
Misc : WG2164110,ICAL22914
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 09 09:20:54 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	6.227	96	149949	20.000 ug/L	0.00
Standard Area 1 = 151439			Recovery = 99.02%		
60) Chlorobenzene-d5	9.793	117	122090	20.000 ug/L	0.00
Standard Area 1 = 117500			Recovery = 103.91%		
80) 1,4-Dichlorobenzene-d4	12.461	152	72689	20.000 ug/L	0.00
Standard Area 1 = 67544			Recovery = 107.62%		
System Monitoring Compounds					
37) Dibromofluoromethane	5.409	113	40369	19.380 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.90%		
44) 1,2-Dichloroethane-d4	5.934	65	43510	21.018 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.09%		
61) Toluene-d8	7.937	98	156904	19.999 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.99%		
84) 4-Bromofluorobenzene	11.261	95	61045	21.073 ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.36%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.781	85	94492M1	42.205 ug/L	
3) Chloromethane	2.012	50	118694	50.988 ug/L	96
4) Vinyl chloride	2.054	62	114142	49.442 ug/L	85
5) Bromomethane	2.374	94	59184	49.106 ug/L	99
6) Chloroethane	2.500	64	68254	47.240 ug/L	87
7) Trichlorofluoromethane	2.646	101	143956	45.293 ug/L	99
10) 1,1-Dichloroethene	3.150	96	80697	43.124 ug/L	96
11) Carbon disulfide	3.186	76	311640	41.049 ug/L	100
12) Freon-113	3.186	101	81276	43.593 ug/L	96
15) Methylene chloride	3.700	84	94757	40.892 ug/L	74
17) Acetone	3.726	43	33544	32.170 ug/L #	86
18) trans-1,2-Dichloroethene	3.863	96	91340	42.534 ug/L	98
19) Methyl acetate	3.852	43	64405	46.245 ug/L #	77
20) Methyl tert-butyl ether	3.957	73	262956	43.841 ug/L #	89
23) 1,1-Dichloroethane	4.445	63	175788	45.687 ug/L	99
28) cis-1,2-Dichloroethene	4.964	96	99772	41.924 ug/L	99
32) Cyclohexane	5.189	56	168981	49.206 ug/L	88
33) Chloroform	5.231	83	179112	43.640 ug/L	95
35) Carbon tetrachloride	5.383	117	137559	42.714 ug/L	98
38) 1,1,1-Trichloroethane	5.446	97	148662	44.862 ug/L	99

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A02.D
Acq On : 09 Jan 2026 08:56 am
Operator : VOA100:AJK
Sample : WG2164110-4,31,5,5
Misc : WG2164110,ICAL22914
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 09 09:20:54 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) 2-Butanone	5.509	43	44824	49.976	ug/L	#	89
42) Benzene	5.813	78	357150	45.024	ug/L		95
45) 1,2-Dichloroethane	6.007	62	130666	46.081	ug/L		99
48) Methyl cyclohexane	6.421	83	163846	45.587	ug/L		87
49) Trichloroethene	6.416	95	98797	45.113	ug/L		98
52) 1,2-Dichloropropane	6.956	63	97675	45.933	ug/L		99
55) Bromodichloromethane	7.024	83	138955	44.782	ug/L		99
59) cis-1,3-Dichloropropene	7.716	75	162189	45.591	ug/L	#	78
62) Toluene	8.000	92	229001	42.383	ug/L		96
63) 4-Methyl-2-pentanone	8.408	58	30257	44.098	ug/L	#	38
64) Tetrachloroethene	8.461	166	101471	38.920	ug/L		98
66) trans-1,3-Dichloropropene	8.466	75	147232	44.632	ug/L		85
69) 1,1,2-Trichloroethane	8.655	83	67089	43.251	ug/L		98
70) Chlorodibromomethane	8.875	129	102871	40.935	ug/L		100
72) 1,2-Dibromoethane	9.153	107	79466	41.421	ug/L		98
73) 2-Hexanone	9.426	43	62173	44.844	ug/L	#	77
74) Chlorobenzene	9.814	112	252765	40.941	ug/L		98
75) Ethylbenzene	9.856	91	439309	42.915	ug/L		100
77) p/m Xylene	10.044	106	341026	85.180	ug/L		99
78) o Xylene	10.574	106	331373	83.742	ug/L		100
79) Styrene	10.637	104	571186	85.784	ug/L		100
81) Bromoform	10.653	173	68325	37.117	ug/L		99
83) Isopropylbenzene	10.951	105	449198	42.074	ug/L		100
86) n-Propylbenzene	11.423	91	531368	43.708	ug/L		98
88) 1,1,2,2-Tetrachloroethane	11.491	83	107856	42.841	ug/L		97
91) 1,3,5-Trimethylbenzene	11.643	105	385276	42.617	ug/L		100
95) tert-Butylbenzene	11.984	119	321944	41.001	ug/L		99
98) 1,2,4-Trimethylbenzene	12.058	105	376260	42.068	ug/L		99
99) sec-Butylbenzene	12.173	105	506069	43.383	ug/L		98
100) p-Isopropyltoluene	12.325	119	424576	42.155	ug/L		99
101) 1,3-Dichlorobenzene	12.383	146	220780	39.739	ug/L		99
102) 1,4-Dichlorobenzene	12.477	146	224736	39.880	ug/L		99
104) n-Butylbenzene	12.750	91	403586	45.029	ug/L		99
105) 1,2-Dichlorobenzene	12.897	146	208469	39.827	ug/L		99
107) 1,2-Dibromo-3-chloropr...	13.667	155	18629	36.259	ug/L		91
110) 1,2,4-Trichlorobenzene	14.307	180	152999	38.896	ug/L		99
111) Naphthalene	14.595	128	315222	39.542	ug/L		100

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

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A02.D
Acq On : 09 Jan 2026 08:56 am
Operator : VOA100:AJK
Sample : WG2164110-4,31,5,5
Misc : WG2164110,ICAL22914
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 09 09:20:54 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

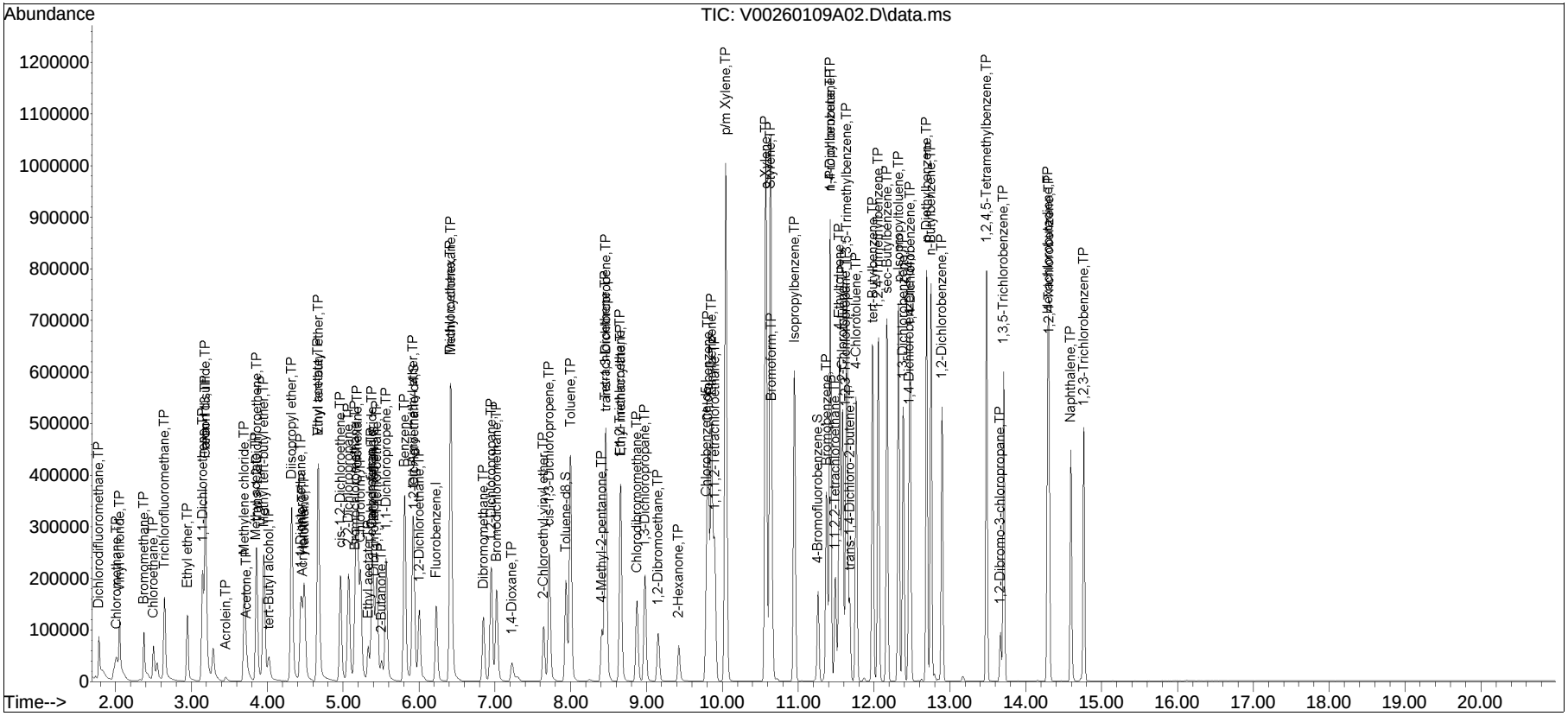
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

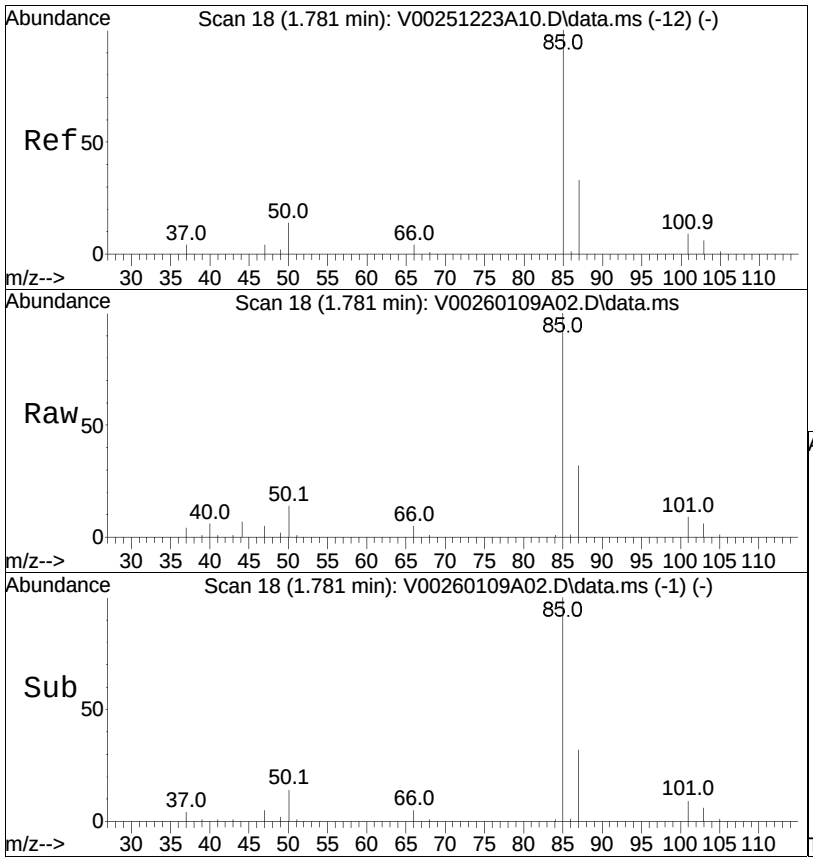
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A02.D
Acq On : 09 Jan 2026 08:56 am
Operator : VOA100:AJK
Sample : WG2164110-4,31,5,5
Misc : WG2164110,ICAL22914
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 09 09:20:54 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox09A01.D•

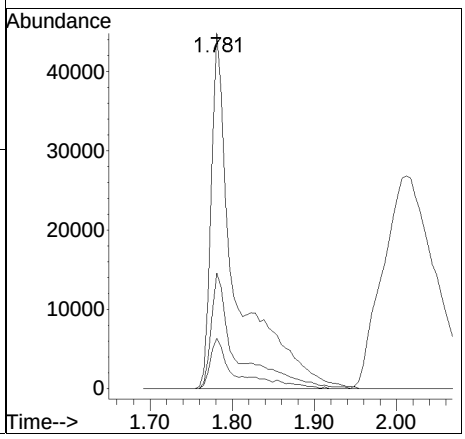


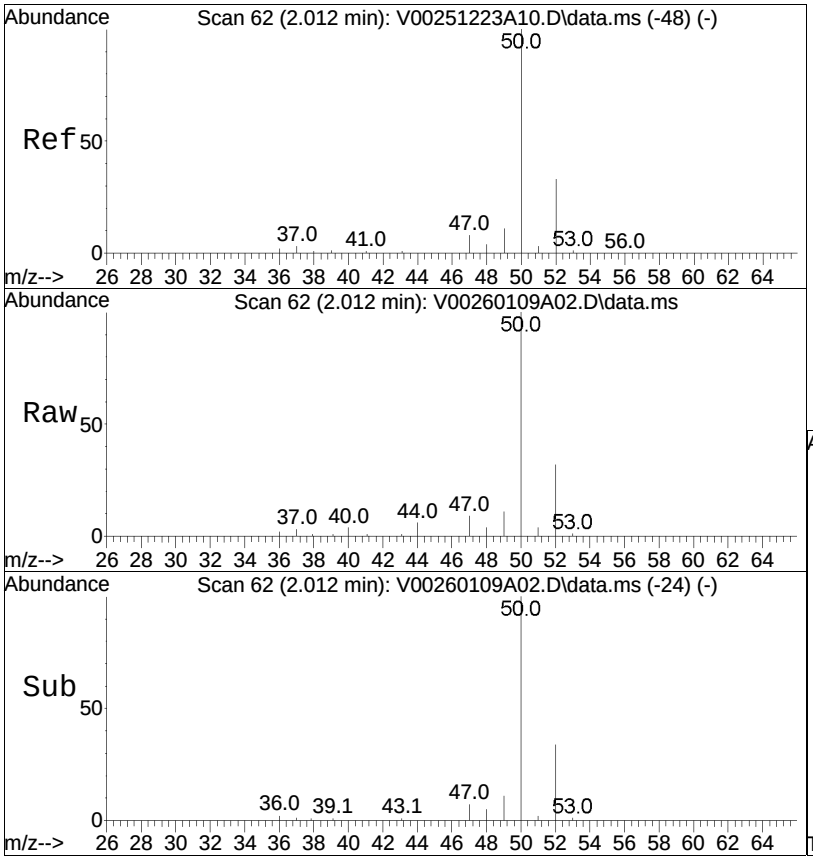


#2
Dichlorodifluoromethane
Concen: 42.21 ug/L M1
RT: 1.781 min Scan# 18
Delta R.T. -0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 85 Resp: 94492

Ion	Ratio	Lower	Upper
85	100		
87	33.0	14.6	30.2#
50	14.3	6.1	12.7#

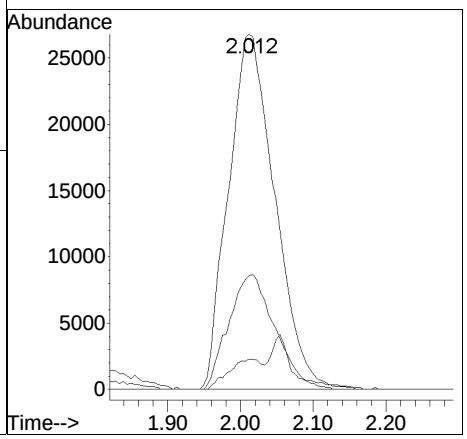


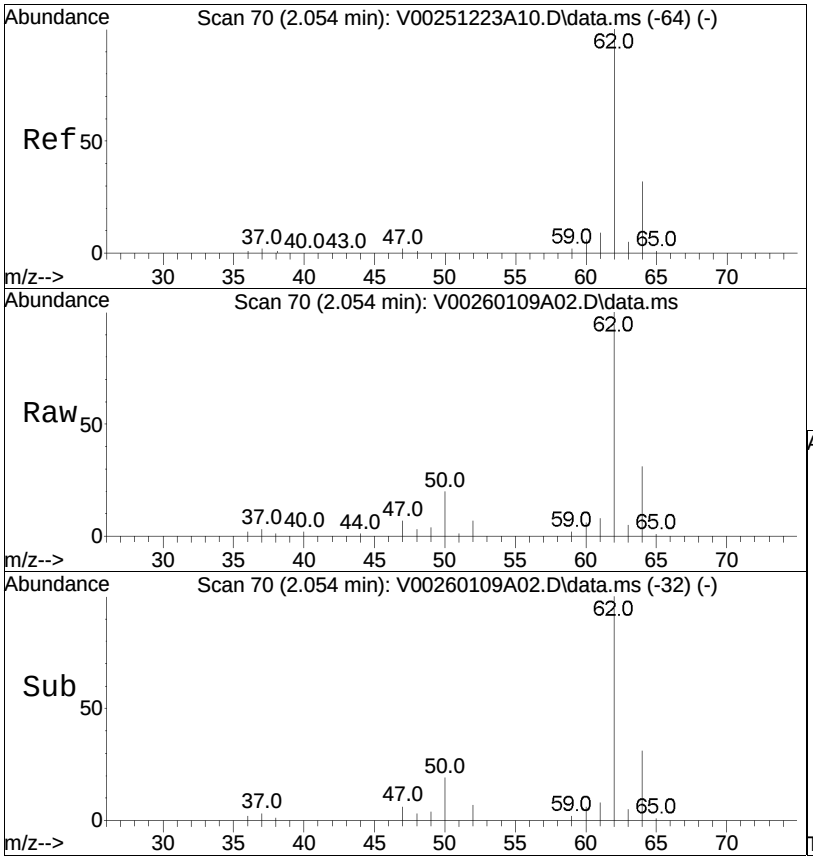


#3
Chloromethane
Concen: 50.99 ug/L
RT: 2.012 min Scan# 62
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 50 Resp: 118694

Ion	Ratio	Lower	Upper
50	100		
52	32.2	14.2	54.2
47	6.3	0.0	28.0

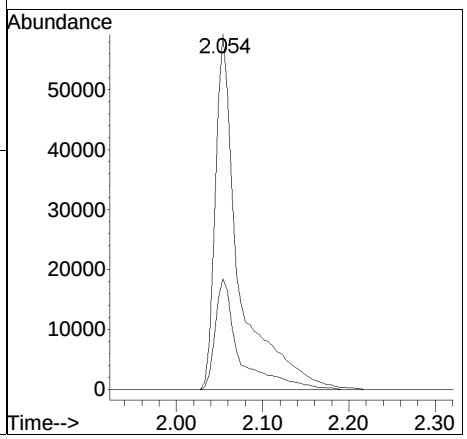


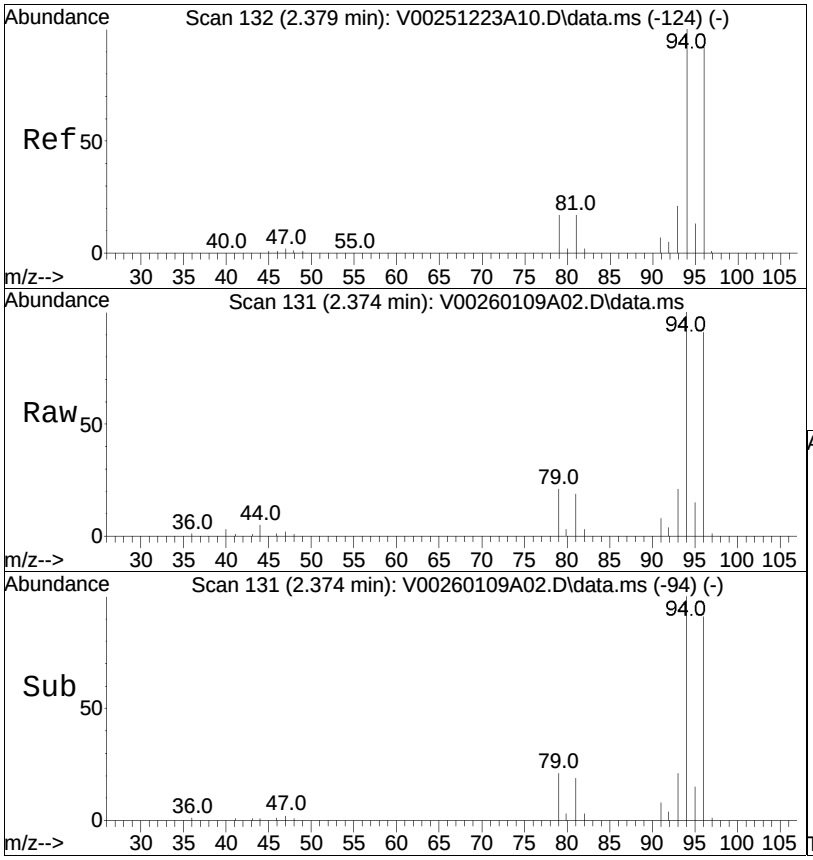


#4
Vinyl chloride
Concen: 49.44 ug/L
RT: 2.054 min Scan# 70
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 62 Resp: 114142

Ion	Ratio	Lower	Upper
62	100		
64	31.8	4.4	44.4

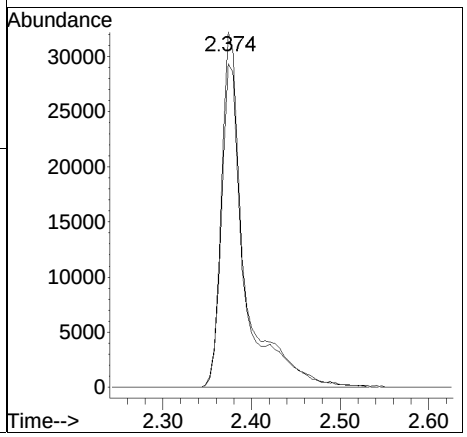


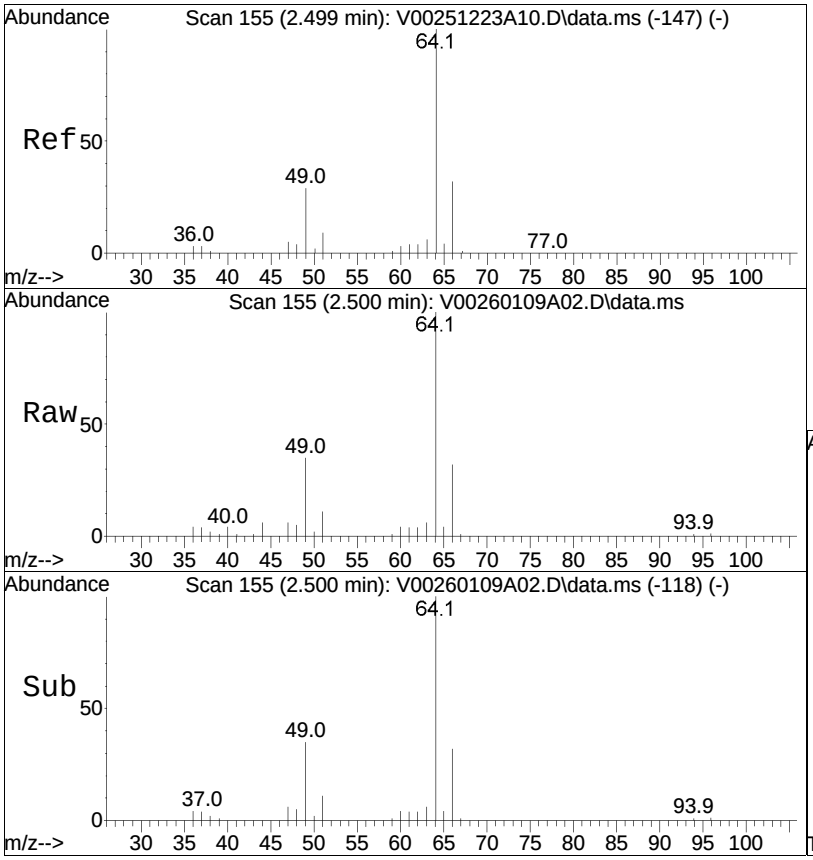


#5
Bromomethane
Concen: 49.11 ug/L
RT: 2.374 min Scan# 131
Delta R.T. -0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 94 Resp: 59184

Ion	Ratio	Lower	Upper
94	100		
96	91.7	72.4	112.4

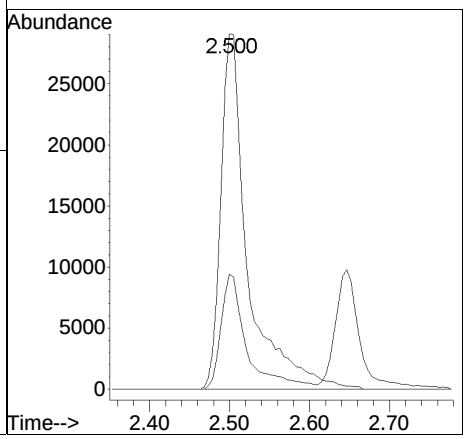


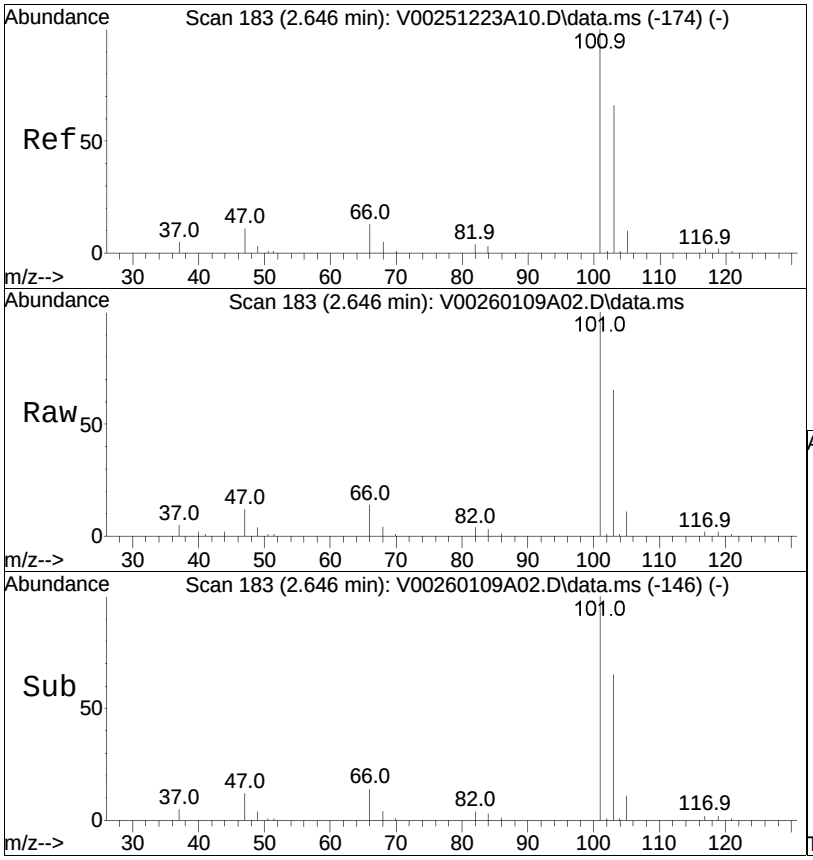


#6
Chloroethane
Concen: 47.24 ug/L
RT: 2.500 min Scan# 155
Delta R.T. -0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 64 Resp: 68254

Ion	Ratio	Lower	Upper
64	100		
66	31.2	4.8	44.8

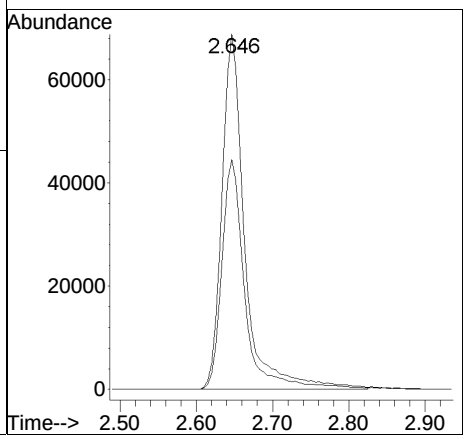


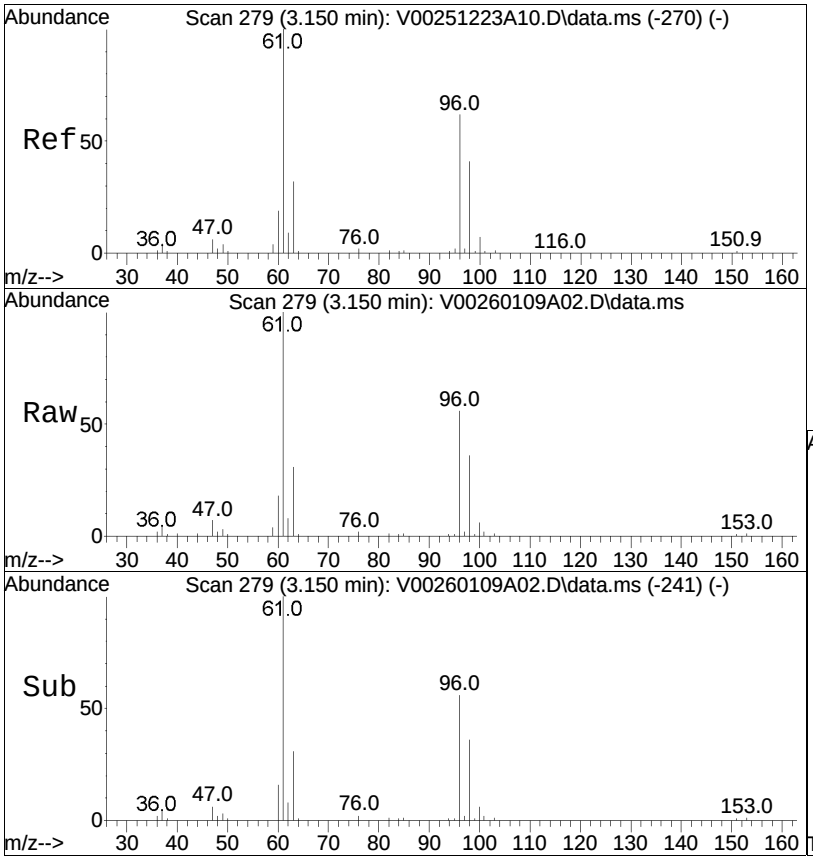


#7
Trichlorofluoromethane
Concen: 45.29 ug/L
RT: 2.646 min Scan# 183
Delta R.T. -0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:101 Resp: 143956

Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.5	77.3

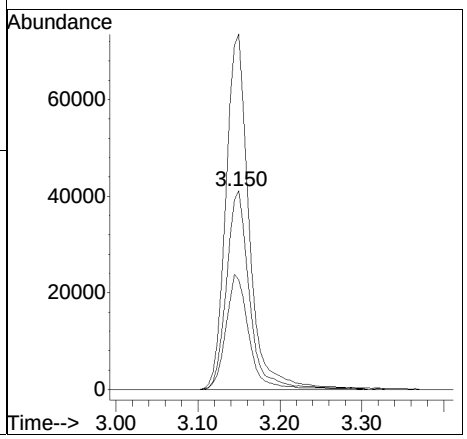


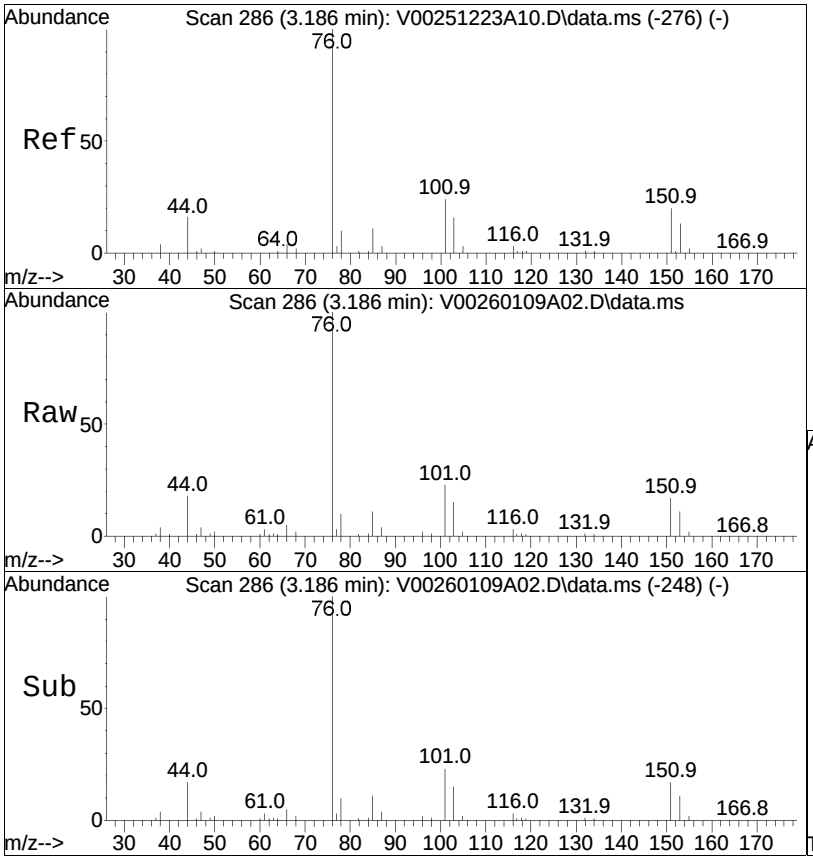


#10
1,1-Dichloroethene
Concen: 43.12 ug/L
RT: 3.150 min Scan# 279
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 96 Resp: 80697

Ion	Ratio	Lower	Upper
96	100		
61	180.3	149.4	224.2
63	57.6	47.0	70.6

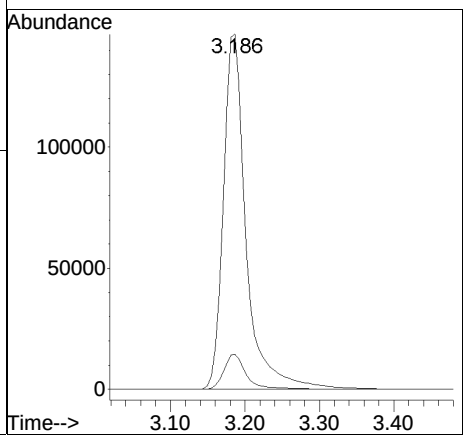


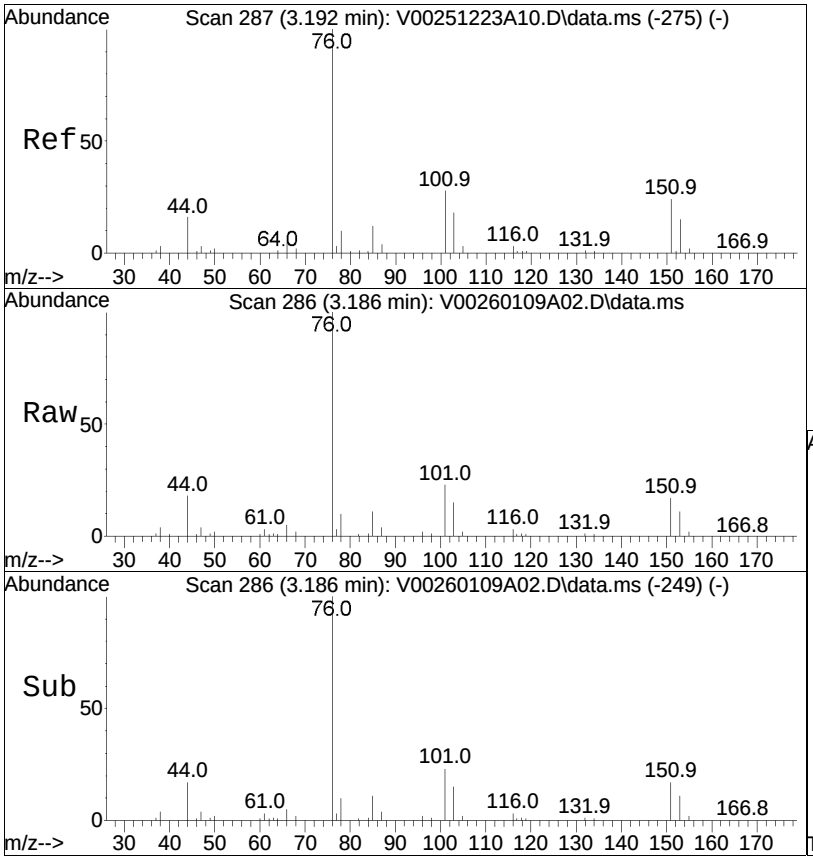


#11
Carbon disulfide
Concen: 41.05 ug/L
RT: 3.186 min Scan# 286
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 76 Resp: 311640

Ion	Ratio	Lower	Upper
76	100		
78	9.8	6.4	13.4

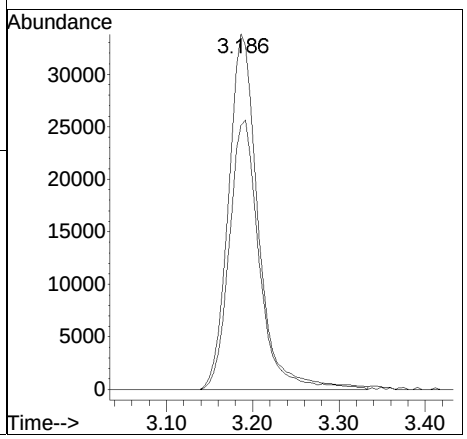


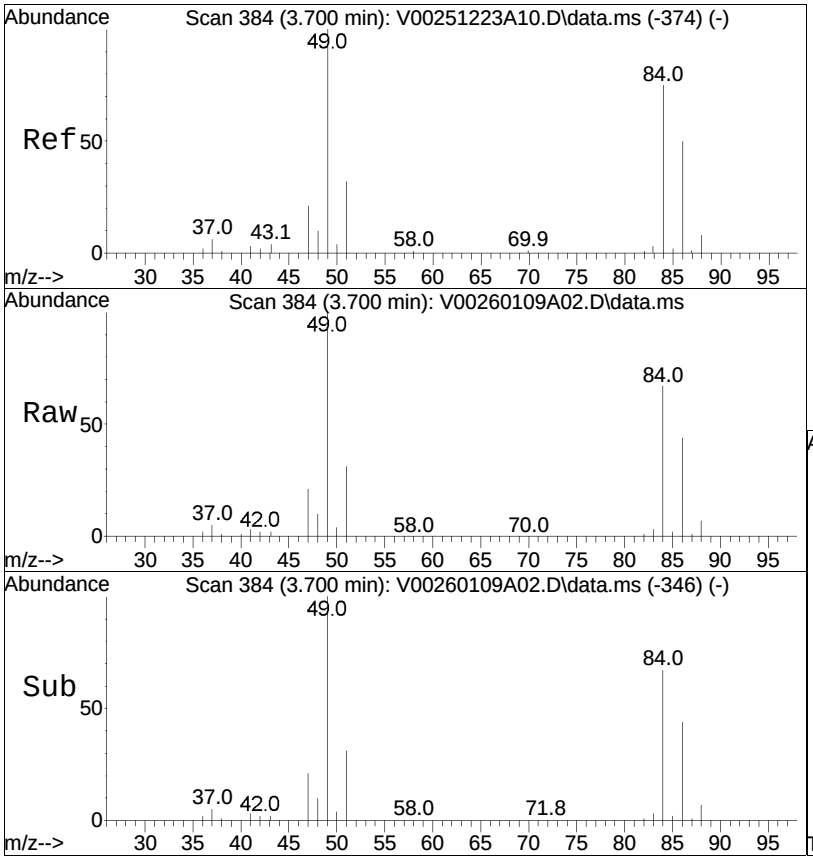


#12
Freon-113
Concen: 43.59 ug/L
RT: 3.186 min Scan# 286
Delta R.T. -0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:101 Resp: 81276

Ion	Ratio	Lower	Upper
101	100		
151	76.7	58.9	88.3

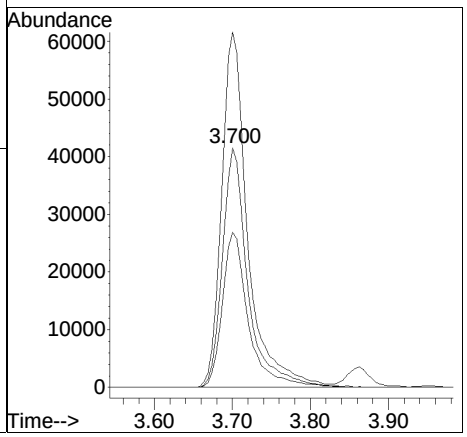


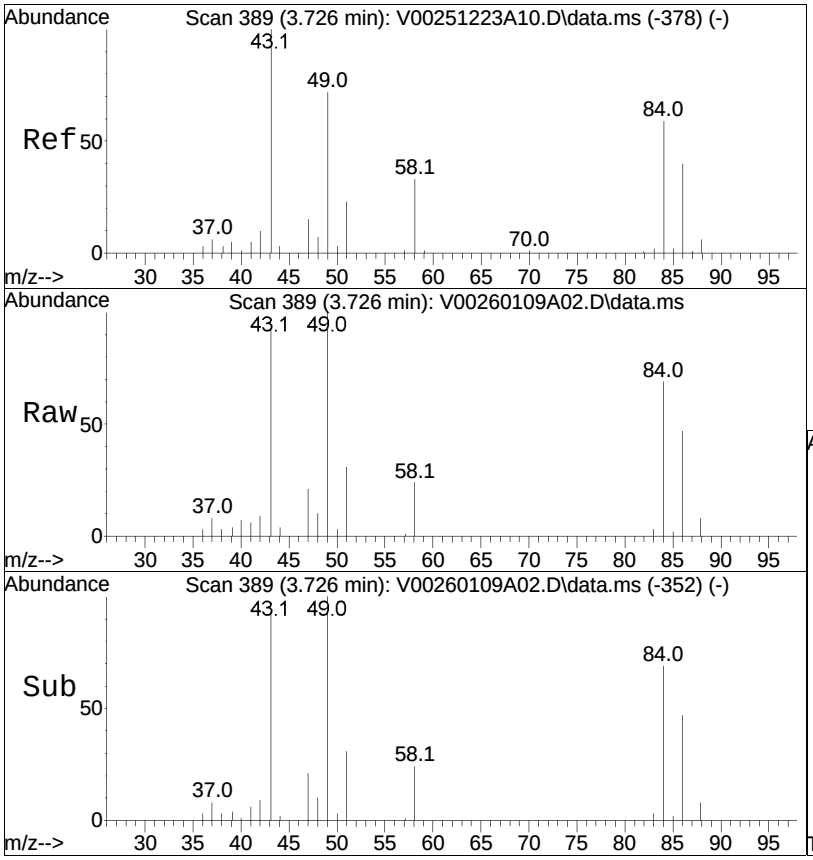


#15
Methylene chloride
Concen: 40.89 ug/L
RT: 3.700 min Scan# 384
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 84 Resp: 94757

Ion	Ratio	Lower	Upper
84	100		
86	66.1	39.6	82.2
49	150.7	72.7	150.9

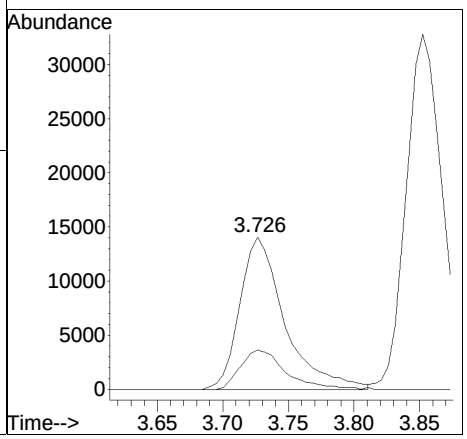


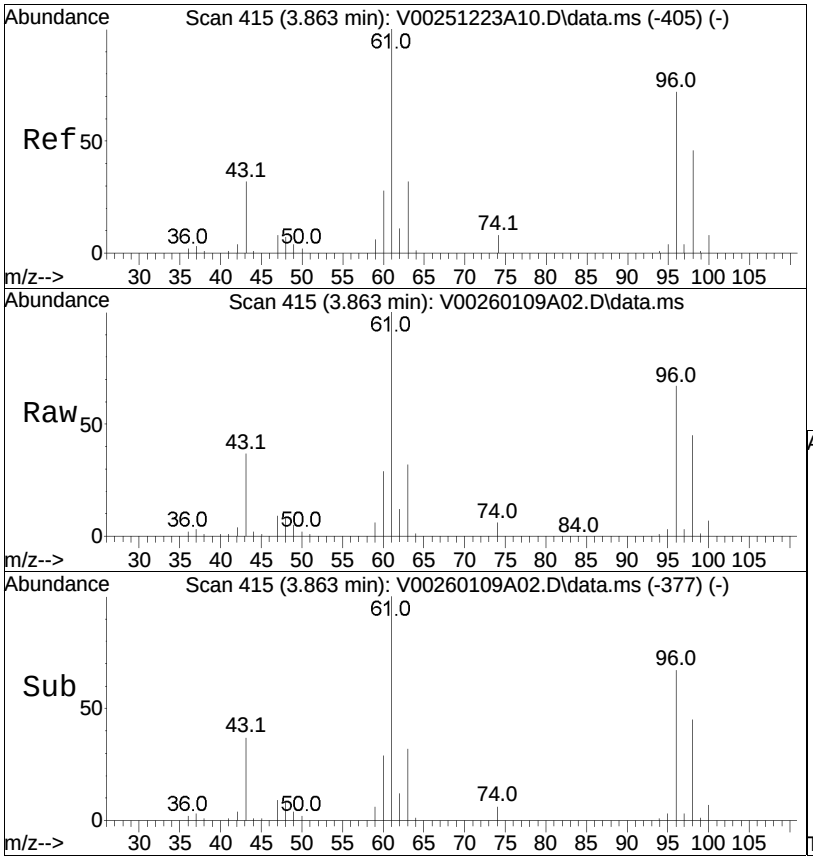


#17
Acetone
Concen: 32.17 ug/L
RT: 3.726 min Scan# 389
Delta R.T. -0.006 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 43 Resp: 33544

Ion	Ratio	Lower	Upper
43	100		
58	26.3	27.2	40.8#

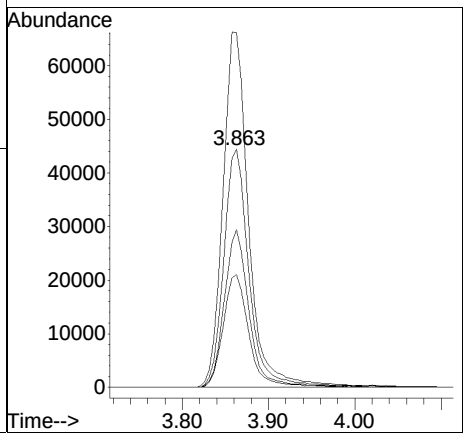


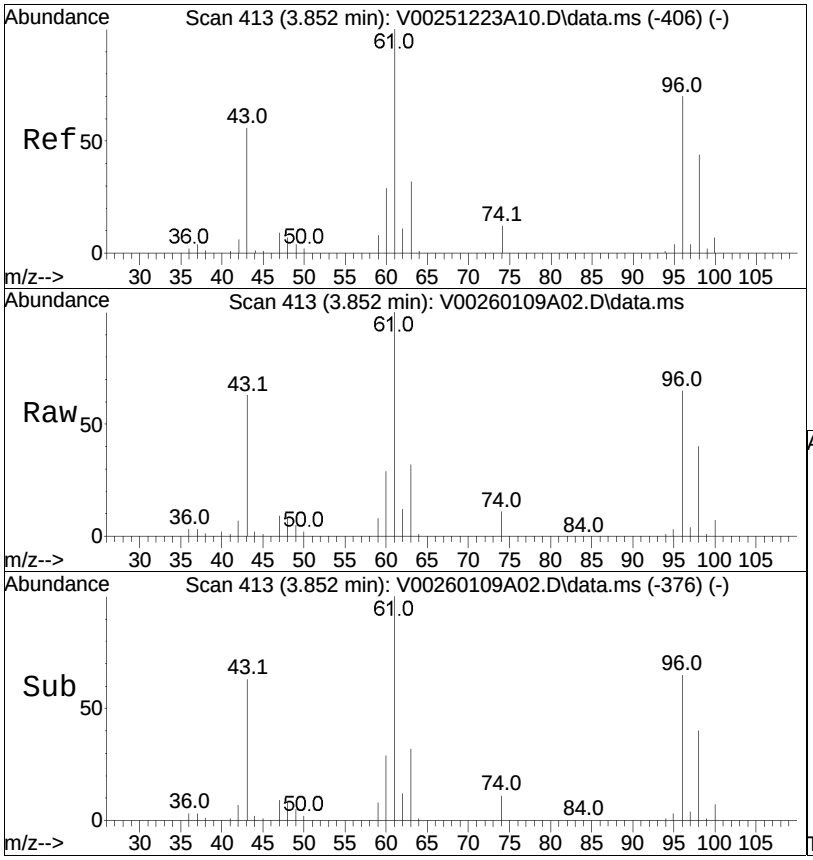


#18
trans-1,2-Dichloroethene
Concen: 42.53 ug/L
RT: 3.863 min Scan# 415
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 96 Resp: 91340

Ion	Ratio	Lower	Upper
96	100		
61	150.9	96.5	200.5
98	64.0	40.6	84.2
63	48.1	30.2	62.8

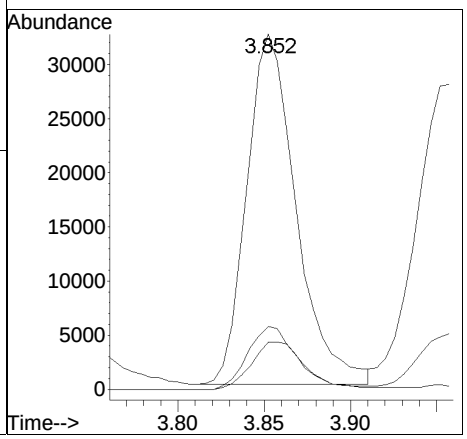


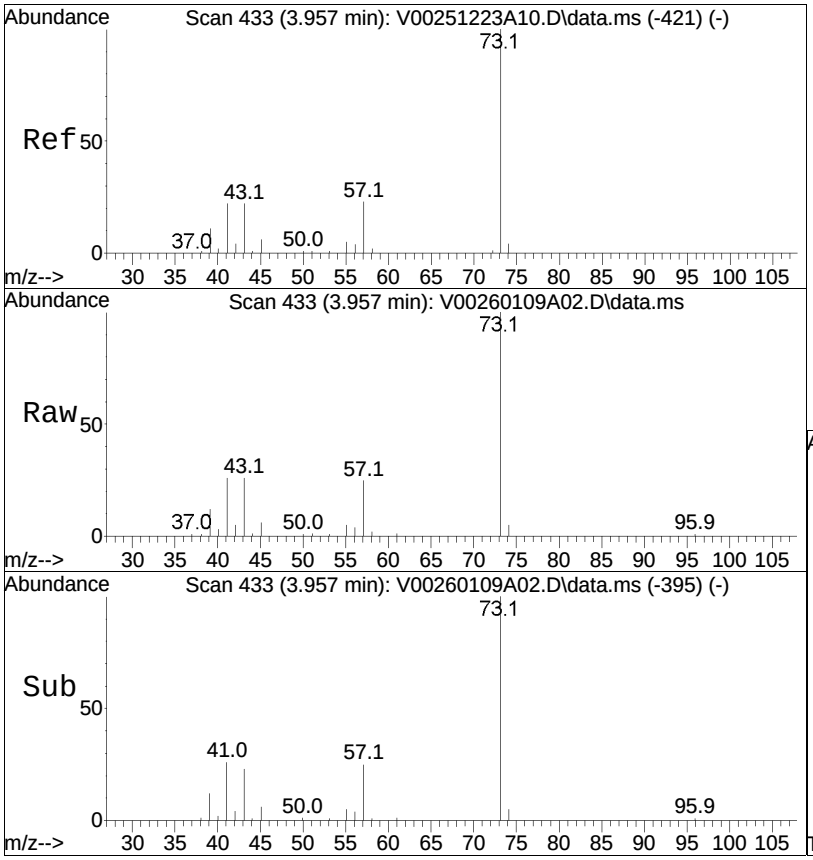


#19
Methyl acetate
Concen: 46.25 ug/L
RT: 3.852 min Scan# 413
Delta R.T. -0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 43 Resp: 64405

Ion	Ratio	Lower	Upper
43	100		
74	18.1	22.7	34.1#
59	14.8	22.9	34.3#

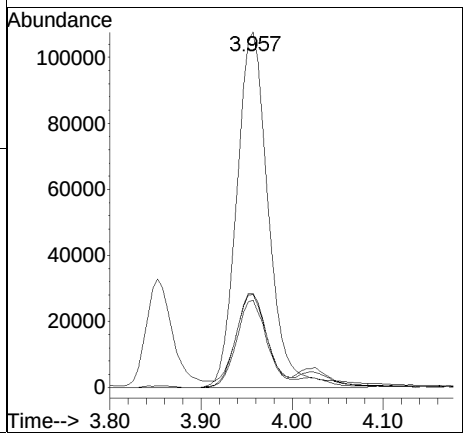


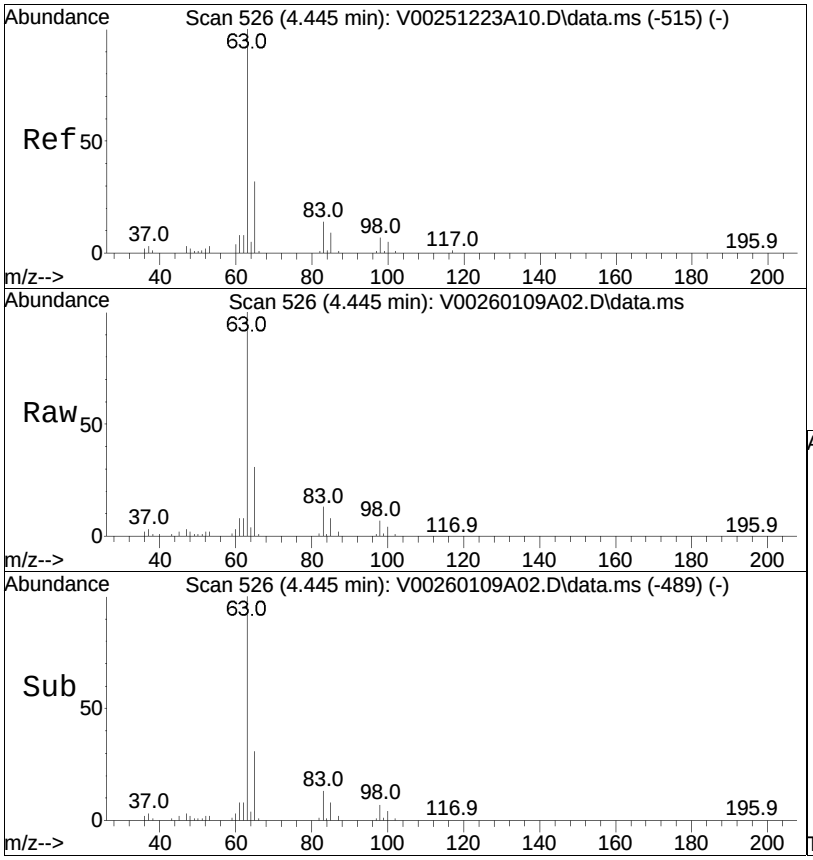


#20
Methyl tert-butyl ether
Concen: 43.84 ug/L
RT: 3.957 min Scan# 433
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 73 Resp: 262956

Ion	Ratio	Lower	Upper
73	100		
57	23.7	14.7	30.5
43	25.2	12.5	26.1
41	26.1	11.6	24.0#

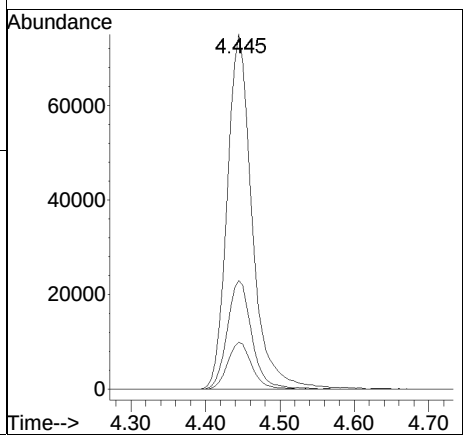


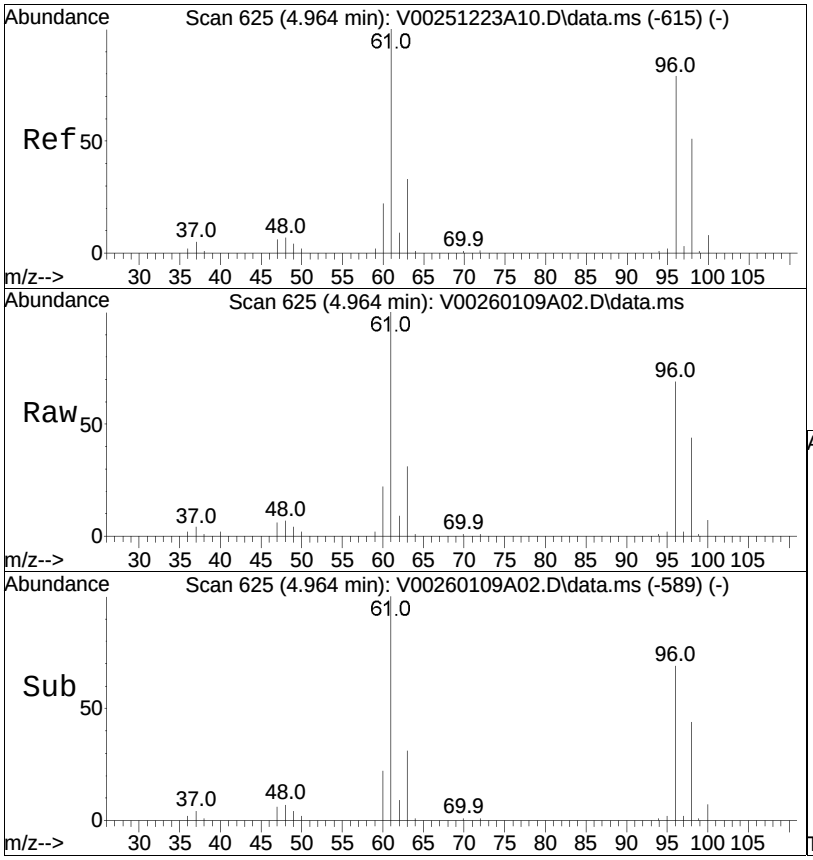


#23
1,1-Dichloroethane
Concen: 45.69 ug/L
RT: 4.445 min Scan# 526
Delta R.T. -0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 63 Resp: 175788

Ion	Ratio	Lower	Upper
63	100		
65	30.1	10.4	50.4
83	12.9	0.0	32.6

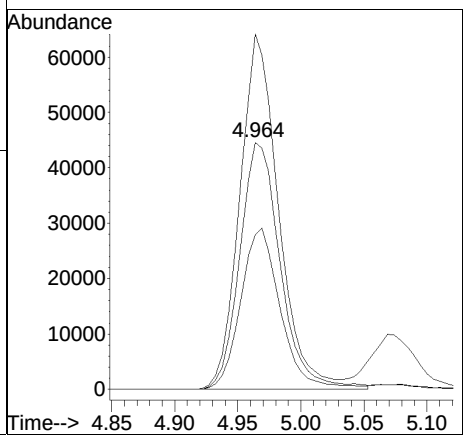


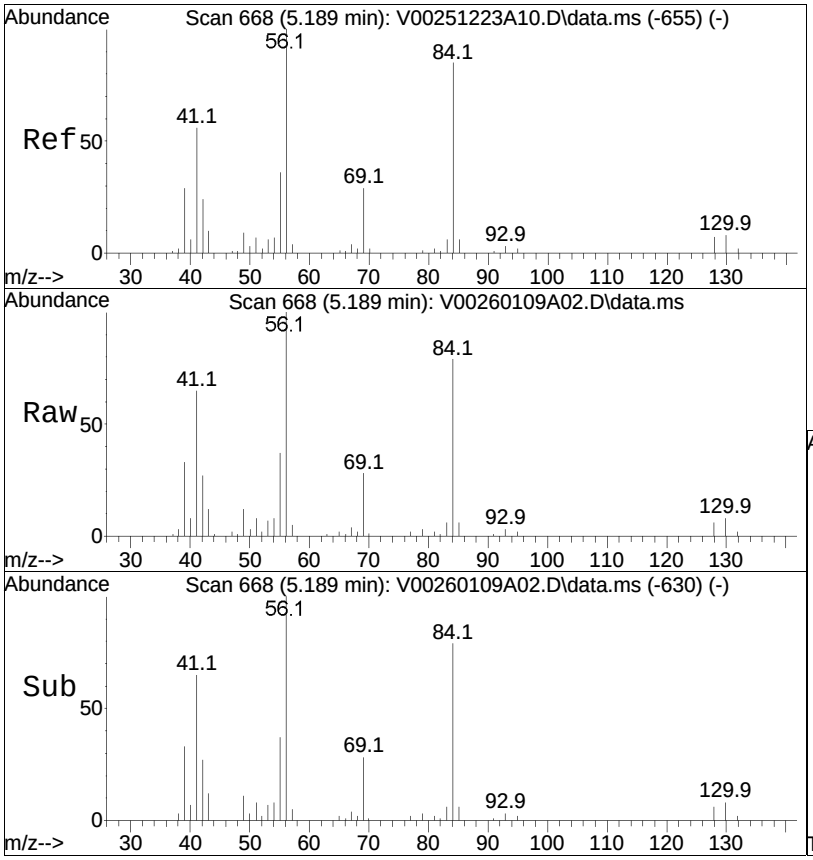


#28
cis-1,2-Dichloroethene
Concen: 41.92 ug/L
RT: 4.964 min Scan# 625
Delta R.T. -0.010 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 96 Resp: 99772

Ion	Ratio	Lower	Upper
96	100		
61	137.1	107.8	161.8
98	63.9	51.4	77.0

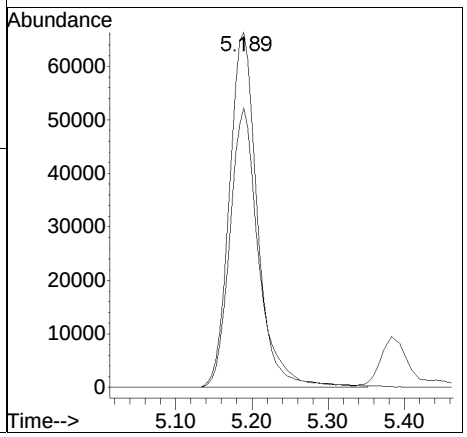


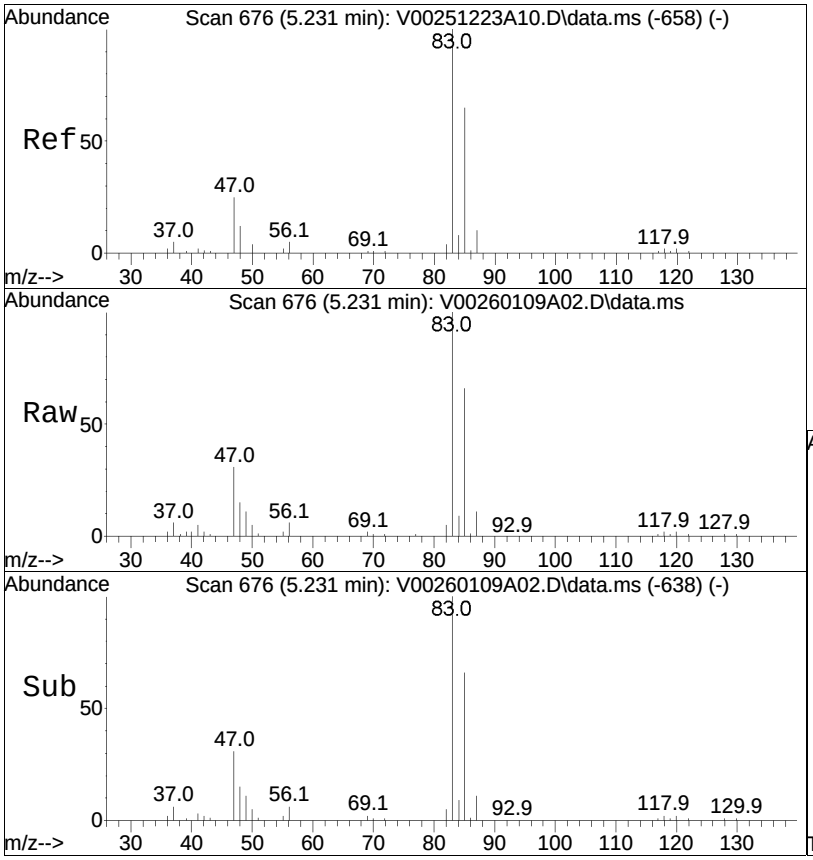


#32
Cyclohexane
Concen: 49.21 ug/L
RT: 5.189 min Scan# 668
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 56 Resp: 168981

Ion	Ratio	Lower	Upper
56	100		
84	81.5	60.3	125.1

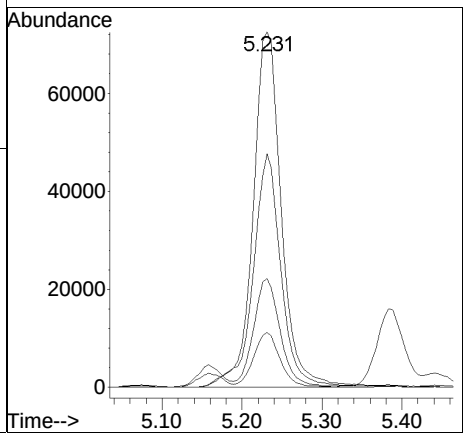


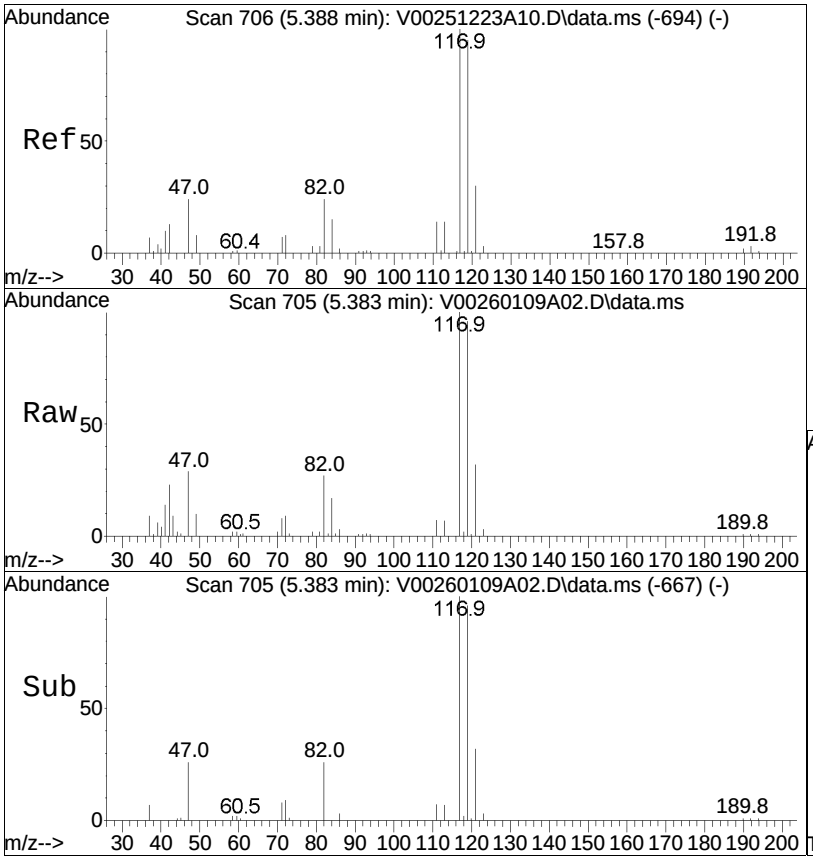


#33
Chloroform
Concen: 43.64 ug/L
RT: 5.231 min Scan# 676
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 83 Resp: 179112

Ion	Ratio	Lower	Upper
83	100		
85	65.2	43.3	89.9
47	27.9	14.4	29.8
48	14.6	7.5	15.7

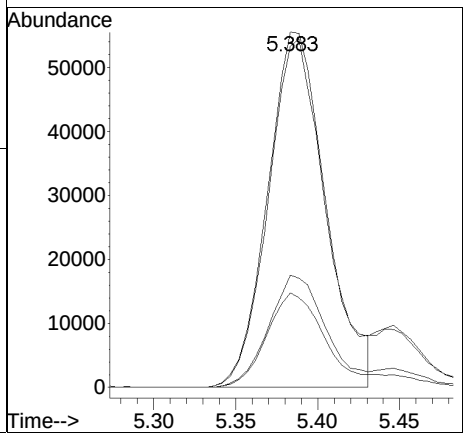


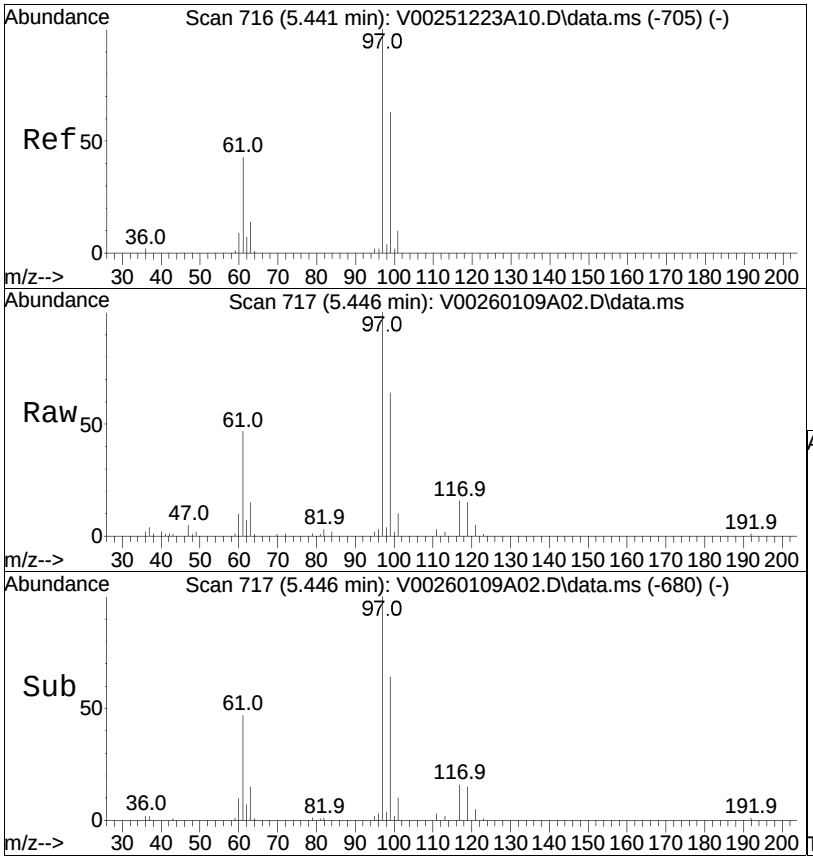


#35
Carbon tetrachloride
Concen: 42.71 ug/L
RT: 5.383 min Scan# 705
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:117 Resp: 137559

Ion	Ratio	Lower	Upper
117	100		
119	98.1	62.7	130.3
121	31.1	20.5	42.7
82	29.5	17.4	36.2

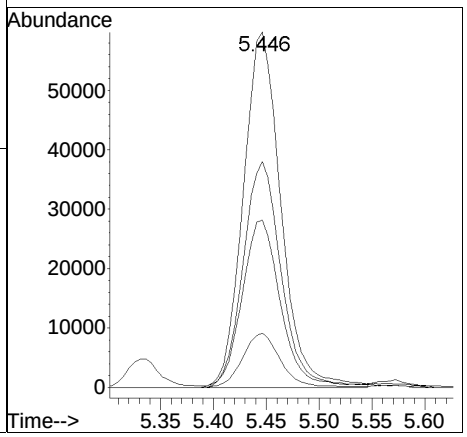


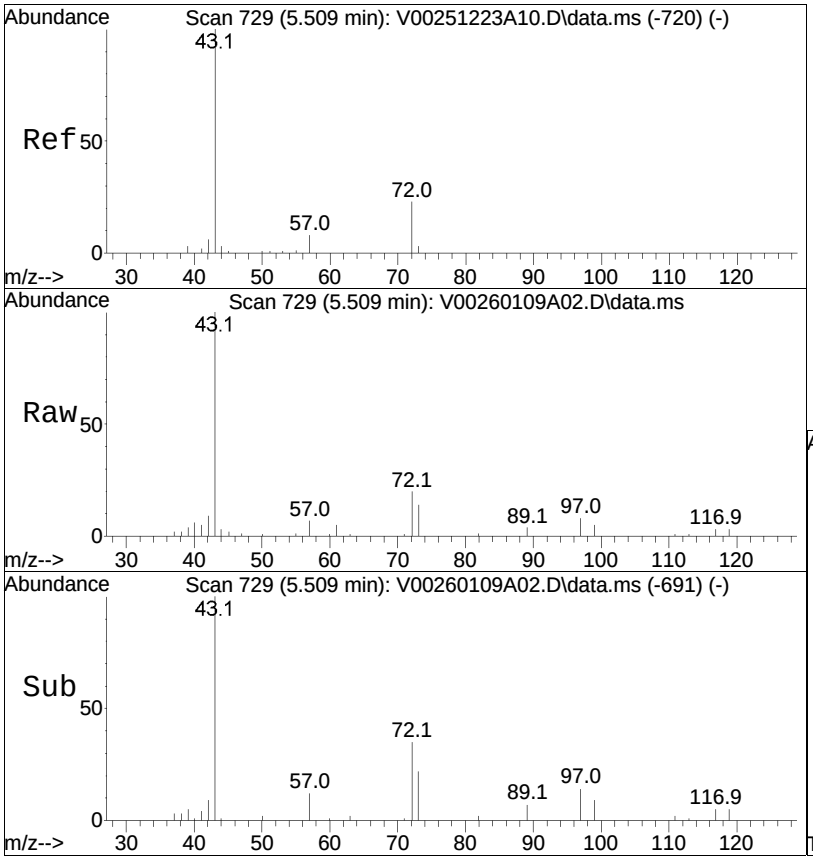


#38
1,1,1-Trichloroethane
Concen: 44.86 ug/L
RT: 5.446 min Scan# 717
Delta R.T. -0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 97 Resp: 148662

Ion	Ratio	Lower	Upper
97	100		
99	64.8	41.5	86.3
61	48.1	30.6	63.6
63	15.2	9.9	20.5

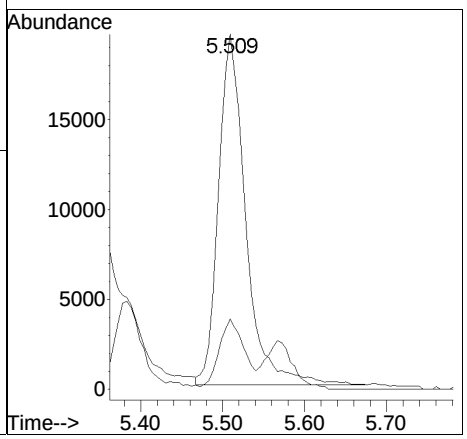


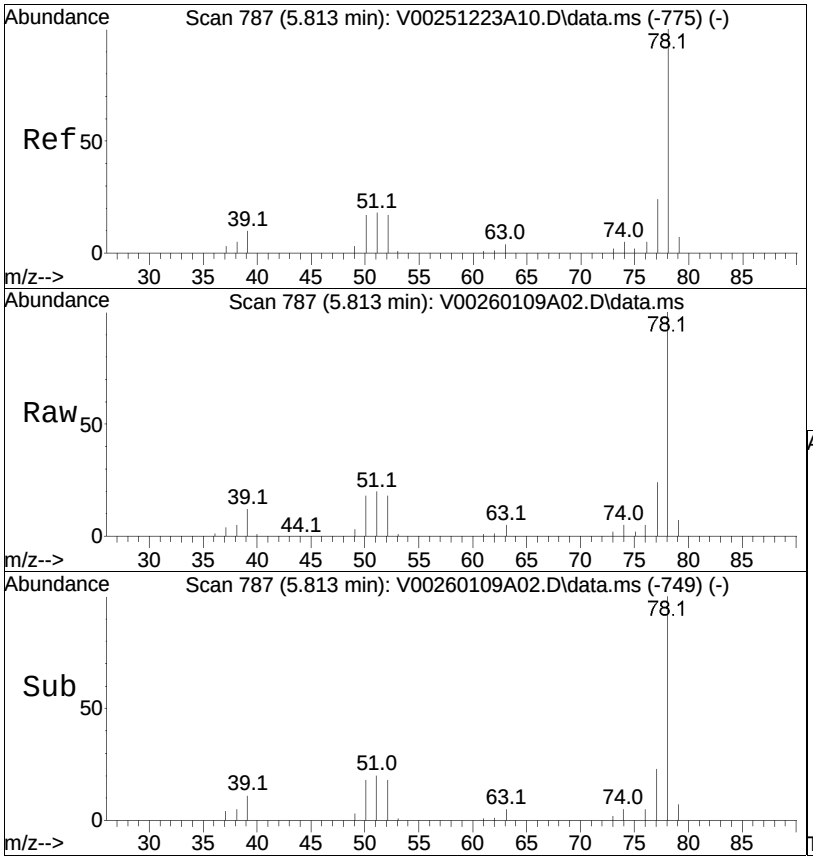


#40
2-Butanone
Concen: 49.98 ug/L
RT: 5.509 min Scan# 729
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 43 Resp: 44824

Ion	Ratio	Lower	Upper
43	100		
72	18.8	19.4	29.0#

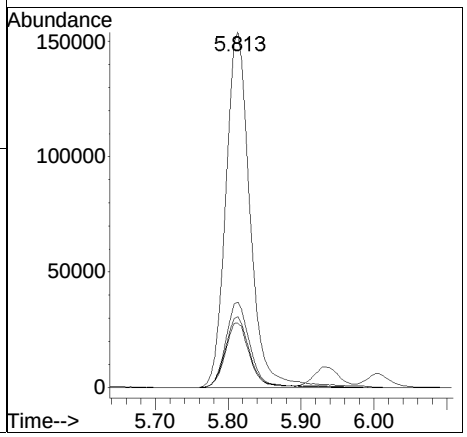


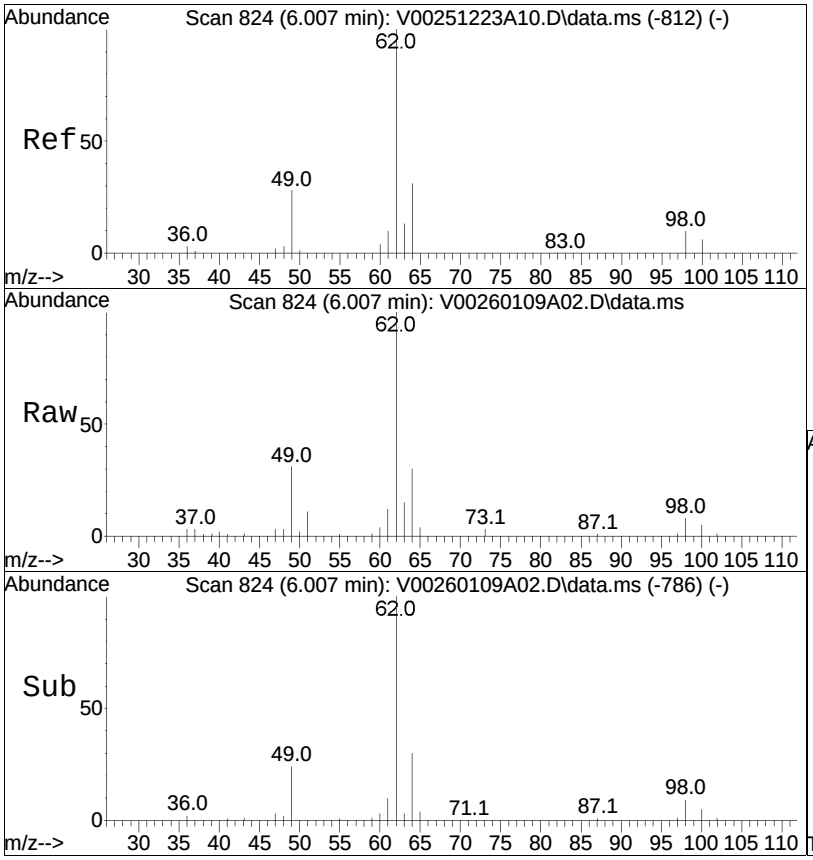


#42
Benzene
Concen: 45.02 ug/L
RT: 5.813 min Scan# 787
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 78 Resp: 357150

Ion	Ratio	Lower	Upper
78	100		
77	23.7	15.6	32.4
51	19.5	10.2	21.2
52	18.0	9.6	19.8

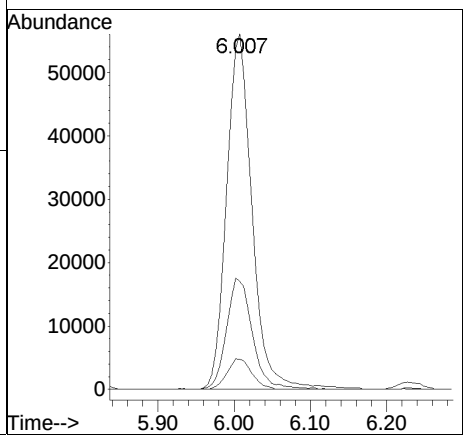


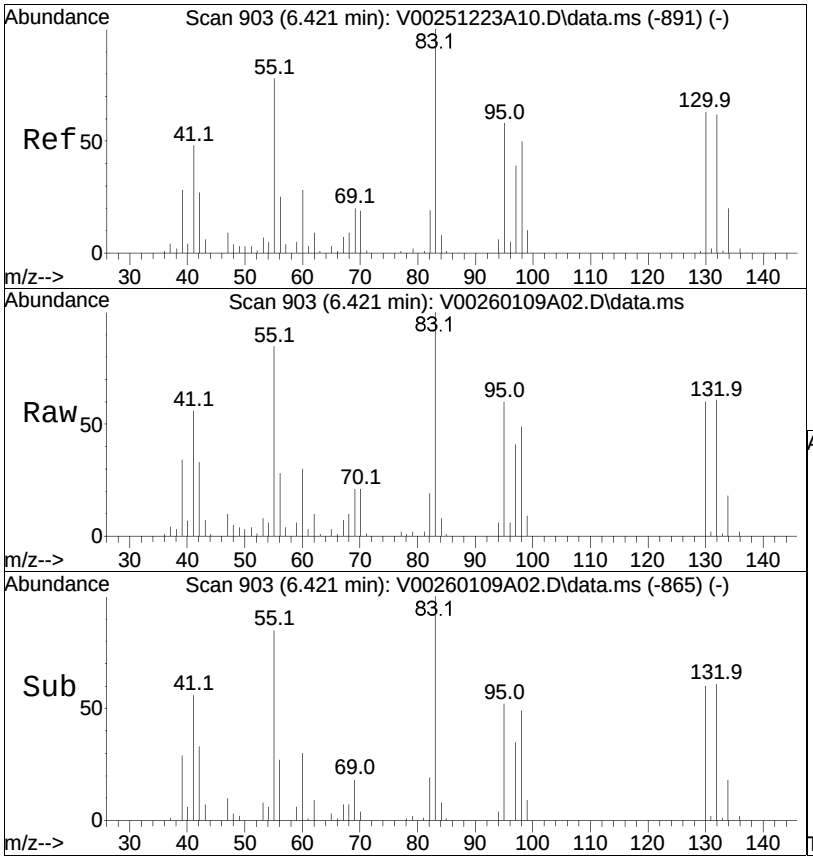


#45
1,2-Dichloroethane
Concen: 46.08 ug/L
RT: 6.007 min Scan# 824
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 62 Resp: 130666

Ion	Ratio	Lower	Upper
62	100		
64	31.7	12.6	52.6
98	8.4	0.0	28.7

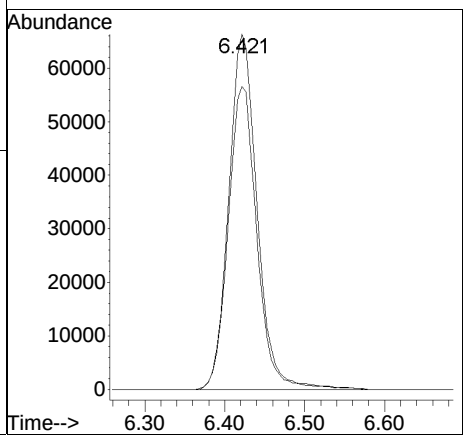


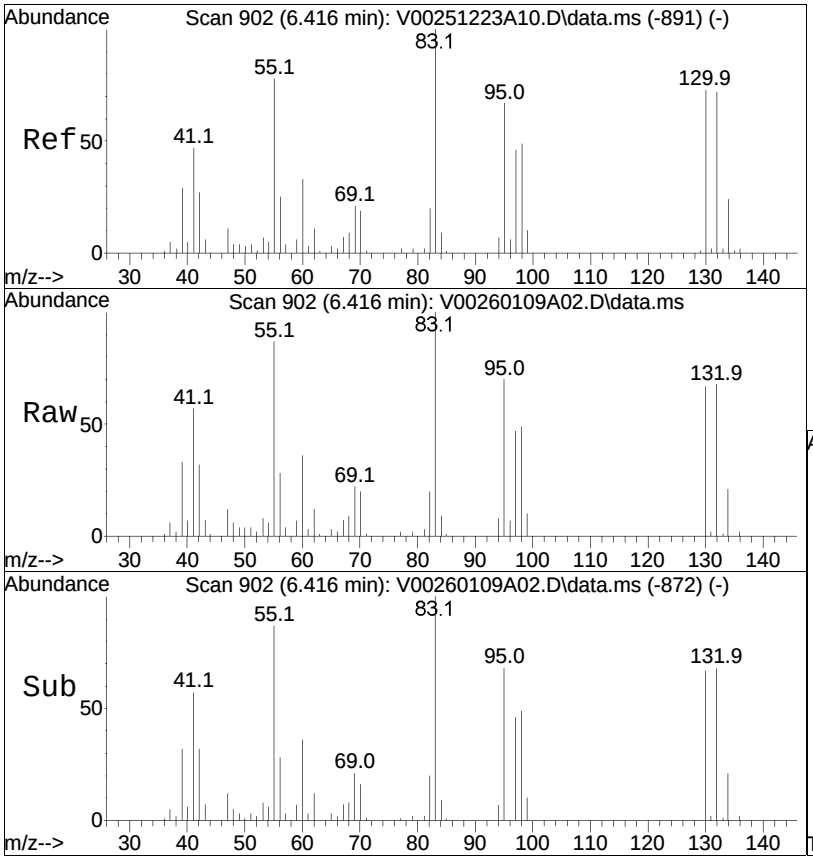


#48
Methyl cyclohexane
Concen: 45.59 ug/L
RT: 6.421 min Scan# 903
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 83 Resp: 163846

Ion	Ratio	Lower	Upper
83	100		
55	86.3	60.0	90.0

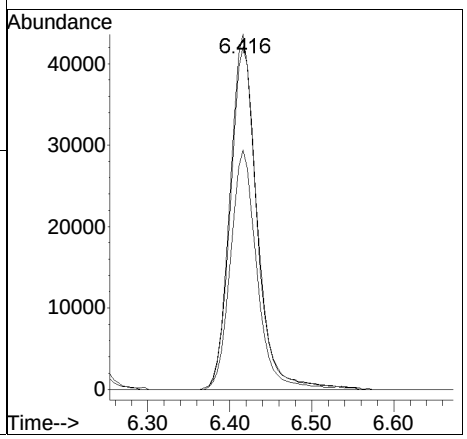


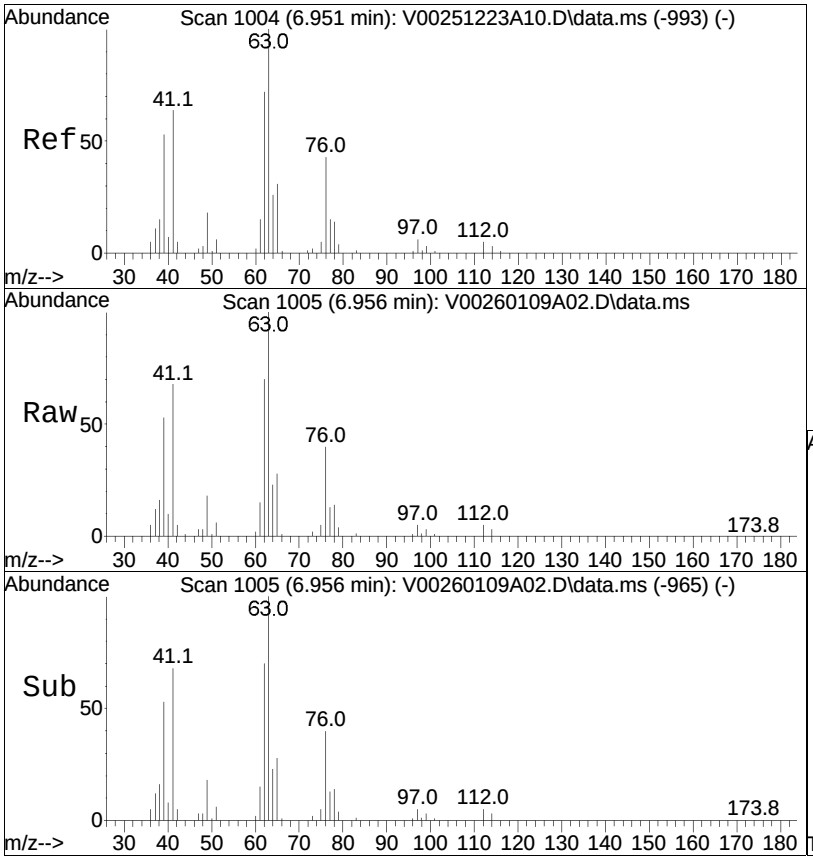


#49
Trichloroethene
Concen: 45.11 ug/L
RT: 6.416 min Scan# 902
Delta R.T. 0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 95 Resp: 98797

Ion	Ratio	Lower	Upper
95	100		
97	66.5	54.2	81.4
130	98.2	77.0	115.6

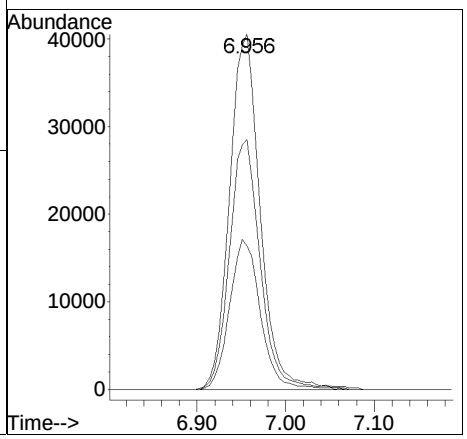


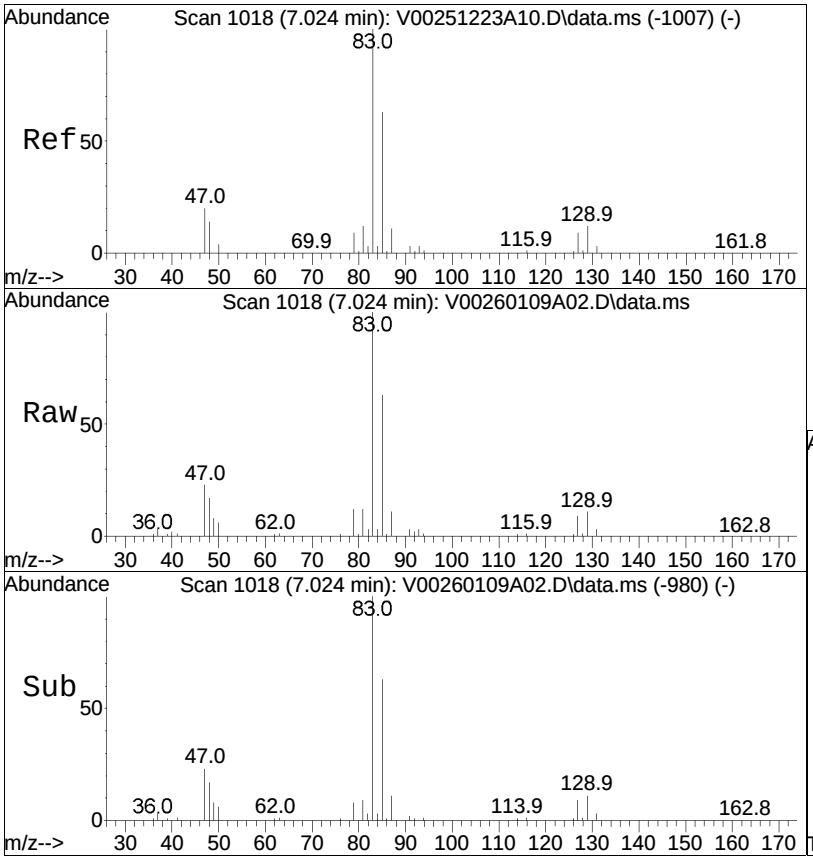


#52
1,2-Dichloropropane
Concen: 45.93 ug/L
RT: 6.956 min Scan# 1005
Delta R.T. 0.011 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 63 Resp: 97675

Ion	Ratio	Lower	Upper
63	100		
62	70.6	57.8	86.8
76	42.5	34.0	51.0

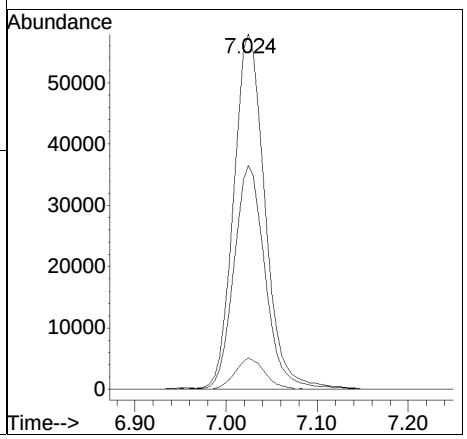


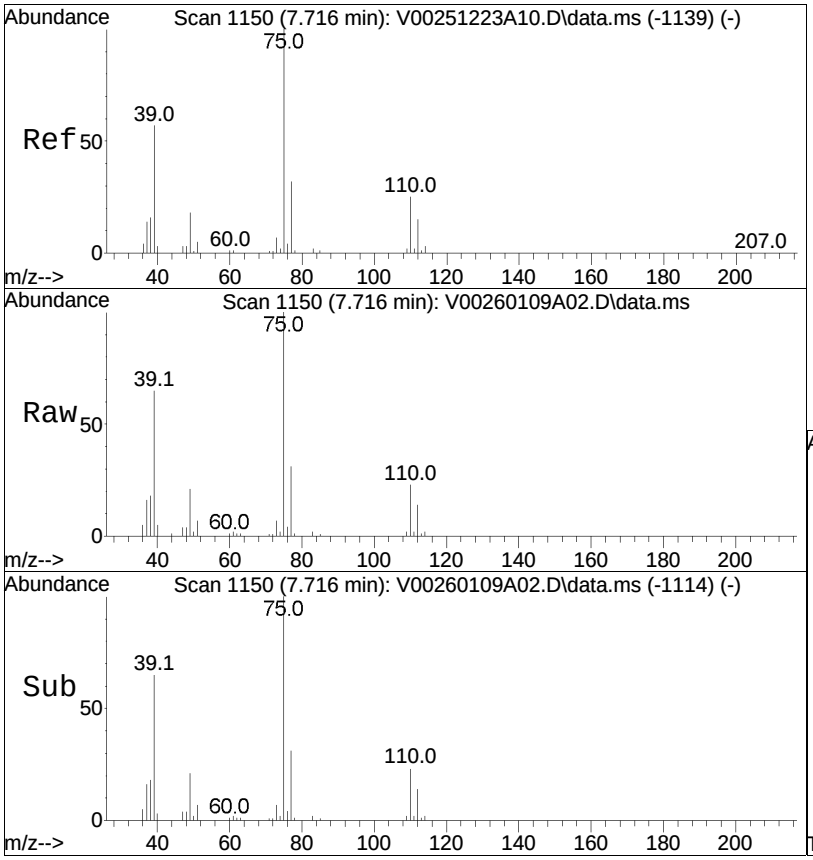


#55
Bromodichloromethane
Concen: 44.78 ug/L
RT: 7.024 min Scan# 1018
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 83 Resp: 138955

Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.9	76.3
127	8.4	6.6	9.8

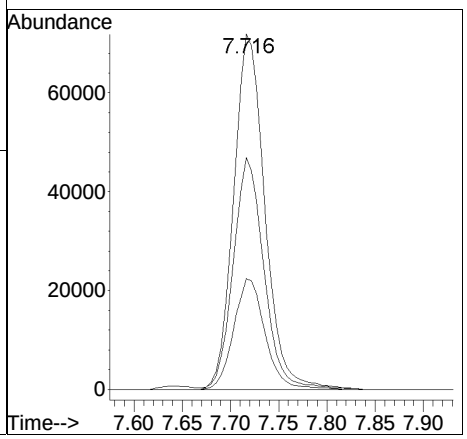


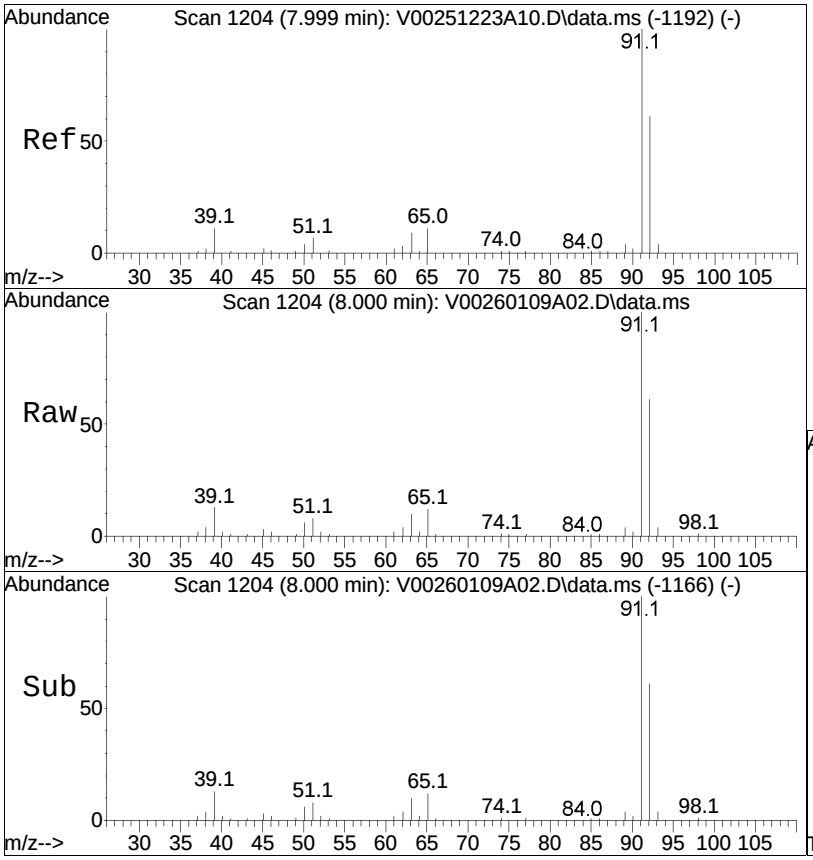


#59
cis-1,3-Dichloropropene
Concen: 45.59 ug/L
RT: 7.716 min Scan# 1150
Delta R.T. -0.010 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 75 Resp: 162189

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.7	38.5
39	64.3	32.3	48.5#

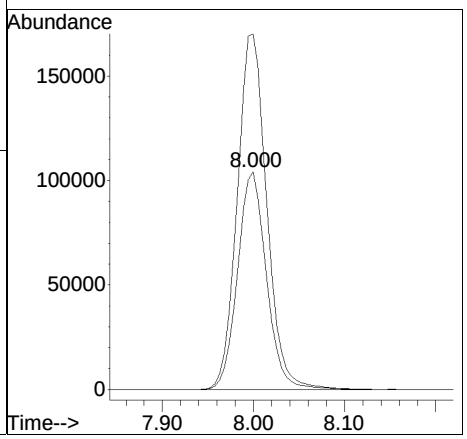


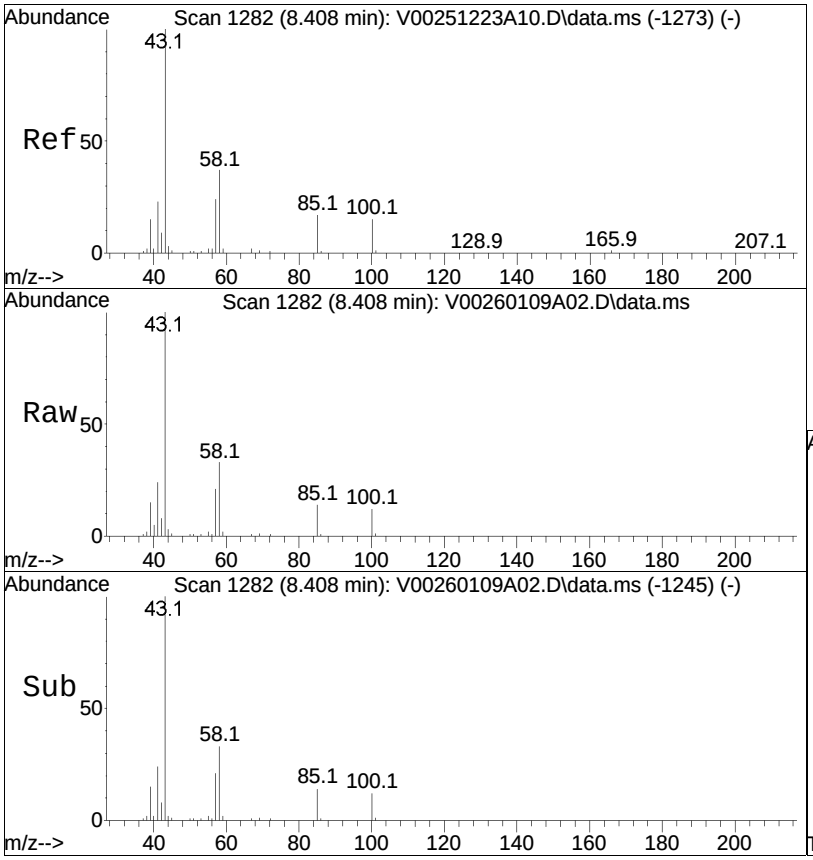


#62
Toluene
Concen: 42.38 ug/L
RT: 8.000 min Scan# 1204
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 92 Resp: 229001

Ion	Ratio	Lower	Upper
92	100		
91	166.9	138.2	207.2

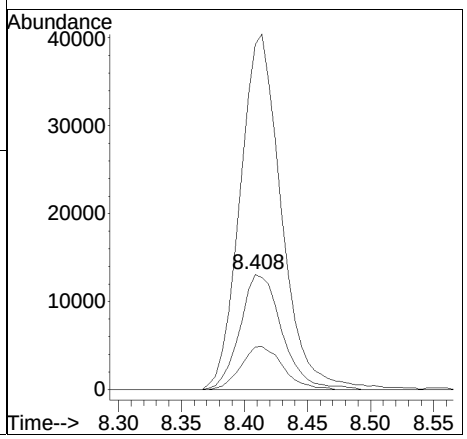


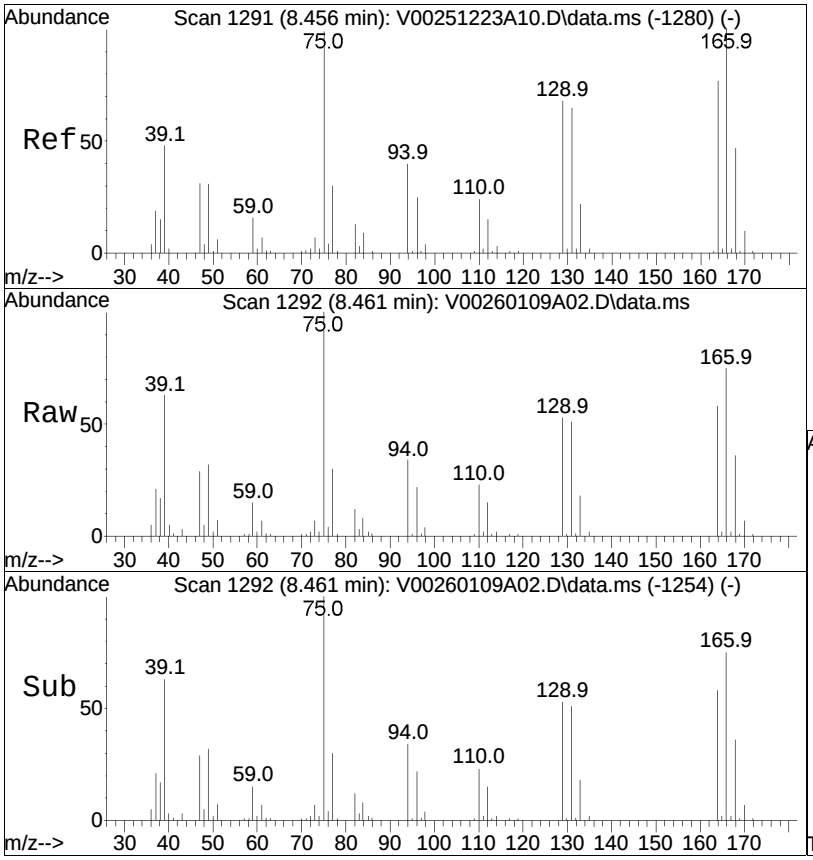


#63
4-Methyl-2-pentanone
Concen: 44.10 ug/L
RT: 8.408 min Scan# 1282
Delta R.T. -0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 58 Resp: 30257

Ion	Ratio	Lower	Upper
58	100		
100	37.2	31.2	46.8
43	305.2	156.5	234.7#

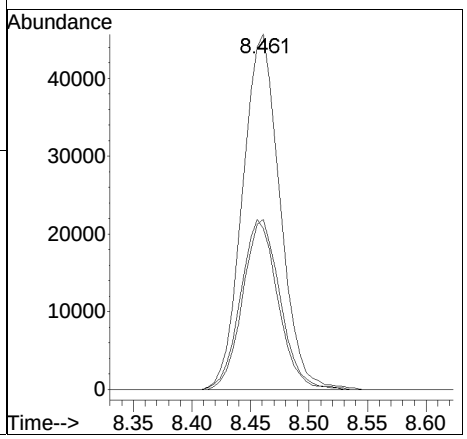


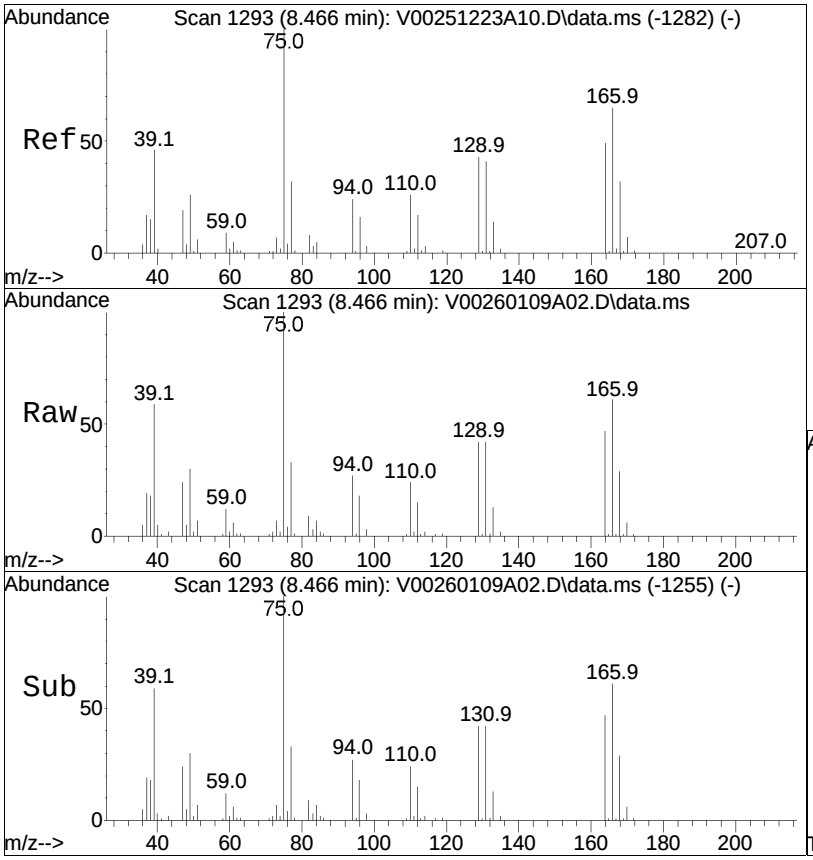


#64
Tetrachloroethene
Concen: 38.92 ug/L
RT: 8.461 min Scan# 1292
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:166 Resp: 101471

Ion	Ratio	Lower	Upper
166	100		
168	47.7	29.2	69.2
94	47.6	29.0	69.0

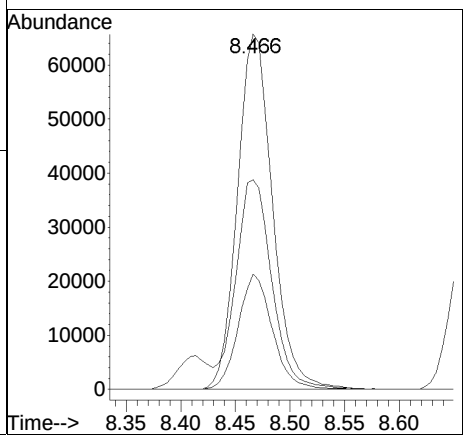


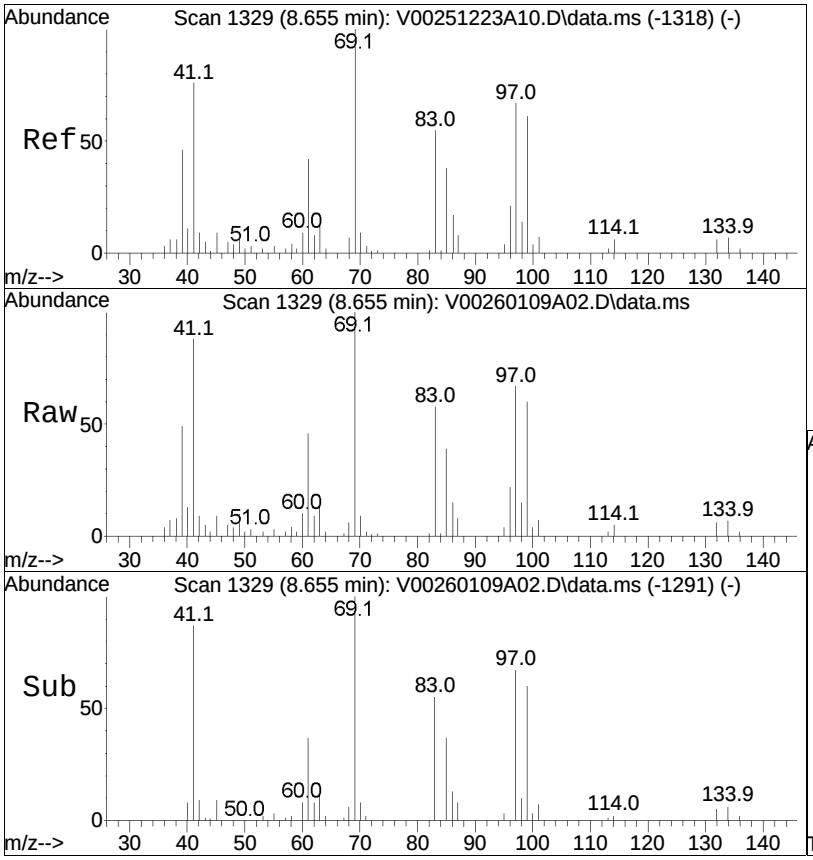


#66
trans-1,3-Dichloropropene
Concen: 44.63 ug/L
RT: 8.466 min Scan# 1293
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 75 Resp: 147232

Ion	Ratio	Lower	Upper
75	100		
77	31.6	11.8	51.8
39	60.6	23.7	63.7

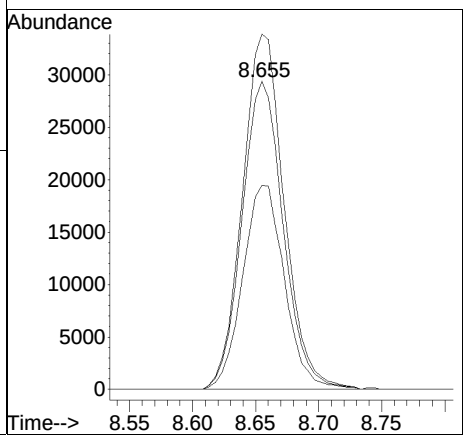


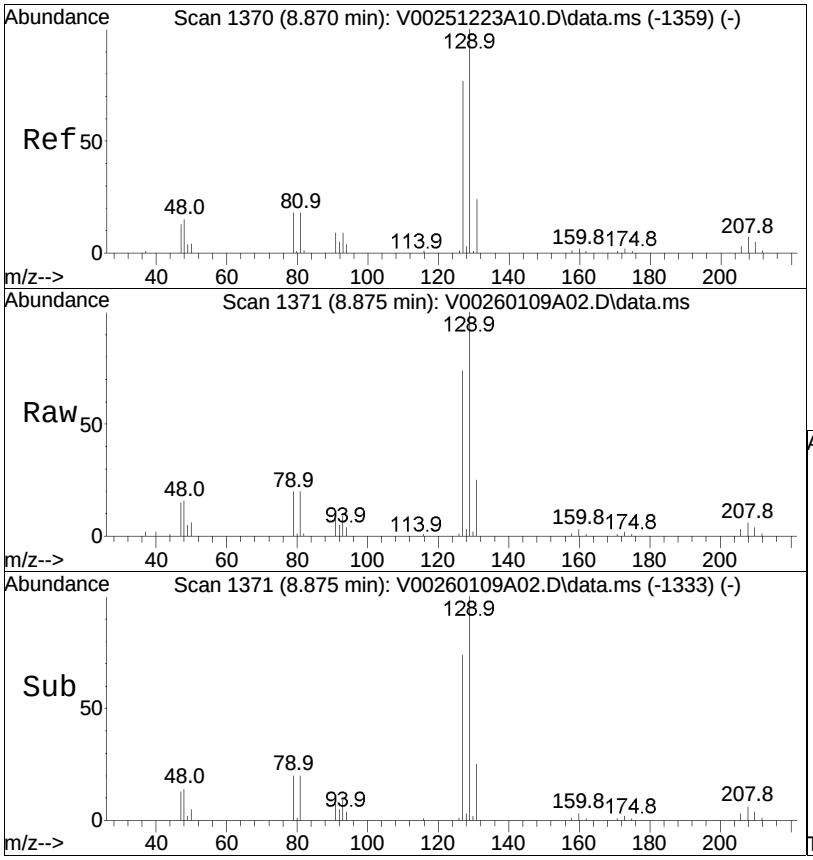


#69
1,1,2-Trichloroethane
Concen: 43.25 ug/L
RT: 8.655 min Scan# 1329
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 83 Resp: 67089

Ion	Ratio	Lower	Upper
83	100		
97	116.4	98.8	138.8
85	67.0	46.5	86.5

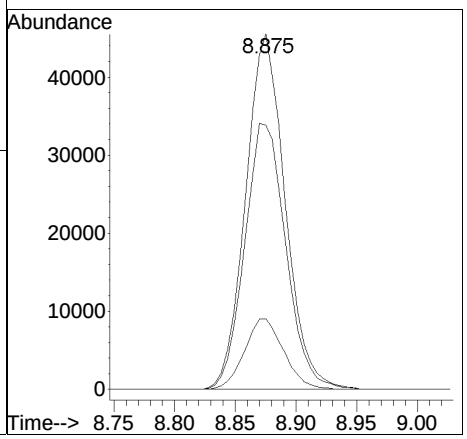


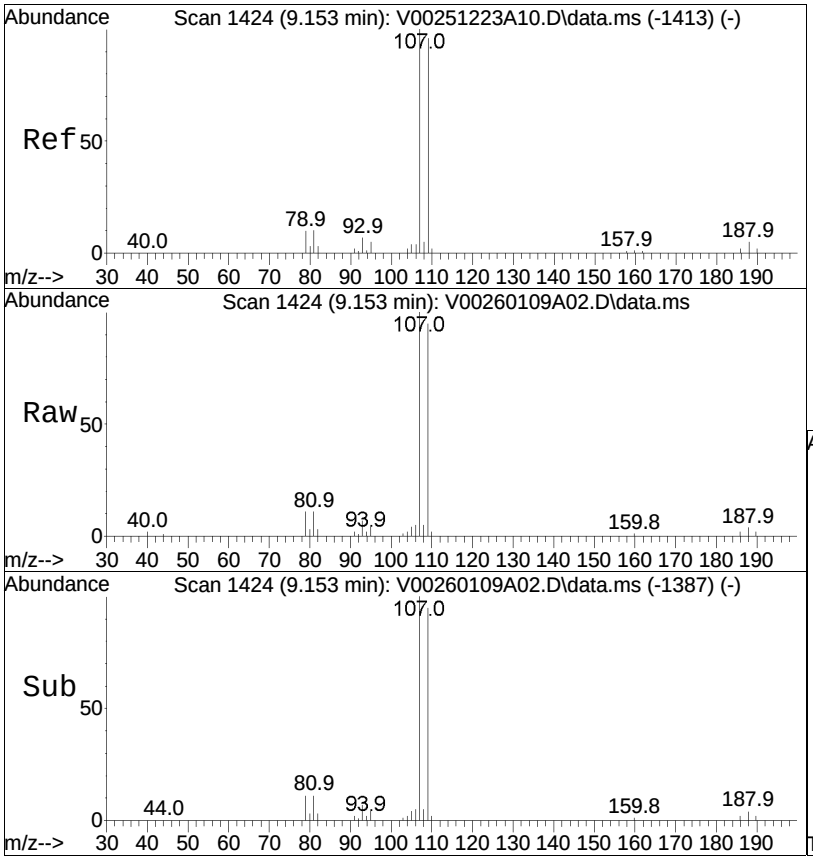


#70
Chlorodibromomethane
Concen: 40.94 ug/L
RT: 8.875 min Scan# 1371
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:129 Resp: 102871

Ion	Ratio	Lower	Upper
129	100		
81	19.8	0.1	40.1
127	78.0	58.4	98.4

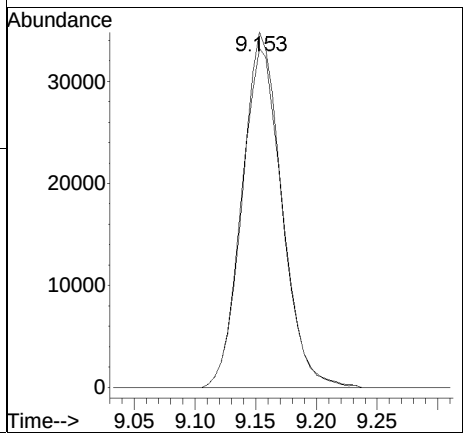


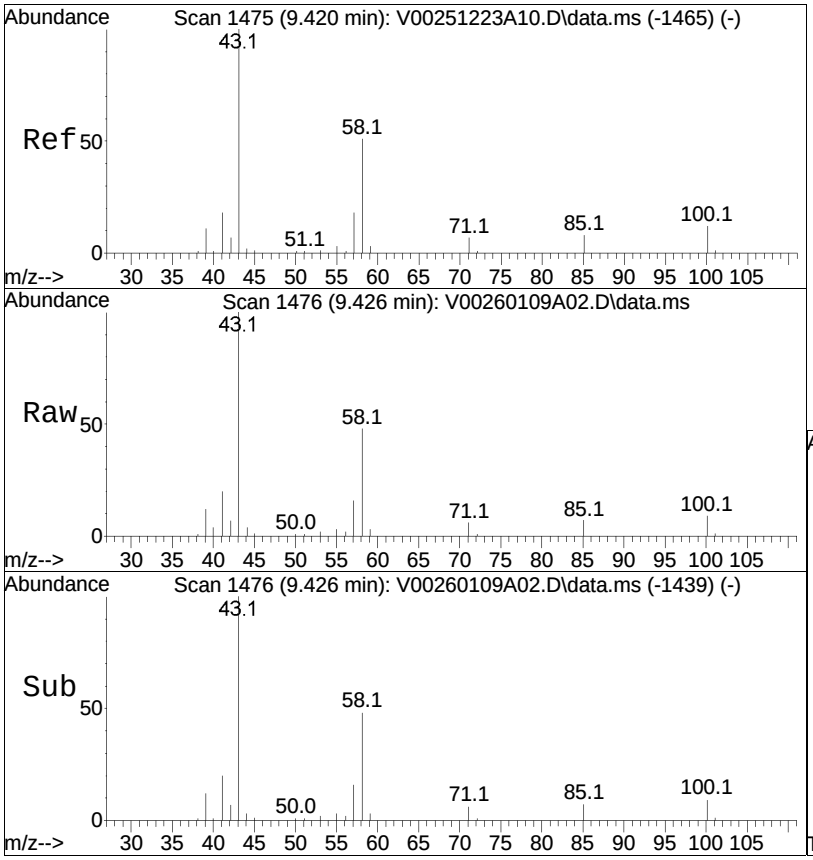


#72
1,2-Dibromoethane
Concen: 41.42 ug/L
RT: 9.153 min Scan# 1424
Delta R.T. -0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:107 Resp: 79466

Ion	Ratio	Lower	Upper
107	100		
109	96.1	75.4	113.0

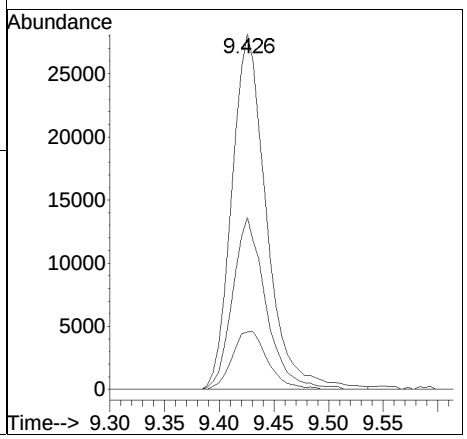


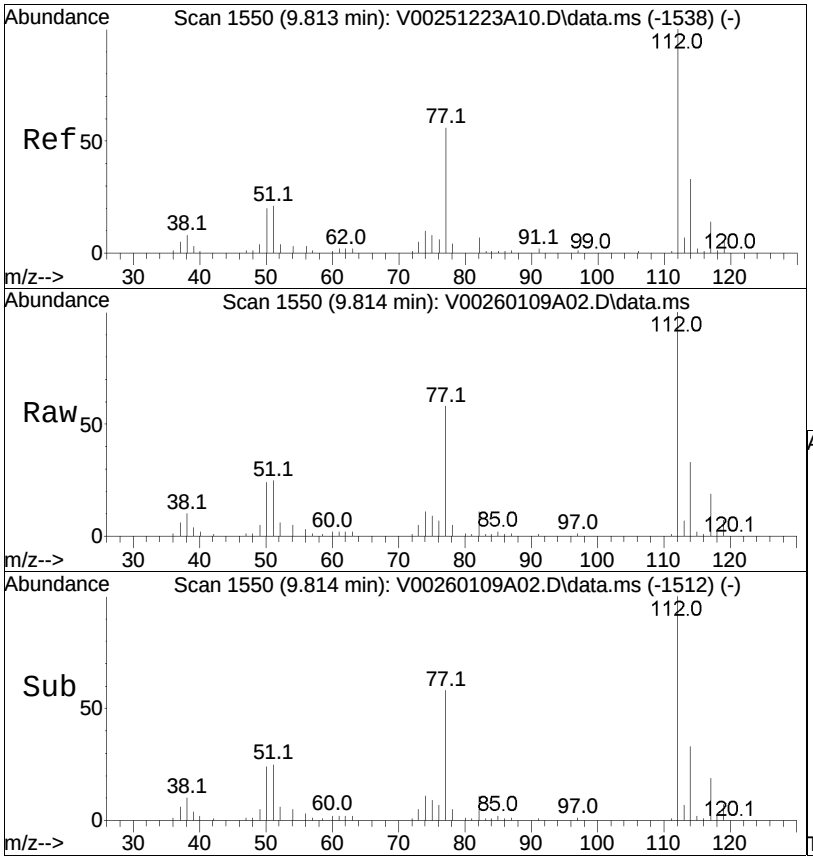


#73
2-Hexanone
Concen: 44.84 ug/L
RT: 9.426 min Scan# 1476
Delta R.T. -0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 43 Resp: 62173

Ion	Ratio	Lower	Upper
43	100		
58	46.5	54.2	81.4#
57	16.8	17.8	26.6#

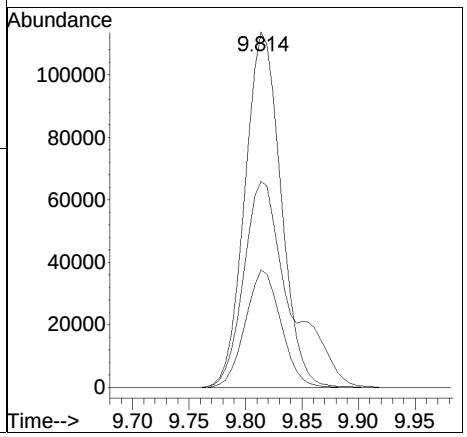


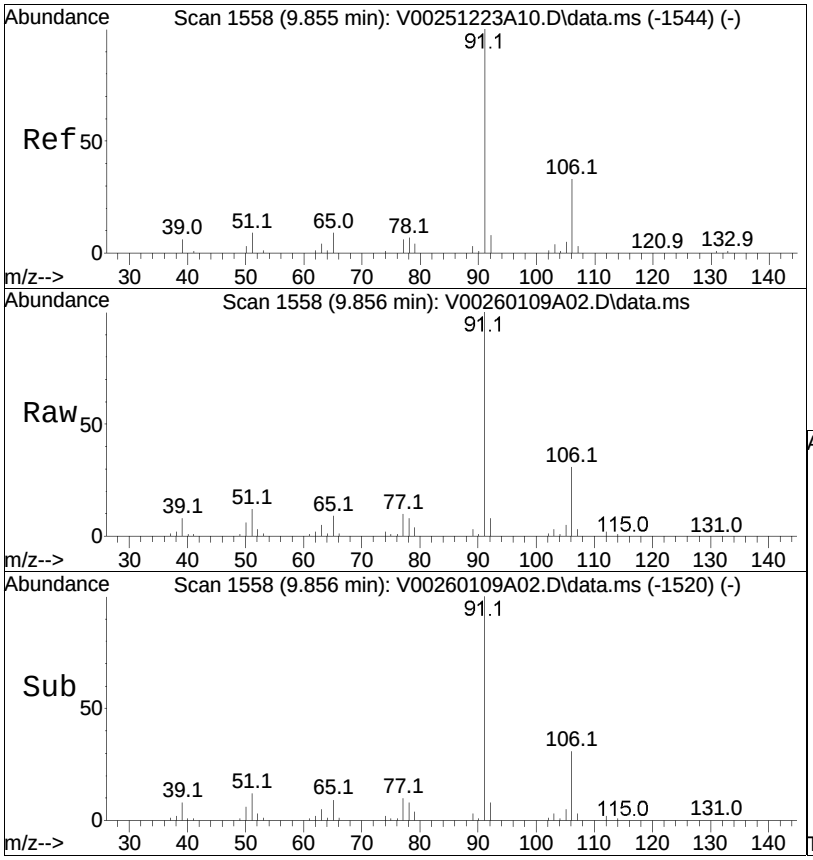


#74
Chlorobenzene
Concen: 40.94 ug/L
RT: 9.814 min Scan# 1550
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:112 Resp: 252765

Ion	Ratio	Lower	Upper
112	100		
77	74.4	57.9	86.9
114	32.6	25.7	38.5

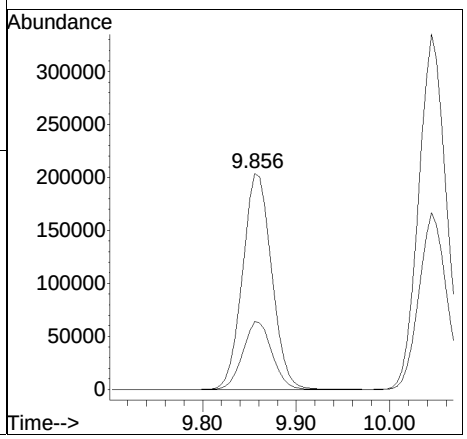


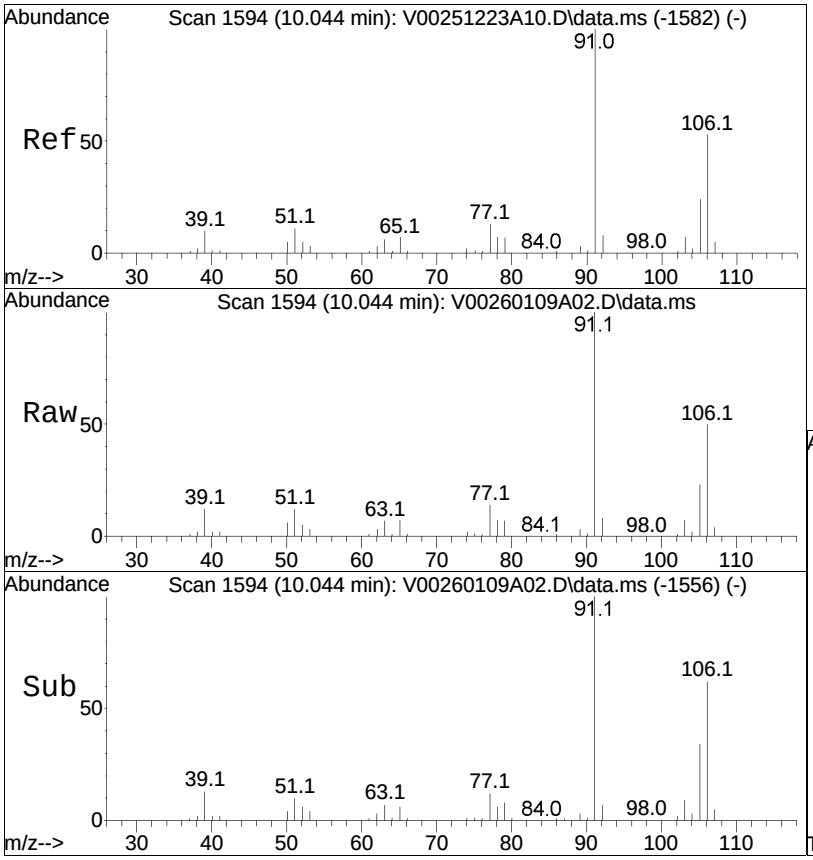


#75
Ethylbenzene
Concen: 42.92 ug/L
RT: 9.856 min Scan# 1558
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 91 Resp: 439309

Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.1	37.7

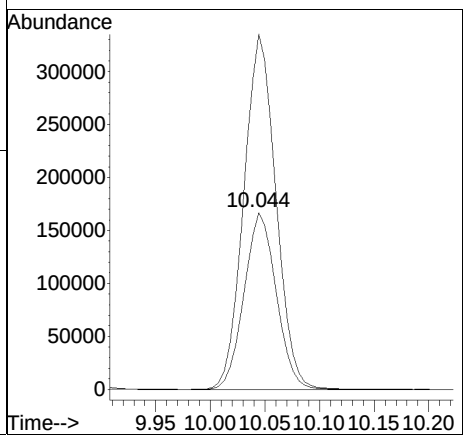


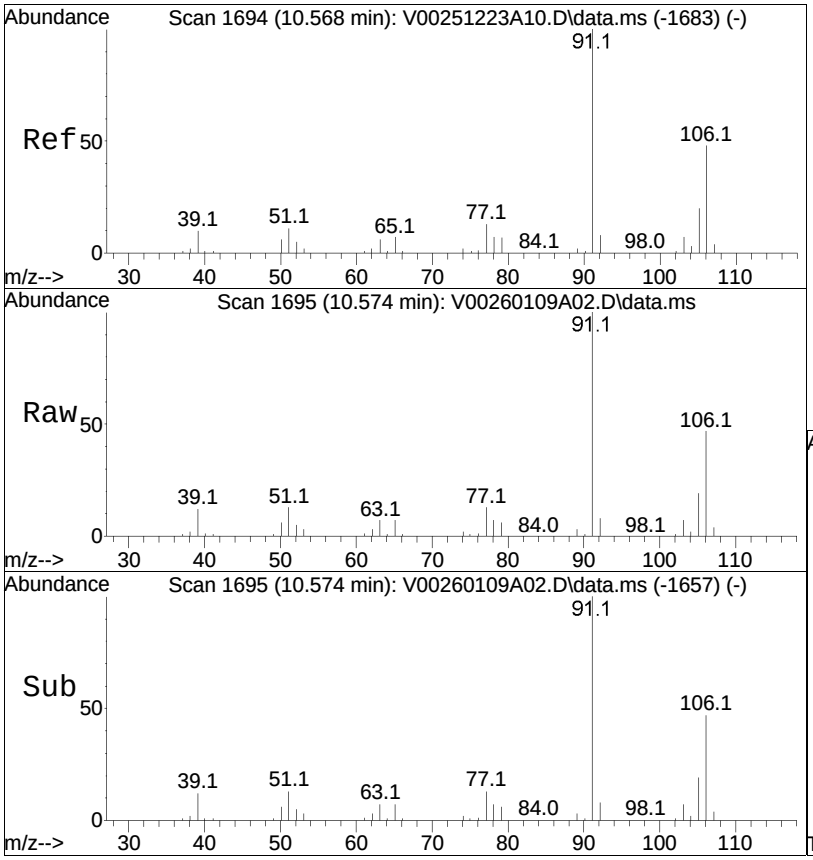


#77
p/m Xylene
Concen: 85.18 ug/L
RT: 10.044 min Scan# 1594
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:106 Resp: 341026

Ion	Ratio	Lower	Upper
106	100		
91	200.9	159.5	239.3

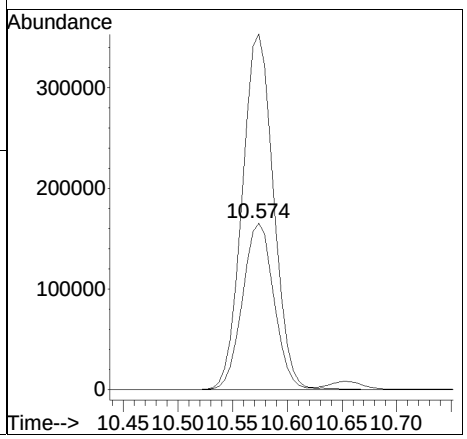


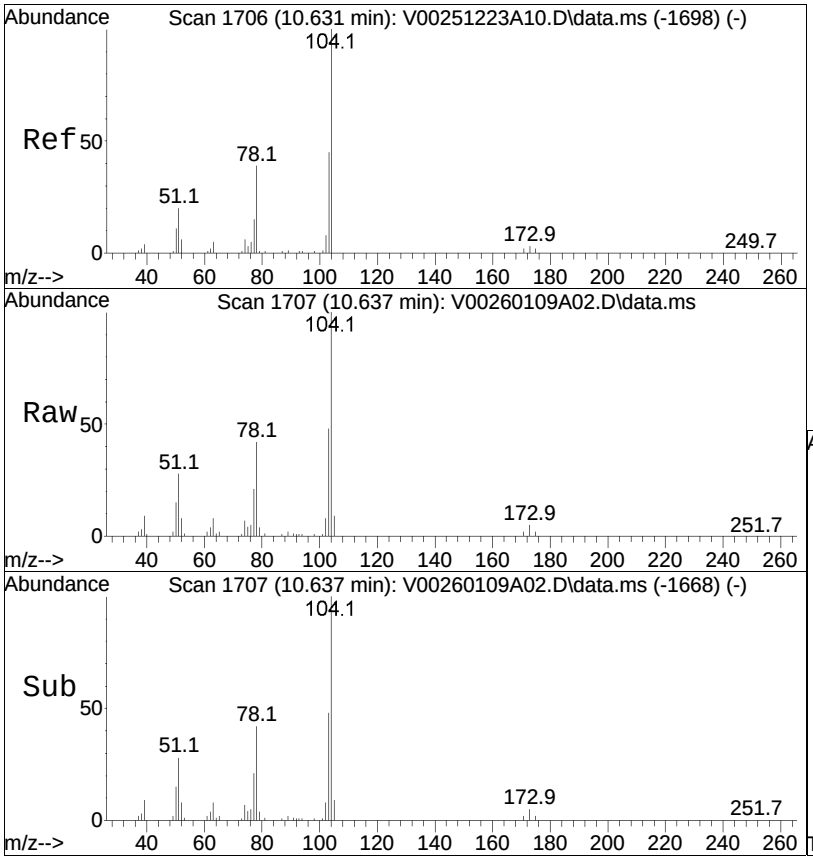


#78
o Xylene
Concen: 83.74 ug/L
RT: 10.574 min Scan# 1695
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:106 Resp: 331373

Ion	Ratio	Lower	Upper
106	100		
91	211.4	168.6	252.8

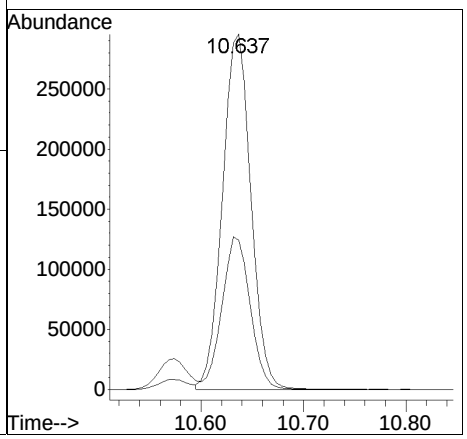


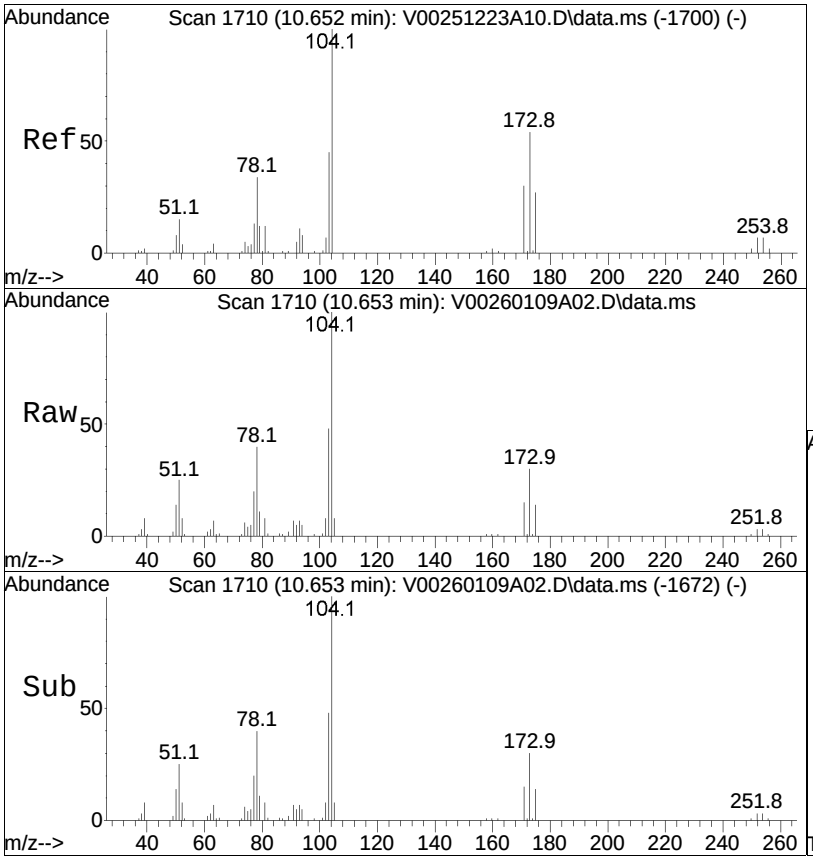


#79
Styrene
Concen: 85.78 ug/L
RT: 10.637 min Scan# 1707
Delta R.T. 0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:104 Resp: 571186

Ion	Ratio	Lower	Upper
104	100		
78	42.3	33.8	50.6

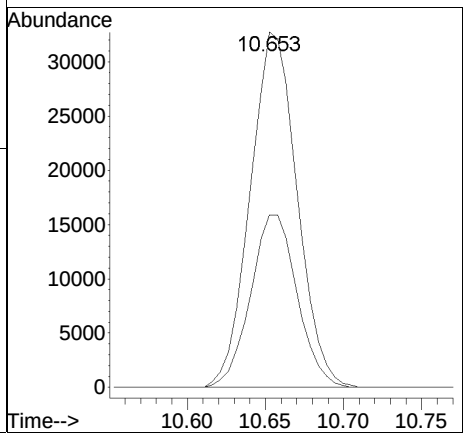


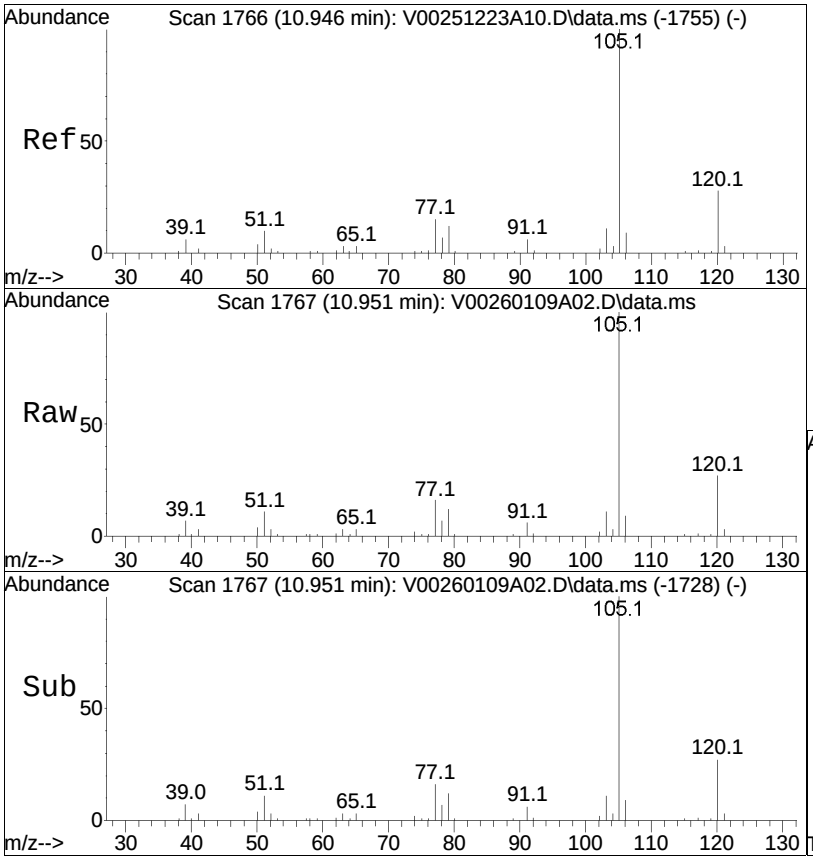


#81
Bromoform
Concen: 37.12 ug/L
RT: 10.653 min Scan# 1710
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:173 Resp: 68325

Ion	Ratio	Lower	Upper
173	100		
175	48.2	27.8	67.8

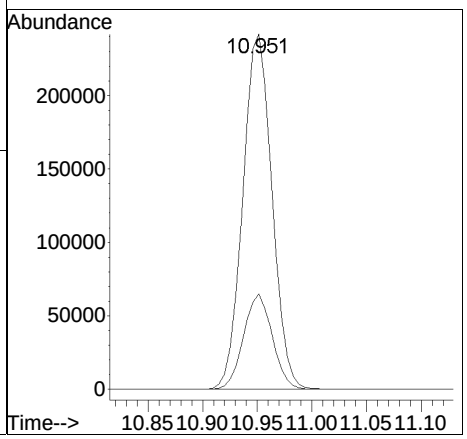


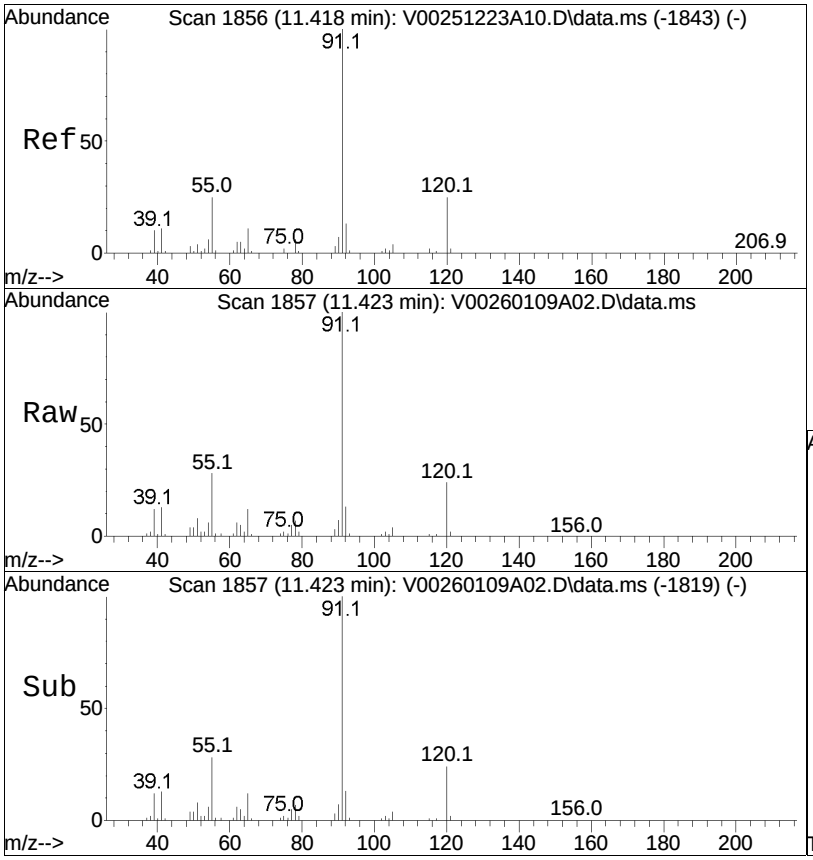


#83
Isopropylbenzene
Concen: 42.07 ug/L
RT: 10.951 min Scan# 1767
Delta R.T. 0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:105 Resp: 449198

Ion	Ratio	Lower	Upper
105	100		
120	26.5	6.4	46.4

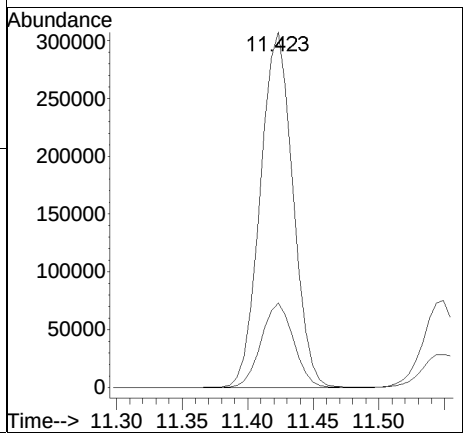


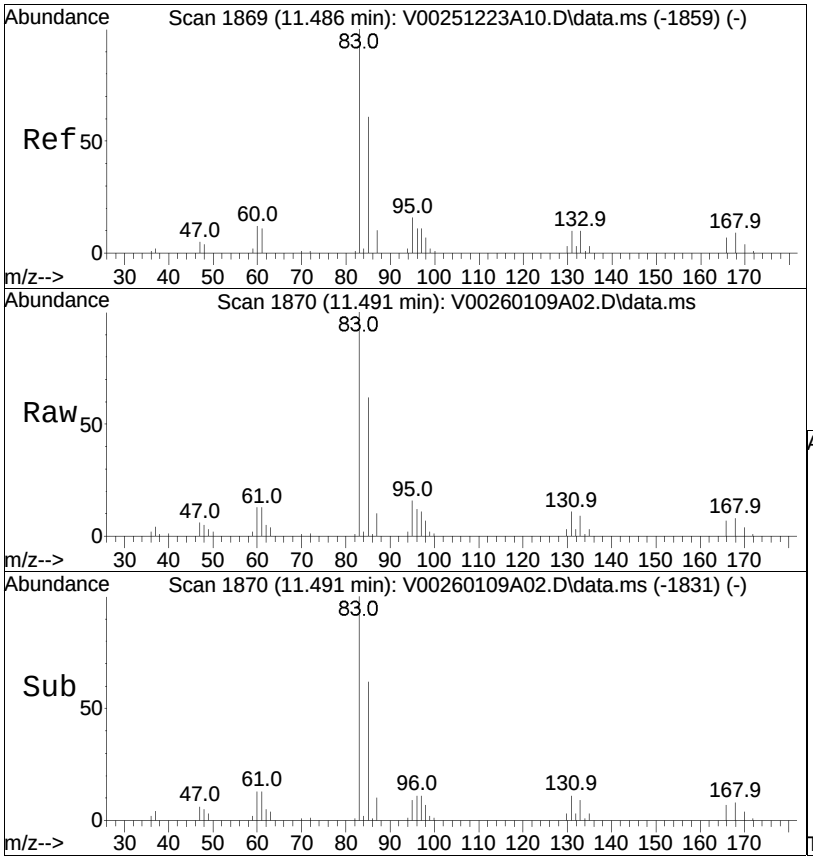


#86
n-Propylbenzene
Concen: 43.71 ug/L
RT: 11.423 min Scan# 1857
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 91 Resp: 531368

Ion	Ratio	Lower	Upper
91	100		
120	23.5	18.2	27.2

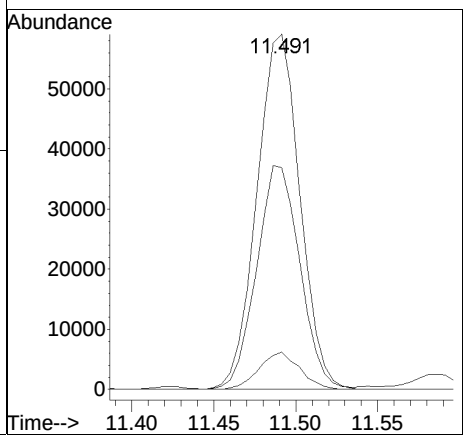


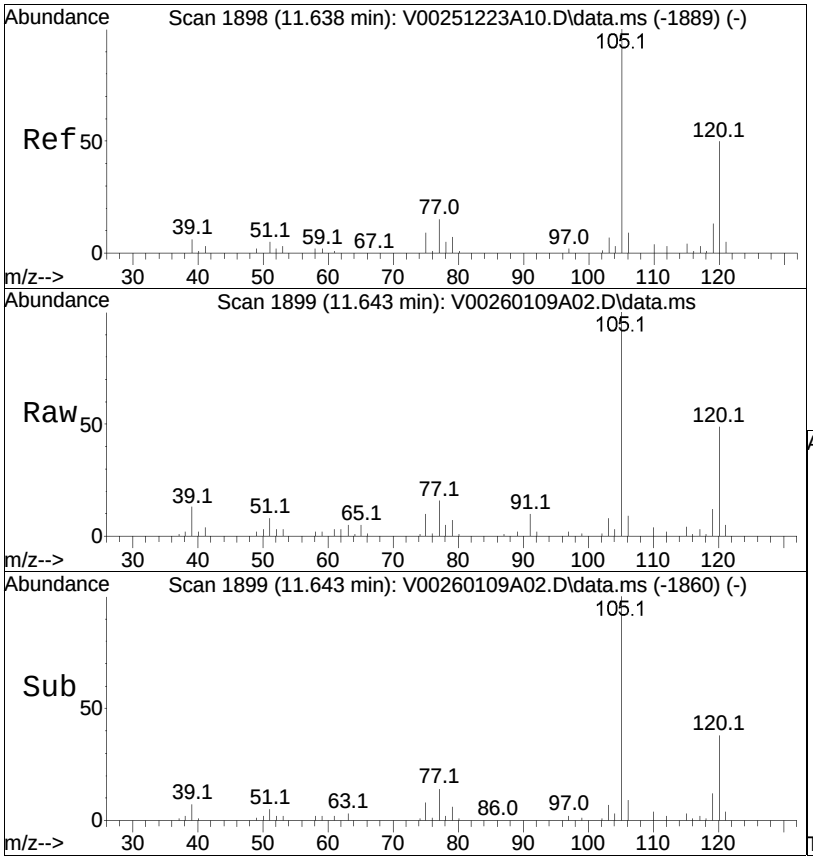


#88
1,1,2,2-Tetrachloroethane
Concen: 42.84 ug/L
RT: 11.491 min Scan# 1870
Delta R.T. 0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 83 Resp: 107856

Ion	Ratio	Lower	Upper
83	100		
131	10.0	0.0	30.1
85	63.5	45.9	85.9

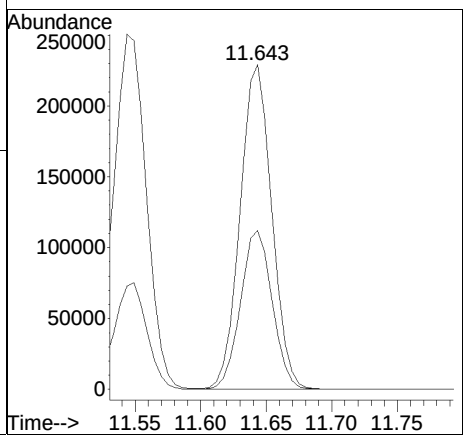


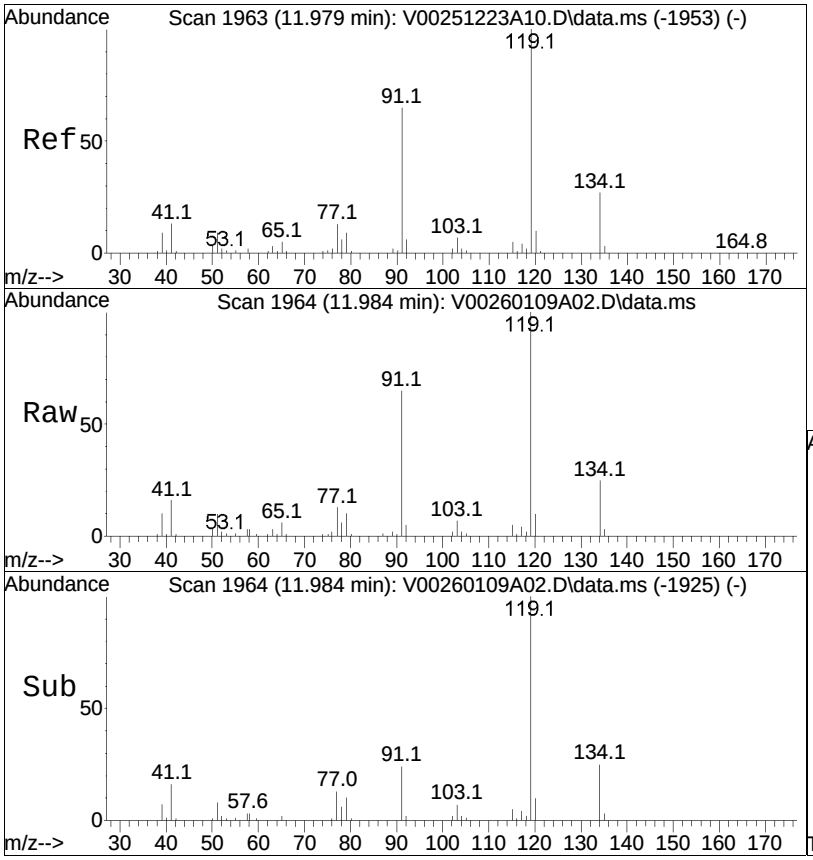


#91
1,3,5-Trimethylbenzene
Concen: 42.62 ug/L
RT: 11.643 min Scan# 1899
Delta R.T. 0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:105 Resp: 385276

Ion	Ratio	Lower	Upper
105	100		
120	49.0	39.1	58.7

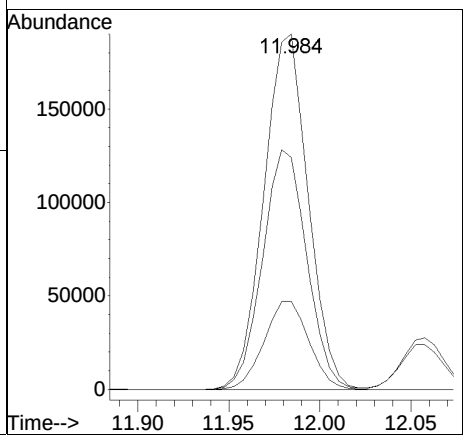


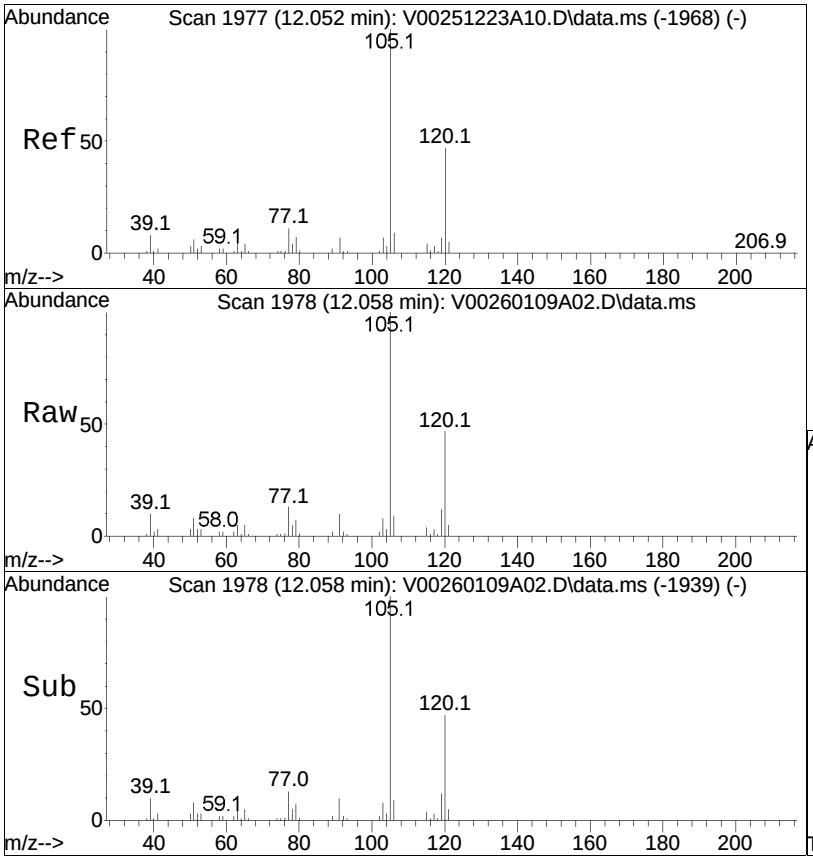


#95
tert-Butylbenzene
Concen: 41.00 ug/L
RT: 11.984 min Scan# 1964
Delta R.T. 0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:119 Resp: 321944

Ion	Ratio	Lower	Upper
119	100		
91	67.3	54.8	82.2
134	25.1	20.6	30.8

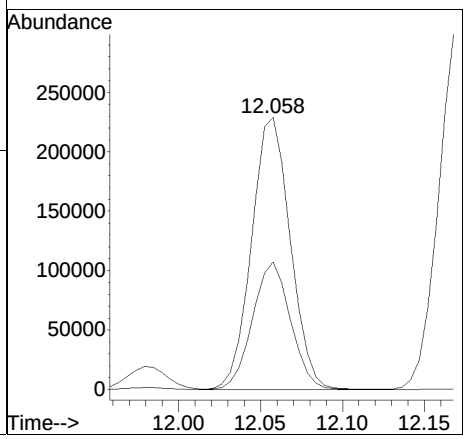


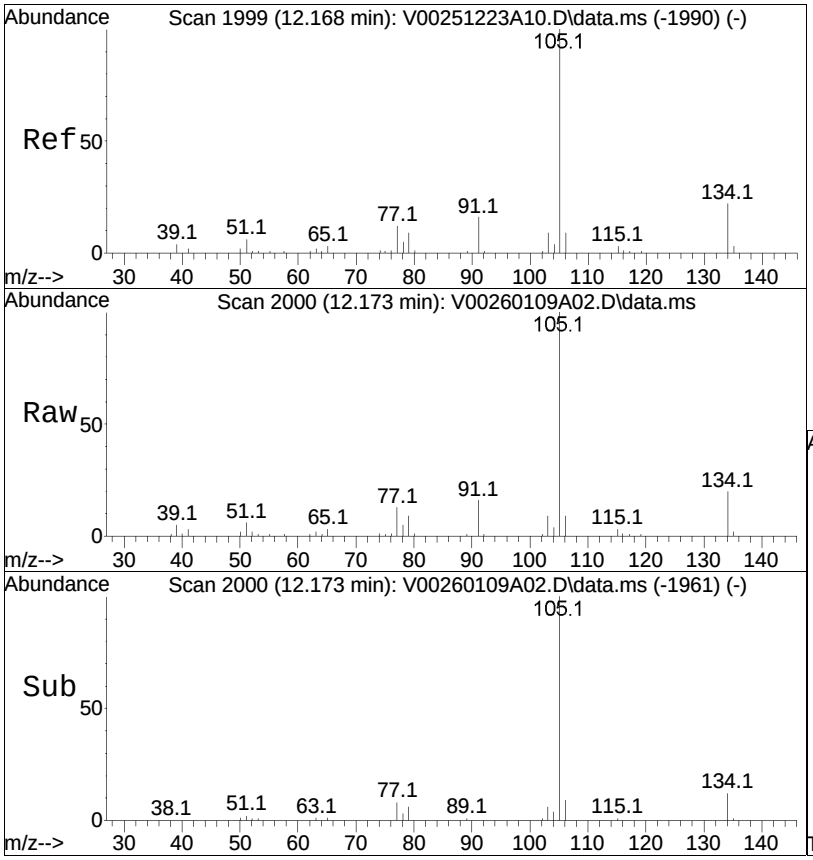


#98
1,2,4-Trimethylbenzene
Concen: 42.07 ug/L
RT: 12.058 min Scan# 1978
Delta R.T. 0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:105 Resp: 376260

Ion	Ratio	Lower	Upper
105	100		
120	45.8	37.1	55.7

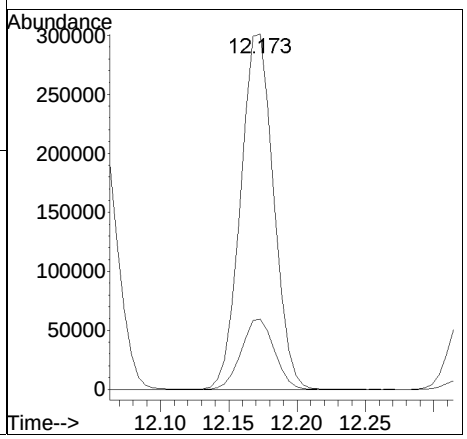


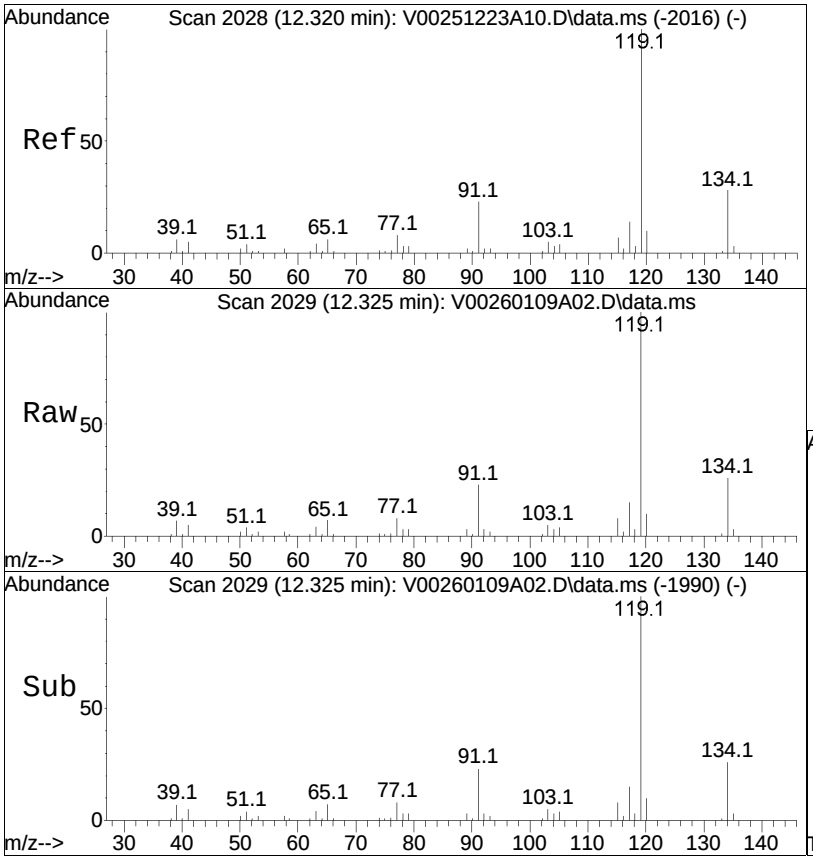


#99
sec-Butylbenzene
Concen: 43.38 ug/L
RT: 12.173 min Scan# 2000
Delta R.T. 0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:105 Resp: 506069

Ion	Ratio	Lower	Upper
105	100		
134	19.8	13.5	27.9

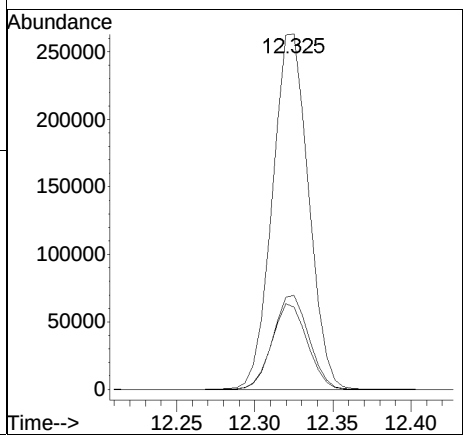


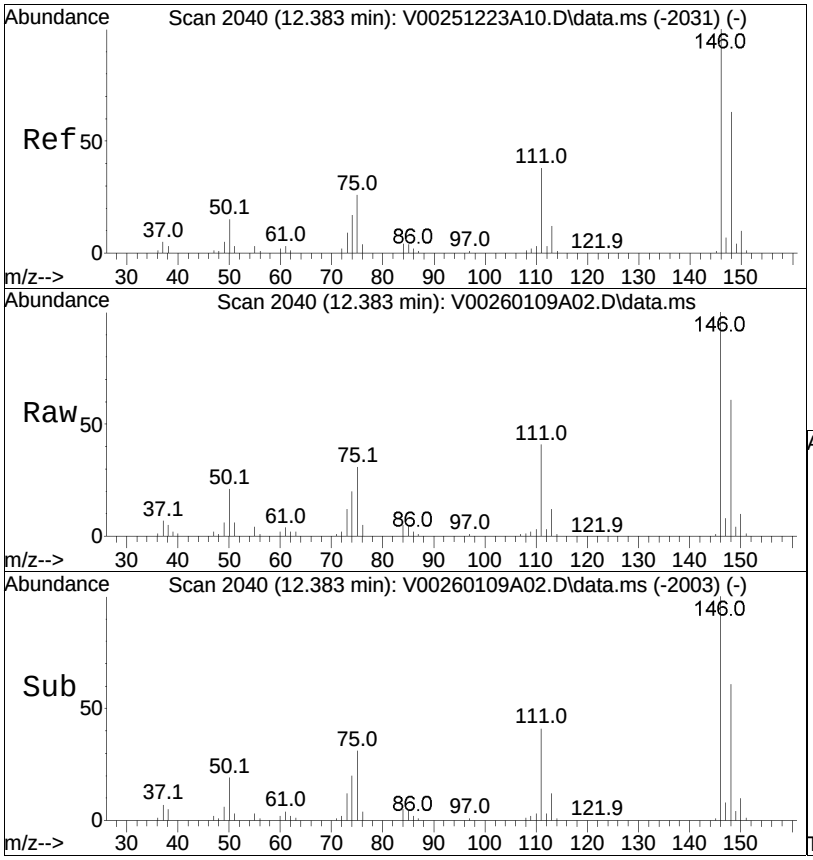


#100
p-Isopropyltoluene
Concen: 42.16 ug/L
RT: 12.325 min Scan# 2029
Delta R.T. 0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:119 Resp: 424576

Ion	Ratio	Lower	Upper
119	100		
134	26.3	17.4	36.0
91	23.7	15.8	32.8

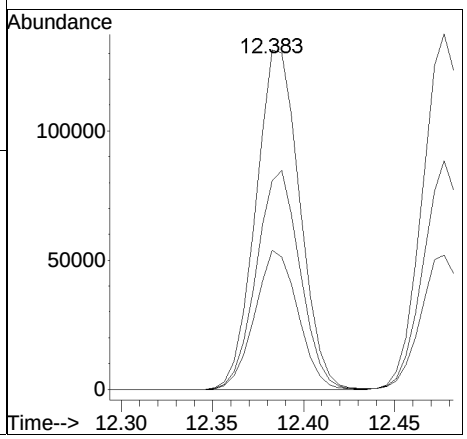


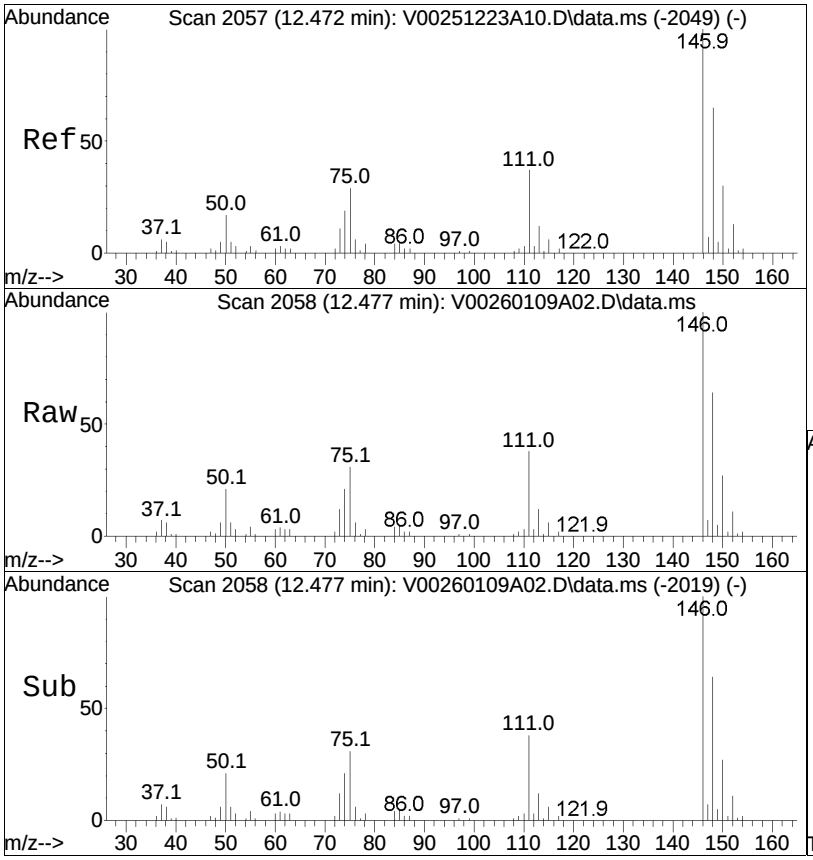


#101
1,3-Dichlorobenzene
Concen: 39.74 ug/L
RT: 12.383 min Scan# 2040
Delta R.T. -0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:146 Resp: 220780

Ion	Ratio	Lower	Upper
146	100		
111	40.1	26.1	54.1
148	63.7	40.8	84.8

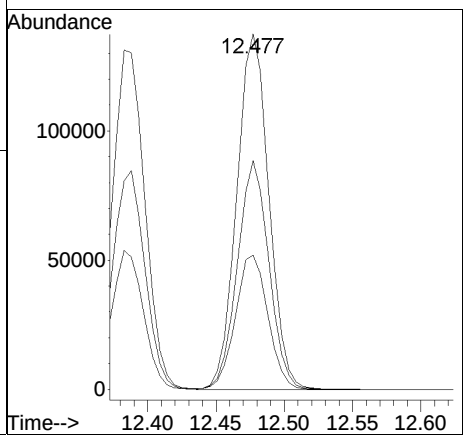


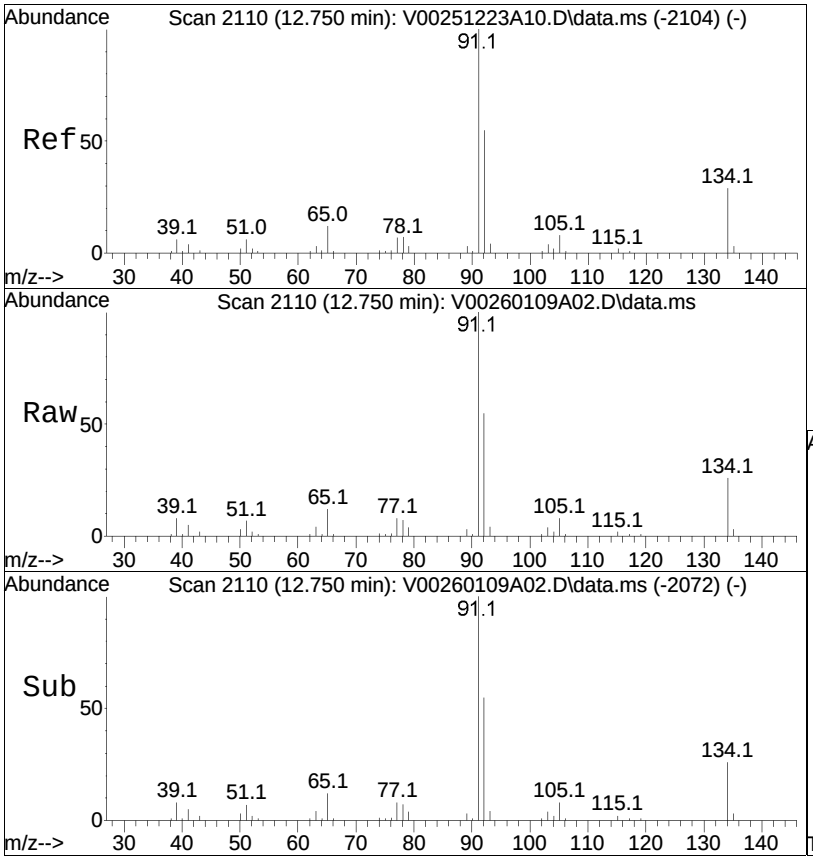


#102
1,4-Dichlorobenzene
Concen: 39.88 ug/L
RT: 12.477 min Scan# 2058
Delta R.T. 0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:146 Resp: 224736

Ion	Ratio	Lower	Upper
146	100		
111	38.3	32.1	48.1
148	63.1	50.6	75.8

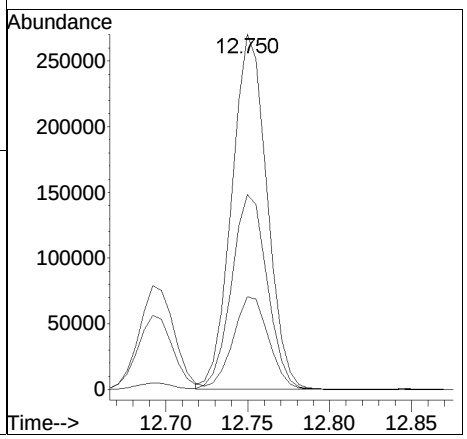


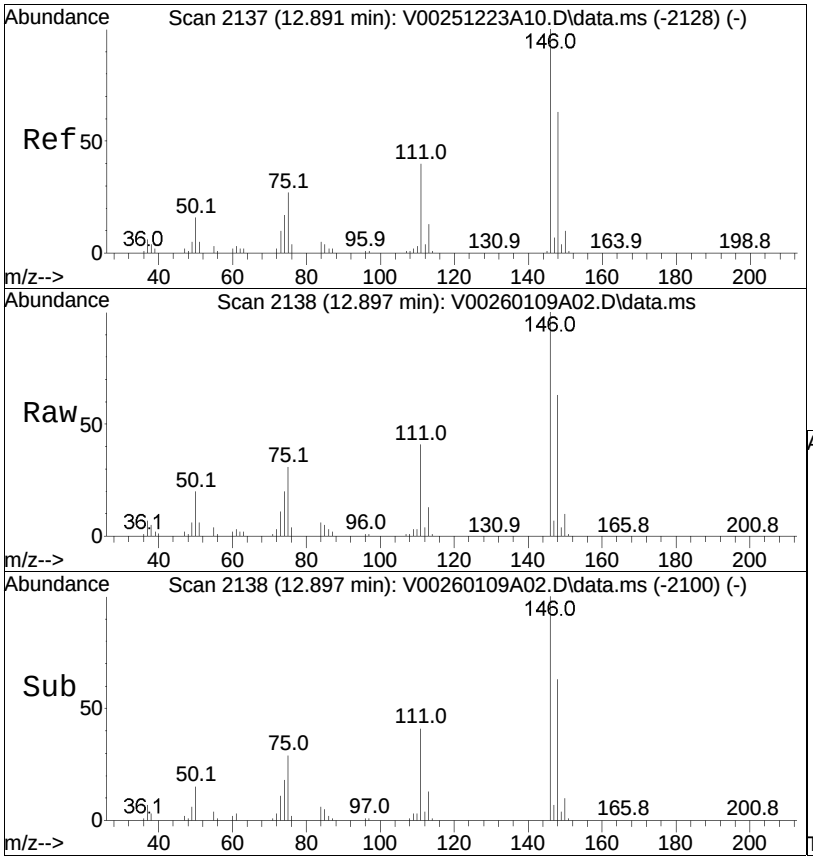


#104
n-Butylbenzene
Concen: 45.03 ug/L
RT: 12.750 min Scan# 2110
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 91 Resp: 403586

Ion	Ratio	Lower	Upper
91	100		
92	55.7	43.7	65.5
134	26.4	21.5	32.3

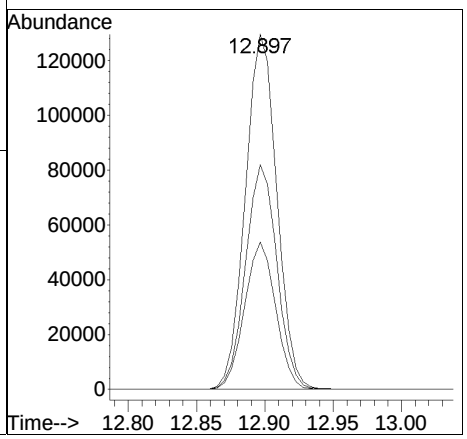


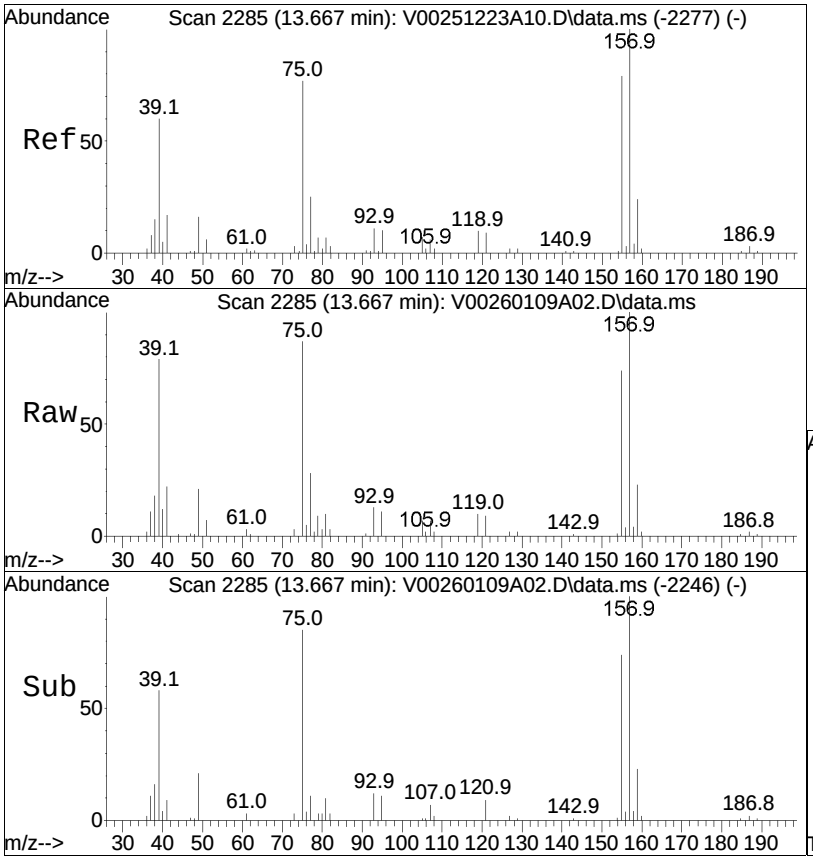


#105
1,2-Dichlorobenzene
Concen: 39.83 ug/L
RT: 12.897 min Scan# 2138
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:146 Resp: 208469

Ion	Ratio	Lower	Upper
146	100		
111	40.9	26.9	55.9
148	63.0	40.3	83.7

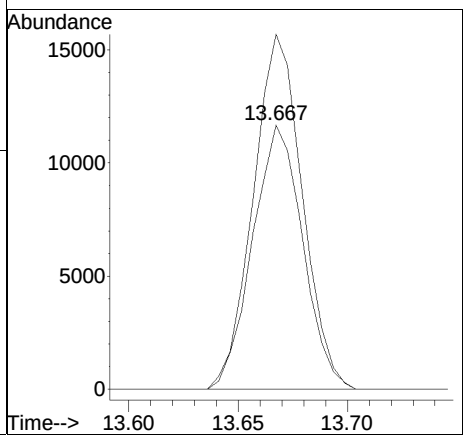


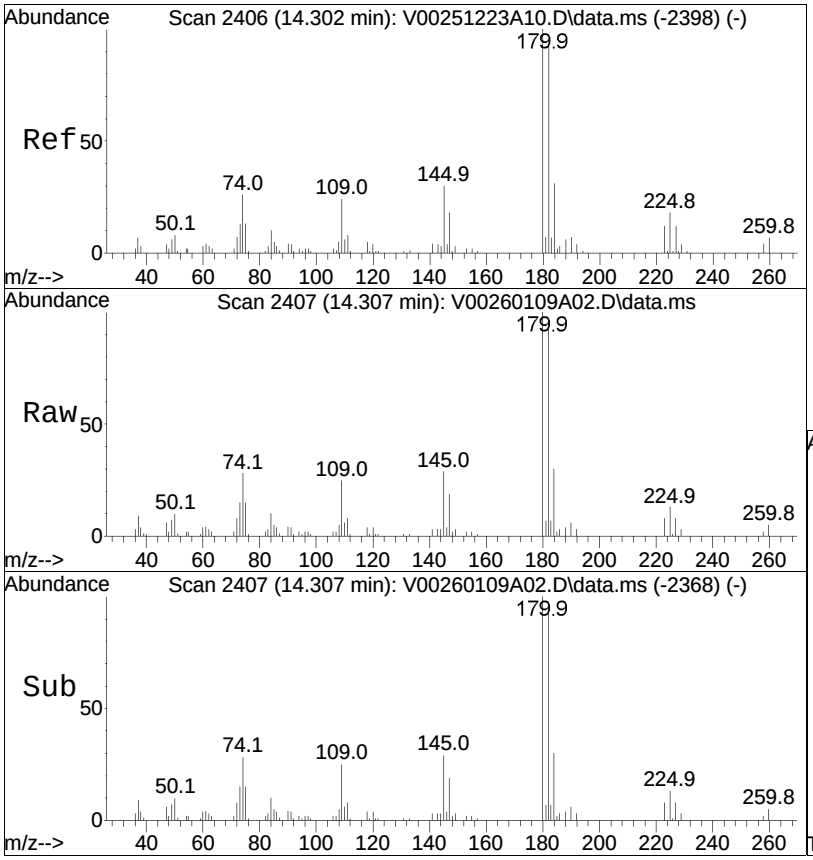


#107
1,2-Dibromo-3-chloropropane
Concen: 36.26 ug/L
RT: 13.667 min Scan# 2285
Delta R.T. 0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:155 Resp: 18629

Ion	Ratio	Lower	Upper
155	100		
157	131.4	97.0	145.4

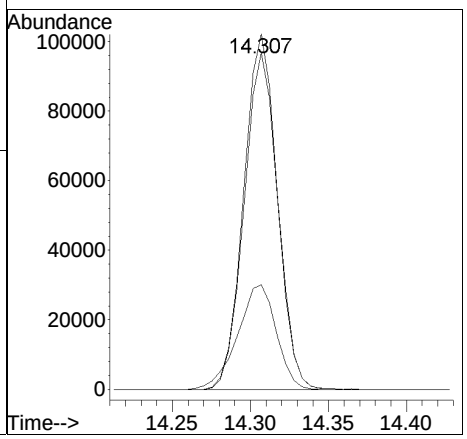


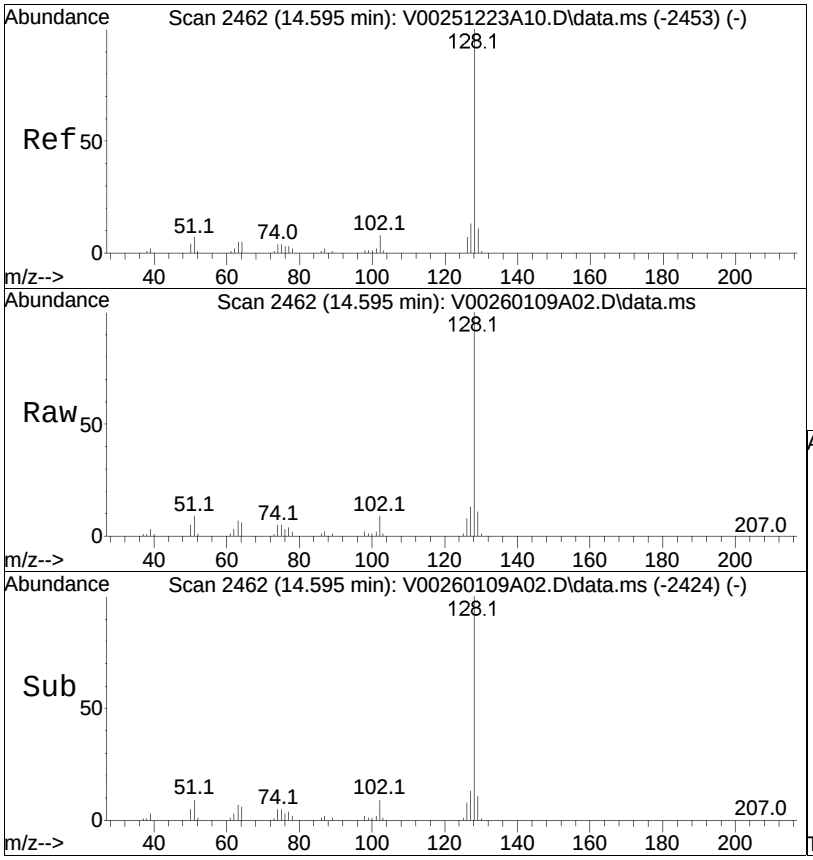


#110
1,2,4-Trichlorobenzene
Concen: 38.90 ug/L
RT: 14.307 min Scan# 2407
Delta R.T. 0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:180 Resp: 152999

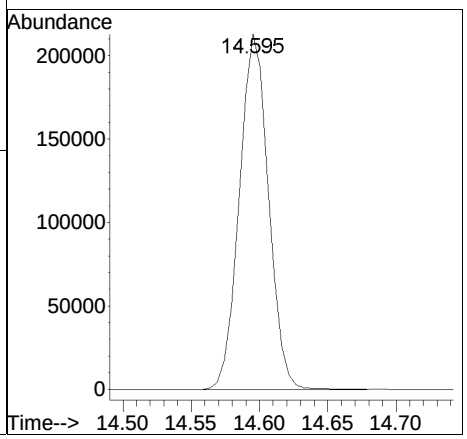
Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.8	113.6
145	33.8	29.2	43.8





#111
Naphthalene
Concen: 39.54 ug/L
RT: 14.595 min Scan# 2462
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:128 Resp: 315222

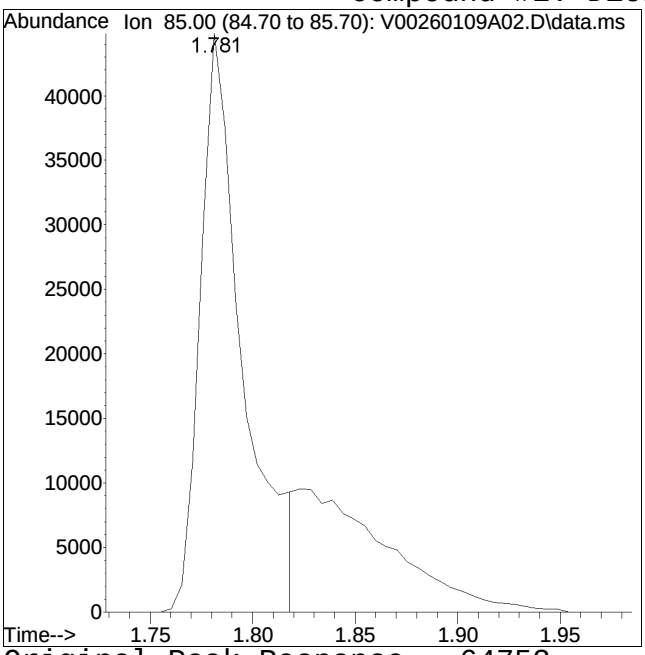


Manual Integration Report

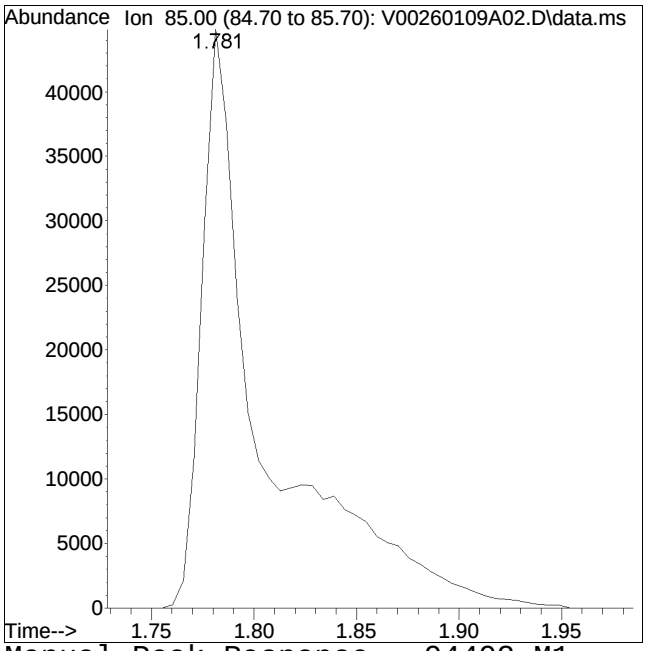
Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A02.D
Date Inj'd : 1/9/2026 8:56 am
Sample : WG2164110-4,31,5,5

QMethod : V100_251223A_8260.m
Operator : VOA100:AJK
Instrument : VOA100
Quant Date : 1/9/2026 9:20 am

Compound #2: Dichlorodifluoromethane



Original Peak Response = 64752



Manual Peak Response = 94492 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A02.D
Acq On : 09 Jan 2026 08:56 am
Operator : VOA100:AJK
Sample : WG2164111-4,31h,15,15,0.1
Misc : WG2164111,ICAL22914
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 09 09:20:54 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.227	96	149949	20.000	ug/L	0.00
Standard Area 1 = 151439			Recovery = 99.02%			
60) Chlorobenzene-d5	9.793	117	122090	20.000	ug/L	0.00
Standard Area 1 = 117500			Recovery = 103.91%			
80) 1,4-Dichlorobenzene-d4	12.461	152	72689	20.000	ug/L	0.00
Standard Area 1 = 67544			Recovery = 107.62%			
System Monitoring Compounds						
37) Dibromofluoromethane	5.409	113	40369	19.380	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 96.90%			
44) 1,2-Dichloroethane-d4	5.934	65	43510	21.018	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.09%			
61) Toluene-d8	7.937	98	156904	19.999	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 99.99%			
84) 4-Bromofluorobenzene	11.261	95	61045	21.073	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.36%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.781	85	94492M1	42.205	ug/L	
3) Chloromethane	2.012	50	118694	50.988	ug/L	96
4) Vinyl chloride	2.054	62	114142	49.442	ug/L	85
5) Bromomethane	2.374	94	59184	49.106	ug/L	99
6) Chloroethane	2.500	64	68254	47.240	ug/L	87
7) Trichlorofluoromethane	2.646	101	143956	45.293	ug/L	99
10) 1,1-Dichloroethene	3.150	96	80697	43.124	ug/L	96
11) Carbon disulfide	3.186	76	311640	41.049	ug/L	100
12) Freon-113	3.186	101	81276	43.593	ug/L	96
15) Methylene chloride	3.700	84	94757	40.892	ug/L	74
17) Acetone	3.726	43	33544	32.170	ug/L #	86
18) trans-1,2-Dichloroethene	3.863	96	91340	42.534	ug/L	98
19) Methyl acetate	3.852	43	64405	46.245	ug/L #	77
20) Methyl tert-butyl ether	3.957	73	262956	43.841	ug/L #	89
23) 1,1-Dichloroethane	4.445	63	175788	45.687	ug/L	99
28) cis-1,2-Dichloroethene	4.964	96	99772	41.924	ug/L	99
32) Cyclohexane	5.189	56	168981	49.206	ug/L	88
33) Chloroform	5.231	83	179112	43.640	ug/L	95
35) Carbon tetrachloride	5.383	117	137559	42.714	ug/L	98
38) 1,1,1-Trichloroethane	5.446	97	148662	44.862	ug/L	99

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A02.D
Acq On : 09 Jan 2026 08:56 am
Operator : VOA100:AJK
Sample : WG2164111-4,31h,15,15,0.1
Misc : WG2164111,ICAL22914
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 09 09:20:54 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
40) 2-Butanone	5.509	43	44824	49.976	ug/L	#	89
42) Benzene	5.813	78	357150	45.024	ug/L		95
45) 1,2-Dichloroethane	6.007	62	130666	46.081	ug/L		99
48) Methyl cyclohexane	6.421	83	163846	45.587	ug/L		87
49) Trichloroethene	6.416	95	98797	45.113	ug/L		98
52) 1,2-Dichloropropane	6.956	63	97675	45.933	ug/L		99
55) Bromodichloromethane	7.024	83	138955	44.782	ug/L		99
59) cis-1,3-Dichloropropene	7.716	75	162189	45.591	ug/L	#	78
62) Toluene	8.000	92	229001	42.383	ug/L		96
63) 4-Methyl-2-pentanone	8.408	58	30257	44.098	ug/L	#	38
64) Tetrachloroethene	8.461	166	101471	38.920	ug/L		98
66) trans-1,3-Dichloropropene	8.466	75	147232	44.632	ug/L		85
69) 1,1,2-Trichloroethane	8.655	83	67089	43.251	ug/L		98
70) Chlorodibromomethane	8.875	129	102871	40.935	ug/L		100
72) 1,2-Dibromoethane	9.153	107	79466	41.421	ug/L		98
73) 2-Hexanone	9.426	43	62173	44.844	ug/L	#	77
74) Chlorobenzene	9.814	112	252765	40.941	ug/L		98
75) Ethylbenzene	9.856	91	439309	42.915	ug/L		100
77) p/m Xylene	10.044	106	341026	85.180	ug/L		99
78) o Xylene	10.574	106	331373	83.742	ug/L		100
79) Styrene	10.637	104	571186	85.784	ug/L		100
81) Bromoform	10.653	173	68325	37.117	ug/L		99
83) Isopropylbenzene	10.951	105	449198	42.074	ug/L		100
86) n-Propylbenzene	11.423	91	531368	43.708	ug/L		98
88) 1,1,2,2-Tetrachloroethane	11.491	83	107856	42.841	ug/L		97
91) 1,3,5-Trimethylbenzene	11.643	105	385276	42.617	ug/L		100
95) tert-Butylbenzene	11.984	119	321944	41.001	ug/L		99
98) 1,2,4-Trimethylbenzene	12.058	105	376260	42.068	ug/L		99
99) sec-Butylbenzene	12.173	105	506069	43.383	ug/L		98
100) p-Isopropyltoluene	12.325	119	424576	42.155	ug/L		99
101) 1,3-Dichlorobenzene	12.383	146	220780	39.739	ug/L		99
102) 1,4-Dichlorobenzene	12.477	146	224736	39.880	ug/L		99
104) n-Butylbenzene	12.750	91	403586	45.029	ug/L		99
105) 1,2-Dichlorobenzene	12.897	146	208469	39.827	ug/L		99
107) 1,2-Dibromo-3-chloropr...	13.667	155	18629	36.259	ug/L		91
110) 1,2,4-Trichlorobenzene	14.307	180	152999	38.896	ug/L		99
111) Naphthalene	14.595	128	315222	39.542	ug/L		100

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

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A02.D
Acq On : 09 Jan 2026 08:56 am
Operator : VOA100:AJK
Sample : WG2164111-4,31h,15,15,0.1
Misc : WG2164111,ICAL22914
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 09 09:20:54 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA100\2026\260109A\V00260109A01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

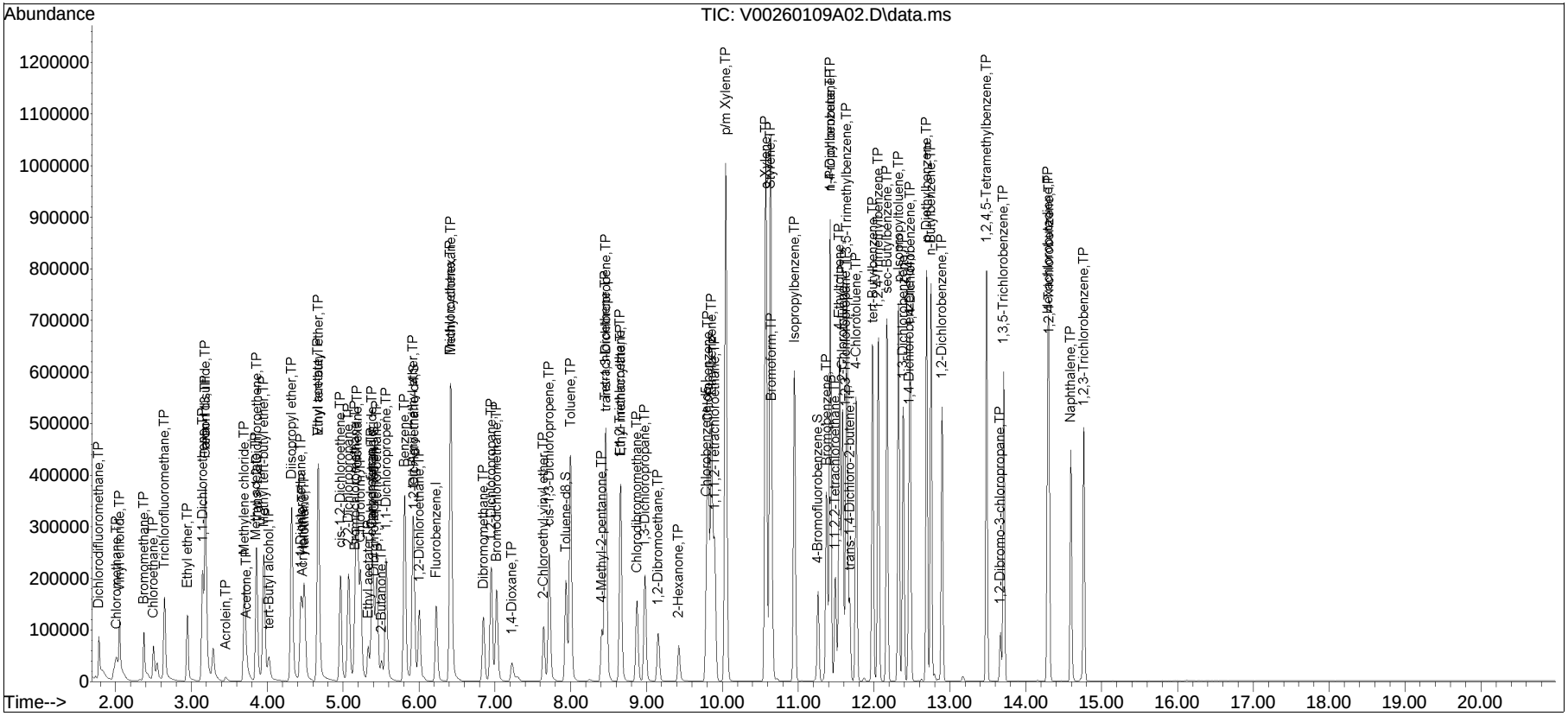
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

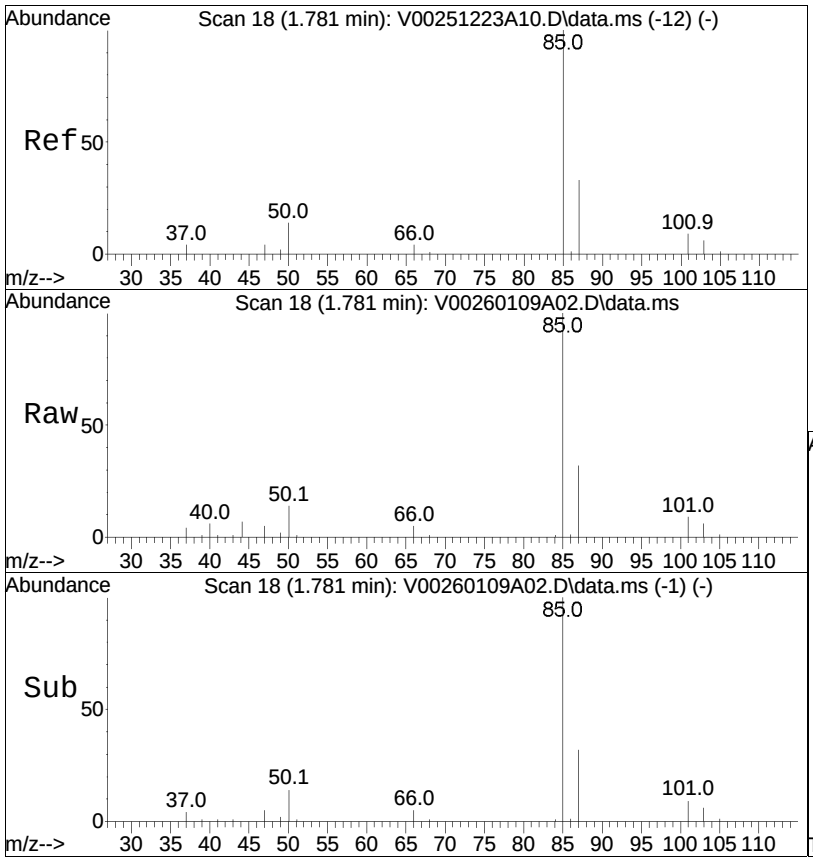
Quantitation Report (QT Reviewed)

Data Path : K:\VOA100\2026\260109A\
Data File : V00260109A02.D
Acq On : 09 Jan 2026 08:56 am
Operator : VOA100:AJK
Sample : WG2164111-4,31h,15,15,0.1
Misc : WG2164111,ICAL22914
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 09 09:20:54 2026
Quant Method : K:\VOA100\2026\260109A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox09A01.D•

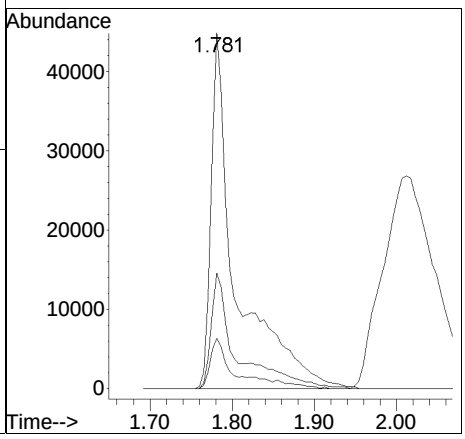


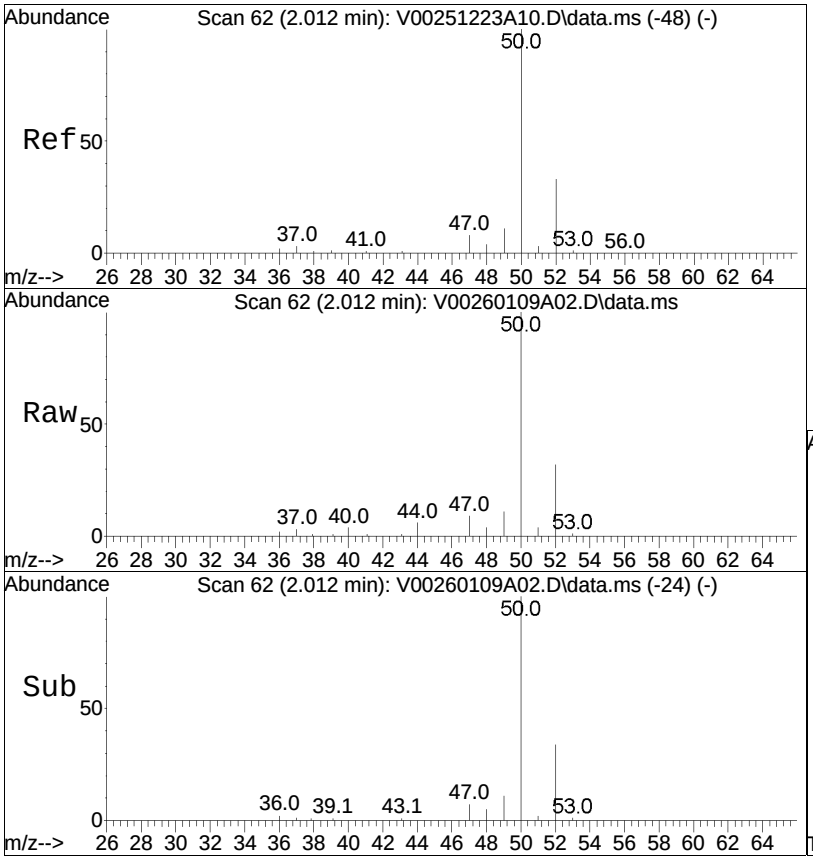


#2
Dichlorodifluoromethane
Concen: 42.21 ug/L M1
RT: 1.781 min Scan# 18
Delta R.T. -0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 85 Resp: 94492

Ion	Ratio	Lower	Upper
85	100		
87	33.0	14.6	30.2#
50	14.3	6.1	12.7#

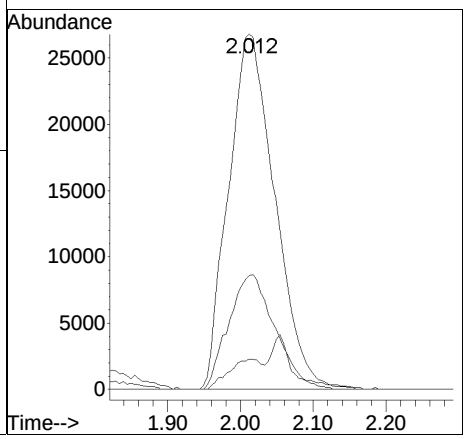


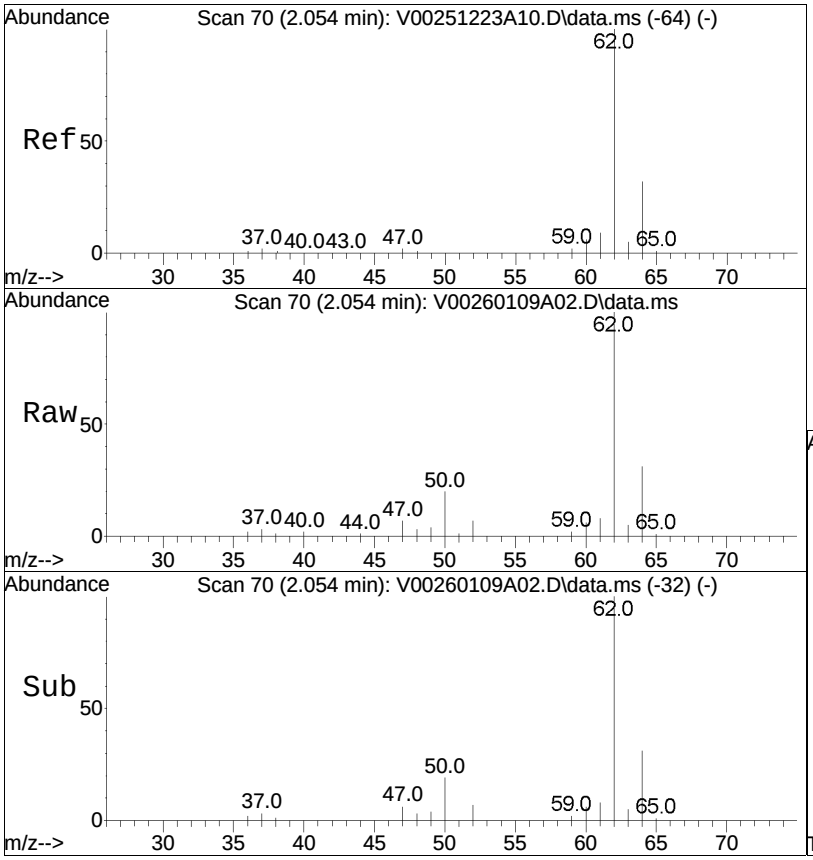


#3
Chloromethane
Concen: 50.99 ug/L
RT: 2.012 min Scan# 62
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 50 Resp: 118694

Ion	Ratio	Lower	Upper
50	100		
52	32.2	14.2	54.2
47	6.3	0.0	28.0

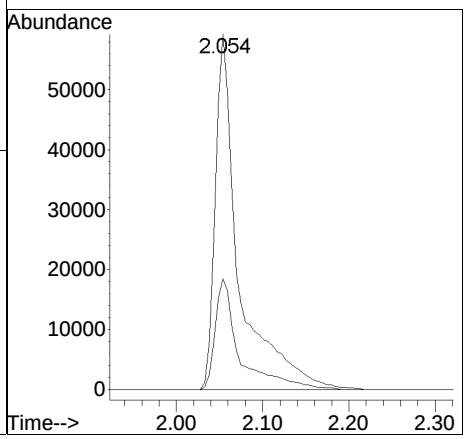


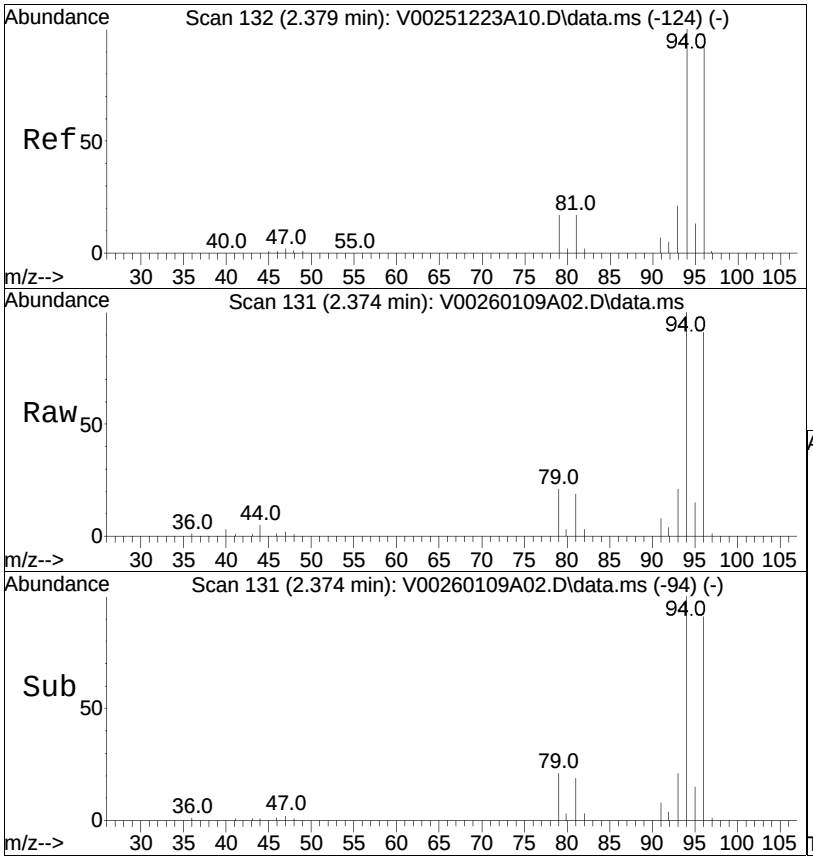


#4
Vinyl chloride
Concen: 49.44 ug/L
RT: 2.054 min Scan# 70
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 62 Resp: 114142

Ion	Ratio	Lower	Upper
62	100		
64	31.8	4.4	44.4

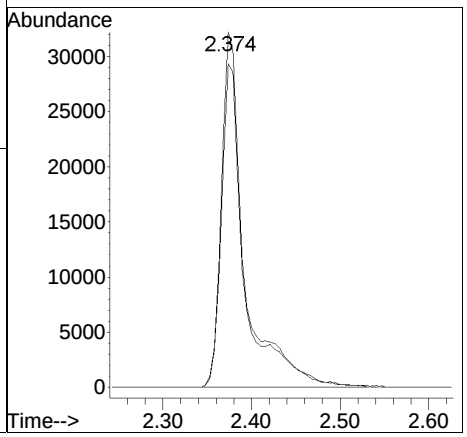


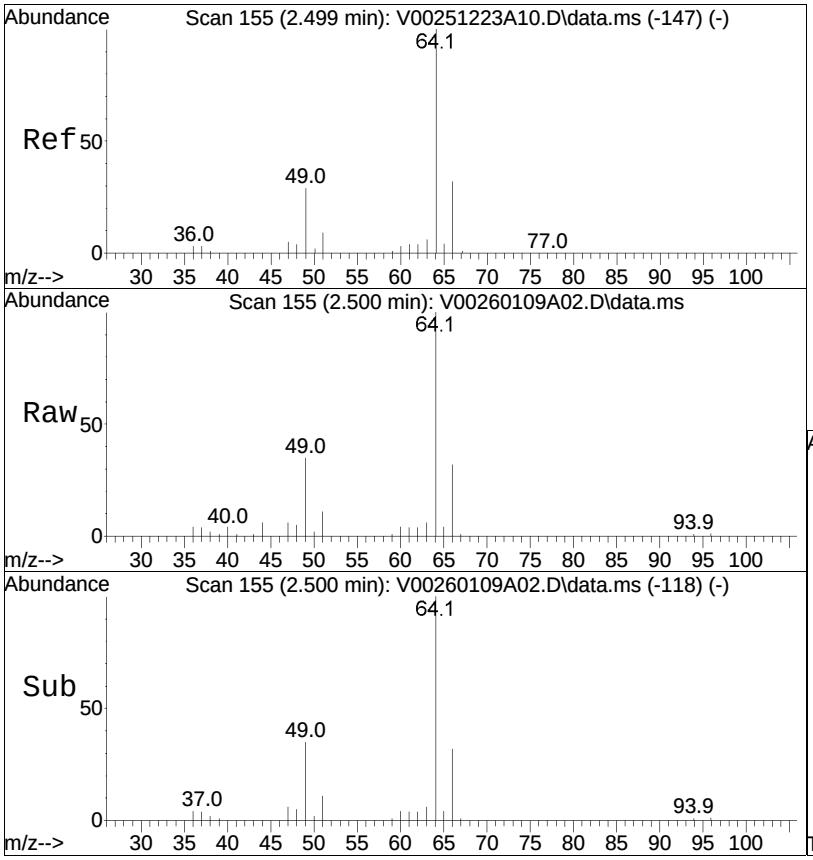


#5
Bromomethane
Concen: 49.11 ug/L
RT: 2.374 min Scan# 131
Delta R.T. -0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 94 Resp: 59184

Ion	Ratio	Lower	Upper
94	100		
96	91.7	72.4	112.4

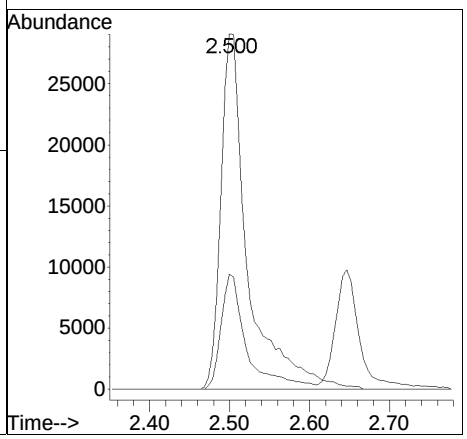


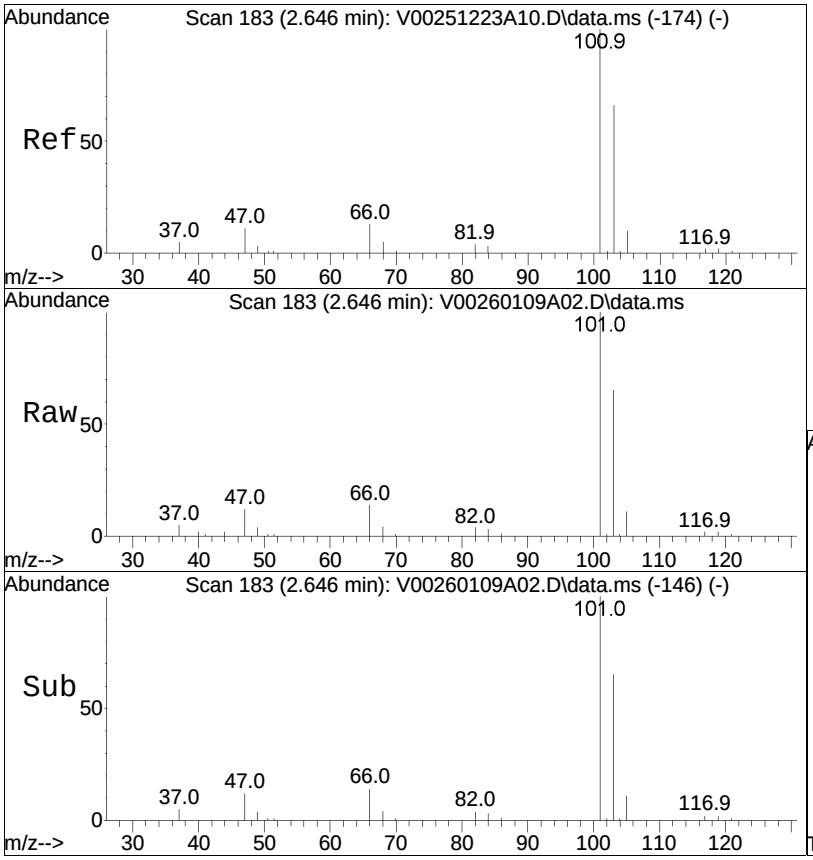


#6
Chloroethane
Concen: 47.24 ug/L
RT: 2.500 min Scan# 155
Delta R.T. -0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 64 Resp: 68254

Ion	Ratio	Lower	Upper
64	100		
66	31.2	4.8	44.8

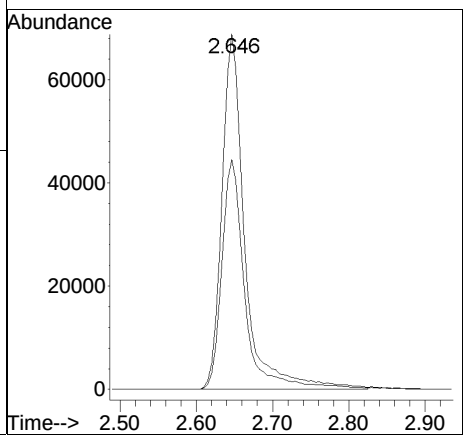


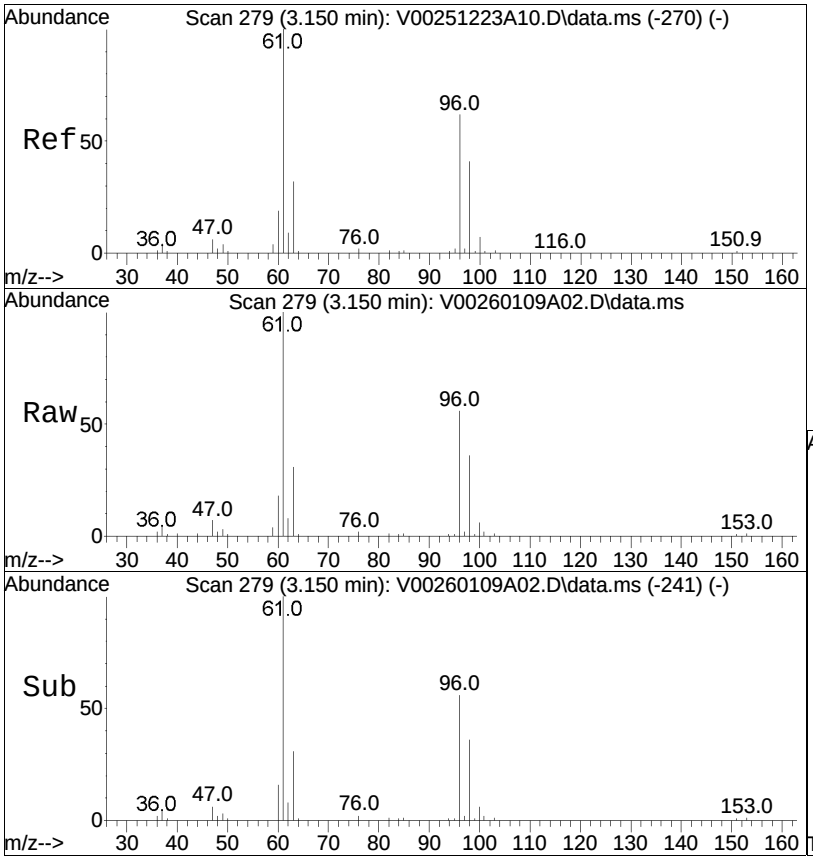


#7
Trichlorofluoromethane
Concen: 45.29 ug/L
RT: 2.646 min Scan# 183
Delta R.T. -0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:101 Resp: 143956

Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.5	77.3

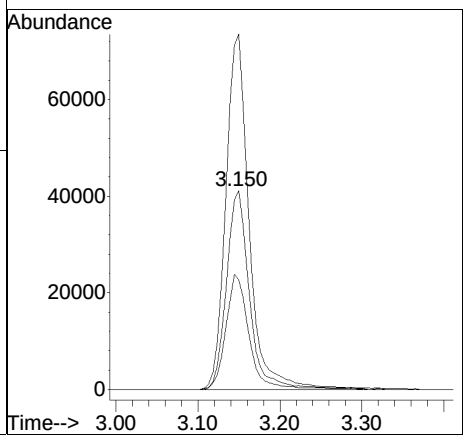


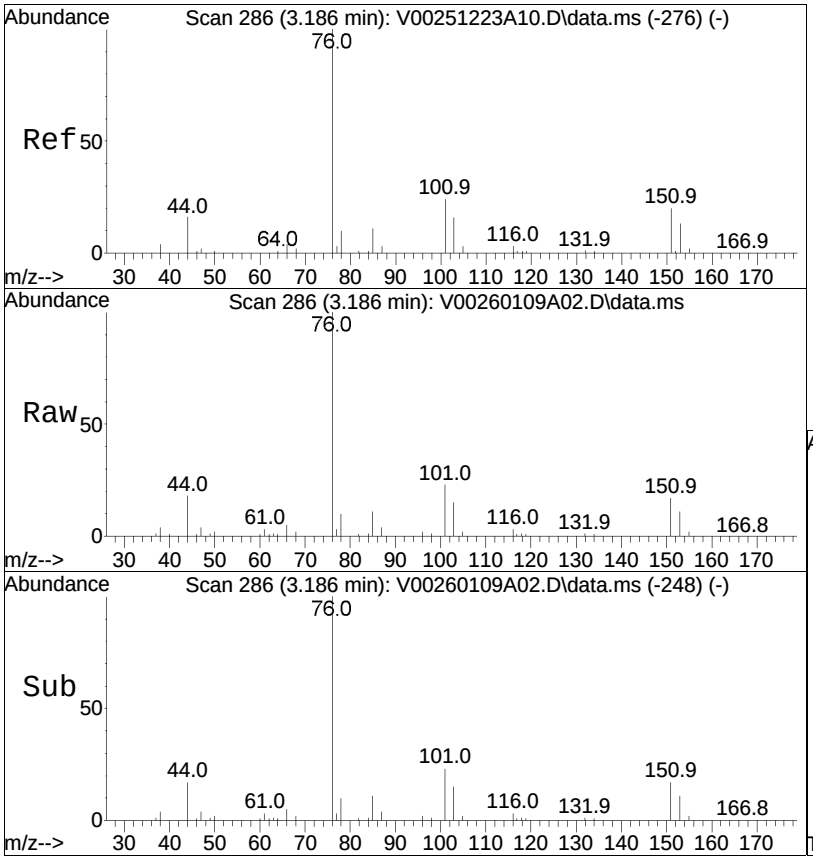


#10
1,1-Dichloroethene
Concen: 43.12 ug/L
RT: 3.150 min Scan# 279
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 96 Resp: 80697

Ion	Ratio	Lower	Upper
96	100		
61	180.3	149.4	224.2
63	57.6	47.0	70.6

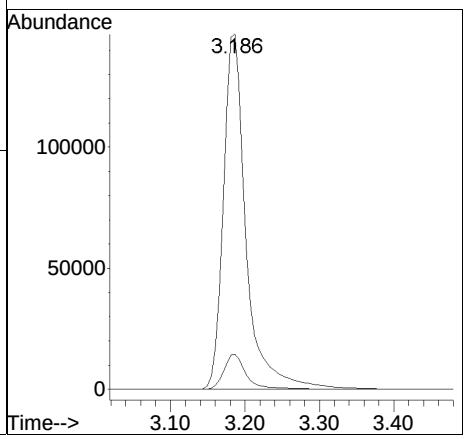


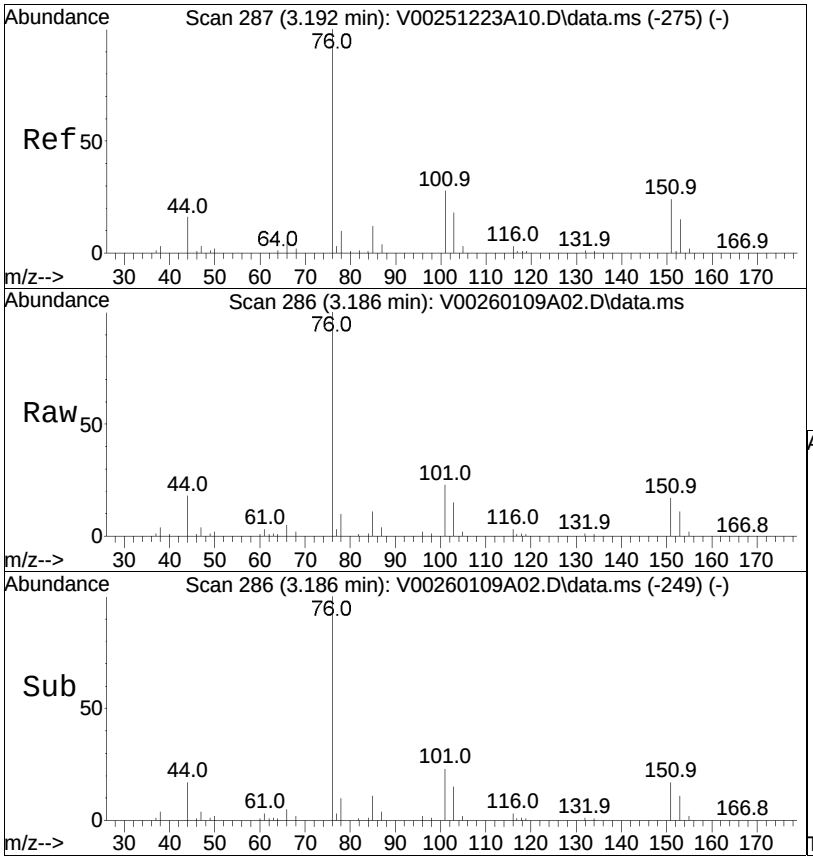


#11
Carbon disulfide
Concen: 41.05 ug/L
RT: 3.186 min Scan# 286
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 76 Resp: 311640

Ion	Ratio	Lower	Upper
76	100		
78	9.8	6.4	13.4

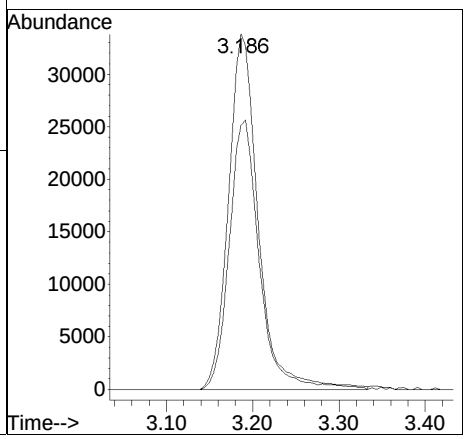


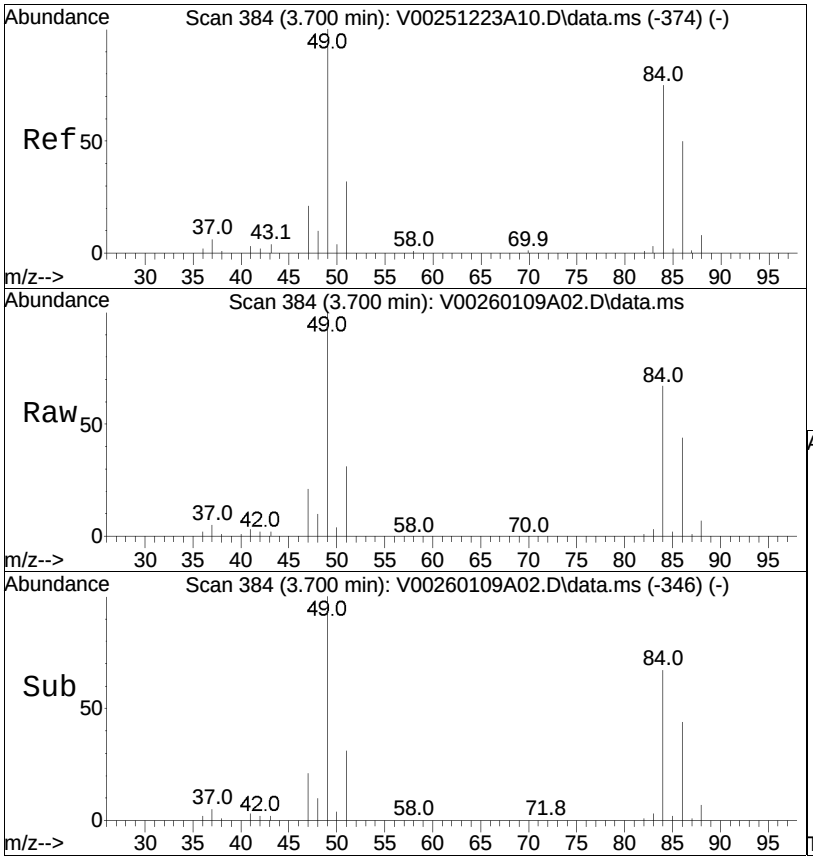


#12
Freon-113
Concen: 43.59 ug/L
RT: 3.186 min Scan# 286
Delta R.T. -0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:101 Resp: 81276

Ion	Ratio	Lower	Upper
101	100		
151	76.7	58.9	88.3

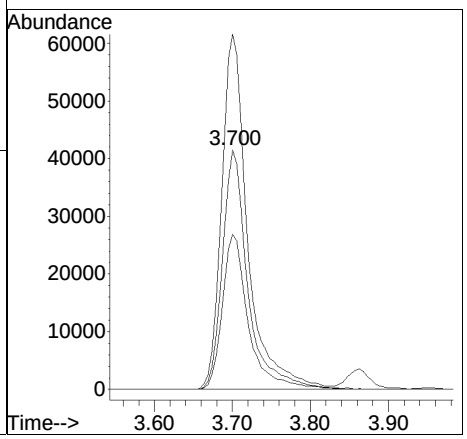


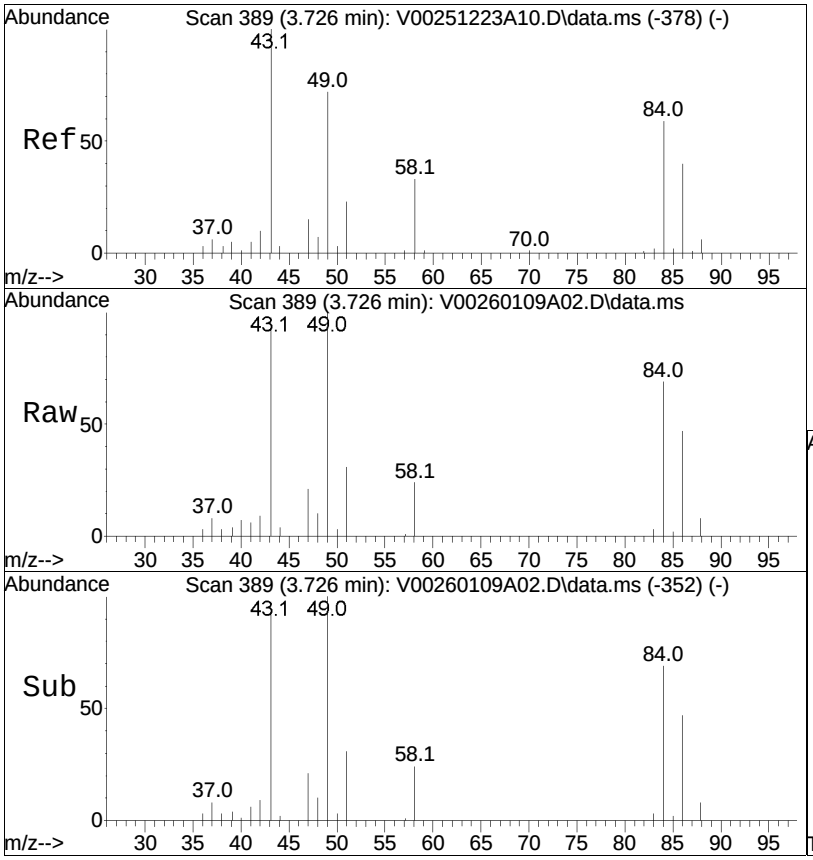


#15
Methylene chloride
Concen: 40.89 ug/L
RT: 3.700 min Scan# 384
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 84 Resp: 94757

Ion	Ratio	Lower	Upper
84	100		
86	66.1	39.6	82.2
49	150.7	72.7	150.9

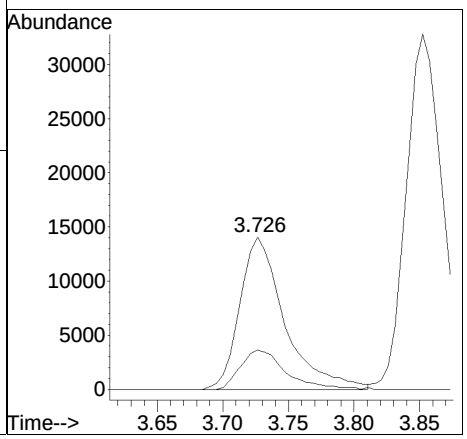


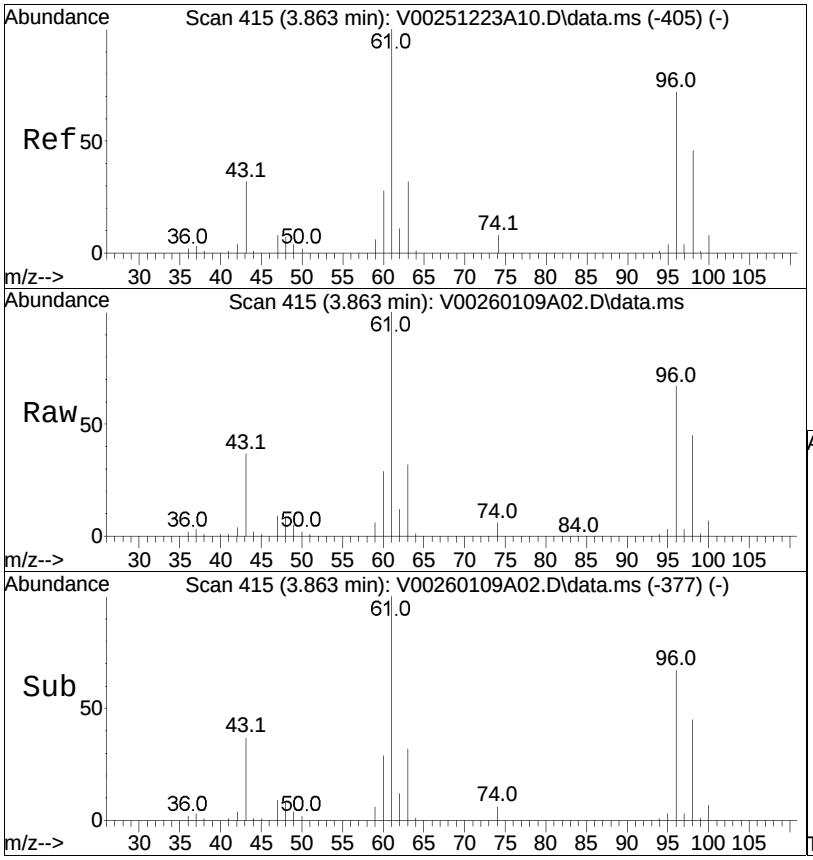


#17
Acetone
Concen: 32.17 ug/L
RT: 3.726 min Scan# 389
Delta R.T. -0.006 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 43 Resp: 33544

Ion	Ratio	Lower	Upper
43	100		
58	26.3	27.2	40.8#

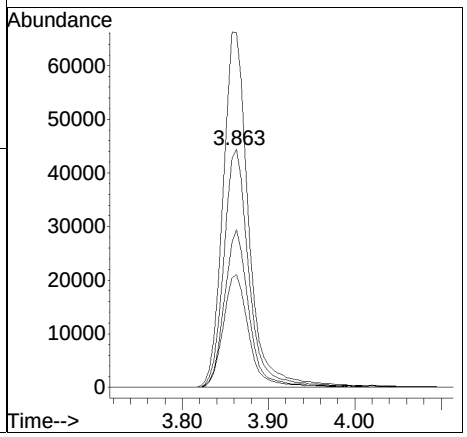


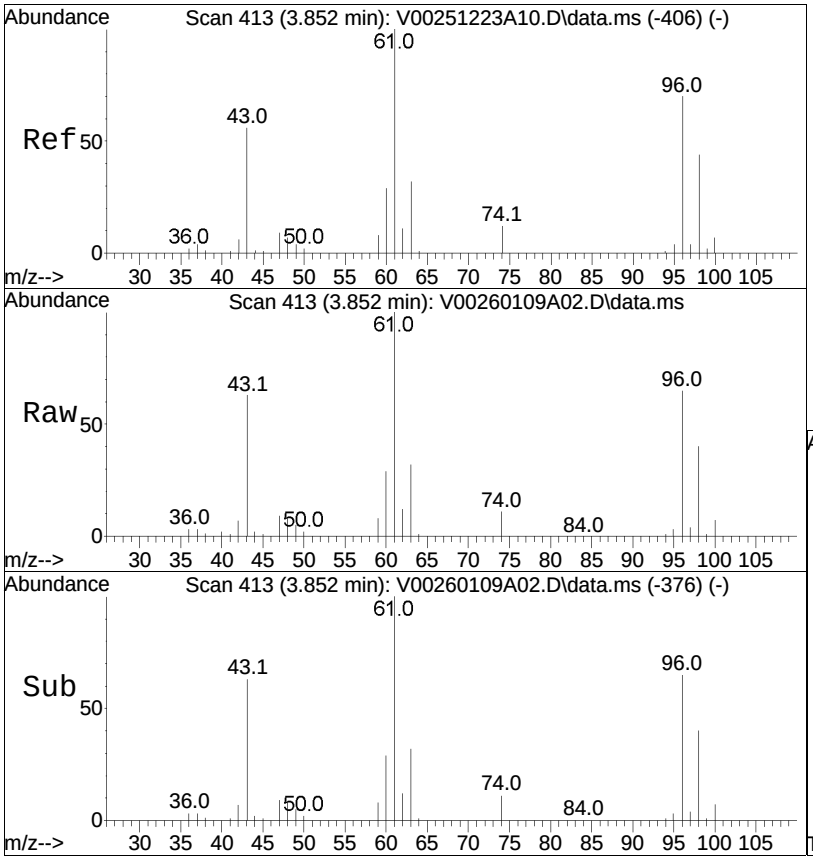


#18
trans-1,2-Dichloroethene
Concen: 42.53 ug/L
RT: 3.863 min Scan# 415
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 96 Resp: 91340

Ion	Ratio	Lower	Upper
96	100		
61	150.9	96.5	200.5
98	64.0	40.6	84.2
63	48.1	30.2	62.8

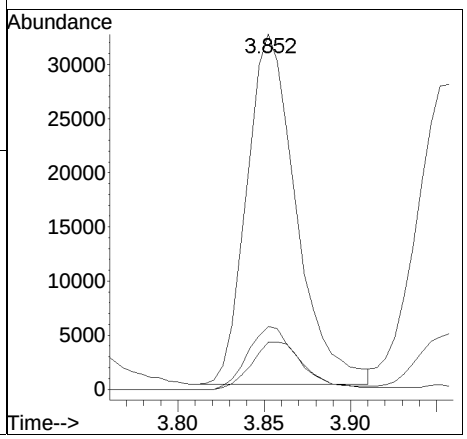


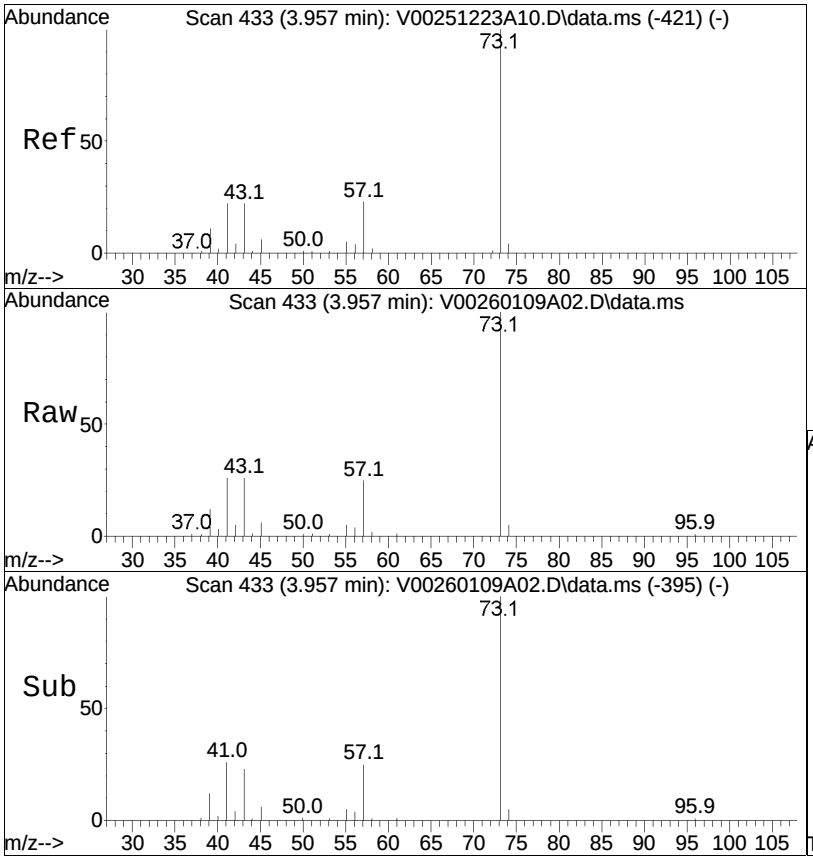


#19
Methyl acetate
Concen: 46.25 ug/L
RT: 3.852 min Scan# 413
Delta R.T. -0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 43 Resp: 64405

Ion	Ratio	Lower	Upper
43	100		
74	18.1	22.7	34.1#
59	14.8	22.9	34.3#

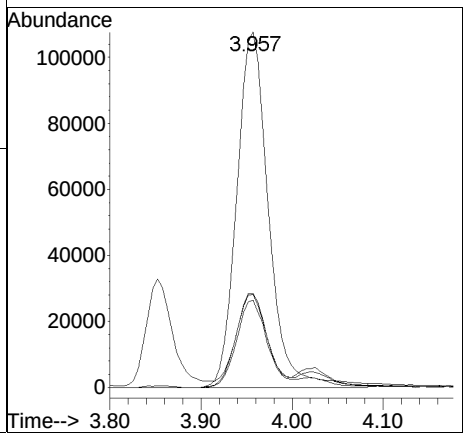


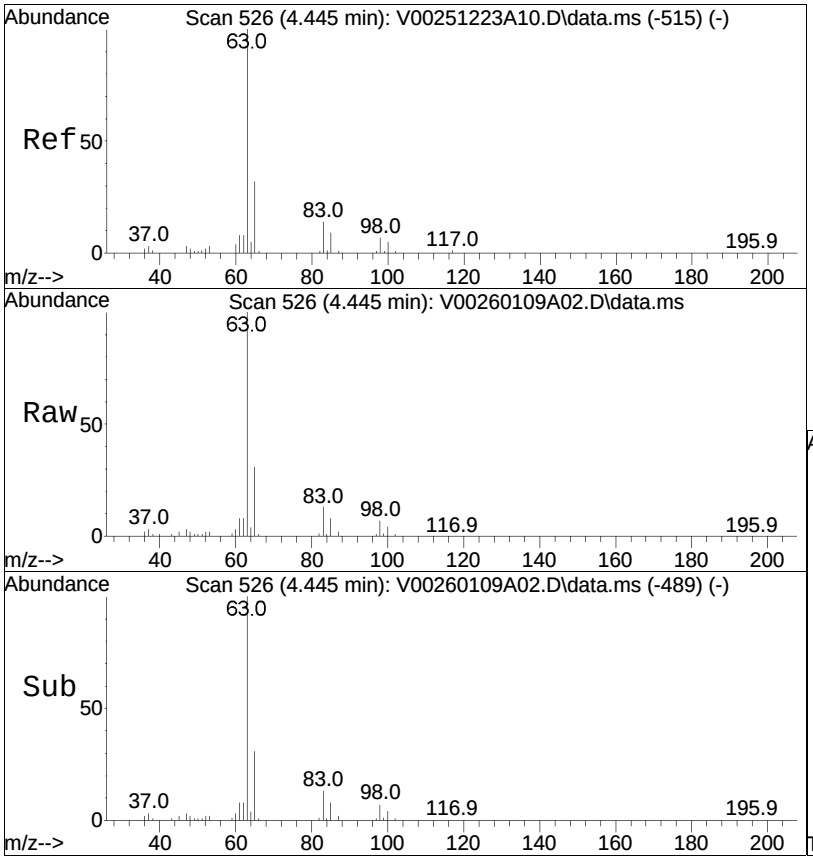


#20
Methyl tert-butyl ether
Concen: 43.84 ug/L
RT: 3.957 min Scan# 433
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 73 Resp: 262956

Ion	Ratio	Lower	Upper
73	100		
57	23.7	14.7	30.5
43	25.2	12.5	26.1
41	26.1	11.6	24.0#

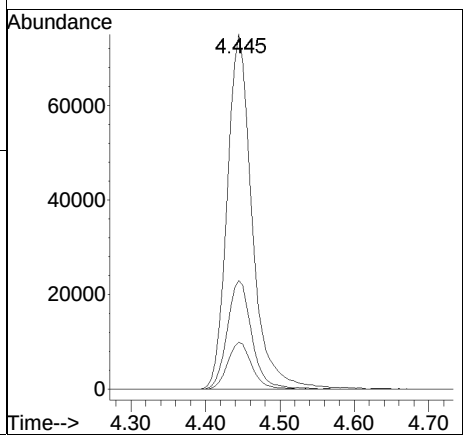


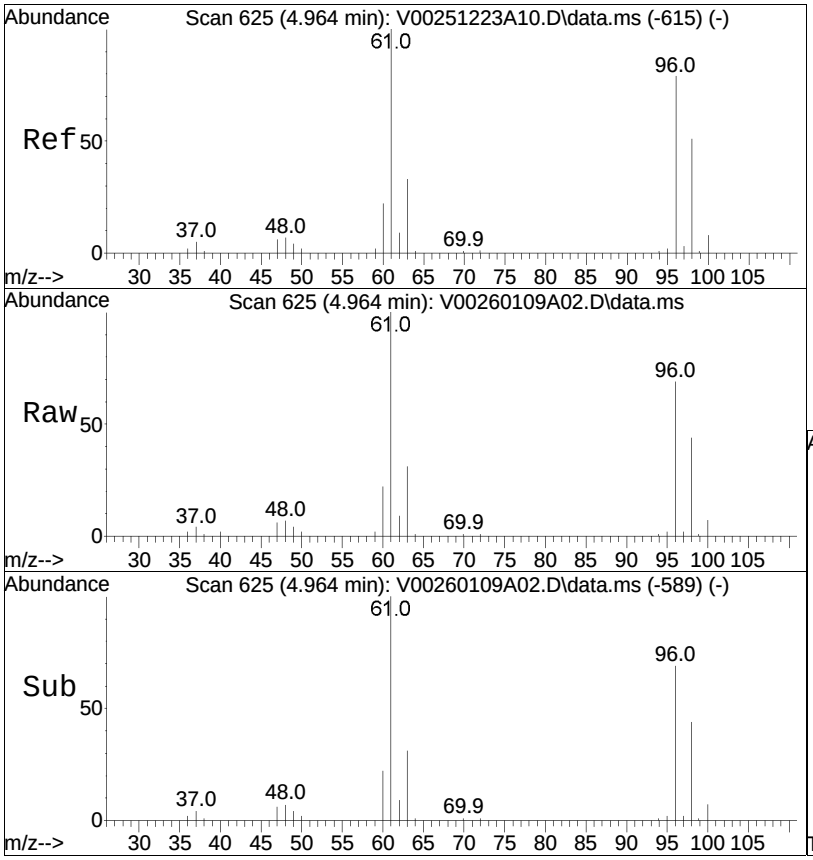


#23
1,1-Dichloroethane
Concen: 45.69 ug/L
RT: 4.445 min Scan# 526
Delta R.T. -0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 63 Resp: 175788

Ion	Ratio	Lower	Upper
63	100		
65	30.1	10.4	50.4
83	12.9	0.0	32.6

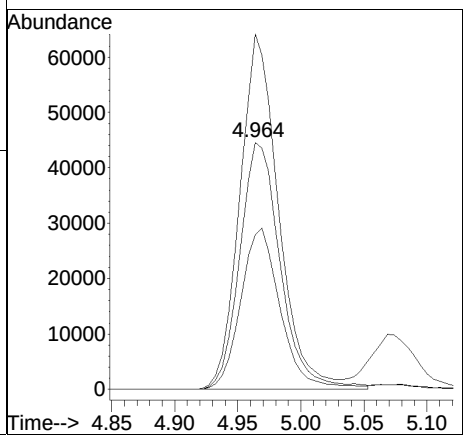


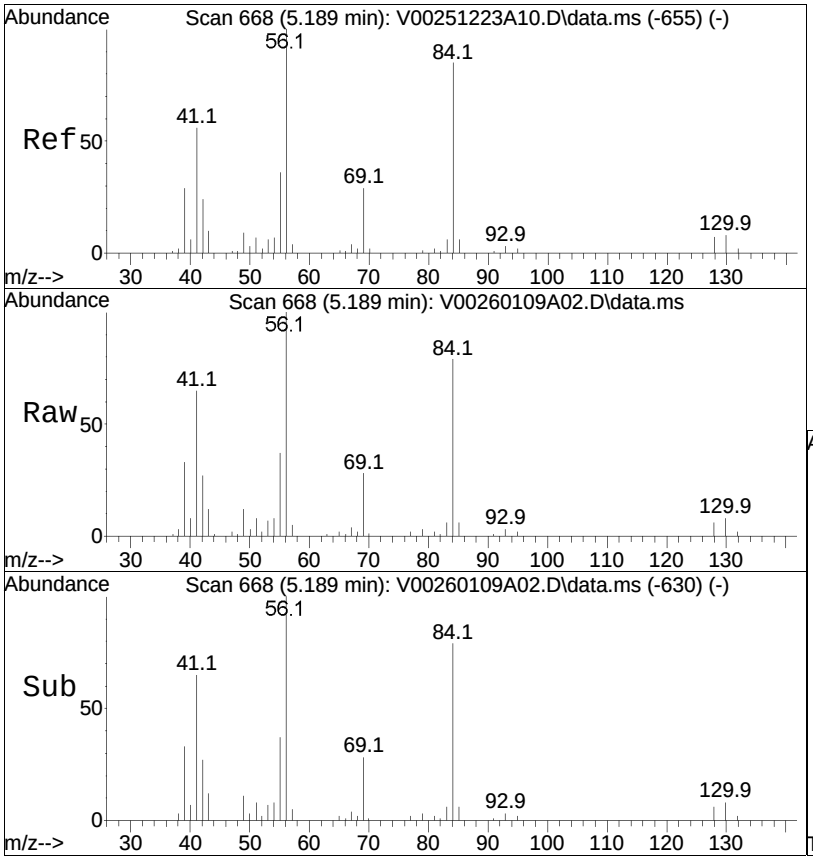


#28
cis-1,2-Dichloroethene
Concen: 41.92 ug/L
RT: 4.964 min Scan# 625
Delta R.T. -0.010 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 96 Resp: 99772

Ion	Ratio	Lower	Upper
96	100		
61	137.1	107.8	161.8
98	63.9	51.4	77.0

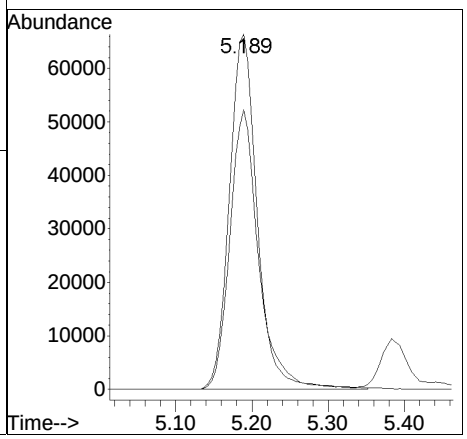


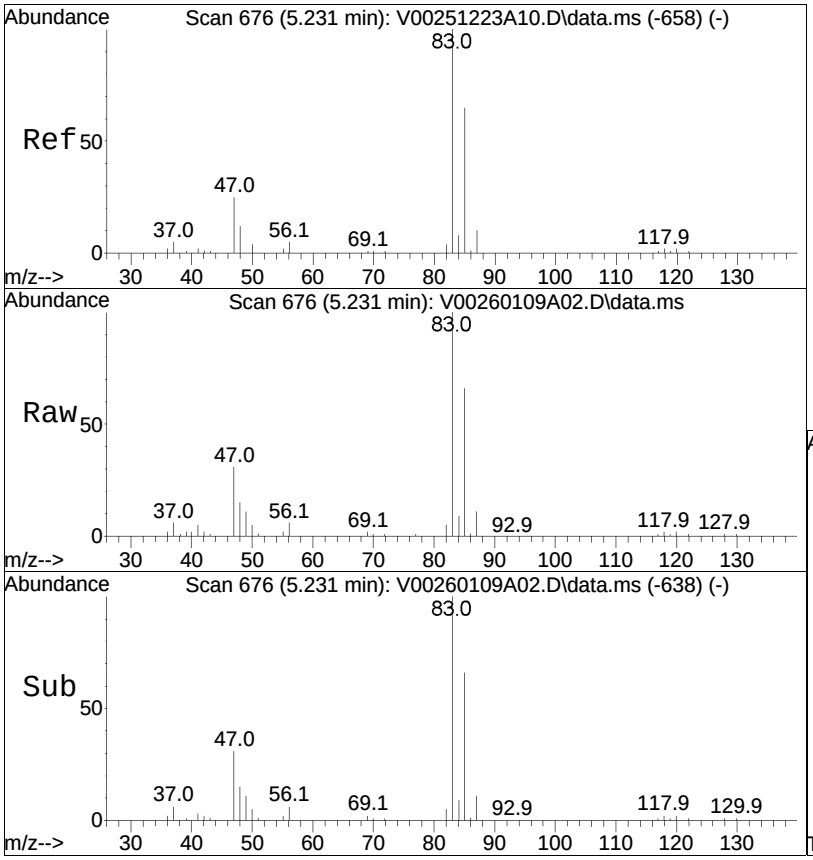


#32
Cyclohexane
Concen: 49.21 ug/L
RT: 5.189 min Scan# 668
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 56 Resp: 168981

Ion	Ratio	Lower	Upper
56	100		
84	81.5	60.3	125.1

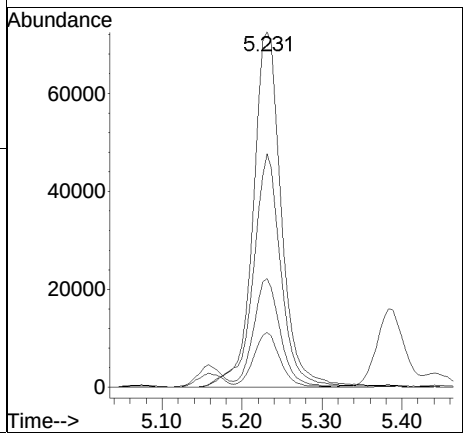


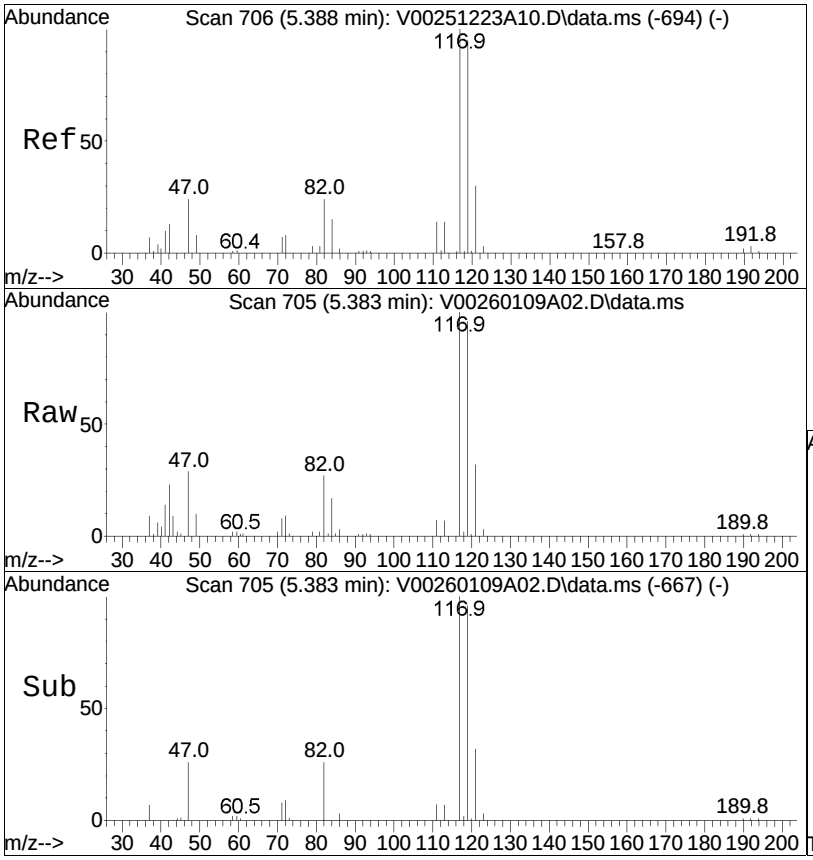


#33
Chloroform
Concen: 43.64 ug/L
RT: 5.231 min Scan# 676
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 83 Resp: 179112

Ion	Ratio	Lower	Upper
83	100		
85	65.2	43.3	89.9
47	27.9	14.4	29.8
48	14.6	7.5	15.7

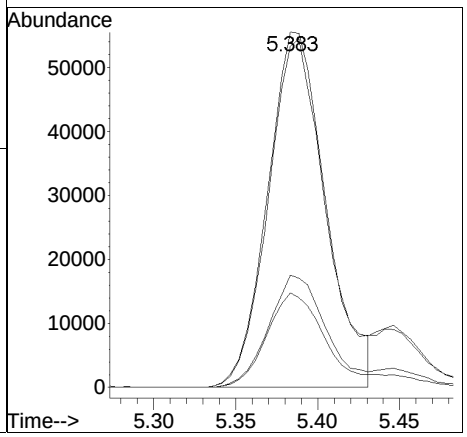


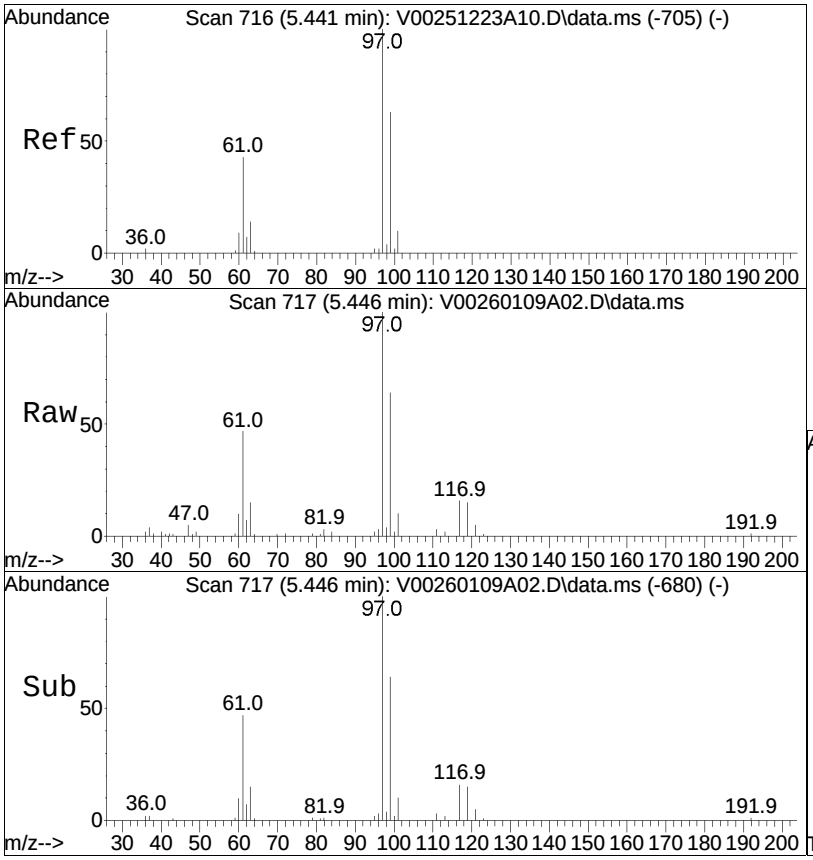


#35
Carbon tetrachloride
Concen: 42.71 ug/L
RT: 5.383 min Scan# 705
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:117 Resp: 137559

Ion	Ratio	Lower	Upper
117	100		
119	98.1	62.7	130.3
121	31.1	20.5	42.7
82	29.5	17.4	36.2

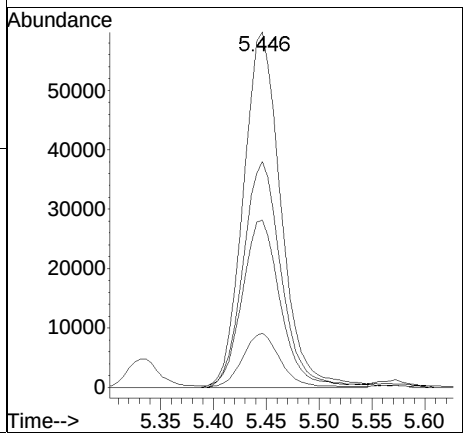


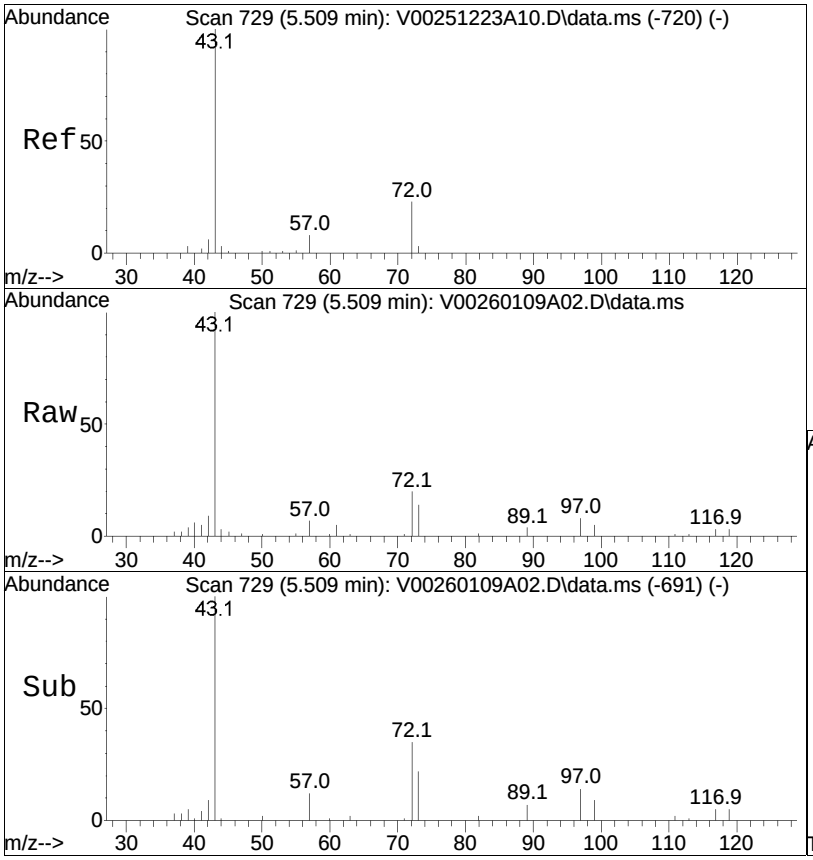


#38
1,1,1-Trichloroethane
Concen: 44.86 ug/L
RT: 5.446 min Scan# 717
Delta R.T. -0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 97 Resp: 148662

Ion	Ratio	Lower	Upper
97	100		
99	64.8	41.5	86.3
61	48.1	30.6	63.6
63	15.2	9.9	20.5

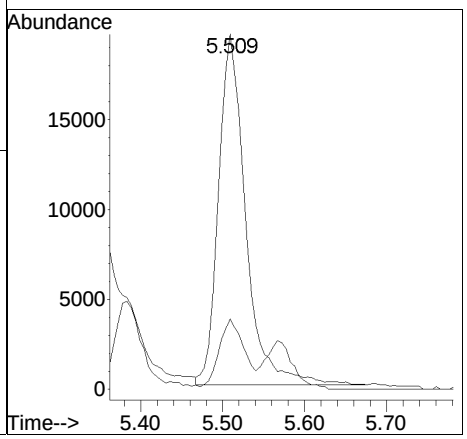


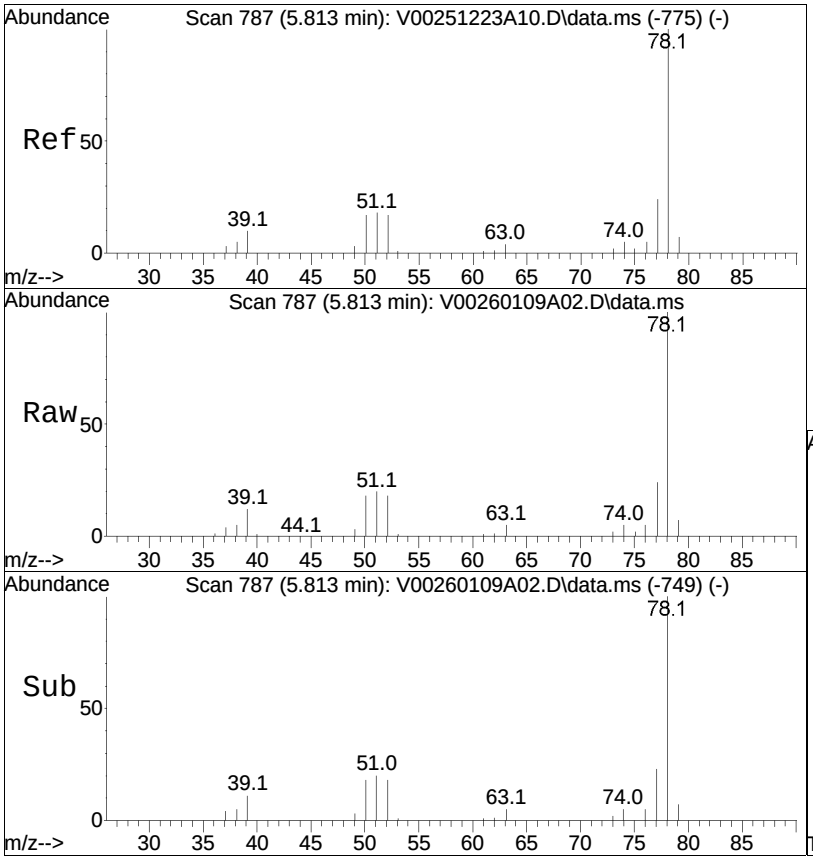


#40
2-Butanone
Concen: 49.98 ug/L
RT: 5.509 min Scan# 729
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 43 Resp: 44824

Ion	Ratio	Lower	Upper
43	100		
72	18.8	19.4	29.0#

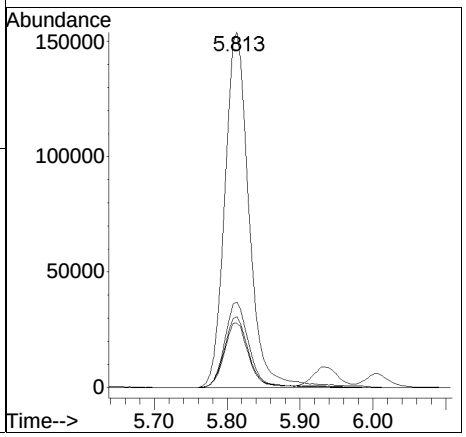


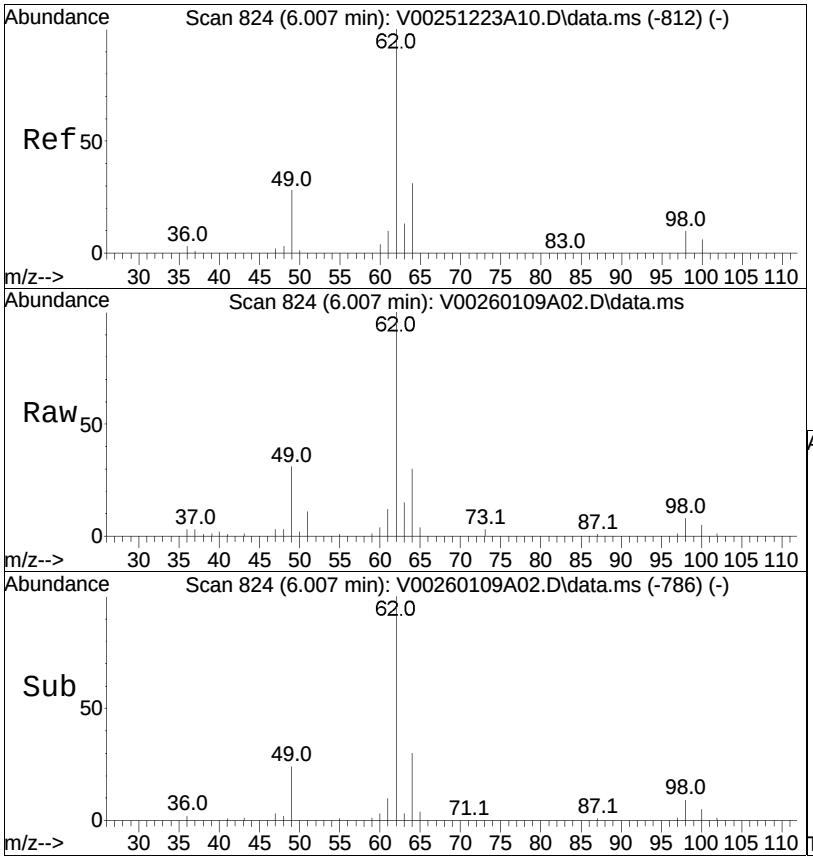


#42
Benzene
Concen: 45.02 ug/L
RT: 5.813 min Scan# 787
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 78 Resp: 357150

Ion	Ratio	Lower	Upper
78	100		
77	23.7	15.6	32.4
51	19.5	10.2	21.2
52	18.0	9.6	19.8

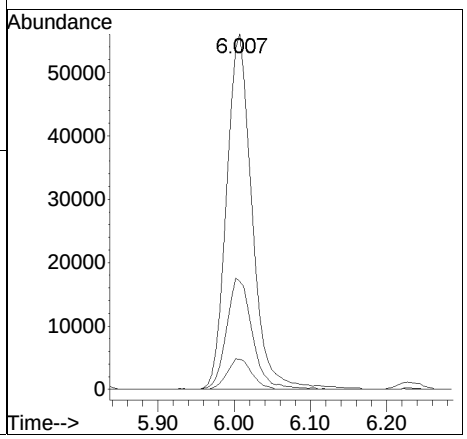


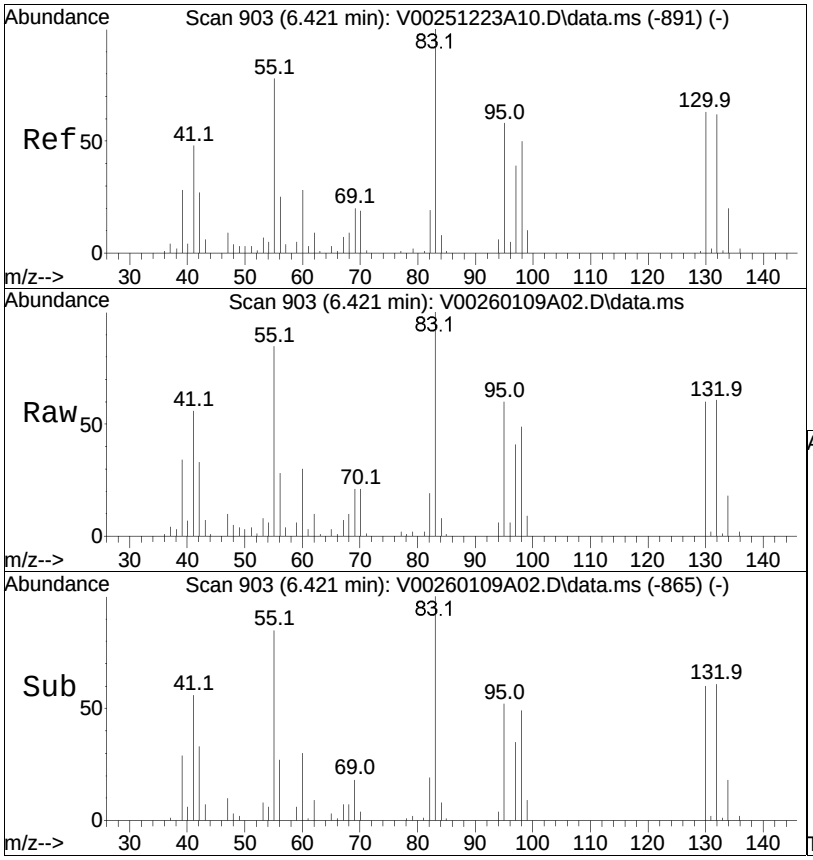


#45
1,2-Dichloroethane
Concen: 46.08 ug/L
RT: 6.007 min Scan# 824
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 62 Resp: 130666

Ion	Ratio	Lower	Upper
62	100		
64	31.7	12.6	52.6
98	8.4	0.0	28.7

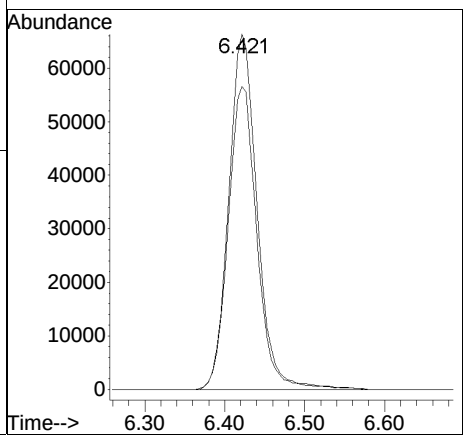


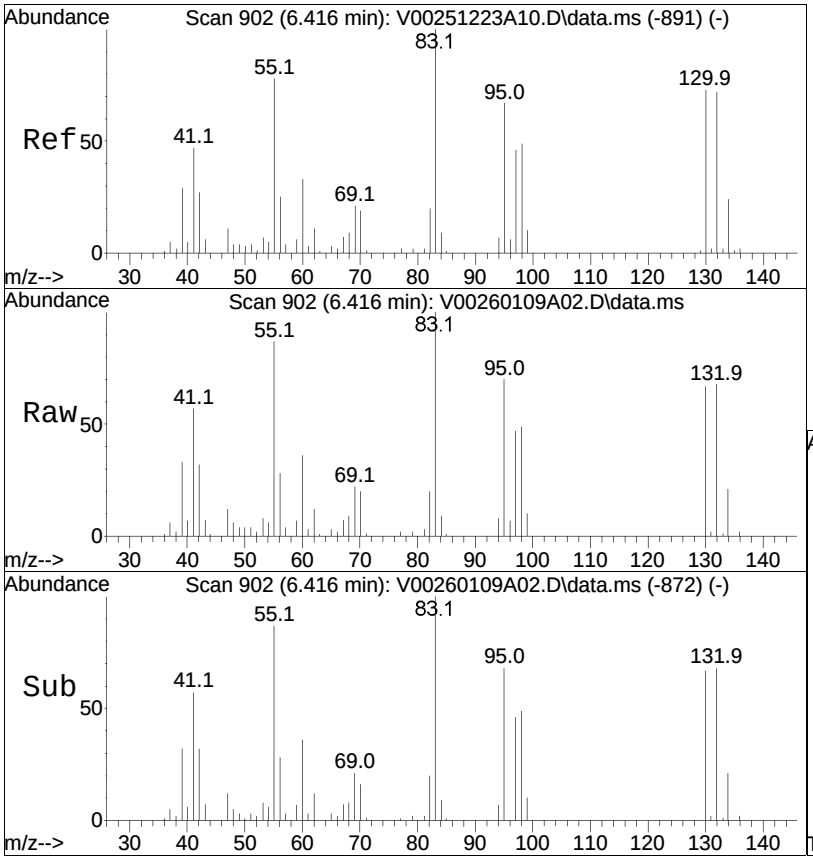


#48
Methyl cyclohexane
Concen: 45.59 ug/L
RT: 6.421 min Scan# 903
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 83 Resp: 163846

Ion	Ratio	Lower	Upper
83	100		
55	86.3	60.0	90.0

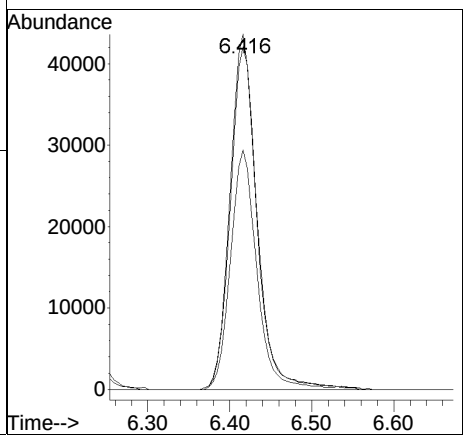


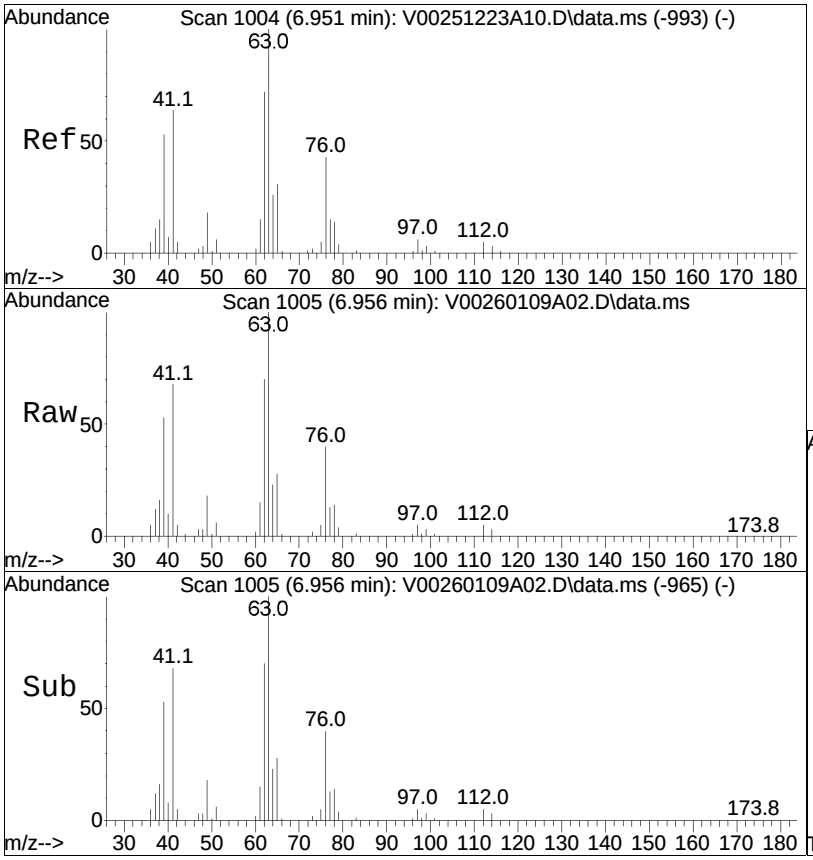


#49
Trichloroethene
Concen: 45.11 ug/L
RT: 6.416 min Scan# 902
Delta R.T. 0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 95 Resp: 98797

Ion	Ratio	Lower	Upper
95	100		
97	66.5	54.2	81.4
130	98.2	77.0	115.6

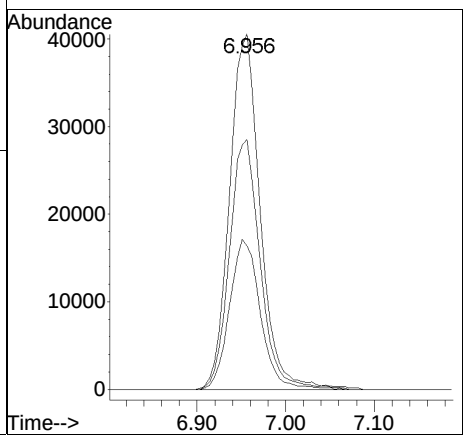


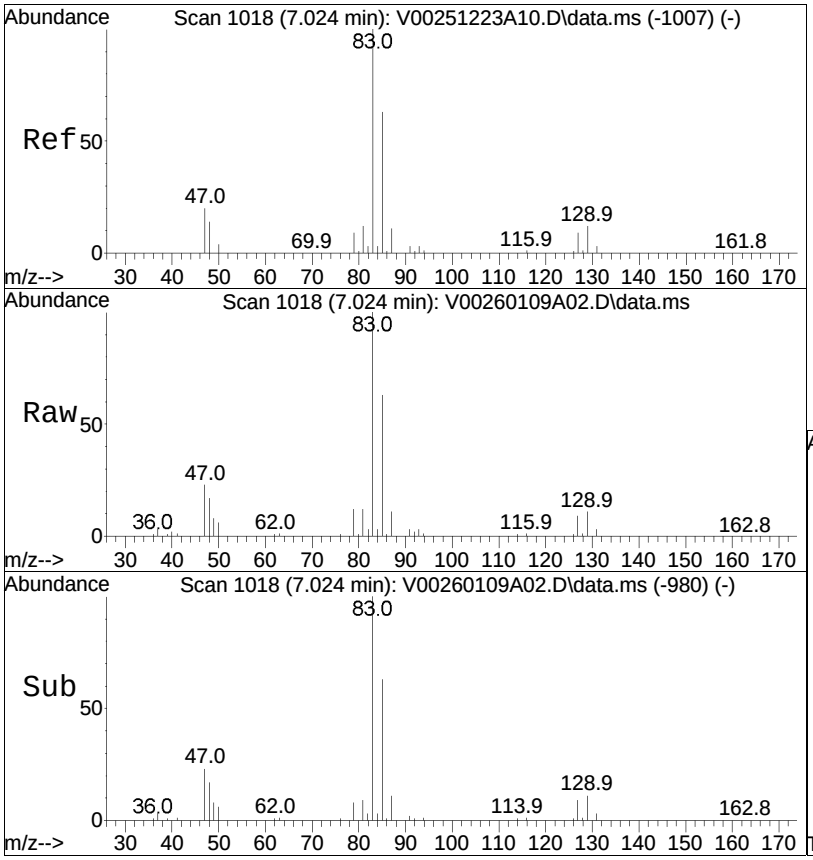


#52
1,2-Dichloropropane
Concen: 45.93 ug/L
RT: 6.956 min Scan# 1005
Delta R.T. 0.011 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 63 Resp: 97675

Ion	Ratio	Lower	Upper
63	100		
62	70.6	57.8	86.8
76	42.5	34.0	51.0

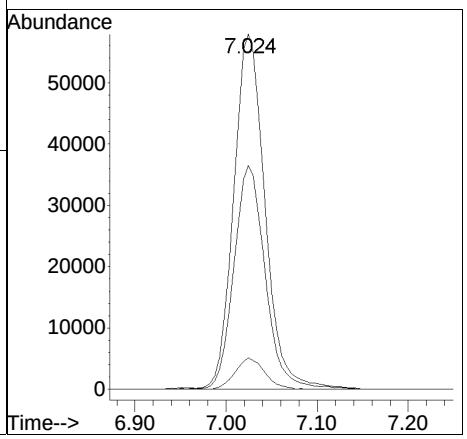


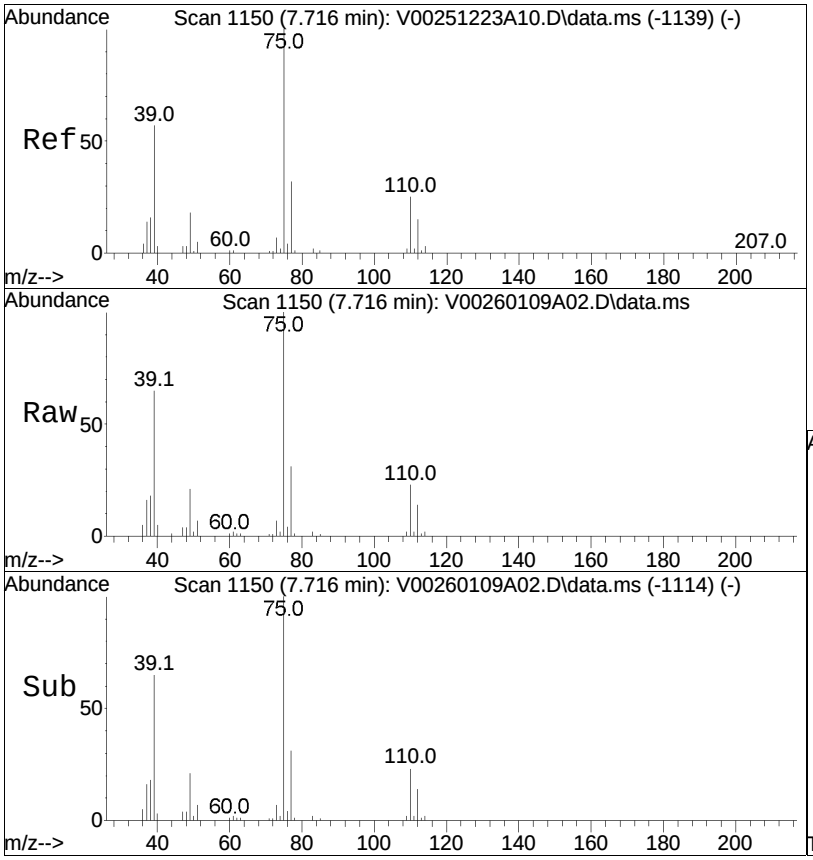


#55
Bromodichloromethane
Concen: 44.78 ug/L
RT: 7.024 min Scan# 1018
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 83 Resp: 138955

Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.9	76.3
127	8.4	6.6	9.8

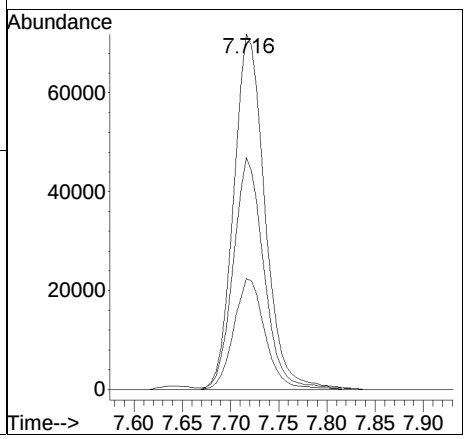


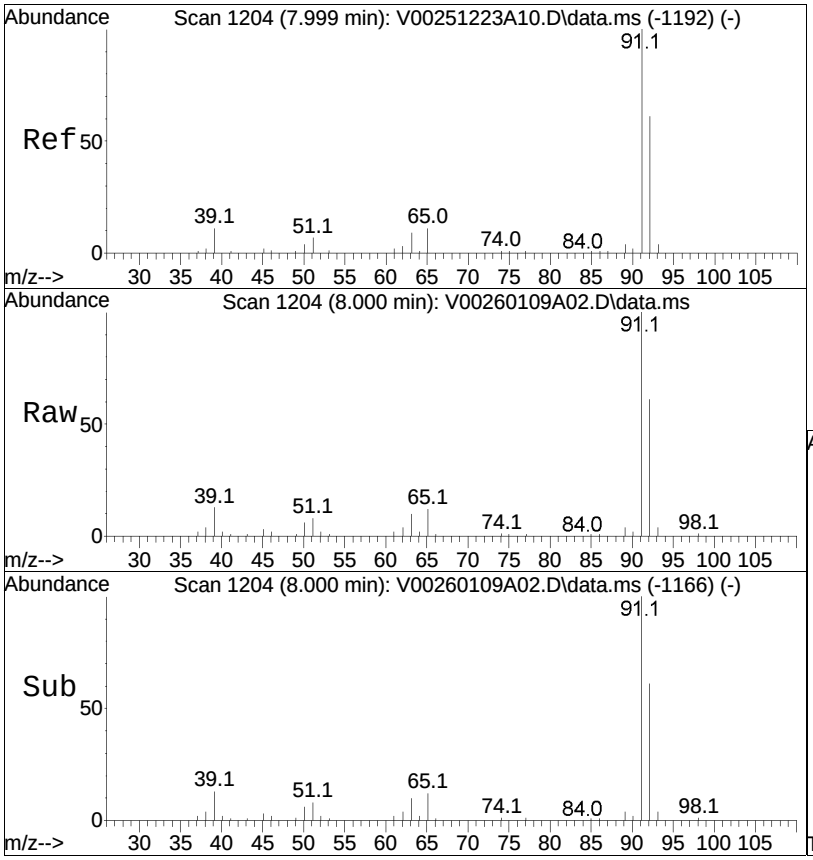


#59
cis-1,3-Dichloropropene
Concen: 45.59 ug/L
RT: 7.716 min Scan# 1150
Delta R.T. -0.010 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 75 Resp: 162189

Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.7	38.5
39	64.3	32.3	48.5#

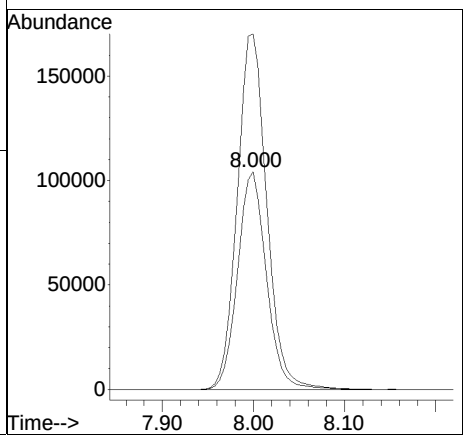


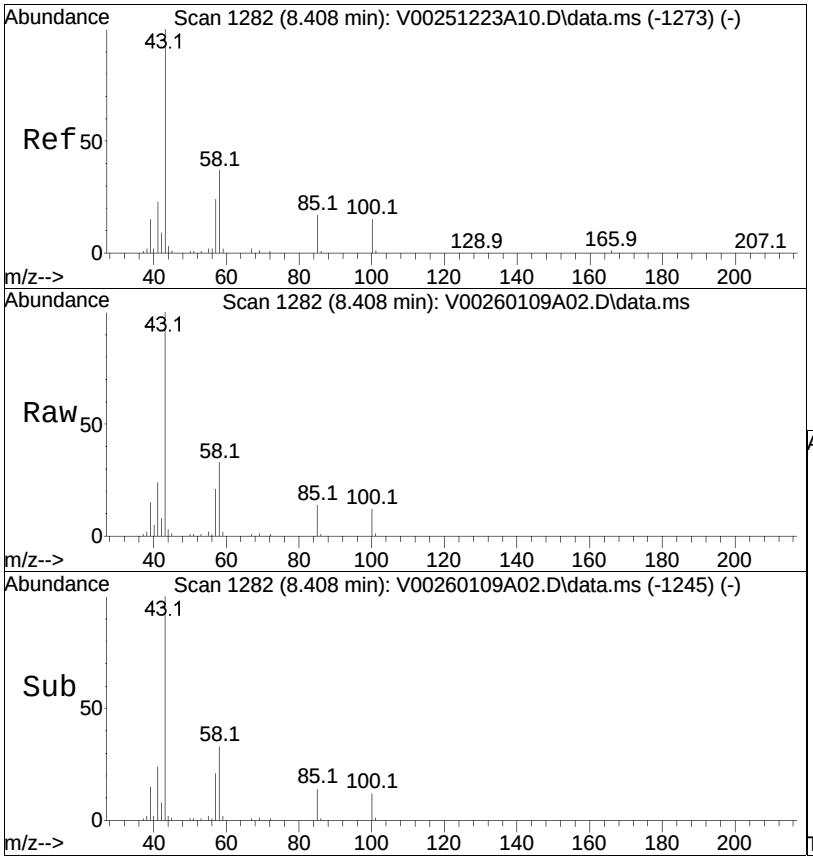


#62
Toluene
Concen: 42.38 ug/L
RT: 8.000 min Scan# 1204
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 92 Resp: 229001

Ion	Ratio	Lower	Upper
92	100		
91	166.9	138.2	207.2

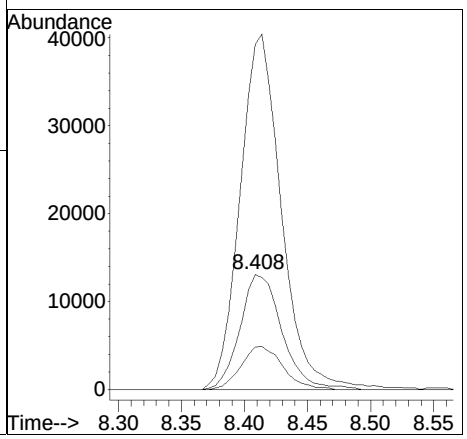


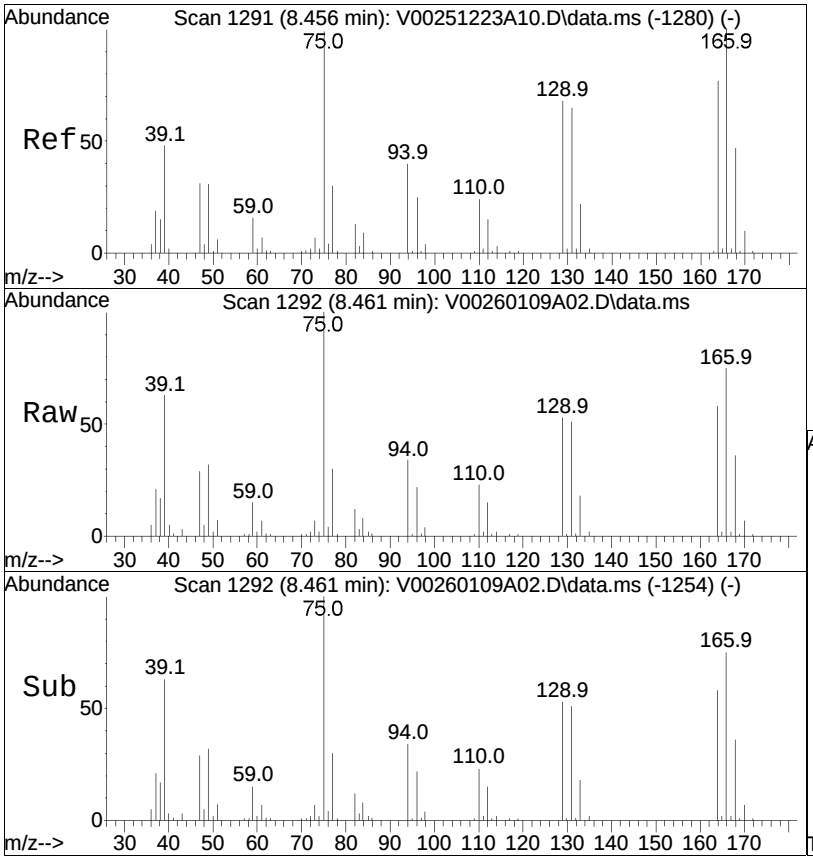


#63
4-Methyl-2-pentanone
Concen: 44.10 ug/L
RT: 8.408 min Scan# 1282
Delta R.T. -0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 58 Resp: 30257

Ion	Ratio	Lower	Upper
58	100		
100	37.2	31.2	46.8
43	305.2	156.5	234.7#

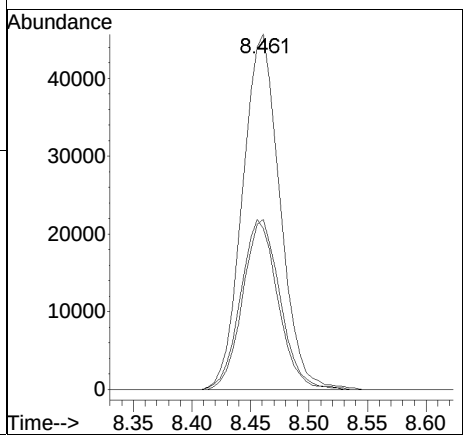


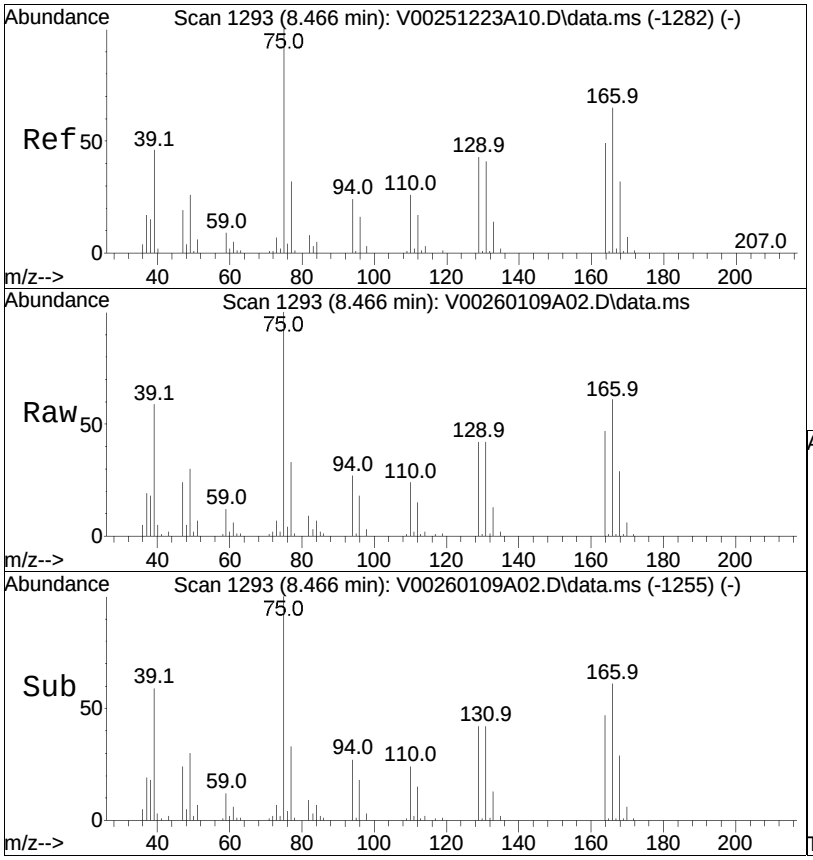


#64
Tetrachloroethene
Concen: 38.92 ug/L
RT: 8.461 min Scan# 1292
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:166 Resp: 101471

Ion	Ratio	Lower	Upper
166	100		
168	47.7	29.2	69.2
94	47.6	29.0	69.0

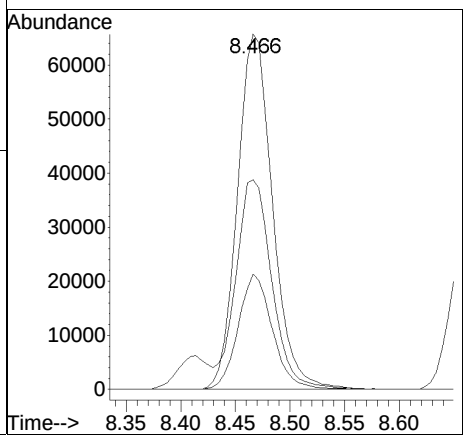


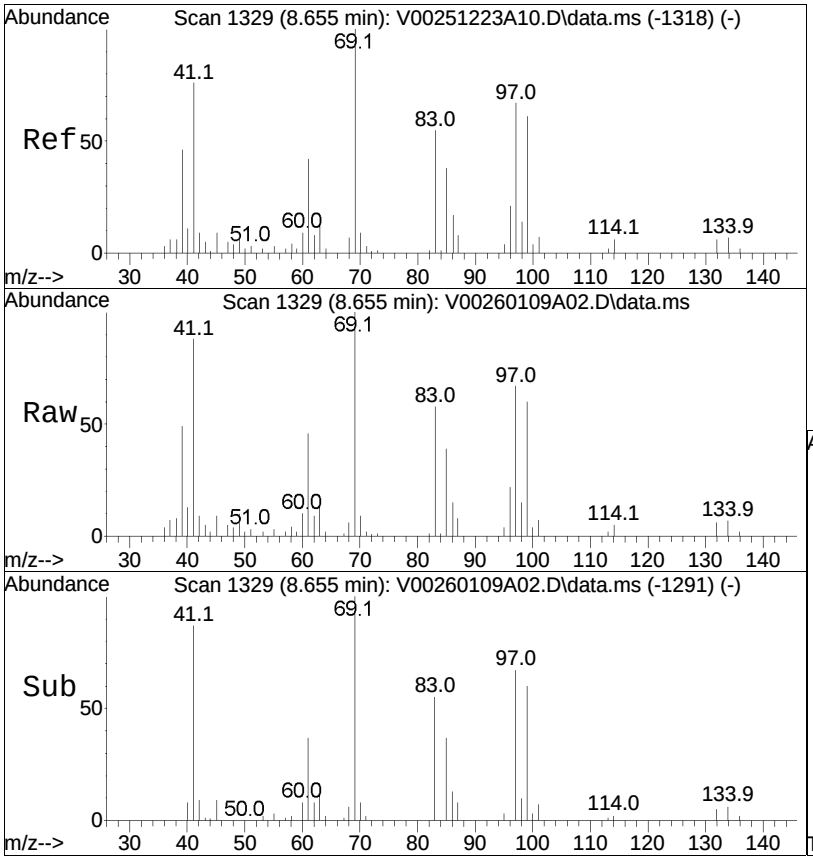


#66
trans-1,3-Dichloropropene
Concen: 44.63 ug/L
RT: 8.466 min Scan# 1293
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 75 Resp: 147232

Ion	Ratio	Lower	Upper
75	100		
77	31.6	11.8	51.8
39	60.6	23.7	63.7

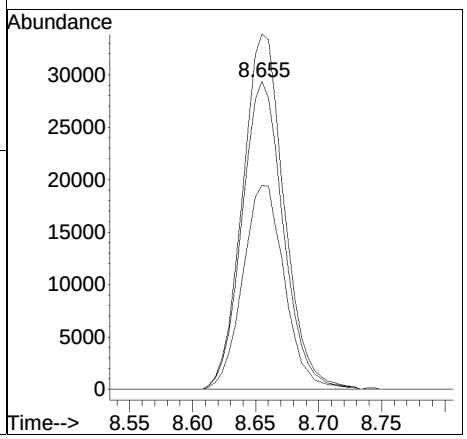


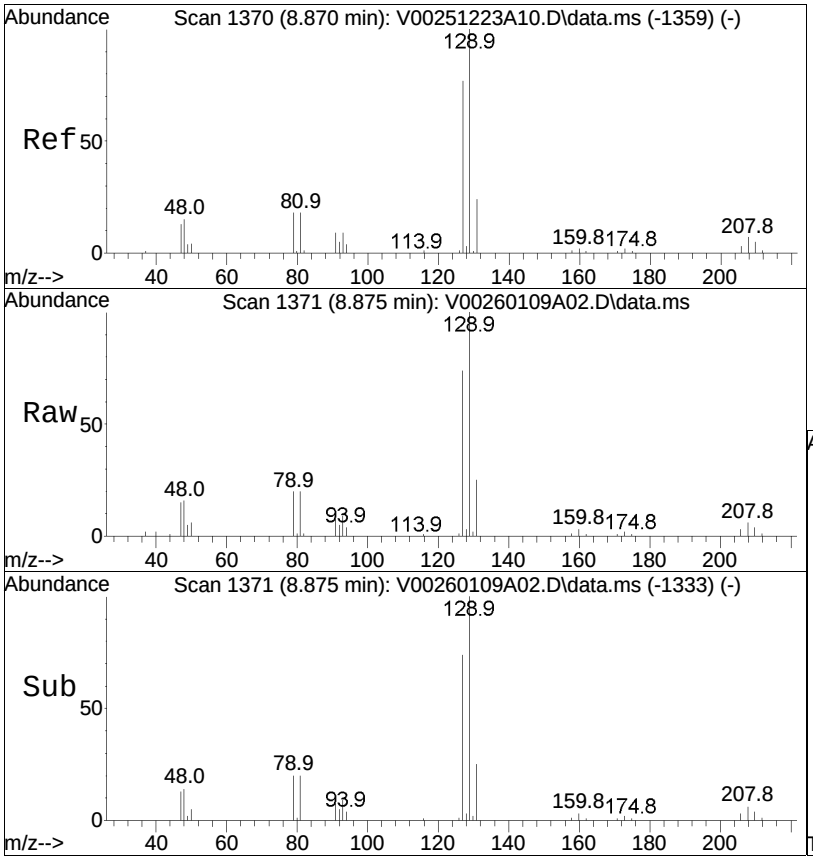


#69
1,1,2-Trichloroethane
Concen: 43.25 ug/L
RT: 8.655 min Scan# 1329
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 83 Resp: 67089

Ion	Ratio	Lower	Upper
83	100		
97	116.4	98.8	138.8
85	67.0	46.5	86.5

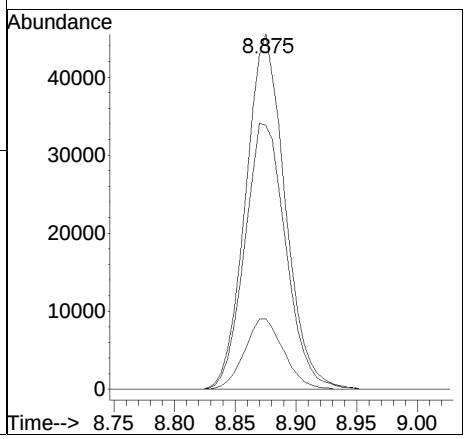


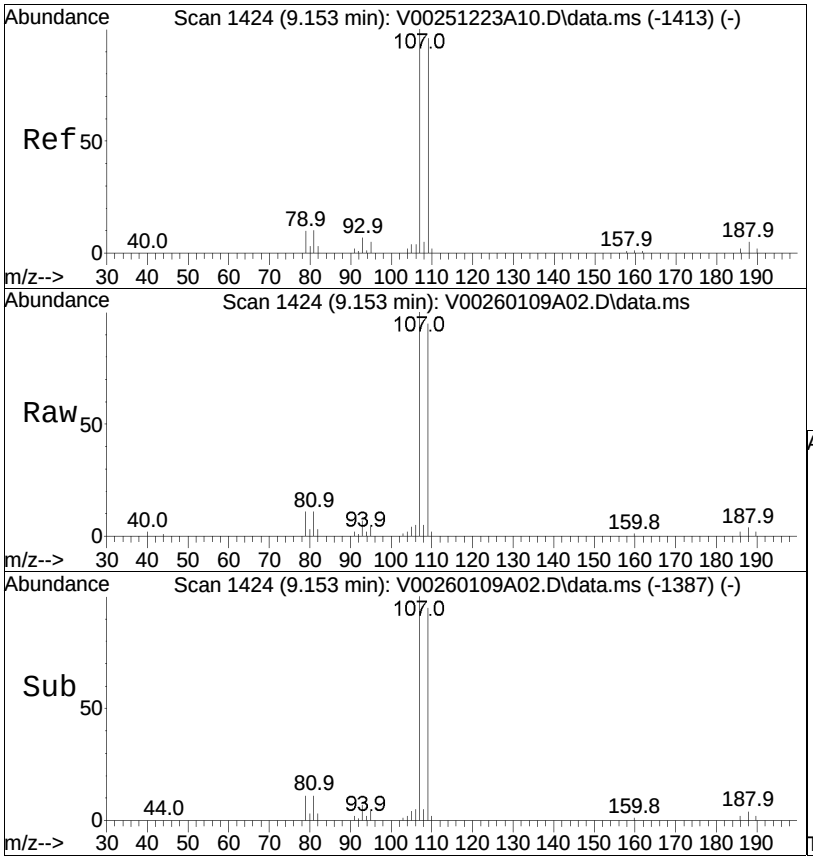


#70
Chlorodibromomethane
Concen: 40.94 ug/L
RT: 8.875 min Scan# 1371
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:129 Resp: 102871

Ion	Ratio	Lower	Upper
129	100		
81	19.8	0.1	40.1
127	78.0	58.4	98.4

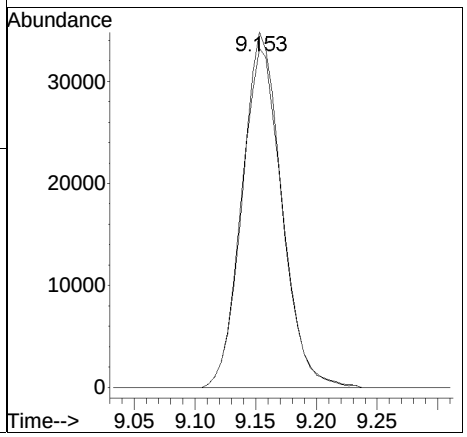


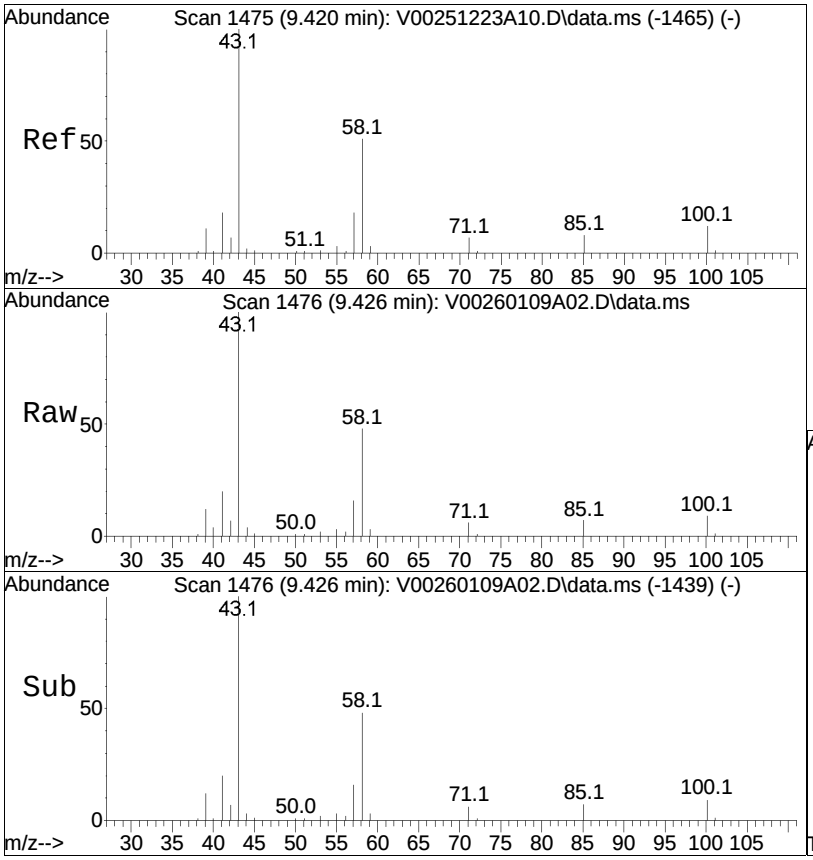


#72
1,2-Dibromoethane
Concen: 41.42 ug/L
RT: 9.153 min Scan# 1424
Delta R.T. -0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:107 Resp: 79466

Ion	Ratio	Lower	Upper
107	100		
109	96.1	75.4	113.0

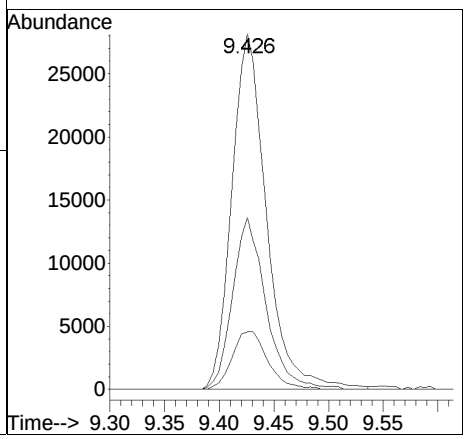


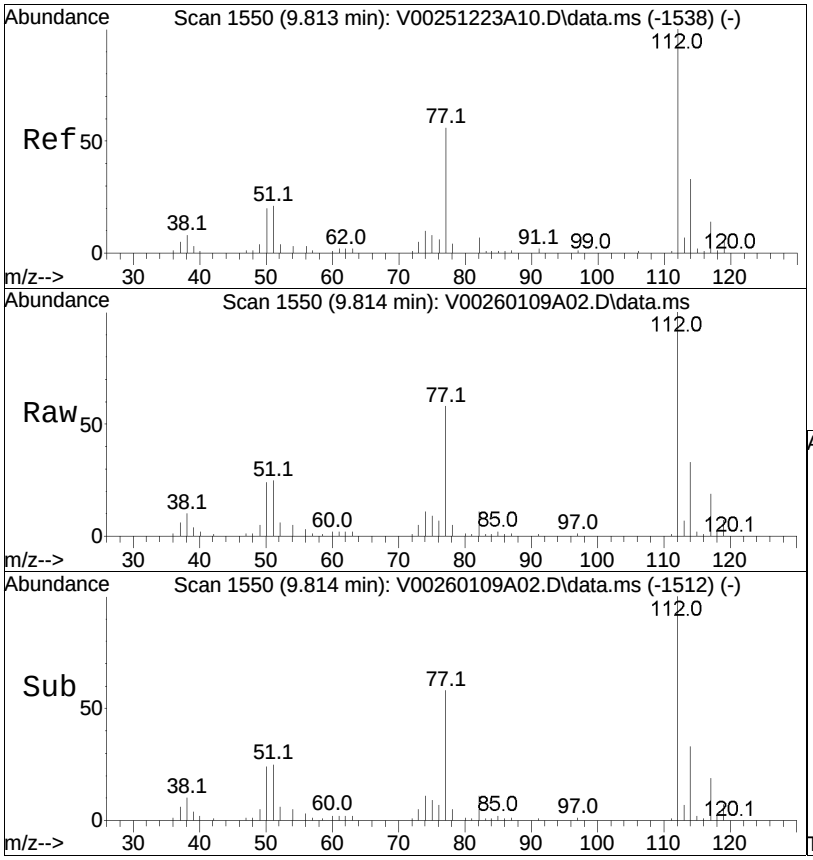


#73
2-Hexanone
Concen: 44.84 ug/L
RT: 9.426 min Scan# 1476
Delta R.T. -0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 43 Resp: 62173

Ion	Ratio	Lower	Upper
43	100		
58	46.5	54.2	81.4#
57	16.8	17.8	26.6#

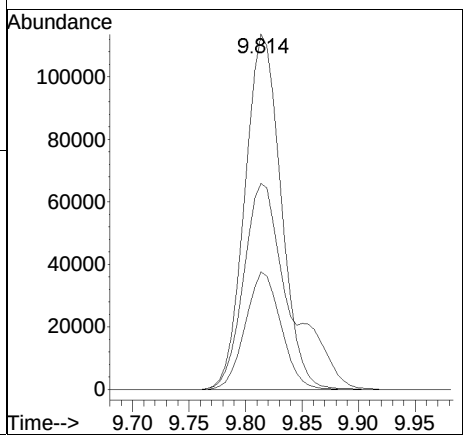


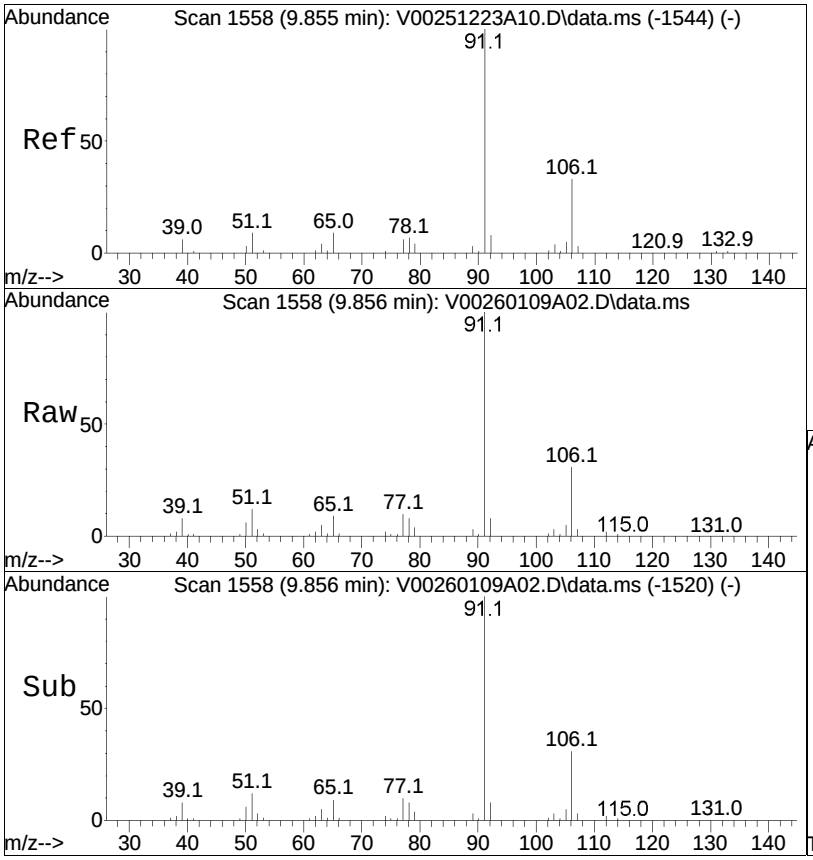


#74
Chlorobenzene
Concen: 40.94 ug/L
RT: 9.814 min Scan# 1550
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:112 Resp: 252765

Ion	Ratio	Lower	Upper
112	100		
77	74.4	57.9	86.9
114	32.6	25.7	38.5

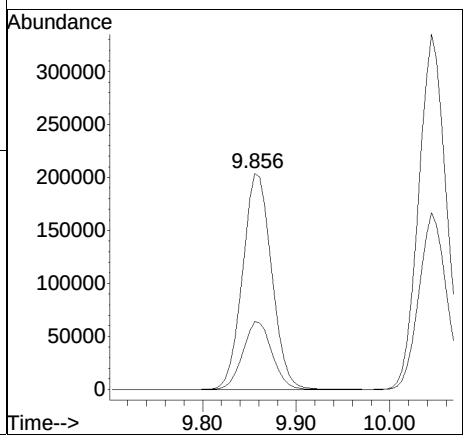


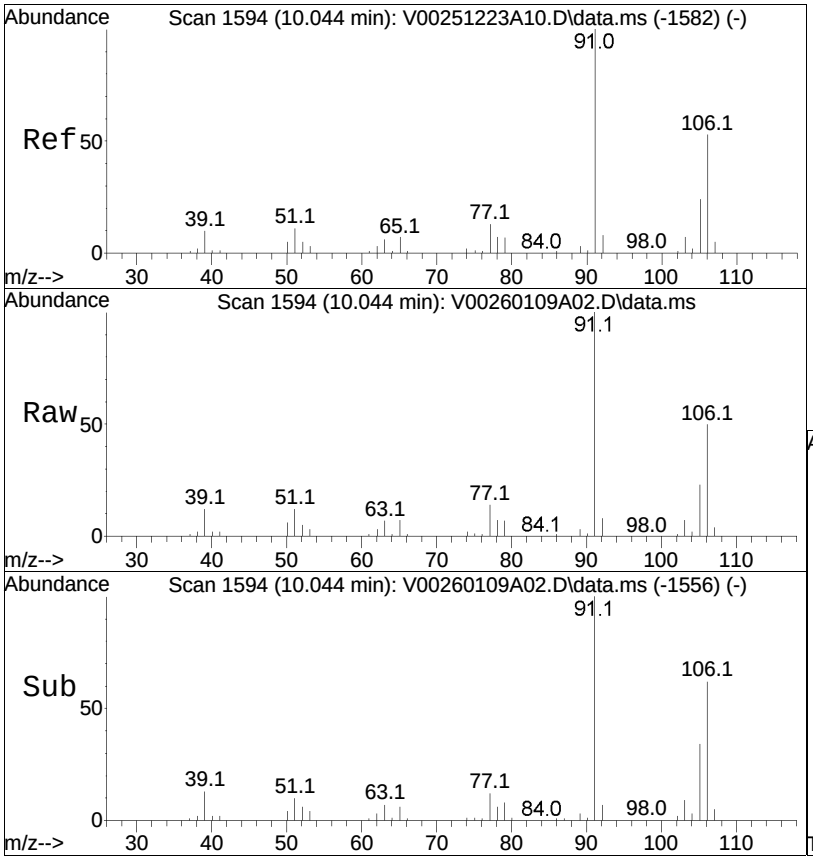


#75
Ethylbenzene
Concen: 42.92 ug/L
RT: 9.856 min Scan# 1558
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 91 Resp: 439309

Ion	Ratio	Lower	Upper
91	100		
106	31.3	25.1	37.7

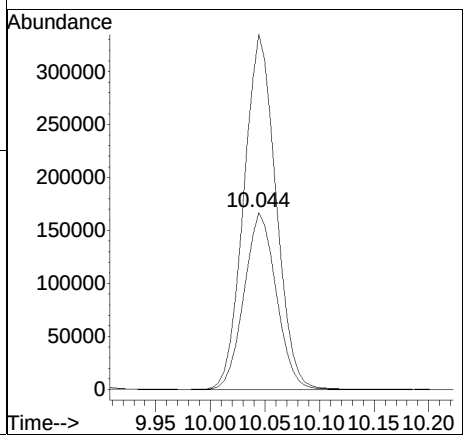


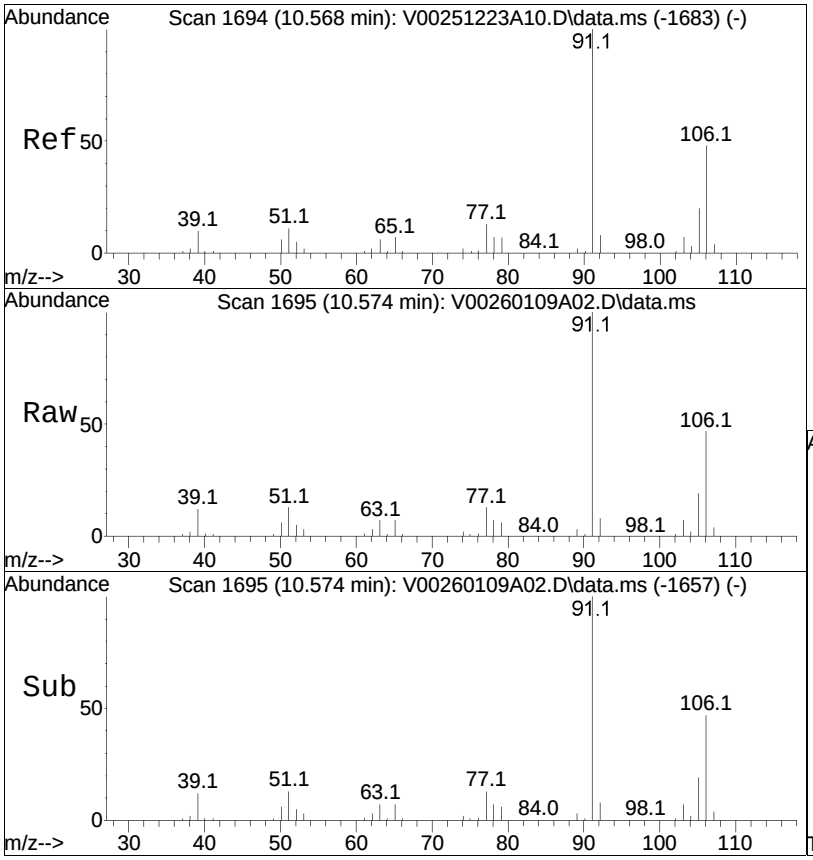


#77
p/m Xylene
Concen: 85.18 ug/L
RT: 10.044 min Scan# 1594
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:106 Resp: 341026

Ion	Ratio	Lower	Upper
106	100		
91	200.9	159.5	239.3

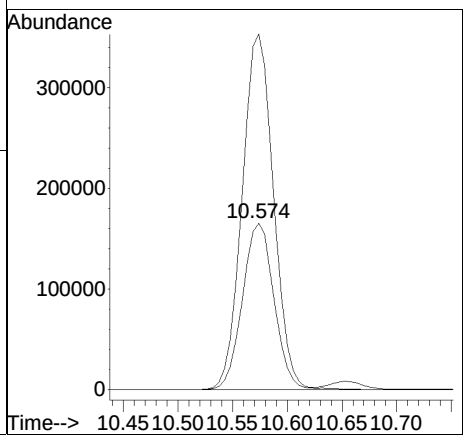


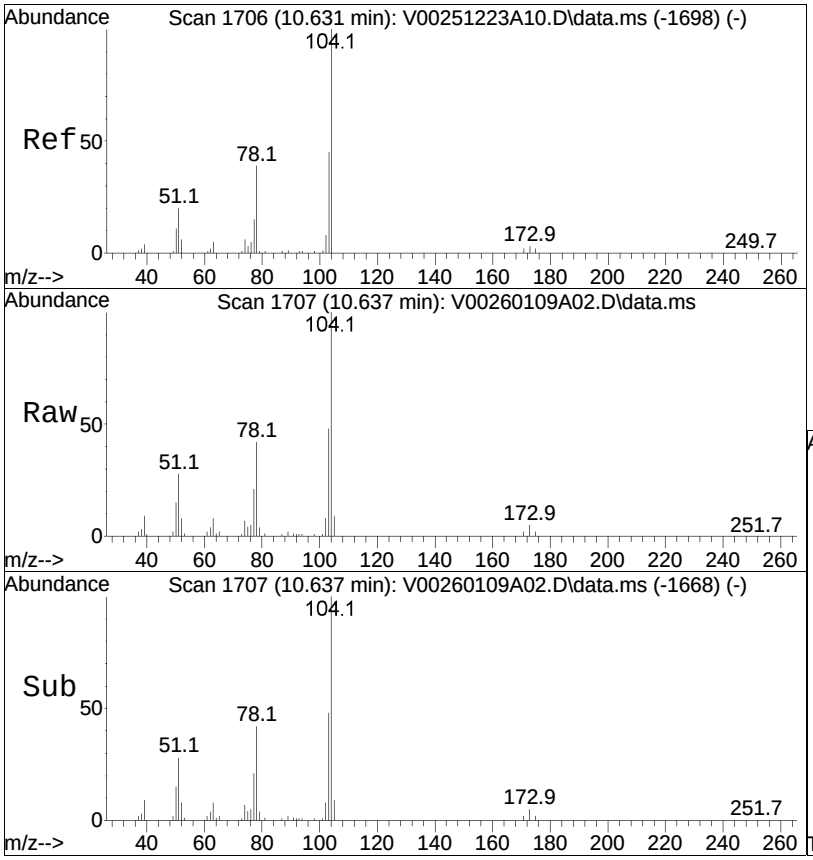


#78
o Xylene
Concen: 83.74 ug/L
RT: 10.574 min Scan# 1695
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:106 Resp: 331373

Ion	Ratio	Lower	Upper
106	100		
91	211.4	168.6	252.8

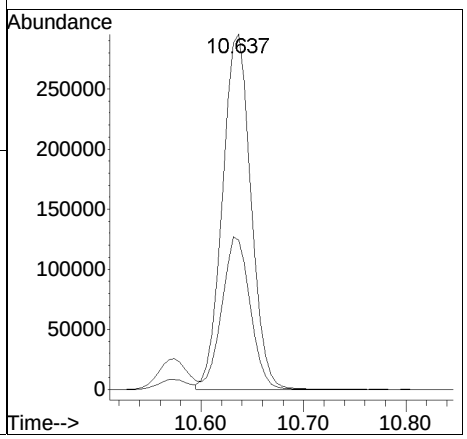


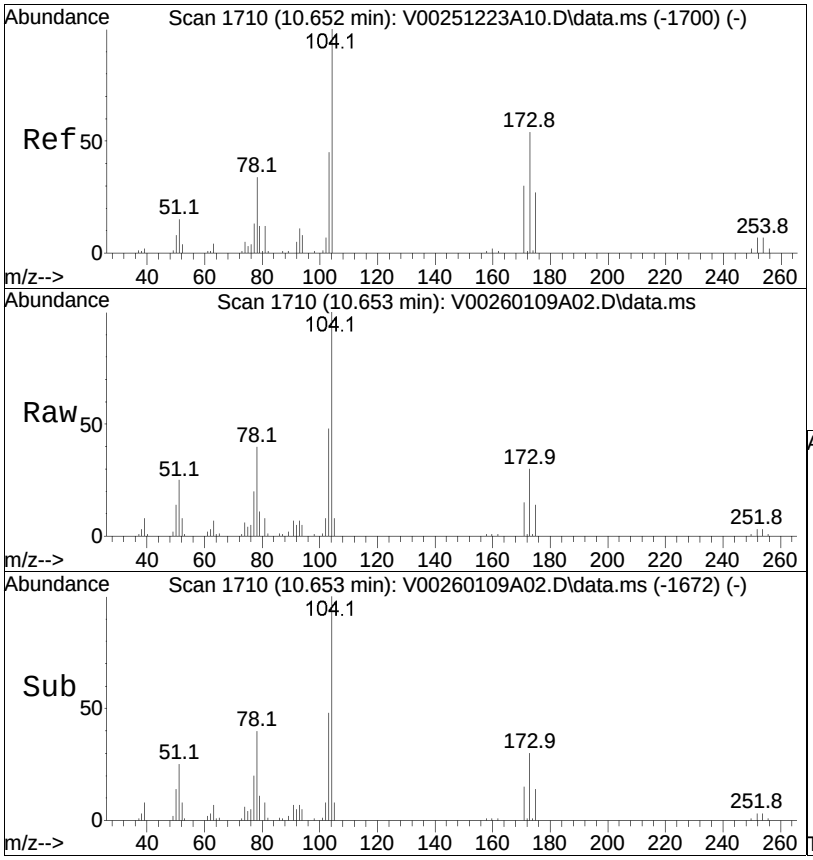


#79
Styrene
Concen: 85.78 ug/L
RT: 10.637 min Scan# 1707
Delta R.T. 0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:104 Resp: 571186

Ion	Ratio	Lower	Upper
104	100		
78	42.3	33.8	50.6

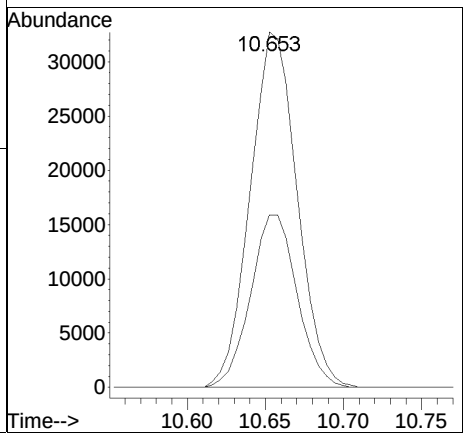


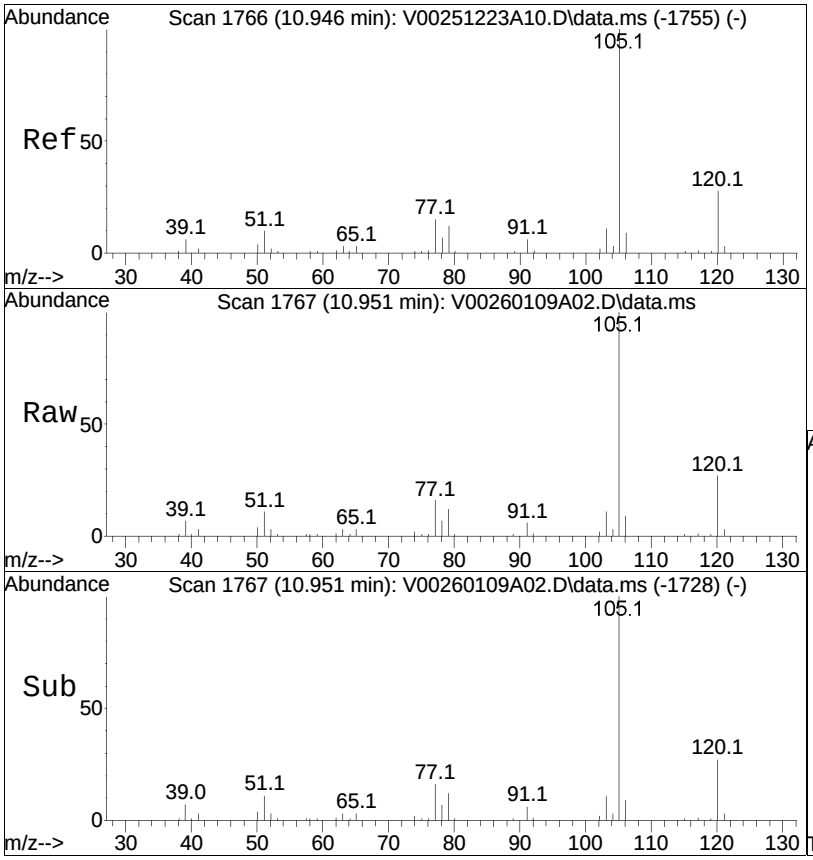


#81
Bromoform
Concen: 37.12 ug/L
RT: 10.653 min Scan# 1710
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:173 Resp: 68325

Ion	Ratio	Lower	Upper
173	100		
175	48.2	27.8	67.8

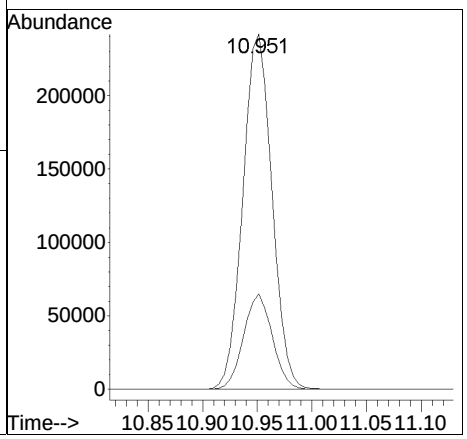


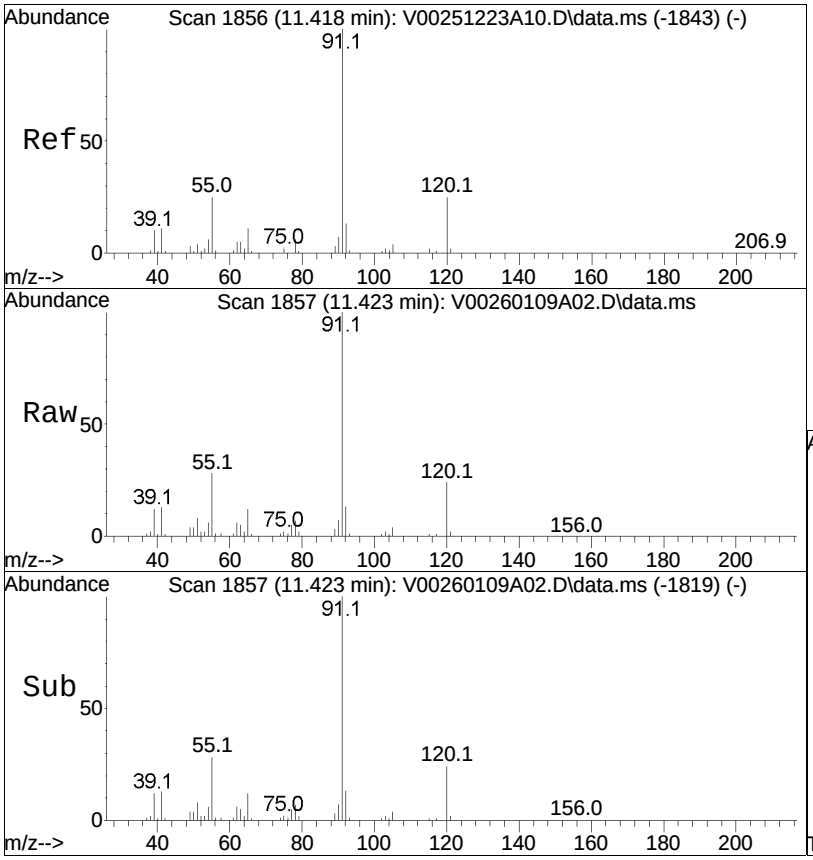


#83
Isopropylbenzene
Concen: 42.07 ug/L
RT: 10.951 min Scan# 1767
Delta R.T. 0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:105 Resp: 449198

Ion	Ratio	Lower	Upper
105	100		
120	26.5	6.4	46.4

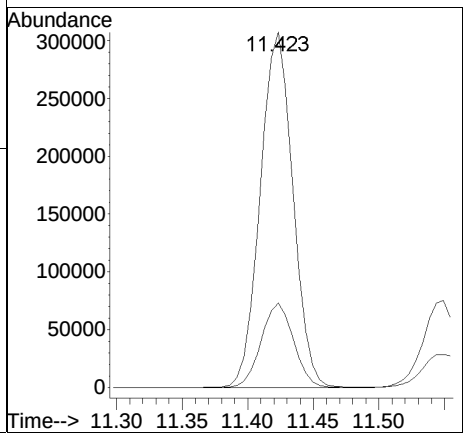


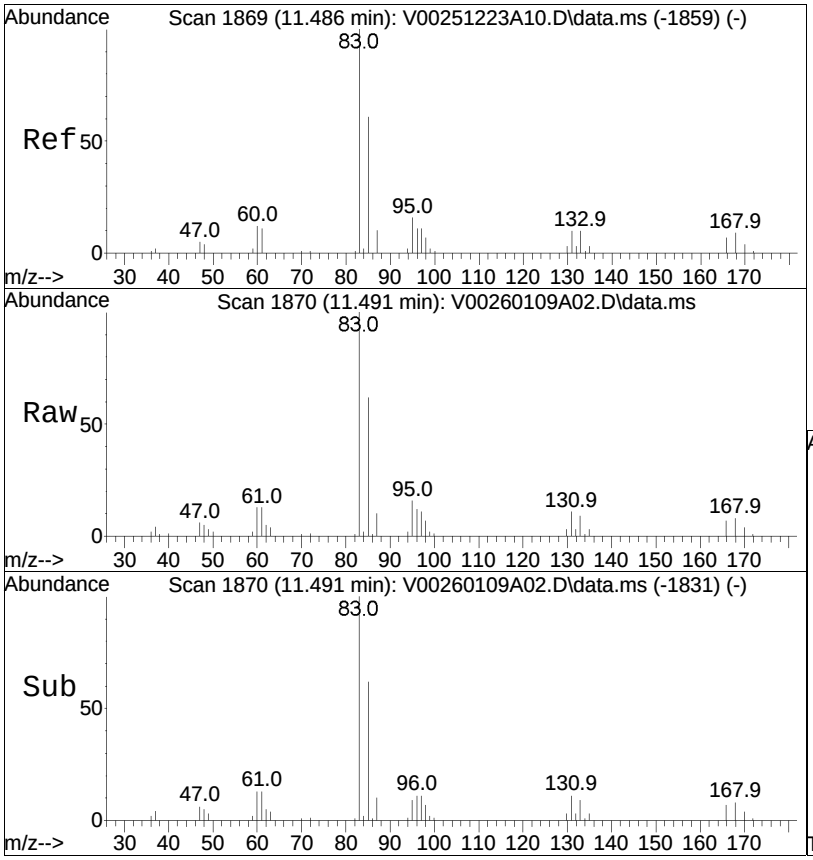


#86
n-Propylbenzene
Concen: 43.71 ug/L
RT: 11.423 min Scan# 1857
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 91 Resp: 531368

Ion	Ratio	Lower	Upper
91	100		
120	23.5	18.2	27.2

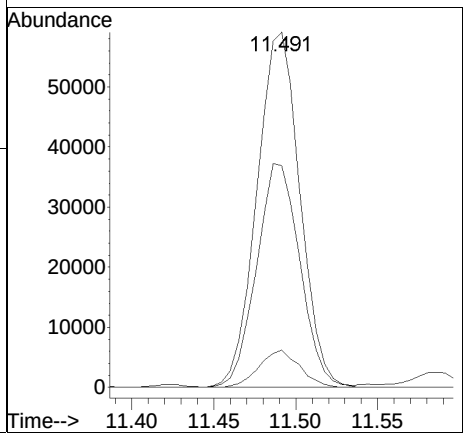


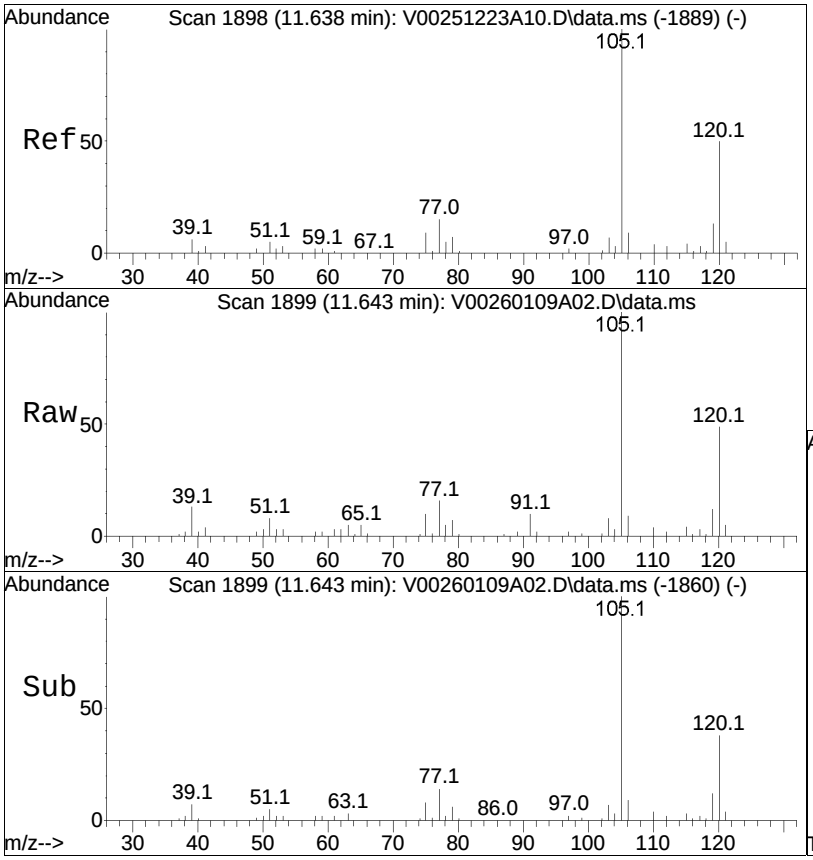


#88
1,1,2,2-Tetrachloroethane
Concen: 42.84 ug/L
RT: 11.491 min Scan# 1870
Delta R.T. 0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 83 Resp: 107856

Ion	Ratio	Lower	Upper
83	100		
131	10.0	0.0	30.1
85	63.5	45.9	85.9

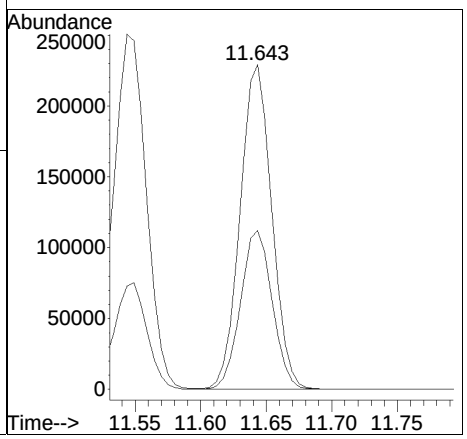


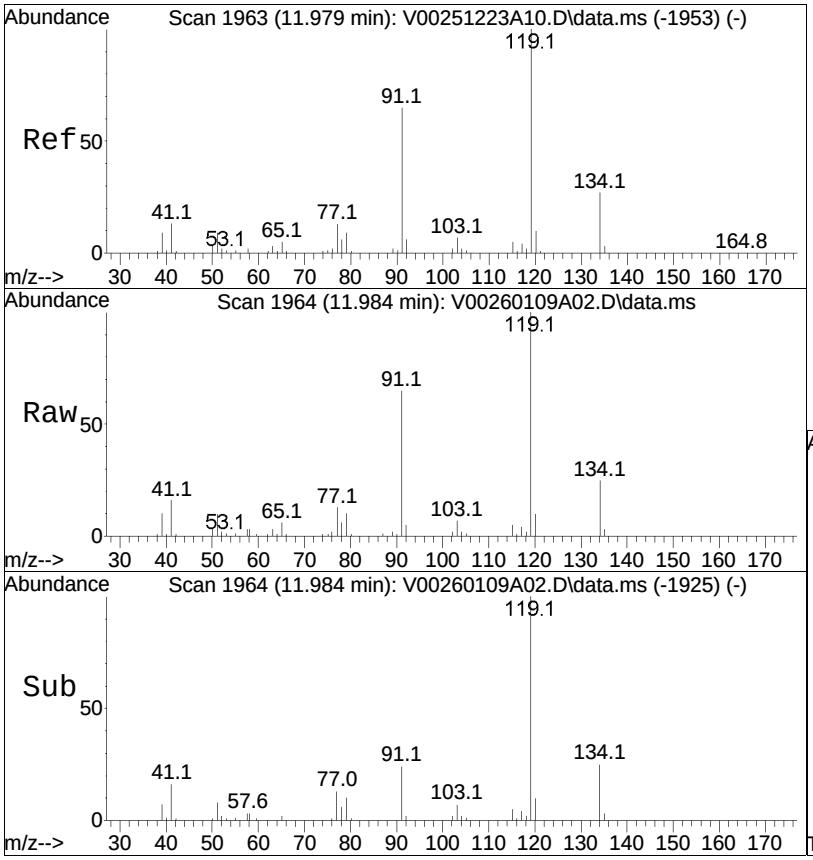


#91
1,3,5-Trimethylbenzene
Concen: 42.62 ug/L
RT: 11.643 min Scan# 1899
Delta R.T. 0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:105 Resp: 385276

Ion	Ratio	Lower	Upper
105	100		
120	49.0	39.1	58.7

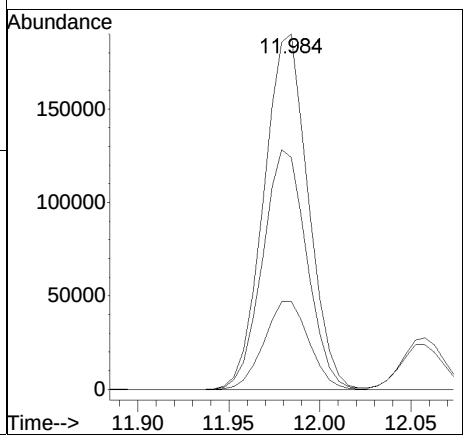


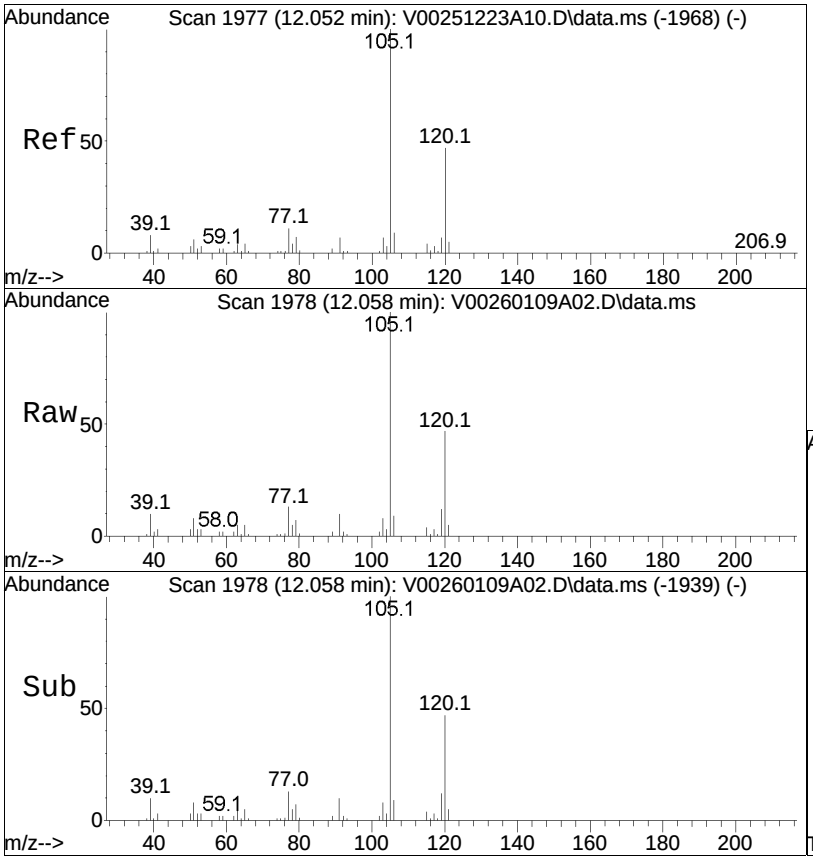


#95
tert-Butylbenzene
Concen: 41.00 ug/L
RT: 11.984 min Scan# 1964
Delta R.T. 0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:119 Resp: 321944

Ion	Ratio	Lower	Upper
119	100		
91	67.3	54.8	82.2
134	25.1	20.6	30.8

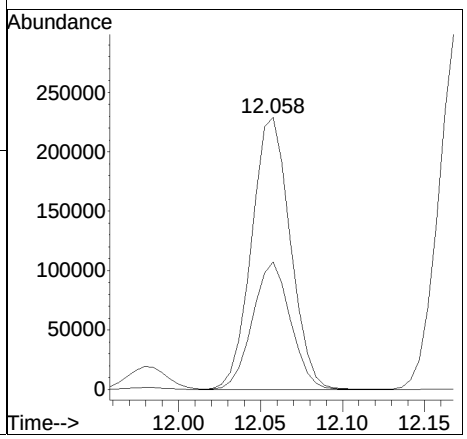


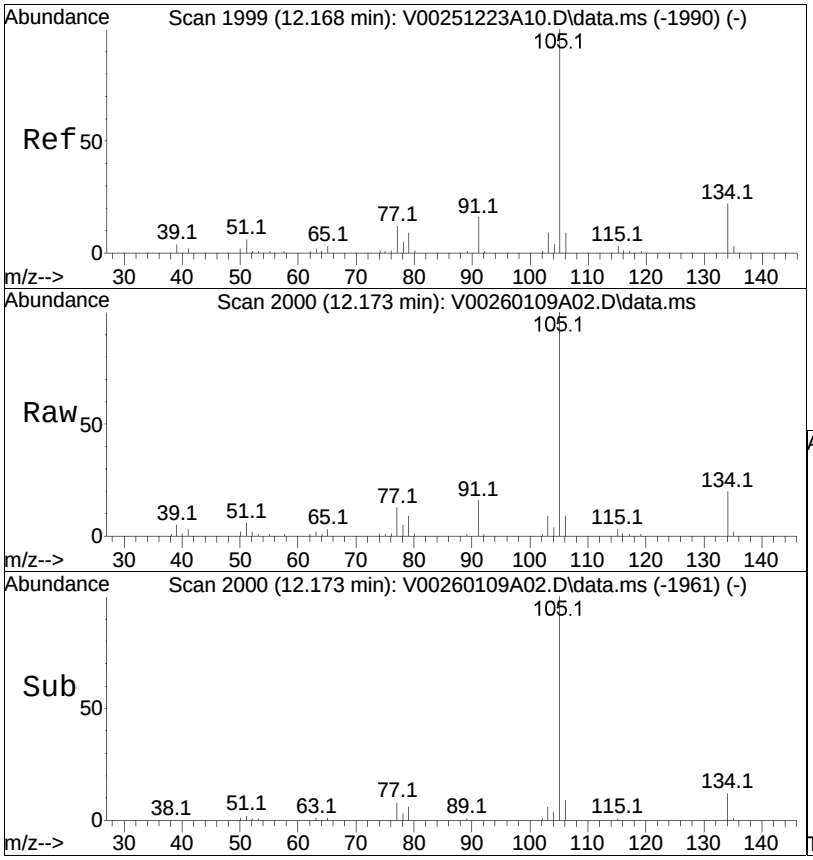


#98
1,2,4-Trimethylbenzene
Concen: 42.07 ug/L
RT: 12.058 min Scan# 1978
Delta R.T. 0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:105 Resp: 376260

Ion	Ratio	Lower	Upper
105	100		
120	45.8	37.1	55.7

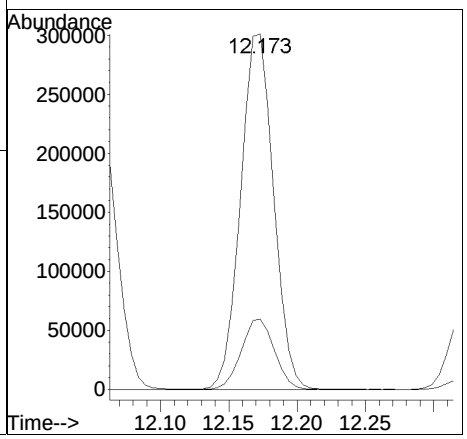


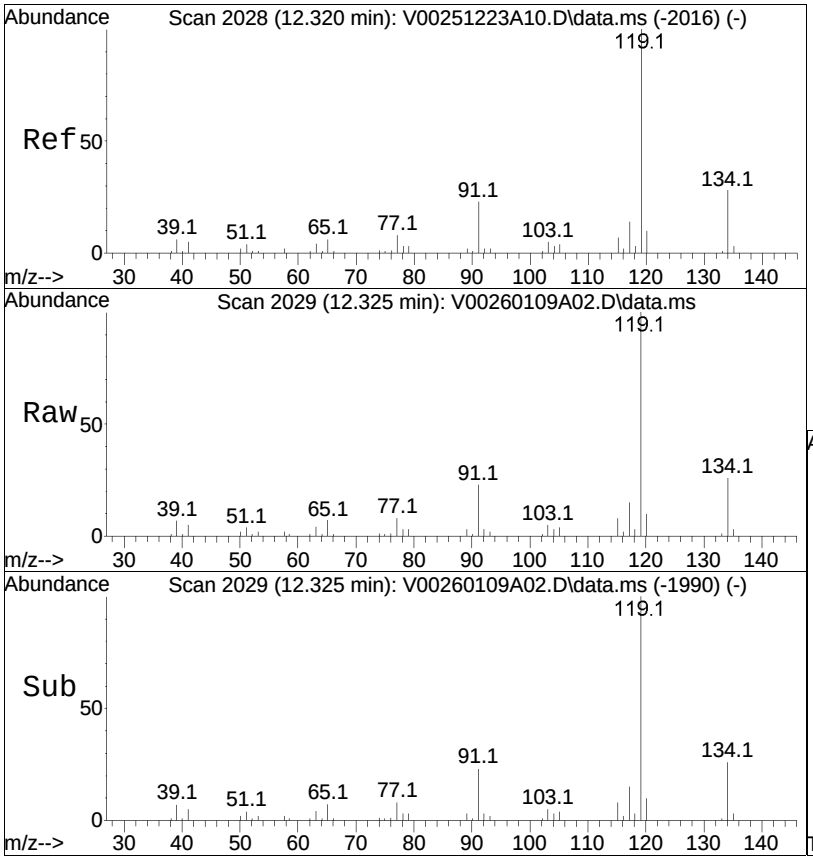


#99
sec-Butylbenzene
Concen: 43.38 ug/L
RT: 12.173 min Scan# 2000
Delta R.T. 0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:105 Resp: 506069

Ion	Ratio	Lower	Upper
105	100		
134	19.8	13.5	27.9

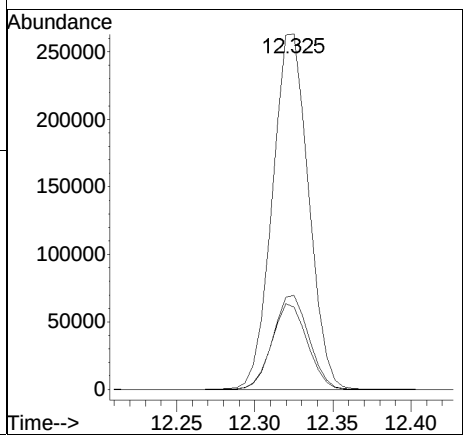


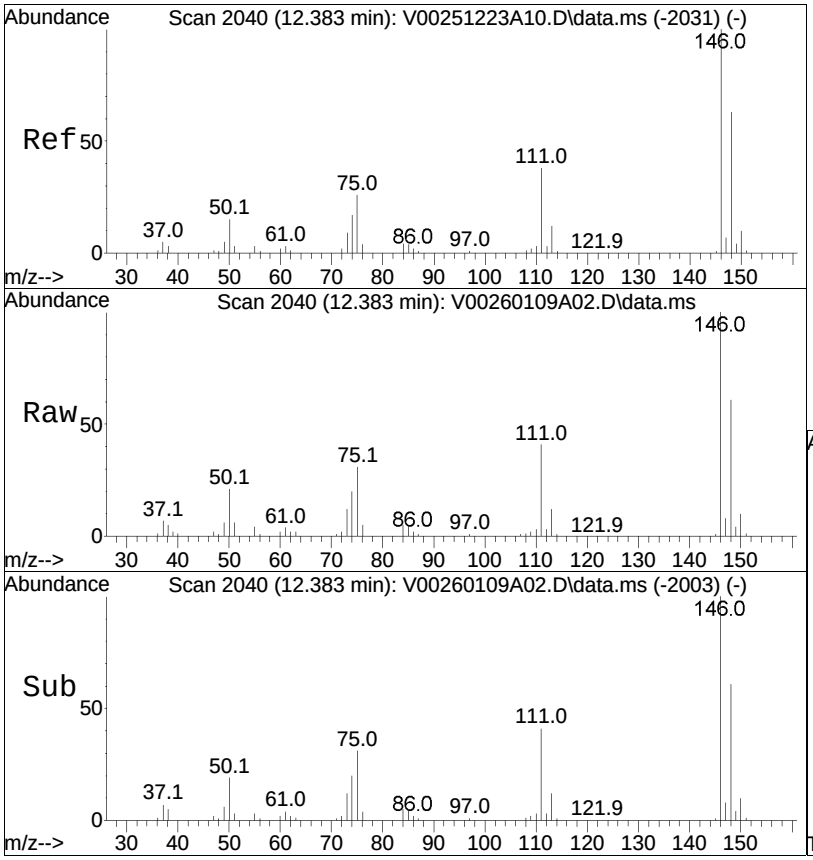


#100
p-Isopropyltoluene
Concen: 42.16 ug/L
RT: 12.325 min Scan# 2029
Delta R.T. 0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:119 Resp: 424576

Ion	Ratio	Lower	Upper
119	100		
134	26.3	17.4	36.0
91	23.7	15.8	32.8

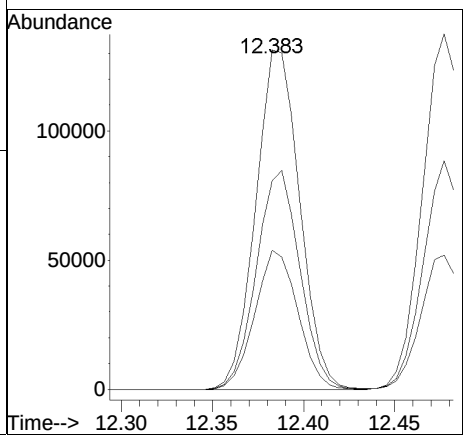


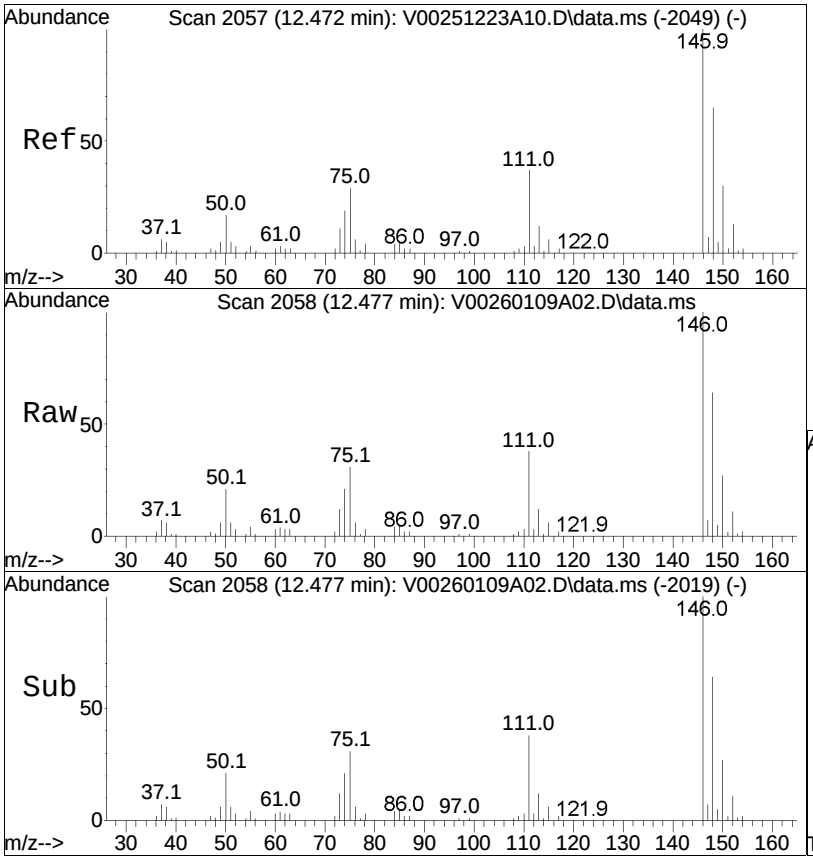


#101
1,3-Dichlorobenzene
Concen: 39.74 ug/L
RT: 12.383 min Scan# 2040
Delta R.T. -0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:146 Resp: 220780

Ion	Ratio	Lower	Upper
146	100		
111	40.1	26.1	54.1
148	63.7	40.8	84.8

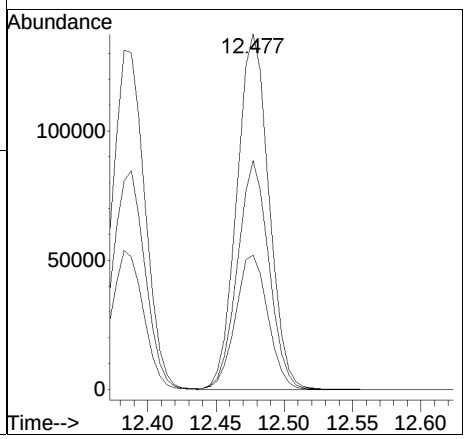


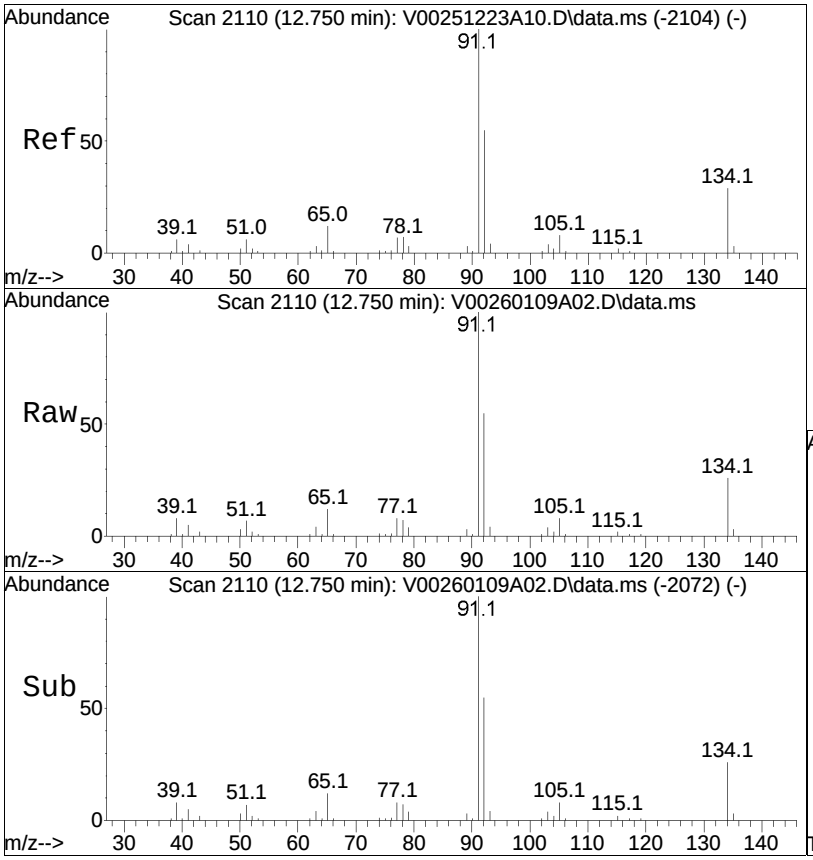


#102
1,4-Dichlorobenzene
Concen: 39.88 ug/L
RT: 12.477 min Scan# 2058
Delta R.T. 0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:146 Resp: 224736

Ion	Ratio	Lower	Upper
146	100		
111	38.3	32.1	48.1
148	63.1	50.6	75.8

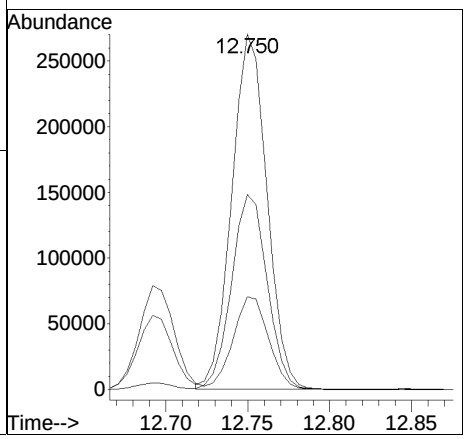


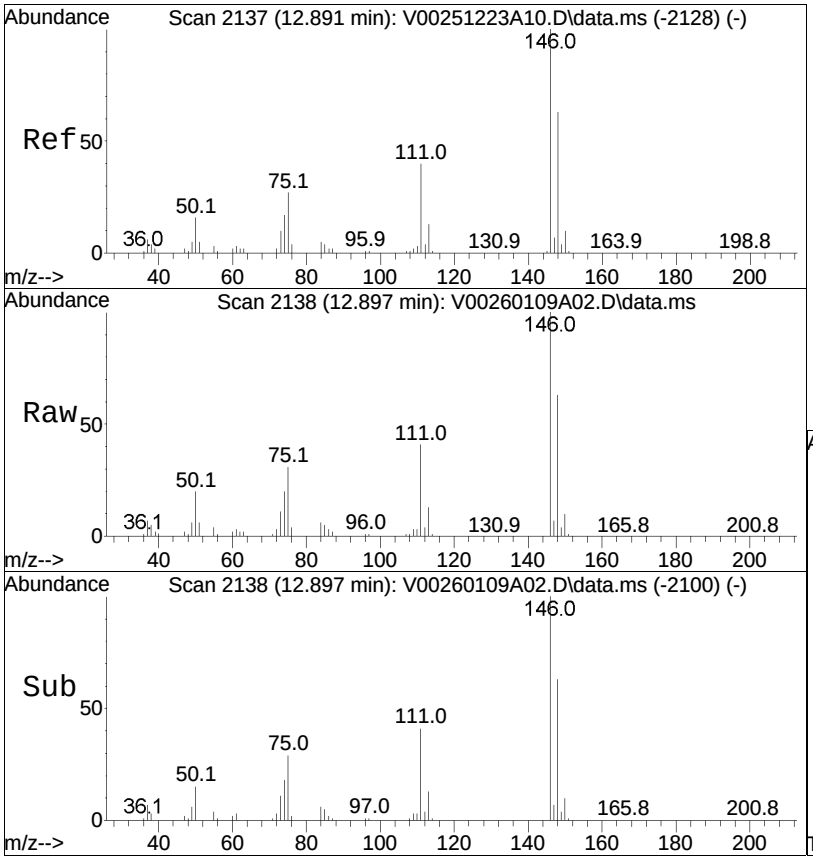


#104
n-Butylbenzene
Concen: 45.03 ug/L
RT: 12.750 min Scan# 2110
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion: 91 Resp: 403586

Ion	Ratio	Lower	Upper
91	100		
92	55.7	43.7	65.5
134	26.4	21.5	32.3

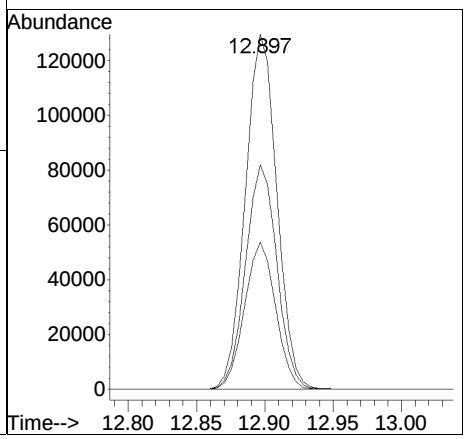


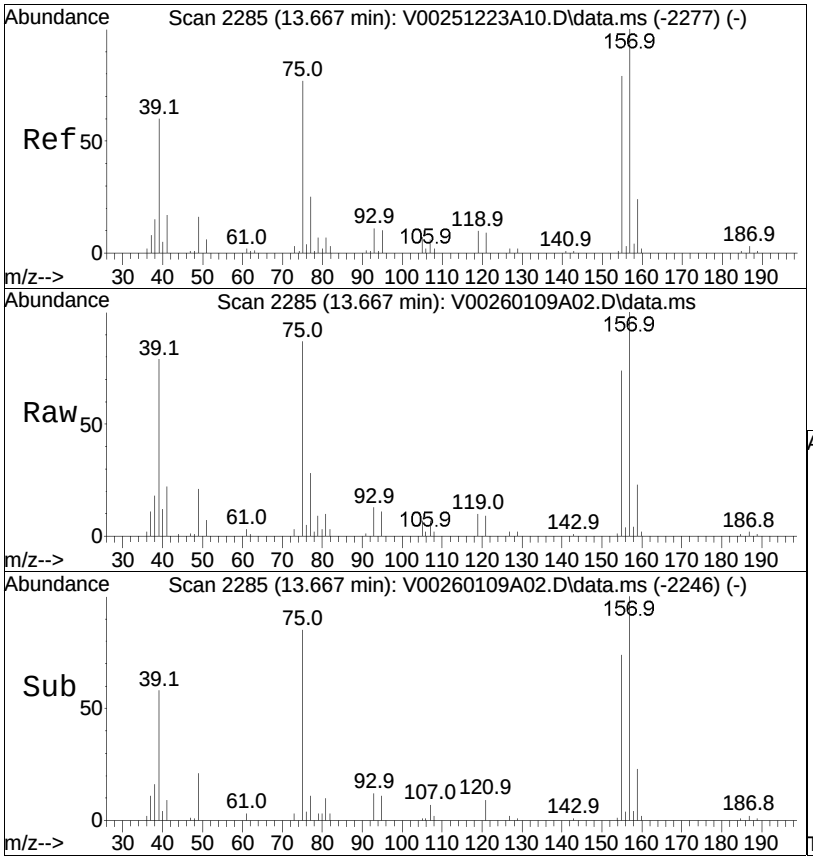


#105
1,2-Dichlorobenzene
Concen: 39.83 ug/L
RT: 12.897 min Scan# 2138
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:146 Resp: 208469

Ion	Ratio	Lower	Upper
146	100		
111	40.9	26.9	55.9
148	63.0	40.3	83.7

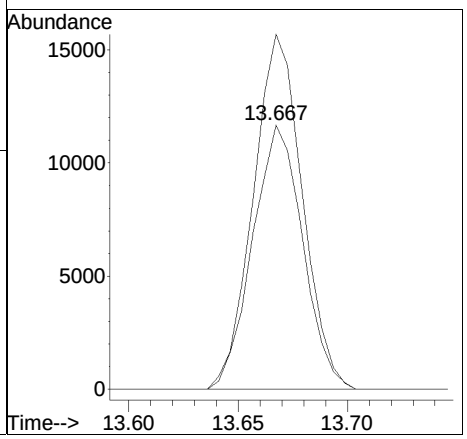


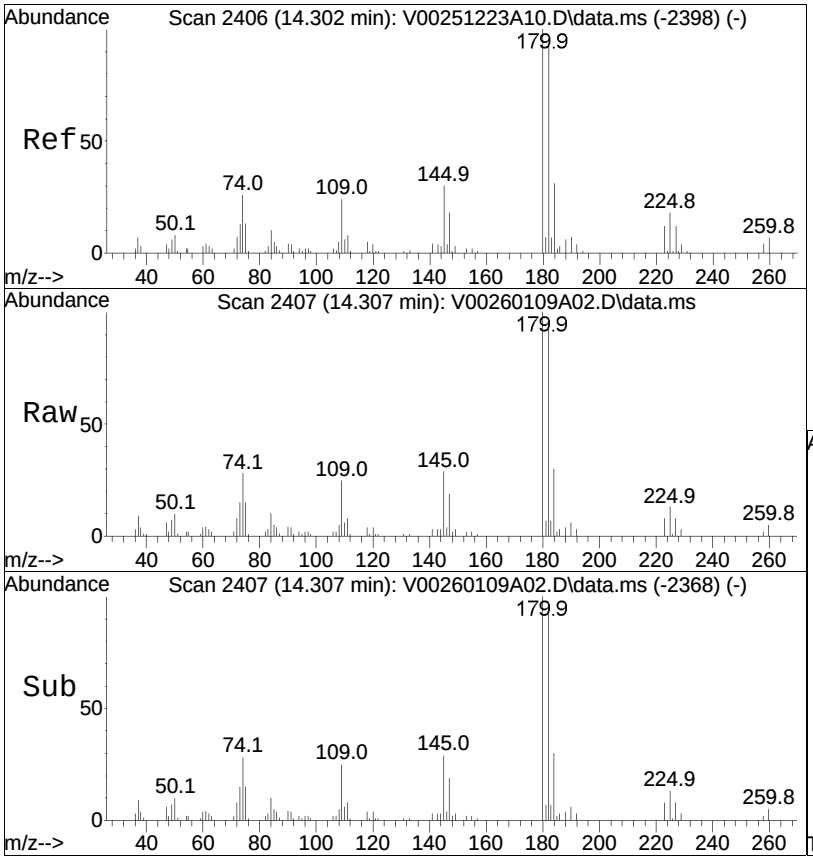


#107
1,2-Dibromo-3-chloropropane
Concen: 36.26 ug/L
RT: 13.667 min Scan# 2285
Delta R.T. 0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:155 Resp: 18629

Ion	Ratio	Lower	Upper
155	100		
157	131.4	97.0	145.4

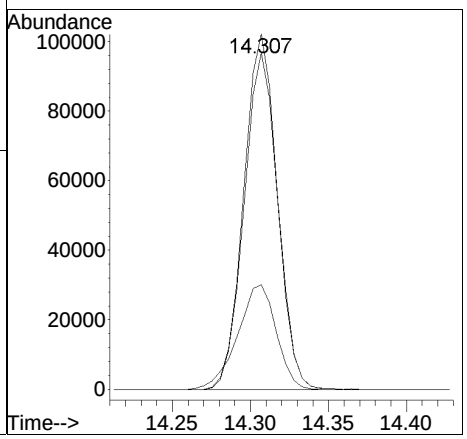


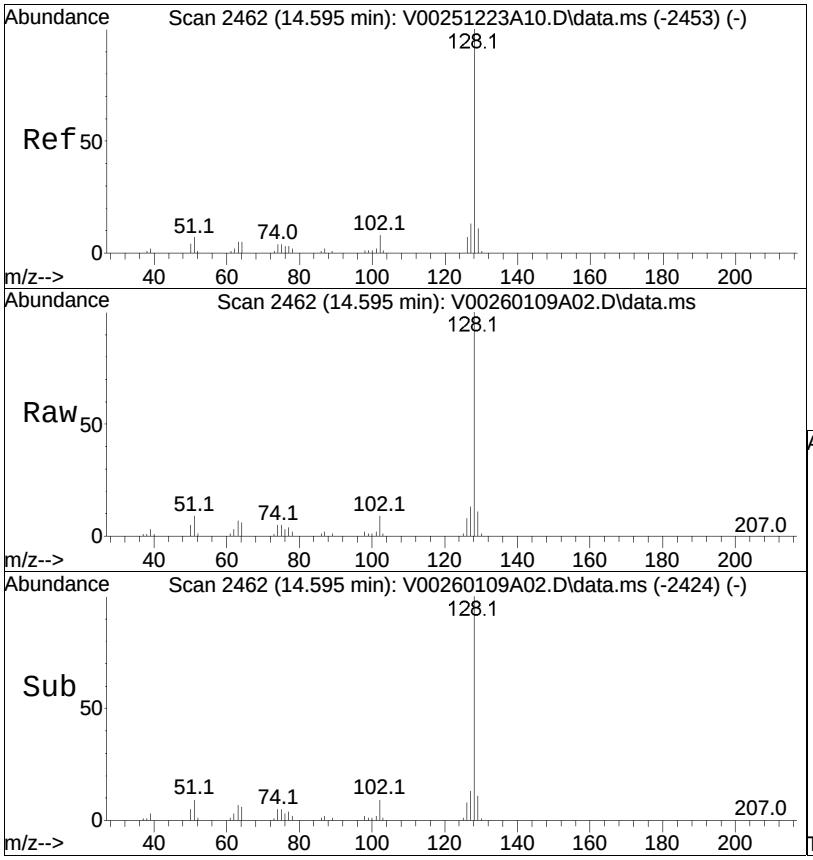


#110
1,2,4-Trichlorobenzene
Concen: 38.90 ug/L
RT: 14.307 min Scan# 2407
Delta R.T. 0.005 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

Tgt Ion:180 Resp: 152999

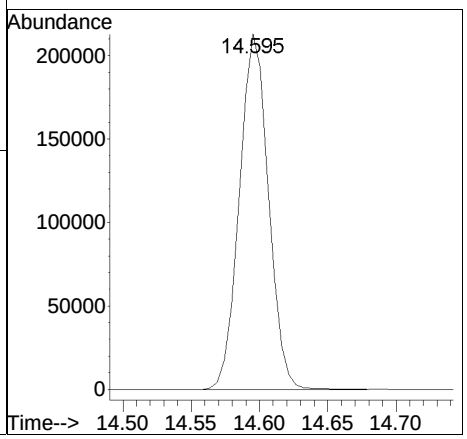
Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.8	113.6
145	33.8	29.2	43.8





#111
Naphthalene
Concen: 39.54 ug/L
RT: 14.595 min Scan# 2462
Delta R.T. 0.000 min
Lab File: V00260109A02.D
Acq: 09 Jan 2026 08:56 am

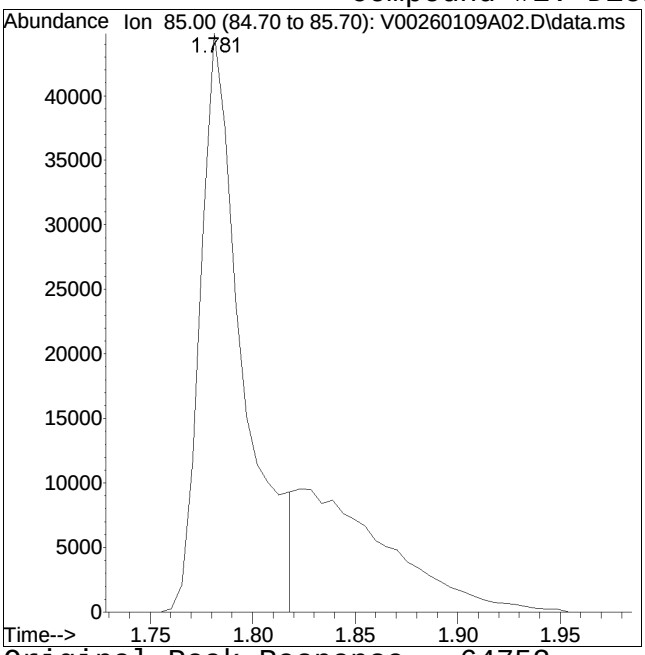
Tgt Ion:128 Resp: 315222

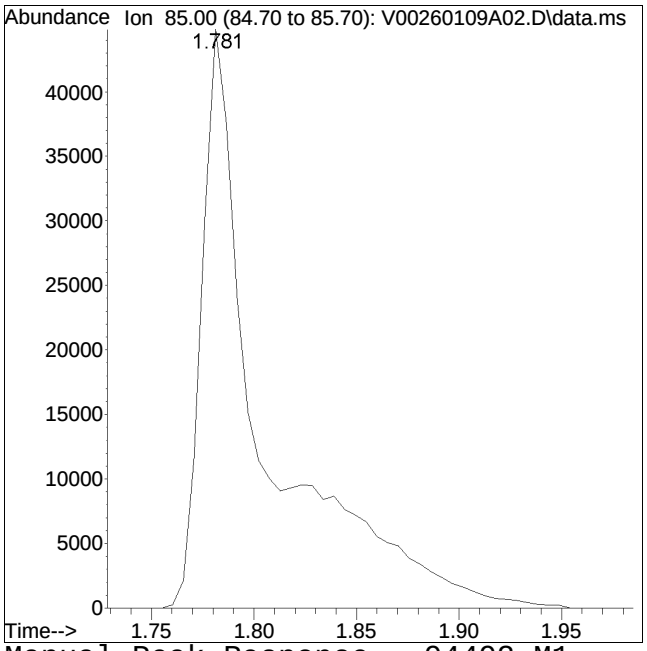


Manual Integration Report

Data Path : K:\VOA100\2026\260109A\ QMethod : V100_251223A_8260.m
Data File : V00260109A02.D Operator : VOA100:AJK
Date Inj'd : 1/9/2026 8:56 am Instrument : VOA100
Sample : WG2164111-4,31h,15,15,0.1 Quant Date : 1/9/2026 9:20 am

Compound #2: Dichlorodifluoromethane





Original Peak Response = 64752 Manual Peak Response = 94492 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B02.D
Acq On : 12 Jan 2026 11:00 am
Operator : VOA104:AJK
Sample : WG2164207-4,31H,15,15,0.100
Misc : WG2164207,ICAL22828
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 12 11:23:38 2026
Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2026\260112B\V04260112B01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.377	96	332385	20.000	ug/L	0.00
Standard Area 1 = 342554			Recovery = 97.03%			
59) Chlorobenzene-d5	8.838	117	238544	20.000	ug/L	0.00
Standard Area 1 = 240588			Recovery = 99.15%			
79) 1,4-Dichlorobenzene-d4	11.669	152	120733	20.000	ug/L	0.00
Standard Area 1 = 123411			Recovery = 97.83%			
System Monitoring Compounds						
36) Dibromofluoromethane	4.612	113	85295	17.891	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 89.45%			
43) 1,2-Dichloroethane-d4	5.110	65	66963	15.819	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 79.09%			
60) Toluene-d8	7.024	98	324325	21.151	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 105.76%			
83) 4-Bromofluorobenzene	10.395	95	116963	22.487	ug/L	0.00
Spiked Amount 20.000	Range 70 - 130		Recovery = 112.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.408	85	208829	34.467	ug/L	98
3) Chloromethane	1.571	50	213756	34.282	ug/L	99
4) Vinyl chloride	1.629	62	226251	37.031	ug/L	99
5) Bromomethane	1.885	94	170474	49.676	ug/L	98
6) Chloroethane	1.985	64	131910	37.262	ug/L	99
7) Trichlorofluoromethane	2.100	101	305438	42.235	ug/L	98
10) 1,1-Dichloroethene	2.525	96	190609	45.943	ug/L	81
11) Carbon disulfide	2.551	76	666899	43.812	ug/L	99
12) Freon-113	2.557	101	193860	47.162	ug/L #	73
15) Methylene chloride	3.028	84	210563	40.308	ug/L	82
17) Acetone	3.065	43	31146	18.102	ug/L	90
18) trans-1,2-Dichloroethene	3.165	96	206594	44.450	ug/L	87
19) Methyl acetate	3.175	43	58880	33.840	ug/L #	84
20) Methyl tert-butyl ether	3.243	73	476447	41.342	ug/L	89
23) 1,1-Dichloroethane	3.700	63	346859	39.831	ug/L	97
28) cis-1,2-Dichloroethene	4.187	96	219933	41.879	ug/L	84
31) Cyclohexane	4.355	56	291434	41.163	ug/L	79
32) Chloroform	4.444	83	344560	41.764	ug/L	95
34) Carbon tetrachloride	4.554	117	273075	40.889	ug/L	99
37) 1,1,1-Trichloroethane	4.617	97	299149	43.099	ug/L	95

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B02.D
Acq On : 12 Jan 2026 11:00 am
Operator : VOA104:AJK
Sample : WG2164207-4,31H,15,15,0.100
Misc : WG2164207,ICAL22828
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 12 11:23:38 2026
Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2026\260112B\V04260112B01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) 2-Butanone	4.727	43	38363	31.638	ug/L	#	58
41) Benzene	4.968	78	730643	44.758	ug/L		94
44) 1,2-Dichloroethane	5.173	62	200586	34.701	ug/L		96
47) Methyl cyclohexane	5.524	83	332679	48.650	ug/L	#	78
48) Trichloroethene	5.550	95	208484	47.999	ug/L		96
51) 1,2-Dichloropropane	6.075	63	185338	39.175	ug/L		97
54) Bromodichloromethane	6.159	83	264538	40.995	ug/L		100
58) cis-1,3-Dichloropropene	6.830	75	308494	44.298	ug/L	#	90
61) Toluene	7.076	92	461149	45.297	ug/L		98
62) 4-Methyl-2-pentanone	7.522	58	43485	38.973	ug/L	#	93
63) Tetrachloroethene	7.511	166	223331	46.281	ug/L		99
65) trans-1,3-Dichloropropene	7.574	75	254291	46.030	ug/L		88
68) 1,1,2-Trichloroethane	7.752	83	126708	41.956	ug/L		98
69) Chlorodibromomethane	7.952	129	191294	40.970	ug/L		100
71) 1,2-Dibromoethane	8.214	107	150791	45.355	ug/L		99
72) 2-Hexanone	8.528	43	64266	33.845	ug/L		95
73) Chlorobenzene	8.853	112	524486	45.895	ug/L		98
74) Ethylbenzene	8.895	91	894534	48.948	ug/L		98
76) p/m Xylene	9.079	106	662643	95.503	ug/L		95
77) o Xylene	9.624	106	657730	93.456	ug/L		96
78) Styrene	9.698	104	1038500	91.185	ug/L		98
80) Bromoform	9.724	173	115977	40.679	ug/L		100
82) Isopropylbenzene	10.033	105	862533	49.602	ug/L		99
85) n-Propylbenzene	10.557	91	1035953	52.165	ug/L		97
87) 1,1,2,2-Tetrachloroethane	10.678	83	173692	43.070	ug/L		99
90) 1,3,5-Trimethylbenzene	10.804	105	695790	48.615	ug/L		99
94) tert-Butylbenzene	11.160	119	595232	47.851	ug/L		98
97) 1,2,4-Trimethylbenzene	11.244	105	682673	47.338	ug/L		99
98) sec-Butylbenzene	11.360	105	928669	50.947	ug/L		97
99) p-Isopropyltoluene	11.527	119	770180	48.868	ug/L		98
100) 1,3-Dichlorobenzene	11.585	146	386418	45.182	ug/L		99
101) 1,4-Dichlorobenzene	11.685	146	393800	44.285	ug/L		99
103) n-Butylbenzene	11.973	91	750782	53.403	ug/L		98
104) 1,2-Dichlorobenzene	12.120	146	360514	43.885	ug/L		97
106) 1,2-Dibromo-3-chloropr...	12.927	155	26620	40.415	ug/L		100
109) 1,2,4-Trichlorobenzene	13.562	180	262962	48.557	ug/L		99
110) Naphthalene	13.855	128	443493	45.319	ug/L		100

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

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B02.D
Acq On : 12 Jan 2026 11:00 am
Operator : VOA104:AJK
Sample : WG2164207-4,31H,15,15,0.100
Misc : WG2164207,ICAL22828
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 12 11:23:38 2026
Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - K:\VOA104\2026\260112B\V04260112B01.D
Sub List : 8260-CurveSoil - Megamix plus Diox

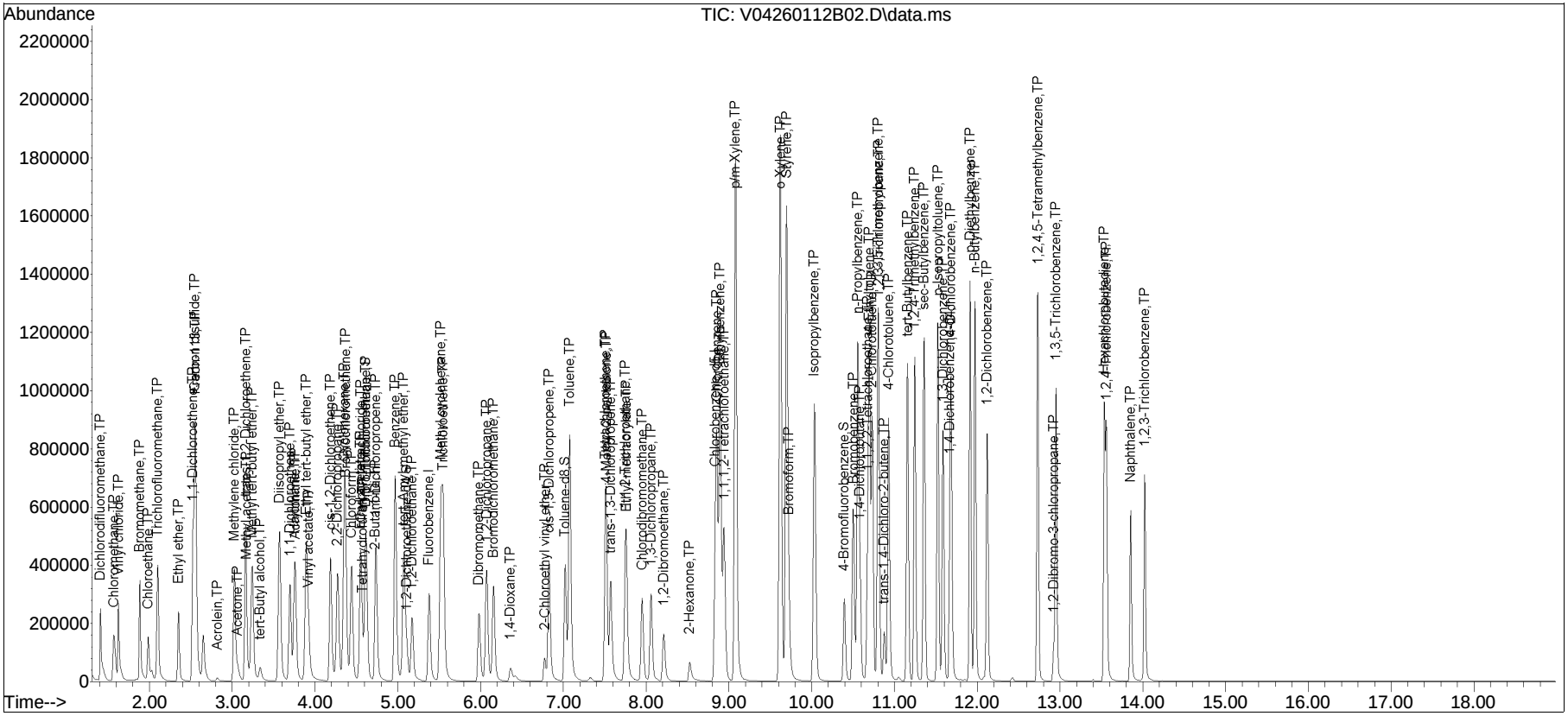
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

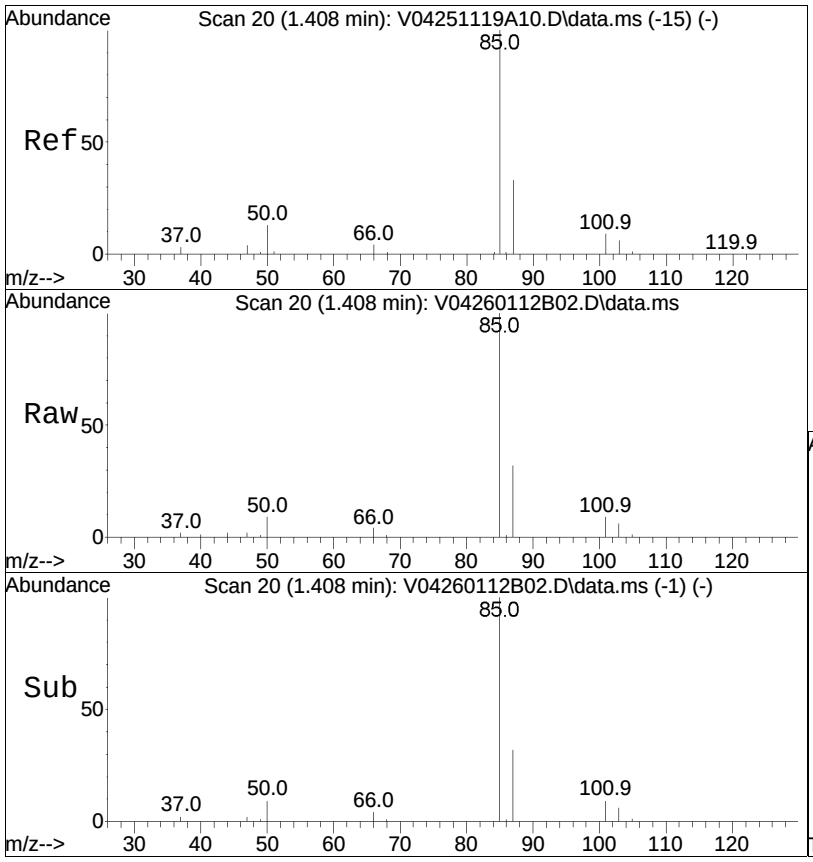
Quantitation Report (QT Reviewed)

Data Path : K:\VOA104\2026\260112B\
Data File : V04260112B02.D
Acq On : 12 Jan 2026 11:00 am
Operator : VOA104:AJK
Sample : WG2164207-4,31H,15,15,0.100
Misc : WG2164207,ICAL22828
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 12 11:23:38 2026
Quant Method : K:\VOA104\2026\260112B\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Sub List : 8260-CurveSoil - Megamix plus Diox12B01.D•

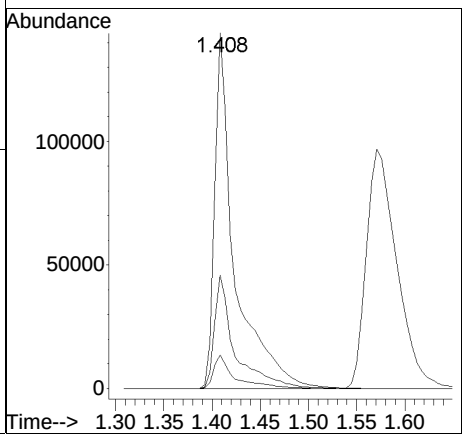


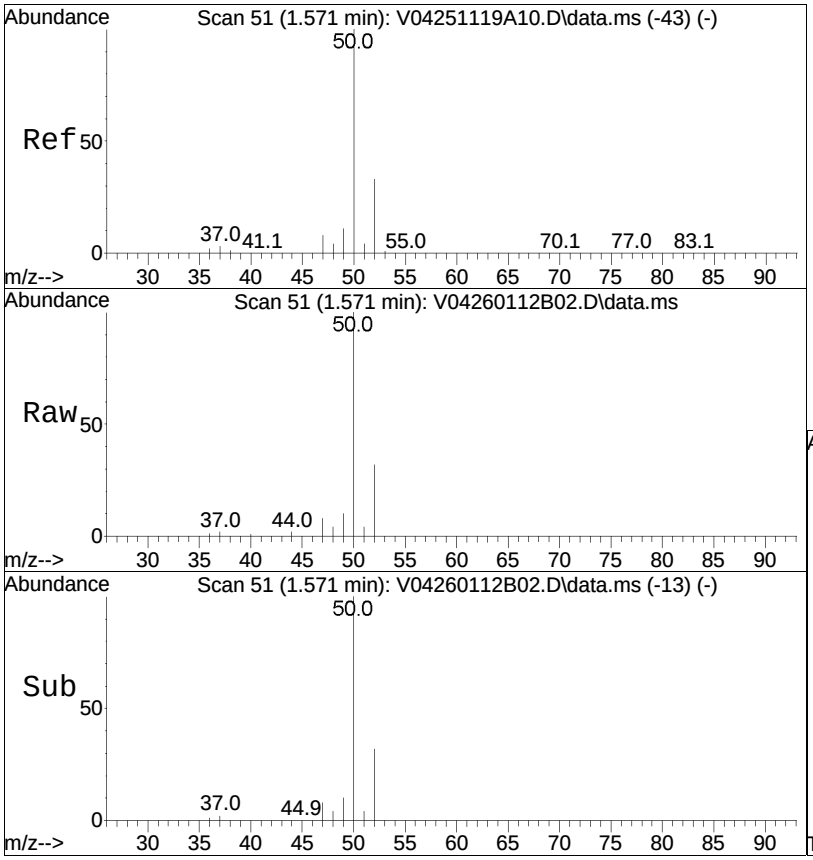


#2
Dichlorodifluoromethane
Concen: 34.47 ug/L
RT: 1.408 min Scan# 20
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 85 Resp: 208829

Ion	Ratio	Lower	Upper
85	100		
87	32.3	20.9	43.5
50	9.7	8.1	16.9

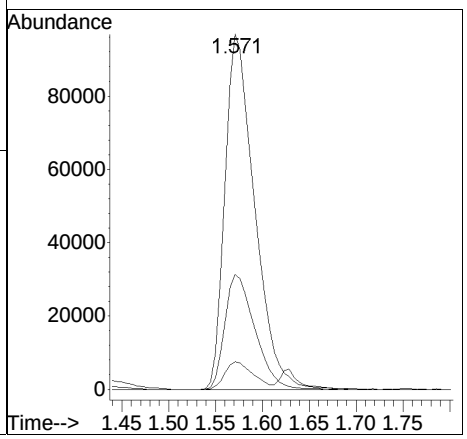


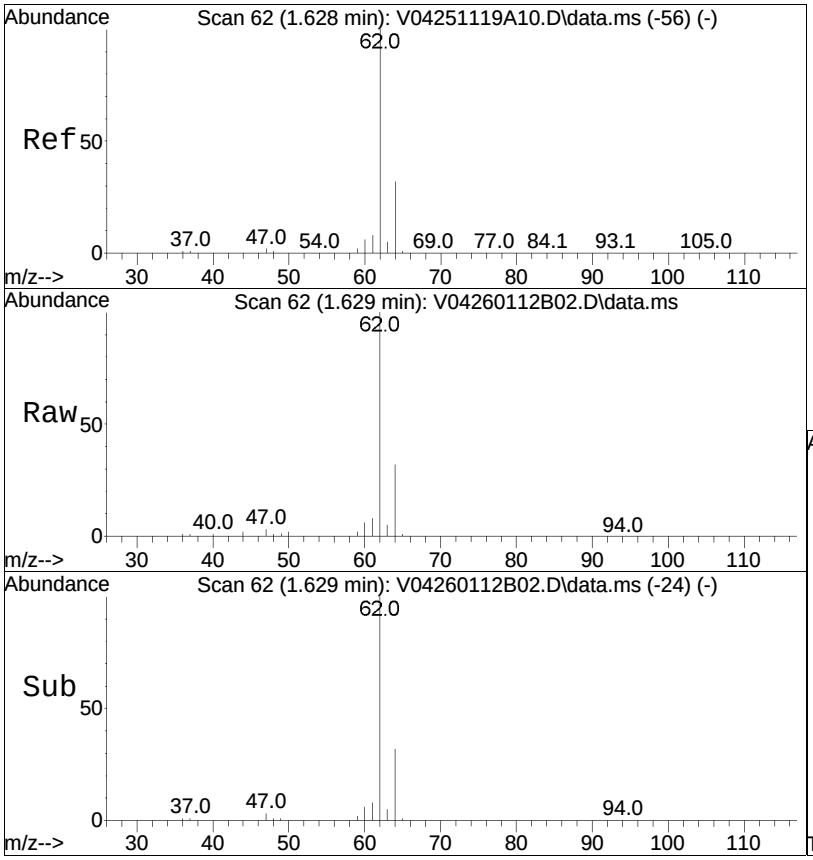


#3
Chloromethane
Concen: 34.28 ug/L
RT: 1.571 min Scan# 51
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 50 Resp: 213756

Ion	Ratio	Lower	Upper
50	100		
52	32.6	13.0	53.0
47	7.4	0.0	28.2

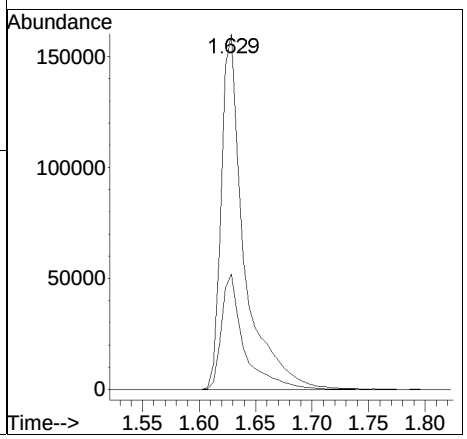


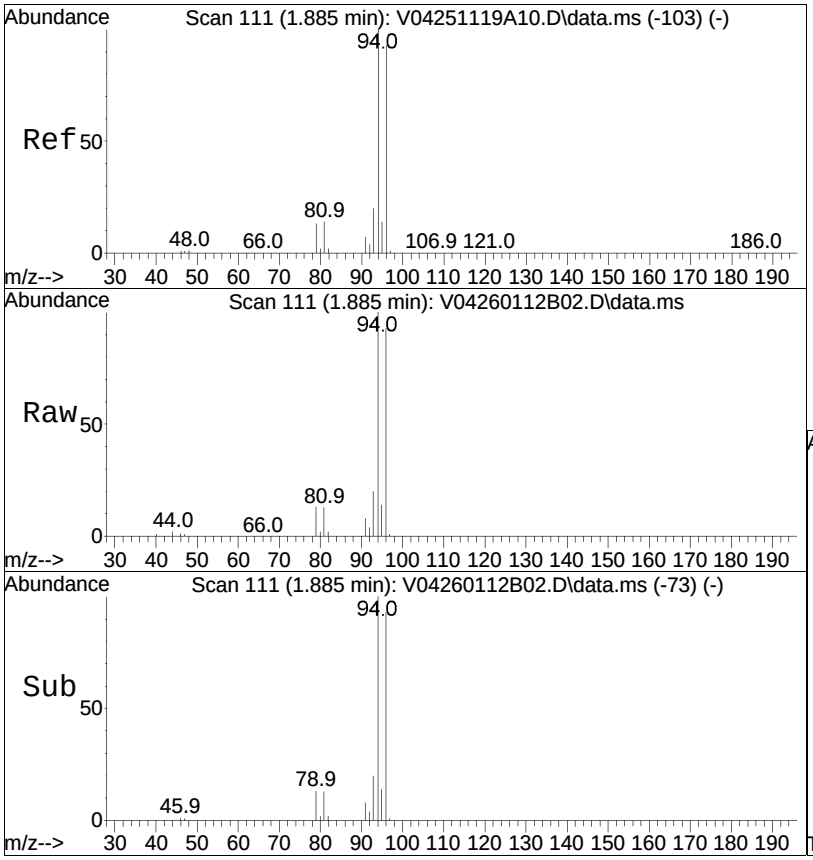


#4
Vinyl chloride
Concen: 37.03 ug/L
RT: 1.629 min Scan# 62
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 62 Resp: 226251

Ion	Ratio	Lower	Upper
62	100		
64	32.0	11.6	51.6

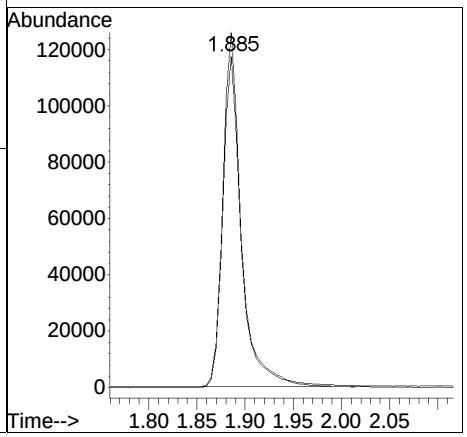


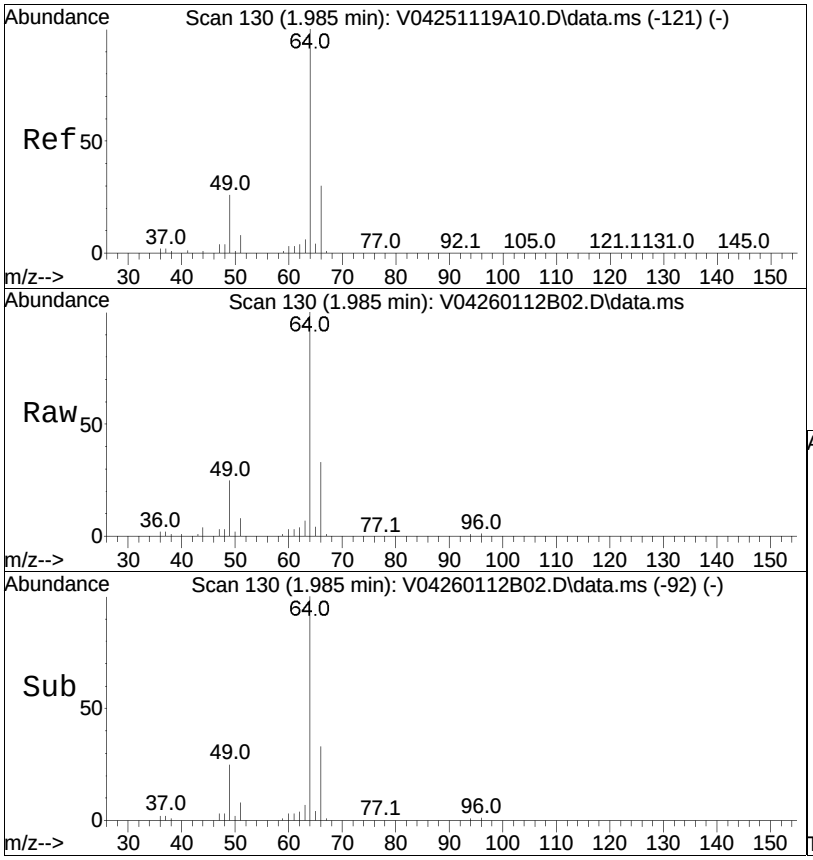


#5
Bromomethane
Concen: 49.68 ug/L
RT: 1.885 min Scan# 111
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 94 Resp: 170474

Ion	Ratio	Lower	Upper
94	100		
96	93.4	71.0	111.0

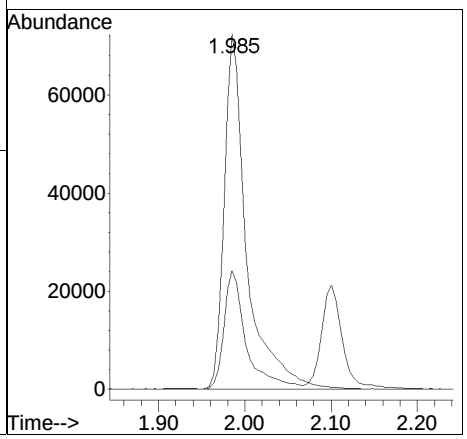


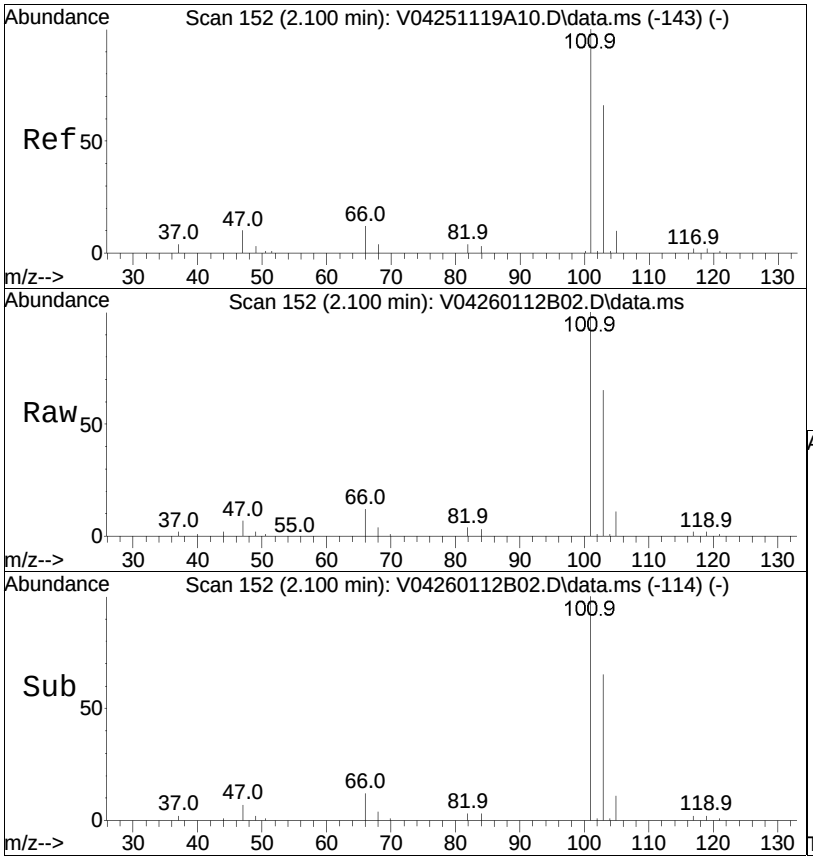


#6
Chloroethane
Concen: 37.26 ug/L
RT: 1.985 min Scan# 130
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 64 Resp: 131910

Ion	Ratio	Lower	Upper
64	100		
66	33.0	13.7	53.7

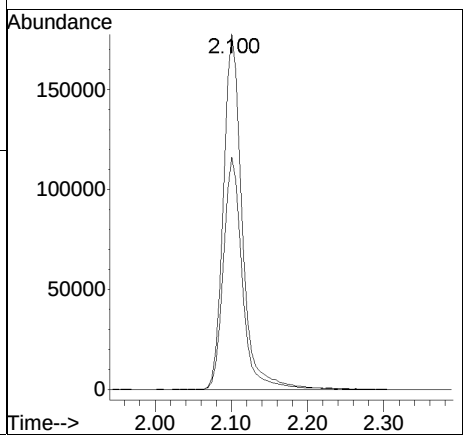


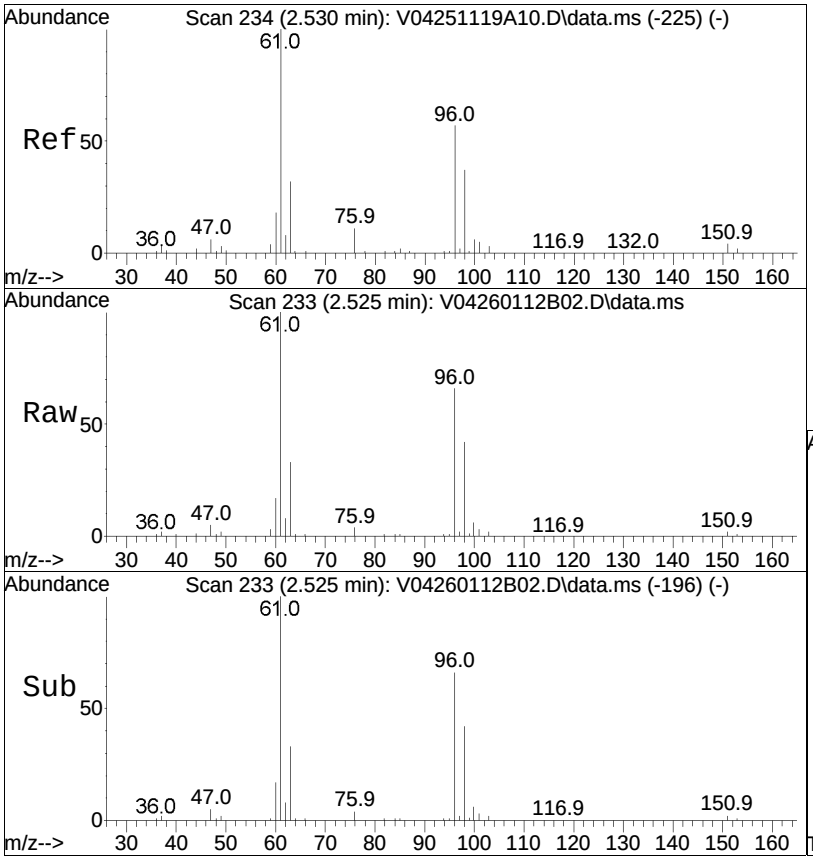


#7
Trichlorofluoromethane
Concen: 42.24 ug/L
RT: 2.100 min Scan# 152
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion:101 Resp: 305438

Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.7	77.5

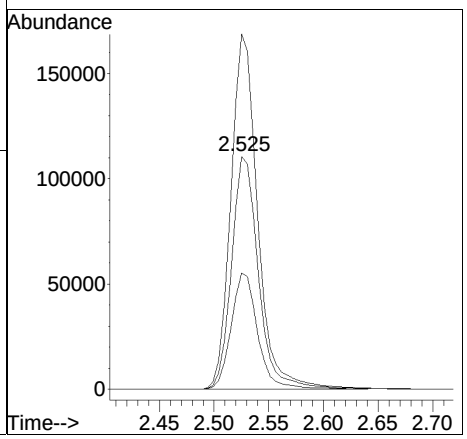


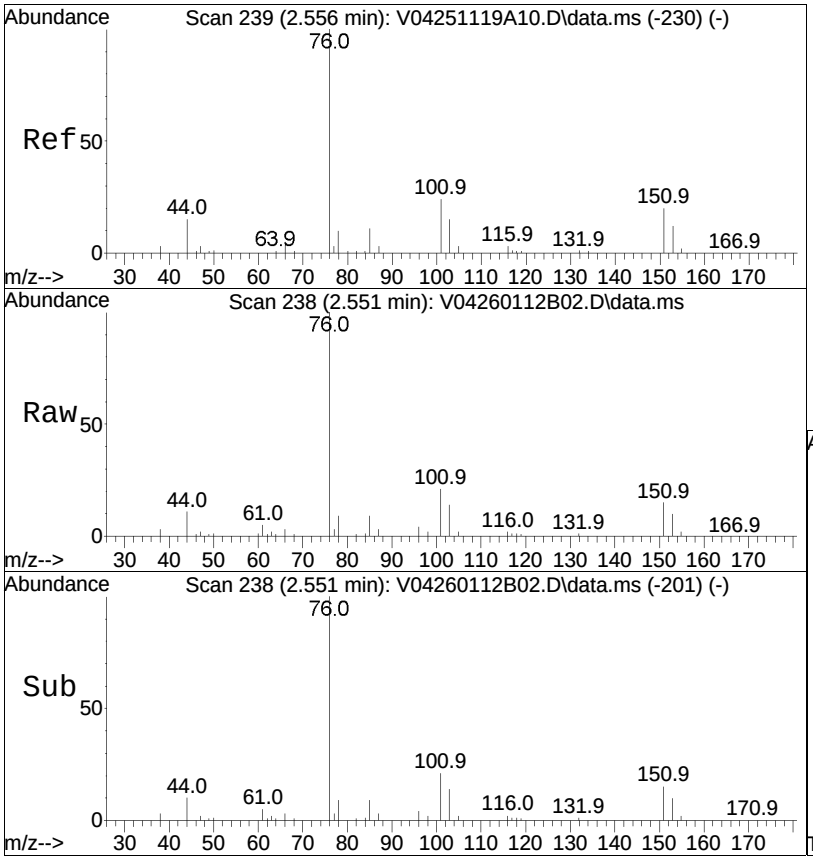


#10
1,1-Dichloroethene
Concen: 45.94 ug/L
RT: 2.525 min Scan# 233
Delta R.T. -0.005 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 96 Resp: 190609

Ion	Ratio	Lower	Upper
96	100		
61	152.0	145.8	218.6
63	49.4	46.6	69.8

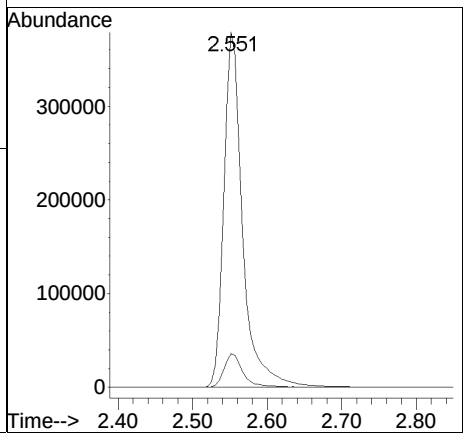


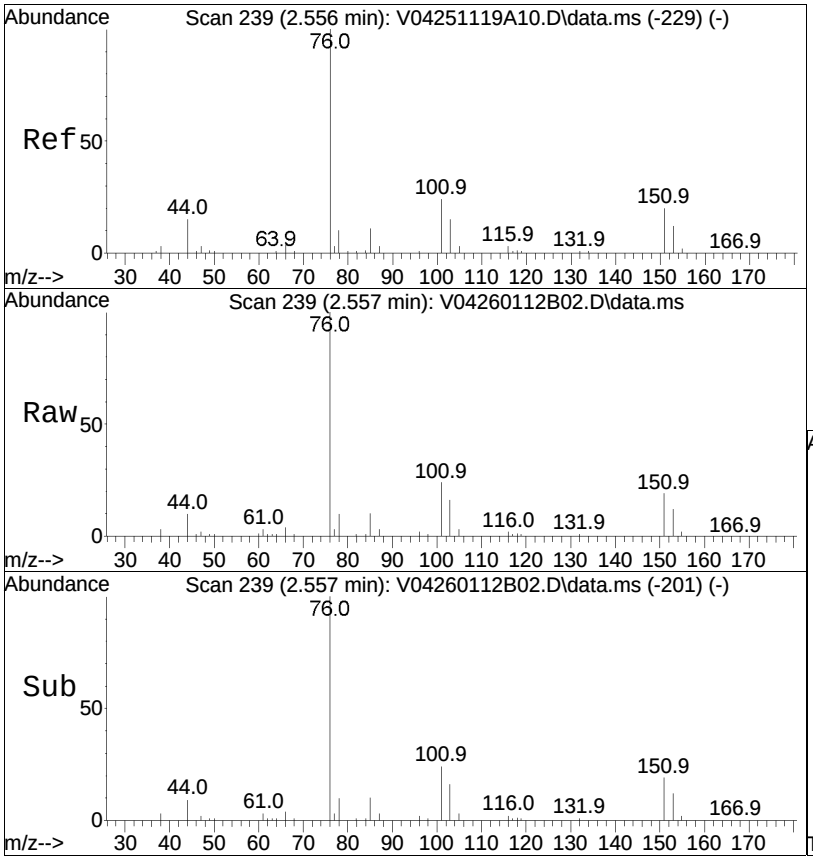


#11
Carbon disulfide
Concen: 43.81 ug/L
RT: 2.551 min Scan# 238
Delta R.T. -0.005 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 76 Resp: 666899

Ion	Ratio	Lower	Upper
76	100		
78	9.8	6.6	13.8

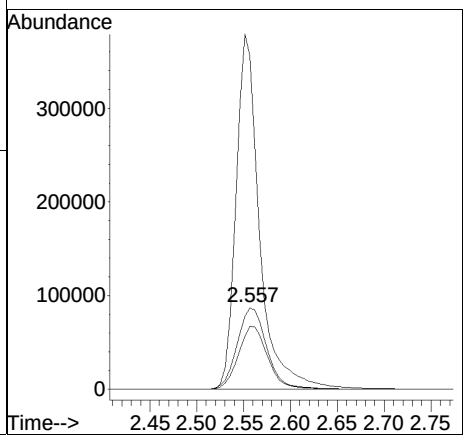


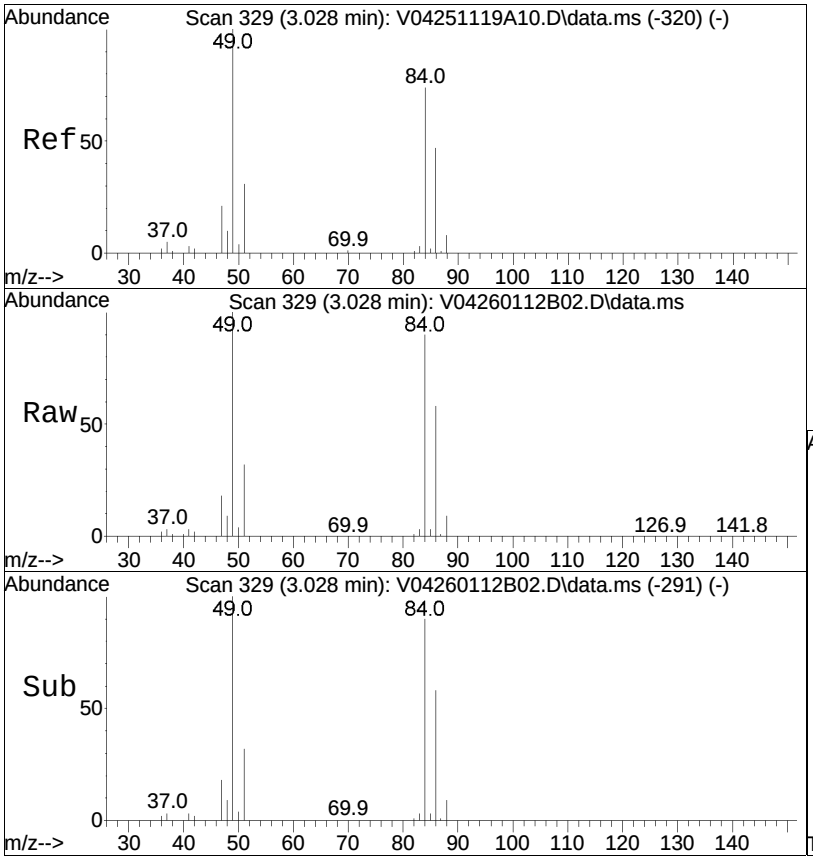


#12
Freon-113
Concen: 47.16 ug/L
RT: 2.557 min Scan# 239
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion:101 Resp: 193860

Ion	Ratio	Lower	Upper
101	100		
151	76.9	65.3	97.9
76	344.0	224.2	336.4#

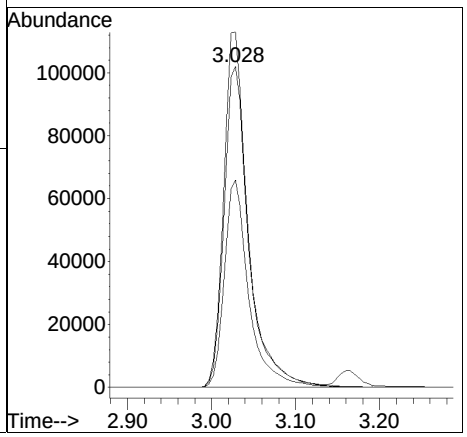


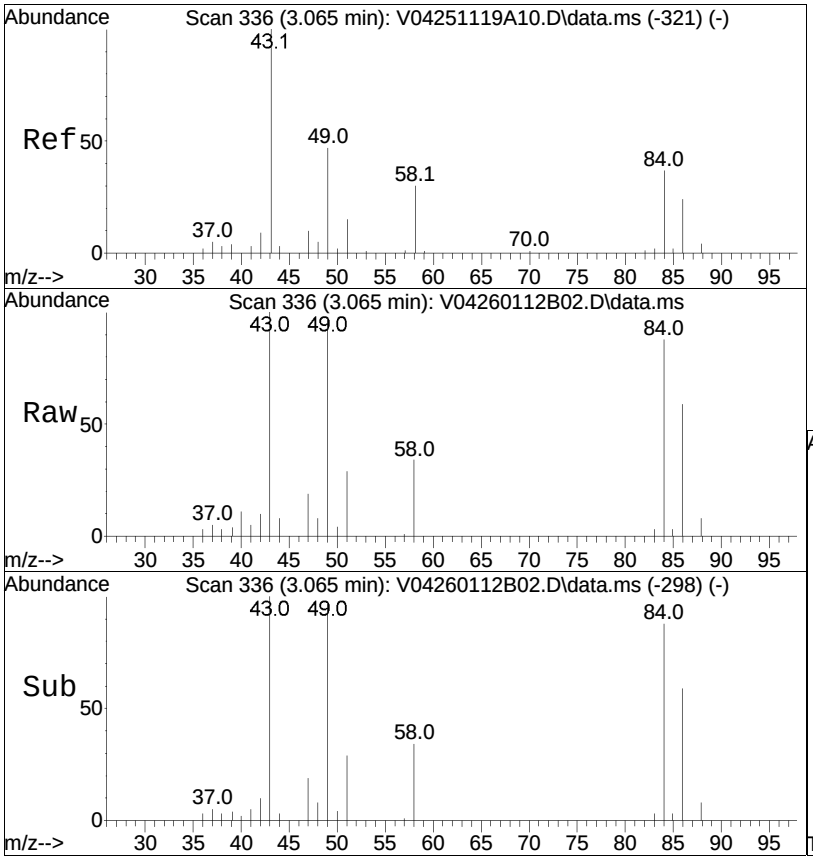


#15
Methylene chloride
Concen: 40.31 ug/L
RT: 3.028 min Scan# 329
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 84 Resp: 210563

Ion	Ratio	Lower	Upper
84	100		
86	63.8	41.3	85.9
49	109.1	91.0	189.0

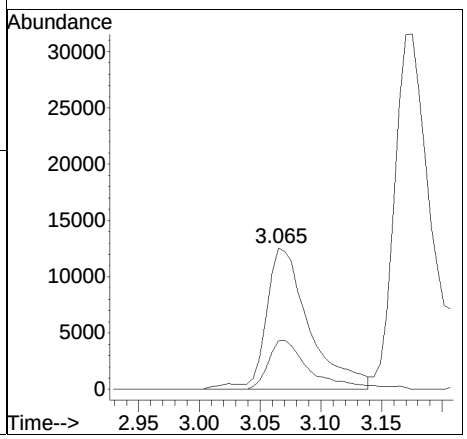


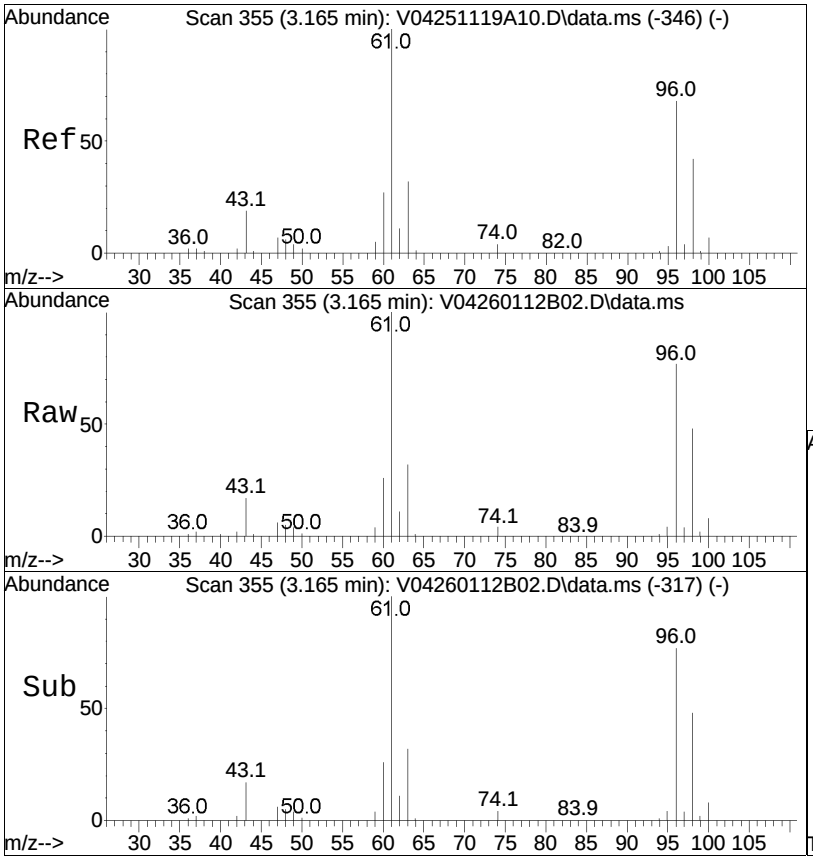


#17
Acetone
Concen: 18.10 ug/L
RT: 3.065 min Scan# 336
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 43 Resp: 31146

Ion	Ratio	Lower	Upper
43	100		
58	34.1	23.2	34.8

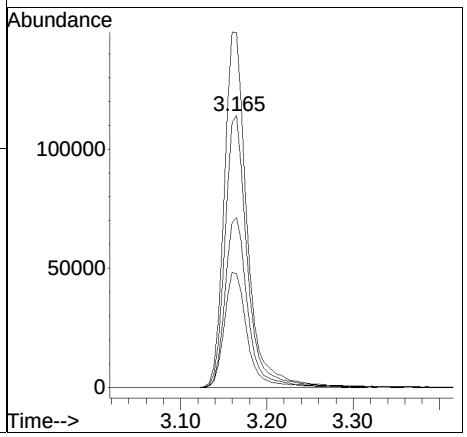


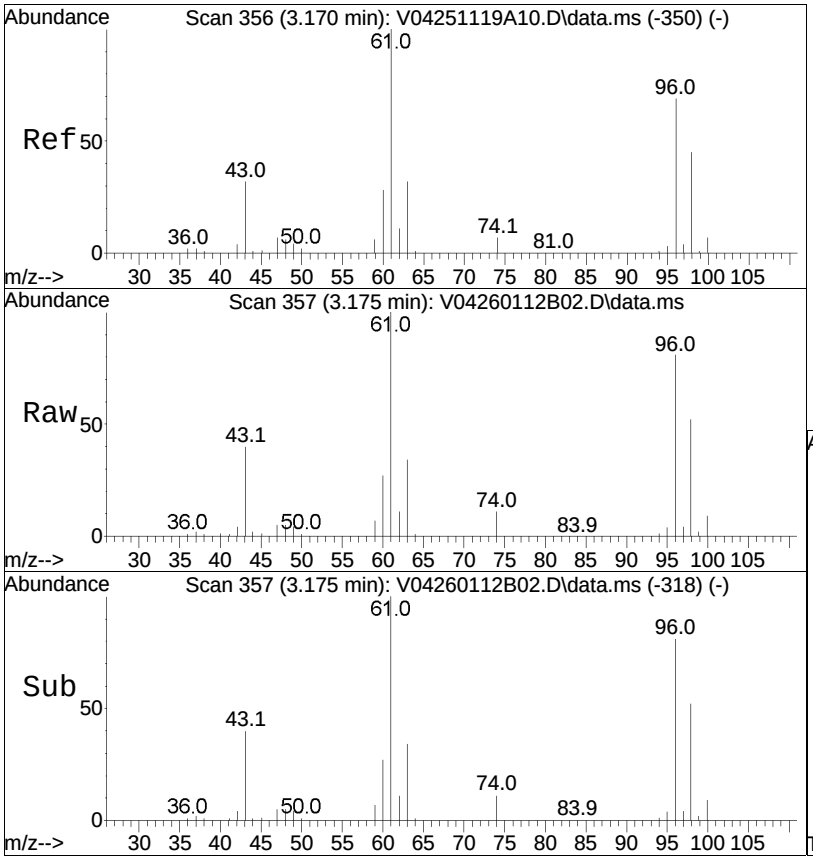


#18
trans-1,2-Dichloroethene
Concen: 44.45 ug/L
RT: 3.165 min Scan# 355
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 96 Resp: 206594

Ion	Ratio	Lower	Upper
96	100		
61	133.6	103.7	215.3
98	64.0	41.0	85.0
63	43.3	32.1	66.7

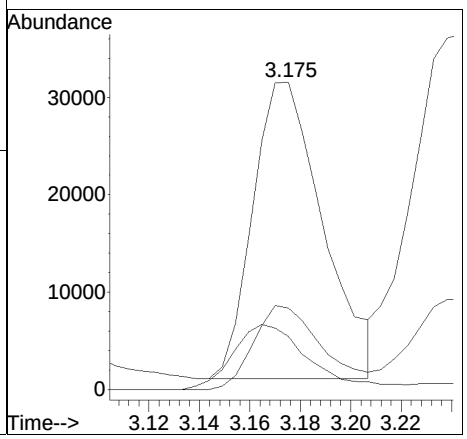


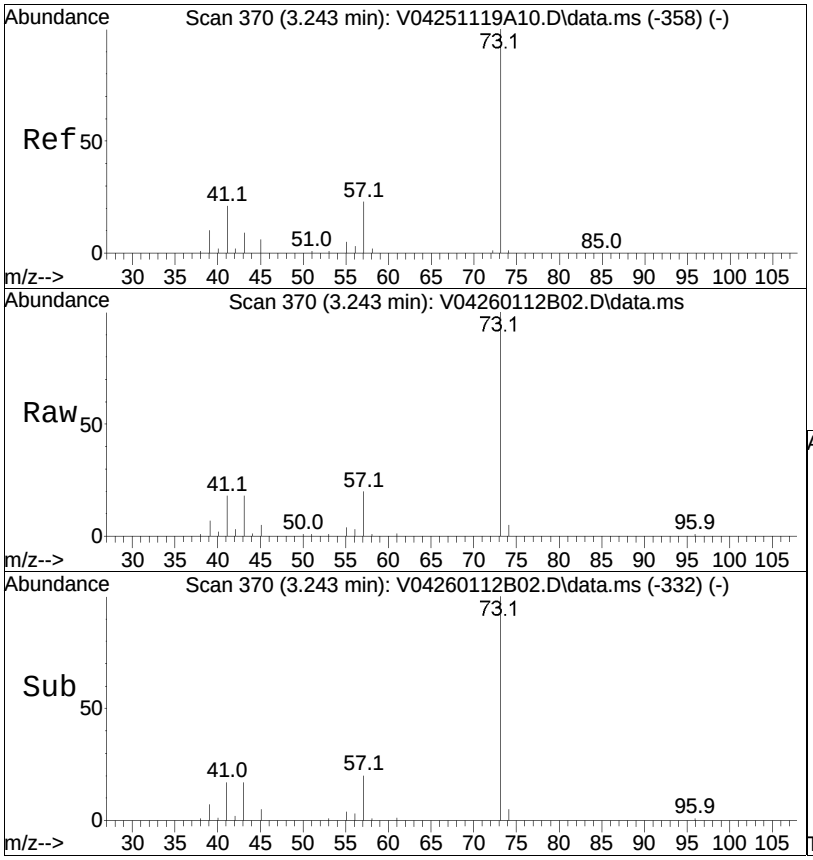


#19
Methyl acetate
Concen: 33.84 ug/L
RT: 3.175 min Scan# 357
Delta R.T. 0.005 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 43 Resp: 58880

Ion	Ratio	Lower	Upper
43	100		
74	27.6	16.2	24.2#
59	23.6	13.7	20.5#

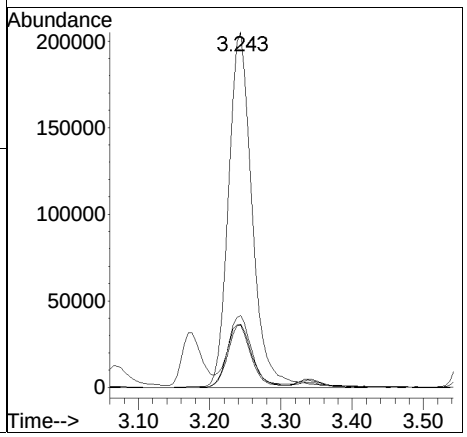


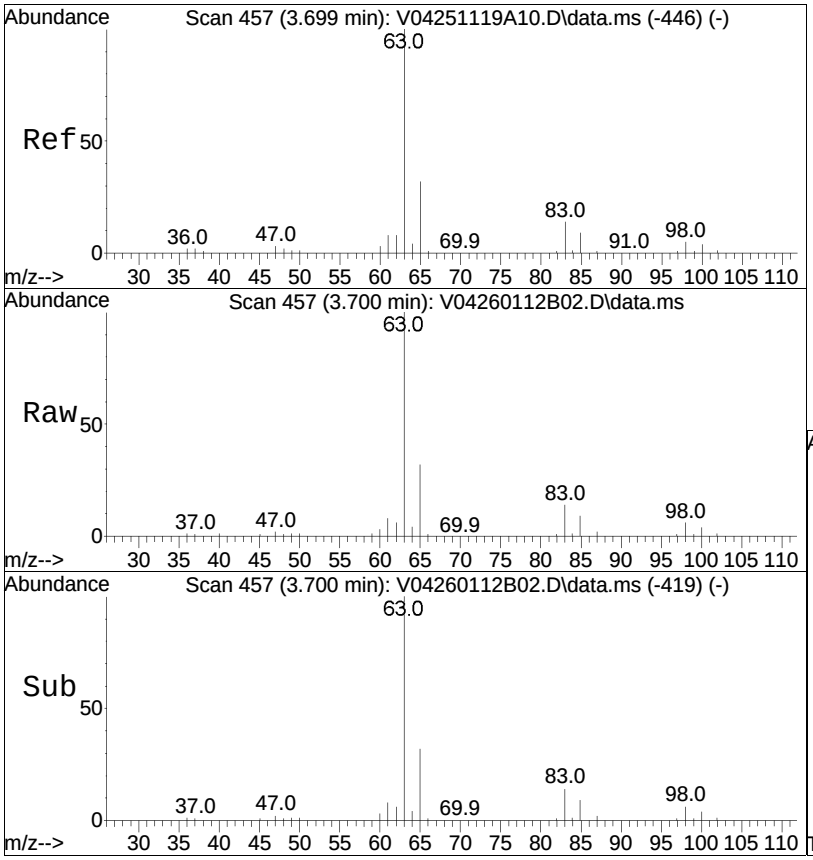


#20
Methyl tert-butyl ether
Concen: 41.34 ug/L
RT: 3.243 min Scan# 370
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 73 Resp: 476447

Ion	Ratio	Lower	Upper
73	100		
57	20.3	16.3	33.9
43	18.2	14.7	30.5
41	16.8	15.4	32.0

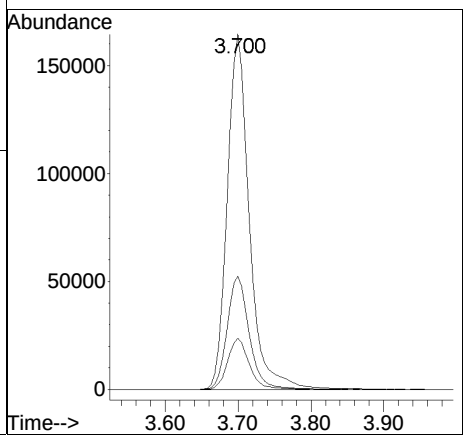


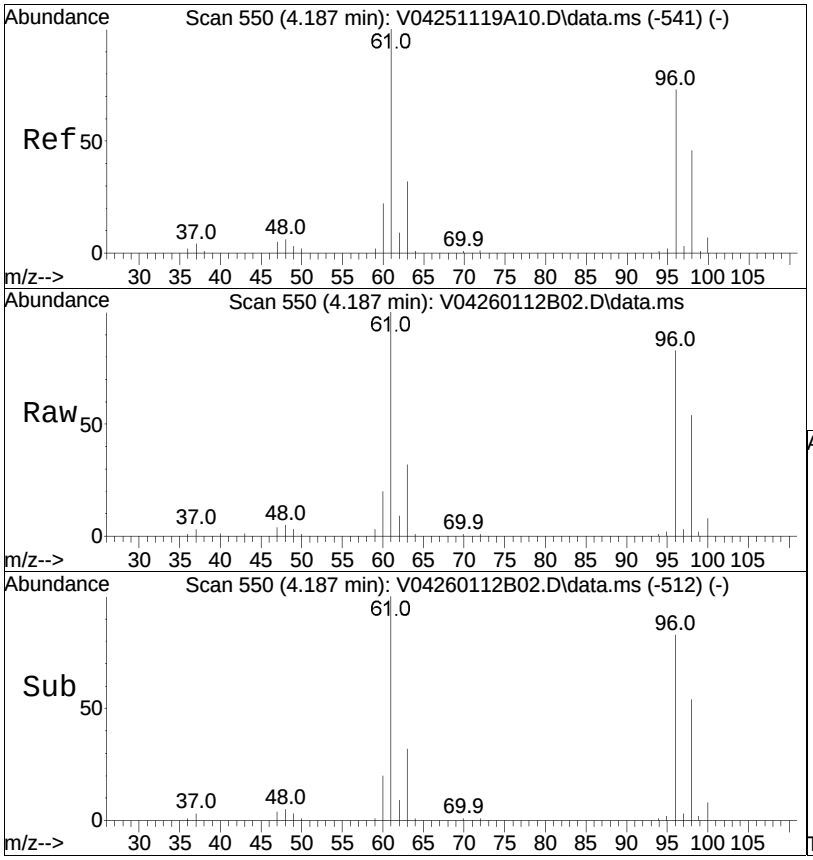


#23
1,1-Dichloroethane
Concen: 39.83 ug/L
RT: 3.700 min Scan# 457
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 63 Resp: 346859

Ion	Ratio	Lower	Upper
63	100		
65	31.8	10.4	50.4
83	14.1	0.0	32.2

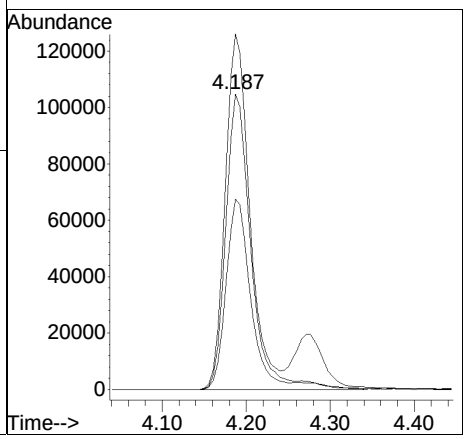


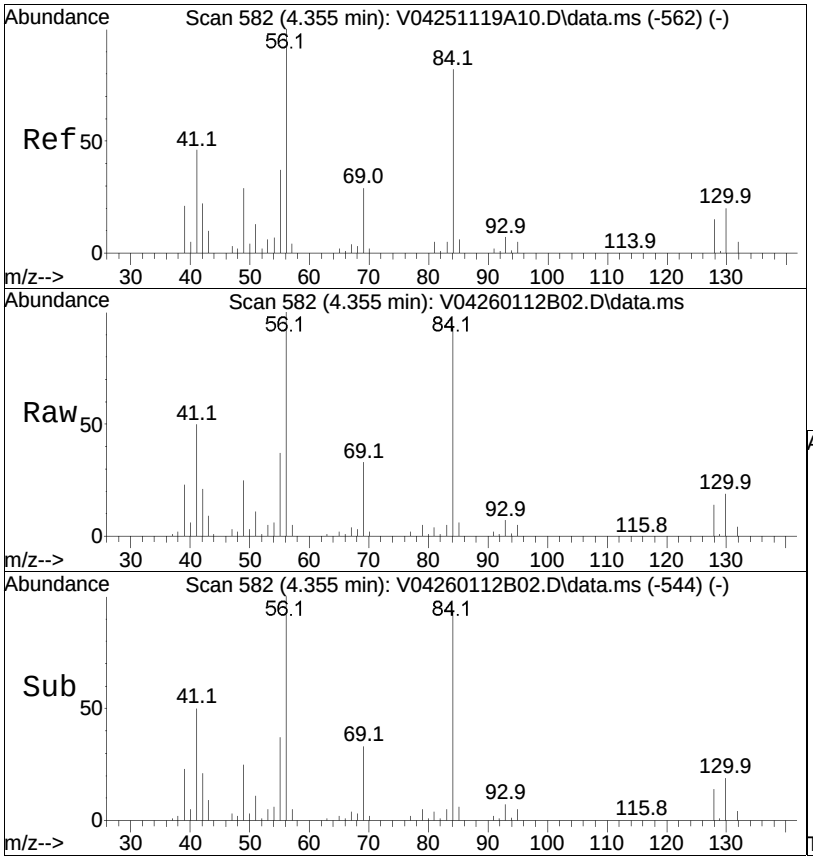


#28
cis-1,2-Dichloroethene
Concen: 41.88 ug/L
RT: 4.187 min Scan# 550
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 96 Resp: 219933

Ion	Ratio	Lower	Upper
96	100		
61	115.8	114.4	171.6
98	62.2	51.3	76.9

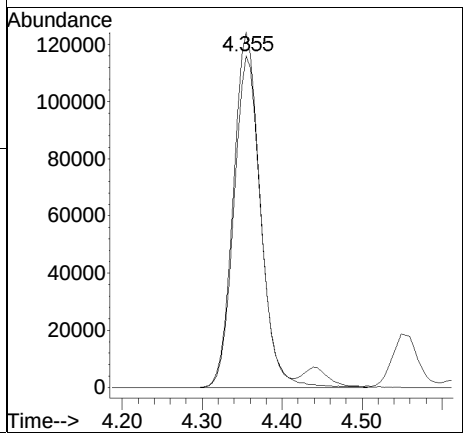


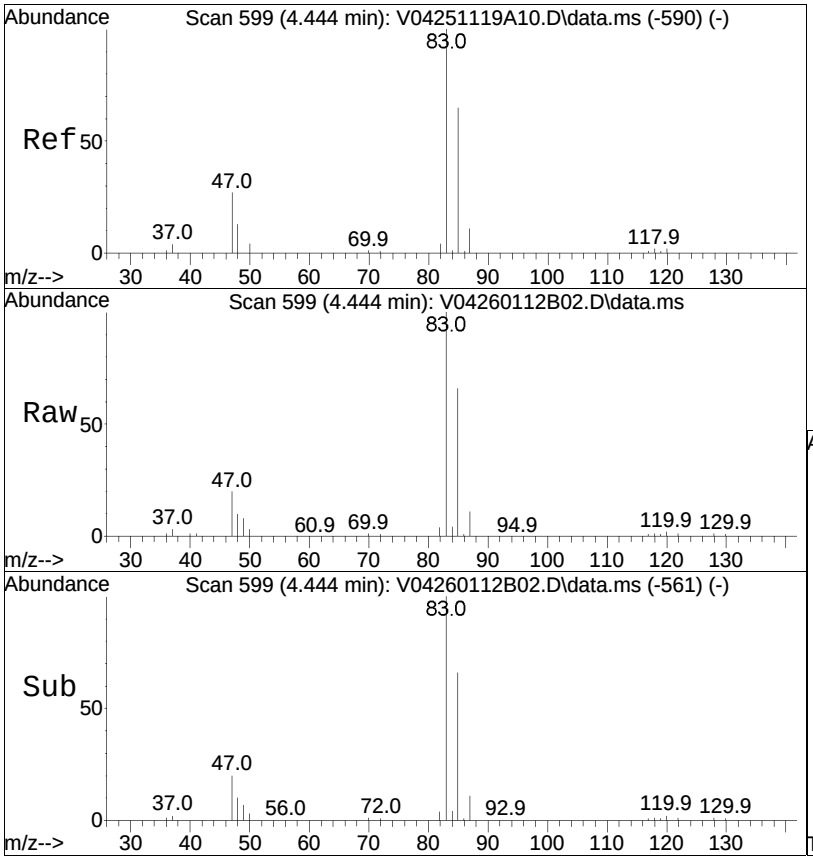


#31
Cyclohexane
Concen: 41.16 ug/L
RT: 4.355 min Scan# 582
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 56 Resp: 291434

Ion	Ratio	Lower	Upper
56	100		
84	92.3	48.2	100.2

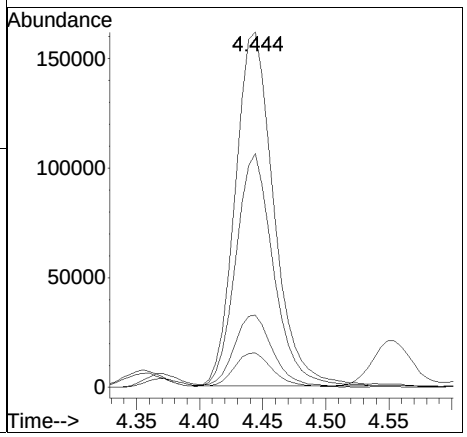


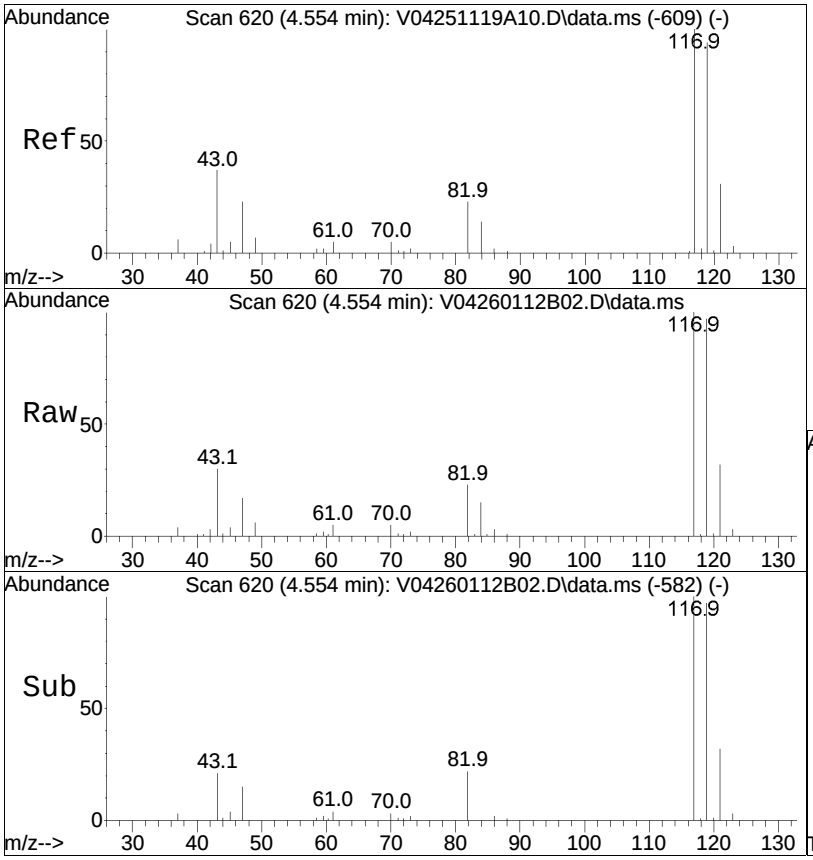


#32
Chloroform
Concen: 41.76 ug/L
RT: 4.444 min Scan# 599
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 83 Resp: 344560

Ion	Ratio	Lower	Upper
83	100		
85	65.4	41.9	87.1
47	19.3	16.7	34.7
48	9.6	7.9	16.3

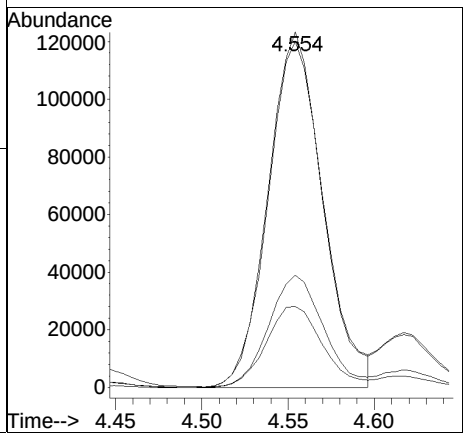


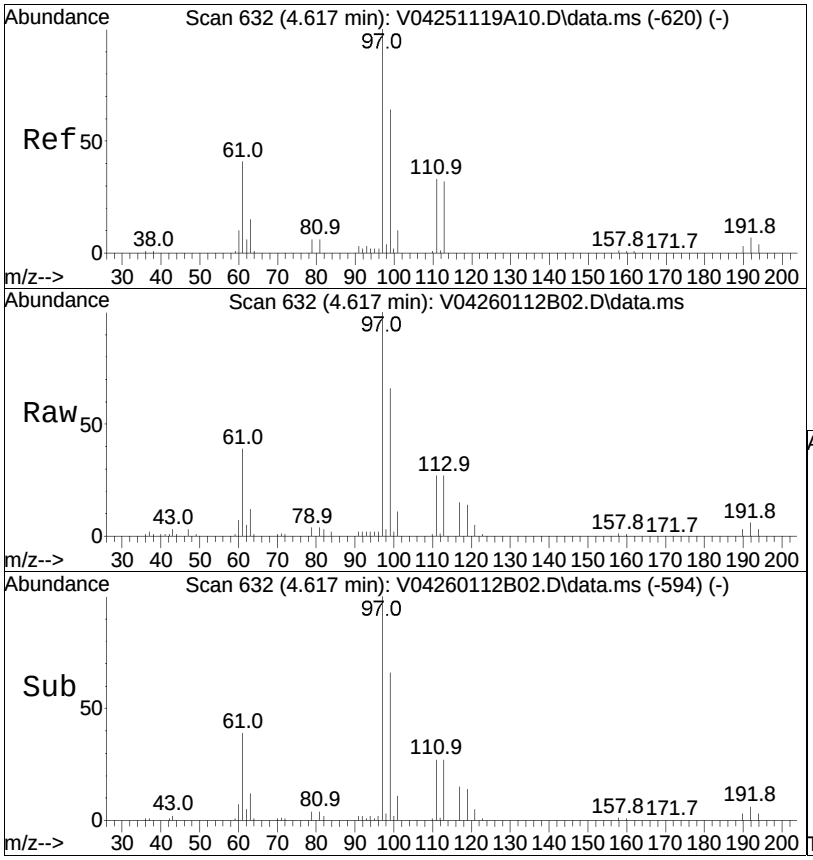


#34
Carbon tetrachloride
Concen: 40.89 ug/L
RT: 4.554 min Scan# 620
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion:117 Resp: 273075

Ion	Ratio	Lower	Upper
117	100		
119	97.5	62.9	130.7
121	31.6	20.2	42.0
82	23.4	14.9	30.9

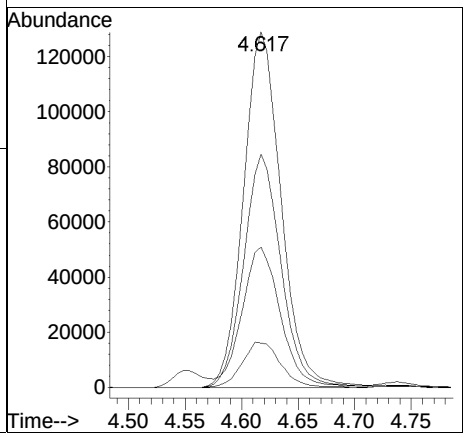


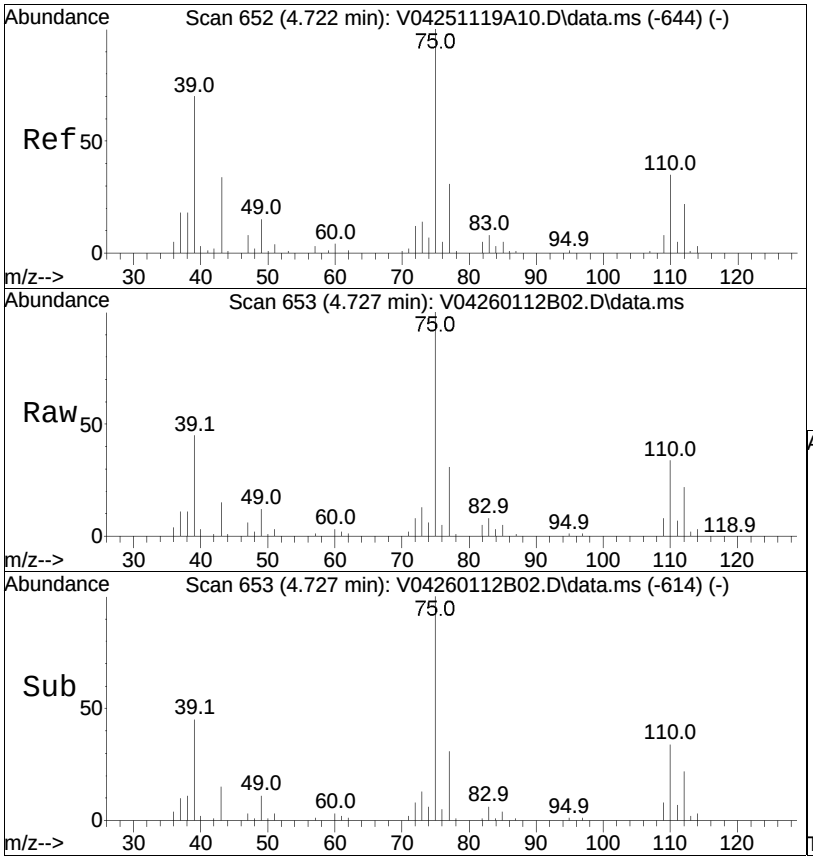


#37
1,1,1-Trichloroethane
Concen: 43.10 ug/L
RT: 4.617 min Scan# 632
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 97 Resp: 299149

Ion	Ratio	Lower	Upper
97	100		
99	65.3	41.7	86.7
61	40.1	30.9	64.3
63	13.0	9.6	20.0

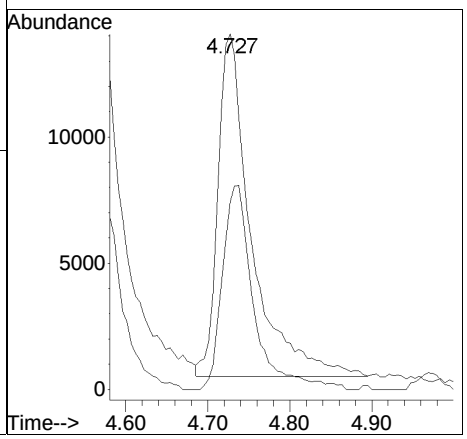


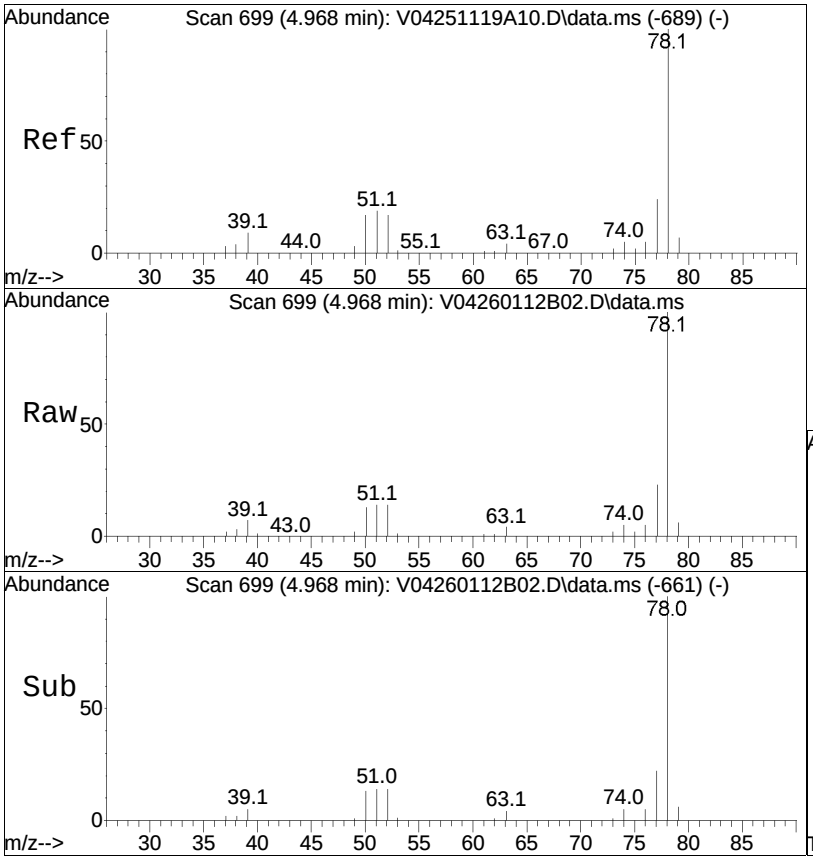


#39
2-Butanone
Concen: 31.64 ug/L
RT: 4.727 min Scan# 653
Delta R.T. 0.005 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 43 Resp: 38363

Ion	Ratio	Lower	Upper
43	100		
72	55.8	25.8	38.8#

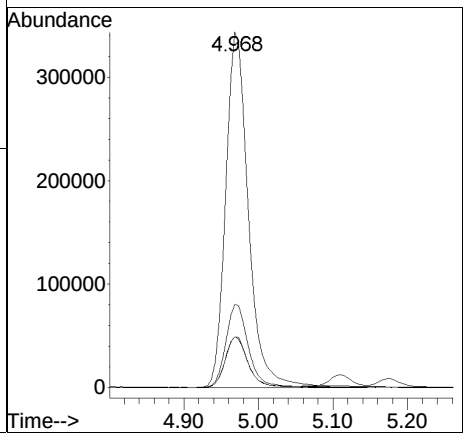


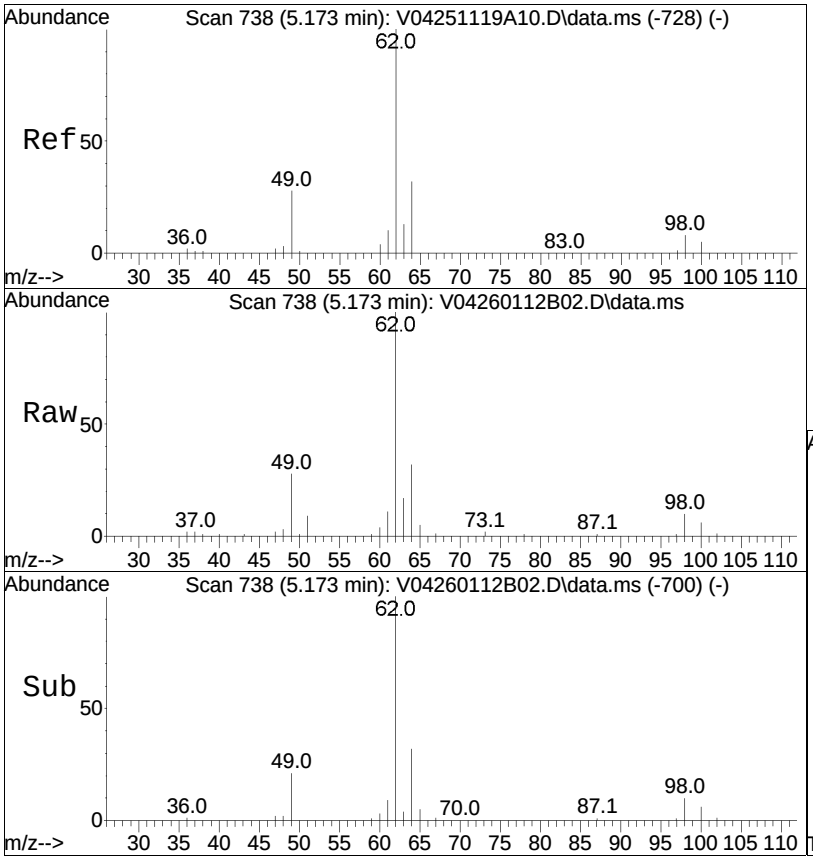


#41
Benzene
Concen: 44.76 ug/L
RT: 4.968 min Scan# 699
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 78 Resp: 730643

Ion	Ratio	Lower	Upper
78	100		
77	23.3	15.1	31.3
51	14.2	12.2	25.4
52	14.1	11.9	24.7

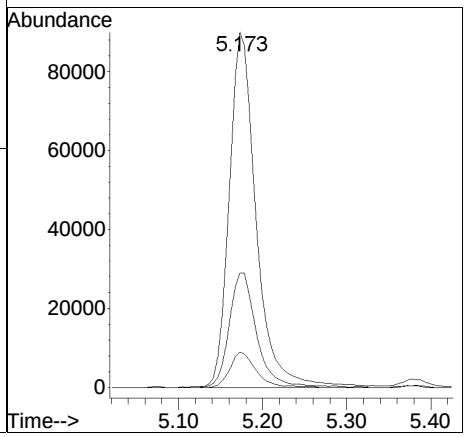


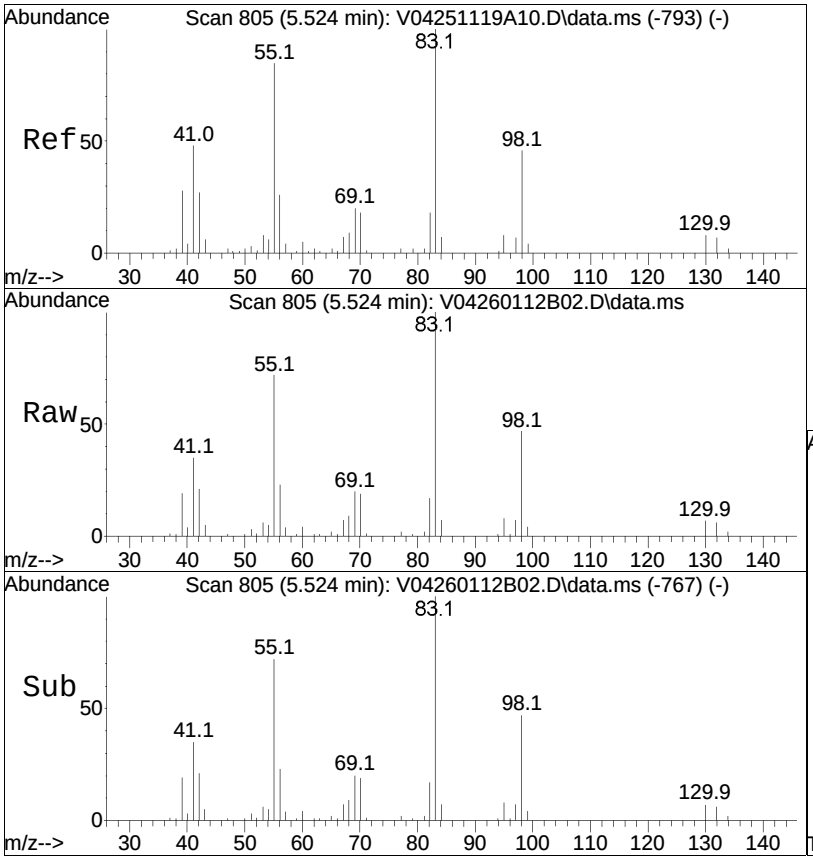


#44
1,2-Dichloroethane
Concen: 34.70 ug/L
RT: 5.173 min Scan# 738
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 62 Resp: 200586

Ion	Ratio	Lower	Upper
62	100		
64	33.0	11.3	51.3
98	9.7	0.0	27.5

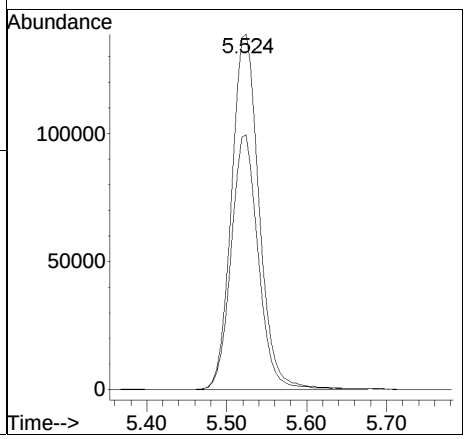


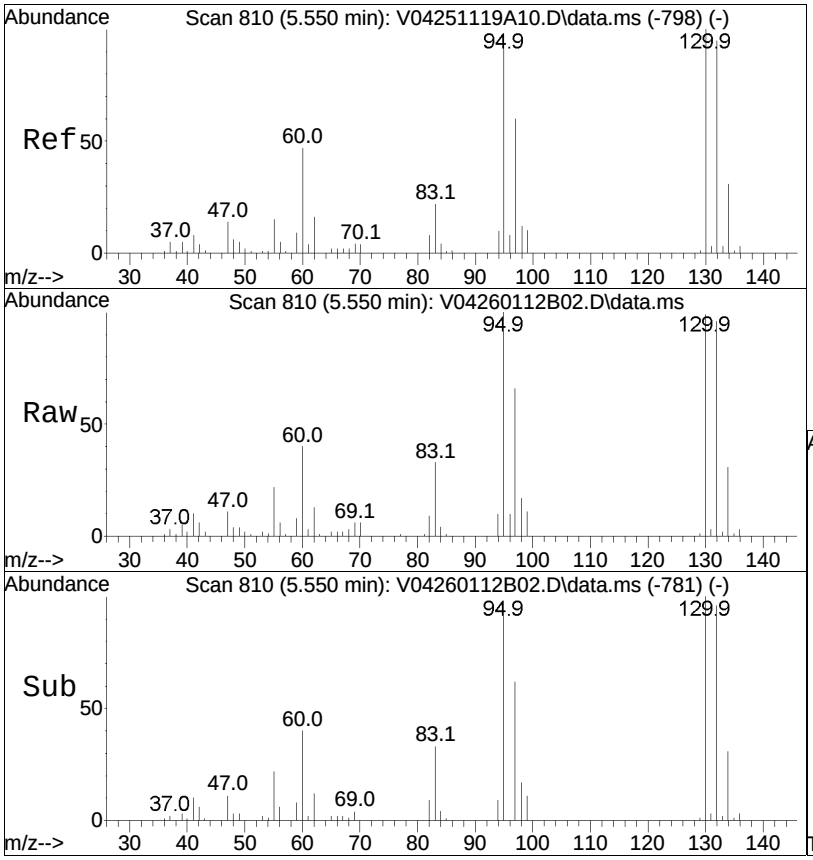


#47
Methyl cyclohexane
Concen: 48.65 ug/L
RT: 5.524 min Scan# 805
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 83 Resp: 332679

Ion	Ratio	Lower	Upper
83	100		
55	70.5	73.0	109.4#

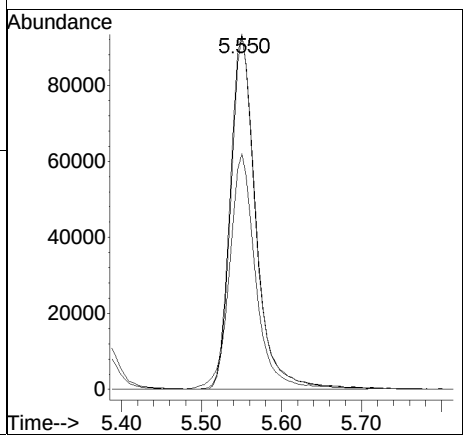


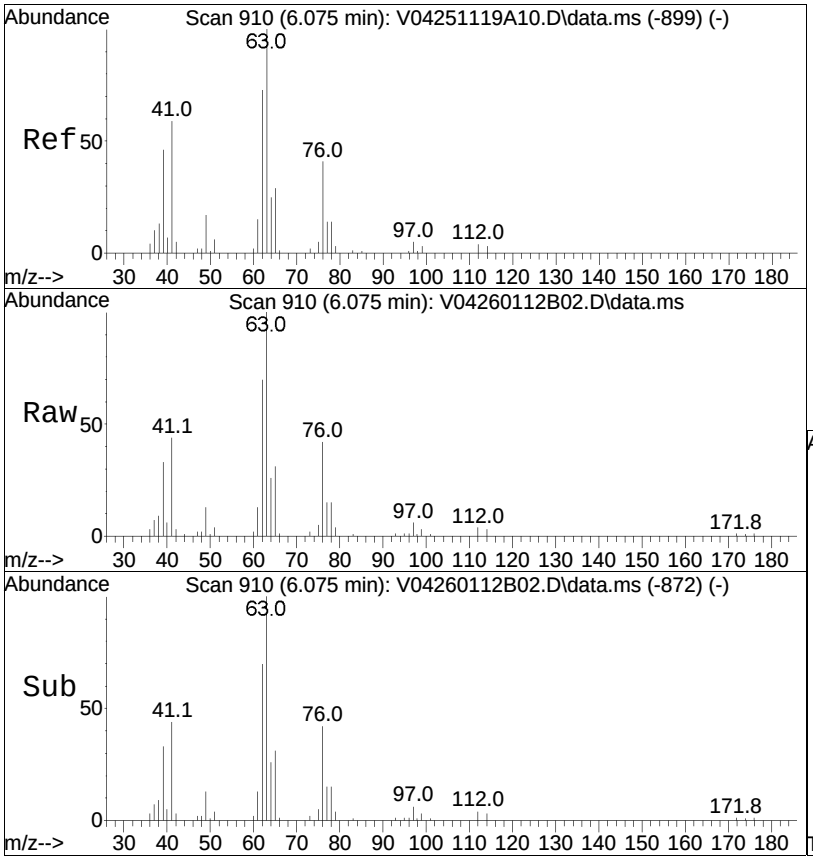


#48
Trichloroethene
Concen: 48.00 ug/L
RT: 5.550 min Scan# 810
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 95 Resp: 208484

Ion	Ratio	Lower	Upper
95	100		
97	68.3	53.9	80.9
130	97.7	83.1	124.7

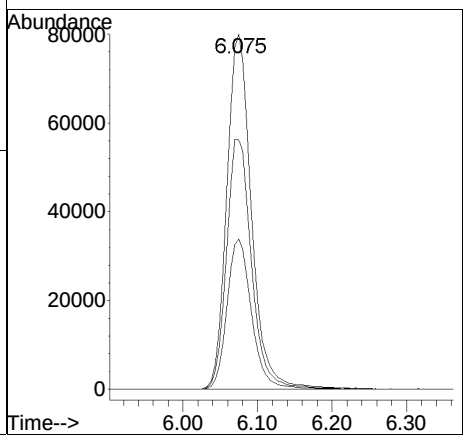


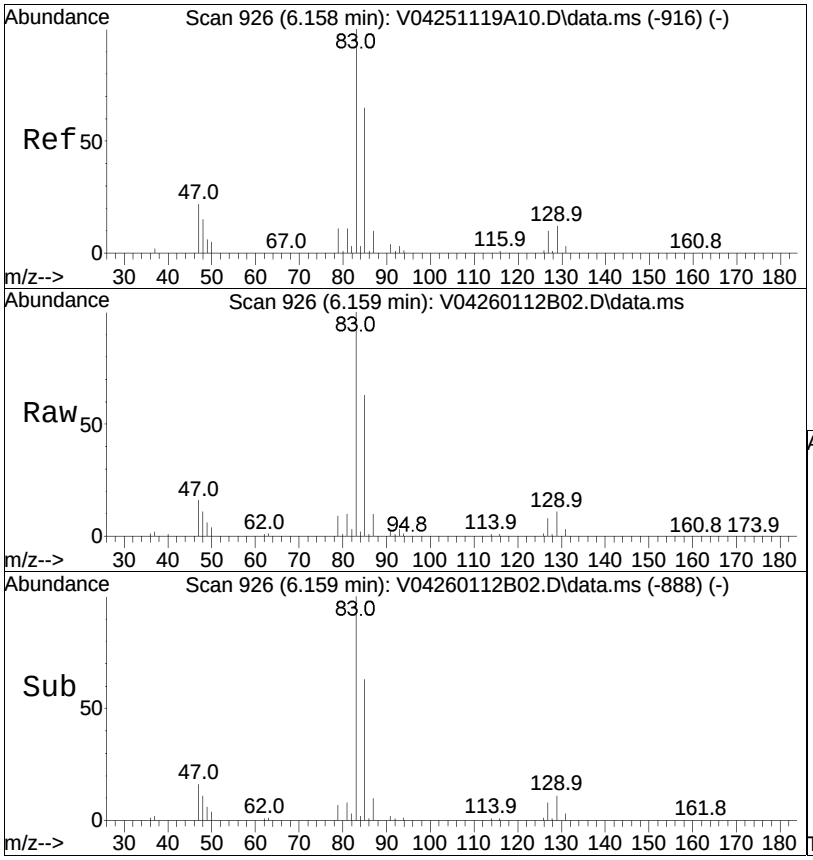


#51
1,2-Dichloropropane
Concen: 39.17 ug/L
RT: 6.075 min Scan# 910
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 63 Resp: 185338

Ion	Ratio	Lower	Upper
63	100		
62	71.5	58.2	87.2
76	42.0	31.4	47.2

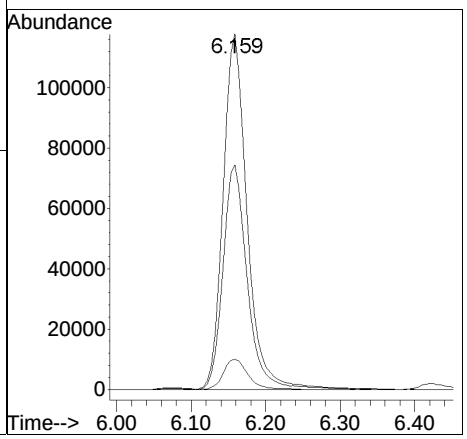


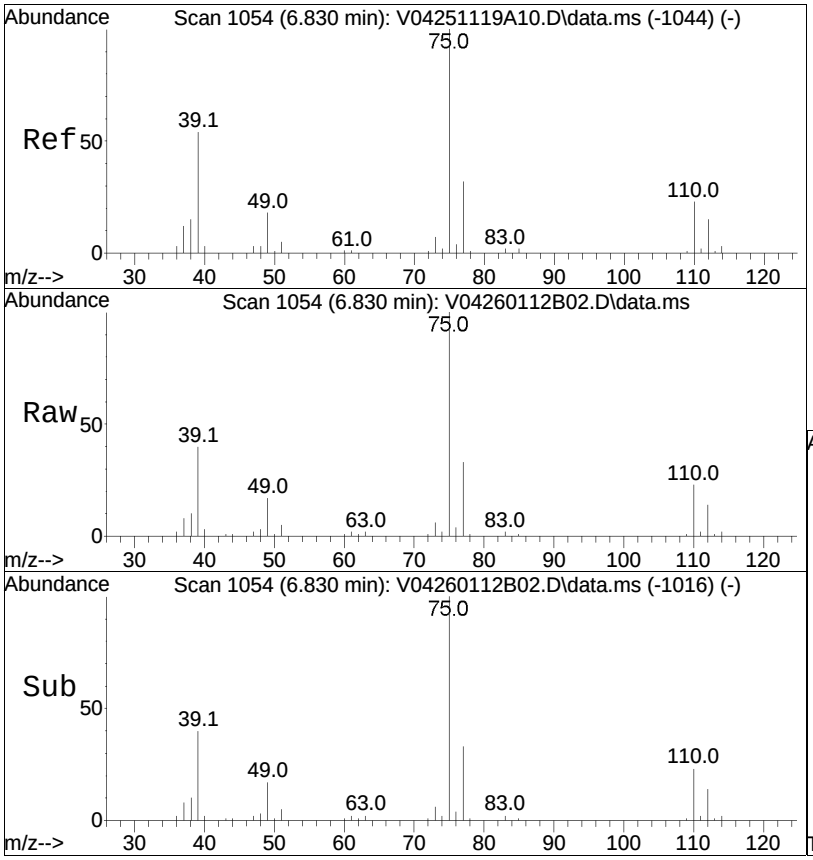


#54
Bromodichloromethane
Concen: 40.99 ug/L
RT: 6.159 min Scan# 926
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 83 Resp: 264538

Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.2	76.8
127	8.6	7.3	10.9

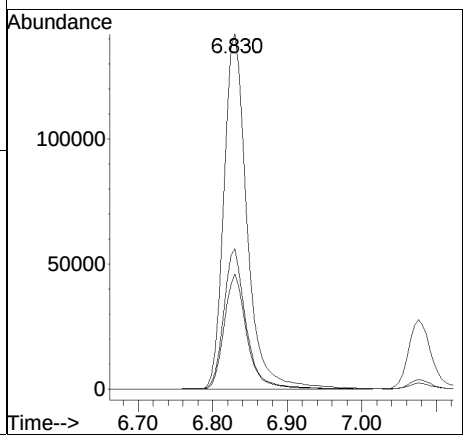


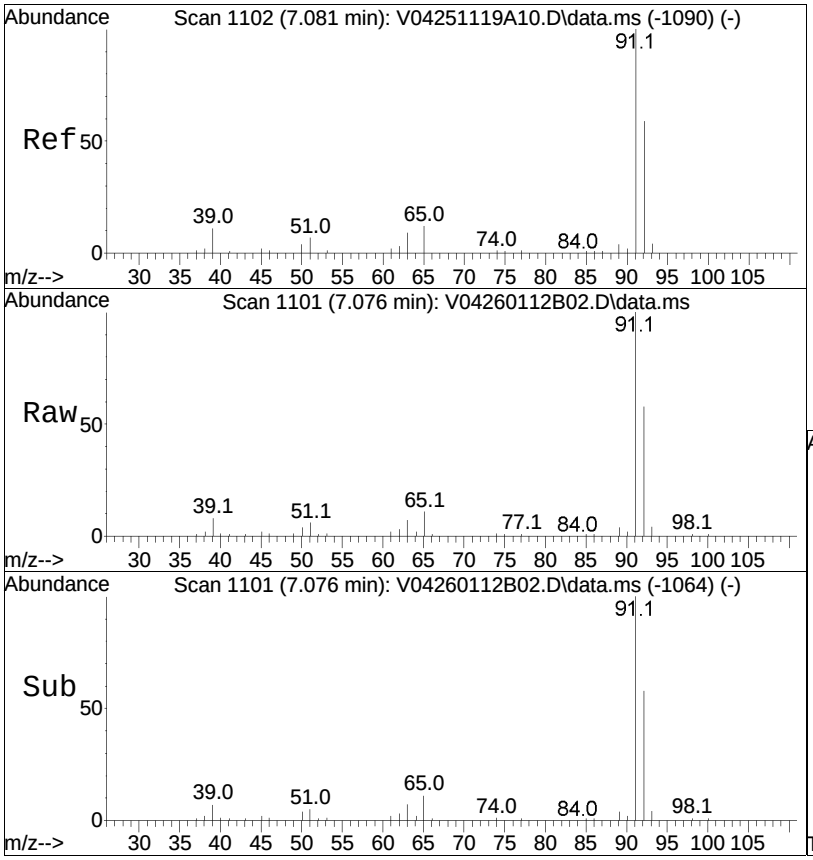


#58
cis-1,3-Dichloropropene
Concen: 44.30 ug/L
RT: 6.830 min Scan# 1054
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 75 Resp: 308494

Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.3	37.9
39	38.8	40.2	60.2#

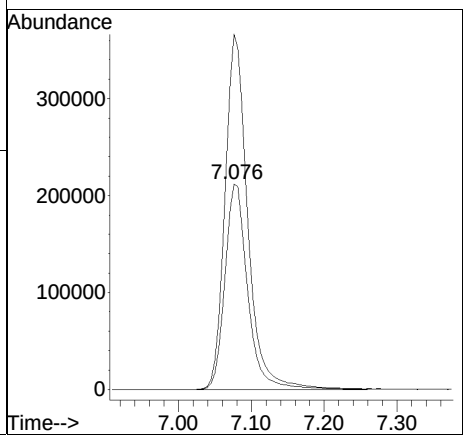


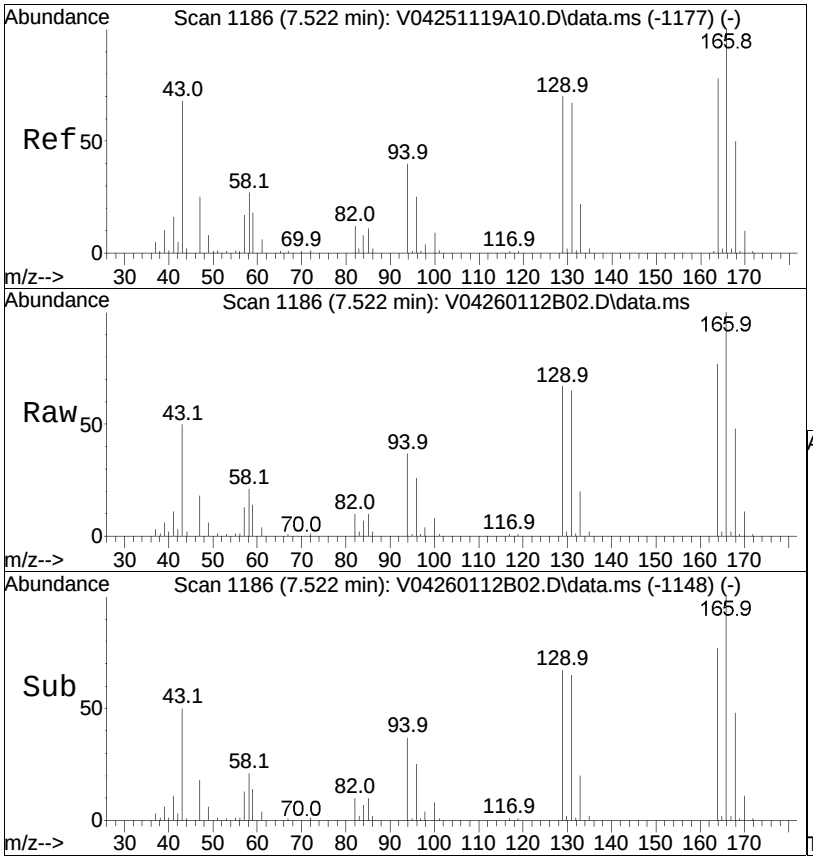


#61
Toluene
Concen: 45.30 ug/L
RT: 7.076 min Scan# 1101
Delta R.T. -0.005 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 92 Resp: 461149

Ion	Ratio	Lower	Upper
92	100		
91	172.0	135.8	203.6

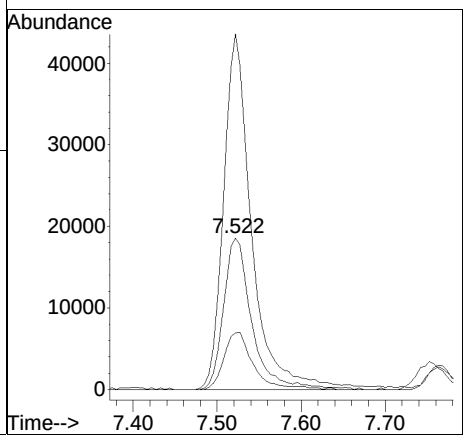


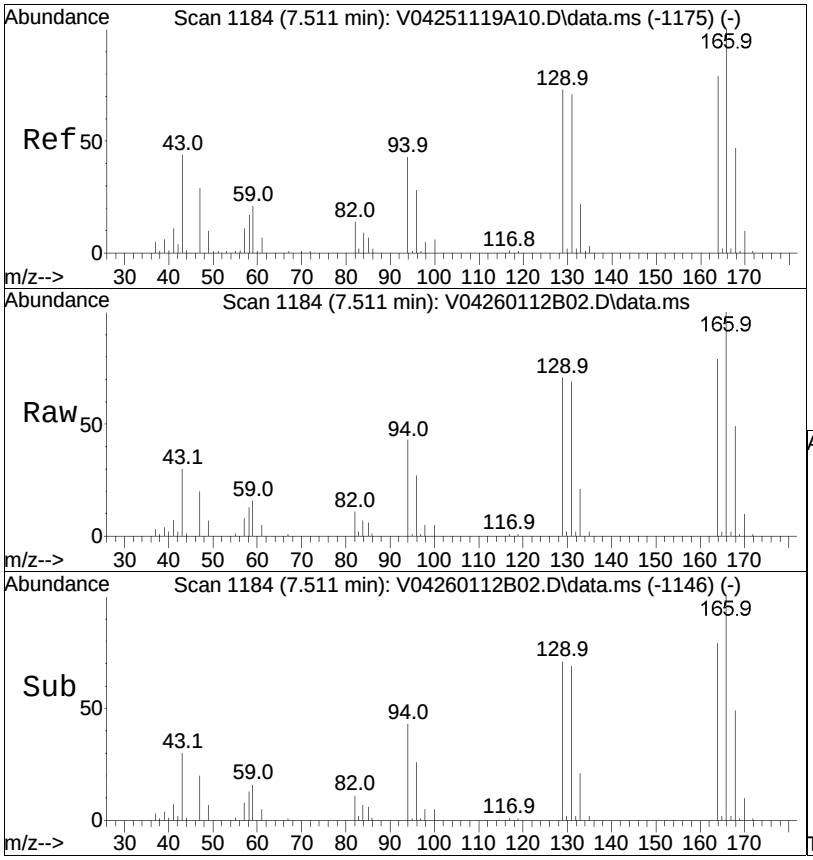


#62
4-Methyl-2-pentanone
Concen: 38.97 ug/L
RT: 7.522 min Scan# 1186
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 58 Resp: 43485

Ion	Ratio	Lower	Upper
58	100		
100	38.8	25.6	38.4#
43	233.0	195.7	293.5

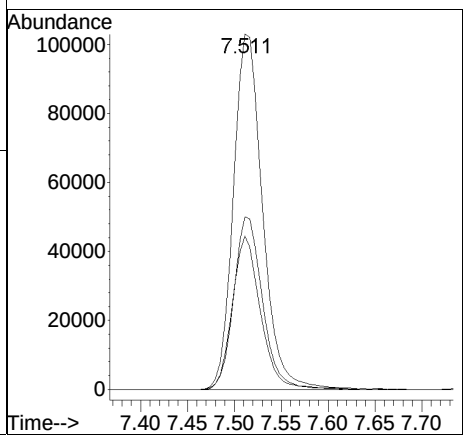


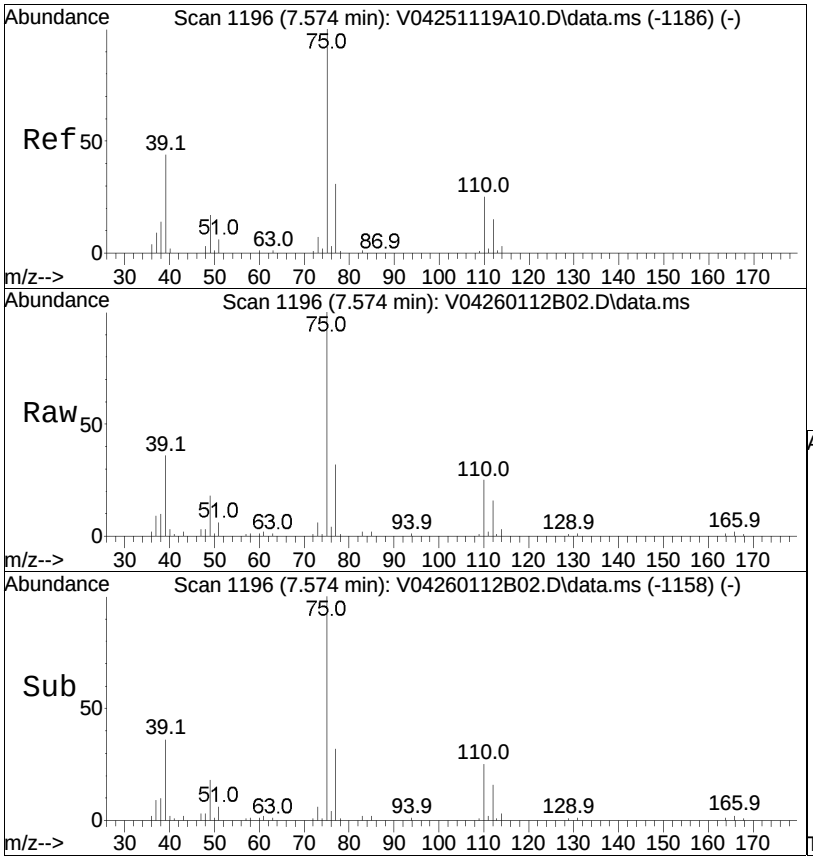


#63
Tetrachloroethene
Concen: 46.28 ug/L
RT: 7.511 min Scan# 1184
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion:166 Resp: 223331

Ion	Ratio	Lower	Upper
166	100		
168	48.0	27.6	67.6
94	41.6	20.9	60.9

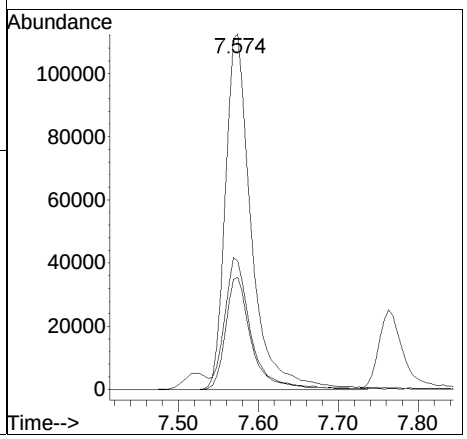


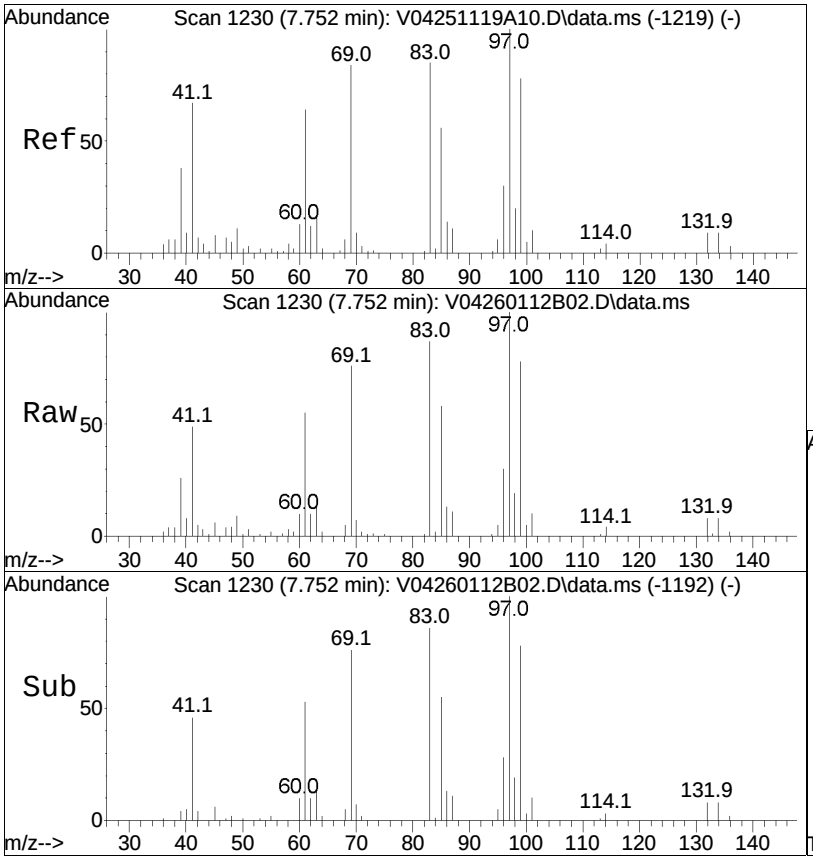


#65
trans-1,3-Dichloropropene
Concen: 46.03 ug/L
RT: 7.574 min Scan# 1196
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 75 Resp: 254291

Ion	Ratio	Lower	Upper
75	100		
77	31.3	12.0	52.0
39	36.6	29.3	69.3

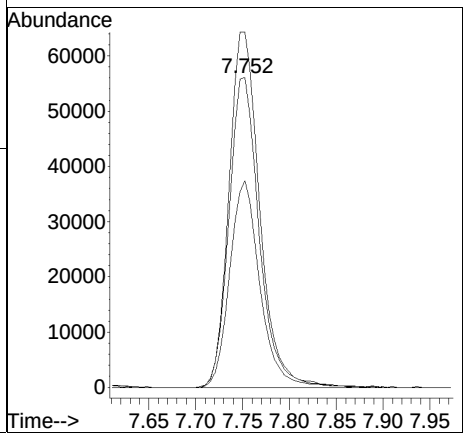


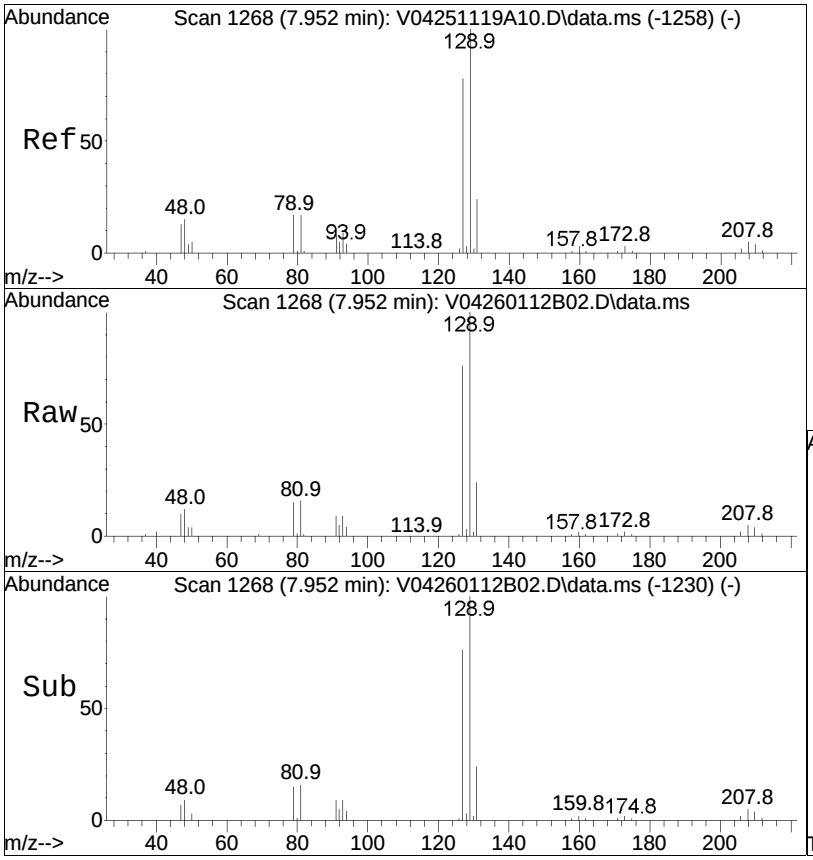


#68
1,1,2-Trichloroethane
Concen: 41.96 ug/L
RT: 7.752 min Scan# 1230
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 83 Resp: 126708

Ion	Ratio	Lower	Upper
83	100		
97	116.2	99.3	139.3
85	66.4	47.8	87.8

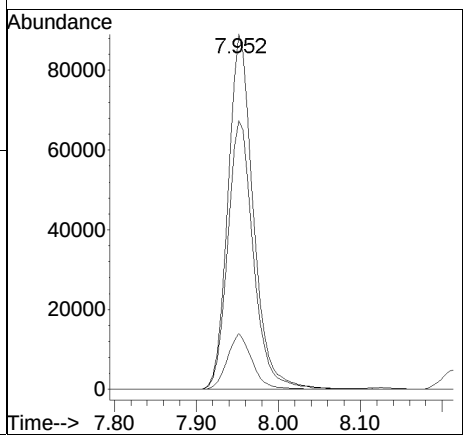


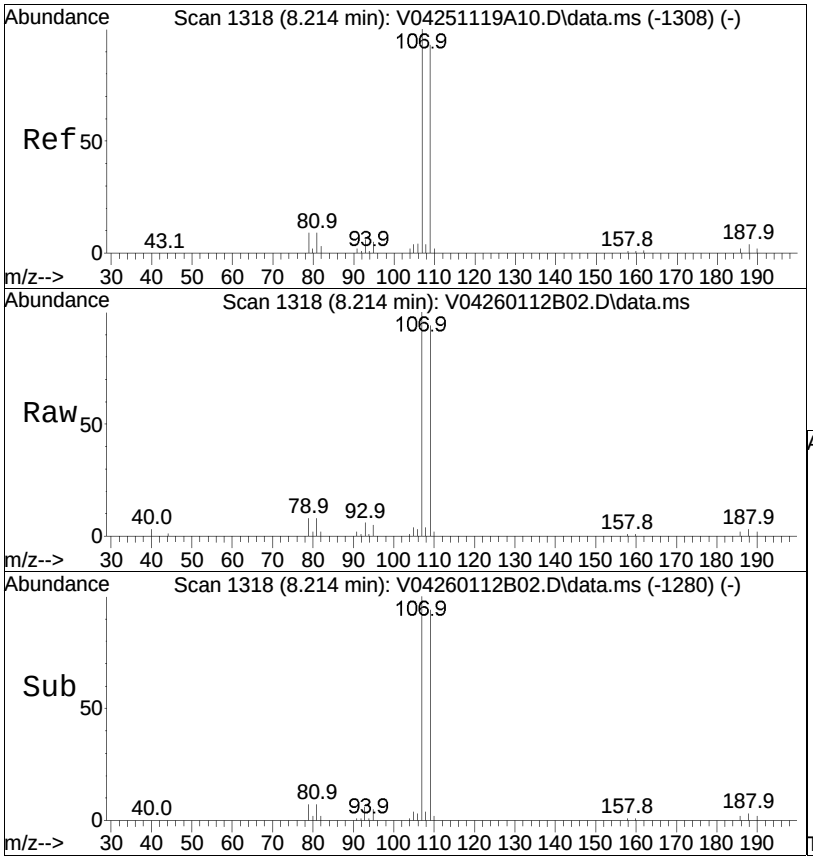


#69
Chlorodibromomethane
Concen: 40.97 ug/L
RT: 7.952 min Scan# 1268
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion:129 Resp: 191294

Ion	Ratio	Lower	Upper
129	100		
81	15.4	0.0	34.6
127	76.9	56.9	96.9

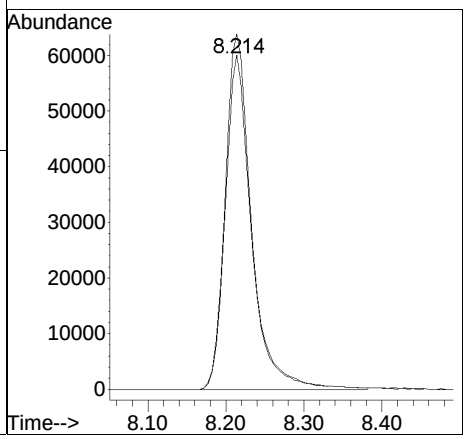


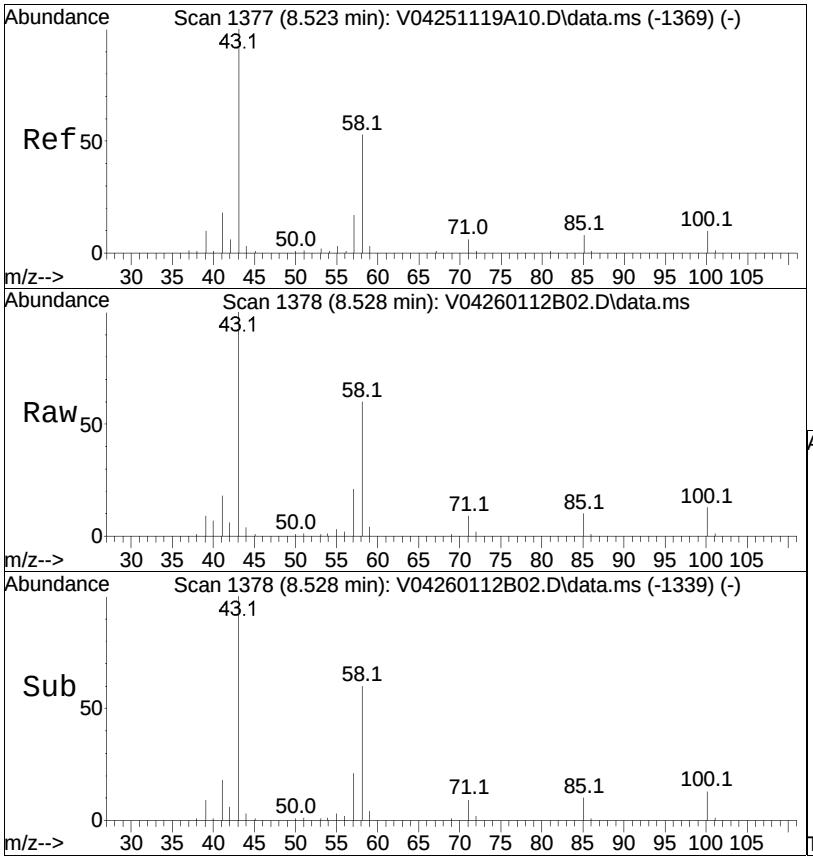


#71
1,2-Dibromoethane
Concen: 45.36 ug/L
RT: 8.214 min Scan# 1318
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion:107 Resp: 150791

Ion	Ratio	Lower	Upper
107	100		
109	93.1	75.4	113.0

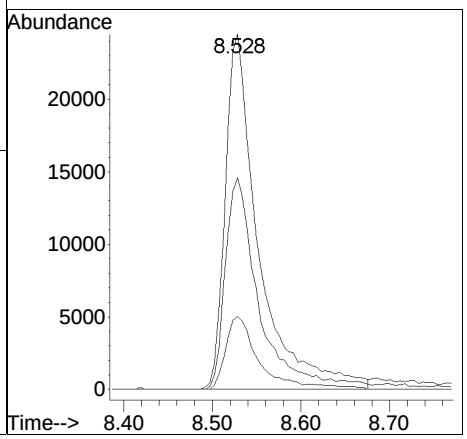


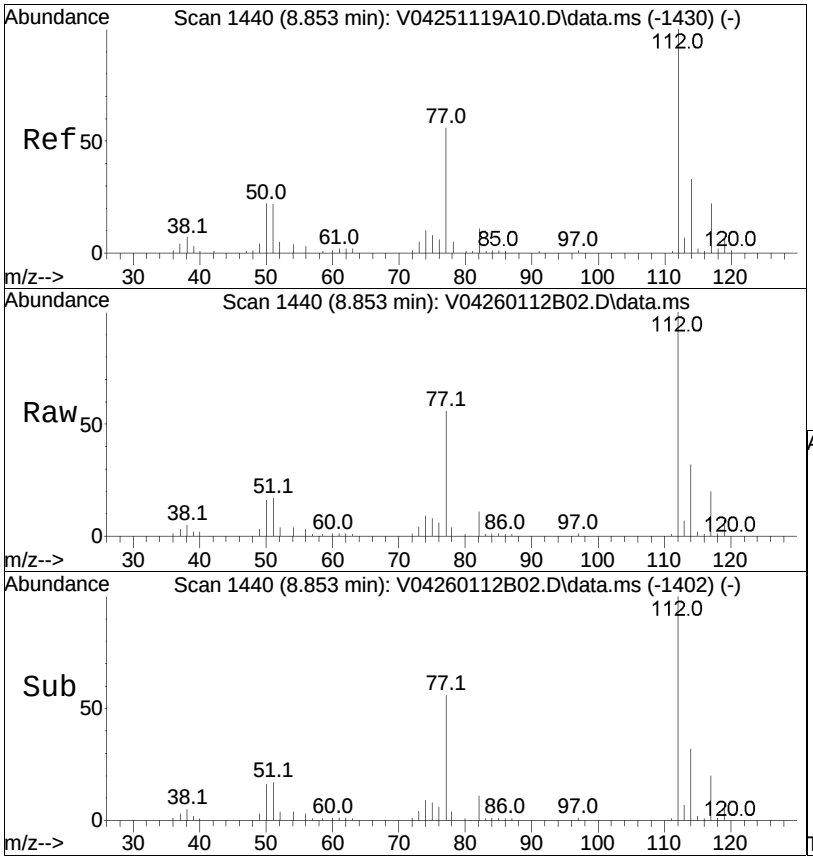


#72
2-Hexanone
Concen: 33.85 ug/L
RT: 8.528 min Scan# 1378
Delta R.T. 0.005 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 43 Resp: 64266

Ion	Ratio	Lower	Upper
43	100		
58	60.6	44.7	67.1
57	20.4	15.4	23.0

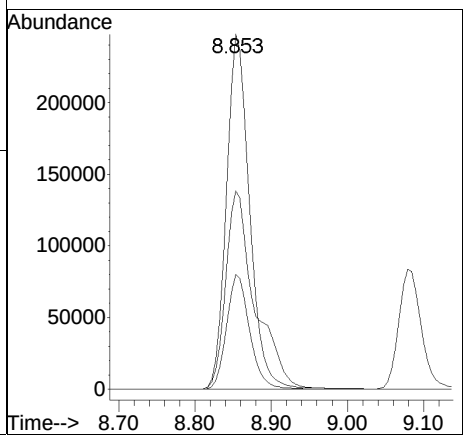


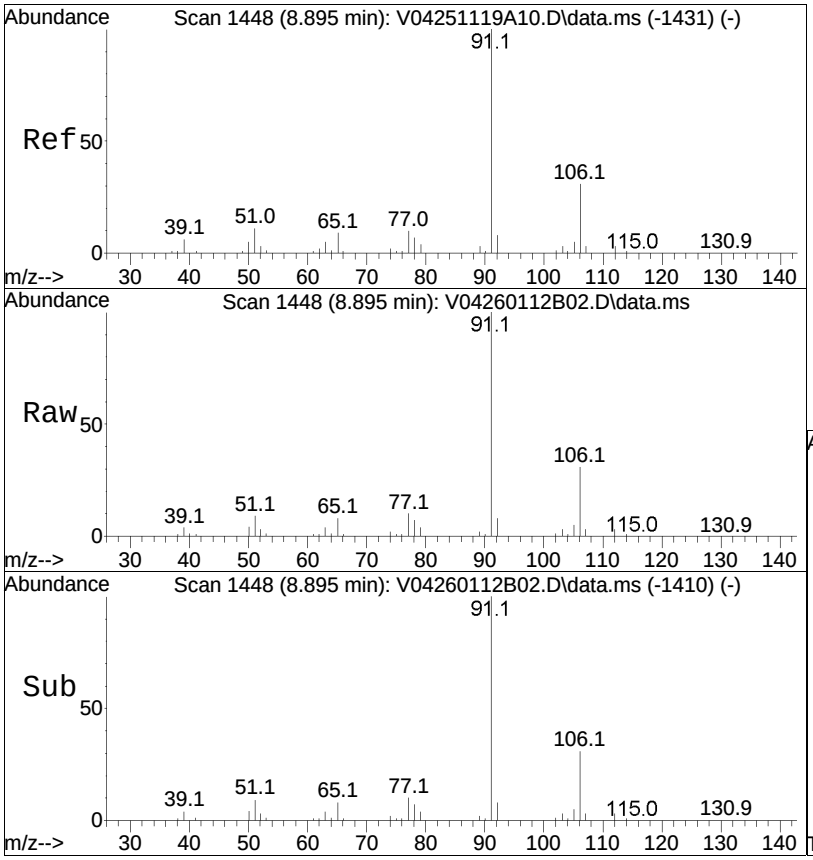


#73
Chlorobenzene
Concen: 45.89 ug/L
RT: 8.853 min Scan# 1440
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion:112 Resp: 524486

Ion	Ratio	Lower	Upper
112	100		
77	70.7	55.3	82.9
114	32.3	25.5	38.3

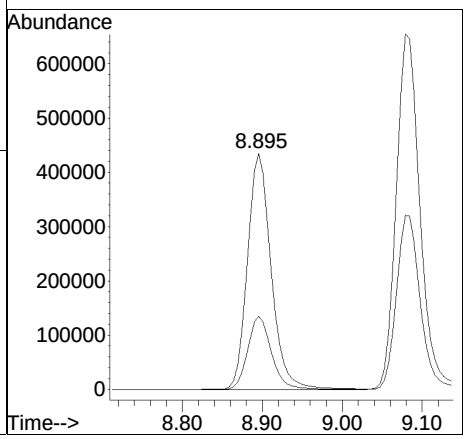


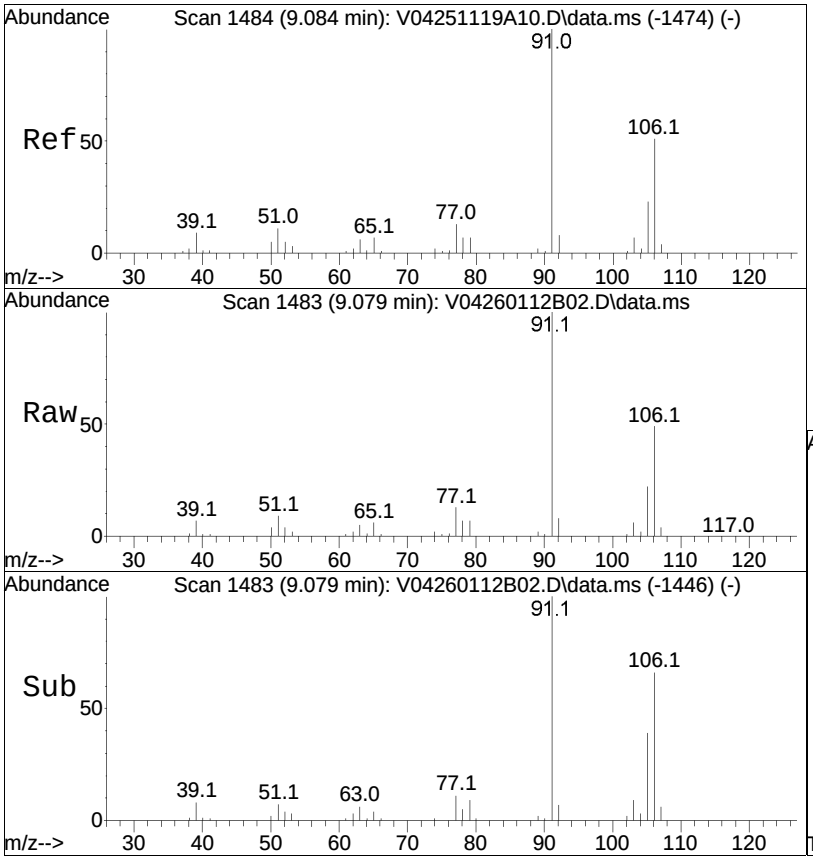


#74
Ethylbenzene
Concen: 48.95 ug/L
RT: 8.895 min Scan# 1448
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 91 Resp: 894534

Ion	Ratio	Lower	Upper
91	100		
106	30.9	25.4	38.2

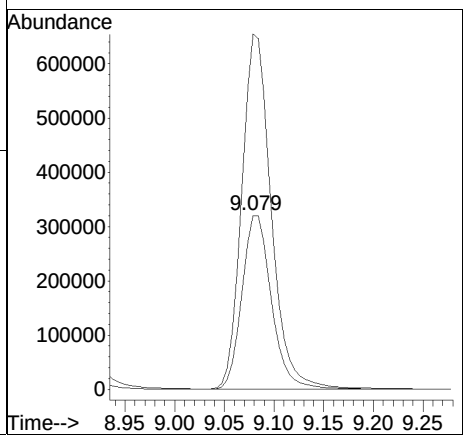


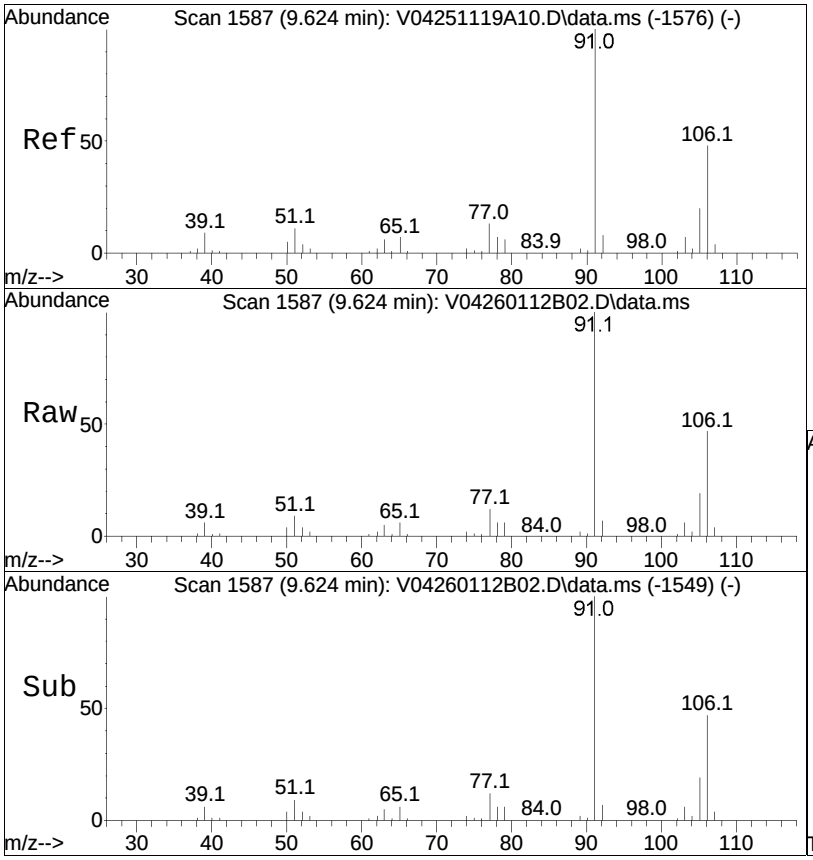


#76
p/m Xylene
Concen: 95.50 ug/L
RT: 9.079 min Scan# 1483
Delta R.T. -0.005 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion:106 Resp: 662643

Ion	Ratio	Lower	Upper
106	100		
91	203.4	157.1	235.7

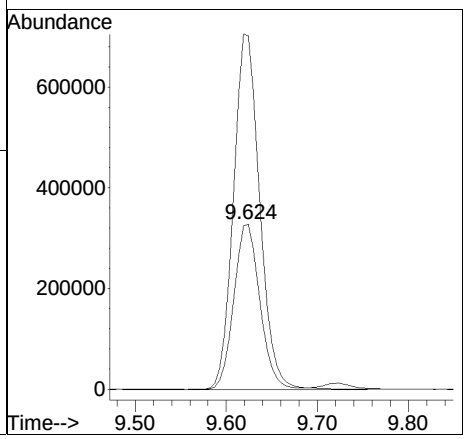


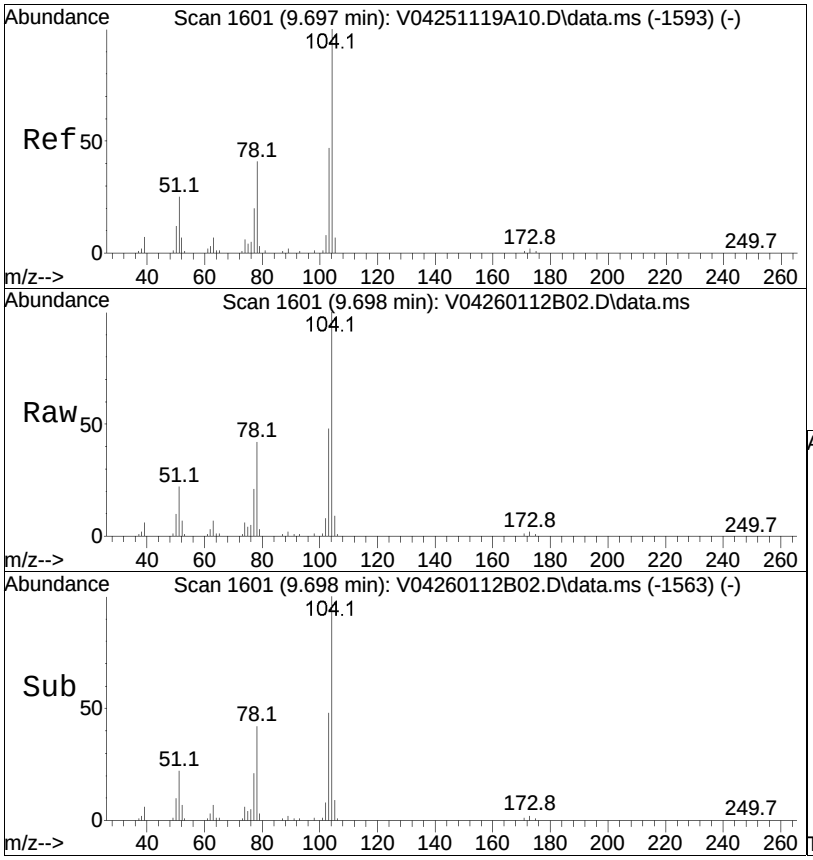


#77
o Xylene
Concen: 93.46 ug/L
RT: 9.624 min Scan# 1587
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion:106 Resp: 657730

Ion	Ratio	Lower	Upper
106	100		
91	214.0	165.9	248.9

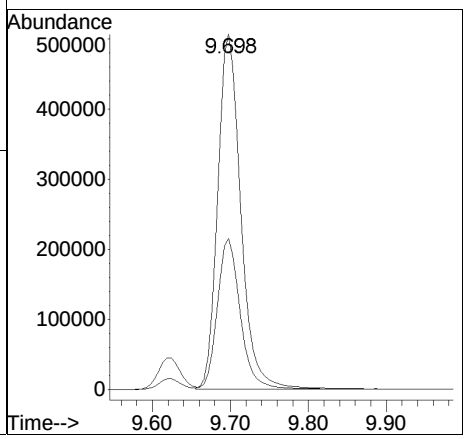


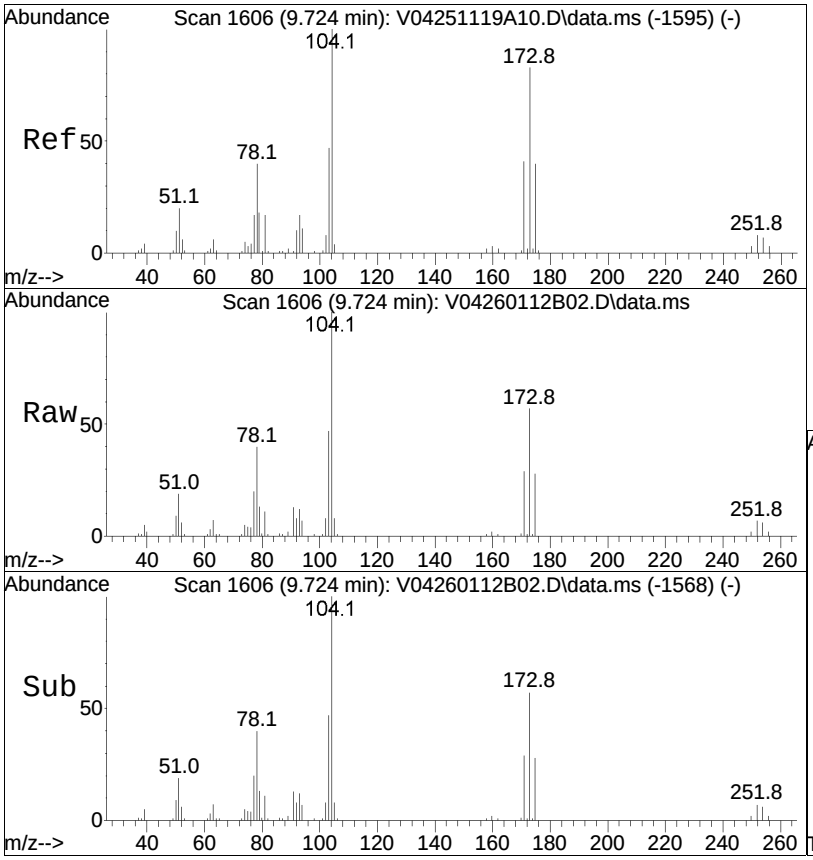


#78
Styrene
Concen: 91.18 ug/L
RT: 9.698 min Scan# 1601
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion:104 Resp: 1038500

Ion	Ratio	Lower	Upper
104	100		
78	42.3	33.0	49.4

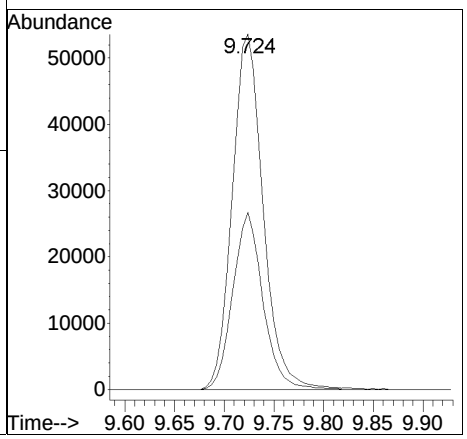


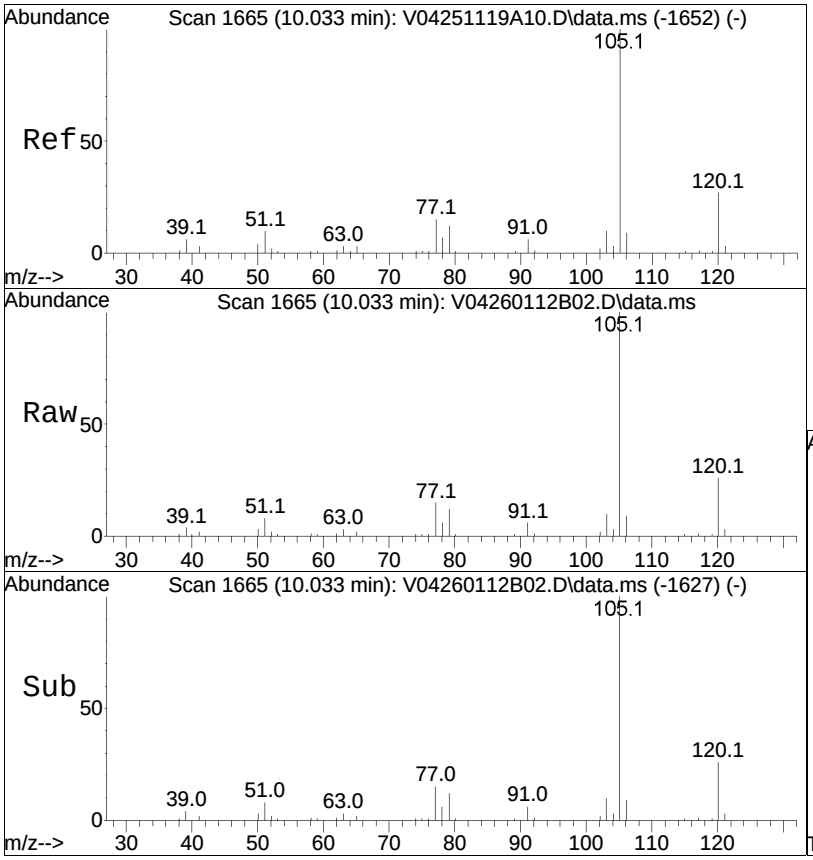


#80
Bromoform
Concen: 40.68 ug/L
RT: 9.724 min Scan# 1606
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion:173 Resp: 115977

Ion	Ratio	Lower	Upper
173	100		
175	48.5	28.2	68.2

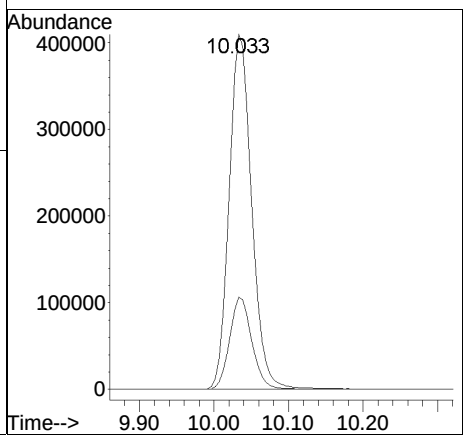


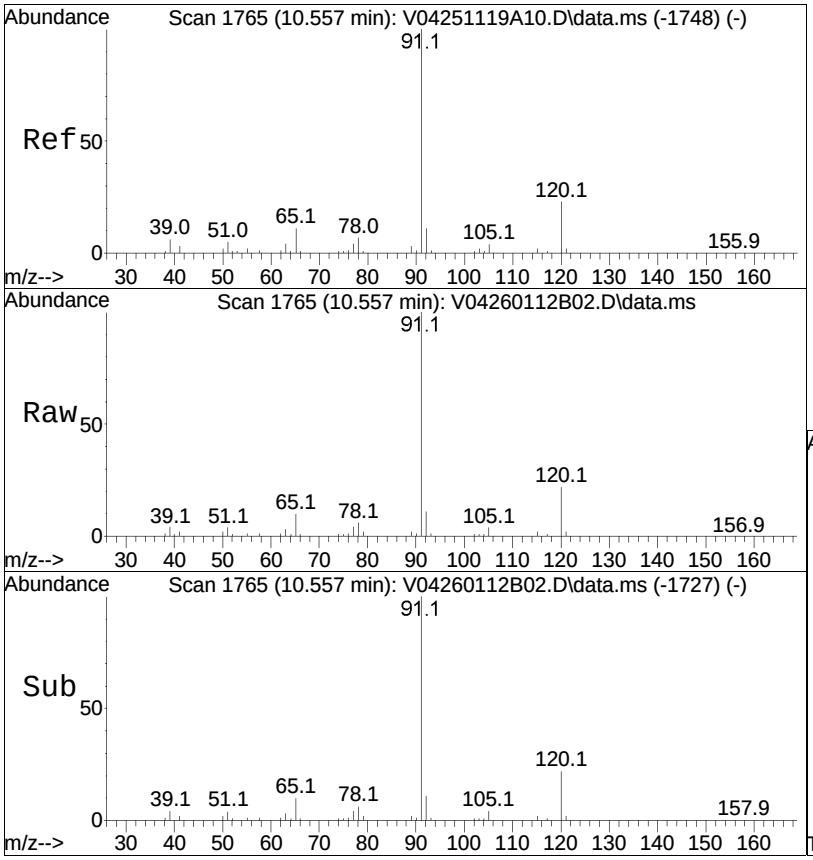


#82
Isopropylbenzene
Concen: 49.60 ug/L
RT: 10.033 min Scan# 1665
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion:105 Resp: 862533

Ion	Ratio	Lower	Upper
105	100		
120	25.7	6.0	46.0

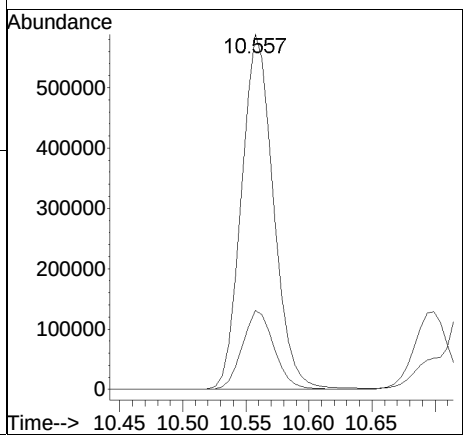


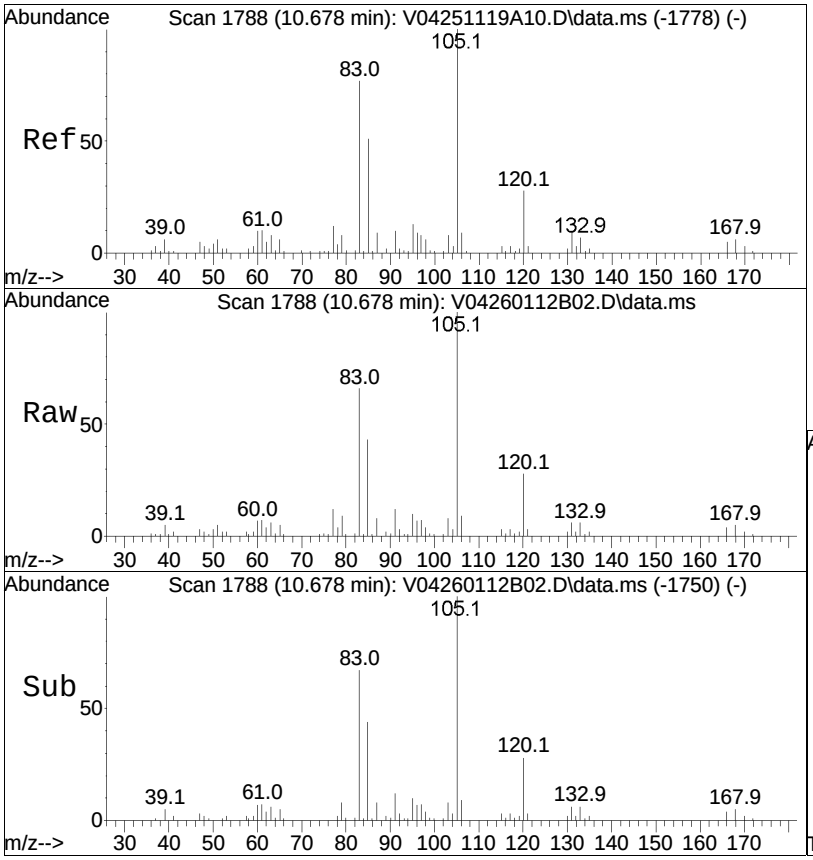


#85
n-Propylbenzene
Concen: 52.17 ug/L
RT: 10.557 min Scan# 1765
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 91 Resp: 1035953

Ion	Ratio	Lower	Upper
91	100		
120	22.2	18.9	28.3

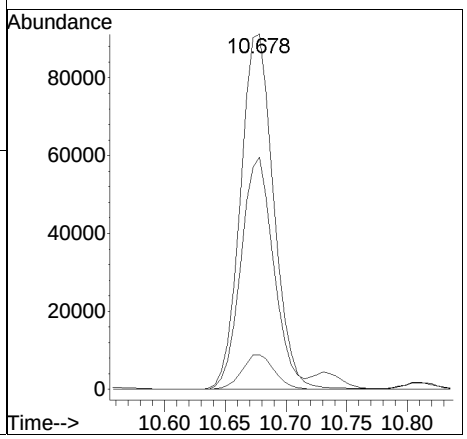


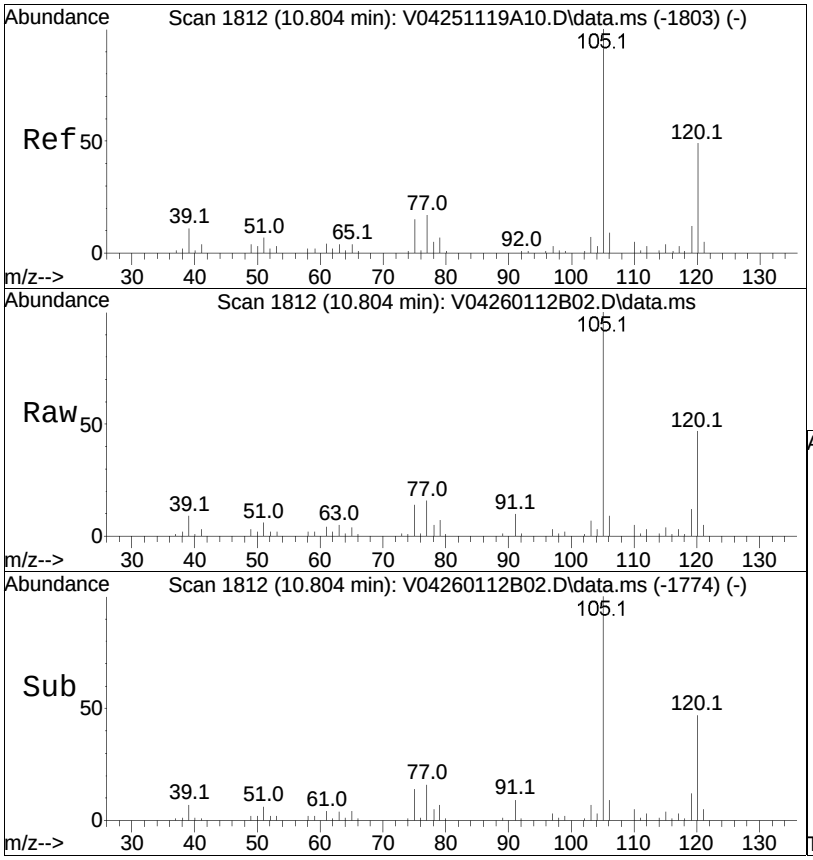


#87
1,1,2,2-Tetrachloroethane
Concen: 43.07 ug/L
RT: 10.678 min Scan# 1788
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 83 Resp: 173692

Ion	Ratio	Lower	Upper
83	100		
131	9.6	0.0	30.7
85	64.4	44.7	84.7

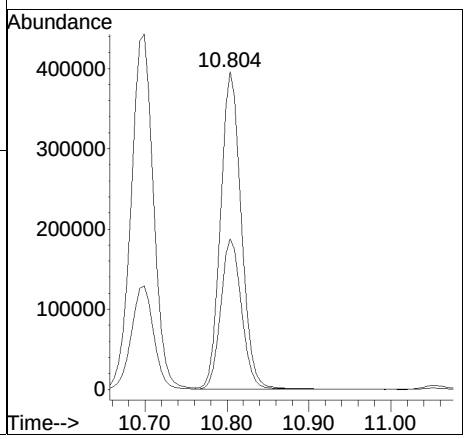


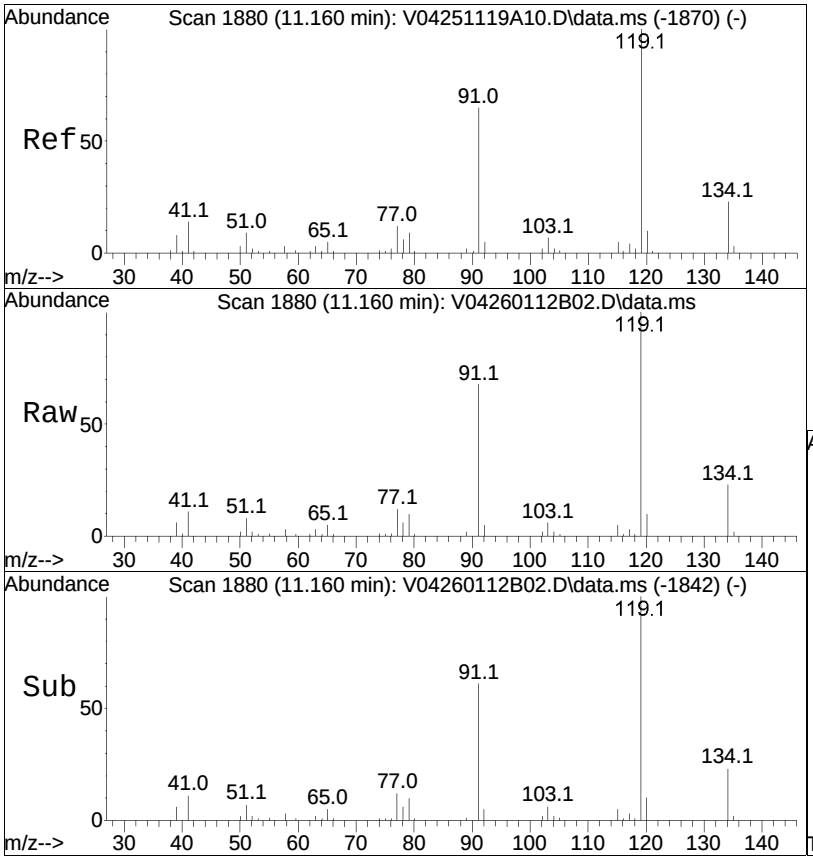


#90
1,3,5-Trimethylbenzene
Concen: 48.61 ug/L
RT: 10.804 min Scan# 1812
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion:105 Resp: 695790

Ion	Ratio	Lower	Upper
105	100		
120	47.4	38.4	57.6

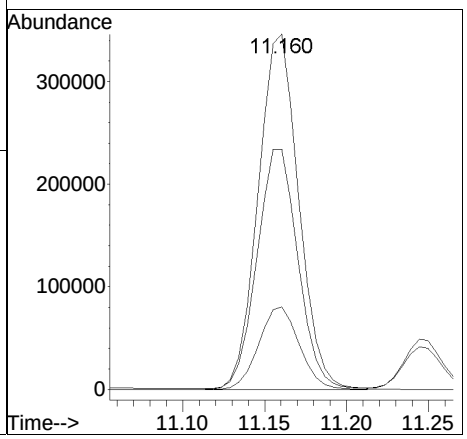


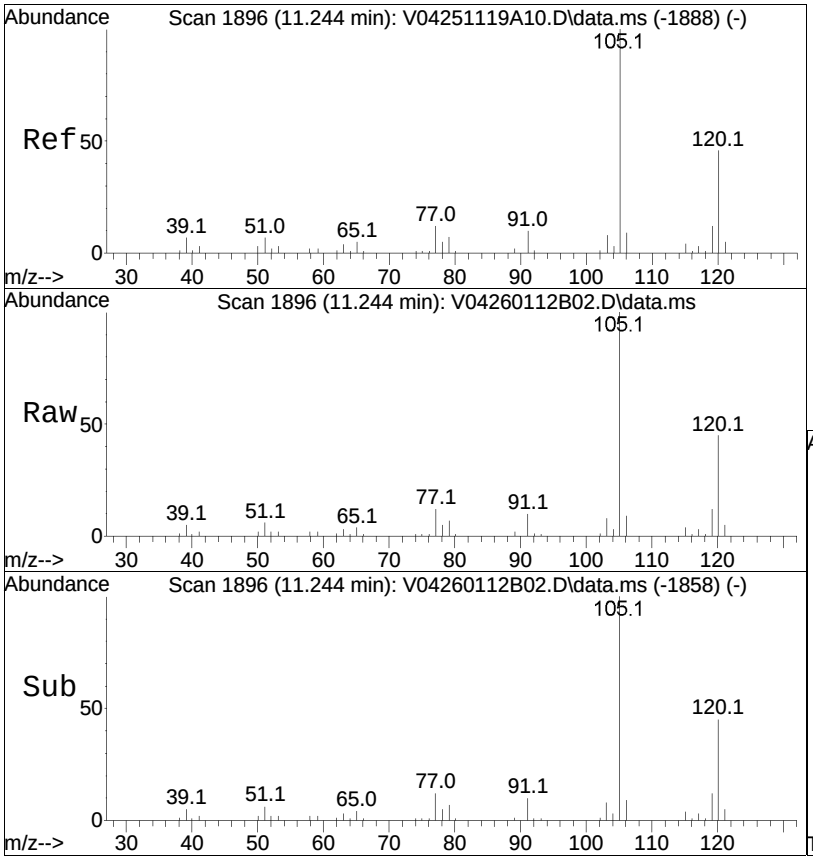


#94
tert-Butylbenzene
Concen: 47.85 ug/L
RT: 11.160 min Scan# 1880
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion:119 Resp: 595232

Ion	Ratio	Lower	Upper
119	100		
91	68.0	53.0	79.6
134	23.2	19.6	29.4

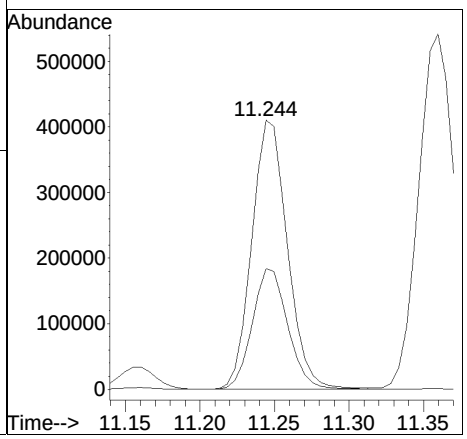


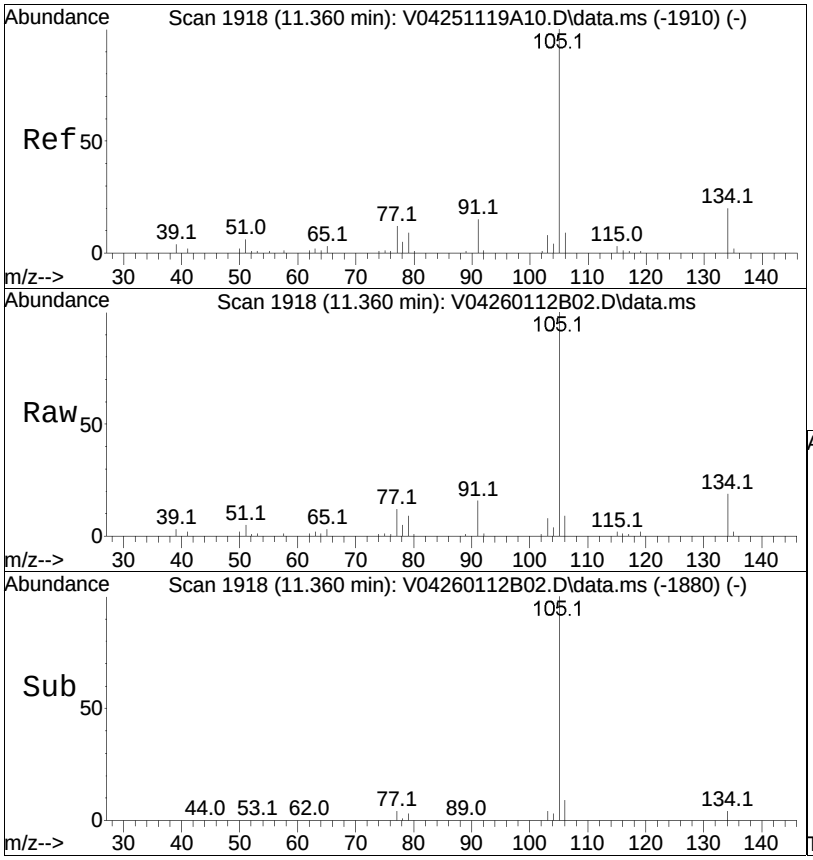


#97
1,2,4-Trimethylbenzene
Concen: 47.34 ug/L
RT: 11.244 min Scan# 1896
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion:105 Resp: 682673

Ion	Ratio	Lower	Upper
105	100		
120	44.6	36.4	54.6

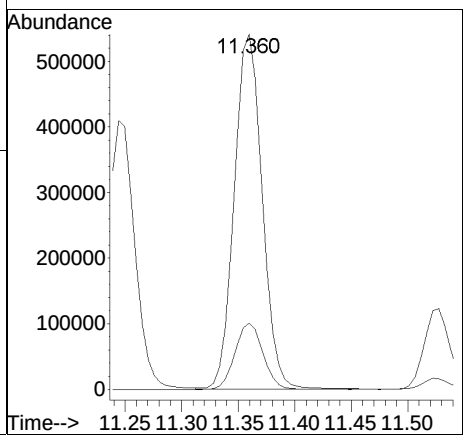


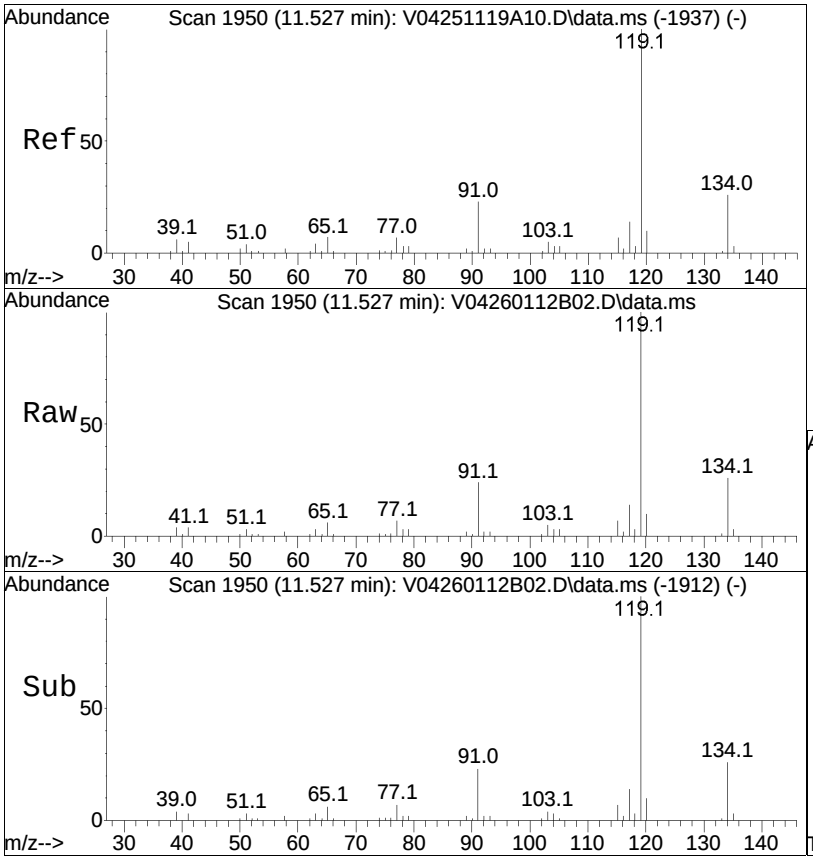


#98
sec-Butylbenzene
Concen: 50.95 ug/L
RT: 11.360 min Scan# 1918
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion:105 Resp: 928669

Ion	Ratio	Lower	Upper
105	100		
134	18.7	12.9	26.9

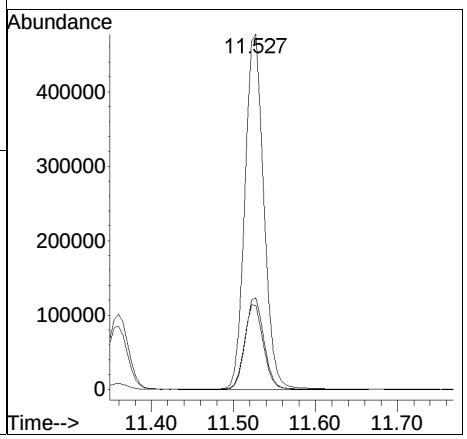


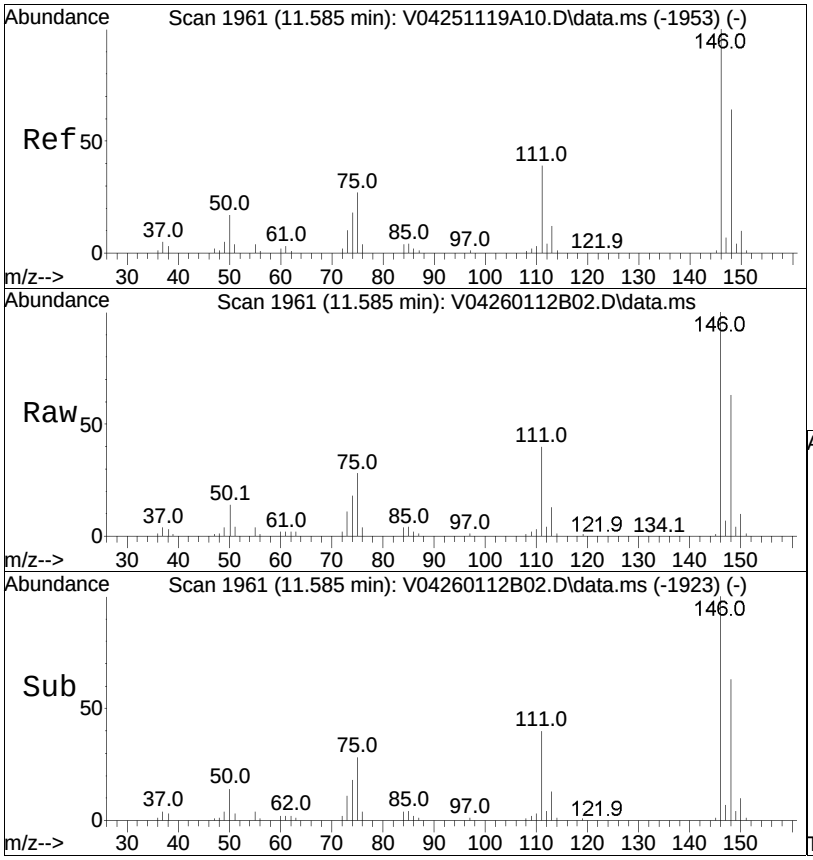


#99
p-Isopropyltoluene
Concen: 48.87 ug/L
RT: 11.527 min Scan# 1950
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion:119 Resp: 770180

Ion	Ratio	Lower	Upper
119	100		
134	25.5	17.1	35.5
91	23.8	14.8	30.6

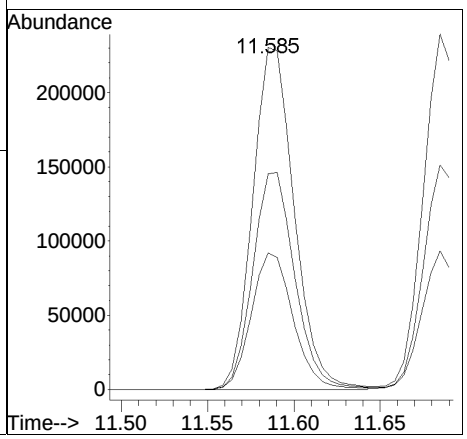


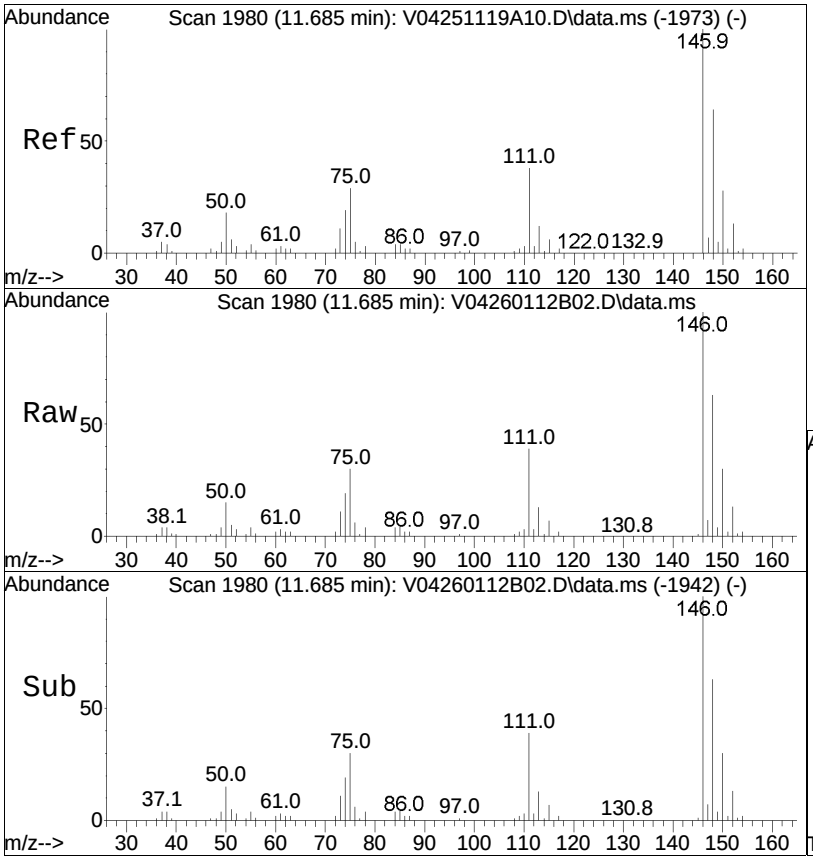


#100
1,3-Dichlorobenzene
Concen: 45.18 ug/L
RT: 11.585 min Scan# 1961
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion:146 Resp: 386418

Ion	Ratio	Lower	Upper
146	100		
111	40.1	24.8	51.6
148	64.1	41.6	86.4

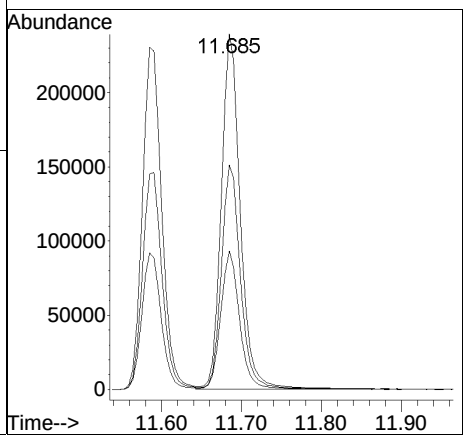


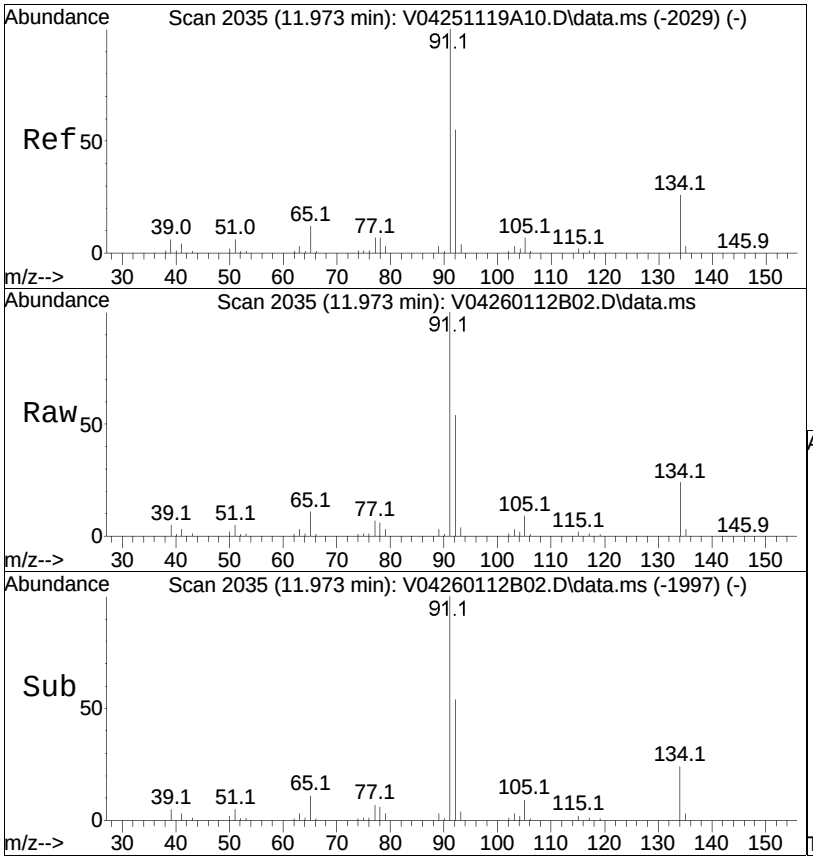


#101
1,4-Dichlorobenzene
Concen: 44.28 ug/L
RT: 11.685 min Scan# 1980
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion:146 Resp: 393800

Ion	Ratio	Lower	Upper
146	100		
111	38.7	30.2	45.2
148	63.6	50.6	76.0

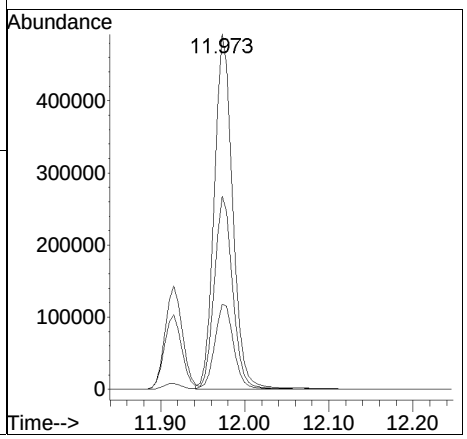


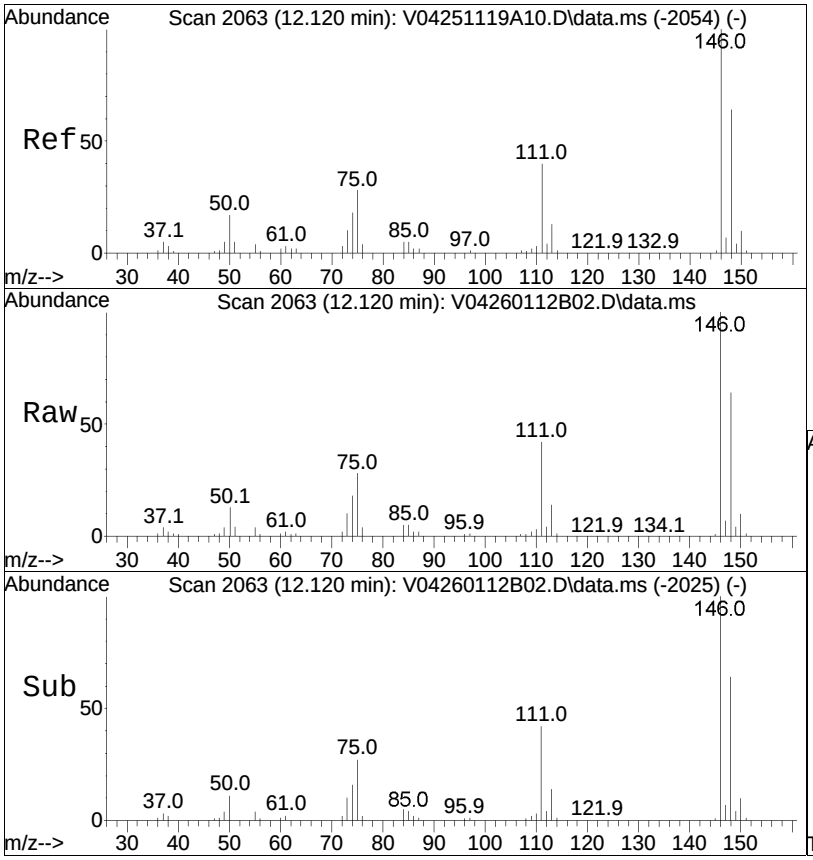


#103
n-Butylbenzene
Concen: 53.40 ug/L
RT: 11.973 min Scan# 2035
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion: 91 Resp: 750782

Ion	Ratio	Lower	Upper
91	100		
92	54.3	43.4	65.2
134	24.4	21.5	32.3

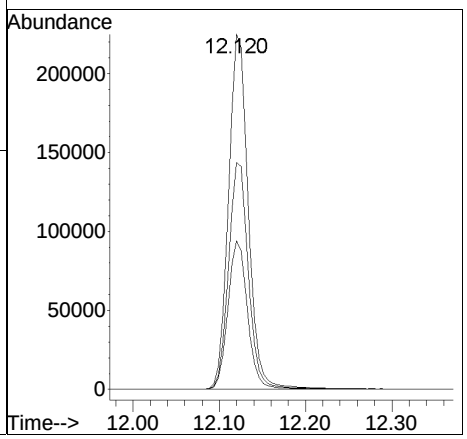


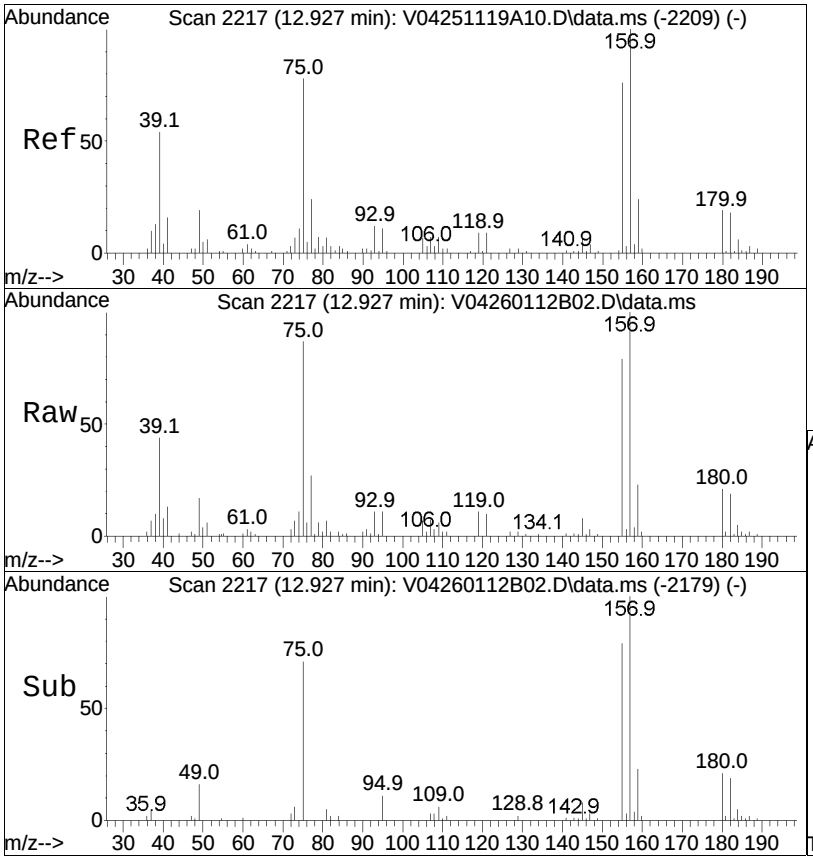


#104
1,2-Dichlorobenzene
Concen: 43.89 ug/L
RT: 12.120 min Scan# 2063
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion:146 Resp: 360514

Ion	Ratio	Lower	Upper
146	100		
111	41.6	25.5	52.9
148	64.1	40.8	84.8

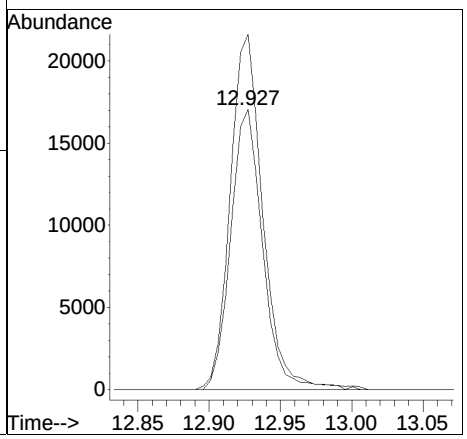


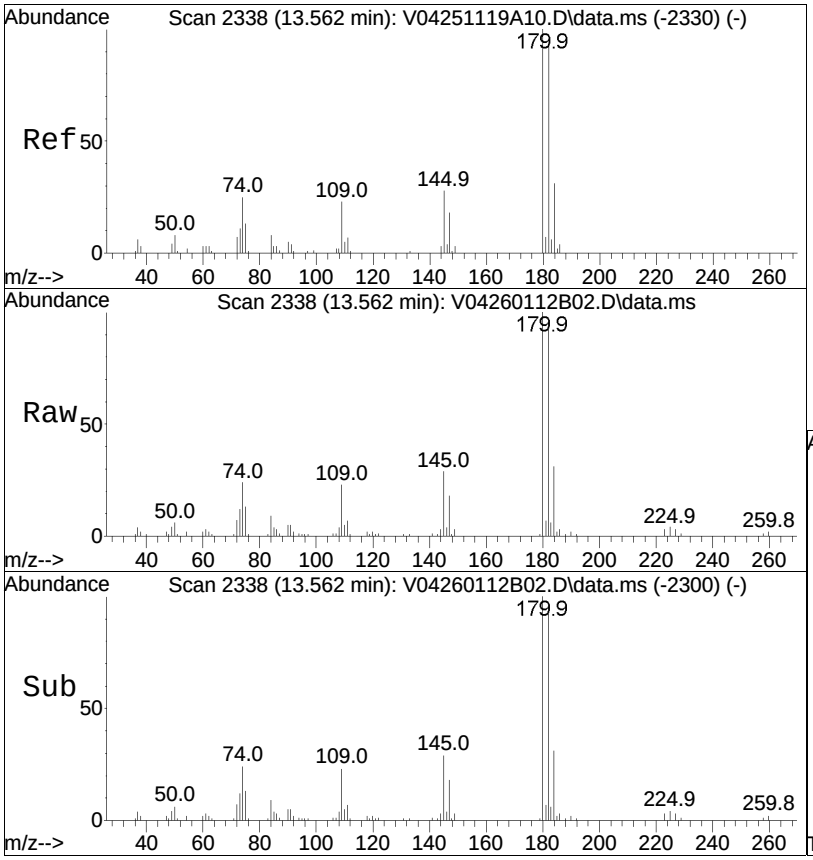


#106
1,2-Dibromo-3-chloropropane
Concen: 40.41 ug/L
RT: 12.927 min Scan# 2217
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion:155 Resp: 26620

Ion	Ratio	Lower	Upper
155	100		
157	129.0	103.2	154.8

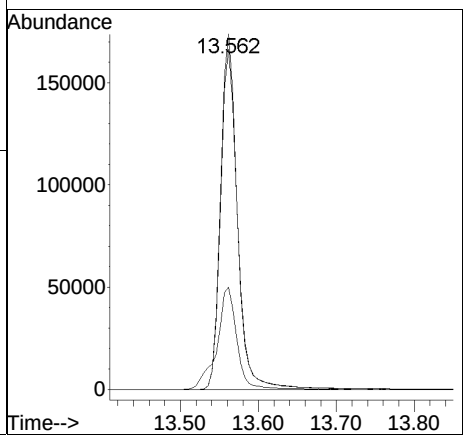


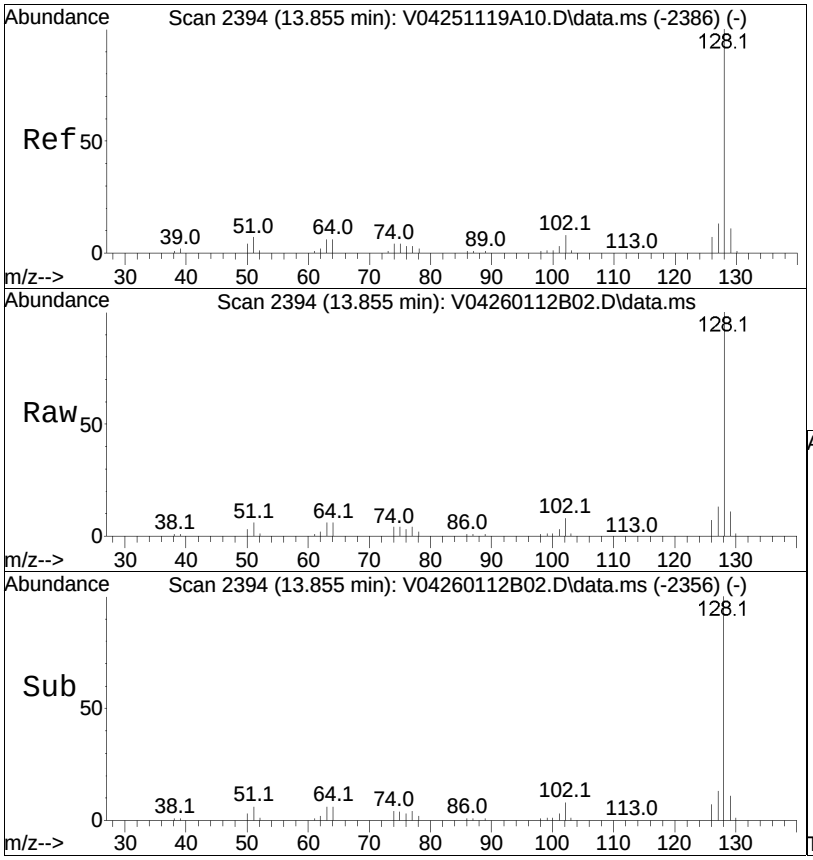


#109
1,2,4-Trichlorobenzene
Concen: 48.56 ug/L
RT: 13.562 min Scan# 2338
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion:180 Resp: 262962

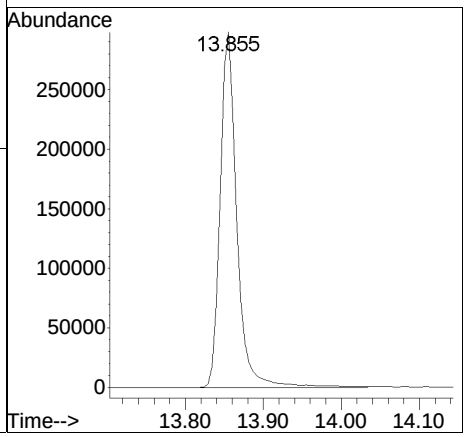
Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.0	115.4
145	33.7	28.4	42.6





#110
Naphthalene
Concen: 45.32 ug/L
RT: 13.855 min Scan# 2394
Delta R.T. 0.000 min
Lab File: V04260112B02.D
Acq: 12 Jan 2026 11:00 am

Tgt Ion:128 Resp: 443493



Calculation of Volatile Organic Compounds

Aqueous Concentration Formula: Amt * DF * Uf * (1/Vo)

Where:
DF = Dilution Factor
Vo = Sample Volume Purged (mL)
Uf = ng Unit Correction Factor (mL)

Soil Concentration Formula: Amt * DF * (1/Wt)

Where:
DF = Dilution Factor
Wt = Weight of Sample (g)

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Jan 12 2026, 03:21 pm

Work Group: WG2164110 for Department: 31 GC/MS - Volatiles

Created: 12-JAN-26 Due: Operator: jic

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2600637-01	AREA05-BOTTOM-01062026	S	NYTCL-8260-R2	SOIL	DONE	U	0120	0112	3C	Vial-Large
L2600637-03	AREA05-WW-01062026	S	NYTCL-8260-R2	SOIL	DONE	U	0120	0112	3C	Vial-Large
L2600637-04	AREA05-SW-01062026	S	NYTCL-8260-R2	SOIL	DONE	U	0120	0112	3C	Vial-Large
WG2164110-1	MS BFB Tune Standard	S	NYTCL-8260-R2	SOIL	DONE	U				
WG2164110-2	Continuing Calibrati	S	NYTCL-8260-R2	SOIL	DONE	U				
WG2164110-3	Laboratory Control S	S	NYTCL-8260-R2	SOIL	DONE	U				
WG2164110-4	LCS Duplicate	S	NYTCL-8260-R2	SOIL	DONE	U				
WG2164110-5	Laboratory Method Bl	S	NYTCL-8260-R2	SOIL	DONE	U				

Comments:

WG2164110-4 WG2164110-3

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Jan 12 2026, 03:21 pm

Work Group: WG2164207 for Department: 31 GC/MS - Volatiles

Created: 12-JAN-26 Due: Operator: AJK

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2600637-02	AREA05-NW-01062026	S	NYTCL-8260-R2	SOIL	DONE	U	0120	0112	3C	Vial-Large
WG2164207-1	MS BFB Tune Standard	S	NYTCL-8260-R2	SOIL	DONE	U				
WG2164207-2	Continuing Calibrati	S	NYTCL-8260-R2	SOIL	DONE	U				
WG2164207-3	Laboratory Control S	S	NYTCL-8260-R2	SOIL	DONE	U				
WG2164207-4	LCS Duplicate	S	NYTCL-8260-R2	SOIL	DONE	U				
WG2164207-5	Laboratory Method Bl	S	NYTCL-8260-R2	SOIL	DONE	U				

Comments:

WG2164207-4 WG2164207-3

Inst: VOA104
Initials: JFI
Date: 11/19/25
Run: **A**

BFB: v11543
IS/SS: V114522
ICAL: V11534D, V11542
ICV: V11528, V11529, V11539, V11516, V11517

Method
GC: 8260SOIL
Autosampler: 8260-soil
Concentrator: 8260

QC: ____ Seq: _____

Vial	Data File	Sample	Comments	WG	OBS
1	V04251119BFB6	BFB			
1	V04251119A01	BLK			
2	V04251119A02	I8260STD0.5PPB			
3	V04251119A03	I8260STD0.5PPB			
4	V04251119A04	I8260STD1.0PPB			
5	V04251119A05	I8260STD1.0PPB			
6	V04251119A06	I8260STD2.0PPB			
7	V04251119A07	I8260STD2.0PPB			
8	V04251119A08	I8260STD4.0PPB			
9	V04251119A09	I8260STD20PPB			
10	V04251119A10	I8260STD40PPB			
11	V04251119A11	I8260STD100PPB			
12	V04251119A12	I8260STD200PPB			
13	V04251119A13	I8260STD300PPB			
14	V04251119A14	BLK			
15	V04251119A15	BLK			
16	V04251119A16	BLK			
17	V04251119A17	C8260STD40PPB			
18	V04251119A18	C8260STD40PPB			
19	V04251119A19	BLK			
20	V04251119A20	MEOH BLK			
21	V04251119A21	LOQ 0.5PPB			
22	V04251119A22	LOQ 1.0PPB			
23	V04251119A23	LOQ 4.0PPB			

Inst: VOA100
Initials: RAW
Date: **12/23/25**
Run: **A**

BFB V11543
IS/SS: V11574
ICAL: V11597D,V11615
ICV: V11581,V11580,V11589,V11590,V11579,V11616

Method
GC: 8260_
Autosampler: 8260soil
Concentrator: 8260_
QC:_____ Seq:_____

Vial	Data File	SAMPLE	Comments	LOW	HIGH	OBS
1	V00251223BFB1	BFB				
1	V00251223A01	BLK				
2	V00251223A02	BLK				
3	V00251223A03	I8260STD0.5PPB				
4	V00251223A04	I8260STD0.5PPB				
5	V00251223A05	I8260STD1PPB				
6	V00251223A06	I8260STD1PPB				
7	V00251223A07	I8260STD2PPB				
8	V00251223A08	I8260STD4PPB				
9	V00251223A09	I8260STD20PPB				
10	V00251223A10	I8260STD40PPB				
11	V00251223A11	I8260STD100PPB				
12	V00251223A12	I8260STD200PPB				
13	V00251223A13	I8260STD300PPB				
14	V00251223A14	BLANK				
15	V00251223A15	BLANK				
16	V00251223A16	BLANK				
17	V00251223A17	BLANK				
18	V00251223A18	C8260STD40PPB				
19	V00251223A19	C8260STD40PPB				
20	V00251223A20	BLANK				

Inst: VOA100
Initials: AJK
Date: **01/09/26**
Run: **A**

BFB V11593
IS/SS: V11612
ICAL: V11597E,V11615

Method
8260_
8260soil
8260_

QC: _____ Seq: _____

WG2163724,WG2164107,WG2164110,WG2164111

Vial	Data File	SAMPLE	Comments	LOW	HIGH	OBS
1	V00260109BFB1	BFB		1		
1	V00260109A01	8260 LCS		2,3		
2	V00260109A02	8260 LCS		4		
3	V00260109A03	8260 LCS				
4	V00260109A04	BLK				
5	V00260109A05	MEOH BLK		5		
6	V00260109A06	L2600923-01,31,4.81,5,,B,32.43,37.49,0.25	NJHLW TBAAA	WG2163724		
7	V00260109A07	L2600923-02,31,5.76,5,,B,32.01,38.02,0.25	NJHLW TBAAA	WG2163724		
8	V00260109A08	L2600819-04R,31,3.19,5,,C,35.26,38.95,0.50	MLW			
9	V00260109A09	L2600819-11,31,4.23,5,,B,35.86,40.59,0.50	MLW	WG2164107		
10	V00260109A10	L2601272-02,31,5.45,5,,B,31.93,37.88,0.50	MLW	WG2164107		
11	V00260109A11	L2601272-04,31,4.88,5,,B,34.76,40.14,0.50	MLW	WG2164107		
12	V00260109A12	L2600830-06,31,4.77,5,,B,32.57,37.59,0.25	NJHLW	WG2163724		
13	V00260109A13	L2600830-07,31,4.88,5,,B,31.75,36.88,0.25	NJHLW	WG2163724		
14	V00260109A14	L2600830-08,31,5.78,5,,B,32.18,38.21,0.25	NJHLW	WG2163724		
15	V00260109A15	L2601130-01,31,3.32,5,,B,35.56,39.38,0.50	MLW	WG2164107		
16	V00260109A16	L2601130-02,31,2.75,5,,B,35.72,38.97,0.50	MLW	WG2164107		
17	V00260109A17	L2601130-04,31,6.15,5,,B,35.28,41.93,0.50	MLW	WG2164107		
18	V00260109A18	L2601130-05,31,3.28,5,,B,35.34,39.12,0.50	MLW	WG2164107		
19	V00260109A19	L2600637-01,31,5.18,5,,Y	NYTCL R2+10	WG2164110		
20	V00260109A20	L2600637-03,31,5.23,5,,Y	NYTCL R2+10	WG2164110		
21	V00260109A21	L2600637-04,31,5.66,5,,Y	NYTCL R2+10	WG2164110		
22	V00260109A22	L2600897-02,31,6.41,5,,Y	NJHLW	WG2163724		
23	V00260109A23	L2600897-03,31,5.76,5,,Y	NJHLW	WG2163724		
24	V00260109A24	L2600637-02D,31H,4.97,5,0.01,,X	NYTCL/H R2+10		WG2164111	
25	V00260109A25	L2600897-02MS,31,6.75,5,,Y1	NJHLW	6		
26	V00260109A26	L2600897-02MSD,31,6.50,5,,Y2	NJHLW	7		

Inst: VOA100
Initials: AJK
Date: **01/09/26**
Run: **A**

BFB V11593
IS/SS: V11612
ICAL: V11597E,V11615

Method
8260_
8260soil
8260_
QC: _____ Seq: _____

WG2163724,WG2164107,WG2164110,WG2164111

Vial	Data File	SAMPLE	Comments	LOW	HIGH	OBS
1	V00260109BFB1	BFB		1		
1	V00260109A01	8260 LCS		2,3		
2	V00260109A02	8260 LCS		4		
3	V00260109A03	8260 LCS				
4	V00260109A04	BLK				
5	V00260109A05	MEOH BLK		5		
6	V00260109A06	L2600923-01,31,4.81,5,,B,32.43,37.49,0.25	NJHLW TBAAA	WG2163724		
7	V00260109A07	L2600923-02,31,5.76,5,,B,32.01,38.02,0.25	NJHLW TBAAA	WG2163724		
8	V00260109A08	L2600819-04R,31,3.19,5,,C,35.26,38.95,0.50	MLW			
9	V00260109A09	L2600819-11,31,4.23,5,,B,35.86,40.59,0.50	MLW	WG2164107		
10	V00260109A10	L2601272-02,31,5.45,5,,B,31.93,37.88,0.50	MLW	WG2164107		
11	V00260109A11	L2601272-04,31,4.88,5,,B,34.76,40.14,0.50	MLW	WG2164107		
12	V00260109A12	L2600830-06,31,4.77,5,,B,32.57,37.59,0.25	NJHLW	WG2163724		
13	V00260109A13	L2600830-07,31,4.88,5,,B,31.75,36.88,0.25	NJHLW	WG2163724		
14	V00260109A14	L2600830-08,31,5.78,5,,B,32.18,38.21,0.25	NJHLW	WG2163724		
15	V00260109A15	L2601130-01,31,3.32,5,,B,35.56,39.38,0.50	MLW	WG2164107		
16	V00260109A16	L2601130-02,31,2.75,5,,B,35.72,38.97,0.50	MLW	WG2164107		
17	V00260109A17	L2601130-04,31,6.15,5,,B,35.28,41.93,0.50	MLW	WG2164107		
18	V00260109A18	L2601130-05,31,3.28,5,,B,35.34,39.12,0.50	MLW	WG2164107		
19	V00260109A19	L2600637-01,31,5.18,5,,Y	NYTCL R2+10	WG2164110		
20	V00260109A20	L2600637-03,31,5.23,5,,Y	NYTCL R2+10	WG2164110		
21	V00260109A21	L2600637-04,31,5.66,5,,Y	NYTCL R2+10	WG2164110		
22	V00260109A22	L2600897-02,31,6.41,5,,Y	NJHLW	WG2163724		
23	V00260109A23	L2600897-03,31,5.76,5,,Y	NJHLW	WG2163724		
24	V00260109A24	L2600637-02D,31H,4.97,5,0.01,,X	NYTCL/H R2+10		WG2164111	
25	V00260109A25	L2600897-02MS,31,6.75,5,,Y1	NJHLW	6		
26	V00260109A26	L2600897-02MSD,31,6.50,5,,Y2	NJHLW	7		

Inst: VOA104
Initials: AJK
Date: 01/12/26
Run: **A**

BFB: v11593
IS/SS: V11612
ICAL: V11597E, V11639

Method
GC: 8260SOIL
Autosampler: 8260-soil
Concentrator: 8260

QC: ____ Seq: _____

Vial	Data File	Sample	Comments	LOW	HIGH	OBS
1	V04260112BFB1	BFB				
1	V04260112B01	8260 LCS				
2	V04260112B02	8260 LCS				
3	V04260112B03	8260 LCS				
4	V04260112B04	BLK				
5	V04260112B05	MEOH BLK				
6	V04260112B06	I2601171-07,31,4.82,5,,c,32.21,37.28,0.25	NJHLW^			
7	V04260112B07	I2600637-02d2,31h,4.97,5,0.04,,x	NYTCL/H R2*			
8	V04260112B08	I2600717-01,31h,7.16,5,0.100,,a,28.38,36.04,0.50	PA/HIGH			
9	V04260112B09	I2600717-01,31,7.79,5,,c,31.39,39.43,0.25	PALW^			
10	V04260112B10	I2601171-08,31,5.02,5,,c,32.57,37.84,0.25	NJHLW^			
11	V04260112B11	I2601171-09,31,5.54,5,,c,32.51,38.30,0.25	NJHLW^			
12	V04260112B12	I2601156-01,31,4.31,5,,c,32.36,36.92,0.25	PALW^			
13	V04260112B13	I2600453-01,31,5.98,5,,b,32.42,38.65,0.25	PALW*			
14	V04260112B14	I2600453-03,31,4.57,5,,c,33.00,37.82,0.25	PALW^			
15	V04260112B15	I2600453-05,31,6.24,5,,c,32.88,39.37,0.25	PALW^			
16	V04260112B16	I2601653-01,31,5.35,5,,y	NYTCL R2			
17	V04260112B17	I2601653-02,31,5.57,5,,y	NYTCL R2			
18	V04260112B18	I2601653-03,31,4.95,5,,y	NYTCL R2			
19	V04260112B19	I2601653-04,31,4.72,5,,y	NYTCL R2			
20	V04260112B20	I2601653-05,31,5.15,5,,z	NYTCL R2			
21	V04260112B21	I2601653-06,31,5.60,5,,y	NYTCL R2			
22	V04260112B22	I2601653-07,31,5.19,5,,y	NYTCL R2			
23	V04260112B23	I2601653-08,31,6.29,5,,y	NYTCL R2			
24	V04260112B24	I2601653-09,31,5.41,5,,y	NYTCL R2			
25	V04260112B25	I2601653-10,31,7.52,5,,y	NYTCL R2			
26	V04260112B26	I2600717-01DUP,31h,7.16,5,0.100,,a,28.38,36.04,0.50	NJQC			
27	V04260112B27	I2600717-01MS,31h,7.16,5,0.100,,a,28.38,36.04,0.50	NJQC			

Semivolatiles Data- Method 8270

Semivolatiles QC Summary

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2163236-2 **Analysis Date** : 01/09/26 14:17	**File ID**	: 163236-2
LCSD Sample ID	: WG2163236-3 **Analysis Date** : 01/09/26 15:18	**File ID**	: 163236-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R		True (ug/kg)	Found (ug/kg)	%R		RPD	Recovery Limits	RPD Limit
Acenaphthene	1300	960	74		1300	1000	77		4	31-137	50
Hexachlorobenzene	1300	1000	77		1300	1100	83		8	40-140	50
Bis(2-chloroethyl)ether	1300	900	69		1300	930	72		4	40-140	50
2-Chloronaphthalene	1300	960	74		1300	990	77		4	40-140	50
3,3'-Dichlorobenzidine	1300	900	70		1300	920	71		1	40-140	50
2,4-Dinitrotoluene	1300	1000	78		1300	1100	84		7	40-132	50
2,6-Dinitrotoluene	1300	950	74		1300	1000	82		10	40-140	50
Fluoranthene	1300	1100	82		1300	1000	82		0	40-140	50
4-Chlorophenyl phenyl ether	1300	890	69		1300	930	72		4	40-140	50
4-Bromophenyl phenyl ether	1300	920	71		1300	990	76		7	40-140	50
Bis(2-chloroisopropyl)ether	1300	670	51		1300	700	54		6	40-140	50
Bis(2-chloroethoxy)methane	1300	960	74		1300	1000	81		9	40-117	50
Hexachlorobutadiene	1300	770	59		1300	750	58		2	40-140	50
Hexachlorocyclopentadiene	1300	510	39	Q	1300	400	31	Q	23	40-140	50
Hexachloroethane	1300	1000	77		1300	1000	79		3	40-140	50
Isophorone	1300	1000	79		1300	1100	88		11	40-140	50
Naphthalene	1300	1000	78		1300	1000	78		0	40-140	50
Nitrobenzene	1300	1000	81		1300	1100	87		7	40-140	50
NDPA/DPA	1300	980	76		1300	1000	81		6	36-157	50
n-Nitrosodi-n-propylamine	1300	980	75		1300	1100	85		13	32-121	50
Bis(2-ethylhexyl)phthalate	1300	1200	91		1300	1300	99		8	40-140	50
Butyl benzyl phthalate	1300	1300	98		1300	1200	95		3	40-140	50
Di-n-butylphthalate	1300	1100	85		1300	1100	88		3	40-140	50
Di-n-octylphthalate	1300	1200	95		1300	1300	100		5	40-140	50
Diethyl phthalate	1300	990	77		1300	1000	80		4	40-140	50
Dimethyl phthalate	1300	920	70		1300	1000	78		11	40-140	50

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2163236-2 **Analysis Date** : 01/09/26 14:17	**File ID**	: 163236-2
LCSD Sample ID	: WG2163236-3 **Analysis Date** : 01/09/26 15:18	**File ID**	: 163236-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Benzo(a)anthracene	1300	1000	80	1300	1100	83	4	40-140	50
Benzo(a)pyrene	1300	1200	92	1300	1100	86	7	40-140	50
Benzo(b)fluoranthene	1300	1200	94	1300	1200	92	2	40-140	50
Benzo(k)fluoranthene	1300	1000	81	1300	1000	80	1	40-140	50
Chrysene	1300	1100	82	1300	1100	85	4	40-140	50
Acenaphthylene	1300	1000	80	1300	1100	87	8	40-140	50
Anthracene	1300	1000	81	1300	1100	83	2	40-140	50
Benzo(ghi)perylene	1300	990	76	1300	970	75	1	40-140	50
Fluorene	1300	990	77	1300	1000	81	5	40-140	50
Phenanthrene	1300	1000	79	1300	1000	80	1	40-140	50
Dibenzo(a,h)anthracene	1300	1000	80	1300	1000	78	3	40-140	50
Indeno(1,2,3-cd)pyrene	1300	1000	80	1300	1000	78	3	40-140	50
Pyrene	1300	1100	84	1300	1100	84	0	35-142	50
Biphenyl	1300	960	74	1300	1000	78	5	37-127	50
4-Chloroaniline	1300	870	67	1300	900	70	4	40-140	50
2-Nitroaniline	1300	1100	88	1300	1300	98	11	47-134	50
3-Nitroaniline	1300	930	71	1300	940	72	1	26-129	50
4-Nitroaniline	1300	1100	86	1300	1200	90	5	41-125	50
Dibenzofuran	1300	960	74	1300	990	76	3	40-140	50
2-Methylnaphthalene	1300	1000	77	1300	1000	79	3	40-140	50
1,2,4,5-Tetrachlorobenzene	1300	850	66	1300	900	70	6	40-117	50
Acetophenone	1300	1100	85	1300	1200	92	8	14-144	50
2,4,6-Trichlorophenol	1300	930	72	1300	1000	78	8	30-130	50
p-Chloro-m-cresol	1300	1100	85	1300	1200	90	6	26-103	50
2-Chlorophenol	1300	1100	84	1300	1200	89	6	25-102	50
2,4-Dichlorophenol	1300	1100	82	1300	1200	94	14	30-130	50

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2163236-2 **Analysis Date** : 01/09/26 14:17	**File ID**	: 163236-2
LCSD Sample ID	: WG2163236-3 **Analysis Date** : 01/09/26 15:18	**File ID**	: 163236-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
2,4-Dimethylphenol	1300	1100	87	1300	1200	97	11	30-130	50
2-Nitrophenol	1300	1100	83	1300	1200	93	11	30-130	50
4-Nitrophenol	1300	1200	90	1300	1300	98	9	11-114	50
2,4-Dinitrophenol	1300	600	47	1300	340	27	54 Q	4-130	50
4,6-Dinitro-o-cresol	1300	750	58	1300	480	37	44	10-130	50
Pentachlorophenol	1300	1100	86	1300	1200	91	6	17-109	50
Phenol	1300	1100	86	1300	1100	89	3	26-90	50
2-Methylphenol	1300	1100	88	1300	1200	95	8	30-130	50
3-Methylphenol/4-Methylphenol	1300	1200	94	1300	1300	104	10	30-130	50
2,4,5-Trichlorophenol	1300	930	72	1300	1000	81	12	30-130	50
Carbazole	1300	1100	85	1300	1100	84	1	54-128	50
Atrazine	1300	930	71	1300	970	75	5	40-140	50
Benzaldehyde	1300	1000	78	1300	1100	82	5	40-140	50
Caprolactam	1300	980	76	1300	1000	82	8	15-130	50
2,3,4,6-Tetrachlorophenol	1300	1000	78	1300	1100	82	5	40-140	50
1,4-Dioxane	1300	770	59	1300	720	55	7	40-140	50

Surrogate Recovery Summary
Form 2
Semivolatiles

Client: Inventum Engineering
Project Name: SOUTH BUFFALO DEVELOPMENT

Lab Number: L2600637
Project Number: AREA E
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
AREA05-BOTTOM-01062026 (L2600637-01)	101	102	107	81	80	88	0
AREA05-NW-01062026 (L2600637-02)	86	88	94	71	67	76	0
AREA05-WW-01062026 (L2600637-03)	78	77	80	63	65	71	0
AREA05-SW-01062026 (L2600637-04)	87	85	88	70	78	85	0
WG2163236-1BLANK	89	91	94	72	80	85	0
WG2163236-2LCS	82	81	83	67	76	82	0
WG2163236-3LCSD	83	85	88	69	77	81	0

QC LIMITS

(25-120) 2FP = 2-FLUOROPHENOL
(10-120) PHL = PHENOL-D6
(23-120) NBZ = NITROBENZENE-D5
(30-120) FBP = 2-FLUOROBIPHENYL
(10-136) TBP = 2,4,6-TRIBROMOPHENOL
(18-120) TPH = 4-TERPHENYL-D14

*** Values outside of QC limits**

FORM II NYTCL-8270

Method Blank Summary
Form 4
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Lab Sample ID	: WG2163236-1	**Lab File ID**	: 163236-1
Instrument ID	: MORK	**Extraction Date**	: 01/09/26
Matrix	: SOIL	**Analysis Date**	: 01/09/26 15:37
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG2163236-2LCS	WG2163236-2	01/09/26 14:17
WG2163236-3LCSD	WG2163236-3	01/09/26 15:18
AREA05-BOTTOM-01062026	L2600637-01	01/09/26 15:57
AREA05-NW-01062026	L2600637-02	01/09/26 16:17
AREA05-WW-01062026	L2600637-03	01/09/26 16:37
AREA05-SW-01062026	L2600637-04	01/09/26 16:56

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Instrument ID	: MORK	**Analysis Date**	: 12/09/25 17:20
Tune Standard	: R2046600-1	**Tune File ID**	: Tune1_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	25.7
68	Less than 2.0% of mass 69	0 (0)1
69		100
70	Less than 2.0% of mass 69	0.2 (.7)1
127	10.0 - 80.0% of Base Peak	39.1
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.9
275	10.0 - 60.0% of Base Peak	27.9
365	Greater than 1.0% of mass 198	4
441	Present, but less than 24% of mass 442	17.6
442	Base Peak, or >50% of mass 198	82.6
443	15.0 - 24.0% of mass 442	15.6 (18.9)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ABNL10	R2046600-6	ABNL10	12/09/25 17:40
ABNL9	R2046600-15	ABNL9	12/09/25 18:00
ABNL8	R2046600-14	ABNL8	12/09/25 18:20
ABNL7	R2046600-13	ABNL7	12/09/25 18:40
ABNL6	R2046600-12	ABNL6	12/09/25 19:00
ABNL5	R2046600-11	ABNL5	12/09/25 19:20
ABNL4	R2046600-10	ABNL4	12/09/25 19:40
ABNL3	R2046600-9	ABNL3	12/09/25 20:00
ABNL2	R2046600-8	ABNL2	12/09/25 20:20
ABNL1	R2046600-7	ABNL1	12/09/25 20:40
AP9L10	R2046600-27	AP9L10	12/09/25 21:00
AP9L9	R2046600-35	AP9L9	12/09/25 21:20
AP9L8	R2046600-34	AP9L8	12/09/25 21:40
AP9L7	R2046600-33	AP9L7	12/09/25 22:00
AP9L6	R2046600-32	AP9L6	12/09/25 22:20
AP9L5	R2046600-31	AP9L5	12/09/25 22:40
AP9L4	R2046600-29	AP9L4	12/09/25 23:00
AP9L3	R2046600-30	AP9L3	12/09/25 23:20
AP9L2	R2046600-28	AP9L2	12/09/25 23:40
AP9L1	R2046600-26	AP9L1	12/10/25 00:00
ABN ICV Quant Report	R2046600-3	ABNICV	12/10/25 00:20
AP9 ICV Quant Report	R2046600-5	AP9ICV	12/10/25 00:40

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Instrument ID	: MORK	**Analysis Date**	: 12/10/25 01:00
Tune Standard	: R2046600-2	**Tune File ID**	: Tune2_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	24.9
68	Less than 2.0% of mass 69	0 (0)1
69		100
70	Less than 2.0% of mass 69	0 (0)1
127	10.0 - 80.0% of Base Peak	39
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.8
275	10.0 - 60.0% of Base Peak	28.2
365	Greater than 1.0% of mass 198	4.1
441	Present, but less than 24% of mass 442	18.4
442	Base Peak, or >50% of mass 198	86.3
443	15.0 - 24.0% of mass 442	16.5 (19.1)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
ADPL10	R2046600-18	ADPL10	12/10/25 01:20
ADPL9	R2046600-25	ADPL9	12/10/25 01:40
ADPL8	R2046600-24	ADPL8	12/10/25 02:00
ADPL7	R2046600-23	ADPL7	12/10/25 02:20
ADPL6	R2046600-22	ADPL6	12/10/25 02:40
ADPL5	R2046600-21	ADPL5	12/10/25 03:00
ADPL4	R2046600-20	ADPL4	12/10/25 03:20
ADPL3	R2046600-19	ADPL3	12/10/25 03:40
ADPL2	R2046600-17	ADPL2	12/10/25 04:00
ADPL1	R2046600-16	ADPL1	12/10/25 04:20
ADP ICV Quant Report	R2046600-4	ADPICV	12/10/25 04:41

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Instrument ID	: MORK	**Analysis Date**	: 01/09/26 09:39
Tune Standard	: WG2163439-1	**Tune File ID**	: DEG0109_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	32.6
68	Less than 2.0% of mass 69	0 (0)1
69		100
70	Less than 2.0% of mass 69	0.2 (.3)1
127	10.0 - 80.0% of Base Peak	51.5
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.6
275	10.0 - 60.0% of Base Peak	28.2
365	Greater than 1.0% of mass 198	3.5
441	Present, but less than 24% of mass 442	19.9
442	Base Peak, or >50% of mass 198	69.5
443	15.0 - 24.0% of mass 442	12.7 (18.3)2

1-Value is % of mass 69 2-Value is % of mass 442

This Check Applies to the following Samples, MS, MSD, Blanks, and Standards:

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG2163439-6TFACTOR-B	WG2163439-6	DEG0109	01/09/26 09:39
WG2163439-7TFACTOR-P	WG2163439-7	DEG0109	01/09/26 09:39
WG2163439-3CCAL	WG2163439-3	ABN0109	01/09/26 09:59
WG2163439-4CCAL	WG2163439-4	AP90109	01/09/26 10:19
WG2163439-5CCAL	WG2163439-5	ADP0109	01/09/26 10:39
WG2163236-2LCS	WG2163236-2	163236-2	01/09/26 14:17
WG2163236-3LCSD	WG2163236-3	163236-3	01/09/26 15:18
WG2163236-1BLANK	WG2163236-1	163236-1	01/09/26 15:37
AREA05-BOTTOM-01062026	L2600637-01	00637-01	01/09/26 15:57
AREA05-NW-01062026	L2600637-02	00637-02	01/09/26 16:17
AREA05-WW-01062026	L2600637-03	00637-03	01/09/26 16:37
AREA05-SW-01062026	L2600637-04	00637-04	01/09/26 16:56

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Instrument ID	: MORK	**Analysis Date**	: 01/09/26 09:59:00
Sample No	: WG2163439-3	**Lab File ID**	: ABN0109

	1,4-Dichlorobenzene-d4		Naphthalene-d8		Acenaphthene-d10	
	Area	RT	Area	RT	Area	RT
WG2163439-3	86645	3.14	319179	4.23	187686	5.73
Upper Limit	173290	3.64	638358	4.73	375372	6.23
Lower Limit	43323	2.64	159590	3.73	93843	5.23
Sample ID						
WG2163439-4 CCAL	92004	3.14	342158	4.23	203899	5.73
WG2163439-5 CCAL	80476	3.14	-	-	181013	5.73
WG2163236-2 LCS	78824	3.14	283691	4.23	177125	5.73
WG2163236-3 LCSD	78678	3.14	308864	4.23	202951	5.73
WG2163236-1 BLANK	98619	3.14	391813	4.23	253534	5.73
AREA05-BOTTOM-01062026	88393	3.14	340648	4.23	213301	5.73
AREA05-NW-01062026	86930	3.14	348590	4.23	230819	5.73
AREA05-WW-01062026	83573	3.14	320670	4.23	202188	5.73
AREA05-SW-01062026	97824	3.14	357392	4.23	216646	5.73

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Internal Standard Area and RT Summary
Form 8a
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Instrument ID	: MORK	**Analysis Date**	: 01/09/26 09:59:00
Sample No	: WG2163439-3	**Lab File ID**	: ABN0109

	Phenanthrene-d10		Chrysene-d12		Perylene-d12	
	Area	RT	Area	RT	Area	RT
WG2163439-3	419338	6.99	495949	9.29	628021	10.78
Upper Limit	838676	7.49	991898	9.79	1256042	11.28
Lower Limit	209669	6.49	247975	8.79	314011	10.28
Sample ID						
WG2163439-4 CCAL	445966	6.99	-	-	-	-
WG2163439-5 CCAL	404426	6.99	-	-	-	-
WG2163236-2 LCS	380234	6.99	493095	9.29	691898	10.79
WG2163236-3 LCSD	459910	6.99	543720	9.30	711573	10.79
WG2163236-1 BLANK	552037	6.99	633841	9.29	811459	10.79
AREA05-BOTTOM-01062026	479083	6.99	550716	9.29	691708	10.78
AREA05-NW-01062026	514372	6.99	621569	9.29	774243	10.79
AREA05-WW-01062026	453290	6.99	561520	9.29	733542	10.78
AREA05-SW-01062026	471526	6.99	558215	9.29	717521	10.78

Area Upper Limit = +100% of internal standard area
Area Lower Limit = - 50% of internal standard area

RT Upper Limit = +0.50 minutes of internal standard RT
RT Lower Limit = -0.50 minutes of internal standard RT

* Values outside of QC limits

Date Created: 04/17/25
Created By: Jason Hebert
File: PM19302-1
Page: 1

ABN Extractables - EPA 8270E (RVT) (WATER)

Holding Time: 7 days
Container/Sample Preservation: 2 - Amber 100ml unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Acenaphthene	83-32-9	2	0.403	ug/l	37-111	30	37-111	30	30			
Benzidine	92-87-5	20	6.01	ug/l	10-75	30	10-75	30	30			
1,2,4-Trichlorobenzene	120-82-1	5	0.977	ug/l	39-98	30	39-98	30	30			
Hexachlorobenzene	118-74-1	2	0.452	ug/l	40-140	30	40-140	30	30			
Bis(2-chloroethyl)ether	111-44-4	2	0.392	ug/l	40-140	30	40-140	30	30			
2-Chloronaphthalene	91-58-7	2	0.35	ug/l	40-140	30	40-140	30	30			
1,2-Dichlorobenzene	95-50-1	2	0.329	ug/l	40-140	30	40-140	30	30			
1,3-Dichlorobenzene	541-73-1	2	0.315	ug/l	40-140	30	40-140	30	30			
1,4-Dichlorobenzene	106-46-7	2	0.391	ug/l	36-97	30	36-97	30	30			
3,3'-Dichlorobenzidine	91-94-1	5	1.85	ug/l	40-140	30	40-140	30	30			
2,4-Dinitrotoluene	121-14-2	5	0.541	ug/l	48-143	30	48-143	30	30			
2,6-Dinitrotoluene	606-20-2	5	0.845	ug/l	40-140	30	40-140	30	30			
Azobenzene	122-66-7	2	0.418	ug/l	40-140	30	40-140	30	30			
Fluoranthene	206-44-0	2	0.411	ug/l	40-140	30	40-140	30	30			
4-Chlorophenyl phenyl ether	7005-72-3	2	0.386	ug/l	40-140	30	40-140	30	30			
4-Bromophenyl phenyl ether	101-55-3	2	0.244	ug/l	40-140	30	40-140	30	30			
Bis(2-chloroisopropyl)ether	108-60-1	2	0.403	ug/l	40-140	30	40-140	30	30			
Bis(2-chloroethoxy)methane	111-91-1	5	0.842	ug/l	40-140	30	40-140	30	30			
Hexachlorobutadiene	87-68-3	2	0.355	ug/l	40-140	30	40-140	30	30			
Hexachlorocyclopentadiene	77-47-4	20	1.23	ug/l	40-140	30	40-140	30	30			
Hexachloroethane	67-72-1	2	0.203	ug/l	40-140	30	40-140	30	30			
Isophorone	78-59-1	5	0.862	ug/l	40-140	30	40-140	30	30			
Naphthalene	91-20-3	2	0.542	ug/l	40-140	30	40-140	30	30			
Nitrobenzene	98-95-3	2	0.205	ug/l	40-140	30	40-140	30	30			
NitrosoDiPhenylAmine(NDPA)/DPA	86-30-6	2	0.924	ug/l	40-140	30	40-140	30	30			
n-Nitrosodi-n-propylamine	621-64-7	5	0.906	ug/l	29-132	30	29-132	30	30			
Bis(2-Ethylhexyl)phthalate	117-81-7	3	1.42	ug/l	40-140	30	40-140	30	30			
Butyl benzyl phthalate	85-68-7	5	2.61	ug/l	40-140	30	40-140	30	30			
Di-n-butylphthalate	84-74-2	5	0.957	ug/l	40-140	30	40-140	30	30			
Di-n-octylphthalate	117-84-0	5	2.26	ug/l	40-140	30	40-140	30	30			
Diethyl phthalate	84-66-2	5	0.765	ug/l	40-140	30	40-140	30	30			
Dimethyl phthalate	131-11-3	5	0.916	ug/l	40-140	30	40-140	30	30			
Benzo(a)anthracene	56-55-3	2	0.323	ug/l	40-140	30	40-140	30	30			
Benzo(a)pyrene	50-32-8	2	0.368	ug/l	40-140	30	40-140	30	30			
Benzo(b)fluoranthene	205-99-2	2	0.533	ug/l	40-140	30	40-140	30	30			
Benzo(k)fluoranthene	207-08-9	2	0.621	ug/l	40-140	30	40-140	30	30			
Chrysene	218-01-9	2	0.222	ug/l	40-140	30	40-140	30	30			
Acenaphthylene	208-96-8	2	0.315	ug/l	45-123	30	45-123	30	30			
Anthracene	120-12-7	2	0.467	ug/l	40-140	30	40-140	30	30			
Benzo(ghi)perylene	191-24-2	2	0.369	ug/l	40-140	30	40-140	30	30			
Fluorene	86-73-7	2	0.439	ug/l	40-140	30	40-140	30	30			
Phenanthrene	85-01-8	2	0.419	ug/l	40-140	30	40-140	30	30			

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Date Created: 04/17/25
Created By: Jason Hebert
File: PM19302-1

ABN Extractables - EPA 8270E (RVT) (WATER)

Holding Time: 7 days
Container/Sample Preservation: 2 - Amber 100ml unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Dibenzo(a,h)anthracene	53-70-3	2	0.286	ug/l	40-140	30	40-140	30	30			
Indeno(1,2,3-cd)Pyrene	193-39-5	2	0.484	ug/l	40-140	30	40-140	30	30			
Pyrene	129-00-0	2	0.407	ug/l	26-127	30	26-127	30	30			
Biphenyl	92-52-4	2	0.196	ug/l	40-140	30	40-140	30	30			
Aniline	62-53-3	2	0.67	ug/l	40-140	30	40-140	30	30			
4-Chloroaniline	106-47-8	5	0.468	ug/l	40-140	30	40-140	30	30			
1-Methylnaphthalene	90-12-0	2	0.415	ug/l	41-103	30	41-103	30	30			
2-Nitroaniline	88-74-4	5	1.03	ug/l	52-143	30	52-143	30	30			
3-Nitroaniline	99-09-2	5	1.16	ug/l	25-145	30	25-145	30	30			
4-Nitroaniline	100-01-6	5	1.45	ug/l	51-143	30	51-143	30	30			
Dibenzofuran	132-64-9	2	0.401	ug/l	40-140	30	40-140	30	30			
2-Methylnaphthalene	91-57-6	2	0.372	ug/l	40-140	30	40-140	30	30			
n-Nitrosodimethylamine	62-75-9	2	0.44	ug/l	22-74	30	22-74	30	30			
2,4,6-Trichlorophenol	88-06-2	5	2.09	ug/l	30-130	30	30-130	30	30			
P-Chloro-M-Cresol	59-50-7	2	0.606	ug/l	23-97	30	23-97	30	30			
2-Chlorophenol	95-57-8	2	0.653	ug/l	27-123	30	27-123	30	30			
2,4-Dichlorophenol	120-83-2	5	1.7	ug/l	30-130	30	30-130	30	30			
2,4-Dimethylphenol	105-67-9	5	2.04	ug/l	30-130	30	30-130	30	30			
2-Nitrophenol	88-75-5	10	1.95	ug/l	30-130	30	30-130	30	30			
4-Nitrophenol	100-02-7	10	1.42	ug/l	10-80	30	10-80	30	30			
2,4-Dinitrophenol	51-28-5	20	5.42	ug/l	20-130	30	20-130	30	30			
4,6-Dinitro-o-cresol	534-52-1	10	2.31	ug/l	20-164	30	20-164	30	30			
Pentachlorophenol	87-86-5	10	2.51	ug/l	9-103	30	9-103	30	30			
Phenol	108-95-2	5	0.35	ug/l	12-110	30	12-110	30	30			
2-Methylphenol	95-48-7	5	2.31	ug/l	30-130	30	30-130	30	30			
3-Methylphenol/4-Methylphenol	106-44-5	5	1.39	ug/l	30-130	30	30-130	30	30			
2,4,5-Trichlorophenol	95-95-4	5	2.07	ug/l	30-130	30	30-130	30	30			
Benzoic Acid	65-85-0	50	2.62	ug/l	10-164	30	10-164	30	30			
Benzyl Alcohol	100-51-6	2	0.381	ug/l	26-116	30	26-116	30	30			
Carbazole	86-74-8	2	0.309	ug/l	55-144	30	55-144	30	30			
Pyridine	110-86-1	3.5	0.308	ug/l	10-66	30	10-66	30	30			
2-Fluorophenol	*367-12-4*									*21-120*		
Phenol-d6	*13127-88-3*									*10-120*		
Nitrobenzene-d5	*4165-60-0*									*23-120*		
2-Fluorobiphenyl	*321-60-8*									*15-120*		
2,4,6-Tribromophenol	*118-79-6*									*10-120*		
4-Terphenyl-d14	*1718-51-0*									*41-149*		

Please Note that the RL information provided in this table is calculated using a 100% Solids factor. ***(Soil/Solids only)***
Please Note that the information provided in this table is subject to change at anytime at the discretion of Pace Analytical Services.

Semivolatile Sample Data

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-01	Date Collected	: 01/06/26 12:00
Client ID	: AREA05-BOTTOM-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 15:57
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-01	Analyst	: JG
Sample Amount	: 30.12 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	180	23.	U
118-74-1	Hexachlorobenzene	ND	130	25.	U
111-44-4	Bis(2-chloroethyl)ether	ND	200	30.	U
91-58-7	2-Chloronaphthalene	ND	220	22.	U
91-94-1	3,3'-Dichlorobenzidine	ND	220	59.	U
121-14-2	2,4-Dinitrotoluene	ND	220	44.	U
606-20-2	2,6-Dinitrotoluene	ND	220	38.	U
206-44-0	Fluoranthene	ND	130	25.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	24.	U
101-55-3	4-Bromophenyl phenyl ether	ND	220	34.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	260	38.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	240	22.	U
87-68-3	Hexachlorobutadiene	ND	220	32.	U
77-47-4	Hexachlorocyclopentadiene	ND	630	200	U
67-72-1	Hexachloroethane	ND	180	36.	U
78-59-1	Isophorone	ND	200	29.	U
91-20-3	Naphthalene	ND	220	27.	U
98-95-3	Nitrobenzene	ND	200	33.	U
86-30-6	NDPA/DPA	ND	180	25.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	220	34.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	220	77.	U
85-68-7	Butyl benzyl phthalate	ND	220	56.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-01	Date Collected	: 01/06/26 12:00
Client ID	: AREA05-BOTTOM-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 15:57
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-01	Analyst	: JG
Sample Amount	: 30.12 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	220	42.	U
117-84-0	Di-n-octylphthalate	ND	220	75.	U
84-66-2	Diethyl phthalate	ND	220	20.	U
131-11-3	Dimethyl phthalate	ND	220	46.	U
56-55-3	Benzo(a)anthracene	ND	130	25.	U
50-32-8	Benzo(a)pyrene	ND	180	54.	U
205-99-2	Benzo(b)fluoranthene	ND	130	37.	U
207-08-9	Benzo(k)fluoranthene	ND	130	35.	U
218-01-9	Chrysene	ND	130	23.	U
208-96-8	Acenaphthylene	ND	180	34.	U
120-12-7	Anthracene	ND	130	43.	U
191-24-2	Benzo(ghi)perylene	ND	180	26.	U
86-73-7	Fluorene	ND	220	22.	U
85-01-8	Phenanthrene	ND	130	27.	U
53-70-3	Dibenzo(a,h)anthracene	ND	130	26.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	31.	U
129-00-0	Pyrene	ND	130	22.	U
92-52-4	Biphenyl	ND	500	29.	U
106-47-8	4-Chloroaniline	ND	220	40.	U
88-74-4	2-Nitroaniline	ND	220	43.	U
99-09-2	3-Nitroaniline	ND	220	42.	U
100-01-6	4-Nitroaniline	ND	220	92.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-01	Date Collected	: 01/06/26 12:00
Client ID	: AREA05-BOTTOM-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 15:57
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-01	Analyst	: JG
Sample Amount	: 30.12 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	220	21.	U
91-57-6	2-Methylnaphthalene	ND	260	27.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	23.	U
98-86-2	Acetophenone	ND	220	27.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	42.	U
59-50-7	p-Chloro-m-cresol	ND	220	33.	U
95-57-8	2-Chlorophenol	ND	220	26.	U
120-83-2	2,4-Dichlorophenol	ND	200	36.	U
105-67-9	2,4-Dimethylphenol	ND	220	73.	U
88-75-5	2-Nitrophenol	ND	480	83.	U
100-02-7	4-Nitrophenol	ND	310	90.	U
51-28-5	2,4-Dinitrophenol	ND	1100	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	580	110	U
87-86-5	Pentachlorophenol	ND	180	49.	U
108-95-2	Phenol	ND	220	33.	U
95-48-7	2-Methylphenol	ND	220	34.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	320	35.	U
95-95-4	2,4,5-Trichlorophenol	ND	220	42.	U
86-74-8	Carbazole	ND	220	22.	U
1912-24-9	Atrazine	ND	180	78.	U
100-52-7	Benzaldehyde	ND	290	60.	U
105-60-2	Caprolactam	ND	220	67.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-01	Date Collected	: 01/06/26 12:00
Client ID	: AREA05-BOTTOM-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 15:57
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-01	Analyst	: JG
Sample Amount	: 30.12 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	45.	U
123-91-1	1,4-Dioxane	ND	33	10.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Lab ID	: L2600637-01	**Date Collected**	: 01/06/26 12:00
Client ID	: AREA05-BOTTOM-01062026	**Date Received**	: 01/07/26
Sample Location	: AREA E 140 LEE ST	**Date Analyzed**	: 01/09/26 15:57
Sample Matrix	: SOIL	**Date Extracted**	: 01/09/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 00637-01	**Analyst**	: JG
Sample Amount	: 30.12 g	**Instrument ID**	: MORK
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 75
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-02	Date Collected	: 01/06/26 13:45
Client ID	: AREA05-NW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:17
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-02	Analyst	: JG
Sample Amount	: 30.6 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	170	22.	U
118-74-1	Hexachlorobenzene	ND	120	23.	U
111-44-4	Bis(2-chloroethyl)ether	ND	190	28.	U
91-58-7	2-Chloronaphthalene	ND	210	21.	U
91-94-1	3,3'-Dichlorobenzidine	ND	210	56.	U
121-14-2	2,4-Dinitrotoluene	ND	210	42.	U
606-20-2	2,6-Dinitrotoluene	ND	210	36.	U
206-44-0	Fluoranthene	ND	120	24.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	22.	U
101-55-3	4-Bromophenyl phenyl ether	ND	210	32.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	250	36.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	220	21.	U
87-68-3	Hexachlorobutadiene	ND	210	30.	U
77-47-4	Hexachlorocyclopentadiene	ND	600	190	U
67-72-1	Hexachloroethane	ND	170	34.	U
78-59-1	Isophorone	ND	190	27.	U
91-20-3	Naphthalene	ND	210	25.	U
98-95-3	Nitrobenzene	ND	190	31.	U
86-30-6	NDPA/DPA	ND	170	24.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	210	32.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	210	72.	U
85-68-7	Butyl benzyl phthalate	ND	210	53.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-02	Date Collected	: 01/06/26 13:45
Client ID	: AREA05-NW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:17
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-02	Analyst	: JG
Sample Amount	: 30.6 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	210	40.	U
117-84-0	Di-n-octylphthalate	ND	210	71.	U
84-66-2	Diethyl phthalate	ND	210	19.	U
131-11-3	Dimethyl phthalate	ND	210	44.	U
56-55-3	Benzo(a)anthracene	ND	120	24.	U
50-32-8	Benzo(a)pyrene	ND	170	51.	U
205-99-2	Benzo(b)fluoranthene	ND	120	35.	U
207-08-9	Benzo(k)fluoranthene	ND	120	33.	U
218-01-9	Chrysene	ND	120	22.	U
208-96-8	Acenaphthylene	ND	170	32.	U
120-12-7	Anthracene	ND	120	41.	U
191-24-2	Benzo(ghi)perylene	ND	170	24.	U
86-73-7	Fluorene	ND	210	20.	U
85-01-8	Phenanthrene	ND	120	25.	U
53-70-3	Dibenzo(a,h)anthracene	ND	120	24.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	29.	U
129-00-0	Pyrene	ND	120	21.	U
92-52-4	Biphenyl	ND	480	27.	U
106-47-8	4-Chloroaniline	ND	210	38.	U
88-74-4	2-Nitroaniline	ND	210	40.	U
99-09-2	3-Nitroaniline	ND	210	39.	U
100-01-6	4-Nitroaniline	ND	210	86.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-02	Date Collected	: 01/06/26 13:45
Client ID	: AREA05-NW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:17
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-02	Analyst	: JG
Sample Amount	: 30.6 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	210	20.	U
91-57-6	2-Methylnaphthalene	ND	250	25.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	22.	U
98-86-2	Acetophenone	ND	210	26.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	40.	U
59-50-7	p-Chloro-m-cresol	ND	210	31.	U
95-57-8	2-Chlorophenol	180	210	25.	J
120-83-2	2,4-Dichlorophenol	ND	190	34.	U
105-67-9	2,4-Dimethylphenol	ND	210	69.	U
88-75-5	2-Nitrophenol	ND	450	78.	U
100-02-7	4-Nitrophenol	ND	290	85.	U
51-28-5	2,4-Dinitrophenol	ND	1000	97.	U
534-52-1	4,6-Dinitro-o-cresol	ND	540	100	U
87-86-5	Pentachlorophenol	ND	170	46.	U
108-95-2	Phenol	ND	210	32.	U
95-48-7	2-Methylphenol	ND	210	32.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	300	33.	U
95-95-4	2,4,5-Trichlorophenol	ND	210	40.	U
86-74-8	Carbazole	ND	210	20.	U
1912-24-9	Atrazine	ND	170	73.	U
100-52-7	Benzaldehyde	ND	280	56.	U
105-60-2	Caprolactam	ND	210	64.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-02	Date Collected	: 01/06/26 13:45
Client ID	: AREA05-NW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:17
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-02	Analyst	: JG
Sample Amount	: 30.6 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	42.	U
123-91-1	1,4-Dioxane	ND	31	9.6	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Lab ID	: L2600637-02	**Date Collected**	: 01/06/26 13:45
Client ID	: AREA05-NW-01062026	**Date Received**	: 01/07/26
Sample Location	: AREA E 140 LEE ST	**Date Analyzed**	: 01/09/26 16:17
Sample Matrix	: SOIL	**Date Extracted**	: 01/09/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 00637-02	**Analyst**	: JG
Sample Amount	: 30.6 g	**Instrument ID**	: MORK
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 78
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000108-90-7	Benzene, chloro-	1.78	12600	NJ
	Total TIC Compounds		12600J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-03	Date Collected	: 01/06/26 14:10
Client ID	: AREA05-WW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:37
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-03	Analyst	: JG
Sample Amount	: 30.5 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	180	23.	U
118-74-1	Hexachlorobenzene	ND	130	25.	U
111-44-4	Bis(2-chloroethyl)ether	ND	200	30.	U
91-58-7	2-Chloronaphthalene	ND	220	22.	U
91-94-1	3,3'-Dichlorobenzidine	ND	220	58.	U
121-14-2	2,4-Dinitrotoluene	ND	220	44.	U
606-20-2	2,6-Dinitrotoluene	ND	220	38.	U
206-44-0	Fluoranthene	ND	130	25.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	24.	U
101-55-3	4-Bromophenyl phenyl ether	ND	220	34.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	260	38.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	240	22.	U
87-68-3	Hexachlorobutadiene	ND	220	32.	U
77-47-4	Hexachlorocyclopentadiene	ND	630	200	U
67-72-1	Hexachloroethane	ND	180	36.	U
78-59-1	Isophorone	ND	200	28.	U
91-20-3	Naphthalene	ND	220	27.	U
98-95-3	Nitrobenzene	ND	200	32.	U
86-30-6	NDPA/DPA	ND	180	25.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	220	34.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	220	76.	U
85-68-7	Butyl benzyl phthalate	ND	220	55.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-03	Date Collected	: 01/06/26 14:10
Client ID	: AREA05-WW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:37
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-03	Analyst	: JG
Sample Amount	: 30.5 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	220	42.	U
117-84-0	Di-n-octylphthalate	ND	220	75.	U
84-66-2	Diethyl phthalate	ND	220	20.	U
131-11-3	Dimethyl phthalate	ND	220	46.	U
56-55-3	Benzo(a)anthracene	ND	130	25.	U
50-32-8	Benzo(a)pyrene	ND	180	54.	U
205-99-2	Benzo(b)fluoranthene	ND	130	37.	U
207-08-9	Benzo(k)fluoranthene	ND	130	35.	U
218-01-9	Chrysene	ND	130	23.	U
208-96-8	Acenaphthylene	ND	180	34.	U
120-12-7	Anthracene	ND	130	43.	U
191-24-2	Benzo(ghi)perylene	ND	180	26.	U
86-73-7	Fluorene	ND	220	21.	U
85-01-8	Phenanthrene	ND	130	27.	U
53-70-3	Dibenzo(a,h)anthracene	ND	130	25.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	31.	U
129-00-0	Pyrene	ND	130	22.	U
92-52-4	Biphenyl	ND	500	29.	U
106-47-8	4-Chloroaniline	ND	220	40.	U
88-74-4	2-Nitroaniline	ND	220	42.	U
99-09-2	3-Nitroaniline	ND	220	42.	U
100-01-6	4-Nitroaniline	ND	220	91.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-03	Date Collected	: 01/06/26 14:10
Client ID	: AREA05-WW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:37
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-03	Analyst	: JG
Sample Amount	: 30.5 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	220	21.	U
91-57-6	2-Methylnaphthalene	ND	260	26.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	23.	U
98-86-2	Acetophenone	ND	220	27.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	42.	U
59-50-7	p-Chloro-m-cresol	ND	220	33.	U
95-57-8	2-Chlorophenol	ND	220	26.	U
120-83-2	2,4-Dichlorophenol	ND	200	35.	U
105-67-9	2,4-Dimethylphenol	ND	220	73.	U
88-75-5	2-Nitrophenol	ND	480	83.	U
100-02-7	4-Nitrophenol	ND	310	90.	U
51-28-5	2,4-Dinitrophenol	ND	1000	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	570	100	U
87-86-5	Pentachlorophenol	ND	180	48.	U
108-95-2	Phenol	ND	220	33.	U
95-48-7	2-Methylphenol	ND	220	34.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	320	34.	U
95-95-4	2,4,5-Trichlorophenol	ND	220	42.	U
86-74-8	Carbazole	ND	220	21.	U
1912-24-9	Atrazine	ND	180	77.	U
100-52-7	Benzaldehyde	ND	290	59.	U
105-60-2	Caprolactam	ND	220	67.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-03	Date Collected	: 01/06/26 14:10
Client ID	: AREA05-WW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:37
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-03	Analyst	: JG
Sample Amount	: 30.5 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	44.	U
123-91-1	1,4-Dioxane	ND	33	10.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Lab ID	: L2600637-03	**Date Collected**	: 01/06/26 14:10
Client ID	: AREA05-WW-01062026	**Date Received**	: 01/07/26
Sample Location	: AREA E 140 LEE ST	**Date Analyzed**	: 01/09/26 16:37
Sample Matrix	: SOIL	**Date Extracted**	: 01/09/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 00637-03	**Analyst**	: JG
Sample Amount	: 30.5 g	**Instrument ID**	: MORK
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 75
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-04	Date Collected	: 01/06/26 14:15
Client ID	: AREA05-SW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:56
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-04	Analyst	: JG
Sample Amount	: 30.71 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	170	22.	U
118-74-1	Hexachlorobenzene	ND	130	24.	U
111-44-4	Bis(2-chloroethyl)ether	ND	190	29.	U
91-58-7	2-Chloronaphthalene	ND	210	21.	U
91-94-1	3,3'-Dichlorobenzidine	ND	210	56.	U
121-14-2	2,4-Dinitrotoluene	ND	210	42.	U
606-20-2	2,6-Dinitrotoluene	ND	210	36.	U
206-44-0	Fluoranthene	ND	130	24.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	23.	U
101-55-3	4-Bromophenyl phenyl ether	ND	210	32.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	250	36.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	230	21.	U
87-68-3	Hexachlorobutadiene	ND	210	31.	U
77-47-4	Hexachlorocyclopentadiene	ND	610	190	U
67-72-1	Hexachloroethane	ND	170	34.	U
78-59-1	Isophorone	ND	190	28.	U
91-20-3	Naphthalene	ND	210	26.	U
98-95-3	Nitrobenzene	ND	190	31.	U
86-30-6	NDPA/DPA	ND	170	24.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	210	33.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	210	73.	U
85-68-7	Butyl benzyl phthalate	ND	210	53.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-04	Date Collected	: 01/06/26 14:15
Client ID	: AREA05-SW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:56
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-04	Analyst	: JG
Sample Amount	: 30.71 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	210	40.	U
117-84-0	Di-n-octylphthalate	ND	210	72.	U
84-66-2	Diethyl phthalate	ND	210	20.	U
131-11-3	Dimethyl phthalate	ND	210	44.	U
56-55-3	Benzo(a)anthracene	ND	130	24.	U
50-32-8	Benzo(a)pyrene	ND	170	52.	U
205-99-2	Benzo(b)fluoranthene	ND	130	36.	U
207-08-9	Benzo(k)fluoranthene	ND	130	34.	U
218-01-9	Chrysene	ND	130	22.	U
208-96-8	Acenaphthylene	ND	170	33.	U
120-12-7	Anthracene	ND	130	41.	U
191-24-2	Benzo(ghi)perylene	ND	170	25.	U
86-73-7	Fluorene	ND	210	21.	U
85-01-8	Phenanthrene	ND	130	26.	U
53-70-3	Dibenzo(a,h)anthracene	ND	130	24.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	30.	U
129-00-0	Pyrene	ND	130	21.	U
92-52-4	Biphenyl	ND	480	28.	U
106-47-8	4-Chloroaniline	ND	210	38.	U
88-74-4	2-Nitroaniline	ND	210	41.	U
99-09-2	3-Nitroaniline	ND	210	40.	U
100-01-6	4-Nitroaniline	ND	210	88.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-04	Date Collected	: 01/06/26 14:15
Client ID	: AREA05-SW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:56
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-04	Analyst	: JG
Sample Amount	: 30.71 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	210	20.	U
91-57-6	2-Methylnaphthalene	ND	250	26.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	22.	U
98-86-2	Acetophenone	ND	210	26.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	40.	U
59-50-7	p-Chloro-m-cresol	ND	210	32.	U
95-57-8	2-Chlorophenol	ND	210	25.	U
120-83-2	2,4-Dichlorophenol	ND	190	34.	U
105-67-9	2,4-Dimethylphenol	ND	210	70.	U
88-75-5	2-Nitrophenol	ND	460	80.	U
100-02-7	4-Nitrophenol	ND	300	86.	U
51-28-5	2,4-Dinitrophenol	ND	1000	99.	U
534-52-1	4,6-Dinitro-o-cresol	ND	550	100	U
87-86-5	Pentachlorophenol	ND	170	47.	U
108-95-2	Phenol	ND	210	32.	U
95-48-7	2-Methylphenol	ND	210	33.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	300	33.	U
95-95-4	2,4,5-Trichlorophenol	ND	210	41.	U
86-74-8	Carbazole	ND	210	21.	U
1912-24-9	Atrazine	ND	170	74.	U
100-52-7	Benzaldehyde	ND	280	57.	U
105-60-2	Caprolactam	ND	210	64.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-04	Date Collected	: 01/06/26 14:15
Client ID	: AREA05-SW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:56
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-04	Analyst	: JG
Sample Amount	: 30.71 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	43.	U
123-91-1	1,4-Dioxane	ND	32	9.8	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Lab ID	: L2600637-04	**Date Collected**	: 01/06/26 14:15
Client ID	: AREA05-SW-01062026	**Date Received**	: 01/07/26
Sample Location	: AREA E 140 LEE ST	**Date Analyzed**	: 01/09/26 16:56
Sample Matrix	: SOIL	**Date Extracted**	: 01/09/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 00637-04	**Analyst**	: JG
Sample Amount	: 30.71 g	**Instrument ID**	: MORK
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 77
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2163236-1	Date Collected	: NA
Client ID	: WG2163236-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/09/26 15:37
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 163236-1	Analyst	: JG
Sample Amount	: 30.66 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	130	17.	U
118-74-1	Hexachlorobenzene	ND	98	18.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	22.	U
91-58-7	2-Chloronaphthalene	ND	160	16.	U
91-94-1	3,3'-Dichlorobenzidine	ND	160	43.	U
121-14-2	2,4-Dinitrotoluene	ND	160	33.	U
606-20-2	2,6-Dinitrotoluene	ND	160	28.	U
206-44-0	Fluoranthene	ND	98	19.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	160	17.	U
101-55-3	4-Bromophenyl phenyl ether	ND	160	25.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	28.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	16.	U
87-68-3	Hexachlorobutadiene	ND	160	24.	U
77-47-4	Hexachlorocyclopentadiene	ND	470	150	U
67-72-1	Hexachloroethane	ND	130	26.	U
78-59-1	Isophorone	ND	150	21.	U
91-20-3	Naphthalene	ND	160	20.	U
98-95-3	Nitrobenzene	ND	150	24.	U
86-30-6	NDPA/DPA	ND	130	18.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	160	25.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	160	56.	U
85-68-7	Butyl benzyl phthalate	ND	160	41.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2163236-1	Date Collected	: NA
Client ID	: WG2163236-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/09/26 15:37
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 163236-1	Analyst	: JG
Sample Amount	: 30.66 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	160	31.	U
117-84-0	Di-n-octylphthalate	ND	160	55.	U
84-66-2	Diethyl phthalate	ND	160	15.	U
131-11-3	Dimethyl phthalate	ND	160	34.	U
56-55-3	Benzo(a)anthracene	ND	98	18.	U
50-32-8	Benzo(a)pyrene	ND	130	40.	U
205-99-2	Benzo(b)fluoranthene	ND	98	27.	U
207-08-9	Benzo(k)fluoranthene	ND	98	26.	U
218-01-9	Chrysene	ND	98	17.	U
208-96-8	Acenaphthylene	ND	130	25.	U
120-12-7	Anthracene	ND	98	32.	U
191-24-2	Benzo(ghi)perylene	ND	130	19.	U
86-73-7	Fluorene	ND	160	16.	U
85-01-8	Phenanthrene	ND	98	20.	U
53-70-3	Dibenzo(a,h)anthracene	ND	98	19.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	130	23.	U
129-00-0	Pyrene	ND	98	16.	U
92-52-4	Biphenyl	ND	370	21.	U
106-47-8	4-Chloroaniline	ND	160	30.	U
88-74-4	2-Nitroaniline	ND	160	31.	U
99-09-2	3-Nitroaniline	ND	160	31.	U
100-01-6	4-Nitroaniline	ND	160	68.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2163236-1	Date Collected	: NA
Client ID	: WG2163236-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/09/26 15:37
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 163236-1	Analyst	: JG
Sample Amount	: 30.66 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	160	15.	U
91-57-6	2-Methylnaphthalene	ND	200	20.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	160	17.	U
98-86-2	Acetophenone	ND	160	20.	U
88-06-2	2,4,6-Trichlorophenol	ND	98	31.	U
59-50-7	p-Chloro-m-cresol	ND	160	24.	U
95-57-8	2-Chlorophenol	ND	160	19.	U
120-83-2	2,4-Dichlorophenol	ND	150	26.	U
105-67-9	2,4-Dimethylphenol	ND	160	54.	U
88-75-5	2-Nitrophenol	ND	350	61.	U
100-02-7	4-Nitrophenol	ND	230	66.	U
51-28-5	2,4-Dinitrophenol	ND	780	76.	U
534-52-1	4,6-Dinitro-o-cresol	ND	420	78.	U
87-86-5	Pentachlorophenol	ND	130	36.	U
108-95-2	Phenol	ND	160	25.	U
95-48-7	2-Methylphenol	ND	160	25.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	230	26.	U
95-95-4	2,4,5-Trichlorophenol	ND	160	31.	U
86-74-8	Carbazole	ND	160	16.	U
1912-24-9	Atrazine	ND	130	57.	U
100-52-7	Benzaldehyde	ND	220	44.	U
105-60-2	Caprolactam	ND	160	50.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2163236-1	Date Collected	: NA
Client ID	: WG2163236-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/09/26 15:37
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 163236-1	Analyst	: JG
Sample Amount	: 30.66 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	160	33.	U
123-91-1	1,4-Dioxane	ND	24	7.5	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Lab ID	: WG2163236-1	**Date Collected**	: NA
Client ID	: WG2163236-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 01/09/26 15:37
Sample Matrix	: SOIL	**Date Extracted**	: 01/09/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 163236-1	**Analyst**	: JG
Sample Amount	: 30.66 g	**Instrument ID**	: MORK
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: NA
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260109\
Data File : 00637-01.D
Acq On : 9 Jan 2026 3:57 pm
Operator : Mork:jg
Sample : L2600637-01,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 09 17:31:31 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.143	152	88393	40.000	ug/ml		0.00
Standard Area 1 = 86645			Recovery = 102.02%				
27) IS2_1,4-Dichlorobenzen...	3.143	152	88393	40.000	ug/ml		0.00
Standard Area 3 = 92004			Recovery = 96.08%				
32) IS3_1,4-Dichlorobenzen...	3.143	152	88393	40.000	ug/ml		0.00
Standard Area 2 = 80476			Recovery = 109.84%				
35) IS1_Naphthalene-d8	4.230	136	340648	40.000	ug/ml	#	0.00
Standard Area 1 = 319179			Recovery = 106.73%				
55) IS2_Naphthalene-d8	4.230	136	340648	40.000	ug/ml	#	0.00
Standard Area 3 = 342158			Recovery = 99.56%				
63) IS1_Acenaphthene-d10	5.729	164	213301	40.000	ug/ml		0.00
Standard Area 1 = 187686			Recovery = 113.65%				
83) IS2_Acenaphthene-d10	5.729	164	213301	40.000	ug/ml		0.00
Standard Area 3 = 203899			Recovery = 104.61%				
86) IS3_Acenaphthene-d10	5.729	164	213301	40.000	ug/ml		0.00
Standard Area 2 = 181013			Recovery = 117.84%				
88) IS1_Phenanthrene-d10	6.986	188	479083	40.000	ug/ml		0.00
Standard Area 1 = 419338			Recovery = 114.25%				
100) IS3_Phenanthrene-d10	6.986	188	479083	40.000	ug/ml		0.00
Standard Area 2 = 404426			Recovery = 118.46%				
104) IS1_Chrysene-d12	9.289	240	550716	40.000	ug/ml		0.00
Standard Area 1 = 495949			Recovery = 111.04%				
113) IS1_Perylene-d12	10.782	264	691708	40.000	ug/ml		0.00
Standard Area 1 = 628021			Recovery = 110.14%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.051	112	107041	50.398	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 100.80%				
7) Phenol-d6	2.914	99	134243	50.978	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 101.96%				
19) Nitrobenzene-d5	3.631	82	62768	26.677	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 106.71%				
46) 2-Fluorobiphenyl	5.188	172	167986	20.234	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 80.94%				
79) 2,4,6-Tribromophenol	6.410	330	68506	40.083	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 80.17%				

Data Path : I:\8270\Mork\260109\
Data File : 00637-01.D
Acq On : 9 Jan 2026 3:57 pm
Operator : Mork:jg
Sample : L2600637-01,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 09 17:31:31 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	8.390	244	289336	22.036	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 88.14%

Target Compounds				Qvalue
6) 2-Chlorophenol	0.000	0	N.D.	
8) Phenol	0.000	0	N.D.	
9) Bis(2-chloroethyl)ether	0.000	0	N.D.	
14) Bis(2-chloroisopropyl)...	0.000	0	N.D.	
15) 2-Methylphenol	0.000	0	N.D.	
16) Hexachloroethane	0.000	0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000	0	N.D.	d
18) 3-Methylphenol/4-Methy...	0.000	0	N.D.	
20) Nitrobenzene	0.000	0	N.D.	
21) Isophorone	0.000	0	N.D.	d
22) 2-Nitrophenol	0.000	0	N.D.	
23) 2,4-Dimethylphenol	0.000	0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000	0	N.D.	
25) 2,4-Dichlorophenol	0.000	0	N.D.	
28) Benzaldehyde	0.000	0	N.D.	
29) Acetophenone	0.000	0	N.D.	
33) 1,4-Dioxane	0.000	0	N.D.	
36) Naphthalene	0.000	0	N.D.	
38) 4-Chloroaniline	0.000	0	N.D.	
39) Hexachlorobutadiene	0.000	0	N.D.	
40) p-Chloro-m-cresol	0.000	0	N.D.	
41) 2-Methylnaphthalene	0.000	0	N.D.	
43) Hexachlorocyclopentadiene	0.000	0	N.D.	
44) 2,4,6-Trichlorophenol	0.000	0	N.D.	
45) 2,4,5-Trichlorophenol	0.000	0	N.D.	
47) 2-Chloronaphthalene	0.000	0	N.D.	
48) 2-Nitroaniline	0.000	0	N.D.	
51) Dimethyl phthalate	0.000	0	N.D.	d
52) Acenaphthylene	0.000	0	N.D.	
53) 2,6-Dinitrotoluene	0.000	0	N.D.	d
60) Caprolactam	0.000	0	N.D.	
61) 1,2,4,5-Tetrachloroben...	0.000	0	N.D.	
62) Biphenyl	0.000	0	N.D.	

Data Path : I:\8270\Mork\260109\
Data File : 00637-01.D
Acq On : 9 Jan 2026 3:57 pm
Operator : Mork:jg
Sample : L2600637-01,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 09 17:31:31 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 3-Nitroaniline	0.000		0	N.D.		
65) Acenaphthene	0.000		0	N.D.	d	
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	0.000		0	N.D.		
68) 2,4-Dinitrotoluene	0.000		0	N.D.	d	
69) 4-Nitrophenol	0.000		0	N.D.		
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		
73) Fluorene	0.000		0	N.D.	d	
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75) 4-Nitroaniline	0.000		0	N.D.		
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.		
77) NDPA/DPA	0.000		0	N.D.	d	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.	d	
81) Hexachlorobenzene	0.000		0	N.D.		
82) Pentachlorophenol	0.000		0	N.D.		
87) Atrazine	0.000		0	N.D.		
89) Phenanthrene	0.000		0	N.D.	d	
90) Anthracene	0.000		0	N.D.	d	
91) Carbazole	0.000		0	N.D.		
92) Di-n-butylphthalate	0.000		0	N.D.	d	
93) Fluoranthene	0.000		0	N.D.	d	
95) Pyrene	0.000		0	N.D.	d	
97) Butyl benzyl phthalate	0.000		0	N.D.		
105) Benzo(a)anthracene	0.000		0	N.D.	d	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
107) Chrysene	0.000		0	N.D.	d	
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
109) Di-n-octylphthalate	0.000		0	N.D.	d	
110) Benzo(b)fluoranthene	0.000		0	N.D.	d	
111) Benzo(k)fluoranthene	0.000		0	N.D.	d	
112) Benzo(a)pyrene	0.000		0	N.D.	d	
114) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
115) Dibenzo(a,h)anthracene	0.000		0	N.D.		
116) Benzo(ghi)perylene	0.000		0	N.D.	d	

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260109\
Data File : 00637-01.D
Acq On : 9 Jan 2026 3:57 pm
Operator : Mork:jg
Sample : L2600637-01,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 09 17:31:31 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

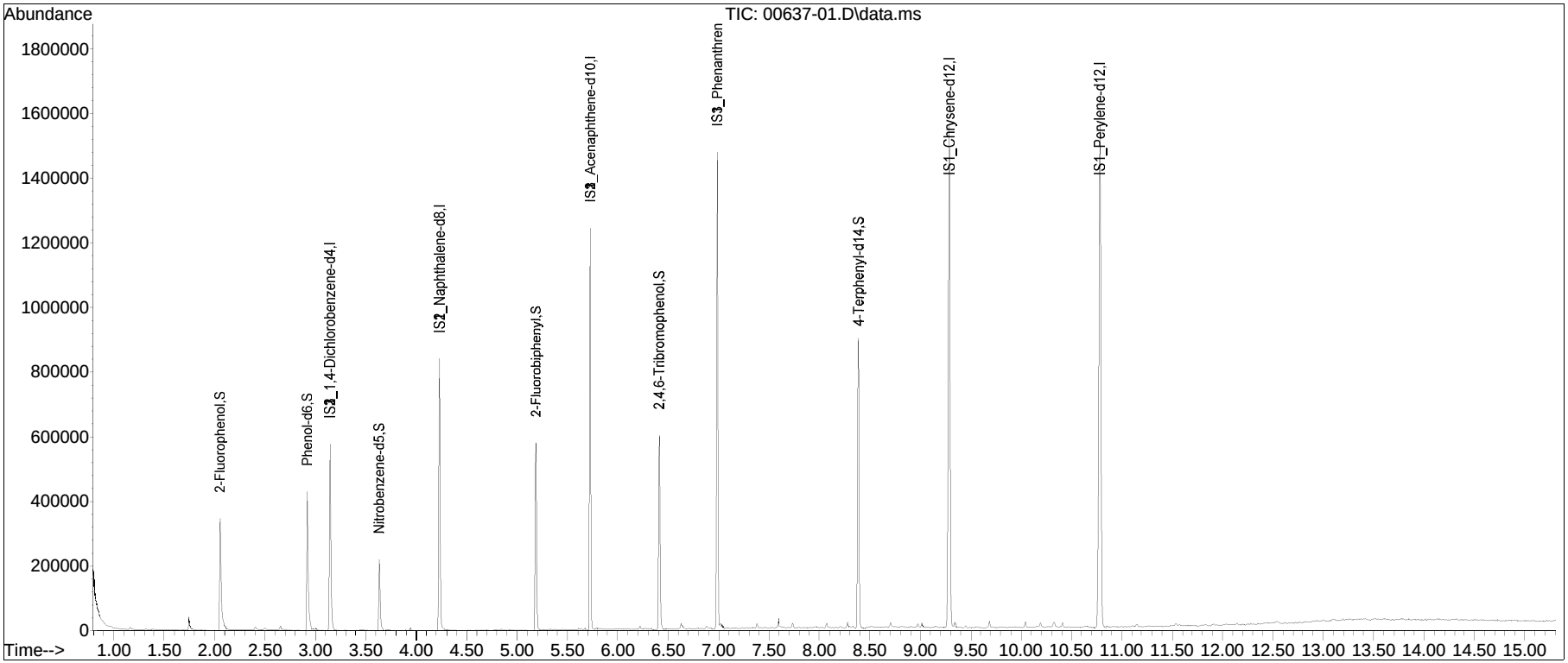
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260109\
Data File : 00637-01.D
Acq On : 9 Jan 2026 3:57 pm
Operator : Mork:jg
Sample : L2600637-01,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jan 09 17:31:31 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAAP90109.D•



Manual Integration Report

Data Path	: I:\8270\Mork\260109\	QMethod	: FS251209Mork.m
Data File	: 00637-01.D	Operator	: Mork:jg
Date Inj'd	: 1/9/2026 3:57 pm	Instrument	: Mork
Sample	: L2600637-01,32,,R3C,gmr	Quant Date	: 1/9/2026 4:13 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\Mork\260109\
Data File : 00637-01.D
Acq On : 9 Jan 2026 3:57 pm
Operator : Mork:jg
Sample : L2600637-01,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 16 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.001 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\Mork\260109\FS251209Mork.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 00637-01.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.739	162	163	178	rVB	40389	46896	2.48%	0.484%
2	2.051	213	216	235	rBV	346493	378749	20.01%	3.911%
3	2.914	360	363	371	rBV	429047	394616	20.85%	4.075%
4	3.143	399	402	411	rBV	576583	493188	26.06%	5.092%
5	3.631	482	485	495	rBV	219477	187078	9.89%	1.932%
6	4.230	583	587	599	rBV	840338	661566	34.96%	6.831%
7	5.188	746	750	753	rBV	580118	477543	25.24%	4.931%
8	5.729	838	842	845	rBV	1244710	934757	49.40%	9.652%
9	6.410	954	958	967	rBV	600771	539344	28.50%	5.569%
10	6.628	989	995	1003	rBV4	16626	28991	1.53%	0.299%
11	6.986	1052	1056	1059	rBV	1475336	1171720	61.92%	12.099%
12	7.591	1157	1159	1166	rVB2	27309	23815	1.26%	0.246%
13	8.384	1291	1294	1298	rBV	896851	816354	43.14%	8.429%
14	9.289	1443	1448	1454	rBV	1549033	1542642	81.52%	15.929%
15	9.342	1454	1457	1462	rVB4	17186	20295	1.07%	0.210%
16	9.689	1509	1516	1521	rBV3	21062	30175	1.59%	0.312%
17	10.041	1573	1576	1582	rVB2	17414	22359	1.18%	0.231%
18	10.323	1619	1624	1627	rBV3	15926	22343	1.18%	0.231%
19	10.782	1696	1702	1712	rBV	1555360	1892340	100.00%	19.539%

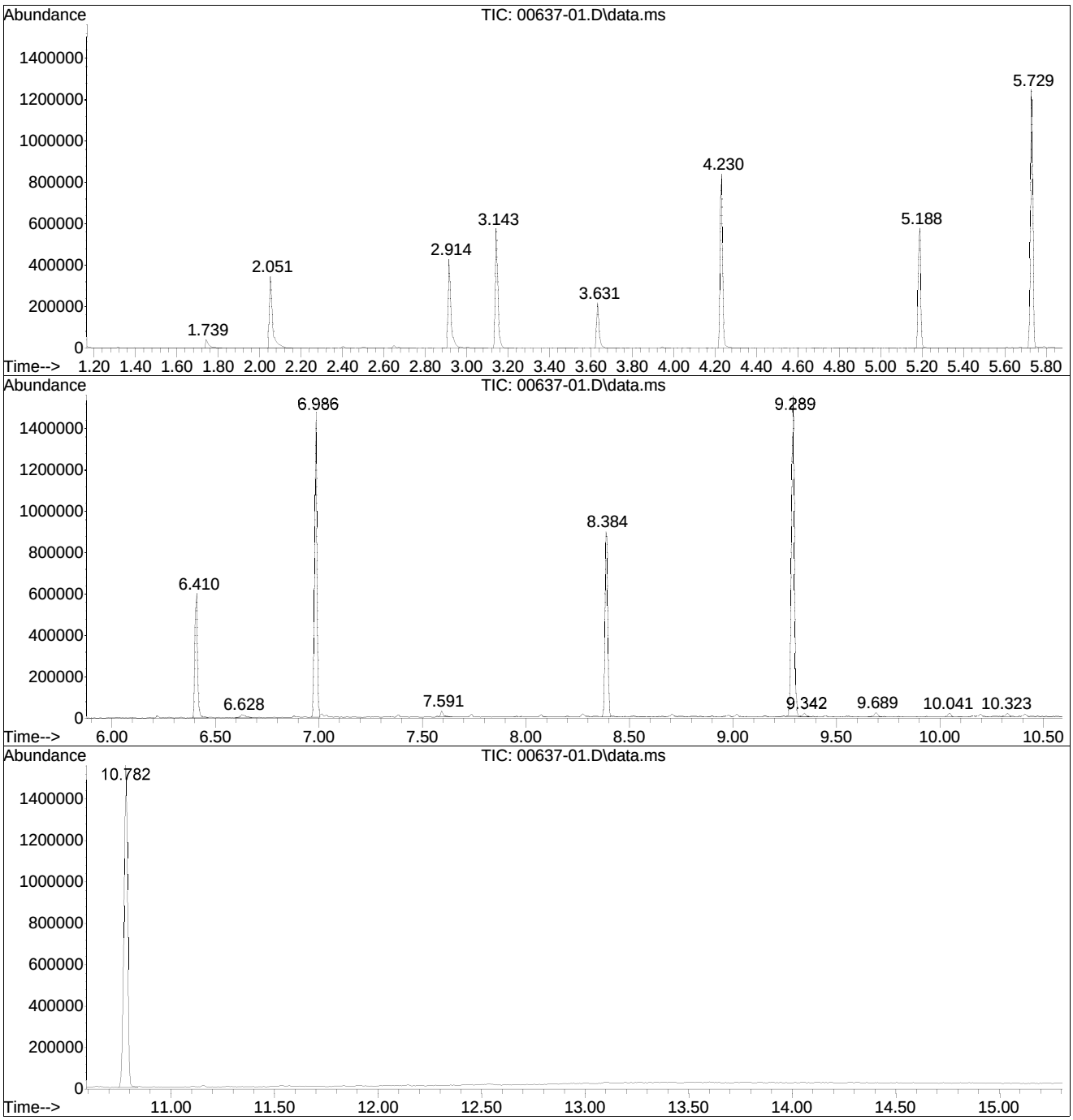
Sum of corrected areas: 9684771

LSC Report - Integrated Chromatogram

Data Path : I:\8270\Mork\260109\
Data File : 00637-01.D
Acq On : 9 Jan 2026 3:57 pm
Operator : Mork:jg
Sample : L2600637-01,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 16 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : I:\8270\Mork\260109\
Data File : 00637-01.D
Acq On : 9 Jan 2026 3:57 pm
Operator : Mork:jg
Sample : L2600637-01,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 16 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\Mork\260109\
Data File : 00637-01.D
Acq On : 9 Jan 2026 3:57 pm
Operator : Mork:jg
Sample : L2600637-01,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 16 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260109\
Data File : 00637-02.D
Acq On : 9 Jan 2026 4:17 pm
Operator : Mork:jg
Sample : L2600637-02,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 09 17:17:41 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.143	152	86930	40.000	ug/ml		0.00
Standard Area 1 = 86645			Recovery = 100.33%				
27) IS2_1,4-Dichlorobenzen...	3.143	152	86930	40.000	ug/ml		0.00
Standard Area 3 = 92004			Recovery = 94.49%				
32) IS3_1,4-Dichlorobenzen...	3.143	152	86930	40.000	ug/ml		0.00
Standard Area 2 = 80476			Recovery = 108.02%				
35) IS1_Naphthalene-d8	4.230	136	348590	40.000	ug/ml	#	0.00
Standard Area 1 = 319179			Recovery = 109.21%				
55) IS2_Naphthalene-d8	4.230	136	348590	40.000	ug/ml	#	0.00
Standard Area 3 = 342158			Recovery = 101.88%				
63) IS1_Acenaphthene-d10	5.729	164	230819	40.000	ug/ml		0.00
Standard Area 1 = 187686			Recovery = 122.98%				
83) IS2_Acenaphthene-d10	5.729	164	230819	40.000	ug/ml		0.00
Standard Area 3 = 203899			Recovery = 113.20%				
86) IS3_Acenaphthene-d10	5.729	164	230819	40.000	ug/ml		0.00
Standard Area 2 = 181013			Recovery = 127.52%				
88) IS1_Phenanthrene-d10	6.986	188	514372	40.000	ug/ml		0.00
Standard Area 1 = 419338			Recovery = 122.66%				
100) IS3_Phenanthrene-d10	6.986	188	514372	40.000	ug/ml		0.00
Standard Area 2 = 404426			Recovery = 127.19%				
104) IS1_Chrysene-d12	9.289	240	621569	40.000	ug/ml		0.00
Standard Area 1 = 495949			Recovery = 125.33%				
113) IS1_Perylene-d12	10.787	264	774243	40.000	ug/ml		0.00
Standard Area 1 = 628021			Recovery = 123.28%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.050	112	89862	43.022	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 86.04%				
7) Phenol-d6	2.914	99	113626	43.875	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 87.75%				
19) Nitrobenzene-d5	3.631	82	54166	23.408	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.63%				
46) 2-Fluorobiphenyl	5.188	172	150386	17.702	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 70.81%				
79) 2,4,6-Tribromophenol	6.410	330	62067	33.559	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 67.12%				

Data Path : I:\8270\Mork\260109\
Data File : 00637-02.D
Acq On : 9 Jan 2026 4:17 pm
Operator : Mork:jg
Sample : L2600637-02,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 09 17:17:41 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	8.384	244	268364	19.036	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 76.14%

Target Compounds						Qvalue
6) 2-Chlorophenol	2.973	128	11100	4.441	ug/ml#	89
8) Phenol	0.000		0	N.D.		
9) Bis(2-chloroethyl)ether	0.000		0	N.D.		
14) Bis(2-chloroisopropyl)...	0.000		0	N.D.		
15) 2-Methylphenol	0.000		0	N.D.		
16) Hexachloroethane	0.000		0	N.D.		
17) n-Nitrosodi-n-propylamine	0.000		0	N.D.	d	
18) 3-Methylphenol/4-Methy...	0.000		0	N.D.		
20) Nitrobenzene	0.000		0	N.D.		
21) Isophorone	0.000		0	N.D.	d	
22) 2-Nitrophenol	0.000		0	N.D.		
23) 2,4-Dimethylphenol	0.000		0	N.D.	d	
24) Bis(2-chloroethoxy)met...	0.000		0	N.D.		
25) 2,4-Dichlorophenol	0.000		0	N.D.		
28) Benzaldehyde	0.000		0	N.D.		
29) Acetophenone	0.000		0	N.D.		
33) 1,4-Dioxane	0.000		0	N.D.		
36) Naphthalene	0.000		0	N.D.	d	
38) 4-Chloroaniline	0.000		0	N.D.	d	
39) Hexachlorobutadiene	0.000		0	N.D.		
40) p-Chloro-m-cresol	0.000		0	N.D.		
41) 2-Methylnaphthalene	0.000		0	N.D.		
43) Hexachlorocyclopentadiene	0.000		0	N.D.		
44) 2,4,6-Trichlorophenol	0.000		0	N.D.		
45) 2,4,5-Trichlorophenol	0.000		0	N.D.		
47) 2-Chloronaphthalene	0.000		0	N.D.		
48) 2-Nitroaniline	0.000		0	N.D.		
51) Dimethyl phthalate	0.000		0	N.D.	d	
52) Acenaphthylene	0.000		0	N.D.		
53) 2,6-Dinitrotoluene	0.000		0	N.D.	d	
60) Caprolactam	0.000		0	N.D.		
61) 1,2,4,5-Tetrachloroben...	0.000		0	N.D.		
62) Biphenyl	0.000		0	N.D.		

Data Path : I:\8270\Mork\260109\
Data File : 00637-02.D
Acq On : 9 Jan 2026 4:17 pm
Operator : Mork:jg
Sample : L2600637-02,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 09 17:17:41 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 3-Nitroaniline	0.000		0	N.D.		
65) Acenaphthene	0.000		0	N.D.	d	
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	0.000		0	N.D.		
68) 2,4-Dinitrotoluene	0.000		0	N.D.	d	
69) 4-Nitrophenol	0.000		0	N.D.		
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		
73) Fluorene	0.000		0	N.D.	d	
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75) 4-Nitroaniline	0.000		0	N.D.		
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.		
77) NDPA/DPA	0.000		0	N.D.	d	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.	d	
81) Hexachlorobenzene	0.000		0	N.D.		
82) Pentachlorophenol	0.000		0	N.D.		
87) Atrazine	0.000		0	N.D.		
89) Phenanthrene	0.000		0	N.D.	d	
90) Anthracene	0.000		0	N.D.	d	
91) Carbazole	0.000		0	N.D.		
92) Di-n-butylphthalate	0.000		0	N.D.	d	
93) Fluoranthene	0.000		0	N.D.	d	
95) Pyrene	0.000		0	N.D.	d	
97) Butyl benzyl phthalate	8.848	149	2441	0.346	ug/ml#	87
105) Benzo(a)anthracene	0.000		0	N.D.	d	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
107) Chrysene	0.000		0	N.D.	d	
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
109) Di-n-octylphthalate	0.000		0	N.D.	d	
110) Benzo(b)fluoranthene	0.000		0	N.D.	d	
111) Benzo(k)fluoranthene	0.000		0	N.D.	d	
112) Benzo(a)pyrene	0.000		0	N.D.	d	
114) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	d	
115) Dibenzo(a,h)anthracene	0.000		0	N.D.		
116) Benzo(ghi)perylene	0.000		0	N.D.	d	

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260109\
Data File : 00637-02.D
Acq On : 9 Jan 2026 4:17 pm
Operator : Mork:jg
Sample : L2600637-02,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 09 17:17:41 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

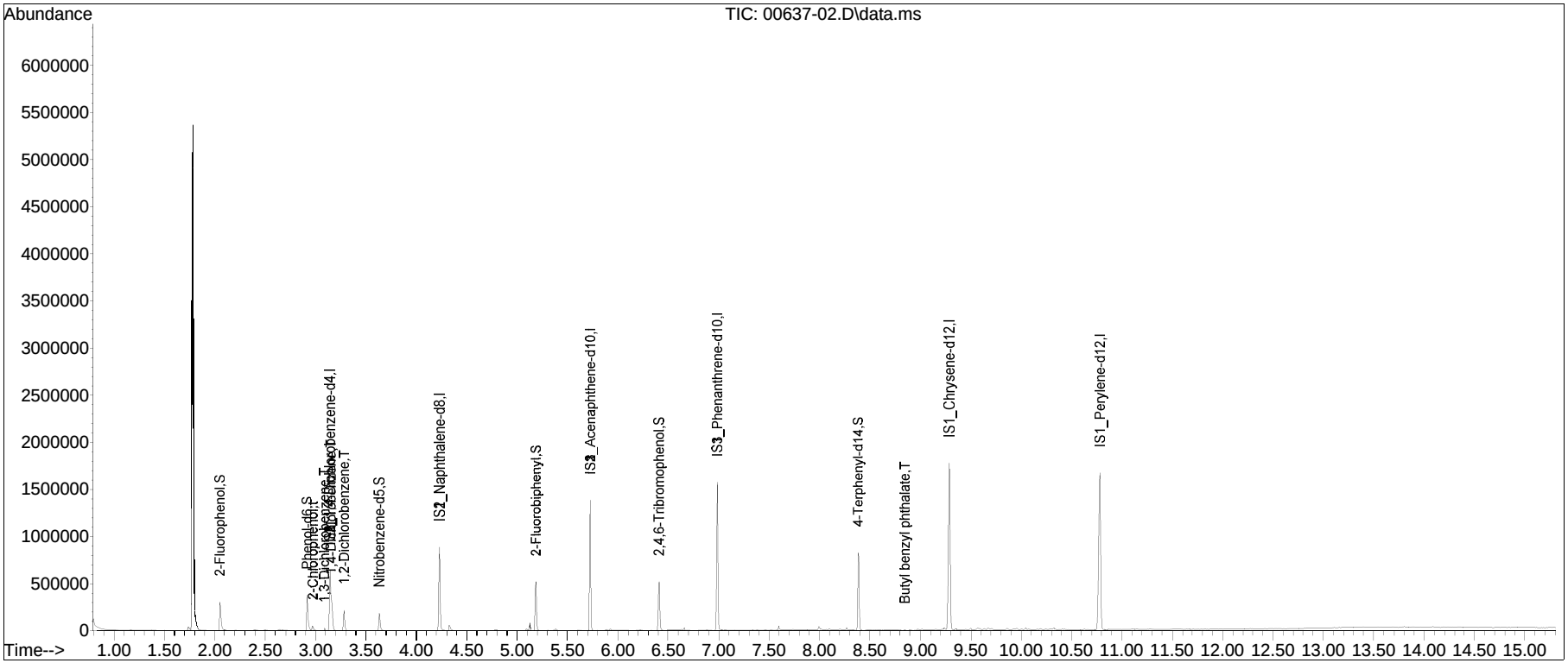
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

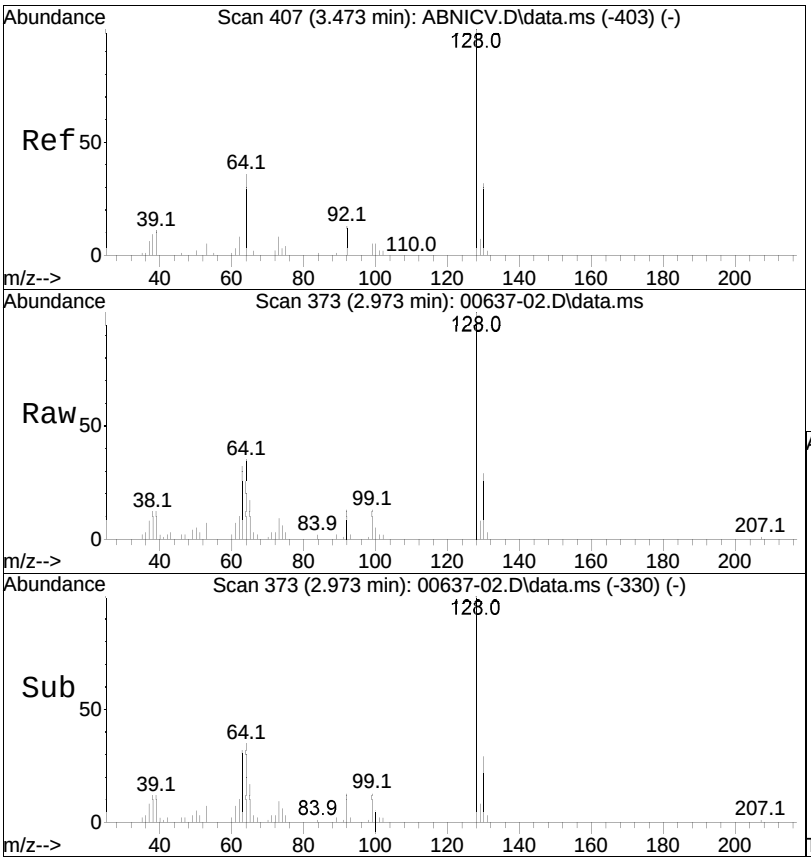
Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260109\
Data File : 00637-02.D
Acq On : 9 Jan 2026 4:17 pm
Operator : Mork:jg
Sample : L2600637-02,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 09 17:17:41 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAAP90109.D•

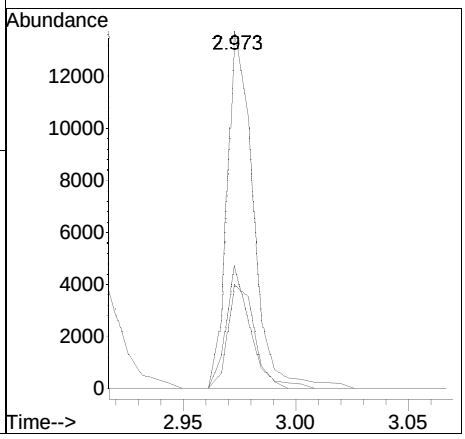


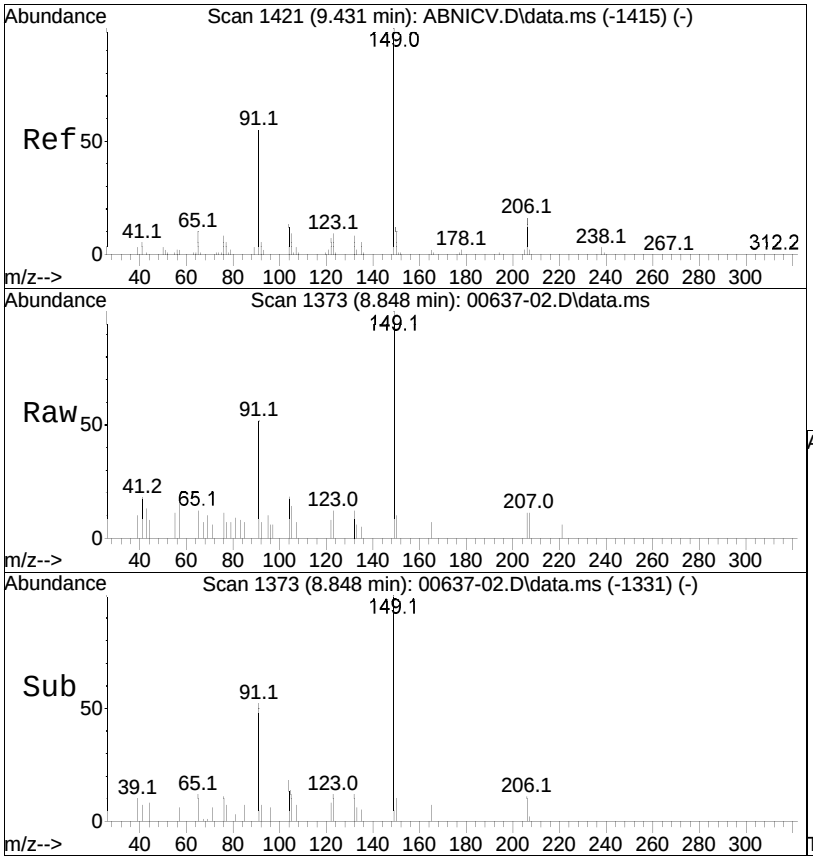


#6
2-Chlorophenol
Concen: 4.44 ug/ml
RT: 2.973 min Scan# 373
Delta R.T. -0.000 min
Lab File: 00637-02.D
Acq: 9 Jan 2026 4:17 pm

Tgt Ion:128 Resp: 11100

Ion	Ratio	Lower	Upper
128	100		
64	32.0	33.5	50.3#
130	29.5	25.9	38.9

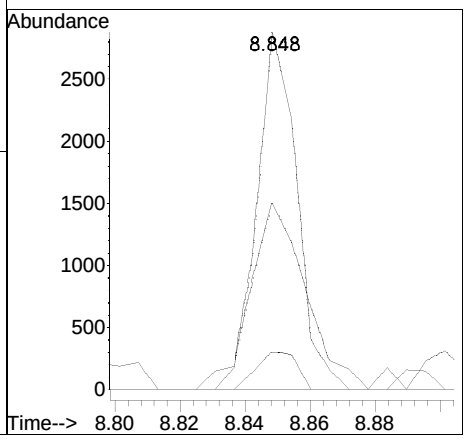




#97
Butyl benzyl phthalate
Concen: 0.35 ug/ml
RT: 8.848 min Scan# 1373
Delta R.T. -0.001 min
Lab File: 00637-02.D
Acq: 9 Jan 2026 4:17 pm

Tgt Ion:149 Resp: 2441

Ion	Ratio	Lower	Upper
149	100		
91	72.4	53.4	80.2
206	0.0	13.3	19.9#



Manual Integration Report

Data Path	: I:\8270\Mork\260109\	QMethod	: FS251209Mork.m
Data File	: 00637-02.D	Operator	: Mork:jg
Date Inj'd	: 1/9/2026 4:17 pm	Instrument	: Mork
Sample	: L2600637-02,32,,R3C,gmr	Quant Date	: 1/9/2026 4:33 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\Mork\260109\
Data File : 00637-02.D
Acq On : 9 Jan 2026 4:17 pm
Operator : Mork:jg
Sample : L2600637-02,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 17 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.001 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\Mork\260109\FS251209Mork.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 00637-02.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.780	166	170	188	rVB	5365874	5662783	100.00%	35.409%
2	2.050	213	216	235	rBV	303929	312466	5.52%	1.954%
3	2.914	360	363	371	rBV	373447	336761	5.95%	2.106%
4	3.143	399	402	410	rBV2	633887	747877	13.21%	4.676%
5	3.284	423	426	434	rBV	216036	173529	3.06%	1.085%
6	3.631	482	485	497	rVB	186776	157167	2.78%	0.983%
7	4.230	583	587	590	rBV	883344	674561	11.91%	4.218%
8	4.324	601	603	613	rVB	52696	59104	1.04%	0.370%
9	5.123	736	739	746	rVB	73443	56793	1.00%	0.355%
10	5.188	746	750	753	rBV	519201	429345	7.58%	2.685%
11	5.729	838	842	845	rBV	1385802	1007213	17.79%	6.298%
12	6.410	954	958	966	rBV	518550	479591	8.47%	2.999%
13	6.986	1052	1056	1059	rBV	1573295	1269547	22.42%	7.938%
14	8.384	1291	1294	1298	rBV	824508	753326	13.30%	4.710%
15	9.289	1443	1448	1452	rBV	1764955	1750809	30.92%	10.948%
16	10.787	1696	1703	1709	rBV	1663567	2121830	37.47%	13.267%

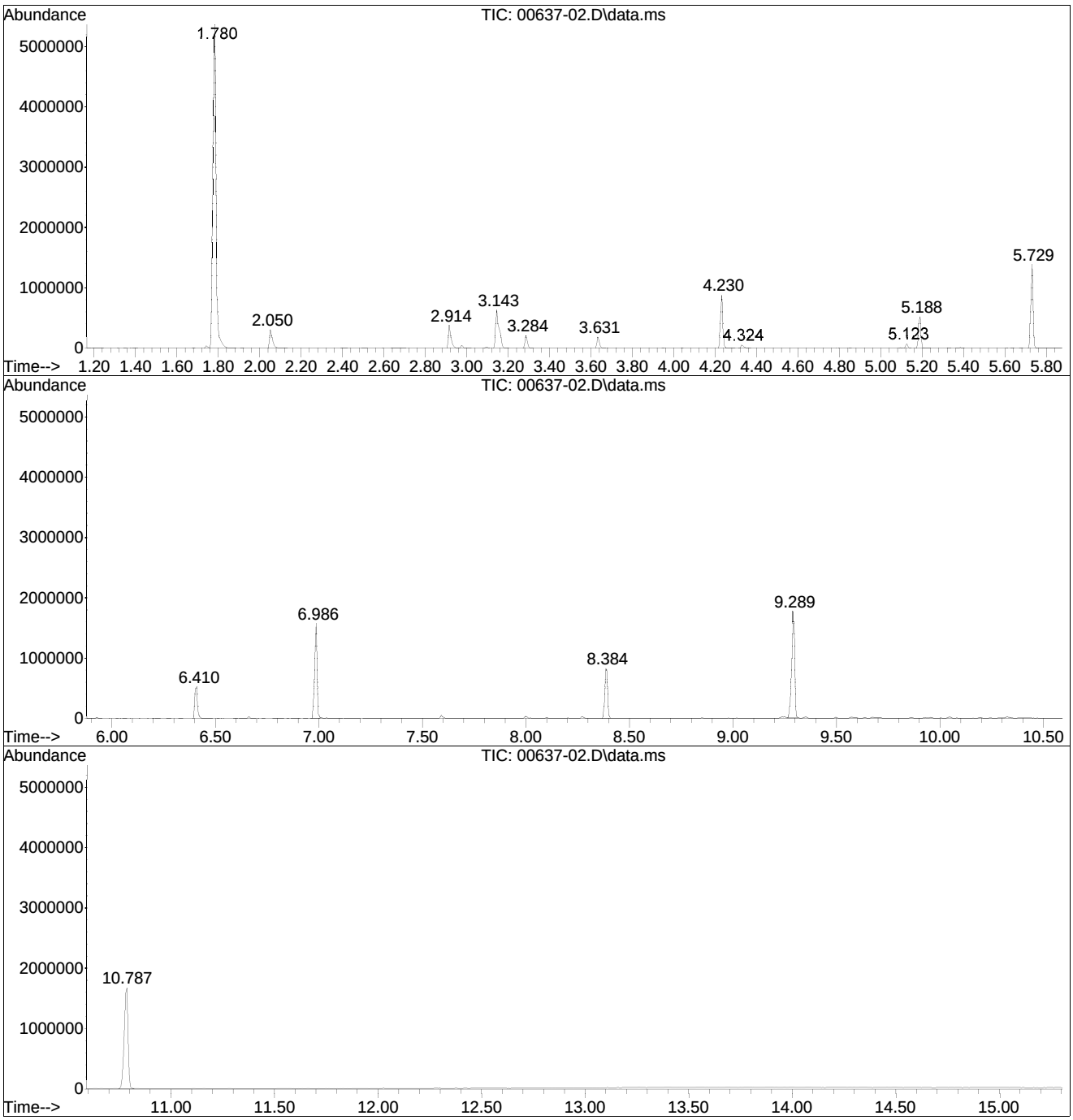
Sum of corrected areas: 15992702

LSC Report - Integrated Chromatogram

Data Path : I:\8270\Mork\260109\
Data File : 00637-02.D
Acq On : 9 Jan 2026 4:17 pm
Operator : Mork:jg
Sample : L2600637-02,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 17 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : I:\8270\Mork\260109\
Data File : 00637-02.D
Acq On : 9 Jan 2026 4:17 pm
Operator : Mork:jg
Sample : L2600637-02,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 17 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

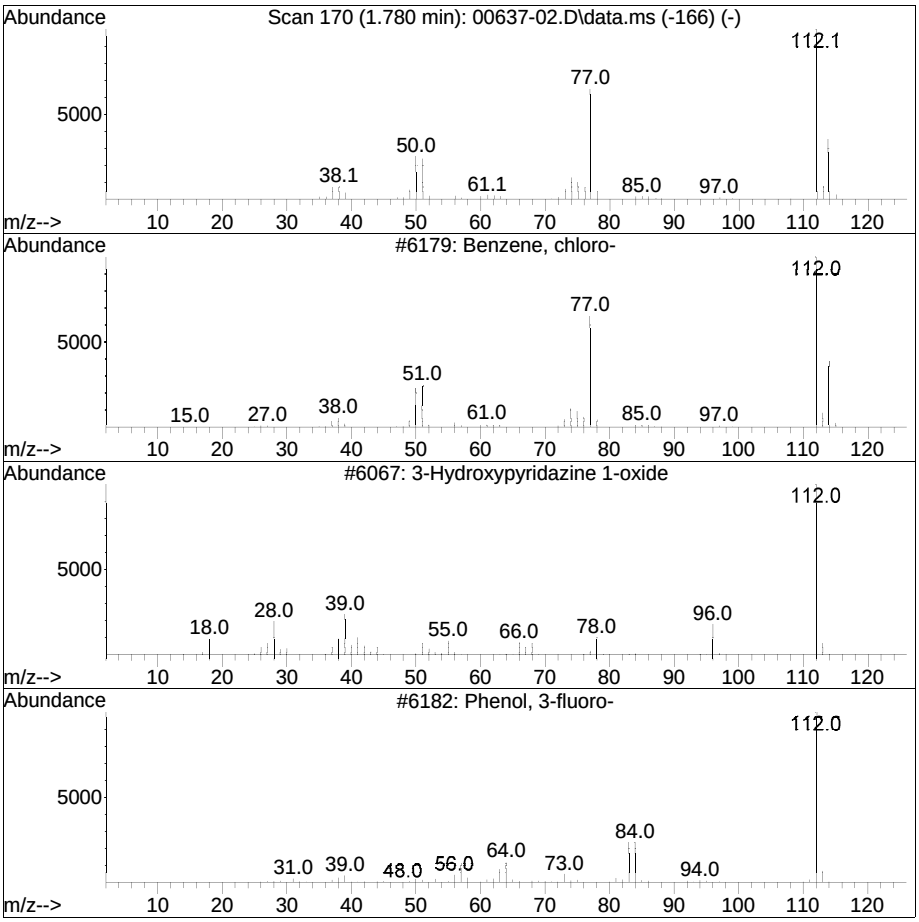
TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

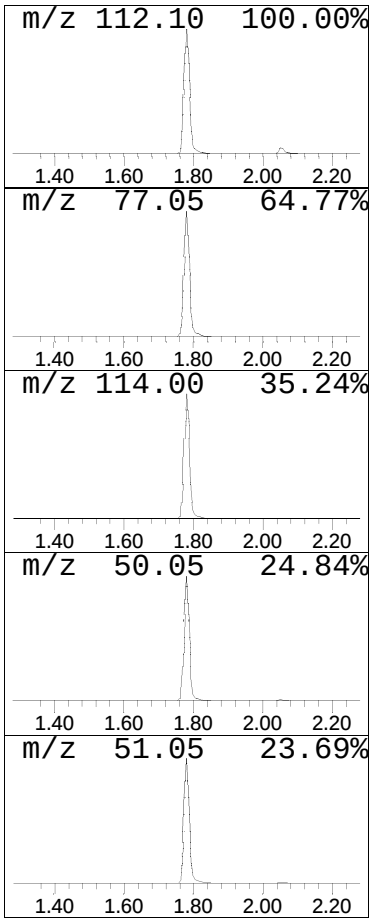
****

Peak Number 1 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.780	302.87 ug/ml	5662780	IS2_1,4-Dichlorobenzene-d4	3.143

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2	3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	27
3	Phenol, 3-fluoro-	112	C6H5FO	000372-20-3	27
4	2-Furancarboxylic acid	112	C5H4O3	000088-14-2	16
5	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	12





Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\Mork\260109\
Data File : 00637-02.D
Acq On : 9 Jan 2026 4:17 pm
Operator : Mork:jg
Sample : L2600637-02,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 17 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, chloro-	1.780	302.9	ug/ml	5662780	1	3.143	747877	40.0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260109\
Data File : 00637-03.D
Acq On : 9 Jan 2026 4:37 pm
Operator : Mork:jg
Sample : L2600637-03,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 09 17:17:14 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.143	152	83573	40.000	ug/ml		0.00
Standard Area 1 = 86645			Recovery = 96.45%				
27) IS2_1,4-Dichlorobenzen...	3.143	152	83573	40.000	ug/ml		0.00
Standard Area 3 = 92004			Recovery = 90.84%				
32) IS3_1,4-Dichlorobenzen...	3.143	152	83573	40.000	ug/ml		0.00
Standard Area 2 = 80476			Recovery = 103.85%				
35) IS1_Naphthalene-d8	4.230	136	320670	40.000	ug/ml	#	0.00
Standard Area 1 = 319179			Recovery = 100.47%				
55) IS2_Naphthalene-d8	4.230	136	320670	40.000	ug/ml	#	0.00
Standard Area 3 = 342158			Recovery = 93.72%				
63) IS1_Acenaphthene-d10	5.729	164	202188	40.000	ug/ml		0.00
Standard Area 1 = 187686			Recovery = 107.73%				
83) IS2_Acenaphthene-d10	5.729	164	202188	40.000	ug/ml		0.00
Standard Area 3 = 203899			Recovery = 99.16%				
86) IS3_Acenaphthene-d10	5.729	164	202188	40.000	ug/ml		0.00
Standard Area 2 = 181013			Recovery = 111.70%				
88) IS1_Phenanthrene-d10	6.986	188	453290	40.000	ug/ml		0.00
Standard Area 1 = 419338			Recovery = 108.10%				
100) IS3_Phenanthrene-d10	6.986	188	453290	40.000	ug/ml		0.00
Standard Area 2 = 404426			Recovery = 112.08%				
104) IS1_Chrysene-d12	9.289	240	561520	40.000	ug/ml		0.00
Standard Area 1 = 495949			Recovery = 113.22%				
113) IS1_Perylene-d12	10.782	264	733542	40.000	ug/ml		0.00
Standard Area 1 = 628021			Recovery = 116.80%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.051	112	78095	38.890	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 77.78%				
7) Phenol-d6	2.914	99	96168	38.626	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 77.25%				
19) Nitrobenzene-d5	3.631	82	44312	19.919	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 79.68%				
46) 2-Fluorobiphenyl	5.188	172	122627	15.691	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 62.76%				
79) 2,4,6-Tribromophenol	6.410	330	52495	32.403	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 64.81%				

Data Path : I:\8270\Mork\260109\
Data File : 00637-03.D
Acq On : 9 Jan 2026 4:37 pm
Operator : Mork:jg
Sample : L2600637-03,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 09 17:17:14 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	8.390	244	221255	17.809	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 71.24%

Target Compounds				Qvalue
6) 2-Chlorophenol	0.000	0	N.D.	
8) Phenol	0.000	0	N.D.	
9) Bis(2-chloroethyl)ether	0.000	0	N.D.	
14) Bis(2-chloroisopropyl)...	0.000	0	N.D.	
15) 2-Methylphenol	0.000	0	N.D.	
16) Hexachloroethane	0.000	0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000	0	N.D.	d
18) 3-Methylphenol/4-Methy...	0.000	0	N.D.	
20) Nitrobenzene	0.000	0	N.D.	
21) Isophorone	0.000	0	N.D.	d
22) 2-Nitrophenol	0.000	0	N.D.	
23) 2,4-Dimethylphenol	0.000	0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000	0	N.D.	
25) 2,4-Dichlorophenol	0.000	0	N.D.	
28) Benzaldehyde	0.000	0	N.D.	
29) Acetophenone	0.000	0	N.D.	
33) 1,4-Dioxane	0.000	0	N.D.	d
36) Naphthalene	0.000	0	N.D.	d
38) 4-Chloroaniline	0.000	0	N.D.	
39) Hexachlorobutadiene	0.000	0	N.D.	
40) p-Chloro-m-cresol	0.000	0	N.D.	
41) 2-Methylnaphthalene	0.000	0	N.D.	
43) Hexachlorocyclopentadiene	0.000	0	N.D.	
44) 2,4,6-Trichlorophenol	0.000	0	N.D.	
45) 2,4,5-Trichlorophenol	0.000	0	N.D.	
47) 2-Chloronaphthalene	0.000	0	N.D.	
48) 2-Nitroaniline	0.000	0	N.D.	
51) Dimethyl phthalate	0.000	0	N.D.	d
52) Acenaphthylene	0.000	0	N.D.	
53) 2,6-Dinitrotoluene	0.000	0	N.D.	d
60) Caprolactam	0.000	0	N.D.	
61) 1,2,4,5-Tetrachloroben...	0.000	0	N.D.	
62) Biphenyl	0.000	0	N.D.	

Data Path : I:\8270\Mork\260109\
Data File : 00637-03.D
Acq On : 9 Jan 2026 4:37 pm
Operator : Mork:jg
Sample : L2600637-03,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 09 17:17:14 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 3-Nitroaniline	0.000		0	N.D.		
65) Acenaphthene	0.000		0	N.D.	d	
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	0.000		0	N.D.		
68) 2,4-Dinitrotoluene	0.000		0	N.D.	d	
69) 4-Nitrophenol	0.000		0	N.D.		
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		
73) Fluorene	0.000		0	N.D.	d	
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75) 4-Nitroaniline	0.000		0	N.D.		
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.		
77) NDPA/DPA	0.000		0	N.D.	d	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.	d	
81) Hexachlorobenzene	0.000		0	N.D.		
82) Pentachlorophenol	0.000		0	N.D.		
87) Atrazine	0.000		0	N.D.		
89) Phenanthrene	0.000		0	N.D.	d	
90) Anthracene	0.000		0	N.D.	d	
91) Carbazole	0.000		0	N.D.		
92) Di-n-butylphthalate	0.000		0	N.D.	d	
93) Fluoranthene	0.000		0	N.D.	d	
95) Pyrene	0.000		0	N.D.	d	
97) Butyl benzyl phthalate	0.000		0	N.D.		
105) Benzo(a)anthracene	0.000		0	N.D.	d	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
107) Chrysene	0.000		0	N.D.	d	
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
109) Di-n-octylphthalate	0.000		0	N.D.	d	
110) Benzo(b)fluoranthene	0.000		0	N.D.	d	
111) Benzo(k)fluoranthene	0.000		0	N.D.	d	
112) Benzo(a)pyrene	0.000		0	N.D.	d	
114) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
115) Dibenzo(a,h)anthracene	0.000		0	N.D.		
116) Benzo(ghi)perylene	0.000		0	N.D.		

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

Data Path : I:\8270\Mork\260109\
Data File : 00637-03.D
Acq On : 9 Jan 2026 4:37 pm
Operator : Mork:jg
Sample : L2600637-03,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 09 17:17:14 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

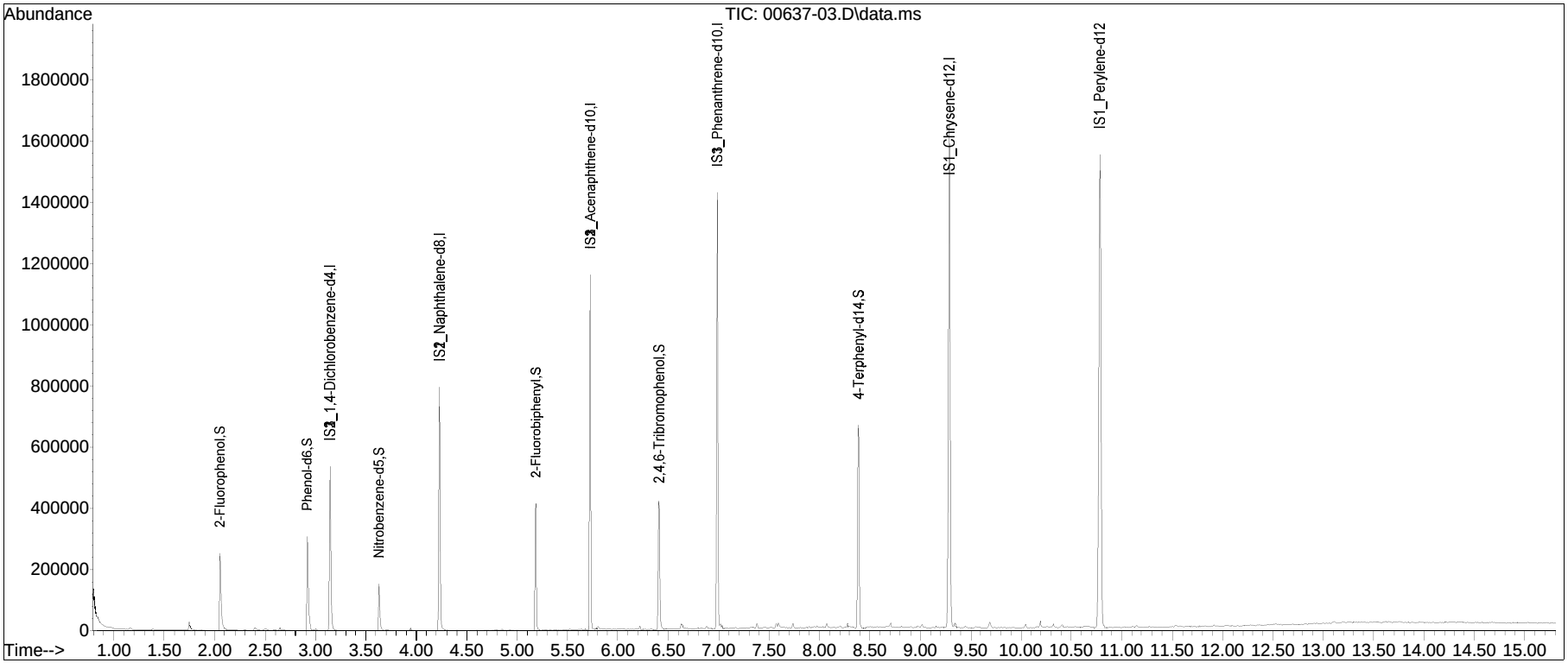
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260109\
Data File : 00637-03.D
Acq On : 9 Jan 2026 4:37 pm
Operator : Mork:jg
Sample : L2600637-03,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jan 09 17:17:14 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAAP90109.D•



Manual Integration Report

Data Path	: I:\8270\Mork\260109\	QMethod	: FS251209Mork.m
Data File	: 00637-03.D	Operator	: Mork:jg
Date Inj'd	: 1/9/2026 4:37 pm	Instrument	: Mork
Sample	: L2600637-03,32,,R3C,gmr	Quant Date	: 1/9/2026 4:52 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\Mork\260109\
Data File : 00637-03.D
Acq On : 9 Jan 2026 4:37 pm
Operator : Mork:jg
Sample : L2600637-03,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 18 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.001 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\Mork\260109\FS251209Mork.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 00637-03.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.745	162	164	175	rBV	24758	34620	1.74%	0.395%
2	2.051	214	216	234	rBV	251942	270615	13.58%	3.086%
3	2.914	360	363	375	rBV	306221	279400	14.02%	3.186%
4	3.143	399	402	410	rBV	536617	457566	22.95%	5.217%
5	3.631	482	485	496	rBV	151742	129459	6.49%	1.476%
6	4.230	584	587	598	rBV	794115	611933	30.70%	6.978%
7	5.188	746	750	753	rBV	414782	346206	17.37%	3.948%
8	5.729	838	842	845	rBV	1162953	861644	43.22%	9.825%
9	6.404	954	957	967	rBV	420108	396072	19.87%	4.516%
10	6.628	992	995	1004	rBV4	16109	28406	1.42%	0.324%
11	6.986	1052	1056	1059	rBV	1427161	1119927	56.18%	12.770%
12	8.390	1291	1295	1298	rBV	663373	619679	31.09%	7.066%
13	9.289	1443	1448	1453	rBV	1641634	1570030	78.76%	17.903%
14	9.689	1511	1516	1522	rBV2	18756	26264	1.32%	0.299%
15	10.194	1598	1602	1607	rBV4	21778	24558	1.23%	0.280%
16	10.782	1696	1702	1709	rBV	1545118	1993462	100.00%	22.731%

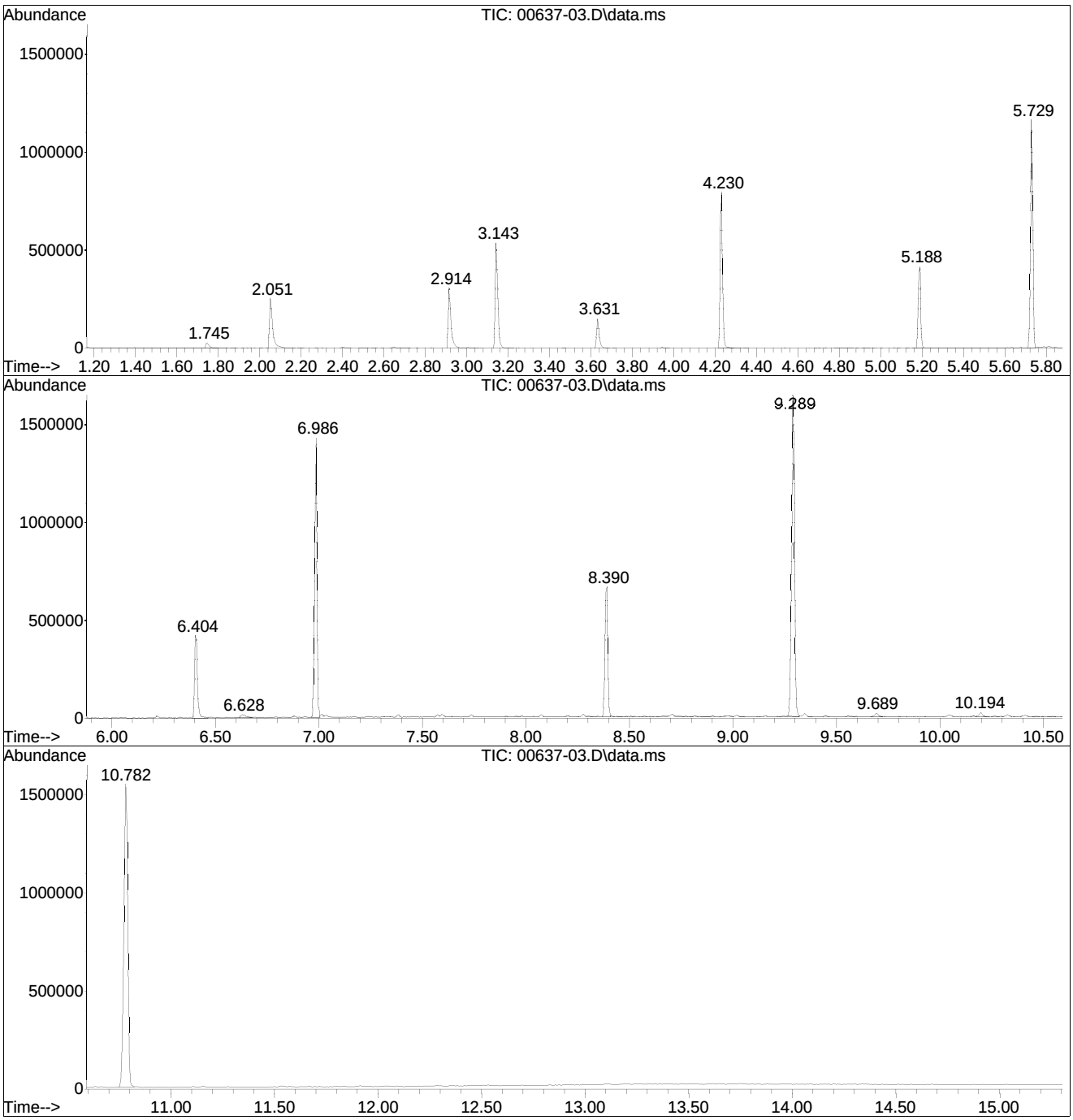
Sum of corrected areas: 8769841

LSC Report - Integrated Chromatogram

Data Path : I:\8270\Mork\260109\
Data File : 00637-03.D
Acq On : 9 Jan 2026 4:37 pm
Operator : Mork:jg
Sample : L2600637-03,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 18 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : I:\8270\Mork\260109\
Data File : 00637-03.D
Acq On : 9 Jan 2026 4:37 pm
Operator : Mork:jg
Sample : L2600637-03,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 18 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\Mork\260109\
Data File : 00637-03.D
Acq On : 9 Jan 2026 4:37 pm
Operator : Mork:jg
Sample : L2600637-03,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 18 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

						--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260109\
Data File : 00637-04.D
Acq On : 9 Jan 2026 4:56 pm
Operator : Mork:jg
Sample : L2600637-04,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 09 17:18:44 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.143	152	97824	40.000	ug/ml		0.00
Standard Area 1 = 86645			Recovery = 112.90%				
27) IS2_1,4-Dichlorobenzen...	3.143	152	97824	40.000	ug/ml		0.00
Standard Area 3 = 92004			Recovery = 106.33%				
32) IS3_1,4-Dichlorobenzen...	3.143	152	97824	40.000	ug/ml		0.00
Standard Area 2 = 80476			Recovery = 121.56%				
35) IS1_Naphthalene-d8	4.230	136	357392	40.000	ug/ml	#	0.00
Standard Area 1 = 319179			Recovery = 111.97%				
55) IS2_Naphthalene-d8	4.230	136	357392	40.000	ug/ml	#	0.00
Standard Area 3 = 342158			Recovery = 104.45%				
63) IS1_Acenaphthene-d10	5.729	164	216646	40.000	ug/ml		0.00
Standard Area 1 = 187686			Recovery = 115.43%				
83) IS2_Acenaphthene-d10	5.729	164	216646	40.000	ug/ml		0.00
Standard Area 3 = 203899			Recovery = 106.25%				
86) IS3_Acenaphthene-d10	5.729	164	216646	40.000	ug/ml		0.00
Standard Area 2 = 181013			Recovery = 119.69%				
88) IS1_Phenanthrene-d10	6.986	188	471526	40.000	ug/ml		0.00
Standard Area 1 = 419338			Recovery = 112.45%				
100) IS3_Phenanthrene-d10	6.986	188	471526	40.000	ug/ml		0.00
Standard Area 2 = 404426			Recovery = 116.59%				
104) IS1_Chrysene-d12	9.289	240	558215	40.000	ug/ml		0.00
Standard Area 1 = 495949			Recovery = 112.55%				
113) IS1_Perylene-d12	10.782	264	717521	40.000	ug/ml		0.00
Standard Area 1 = 628021			Recovery = 114.25%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.051	112	102773	43.723	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 87.45%				
7) Phenol-d6	2.914	99	123867	42.503	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 85.01%				
19) Nitrobenzene-d5	3.631	82	57571	22.109	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 88.44%				
46) 2-Fluorobiphenyl	5.188	172	152722	17.534	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 70.14%				
79) 2,4,6-Tribromophenol	6.410	330	67390	38.821	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 77.64%				

Data Path : I:\8270\Mork\260109\
Data File : 00637-04.D
Acq On : 9 Jan 2026 4:56 pm
Operator : Mork:jg
Sample : L2600637-04,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 09 17:18:44 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	8.390	244	273609	21.172	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 84.69%

Target Compounds				Qvalue
6) 2-Chlorophenol	0.000	0	N.D.	
8) Phenol	0.000	0	N.D.	
9) Bis(2-chloroethyl)ether	0.000	0	N.D.	
14) Bis(2-chloroisopropyl)...	0.000	0	N.D.	
15) 2-Methylphenol	0.000	0	N.D.	
16) Hexachloroethane	0.000	0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000	0	N.D.	d
18) 3-Methylphenol/4-Methy...	0.000	0	N.D.	
20) Nitrobenzene	0.000	0	N.D.	
21) Isophorone	0.000	0	N.D.	d
22) 2-Nitrophenol	0.000	0	N.D.	
23) 2,4-Dimethylphenol	0.000	0	N.D.	d
24) Bis(2-chloroethoxy)met...	0.000	0	N.D.	
25) 2,4-Dichlorophenol	0.000	0	N.D.	
28) Benzaldehyde	0.000	0	N.D.	
29) Acetophenone	0.000	0	N.D.	
33) 1,4-Dioxane	0.000	0	N.D.	
36) Naphthalene	0.000	0	N.D.	d
38) 4-Chloroaniline	0.000	0	N.D.	
39) Hexachlorobutadiene	0.000	0	N.D.	
40) p-Chloro-m-cresol	0.000	0	N.D.	
41) 2-Methylnaphthalene	0.000	0	N.D.	d
43) Hexachlorocyclopentadiene	0.000	0	N.D.	
44) 2,4,6-Trichlorophenol	0.000	0	N.D.	
45) 2,4,5-Trichlorophenol	0.000	0	N.D.	
47) 2-Chloronaphthalene	0.000	0	N.D.	
48) 2-Nitroaniline	0.000	0	N.D.	
51) Dimethyl phthalate	0.000	0	N.D.	d
52) Acenaphthylene	0.000	0	N.D.	
53) 2,6-Dinitrotoluene	0.000	0	N.D.	d
60) Caprolactam	0.000	0	N.D.	
61) 1,2,4,5-Tetrachloroben...	0.000	0	N.D.	
62) Biphenyl	0.000	0	N.D.	

Data Path : I:\8270\Mork\260109\
Data File : 00637-04.D
Acq On : 9 Jan 2026 4:56 pm
Operator : Mork:jg
Sample : L2600637-04,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 09 17:18:44 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 3-Nitroaniline	0.000		0	N.D.		
65) Acenaphthene	0.000		0	N.D.	d	
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	0.000		0	N.D.	d	
68) 2,4-Dinitrotoluene	0.000		0	N.D.	d	
69) 4-Nitrophenol	0.000		0	N.D.		
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		
73) Fluorene	0.000		0	N.D.	d	
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75) 4-Nitroaniline	0.000		0	N.D.		
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.		
77) NDPA/DPA	0.000		0	N.D.	d	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.	d	
81) Hexachlorobenzene	0.000		0	N.D.		
82) Pentachlorophenol	0.000		0	N.D.		
87) Atrazine	0.000		0	N.D.		
89) Phenanthrene	0.000		0	N.D.	d	
90) Anthracene	0.000		0	N.D.	d	
91) Carbazole	0.000		0	N.D.		
92) Di-n-butylphthalate	0.000		0	N.D.		
93) Fluoranthene	0.000		0	N.D.	d	
95) Pyrene	0.000		0	N.D.	d	
97) Butyl benzyl phthalate	0.000		0	N.D.	d	
105) Benzo(a)anthracene	0.000		0	N.D.	d	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
107) Chrysene	0.000		0	N.D.	d	
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
109) Di-n-octylphthalate	0.000		0	N.D.	d	
110) Benzo(b)fluoranthene	0.000		0	N.D.	d	
111) Benzo(k)fluoranthene	0.000		0	N.D.	d	
112) Benzo(a)pyrene	0.000		0	N.D.	d	
114) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.	d	
115) Dibenzo(a,h)anthracene	0.000		0	N.D.		
116) Benzo(ghi)perylene	0.000		0	N.D.	d	

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

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260109\
Data File : 00637-04.D
Acq On : 9 Jan 2026 4:56 pm
Operator : Mork:jg
Sample : L2600637-04,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 09 17:18:44 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

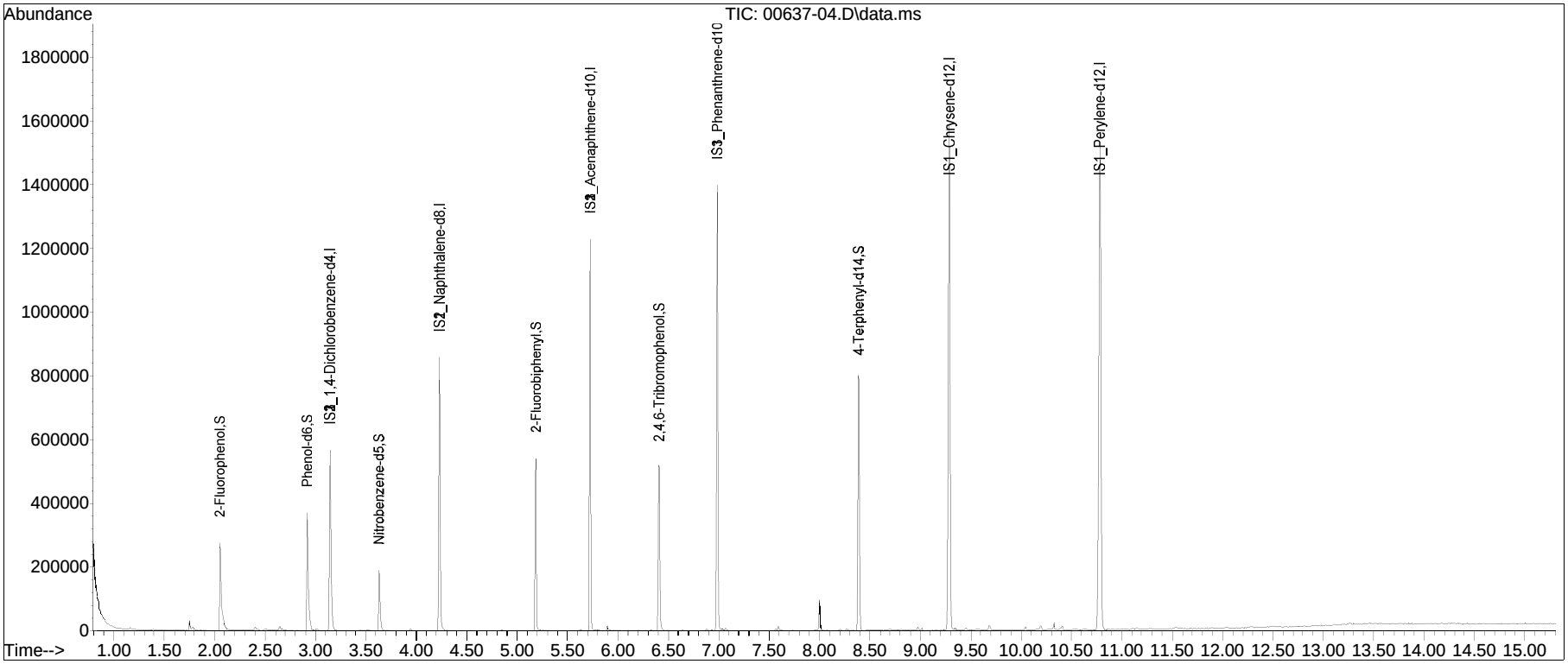
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260109\
Data File : 00637-04.D
Acq On : 9 Jan 2026 4:56 pm
Operator : Mork:jg
Sample : L2600637-04,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 09 17:18:44 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAAP90109.D•



Manual Integration Report

Data Path	: I:\8270\Mork\260109\	QMethod	: FS251209Mork.m
Data File	: 00637-04.D	Operator	: Mork:jg
Date Inj'd	: 1/9/2026 4:56 pm	Instrument	: Mork
Sample	: L2600637-04,32,,R3C,gmr	Quant Date	: 1/9/2026 5:12 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\Mork\260109\
Data File : 00637-04.D
Acq On : 9 Jan 2026 4:56 pm
Operator : Mork:jg
Sample : L2600637-04,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 19 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.001 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\Mork\260109\FS251209Mork.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 00637-04.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.745	162	164	168	rBV	29493	33842	1.74%	0.357%
2	2.051	214	216	232	rBV	274962	348999	17.99%	3.677%
3	2.914	360	363	376	rBV	370012	366997	18.92%	3.866%
4	3.143	399	402	418	rVB	566260	535393	27.60%	5.640%
5	3.631	482	485	494	rBV	188613	168243	8.67%	1.772%
6	4.230	583	587	595	rBV	856935	678063	34.95%	7.143%
7	5.188	746	750	753	rBV	541423	435460	22.45%	4.588%
8	5.729	838	842	845	rBV	1228416	928656	47.87%	9.783%
9	6.404	954	957	970	rBV	520022	491888	25.36%	5.182%
10	6.986	1052	1056	1059	rBV	1398589	1165108	60.06%	12.275%
11	7.997	1225	1228	1237	rVB	96344	90777	4.68%	0.956%
12	8.384	1291	1294	1298	rBV	802215	736701	37.98%	7.761%
13	9.289	1443	1448	1452	rBV	1584161	1549311	79.87%	16.322%
14	10.323	1619	1624	1627	rBV2	19846	22766	1.17%	0.240%
15	10.782	1695	1702	1710	rBV	1530158	1939876	100.00%	20.437%

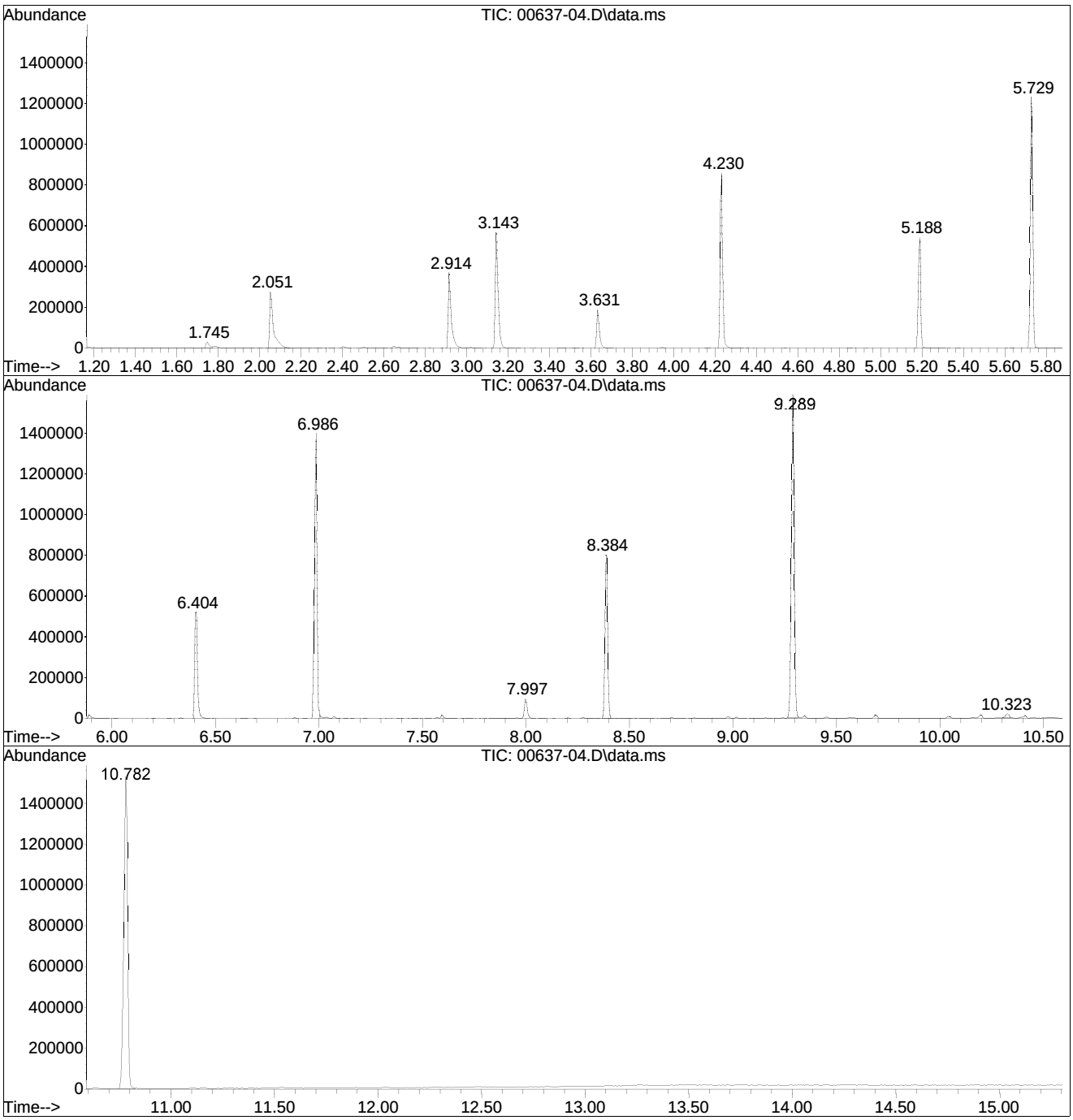
Sum of corrected areas: 9492080

LSC Report - Integrated Chromatogram

Data Path : I:\8270\Mork\260109\
Data File : 00637-04.D
Acq On : 9 Jan 2026 4:56 pm
Operator : Mork:jg
Sample : L2600637-04,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 19 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : I:\8270\Mork\260109\
Data File : 00637-04.D
Acq On : 9 Jan 2026 4:56 pm
Operator : Mork:jg
Sample : L2600637-04,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 19 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\Mork\260109\
Data File : 00637-04.D
Acq On : 9 Jan 2026 4:56 pm
Operator : Mork:jg
Sample : L2600637-04,32,,R3C,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 19 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

						Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Semivolatiles Standards Data

Initial Calibration

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2600637**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E**
Instrument ID	**: MORK**	**Ical Ref**	**: ICAL22888**
Calibration dates	**: 12/09/25 17:40 12/10/25 04:20**		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =ABNL3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	----------ISTD----------											
2)	t	N-Nitrosodimethylamine	0.525	0.558	0.602	0.544	0.601	0.589	0.601	0.642	0.638	0.628	0.593	6.71
3)	t	Pyridine	1.066	0.975	0.993	0.942	1.014	1.068	1.054	1.079	1.161	1.148	1.050	6.76
4)	S	2-Fluorophenol	0.940	0.874	0.964	0.921	0.919	0.974	0.968	1.027	1.043	0.981	0.961	5.26
5)	T	Aniline	1.659	1.571	1.579	1.576	1.524	1.515	1.625	1.653	1.655	1.539	1.590	3.48
6)	t	2-Chlorophenol	1.204	1.112	1.136	1.168	1.089	1.128	1.178	1.199	1.176	1.110	1.150	3.51
7)	S	Phenol-d6	1.146	1.202	1.107	1.128	1.163	1.190	1.238	1.274	1.287	1.181	1.192	5.03
8)	T	Phenol	1.289	1.181	1.178	1.204	1.212	1.229	1.280	1.296	1.306	1.228	1.240	3.92
9)	T	bis(2-Chloroethyl)ether	0.925	0.956	0.941	0.904	0.860	0.886	0.892	0.945	0.922	0.873	0.910	3.54
10)	T	1,3-Dichlorobenzene	1.564	1.477	1.514	1.442	1.423	1.429	1.430	1.431	1.396	1.316	1.442	4.62
11)	T	1,4-Dichlorobenzene	1.526	1.501	1.479	1.439	1.450	1.419	1.438	1.444	1.406	1.333	1.443	3.69
12)	T	1,2-Dichlorobenzene	1.440	1.494	1.427	1.351	1.407	1.379	1.360	1.392	1.336	1.233	1.382	5.08
13)	t	Benzyl alcohol	0.717	0.773	0.828	0.850	0.846	0.875	0.928	0.974	0.938	0.902	0.863	9.06
14)	T	bis(2-chloroisopropyl)ether	1.229	1.131	1.218	1.165	1.135	1.134	1.187	1.204	1.192	1.138	1.173	3.19
15)	T	2-Methylphenol	0.985	0.887	0.963	0.915	0.936	0.937	0.992	0.982	0.962	0.886	0.945	4.12
16)	T	Hexachloroethane	0.533	0.546	0.544	0.538	0.522	0.519	0.530	0.531	0.521	0.494	0.528	2.82
17)	T	n-Nitrosodi-n-propylamine	0.752	0.707	0.746	0.732	0.705	0.716	0.754	0.764	0.757	0.717	0.735	3.02
18)	T	3-Methylphenol/4-Methylphenol	1.008	0.950	0.949	0.983	0.975	1.011	1.040	1.059	1.042	0.993	1.001	3.83
19)	S	Nitrobenzene-d5	1.094	0.997	1.054	1.049	1.006	1.067	1.094	1.127	1.107	1.054	1.065	3.96
20)	T	Nitrobenzene	1.122	1.127	1.060	1.095	1.061	1.052	1.095	1.105	1.091	1.037	1.084	2.80
21)	T	Isophorone	1.933	1.904	1.897	1.918	1.880	1.940	1.991	2.032	1.993	1.936	1.943	2.50
22)	T	2-Nitrophenol	0.572	0.592	0.596	0.577	0.581	0.620	0.640	0.673	0.661	0.621	0.613	5.83
23)	T	2,4-Dimethylphenol	1.167	1.088	1.102	1.108	1.111	1.096	1.159	1.186	1.161	1.105	1.128	3.15
24)	T	bis(2-Chloroethoxy)methane	1.276	1.209	1.205	1.223	1.186	1.171	1.237	1.255	1.217	1.168	1.215	2.88
25)	T	2,4-Dichlorophenol	1.217	1.121	1.139	1.177	1.185	1.184	1.268	1.268	1.248	1.192	1.200	4.20
26)	T	1,2,4-Trichlorobenzene	1.461	1.529	1.497	1.455	1.459	1.409	1.471	1.472	1.455	1.388	1.459	2.72
27)	I	IS2_1,4-Dichlorobenzene-d4	----------ISTD----------											
28)	T	Benzaldehyde	0.789	0.810	0.779	0.842	0.862	0.848	0.867	0.879	0.856	0.871	0.840	4.21
29)	T	Acetophenone	1.365	1.346	1.396	1.429	1.438	1.426	1.436	1.477	1.432	1.447	1.419	2.77
30)	T	m-Toluidine	1.275	1.306	1.284	1.355	1.463	1.425	1.424	1.459	1.419	1.435	1.384	5.28
31)	T	2-Chloroaniline	1.294	1.296	1.288	1.358	1.410	1.393	1.367	1.374	1.320	1.333	1.343	3.24
32)	I	IS3_1,4-Dichlorobenzene-d4	----------ISTD----------											
33)	T	1,4-Dioxane	0.466	0.488	0.445	0.405	0.361	0.398	0.373	0.355	0.348	0.350	0.399	12.82
34)	T	n-Decane	0.820	0.821	0.806	0.844	0.806	0.857	0.793	0.773	0.776	0.762	0.806	3.83
35)	I	IS1_Naphthalene-d8	----------ISTD----------											
36)	T	Naphthalene	1.071	1.054	1.025	1.036	0.996	0.985	0.968	0.959	0.942	0.853	0.989	6.45

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2600637**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E**
Instrument ID	**: MORK**	**Ical Ref**	**: ICAL22888**
Calibration dates	**: 12/09/25 17:40 12/10/25 04:20**		

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =ABNL3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
37)	T	Benzoic Acid				0.195	0.201	0.237	0.250	0.267	0.272	0.253	0.239	12.64
38)	T	4-Chloroaniline	0.094	0.103	0.103	0.106	0.100	0.107	0.110	0.113	0.113	0.109	0.106	5.59
39)	T	Hexachlorobutadiene	0.299	0.303	0.281	0.298	0.279	0.280	0.279	0.290	0.281	0.270	0.286	3.85
40)	T	p-Chloro-m-cresol	0.288	0.256	0.275	0.286	0.271	0.284	0.289	0.300	0.300	0.283	0.283	4.71
41)	T	2-Methylnaphthalene	0.738	0.662	0.686	0.683	0.644	0.646	0.673	0.680	0.661	0.610	0.668	5.01
42)	T	1-Methylnaphthalene	0.264	0.244	0.247	0.249	0.232	0.235	0.242	0.250	0.246	0.232	0.244	3.99
43)	T	Hexachlorocyclopentadiene		0.234	0.264	0.281	0.293	0.317	0.348	0.375	0.372	0.351	0.315	15.89
44)	T	2,4,6-Trichlorophenol	0.301	0.282	0.297	0.300	0.294	0.293	0.309	0.314	0.313	0.303	0.301	3.27
45)	T	2,4,5-Trichlorophenol	0.314	0.335	0.328	0.319	0.320	0.328	0.342	0.347	0.351	0.322	0.331	3.83
46)	S	2-Fluorobiphenyl	1.059	1.034	1.000	0.998	0.975	0.951	0.955	0.975	0.934	0.867	0.975	5.50
47)	T	2-Chloronaphthalene	0.831	0.821	0.837	0.806	0.800	0.790	0.793	0.795	0.765	0.733	0.797	3.89
48)	T	2-Nitroaniline	0.202	0.201	0.203	0.204	0.219	0.223	0.232	0.243	0.240	0.227	0.220	7.39
49)	T	1,4-Dinitrobenzene	0.076	0.087	0.092	0.094	0.097	0.105	0.112	0.120	0.121	0.112	0.102	14.59
50)	T	1,3-Dinitrobenzene	0.107	0.095	0.106	0.116	0.115	0.122	0.124	0.133	0.134	0.124	0.118	10.52
51)	T	Dimethyl phthalate	1.044	0.970	0.969	0.973	0.957	0.962	0.943	0.979	0.938	0.877	0.961	4.32
52)	T	Acenaphthylene	1.342	1.289	1.305	1.298	1.250	1.249	1.249	1.254	1.206	1.095	1.254	5.38
53)	T	2,6-Dinitrotoluene	0.194	0.182	0.193	0.193	0.197	0.198	0.199	0.207	0.206	0.196	0.196	3.63
54)	T	1,2-Dinitrobenzene	0.080	0.068	0.064	0.072	0.070	0.072	0.074	0.077	0.076	0.074	0.073	6.22
55)	I	IS2_Naphthalene-d8	----------ISTD----------											
56)	T	a-Terpineol	0.200	0.189	0.204	0.203	0.214	0.207	0.217	0.207	0.207	0.211	0.206	3.87
57)	T	3-Chloroaniline	0.098	0.119	0.118	0.113	0.115	0.121	0.123	0.123	0.121	0.123	0.117	6.40
58)	T	2,6-Dichlorophenol	0.332	0.333	0.328	0.332	0.345	0.346	0.354	0.333	0.332	0.330	0.336	2.59
59)	T	1-chloro-2-nitrobenzene	0.123	0.118	0.127	0.126	0.130	0.133	0.133	0.131	0.131	0.132	0.128	3.79
60)	T	Caprolactam	0.108	0.106	0.110	0.105	0.106	0.111	0.113	0.109	0.112	0.111	0.109	2.53
61)	T	1,2,4,5-Tetrachlorobenzene	0.460	0.504	0.475	0.474	0.488	0.478	0.494	0.470	0.457	0.459	0.476	3.24
62)	T	Biphenyl	0.921	0.907	0.949	0.940	0.975	0.957	0.934	0.885	0.878	0.849	0.919	4.30
63)	I	IS1_Acenaphthene-d10	----------ISTD----------											
64)	T	3-Nitroaniline	0.304	0.283	0.308	0.287	0.309	0.318	0.312	0.328	0.325	0.310	0.308	4.70
65)	T	Acenaphthene	1.178	1.207	1.191	1.137	1.094	1.085	1.064	1.084	1.073	0.978	1.109	6.27
66)	T	2,4-Dinitrophenol				0.144	0.159	0.188	0.206	0.233	0.234	0.225	0.198	18.25
67)	T	Dibenzofuran	2.138	1.963	1.945	1.923	1.848	1.863	1.802	1.804	1.755	1.636	1.868	7.28
68)	T	2,4-Dinitrotoluene	0.418	0.395	0.401	0.419	0.427	0.443	0.441	0.457	0.449	0.428	0.428	4.73
69)	T	4-Nitrophenol	0.178	0.185	0.195	0.198	0.200	0.214	0.221	0.236	0.235	0.222	0.209	9.65
70)	T	2,3,5,6-Tetrachlorophenol	0.442	0.437	0.430	0.434	0.432	0.454	0.473	0.502	0.492	0.466	0.456	5.69
71)	T	2,3,4,6-Tetrachlorophenol	0.438	0.423	0.438	0.455	0.448	0.457	0.463	0.474	0.476	0.446	0.452	3.72
72)	T	Diethyl phthalate	1.580	1.567	1.509	1.521	1.477	1.459	1.458	1.468	1.435	1.352	1.483	4.47

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2600637**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E**
Instrument ID	**: MORK**	**Ical Ref**	**: ICAL22888**
Calibration dates	**: 12/09/25 17:40 12/10/25 04:20**		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =ABNL3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
73)	T	Fluorene	1.532	1.490	1.483	1.499	1.500	1.477	1.477	1.482	1.412	1.335	1.469	3.79
74)	T	4-Chlorophenyl-phenylether	0.851	0.811	0.771	0.772	0.757	0.769	0.761	0.769	0.749	0.705	0.771	4.94
75)	T	4-Nitroaniline	0.273	0.276	0.303	0.289	0.298	0.310	0.305	0.314	0.308	0.301	0.298	4.66
76)	T	4,6-Dinitro-o-cresol		0.182	0.210	0.214	0.241	0.272	0.289	0.308	0.310	0.298	0.258	18.47
77)	T	NDPA/DPA	1.443	1.328	1.245	1.285	1.292	1.256	1.223	1.243	1.206	1.150	1.267	6.25
78)	T	Azobenzene	1.175	1.165	1.115	1.120	1.084	1.097	1.080	1.091	1.054	1.015	1.100	4.36
79)	S	2,4,6-Tribromophenol	0.326	0.301	0.295	0.304	0.316	0.316	0.321	0.344	0.344	0.339	0.321	5.55
80)	T	4-Bromophenyl-phenylether	0.537	0.561	0.553	0.515	0.527	0.526	0.538	0.561	0.548	0.530	0.540	2.90
81)	T	Hexachlorobenzene	0.709	0.695	0.649	0.646	0.636	0.646	0.655	0.675	0.679	0.649	0.664	3.66
82)	T	Pentachlorophenol	0.270	0.282	0.307	0.325	0.344	0.386	0.400	0.436	0.448	0.445	0.364	18.60
83)	I	IS2_Acenaphthene-d10	----------ISTD----------											
84)	T	Dichloran	0.158	0.179	0.195	0.192	0.214	0.231	0.239	0.237	0.249	0.252	0.215	14.95
85)	T	Pentachloronitrobenzene	0.204	0.223	0.241	0.236	0.236	0.247	0.250	0.249	0.249	0.254	0.239	6.40
86)	I	IS3_Acenaphthene-d10	----------ISTD----------											
87)	T	Atrazine	0.472	0.483	0.466	0.457	0.434	0.482	0.450	0.450	0.433	0.440	0.457	4.09
88)	I	IS1_Phenanthrene-d10	----------ISTD----------											
89)	T	Phenanthrene	1.251	1.132	1.172	1.106	1.079	1.084	1.050	1.030	0.986	0.925	1.081	8.56
90)	T	Anthracene	1.234	1.144	1.160	1.106	1.117	1.096	1.066	1.042	1.003	0.908	1.088	8.30
91)	T	Carbazole	1.087	1.071	1.049	1.028	1.013	1.008	0.979	0.981	0.922	0.872	1.001	6.59
92)	T	Di-n-butylphthalate	1.210	1.171	1.176	1.159	1.172	1.167	1.161	1.137	1.097	1.016	1.147	4.73
93)	T	Fluoranthene	1.424	1.390	1.407	1.401	1.398	1.367	1.360	1.350	1.281	1.155	1.353	5.96
94)	T	Benzidine	0.907	0.913	0.922	0.901	0.933	0.952	0.948	0.945	0.932	0.848	0.920	3.34
95)	T	Pyrene	1.512	1.475	1.494	1.470	1.452	1.470	1.404	1.383	1.304	1.179	1.414	7.30
96)	S	4-Terphenyl-d14	1.153	1.126	1.131	1.116	1.112	1.122	1.105	1.107	1.051	0.939	1.096	5.56
97)	T	Butyl benzyl phthalate	0.534	0.505	0.518	0.524	0.551	0.569	0.574	0.590	0.572	0.543	0.548	5.11
98)	I	IS2_Phenanthrene-d10	----------ISTD----------											
99)	T	Diphenamid	0.472	0.473	0.521	0.489	0.515	0.510	0.493	0.499	0.485	0.489	0.495	3.37
100)	I	IS3_Phenanthrene-d10	----------ISTD----------											
101)	T	n-Octadecane	0.288	0.248	0.254	0.249	0.235	0.257	0.234	0.236	0.237	0.234	0.247	6.79
102)	T	Parathion	0.079	0.086	0.079	0.091	0.091	0.106	0.104	0.108	0.113	0.114	0.097	13.69
103)	T	3,3'-Dimethylbenzidine	0.816	0.819	0.875	0.897	0.910	0.976	0.918	0.892	0.867	0.849	0.882	5.47
104)	I	IS1_Chrysene-d12	----------ISTD----------											
105)	T	Benzo[a]anthracene	1.510	1.373	1.351	1.333	1.309	1.313	1.268	1.255	1.245	1.155	1.311	7.16
106)	T	3,3'-Dichlorobenzidine	0.577	0.543	0.557	0.556	0.560	0.555	0.553	0.542	0.529	0.504	0.548	3.62
107)	T	Chrysene	1.392	1.267	1.268	1.244	1.230	1.167	1.156	1.110	1.040	1.014	1.189	9.67
108)	T	bis(2-Ethylhexyl)phthalate	0.694	0.673	0.682	0.671	0.690	0.683	0.687	0.676	0.655	0.645	0.675	2.31

Initial Calibration Summary
Form 6
Semivolatiles

Client	**: Inventum Engineering**	**Lab Number**	**: L2600637**
Project Name	**: SOUTH BUFFALO DEVELOPMENT**	**Project Number**	**: AREA E**
Instrument ID	**: MORK**	**Ical Ref**	**: ICAL22888**
Calibration dates	**: 12/09/25 17:40 12/10/25 04:20**		

Calibration Files

1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =ABNL3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D

100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
109)	T	Di-n-octylphthalate	1.163	1.162	1.172	1.181	1.206	1.225	1.240	1.255	1.213	1.178	1.200	2.77
110)	T	Benzo(b)fluoranthene	1.403	1.343	1.474	1.420	1.388	1.367	1.375	1.435	1.449	1.602	1.426	5.16
111)	T	Benzo(k)fluoranthene	1.470	1.414	1.290	1.284	1.346	1.403	1.309	1.256	1.192	0.975	1.294	10.75
112)	T	Benzo(a)pyrene	1.368	1.348	1.344	1.302	1.313	1.342	1.310	1.352	1.332	1.287	1.330	1.93
113)	I	IS1_Perylene-d12	----------ISTD----------											
114)	T	Indeno(1,2,3-cd)pyrene	1.201	1.170	1.168	1.182	1.179	1.181	1.217	1.291	1.339	1.273	1.220	4.91
115)	T	Dibenzo[a,h]anthracene	1.219	1.180	1.170	1.169	1.154	1.191	1.197	1.177	1.156	1.052	1.166	3.84
116)	T	Benzo(g,h,i)perylene	1.214	1.175	1.146	1.157	1.149	1.177	1.162	1.182	1.188	1.090	1.164	2.83

Response Factor Report Mork

Method Path : I:\8270\Mork\251209ical\
Method File : FS251209Mork.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Thu Dec 11 12:38:17 2025
Response Via : Initial Calibration

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =ABNL3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
1)	I	IS1_1,4-Dichlorobenzene-d4	ISTD											
2)	t	N-Nitrosodimethylamine	0.525	0.558	0.602	0.544	0.601	0.589	0.601	0.642	0.638	0.628	0.593	6.71
3)	t	Pyridine	1.066	0.975	0.993	0.942	1.014	1.068	1.054	1.079	1.161	1.148	1.050	6.76
4)	S	2-Fluorophenol	0.940	0.874	0.964	0.921	0.919	0.974	0.968	1.027	1.043	0.981	0.961	5.26
5)	T	Aniline	1.659	1.571	1.579	1.576	1.524	1.515	1.625	1.653	1.655	1.539	1.590	3.48
6)	t	2-Chlorophenol	1.204	1.112	1.136	1.168	1.089	1.128	1.178	1.199	1.176	1.110	1.150	3.51
7)	S	Phenol-d6	1.146	1.202	1.107	1.128	1.163	1.190	1.238	1.274	1.287	1.181	1.192	5.03
8)	T	Phenol	1.289	1.181	1.178	1.204	1.212	1.229	1.280	1.296	1.306	1.228	1.240	3.92
9)	T	bis(2-Chloroethyl)ether	0.925	0.956	0.941	0.904	0.860	0.886	0.892	0.945	0.922	0.873	0.910	3.54
10)	T	1,3-Dichlorobenzene	1.564	1.477	1.514	1.442	1.423	1.429	1.430	1.431	1.396	1.316	1.442	4.62
11)	T	1,4-Dichlorobenzene	1.526	1.501	1.479	1.439	1.450	1.419	1.438	1.444	1.406	1.333	1.443	3.69
12)	T	1,2-Dichlorobenzene	1.440	1.494	1.427	1.351	1.407	1.379	1.360	1.392	1.336	1.233	1.382	5.08
13)	t	Benzyl alcohol	0.717	0.773	0.828	0.850	0.846	0.875	0.928	0.974	0.938	0.902	0.863	9.06
14)	T	bis(2-chloroisopropyl)ether	1.229	1.131	1.218	1.165	1.135	1.134	1.187	1.204	1.192	1.138	1.173	3.19
15)	T	2-Methylphenol	0.985	0.887	0.963	0.915	0.936	0.937	0.992	0.982	0.962	0.886	0.945	4.12
16)	T	Hexachloroethane	0.533	0.546	0.544	0.538	0.522	0.519	0.530	0.531	0.521	0.494	0.528	2.82
17)	T	n-Nitrosodi-n-propylamine	0.752	0.707	0.746	0.732	0.705	0.716	0.754	0.764	0.757	0.717	0.735	3.02
18)	T	3-Methylphenol/4-Methylphenol	1.008	0.950	0.949	0.983	0.975	1.011	1.040	1.059	1.042	0.993	1.001	3.83
19)	S	Nitrobenzene-d5	1.094	0.997	1.054	1.049	1.006	1.067	1.094	1.127	1.107	1.054	1.065	3.96
20)	T	Nitrobenzene	1.122	1.127	1.060	1.095	1.061	1.052	1.095	1.105	1.091	1.037	1.084	2.80
21)	T	Isophorone	1.933	1.904	1.897	1.918	1.880	1.940	1.991	2.032	1.993	1.936	1.943	2.50
22)	T	2-Nitrophenol	0.572	0.592	0.596	0.577	0.581	0.620	0.640	0.673	0.661	0.621	0.613	5.83
23)	T	2,4-Dimethylphenol	1.167	1.088	1.102	1.108	1.111	1.096	1.159	1.186	1.161	1.105	1.128	3.15
24)	T	bis(2-Chloroethoxy)methane	1.276	1.209	1.205	1.223	1.186	1.171	1.237	1.255	1.217	1.168	1.215	2.88
25)	T	2,4-Dichlorophenol	1.217	1.121	1.139	1.177	1.185	1.184	1.268	1.268	1.248	1.192	1.200	4.20
26)	T	1,2,4-Trichlorobenzene	1.461	1.529	1.497	1.455	1.459	1.409	1.471	1.472	1.455	1.388	1.459	2.72
27)	I	IS2_1,4-Dichlorobenzene-d4	ISTD											
28)	T	Benzaldehyde	0.789	0.810	0.779	0.842	0.862	0.848	0.867	0.879	0.856	0.871	0.840	4.21
29)	T	Acetophenone	1.365	1.346	1.396	1.429	1.438	1.426	1.436	1.477	1.432	1.447	1.419	2.77
30)	T	m-Toluidine	1.275	1.306	1.284	1.355	1.463	1.425	1.424	1.459	1.419	1.435	1.384	5.28
31)	T	2-Chloroaniline	1.294	1.296	1.288	1.358	1.410	1.393	1.367	1.374	1.320	1.333	1.343	3.24
32)	I	IS3_1,4-Dichlorobenzene-d4	ISTD											
33)	T	1,4-Dioxane	0.466	0.488	0.445	0.405	0.361	0.398	0.373	0.355	0.348	0.350	0.399	12.82
34)	T	n-Decane	0.820	0.821	0.806	0.844	0.806	0.857	0.793	0.773	0.776	0.762	0.806	3.83
35)	I	IS1_Naphthalene-d8	ISTD											
36)	T	Naphthalene	1.071	1.054	1.025	1.036	0.996	0.985	0.968	0.959	0.942	0.853	0.989	6.45
37)	T	Benzoic Acid				0.195	0.201	0.237	0.250	0.267	0.272	0.253	0.239	12.64
38)	T	4-Chloroaniline	0.094	0.103	0.103	0.106	0.100	0.107	0.110	0.113	0.113	0.109	0.106	5.59
39)	T	Hexachlorobutadiene	0.299	0.303	0.281	0.298	0.279	0.280	0.279	0.290	0.281	0.270	0.286	3.85
40)	T	p-Chloro-m-cresol	0.288	0.256	0.275	0.286	0.271	0.284	0.289	0.300	0.300	0.283	0.283	4.71
41)	T	2-Methylnaphthalene	0.738	0.662	0.686	0.683	0.644	0.646	0.673	0.680	0.661	0.610	0.668	5.01
42)	T	1-Methylnaphthalene	0.264	0.244	0.247	0.249	0.232	0.235	0.242	0.250	0.246	0.232	0.244	3.99
43)	T	Hexachlorocyclopentadiene		0.234	0.264	0.281	0.293	0.317	0.348	0.375	0.372	0.351	0.315	15.89
44)	T	2,4,6-Trichlorophenol	0.301	0.282	0.297	0.300	0.294	0.293	0.309	0.314	0.313	0.303	0.301	3.27
45)	T	2,4,5-Trichlorophenol	0.314	0.335	0.328	0.319	0.320	0.328	0.342	0.347	0.351	0.322	0.331	3.83

Response Factor Report Mork

Method Path : I:\8270\Mork\251209ical\
Method File : FS251209Mork.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Thu Dec 11 12:38:17 2025
Response Via : Initial Calibration

Calibration Files
1.0 =AP9L1.D 2.0 =AP9L2.D 3.0 =ABNL3.D 5.0 =AP9L4.D 10 =AP9L5.D 25 =AP9L6.D 50 =AP9L7.D
100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
46)	S	2-Fluorobiphenyl	1.059	1.034	1.000	0.998	0.975	0.951	0.955	0.975	0.934	0.867	0.975	5.50
47)	T	2-Chloronaphthalene	0.831	0.821	0.837	0.806	0.800	0.790	0.793	0.795	0.765	0.733	0.797	3.89
48)	T	2-Nitroaniline	0.202	0.201	0.203	0.204	0.219	0.223	0.232	0.243	0.240	0.227	0.220	7.39
49)	T	1,4-Dinitrobenzene	0.076	0.087	0.092	0.094	0.097	0.105	0.112	0.120	0.121	0.112	0.102	14.59
50)	T	1,3-Dinitrobenzene	0.107	0.095	0.106	0.116	0.115	0.122	0.124	0.133	0.134	0.124	0.118	10.52
51)	T	Dimethyl phthalate	1.044	0.970	0.969	0.973	0.957	0.962	0.943	0.979	0.938	0.877	0.961	4.32
52)	T	Acenaphthylene	1.342	1.289	1.305	1.298	1.250	1.249	1.249	1.254	1.206	1.095	1.254	5.38
53)	T	2,6-Dinitrotoluene	0.194	0.182	0.193	0.193	0.197	0.198	0.199	0.207	0.206	0.196	0.196	3.63
54)	T	1,2-Dinitrobenzene	0.080	0.068	0.064	0.072	0.070	0.072	0.074	0.077	0.076	0.074	0.073	6.22
55)	I	IS2_Naphthalene-d8	ISTD											
56)	T	a-Terpineol	0.200	0.189	0.204	0.203	0.214	0.207	0.217	0.207	0.207	0.211	0.206	3.87
57)	T	3-Chloroaniline	0.098	0.119	0.118	0.113	0.115	0.121	0.123	0.123	0.121	0.123	0.117	6.40
58)	T	2,6-Dichlorophenol	0.332	0.333	0.328	0.332	0.345	0.346	0.354	0.333	0.332	0.330	0.336	2.59
59)	T	1-chloro-2-nitrobenzene	0.123	0.118	0.127	0.126	0.130	0.133	0.133	0.131	0.131	0.132	0.128	3.79
60)	T	Caprolactam	0.108	0.106	0.110	0.105	0.106	0.111	0.113	0.109	0.112	0.111	0.109	2.53
61)	T	1,2,4,5-Tetrachlorobenzene	0.460	0.504	0.475	0.474	0.488	0.478	0.494	0.470	0.457	0.459	0.476	3.24
62)	T	Biphenyl	0.921	0.907	0.949	0.940	0.975	0.957	0.934	0.885	0.878	0.849	0.919	4.30
63)	I	IS1_Acenaphthene-d10	ISTD											
64)	T	3-Nitroaniline	0.304	0.283	0.308	0.287	0.309	0.318	0.312	0.328	0.325	0.310	0.308	4.70
65)	T	Acenaphthene	1.178	1.207	1.191	1.137	1.094	1.085	1.064	1.084	1.073	0.978	1.109	6.27
66)	T	2,4-Dinitrophenol				0.144	0.159	0.188	0.206	0.233	0.234	0.225	0.198	18.25
67)	T	Dibenzofuran	2.138	1.963	1.945	1.923	1.848	1.863	1.802	1.804	1.755	1.636	1.868	7.28
68)	T	2,4-Dinitrotoluene	0.418	0.395	0.401	0.419	0.427	0.443	0.441	0.457	0.449	0.428	0.428	4.73
69)	T	4-Nitrophenol	0.178	0.185	0.195	0.198	0.200	0.214	0.221	0.236	0.235	0.222	0.209	9.65
70)	T	2,3,5,6-Tetrachlorophenol	0.442	0.437	0.430	0.434	0.432	0.454	0.473	0.502	0.492	0.466	0.456	5.69
71)	T	2,3,4,6-Tetrachlorophenol	0.438	0.423	0.438	0.455	0.448	0.457	0.463	0.474	0.476	0.446	0.452	3.72
72)	T	Diethyl phthalate	1.580	1.567	1.509	1.521	1.477	1.459	1.458	1.468	1.435	1.352	1.483	4.47
73)	T	Fluorene	1.532	1.490	1.483	1.499	1.500	1.477	1.477	1.482	1.412	1.335	1.469	3.79
74)	T	4-Chlorophenyl-phenylether	0.851	0.811	0.771	0.772	0.757	0.769	0.761	0.769	0.749	0.705	0.771	4.94
75)	T	4-Nitroaniline	0.273	0.276	0.303	0.289	0.298	0.310	0.305	0.314	0.308	0.301	0.298	4.66
76)	T	4,6-Dinitro-o-cresol		0.182	0.210	0.214	0.241	0.272	0.289	0.308	0.310	0.298	0.258	18.47
77)	T	NDPA/DPA	1.443	1.328	1.245	1.285	1.292	1.256	1.223	1.243	1.206	1.150	1.267	6.25
78)	T	Azobenzene	1.175	1.165	1.115	1.120	1.084	1.097	1.080	1.091	1.054	1.015	1.100	4.36
79)	S	2,4,6-Tribromophenol	0.326	0.301	0.295	0.304	0.316	0.316	0.321	0.344	0.344	0.339	0.321	5.55
80)	T	4-Bromophenyl-phenylether	0.537	0.561	0.553	0.515	0.527	0.526	0.538	0.561	0.548	0.530	0.540	2.90
81)	T	Hexachlorobenzene	0.709	0.695	0.649	0.646	0.636	0.646	0.655	0.675	0.679	0.649	0.664	3.66
82)	T	Pentachlorophenol	0.270	0.282	0.307	0.325	0.344	0.386	0.400	0.436	0.448	0.445	0.364	18.60
83)	I	IS2_Acenaphthene-d10	ISTD											
84)	T	Dichloran	0.158	0.179	0.195	0.192	0.214	0.231	0.239	0.237	0.249	0.252	0.215	14.95
85)	T	Pentachloronitrobenzene	0.204	0.223	0.241	0.236	0.236	0.247	0.250	0.249	0.249	0.254	0.239	6.40
86)	I	IS3_Acenaphthene-d10	ISTD											
87)	T	Atrazine	0.472	0.483	0.466	0.457	0.434	0.482	0.450	0.450	0.433	0.440	0.457	4.09
88)	I	IS1_Phenanthrene-d10	ISTD											
89)	T	Phenanthrene	1.251	1.132	1.172	1.106	1.079	1.084	1.050	1.030	0.986	0.925	1.081	8.56
90)	T	Anthracene	1.234	1.144	1.160	1.106	1.117	1.096	1.066	1.042	1.003	0.908	1.088	8.30

Response Factor Report Mork

Method Path : I:\8270\Mork\251209ical\
Method File : FS251209Mork.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Thu Dec 11 12:38:17 2025
Response Via : Initial Calibration

Calibration Files
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100 =AP9L8.D 150 =AP9L9.D 200 =AP9L10.D

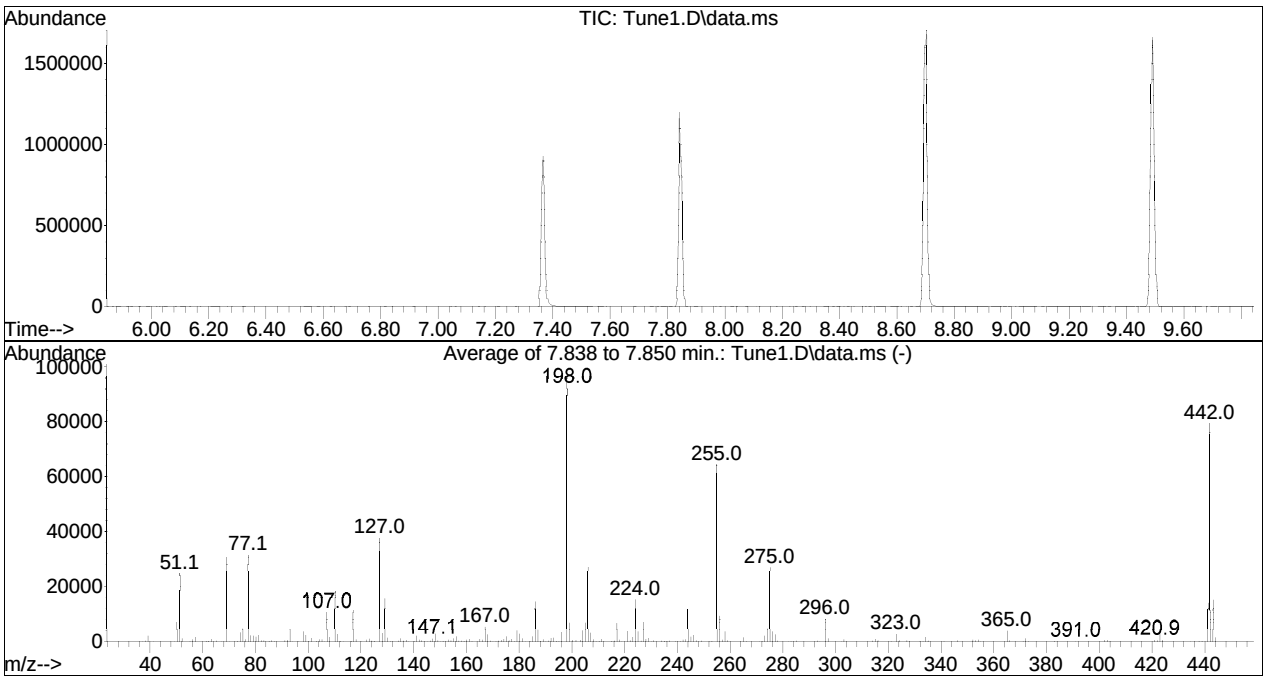
		Compound	1.0	2.0	3.0	5.0	10	25	50	100	150	200	Avg	%RSD
91)	T	Carbazole	1.087	1.071	1.049	1.028	1.013	1.008	0.979	0.981	0.922	0.872	1.001	6.59
92)	T	Di-n-butylphthalate	1.210	1.171	1.176	1.159	1.172	1.167	1.161	1.137	1.097	1.016	1.147	4.73
93)	T	Fluoranthene	1.424	1.390	1.407	1.401	1.398	1.367	1.360	1.350	1.281	1.155	1.353	5.96
94)	T	Benzidine	0.907	0.913	0.922	0.901	0.933	0.952	0.948	0.945	0.932	0.848	0.920	3.34
95)	T	Pyrene	1.512	1.475	1.494	1.470	1.452	1.470	1.404	1.383	1.304	1.179	1.414	7.30
96)	S	4-Terphenyl-d14	1.153	1.126	1.131	1.116	1.112	1.122	1.105	1.107	1.051	0.939	1.096	5.56
97)	T	Butyl benzyl phthalate	0.534	0.505	0.518	0.524	0.551	0.569	0.574	0.590	0.572	0.543	0.548	5.11
98)	I	IS2_Phenanthrene-d10	----------ISTD----------											
99)	T	Diphenamid	0.472	0.473	0.521	0.489	0.515	0.510	0.493	0.499	0.485	0.489	0.495	3.37
100)	I	IS3_Phenanthrene-d10	----------ISTD----------											
101)	T	n-Octadecane	0.288	0.248	0.254	0.249	0.235	0.257	0.234	0.236	0.237	0.234	0.247	6.79
102)	T	Parathion	0.079	0.086	0.079	0.091	0.091	0.106	0.104	0.108	0.113	0.114	0.097	13.69
103)	T	3,3'-Dimethylbenzidine	0.816	0.819	0.875	0.897	0.910	0.976	0.918	0.892	0.867	0.849	0.882	5.47
104)	I	IS1_Chrysene-d12	----------ISTD----------											
105)	T	Benzo[a]anthracene	1.510	1.373	1.351	1.333	1.309	1.313	1.268	1.255	1.245	1.155	1.311	7.16
106)	T	3,3'-Dichlorobenzidine	0.577	0.543	0.557	0.556	0.560	0.555	0.553	0.542	0.529	0.504	0.548	3.62
107)	T	Chrysene	1.392	1.267	1.268	1.244	1.230	1.167	1.156	1.110	1.040	1.014	1.189	9.67
108)	T	bis(2-Ethylhexyl)phthalate	0.694	0.673	0.682	0.671	0.690	0.683	0.687	0.676	0.655	0.645	0.675	2.31
109)	T	Di-n-octylphthalate	1.163	1.162	1.172	1.181	1.206	1.225	1.240	1.255	1.213	1.178	1.200	2.77
110)	T	Benzo(b)fluoranthene	1.403	1.343	1.474	1.420	1.388	1.367	1.375	1.435	1.449	1.602	1.426	5.16
111)	T	Benzo(k)fluoranthene	1.470	1.414	1.290	1.284	1.346	1.403	1.309	1.256	1.192	0.975	1.294	10.75
112)	T	Benzo(a)pyrene	1.368	1.348	1.344	1.302	1.313	1.342	1.310	1.352	1.332	1.287	1.330	1.93
113)	I	IS1_Perylene-d12	----------ISTD----------											
114)	T	Indeno(1,2,3-cd)pyrene	1.201	1.170	1.168	1.182	1.179	1.181	1.217	1.291	1.339	1.273	1.220	4.91
115)	T	Dibenzo[a,h]anthracene	1.219	1.180	1.170	1.169	1.154	1.191	1.197	1.177	1.156	1.052	1.166	3.84
116)	T	Benzo(g,h,i)perylene	1.214	1.175	1.146	1.157	1.149	1.177	1.162	1.182	1.188	1.090	1.164	2.83

(#) = Out of Range

Data Path : I:\8270\Mork\251209ical\
Data File : Tune1.D
Acq On : 9 Dec 2025 5:20 pm
Operator : MORK:jg
Sample : Tune Lot# 12051
Misc : WG2152654,,
ALS Vial : 100 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\Mork\251209ical\FS251209Mork.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Thu Dec 11 12:38:17 2025



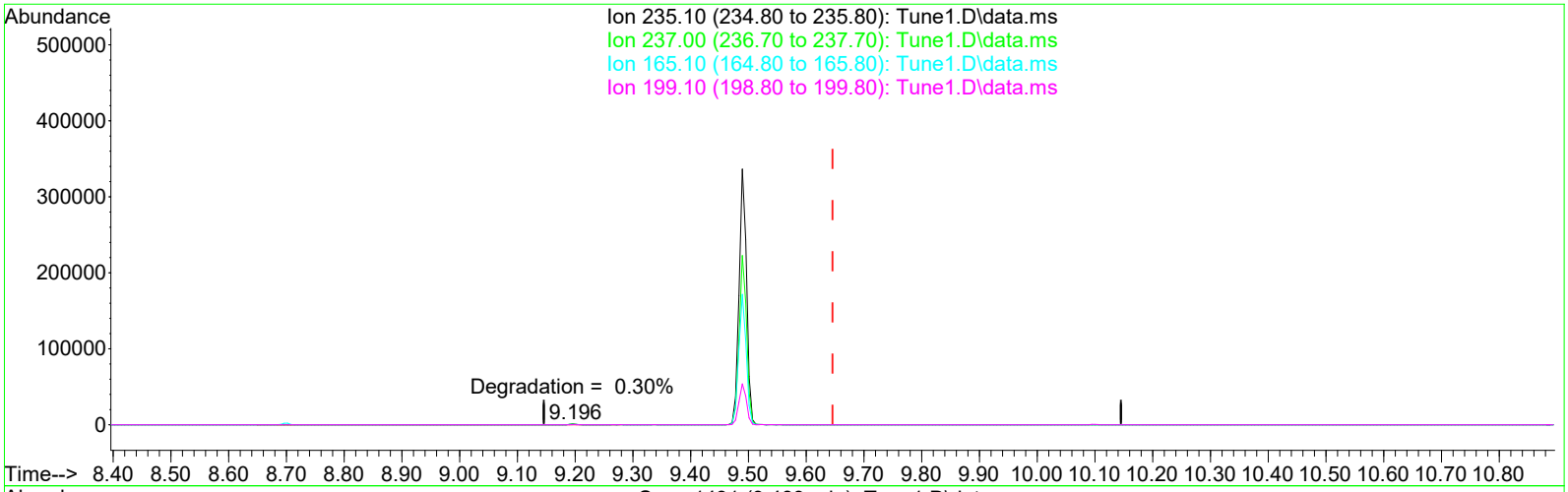
Spectrum Information: Average of 7.838 to 7.850 min.

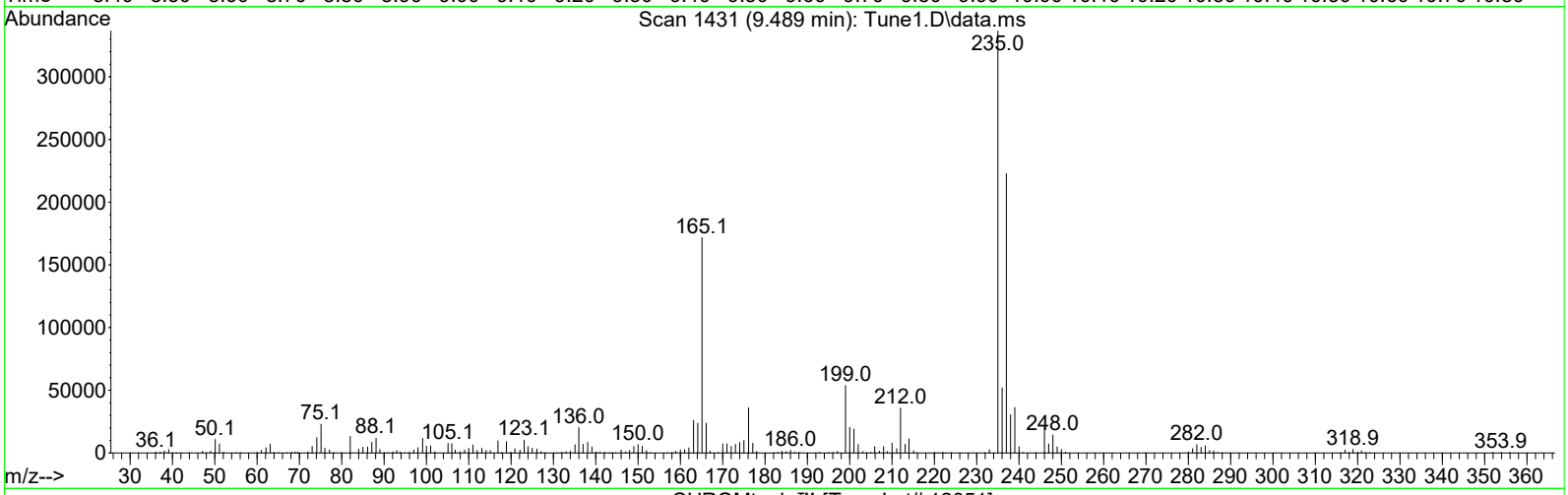
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	25.7	24658	PASS
68	69	0.00	2	0.0	0	PASS
69	69	100	100	100.0	30643	PASS
70	69	0.00	2	0.7	203	PASS
127	198	10	80	39.1	37536	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	96083	PASS
199	198	5	9	6.9	6619	PASS
275	198	10	60	27.9	26834	PASS
365	198	1	100	4.0	3814	PASS
441	442	0.01	24	17.6	13984	PASS
442	198	50	100	82.6	79379	PASS
443	442	15	24	18.9	14965	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\Mork\251209ical\
Data File : Tune1.D
Acq On : 9 Dec 2025 5:20 pm
Operator : MORK:jg
Sample : Tune Lot# 12051
Misc : WG2152654,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Dec 09 17:48:45 2025
Quant Method : I:\8270\Mork\251209ical\DftppMork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 09 17:49:22 2025
Response via : Initial Calibration





CHROMtools™ [Tune Lot# 12051]

(6) DDT (T)

9.489min (-0.157) 49.85

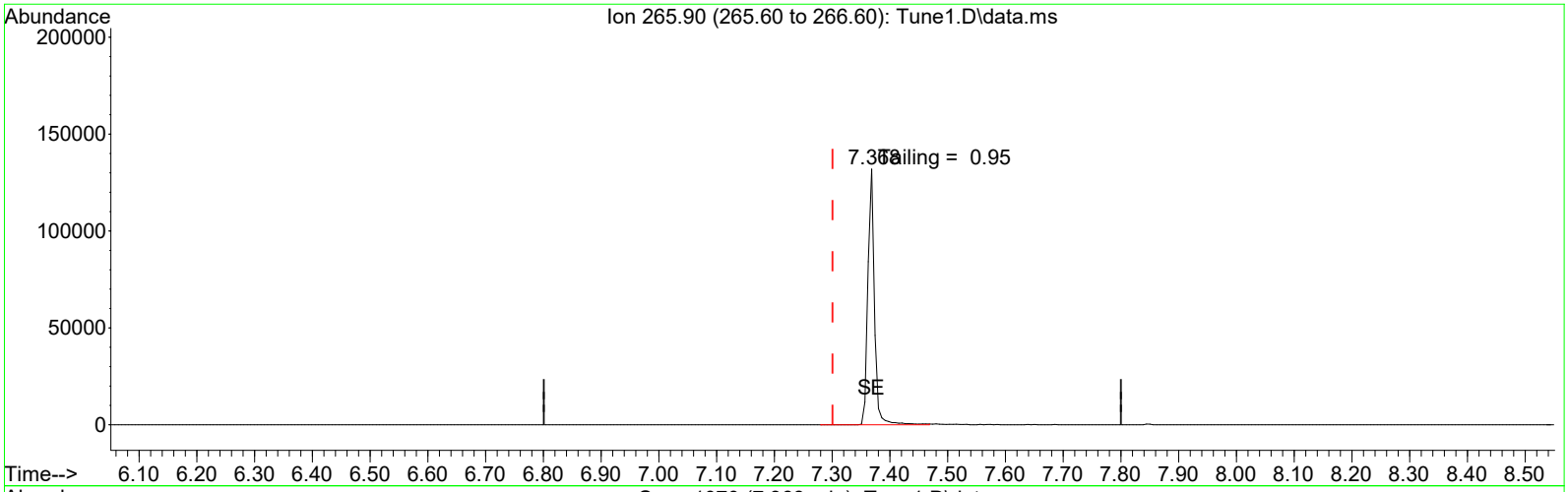
response 303864

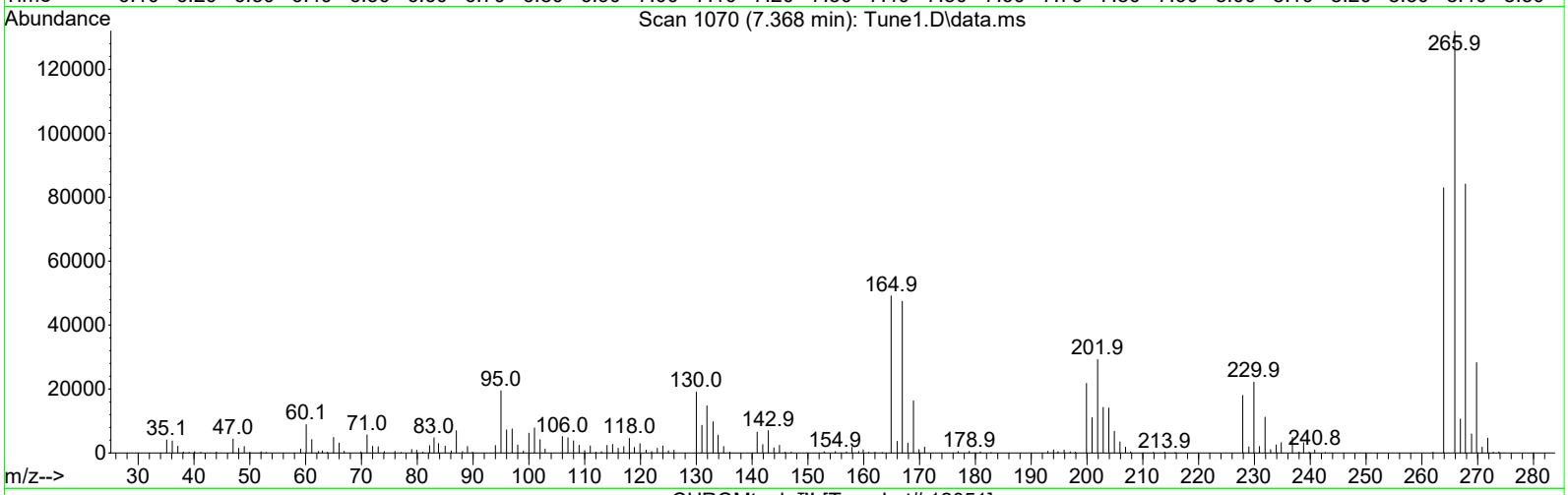
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	66.20	66.03
165.10	43.90	50.81
199.10	13.50	16.04

Quantitation Report (Qedit)

Data Path : I:\8270\Mork\251209ical\
Data File : Tune1.D
Acq On : 9 Dec 2025 5:20 pm
Operator : MORK:jg
Sample : Tune Lot# 12051
Misc : WG2152654,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Dec 09 17:48:45 2025
Quant Method : I:\8270\Mork\251209ical\DftppMork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 09 17:49:22 2025
Response via : Initial Calibration





CHROMtools™ [Tune Lot# 12051]

(1) Pentachlorophenol (T)

7.368min (+ 0.067) 49.75

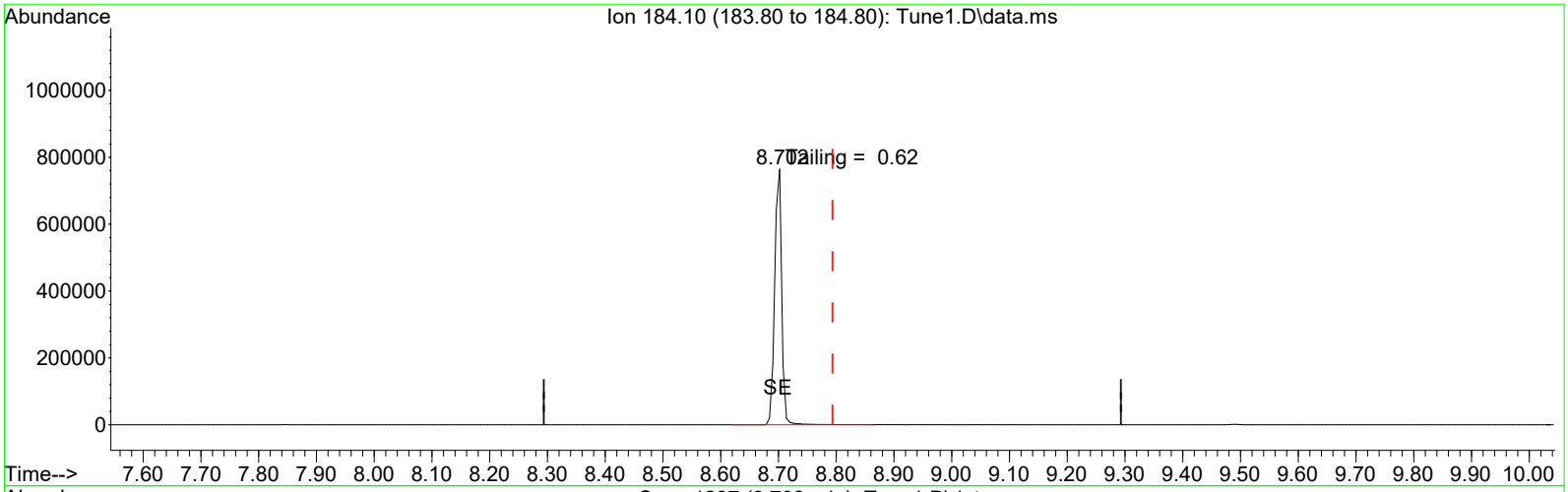
response 104499

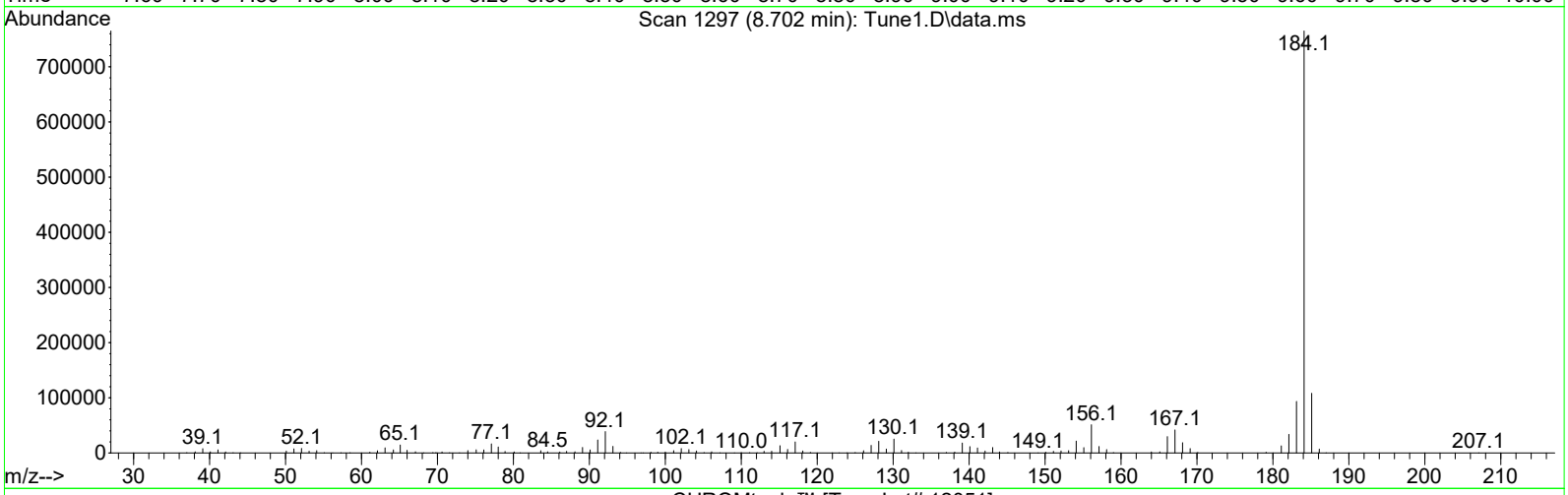
Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\Mork\251209ical\
Data File : Tune1.D
Acq On : 9 Dec 2025 5:20 pm
Operator : MORK:jg
Sample : Tune Lot# 12051
Misc : WG2152654,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Dec 09 17:48:45 2025
Quant Method : I:\8270\Mork\251209ical\DftppMork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 09 17:49:22 2025
Response via : Initial Calibration





CHROMtools™ [Tune Lot# 12051]

(3) Benzidine (T)

8.702min (-0.092) 63.67

response 648154

Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL10.D
Acq On : 9 Dec 2025 5:40 pm
Operator : MORK:jg
Sample : IL1,32,,ABNL200 Lot# 12058
Misc : WG2152654,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 10 15:08:15 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.649	152	109352	40.000	ug/ml	# 0.00
Standard Area 1 = 117810			Recovery = 92.82%			
35) IS1_Naphthalene-d8	4.730	136	383467	40.000	ug/ml	# 0.00
Standard Area 1 = 407331			Recovery = 94.14%			
63) IS1_Acenaphthene-d10	6.240	164	244223	40.000	ug/ml	0.00
Standard Area 1 = 261152			Recovery = 93.52%			
88) IS1_Phenanthrene-d10	7.515	188	557727	40.000	ug/ml	# 0.00
Standard Area 1 = 581810			Recovery = 95.86%			
104) IS1_Chrysene-d12	9.959	240	639350	40.000	ug/ml	# 0.01
Standard Area 1 = 706656			Recovery = 90.48%			
113) IS1_Perylene-d12	11.581	264	822778	40.000	ug/ml	0.01
Standard Area 1 = 833118			Recovery = 98.76%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.580	112	536511	184.430	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 368.86%#			
7) Phenol-d6	3.402	99	645941	170.186	ug/ml	0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 340.37%#			
19) Nitrobenzene-d5	4.131	82	576288	170.406	ug/ml	0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 681.62%#			
46) 2-Fluorobiphenyl	5.688	172	1663087	182.949	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 731.80%#			
79) 2,4,6-Tribromophenol	6.934	330	414243	236.622	ug/ml	0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 473.24%#			
96) 4-Terphenyl-d14	8.931	244	2619859	167.919	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 671.68%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.469	74	343125	181.809	ug/ml	99
3) Pyridine	1.487	79	627706M6	219.563	ug/ml	
5) Aniline	3.385	93	841426	176.933	ug/ml#	65
6) 2-Chlorophenol	3.485	128	606716	177.193	ug/ml	100
8) Phenol	3.414	94	671465M6	153.874	ug/ml	
9) Bis(2-chloroethyl)ether	3.461	93	477469	165.181	ug/ml	92
10) 1,3-Dichlorobenzene	3.602	146	719435	173.746	ug/ml	99
11) 1,4-Dichlorobenzene	3.667	146	728991	170.758	ug/ml	100
12) 1,2-Dichlorobenzene	3.790	146	674051	163.913	ug/ml	99
13) Benzyl alcohol	3.802	79	493022	172.524	ug/ml	96
14) Bis(2-chloroisopropyl)...	3.913	45	622101	190.093	ug/ml#	90

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL10.D
Acq On : 9 Dec 2025 5:40 pm
Operator : MORK:jg
Sample : IL1,32,,ABNL200 Lot# 12058
Misc : WG2152654,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 10 15:08:15 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	3.913	108	484645	161.118	ug/ml	98
16) Hexachloroethane	4.072	117	270326	185.280	ug/ml#	60
17) n-Nitrosodi-n-propylamine	4.037	70	391857	161.911	ug/ml#	93
18) 3-Methylphenol/4-Methy...	4.060	108	542802	167.777	ug/ml	97
20) Nitrobenzene	4.149	77	567139	164.881	ug/ml	96
21) Isophorone	4.366	82	1058504	163.121	ug/ml	98
22) 2-Nitrophenol	4.419	139	339806	201.003	ug/ml#	94
23) 2,4-Dimethylphenol	4.501	107	604333	187.110	ug/ml	96
24) Bis(2-chloroethoxy)met...	4.572	93	638601	162.340	ug/ml#	96
25) 2,4-Dichlorophenol	4.642	162	651943	190.199	ug/ml	97
26) 1,2,4-Trichlorobenzene	4.695	180	759086	187.576	ug/ml	99
36) Naphthalene	4.754	128	1635479	160.267	ug/ml	98
37) Benzoic Acid	4.689	105	484137M3	215.326	ug/ml	
38) 4-Chloroaniline	4.818	65	208289	180.031	ug/ml	96
39) Hexachlorobutadiene	4.883	225	517152	189.660	ug/ml	99
40) p-Chloro-m-cresol	5.271	107	542967	184.842	ug/ml	98
41) 2-Methylnaphthalene	5.353	142	1169246	167.295	ug/ml	94
42) 1-Methylnaphthalene	5.435	115	445356	187.366	ug/ml	87
43) Hexachlorocyclopentadiene	5.500	237	672399	243.270	ug/ml	97
44) 2,4,6-Trichlorophenol	5.612	196	580707	205.221	ug/ml	99
45) 2,4,5-Trichlorophenol	5.641	196	617570	209.375	ug/ml	99
47) 2-Chloronaphthalene	5.770	162	1405103	186.212	ug/ml	98
48) 2-Nitroaniline	5.876	138	435679	209.026	ug/ml	98
49) 1,4-Dinitrobenzene	6.005	168	215553	235.323	ug/ml	90
50) 1,3-Dinitrobenzene	6.076	168	237348	223.814	ug/ml	95
51) Dimethyl phthalate	6.070	163	1681065	186.635	ug/ml#	98
52) Acenaphthylene	6.123	152	2100279	181.018	ug/ml	97
53) 2,6-Dinitrotoluene	6.105	165	375529	208.006	ug/ml#	81
54) 1,2-Dinitrobenzene	6.146	168	141036M3	210.332	ug/ml	
64) 3-Nitroaniline	6.240	138	377967	197.486	ug/ml	98
65) Acenaphthene	6.275	154	1194720	175.927	ug/ml	94
66) 2,4-Dinitrophenol	6.334	184	274981	267.956	ug/ml#	88
67) Dibenzofuran	6.428	168	1997928	178.461	ug/ml#	74
68) 2,4-Dinitrotoluene	6.452	165	522652	210.727	ug/ml#	79
69) 4-Nitrophenol	6.428	65	270870	204.513	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	6.510	232	568519	201.915	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	6.546	232	545019	199.477	ug/ml	99
72) Diethyl phthalate	6.675	149	1650523	184.214	ug/ml	97
73) Fluorene	6.722	166	1630282	182.274	ug/ml	93
74) 4-Chlorophenyl phenyl ...	6.740	204	861425	185.664	ug/ml	97

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL10.D
Acq On : 9 Dec 2025 5:40 pm
Operator : MORK:jg
Sample : IL1,32,,ABNL200 Lot# 12058
Misc : WG2152654,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 10 15:08:15 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	6.781	138	367484	186.644	ug/ml#	81
76)	4,6-Dinitro-o-cresol	6.810	198	363972	269.913	ug/ml#	86
77)	NDPA/DPA	6.851	169	1403793	186.380	ug/ml	91
78)	Azobenzene	6.875	77	1239016M6	165.698	ug/ml	
80)	4-Bromophenyl phenyl e...	7.157	248	647490	196.138	ug/ml	97
81)	Hexachlorobenzene	7.198	284	792646	203.744	ug/ml	91
82)	Pentachlorophenol	7.374	266	543862	223.296	ug/ml	99
89)	Phenanthrene	7.539	178	2579922	167.340	ug/ml	95
90)	Anthracene	7.586	178	2531912	163.860	ug/ml	94
91)	Carbazole	7.738	167	2433033	171.728	ug/ml	95
92)	Di-n-butylphthalate	8.091	149	2832953	174.351	ug/ml	98
93)	Fluoranthene	8.567	202	3219941	167.280	ug/ml#	91
94)	Benzidine	8.714	184	2364289	213.096	ug/ml#	93
95)	Pyrene	8.755	202	3286521	163.605	ug/ml	94
97)	Butyl benzyl phthalate	9.437	149	1514399	227.379	ug/ml	93
105)	Benzo(a)anthracene	9.948	228	3692133	171.881	ug/ml	95
106)	3,3'-Dichlorobenzidine	9.965	252	1612235	203.935	ug/ml#	96
107)	Chrysene	9.995	228	3240546	162.266	ug/ml	94
108)	Bis(2-ethylhexyl)phtha...	10.100	149	2060752	202.818	ug/ml#	94
109)	Di-n-octylphthalate	10.864	149	3766051	218.247	ug/ml	95
110)	Benzo(b)fluoranthene	11.170	252	5121601	231.884	ug/ml#	91
111)	Benzo(k)fluoranthene	11.205	252	3116260M3	149.573	ug/ml	
112)	Benzo(a)pyrene	11.528	252	4115281	205.764	ug/ml#	92
114)	Indeno(1,2,3-cd)pyrene	12.762	276	5237236M6	208.210	ug/mL	
115)	Dibenzo(a,h)anthracene	12.803	278	4326647	181.578	ug/ml#	88
116)	Benzo(ghi)perylene	13.038	276	4485699	194.235	ug/ml#	84

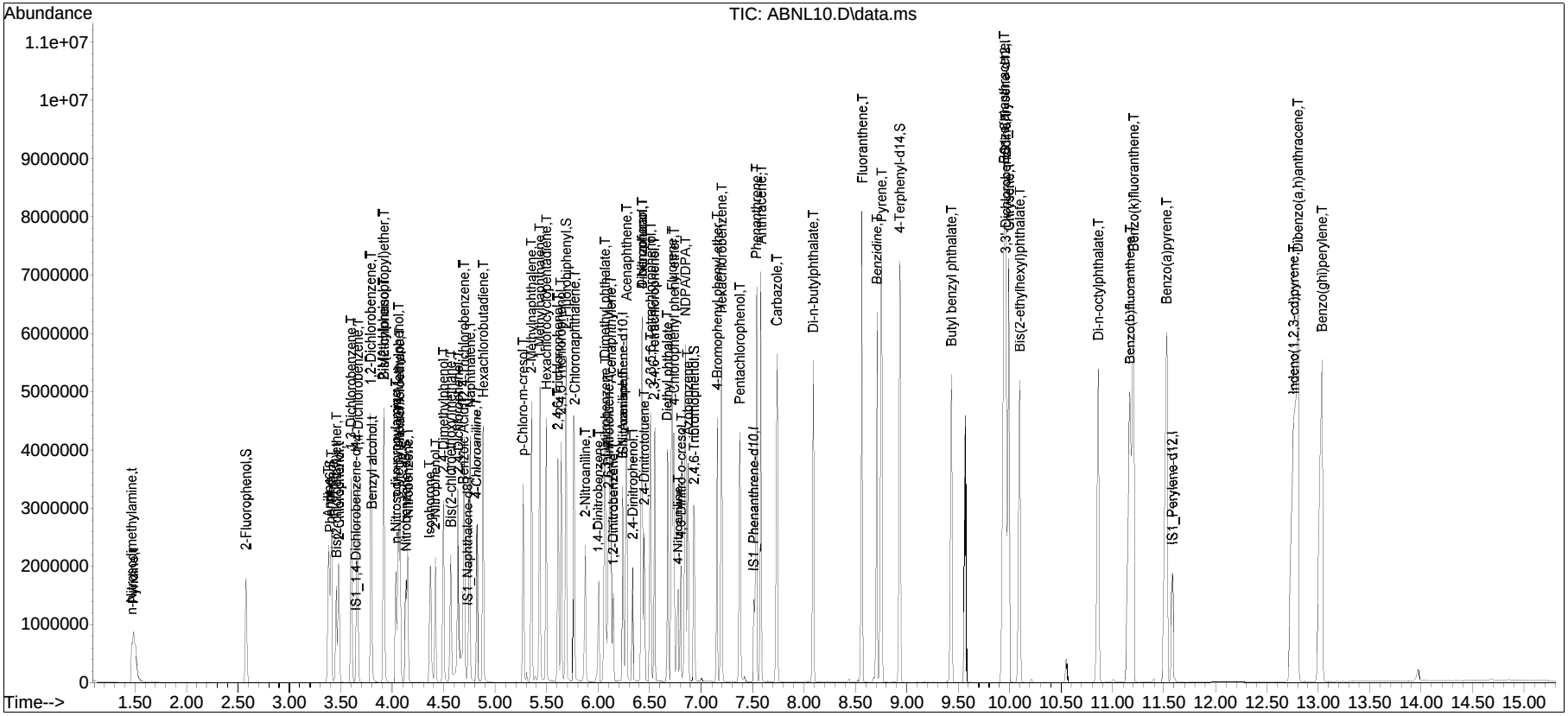
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL10.D
Acq On : 9 Dec 2025 5:40 pm
Operator : MORK:jg
Sample : IL1,32,,ABNL200 Lot# 12058
Misc : WG2152654,,
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Dec 10 15:08:15 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

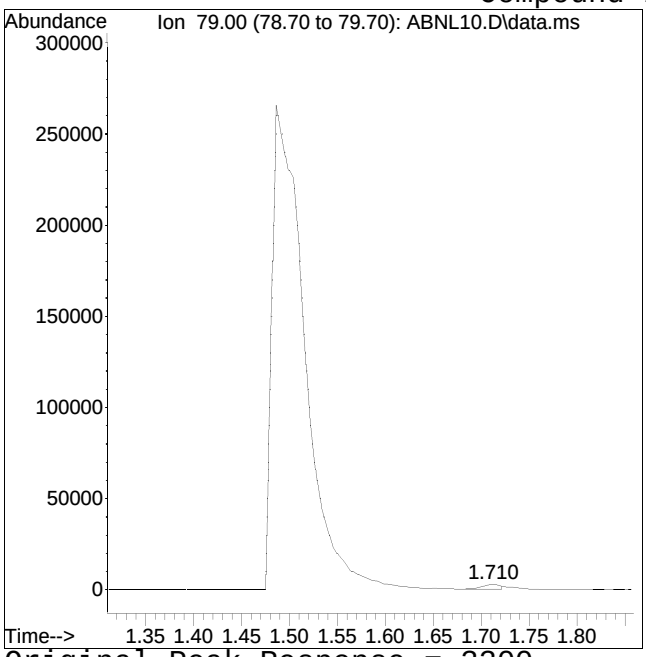
Sub List : ABNical - ABN ical sublistl\ABNL7.D•



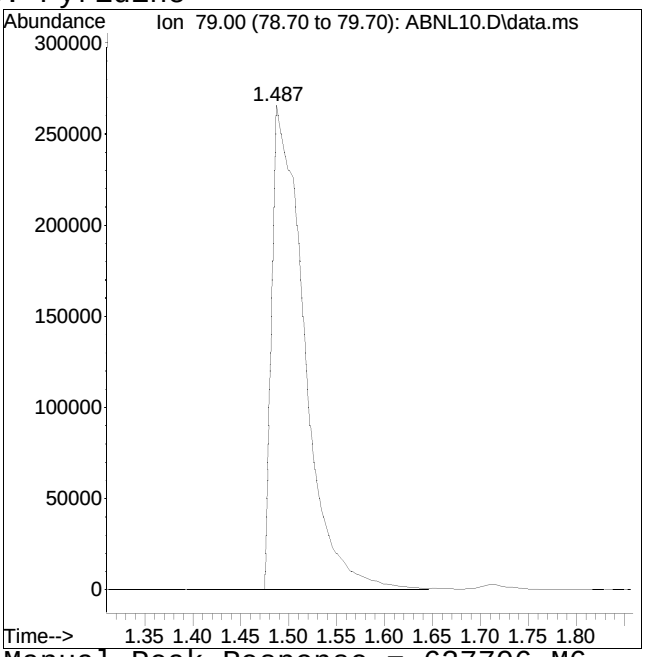
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL10.D Operator : MORK:jg
Date Inj'd : 12/9/2025 5:40 pm Instrument : Mork
Sample : IL1,32,,ABNL200 Lot# 12058Quant Date : 12/10/2025 2:44 pm

Compound #3: Pyridine



Original Peak Response = 3300



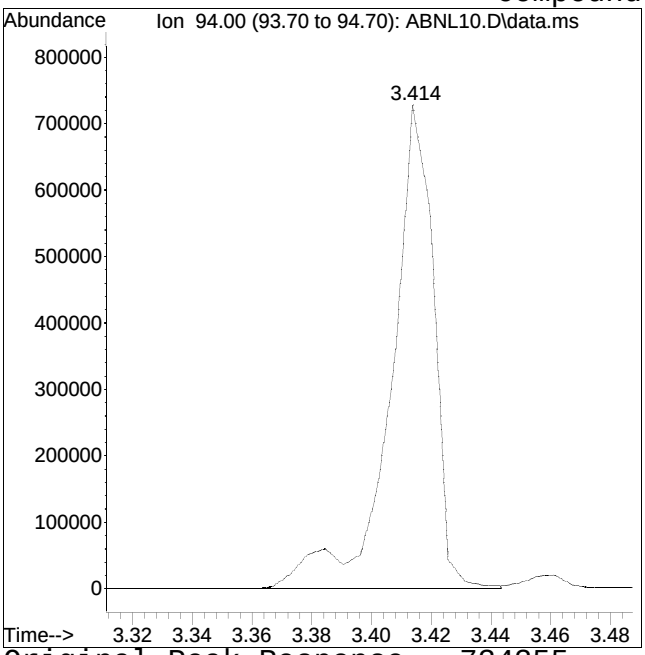
Manual Peak Response = 627706 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

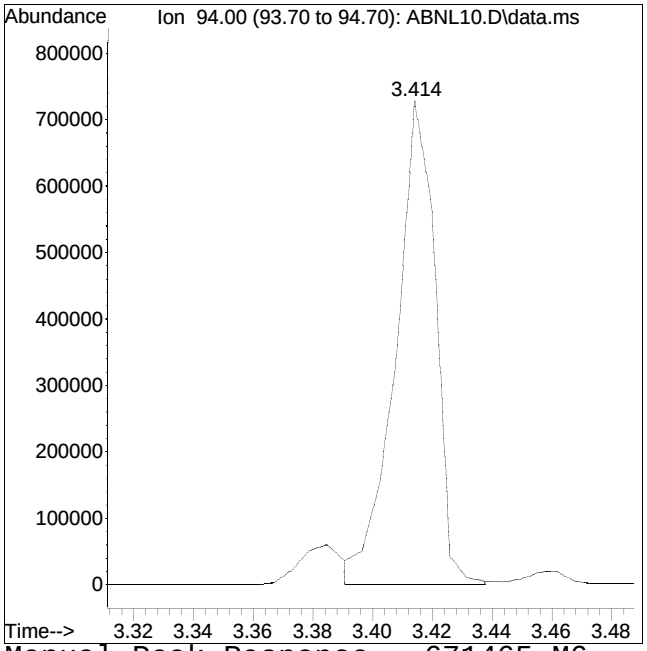
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL10.D Operator : MORK:jg
Date Inj'd : 12/9/2025 5:40 pm Instrument : Mork
Sample : IL1,32,,ABNL200 Lot# 12058 Quant Date : 12/10/2025 2:44 pm

Compound #8: Phenol



Original Peak Response = 734355



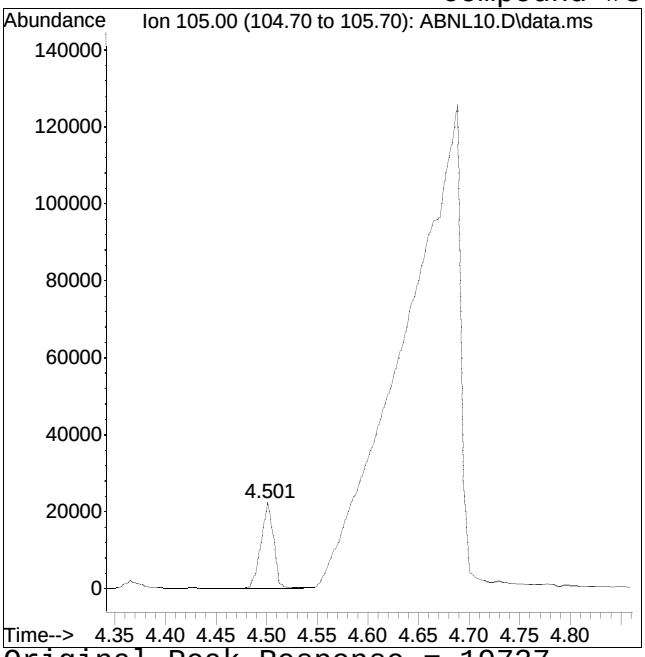
Manual Peak Response = 671465 M6

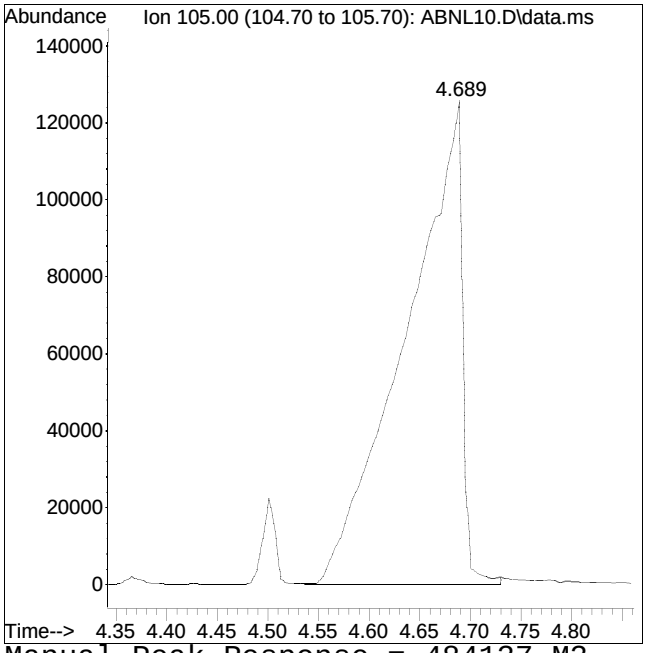
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL10.D Operator : MORK:jg
Date Inj'd : 12/9/2025 5:40 pm Instrument : Mork
Sample : IL1,32,,ABNL200 Lot# 12058 Quant Date : 12/10/2025 2:44 pm

Compound #37: Benzoic Acid





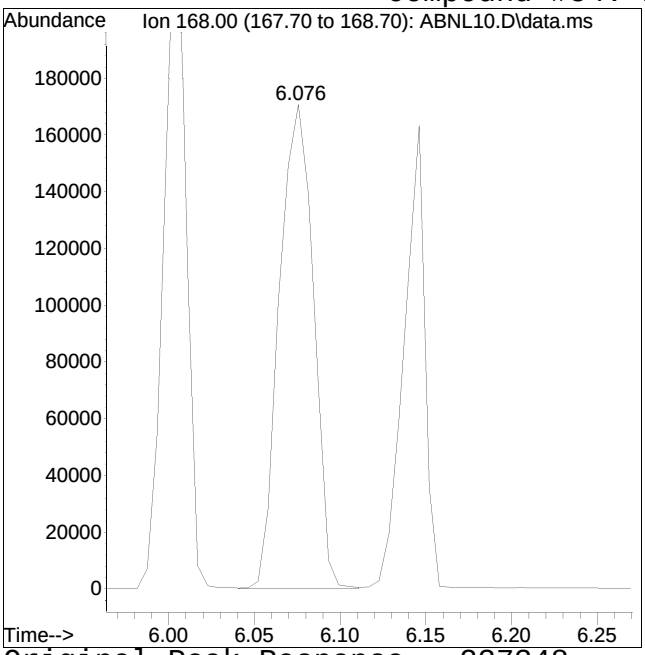
Original Peak Response = 19737 Manual Peak Response = 484137 M3

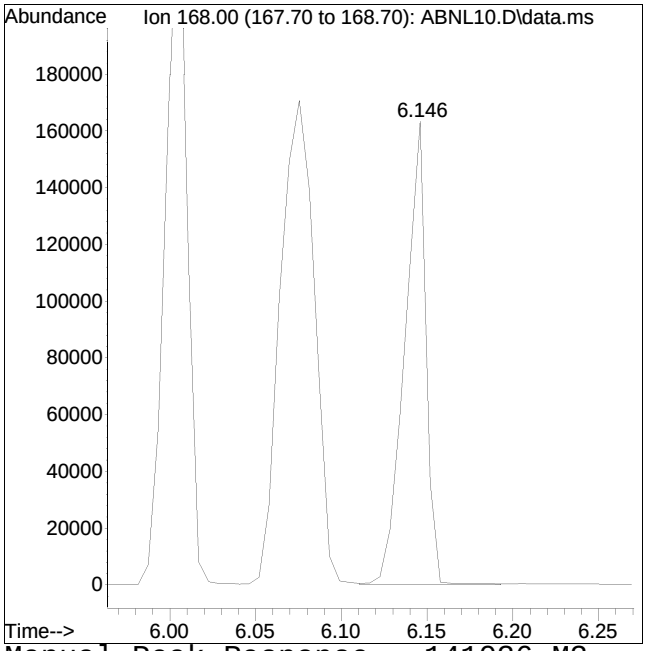
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL10.D Operator : MORK:jg
Date Inj'd : 12/9/2025 5:40 pm Instrument : Mork
Sample : IL1,32,,ABNL200 Lot# 12058 Quant Date : 12/10/2025 2:44 pm

Compound #54: 1,2-Dinitrobenzene





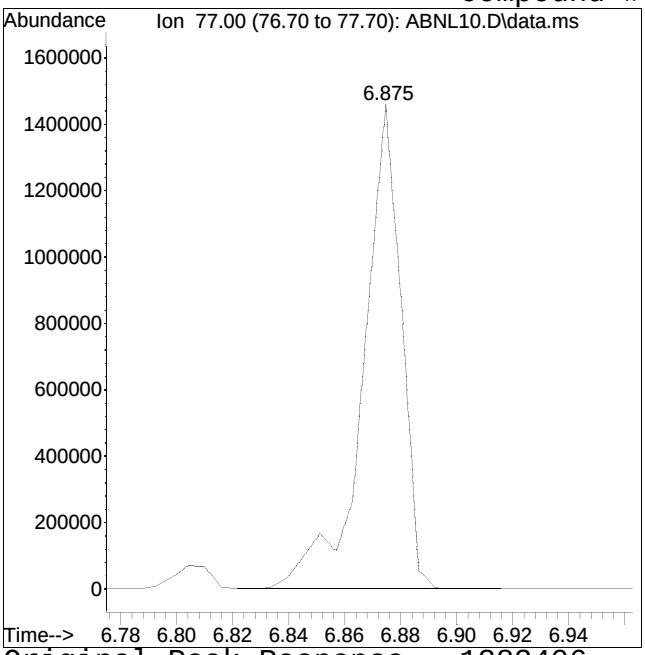
Original Peak Response = 237348 Manual Peak Response = 141036 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

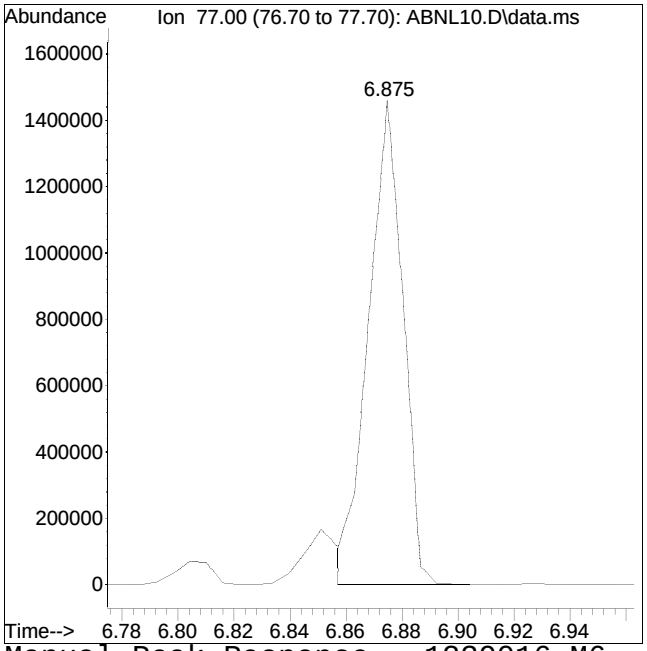
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL10.D Operator : MORK:jg
Date Inj'd : 12/9/2025 5:40 pm Instrument : Mork
Sample : IL1,32,,ABNL200 Lot# 12058 Quant Date : 12/10/2025 2:44 pm

Compound #78: Azobenzene



Original Peak Response = 1383406



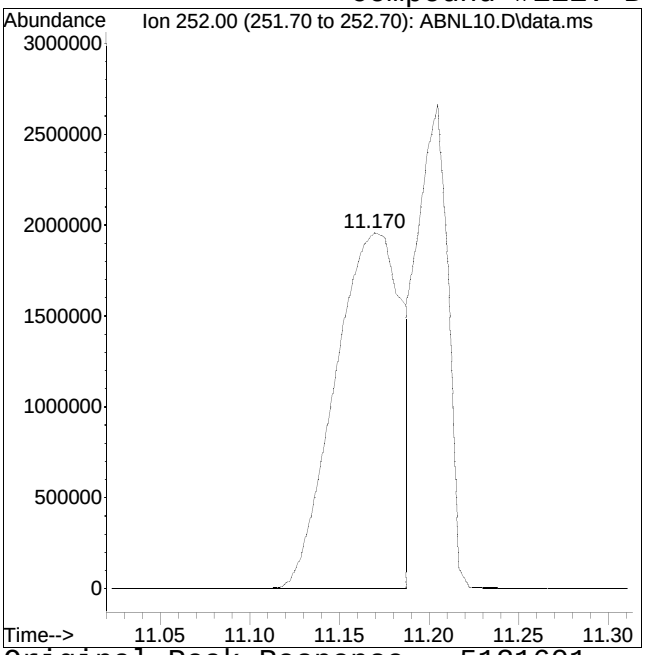
Manual Peak Response = 1239016 M6

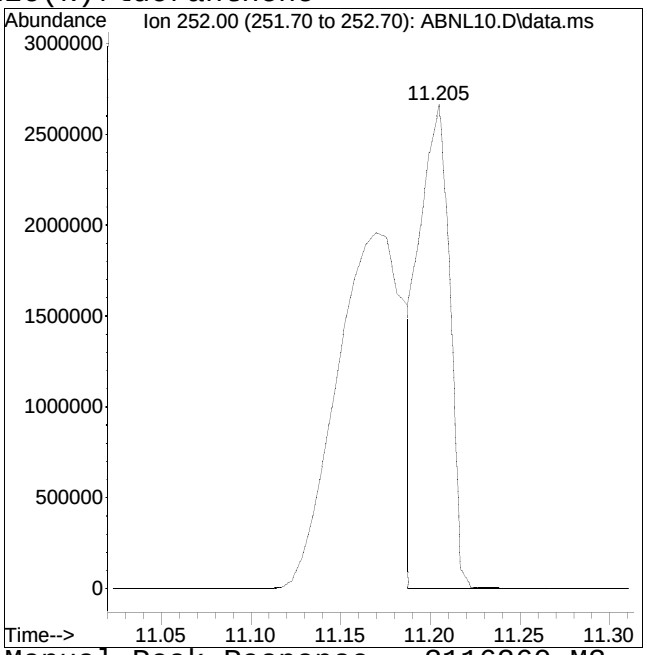
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL10.D Operator : MORK:jg
Date Inj'd : 12/9/2025 5:40 pm Instrument : Mork
Sample : IL1,32,,ABNL200 Lot# 12058 Quant Date : 12/10/2025 2:44 pm

Compound #111: Benzo(k)fluoranthene



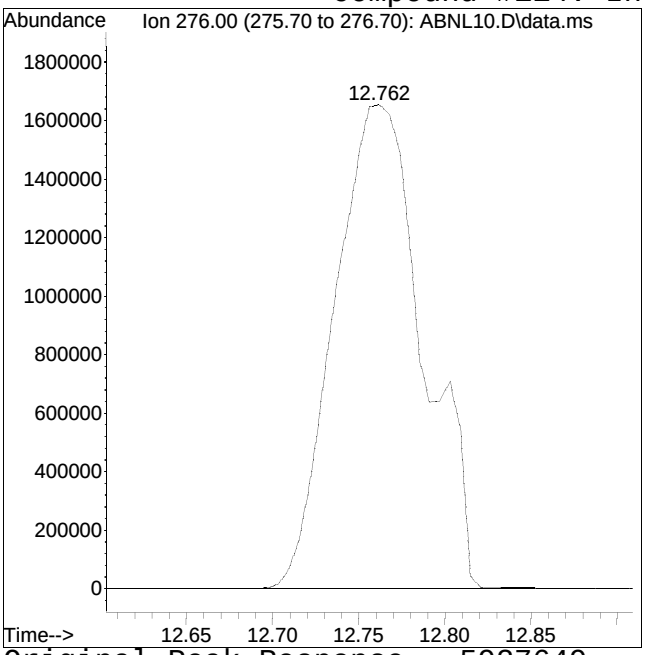


Original Peak Response = 5121601 Manual Peak Response = 3116260 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

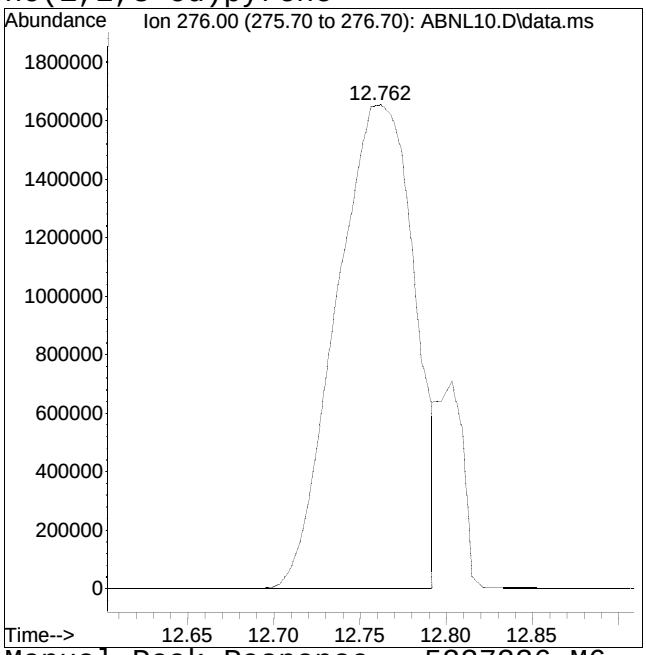
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL10.D Operator : MORK:jg
Date Inj'd : 12/9/2025 5:40 pm Instrument : Mork
Sample : IL1,32,,ABNL200 Lot# 12058 Quant Date : 12/10/2025 2:44 pm

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 5927649



Manual Peak Response = 5237236 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL9.D
Acq On : 9 Dec 2025 6:00 pm
Operator : MORK:jg
Sample : IL2,32,,ABNL150 Lot# 12127
Misc : WG2152654,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 10 15:20:57 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.649	152	104242	40.000	ug/ml	# 0.00
Standard Area 1 = 117810			Recovery = 88.48%			
35) IS1_Naphthalene-d8	4.730	136	355338	40.000	ug/ml	# 0.00
Standard Area 1 = 407331			Recovery = 87.24%			
63) IS1_Acenaphthene-d10	6.240	164	227917	40.000	ug/ml	0.00
Standard Area 1 = 261152			Recovery = 87.27%			
88) IS1_Phenanthrene-d10	7.515	188	520673	40.000	ug/ml	# 0.00
Standard Area 1 = 581810			Recovery = 89.49%			
104) IS1_Chrysene-d12	9.954	240	631932	40.000	ug/ml	# 0.00
Standard Area 1 = 706656			Recovery = 89.43%			
113) IS1_Perylene-d12	11.575	264	771583	40.000	ug/ml	0.00
Standard Area 1 = 833118			Recovery = 92.61%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.580	112	407683	147.015	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 294.03%#			
7) Phenol-d6	3.402	99	502908	138.997	ug/ml	0.01
Spiked Amount 50.000	Range 15 - 110		Recovery = 277.99%#			
19) Nitrobenzene-d5	4.131	82	432730	134.229	ug/ml	0.01
Spiked Amount 25.000	Range 30 - 130		Recovery = 536.92%#			
46) 2-Fluorobiphenyl	5.682	172	1245100	147.810	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 591.24%#			
79) 2,4,6-Tribromophenol	6.928	330	294306	180.140	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 360.28%#			
96) 4-Terphenyl-d14	8.931	244	2052922	140.946	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 563.78%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.469	74	249575	138.723	ug/ml	99
3) Pyridine	1.493	79	453811M6	166.518	ug/ml	
5) Aniline	3.379	93	646990	142.717	ug/ml#	66
6) 2-Chlorophenol	3.479	128	459841	140.881	ug/ml	99
8) Phenol	3.414	94	510368	122.690	ug/ml#	63
9) Bis(2-chloroethyl)ether	3.455	93	360228	130.730	ug/ml	98
10) 1,3-Dichlorobenzene	3.602	146	545608	138.226	ug/ml	98
11) 1,4-Dichlorobenzene	3.667	146	549657	135.063	ug/ml	99
12) 1,2-Dichlorobenzene	3.790	146	522279	133.232	ug/ml	99
13) Benzyl alcohol	3.796	79	366551	134.556	ug/ml	97
14) Bis(2-chloroisopropyl)...	3.913	45	465785	149.305	ug/ml#	89

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL9.D
Acq On : 9 Dec 2025 6:00 pm
Operator : MORK:jg
Sample : IL2,32,,ABNL150 Lot# 12127
Misc : WG2152654,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 10 15:20:57 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	3.913	108	376182	131.191	ug/ml	98
16) Hexachloroethane	4.072	117	203504	146.318	ug/ml#	61
17) n-Nitrosodi-n-propylamine	4.031	70	295921	128.265	ug/ml#	93
18) 3-Methylphenol/4-Methy...	4.054	108	407410	132.102	ug/ml	97
20) Nitrobenzene	4.143	77	426494	130.070	ug/ml	96
21) Isophorone	4.360	82	779250	125.973	ug/ml#	98
22) 2-Nitrophenol	4.419	139	258546	160.433	ug/ml#	93
23) 2,4-Dimethylphenol	4.501	107	453688	147.354	ug/ml	96
24) Bis(2-chloroethoxy)met...	4.572	93	475663	126.847	ug/ml#	96
25) 2,4-Dichlorophenol	4.636	162	488021	149.355	ug/ml	97
26) 1,2,4-Trichlorobenzene	4.695	180	568829	147.453	ug/ml	99
36) Naphthalene	4.748	128	1255250	132.744	ug/ml	99
37) Benzoic Acid	4.671	105	362220M3	173.855	ug/ml	
38) 4-Chloroaniline	4.818	65	150612	140.484	ug/ml	99
39) Hexachlorobutadiene	4.883	225	374190	148.094	ug/ml	98
40) p-Chloro-m-cresol	5.271	107	400397	147.097	ug/ml	98
41) 2-Methylnaphthalene	5.353	142	880140	135.899	ug/ml	93
42) 1-Methylnaphthalene	5.429	115	327701	148.781	ug/ml	88
43) Hexachlorocyclopentadiene	5.500	237	496115	193.700	ug/ml	98
44) 2,4,6-Trichlorophenol	5.612	196	417006	159.035	ug/ml	96
45) 2,4,5-Trichlorophenol	5.641	196	468244	171.316	ug/ml	97
47) 2-Chloronaphthalene	5.764	162	1018994	145.733	ug/ml	98
48) 2-Nitroaniline	5.876	138	319777	165.565	ug/ml	98
49) 1,4-Dinitrobenzene	5.999	168	160663	189.283	ug/ml	89
50) 1,3-Dinitrobenzene	6.070	168	178197	181.338	ug/ml	92
51) Dimethyl phthalate	6.064	163	1250327	149.802	ug/ml#	98
52) Acenaphthylene	6.117	152	1606545	149.425	ug/ml	98
53) 2,6-Dinitrotoluene	6.099	165	274720	164.214	ug/ml	97
54) 1,2-Dinitrobenzene	6.140	168	101769M3	163.786	ug/ml	
64) 3-Nitroaniline	6.234	138	277888	155.583	ug/ml	99
65) Acenaphthene	6.270	154	917237	144.730	ug/ml	95
66) 2,4-Dinitrophenol	6.328	184	199728	208.550	ug/ml#	89
67) Dibenzofuran	6.422	168	1500230	143.592	ug/ml#	76
68) 2,4-Dinitrotoluene	6.446	165	383634	165.742	ug/ml#	76
69) 4-Nitrophenol	6.422	65	200938	162.567	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	6.510	232	420150	159.896	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	6.546	232	406846	159.559	ug/ml	98
72) Diethyl phthalate	6.675	149	1226757	146.713	ug/ml	98
73) Fluorene	6.716	166	1207213	144.629	ug/ml	92
74) 4-Chlorophenyl phenyl ...	6.734	204	640044	147.819	ug/ml	96

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL9.D
Acq On : 9 Dec 2025 6:00 pm
Operator : MORK:jg
Sample : IL2,32,,ABNL150 Lot# 12127
Misc : WG2152654,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 10 15:20:57 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	6.769	138	263574	143.446	ug/ml#	80
76)	4,6-Dinitro-o-cresol	6.798	198	264670	210.315	ug/ml#	85
77)	NDPA/DPA	6.845	169	1030384	146.591	ug/ml	91
78)	Azobenzene	6.875	77	900747M6	129.078	ug/ml	
80)	4-Bromophenyl phenyl e...	7.151	248	468173	151.965	ug/ml	97
81)	Hexachlorobenzene	7.198	284	580752	159.958	ug/ml	91
82)	Pentachlorophenol	7.374	266	382746	168.388	ug/ml	100
89)	Phenanthrene	7.539	178	1924906	133.740	ug/ml	96
90)	Anthracene	7.580	178	1957977	135.734	ug/ml	95
91)	Carbazole	7.738	167	1800030	136.091	ug/ml	96
92)	Di-n-butylphthalate	8.091	149	2142048	141.212	ug/ml	98
93)	Fluoranthene	8.561	202	2501250	139.191	ug/ml#	91
94)	Benzidine	8.708	184	1819859	175.699	ug/ml#	93
95)	Pyrene	8.755	202	2547062	135.817	ug/ml	95
97)	Butyl benzyl phthalate	9.437	149	1117692	179.758	ug/ml	93
105)	Benzo(a)anthracene	9.942	228	2950745	138.979	ug/ml	96
106)	3,3'-Dichlorobenzidine	9.959	252	1254085	160.494	ug/ml#	96
107)	Chrysene	9.989	228	2464940	124.878	ug/ml	95
108)	Bis(2-ethylhexyl)phtha...	10.100	149	1551530	154.493	ug/ml#	93
109)	Di-n-octylphthalate	10.858	149	2875201	168.577	ug/ml#	95
110)	Benzo(b)fluoranthene	11.164	252	3434688	157.333	ug/ml#	92
111)	Benzo(k)fluoranthene	11.199	252	2824164M3	137.144	ug/ml	
112)	Benzo(a)pyrene	11.522	252	3155877	159.646	ug/ml#	92
114)	Indeno(1,2,3-cd)pyrene	12.756	276	3875501	164.296	ug/mL#	84
115)	Dibenzo(a,h)anthracene	12.797	278	3343518	149.629	ug/ml#	89
116)	Benzo(ghi)perylene	13.026	276	3438570	158.773	ug/ml#	84

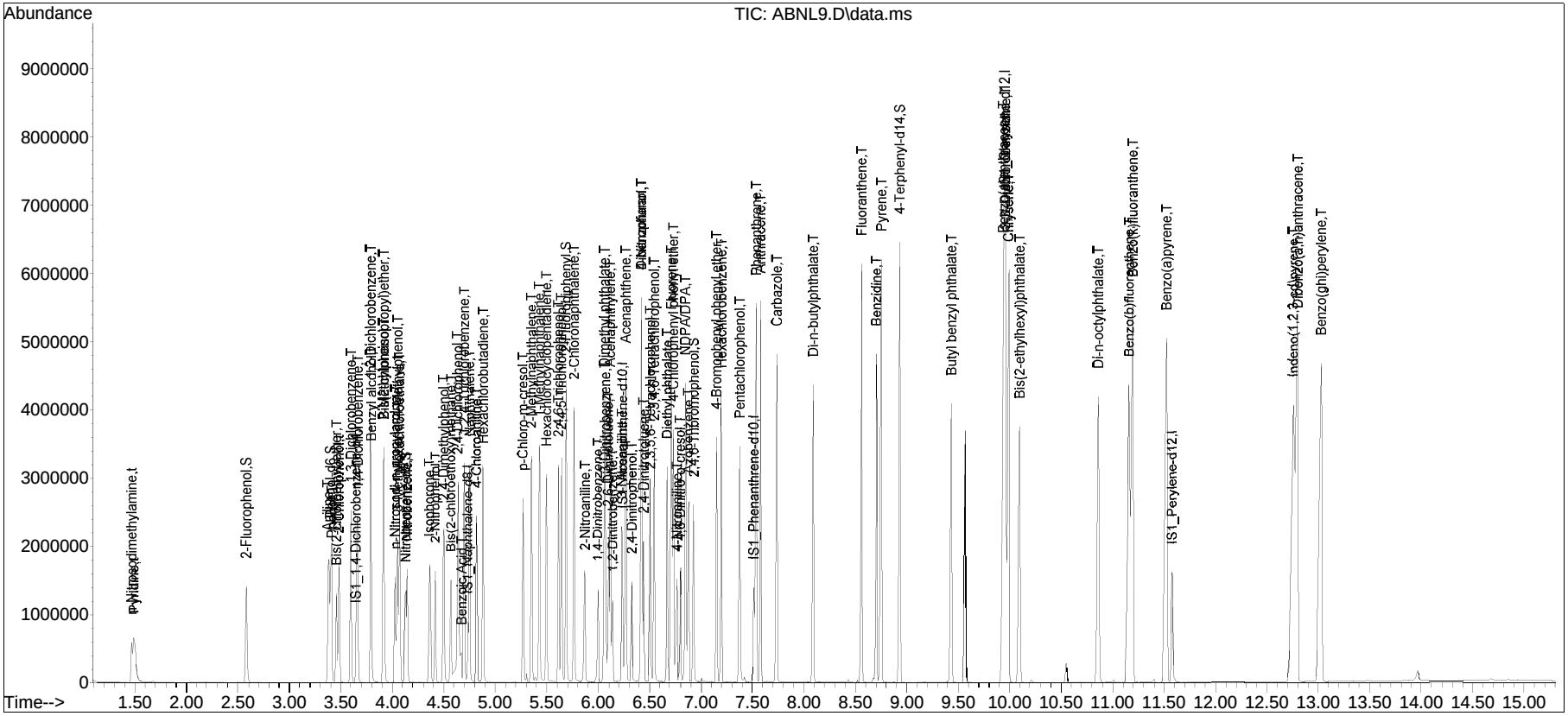
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL9.D
Acq On : 9 Dec 2025 6:00 pm
Operator : MORK:jg
Sample : IL2,32,,ABNL150 Lot# 12127
Misc : WG2152654,,
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 10 15:20:57 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

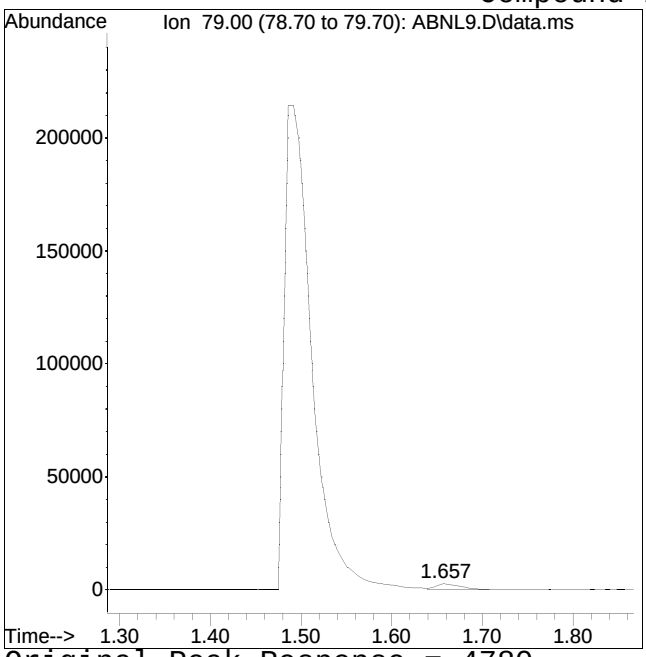
Sub List : ABNical - ABN ical sublistl\ABNL7.D•



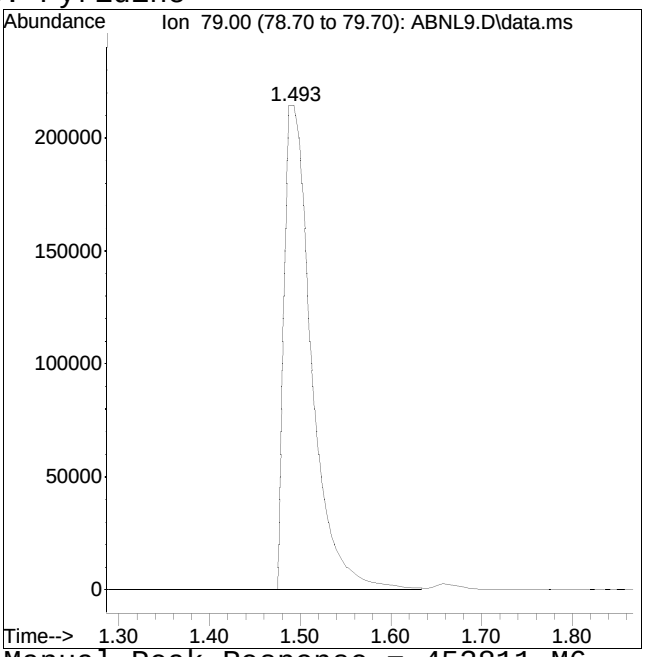
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL9.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:00 pm Instrument : Mork
Sample : IL2,32,,ABNL150 Lot# 12127 Quant Date : 12/10/2025 2:48 pm

Compound #3: Pyridine



Original Peak Response = 4780



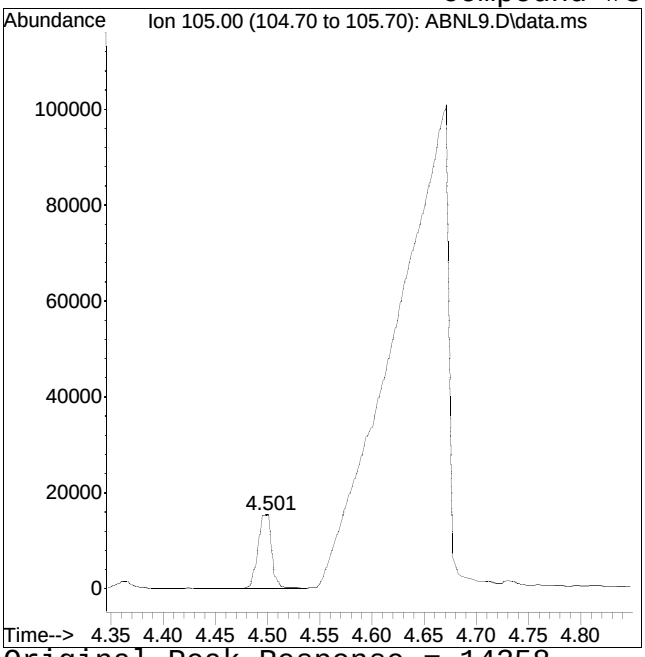
Manual Peak Response = 453811 M6

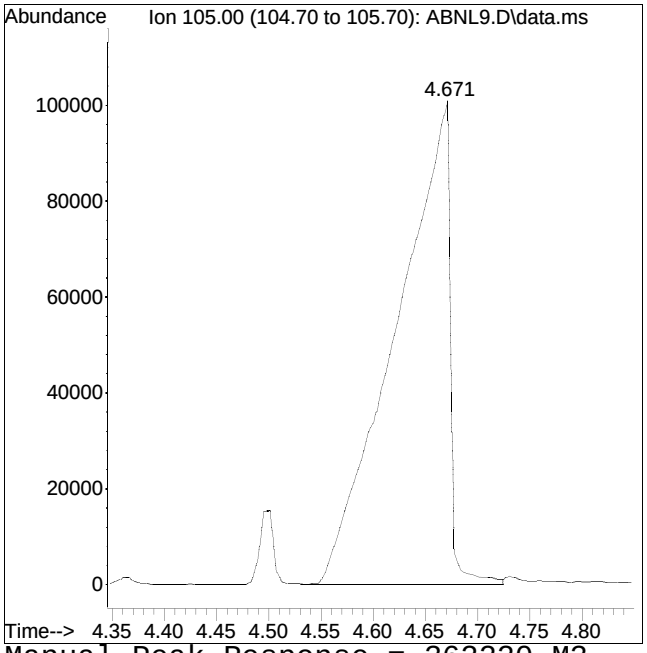
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL9.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:00 pm Instrument : Mork
Sample : IL2,32,,ABNL150 Lot# 12127 Quant Date : 12/10/2025 2:48 pm

Compound #37: Benzoic Acid





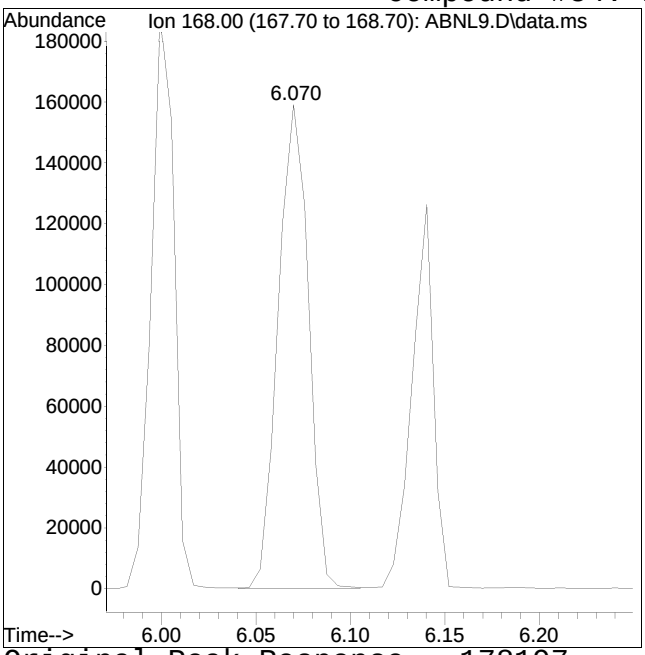
Original Peak Response = 14358 Manual Peak Response = 362220 M3

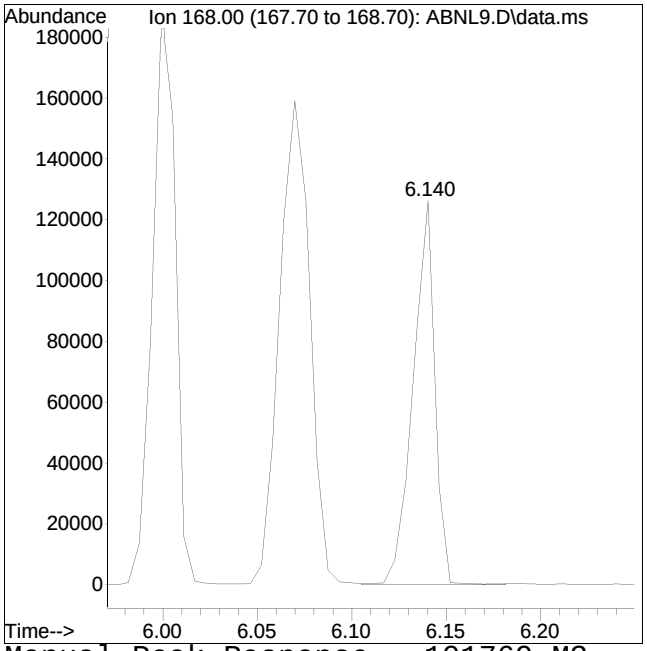
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL9.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:00 pm Instrument : Mork
Sample : IL2,32,,ABNL150 Lot# 12127 Quant Date : 12/10/2025 2:48 pm

Compound #54: 1,2-Dinitrobenzene





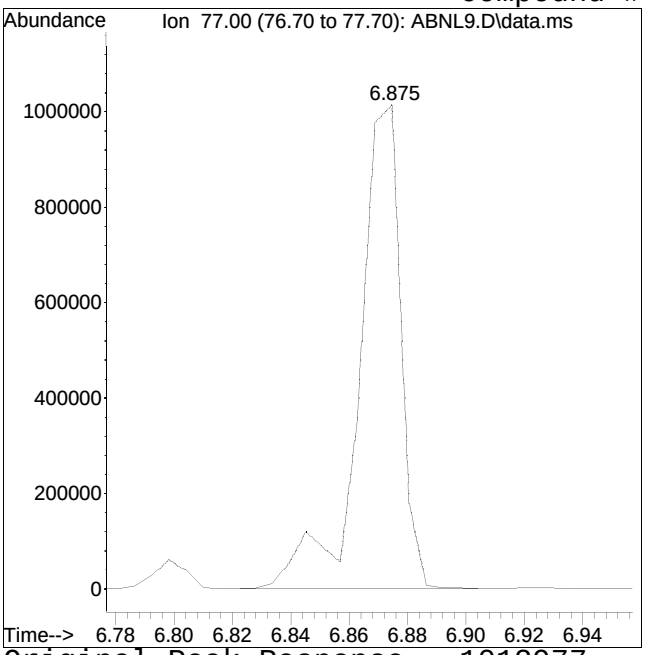
Original Peak Response = 178197 Manual Peak Response = 101769 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

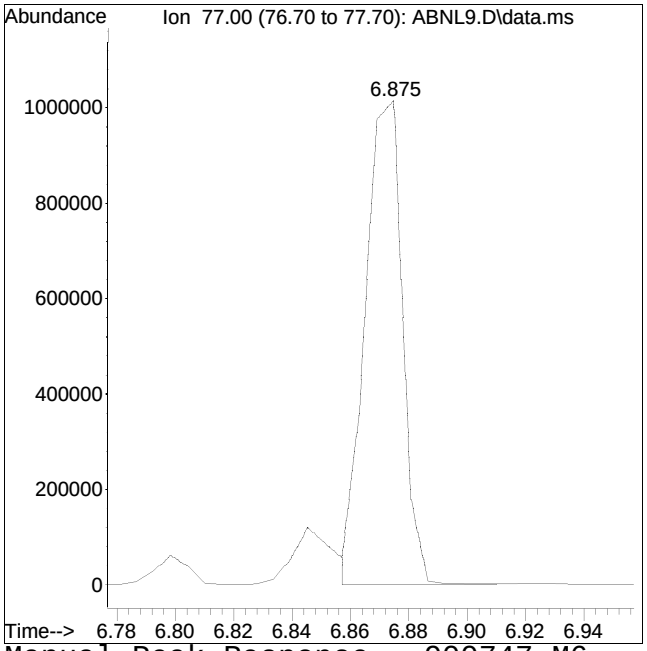
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL9.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:00 pm Instrument : Mork
Sample : IL2,32,,ABNL150 Lot# 12127 Quant Date : 12/10/2025 2:48 pm

Compound #78: Azobenzene



Original Peak Response = 1012977



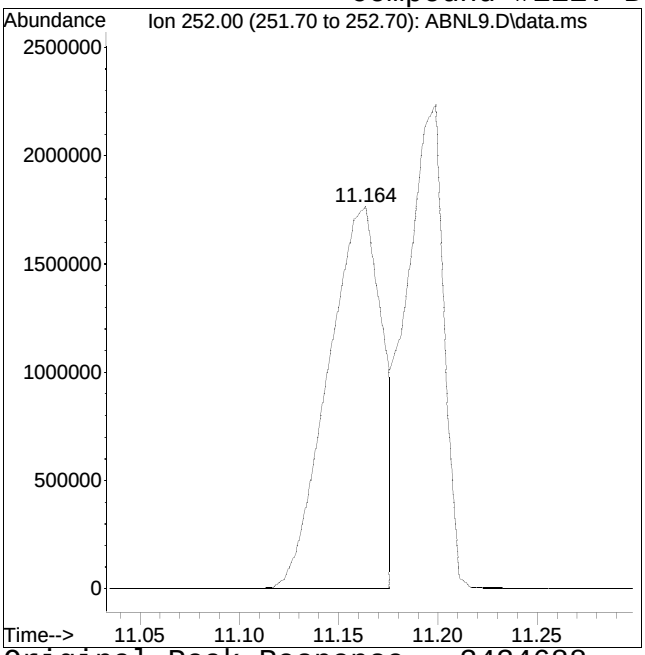
Manual Peak Response = 900747 M6

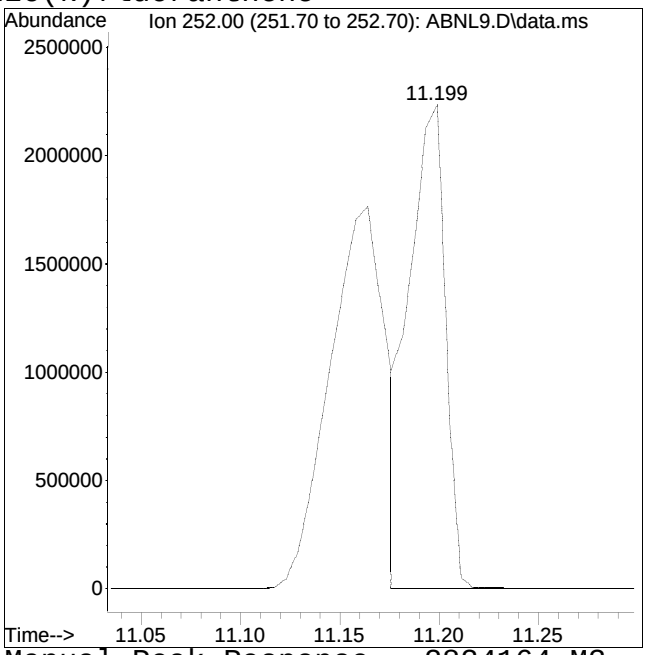
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL9.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:00 pm Instrument : Mork
Sample : IL2,32,,ABNL150 Lot# 12127 Quant Date : 12/10/2025 2:48 pm

Compound #111: Benzo(k)fluoranthene





Original Peak Response = 3434688 Manual Peak Response = 2824164 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL8.D
Acq On : 9 Dec 2025 6:20 pm
Operator : MORK:jg
Sample : IL3,32,,ABNL100 Lot# 12128
Misc : WG2152654,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 10 15:19:25 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.649	152	117954	40.000	ug/ml	# 0.00
Standard Area 1 = 117810			Recovery = 100.12%			
35) IS1_Naphthalene-d8	4.730	136	401023	40.000	ug/ml	# 0.00
Standard Area 1 = 407331			Recovery = 98.45%			
63) IS1_Acenaphthene-d10	6.240	164	258024	40.000	ug/ml	0.00
Standard Area 1 = 261152			Recovery = 98.80%			
88) IS1_Phenanthrene-d10	7.515	188	584120	40.000	ug/ml	# 0.00
Standard Area 1 = 581810			Recovery = 100.40%			
104) IS1_Chrysene-d12	9.954	240	717432	40.000	ug/ml	# 0.00
Standard Area 1 = 706656			Recovery = 101.52%			
113) IS1_Perylene-d12	11.575	264	870406	40.000	ug/ml	0.00
Standard Area 1 = 833118			Recovery = 104.48%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.580	112	302733	96.478	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 192.96%#			
7) Phenol-d6	3.396	99	375697	91.766	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 183.53%#			
19) Nitrobenzene-d5	4.125	82	332202	91.067	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 364.27%#			
46) 2-Fluorobiphenyl	5.682	172	977925	102.868	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 411.47%#			
79) 2,4,6-Tribromophenol	6.928	330	221609	119.816	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 239.63%#			
96) 4-Terphenyl-d14	8.931	244	1616204	98.910	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 395.64%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.469	74	189311	92.993	ug/ml	99
3) Pyridine	1.493	79	318196	103.184	ug/ml#	82
5) Aniline	3.379	93	487580	95.050	ug/ml#	63
6) 2-Chlorophenol	3.479	128	353578	95.733	ug/ml	98
8) Phenol	3.408	94	382159	81.190	ug/ml#	66
9) Bis(2-chloroethyl)ether	3.455	93	278580	89.347	ug/ml	98
10) 1,3-Dichlorobenzene	3.602	146	421991	94.480	ug/ml	99
11) 1,4-Dichlorobenzene	3.661	146	425840	92.474	ug/ml	99
12) 1,2-Dichlorobenzene	3.790	146	410575	92.561	ug/ml	99
13) Benzyl alcohol	3.790	79	287273	93.195	ug/ml	96
14) Bis(2-chloroisopropyl)...	3.913	45	355061	100.582	ug/ml#	89

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL8.D
Acq On : 9 Dec 2025 6:20 pm
Operator : MORK:jg
Sample : IL3,32,,ABNL100 Lot# 12128
Misc : WG2152654,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 10 15:19:25 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	3.908	108	289715	89.291	ug/ml	98
16) Hexachloroethane	4.072	117	156448	99.409	ug/ml#	59
17) n-Nitrosodi-n-propylamine	4.025	70	225232	86.276	ug/ml#	93
18) 3-Methylphenol/4-Methy...	4.049	108	312425	89.527	ug/ml	97
20) Nitrobenzene	4.143	77	325708	87.785	ug/ml	97
21) Isophorone	4.360	82	599348	85.627	ug/ml	98
22) 2-Nitrophenol	4.413	139	198493	108.851	ug/ml#	93
23) 2,4-Dimethylphenol	4.495	107	349602	100.348	ug/ml	95
24) Bis(2-chloroethoxy)met...	4.566	93	369951	87.188	ug/ml#	96
25) 2,4-Dichlorophenol	4.636	162	373849	101.113	ug/ml	97
26) 1,2,4-Trichlorobenzene	4.695	180	433931	99.408	ug/ml	99
36) Naphthalene	4.748	128	961063	90.055	ug/ml	99
37) Benzoic Acid	4.654	105	267490M3	113.761	ug/ml	
38) 4-Chloroaniline	4.818	65	113283	93.628	ug/ml	98
39) Hexachlorobutadiene	4.877	225	291194	102.117	ug/ml	99
40) p-Chloro-m-cresol	5.271	107	300359	97.775	ug/ml	99
41) 2-Methylnaphthalene	5.347	142	681744	93.273	ug/ml	93
42) 1-Methylnaphthalene	5.429	115	250954	100.957	ug/ml	91
43) Hexachlorocyclopentadiene	5.500	237	376077	130.106	ug/ml	98
44) 2,4,6-Trichlorophenol	5.611	196	315036	106.459	ug/ml	99
45) 2,4,5-Trichlorophenol	5.641	196	347795	112.751	ug/ml	99
47) 2-Chloronaphthalene	5.764	162	796566	100.944	ug/ml	98
48) 2-Nitroaniline	5.870	138	243947	111.915	ug/ml	97
49) 1,4-Dinitrobenzene	5.999	168	120791	126.097	ug/ml	88
50) 1,3-Dinitrobenzene	6.070	168	133653	120.515	ug/ml	92
51) Dimethyl phthalate	6.058	163	981085	104.154	ug/ml#	98
52) Acenaphthylene	6.117	152	1257109	103.604	ug/ml	99
53) 2,6-Dinitrotoluene	6.093	165	207215	109.752	ug/ml	97
54) 1,2-Dinitrobenzene	6.134	168	77585M3	110.640	ug/ml	
64) 3-Nitroaniline	6.234	138	211417	104.556	ug/ml#	99
65) Acenaphthene	6.270	154	699493	97.494	ug/ml	93
66) 2,4-Dinitrophenol	6.328	184	150083	138.426	ug/ml#	88
67) Dibenzofuran	6.422	168	1163982	98.409	ug/ml#	77
68) 2,4-Dinitrotoluene	6.440	165	294993	112.576	ug/ml#	78
69) 4-Nitrophenol	6.422	65	152457	108.952	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	6.505	232	323635	108.794	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	6.546	232	306044	106.021	ug/ml	98
72) Diethyl phthalate	6.669	149	947045	100.046	ug/ml	99
73) Fluorene	6.716	166	955893	101.158	ug/ml	92
74) 4-Chlorophenyl phenyl ...	6.734	204	496136	101.213	ug/ml	97

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL8.D
Acq On : 9 Dec 2025 6:20 pm
Operator : MORK:jg
Sample : IL3,32,,ABNL100 Lot# 12128
Misc : WG2152654,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 10 15:19:25 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	6.763	138	202384	97.292	ug/ml#	84
76)	4,6-Dinitro-o-cresol	6.798	198	198860	139.582	ug/ml#	85
77)	NDPA/DPA	6.845	169	801675	100.745	ug/ml	92
78)	Azobenzene	6.869	77	703719M6	89.077	ug/ml	
80)	4-Bromophenyl phenyl e...	7.151	248	361623	103.684	ug/ml	97
81)	Hexachlorobenzene	7.192	284	435597	105.979	ug/ml	92
82)	Pentachlorophenol	7.374	266	281477	109.386	ug/ml	100
89)	Phenanthrene	7.533	178	1503727	93.129	ug/ml	97
90)	Anthracene	7.580	178	1521022	93.989	ug/ml	97
91)	Carbazole	7.733	167	1432862	96.565	ug/ml	97
92)	Di-n-butylphthalate	8.091	149	1659690	97.529	ug/ml	99
93)	Fluoranthene	8.561	202	1971142	97.776	ug/ml#	91
94)	Benzidine	8.708	184	1379449	118.714	ug/ml#	94
95)	Pyrene	8.749	202	2019016	95.966	ug/ml	97
97)	Butyl benzyl phthalate	9.431	149	861883	123.560	ug/ml	92
105)	Benzo(a)anthracene	9.942	228	2250934	93.383	ug/ml	97
106)	3,3'-Dichlorobenzidine	9.954	252	971422	109.504	ug/ml#	96
107)	Chrysene	9.983	228	1991655	88.875	ug/ml	97
108)	Bis(2-ethylhexyl)phtha...	10.095	149	1211644	106.271	ug/ml#	93
109)	Di-n-octylphthalate	10.852	149	2251321	116.267	ug/ml#	94
110)	Benzo(b)fluoranthene	11.158	252	2574611	103.881	ug/ml#	92
111)	Benzo(k)fluoranthene	11.193	252	2252842	96.363	ug/ml#	92
112)	Benzo(a)pyrene	11.516	252	2424550	108.033	ug/ml#	92
114)	Indeno(1,2,3-cd)pyrene	12.750	276	2808248M4	105.535	ug/mL	
115)	Dibenzo(a,h)anthracene	12.786	278	2562252	101.647	ug/ml#	89
116)	Benzo(ghi)perylene	13.021	276	2572658	105.303	ug/ml#	85

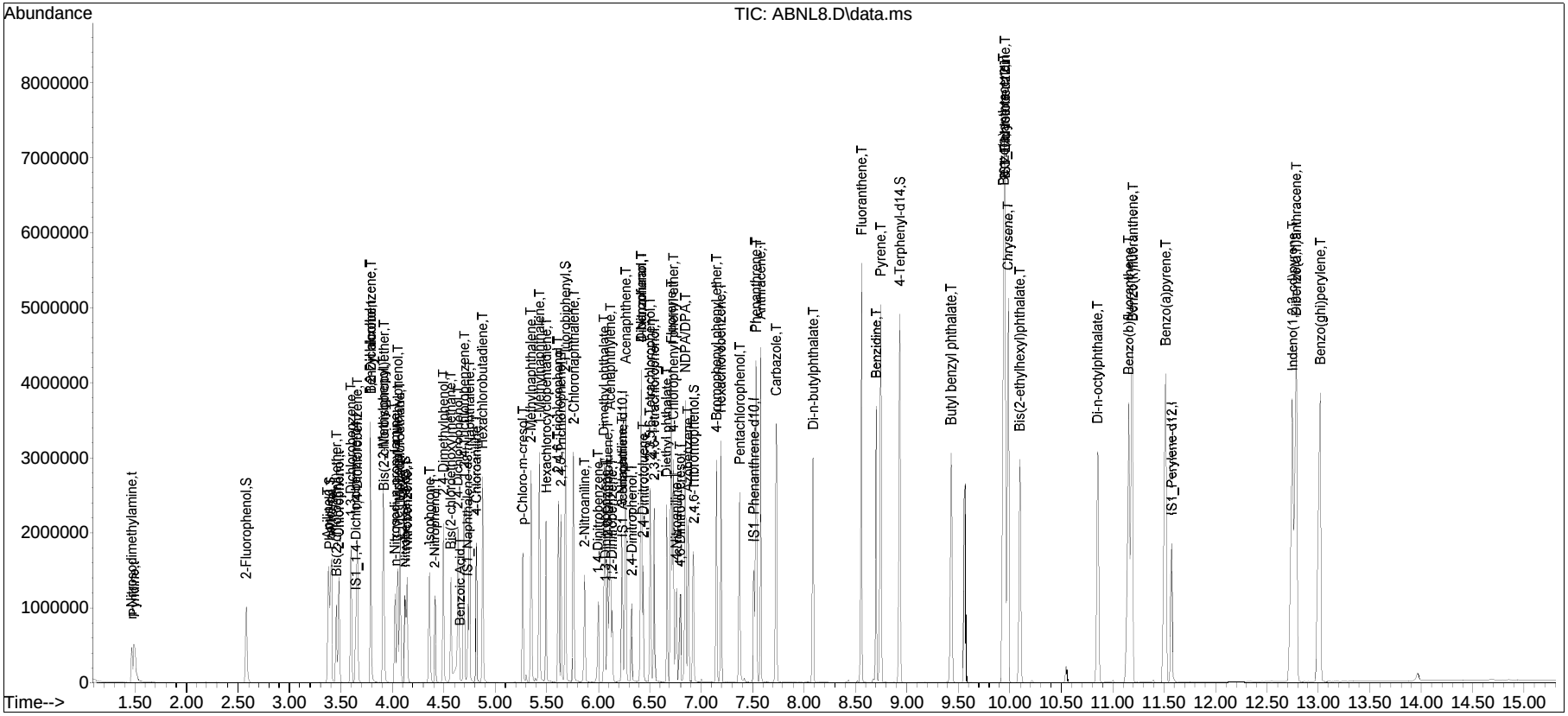
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL8.D
Acq On : 9 Dec 2025 6:20 pm
Operator : MORK:jg
Sample : IL3,32,,ABNL100 Lot# 12128
Misc : WG2152654,,
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 10 15:19:25 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

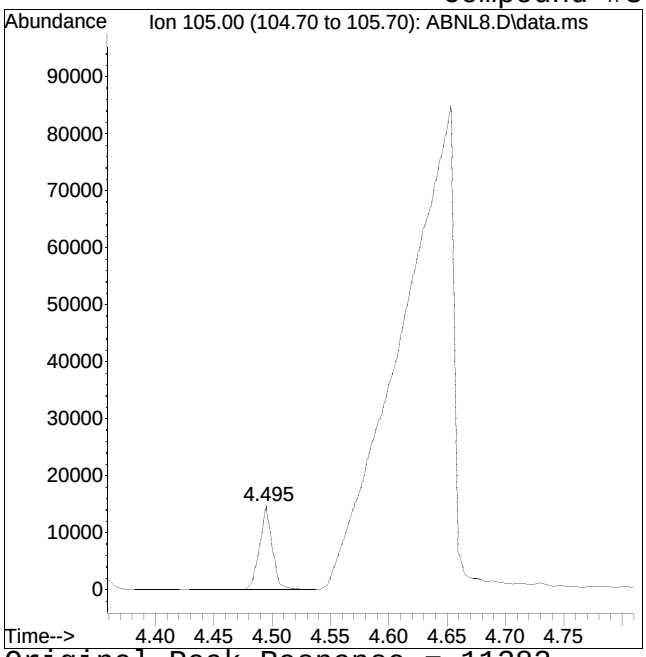
Sub List : ABNical - ABN ical sublistl\ABNL7.D•

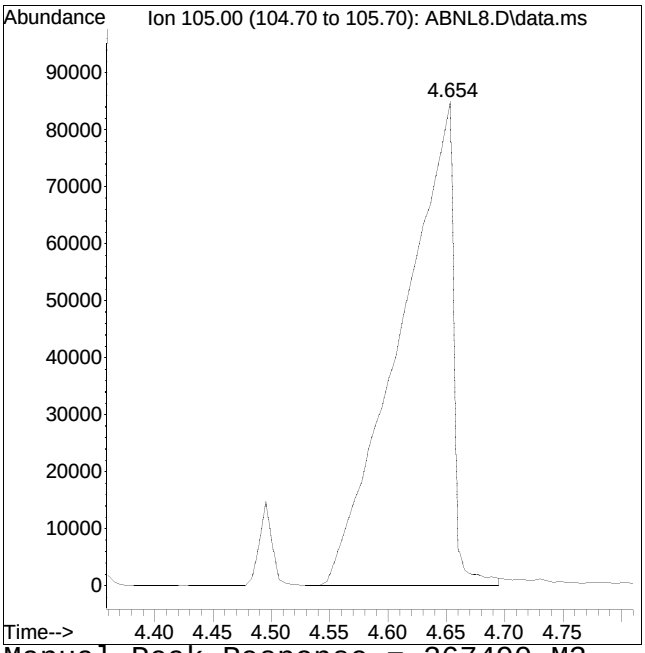


Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL8.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:20 pm Instrument : Mork
Sample : IL3,32,,ABNL100 Lot# 12128Quant Date : 12/10/2025 2:47 pm

Compound #37: Benzoic Acid





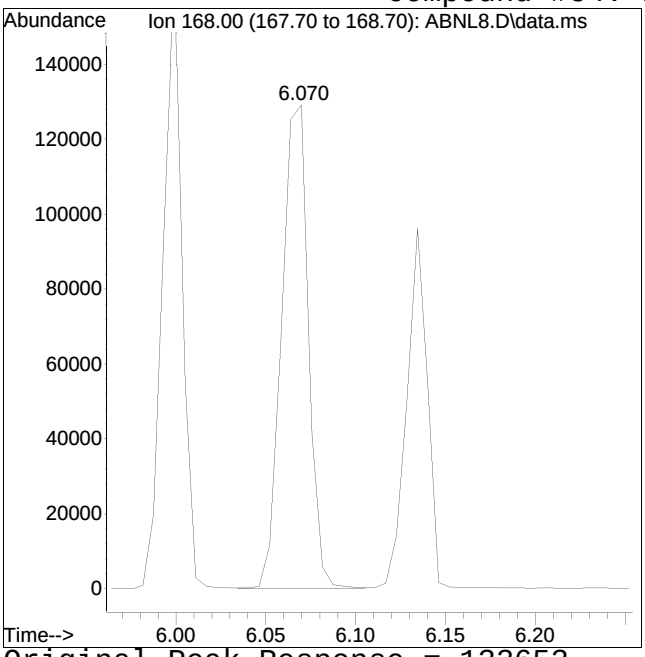
Original Peak Response = 11282 Manual Peak Response = 267490 M3

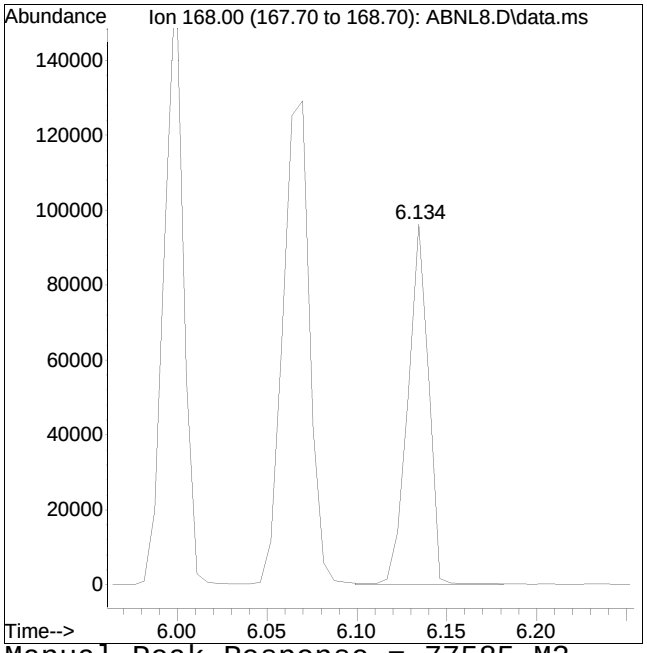
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL8.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:20 pm Instrument : Mork
Sample : IL3,32,,ABNL100 Lot# 12128 Quant Date : 12/10/2025 2:47 pm

Compound #54: 1,2-Dinitrobenzene





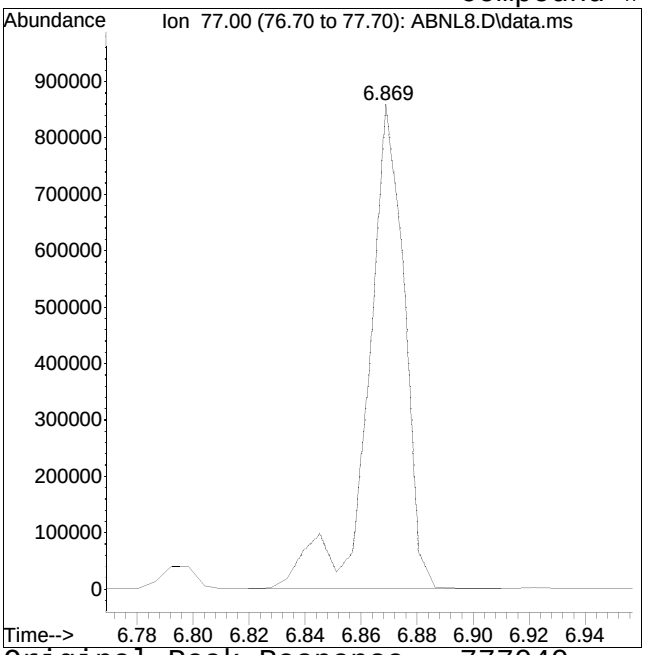
Original Peak Response = 133653 Manual Peak Response = 77585 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

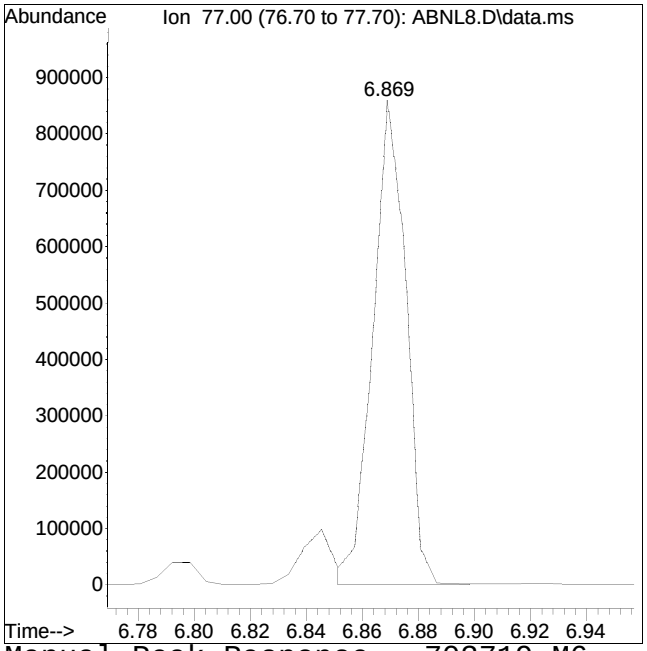
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL8.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:20 pm Instrument : Mork
Sample : IL3,32,,ABNL100 Lot# 12128 Quant Date : 12/10/2025 2:47 pm

Compound #78: Azobenzene



Original Peak Response = 777040



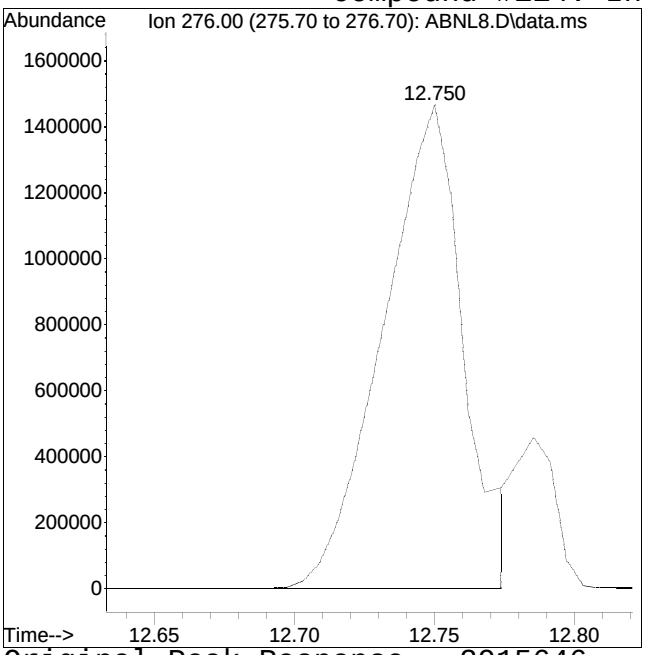
Manual Peak Response = 703719 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

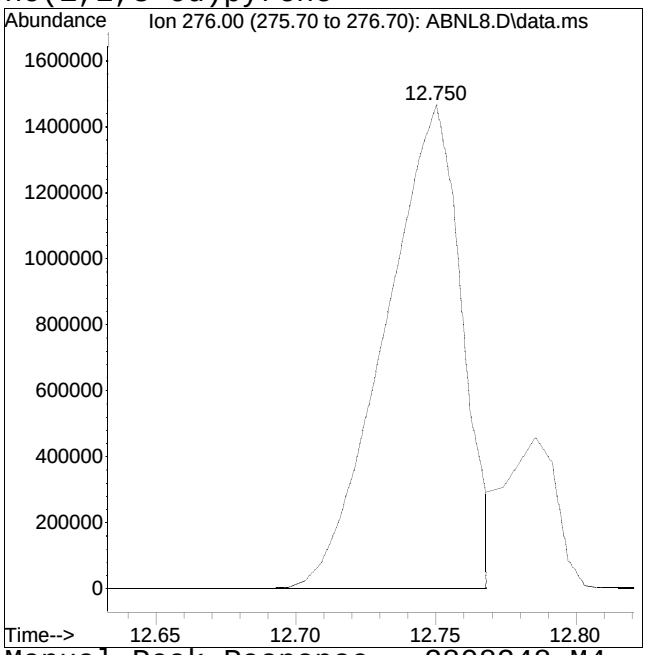
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL8.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:20 pm Instrument : Mork
Sample : IL3,32,,ABNL100 Lot# 12128 Quant Date : 12/10/2025 2:47 pm

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 2915646



Manual Peak Response = 2808248 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL7.D
Acq On : 9 Dec 2025 6:40 pm
Operator : MORK:jg
Sample : IL4,32,,ABNL50 Lot# 12129
Misc : WG2152654,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 10 14:20:10 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:15:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.649	152	117810	40.000	ug/ml	0.00
Standard Area 1 = 117810			Recovery = 100.00%			
35) IS1_Naphthalene-d8	4.730	136	407331	40.000	ug/ml	# 0.00
Standard Area 1 = 407331			Recovery = 100.00%			
63) IS1_Acenaphthene-d10	6.240	164	261152	40.000	ug/ml	0.00
Standard Area 1 = 261152			Recovery = 100.00%			
88) IS1_Phenanthrene-d10	7.509	188	581810	40.000	ug/ml	# 0.00
Standard Area 1 = 581810			Recovery = 100.00%			
104) IS1_Chrysene-d12	9.948	240	706656	40.000	ug/ml	# 0.00
Standard Area 1 = 706656			Recovery = 100.00%			
113) IS1_Perylene-d12	11.569	264	833118	40.000	ug/ml	0.00
Standard Area 1 = 833118			Recovery = 100.00%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.580	112	142610	45.504	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 91.01%			
7) Phenol-d6	3.391	99	182375	44.601	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 89.20%			
19) Nitrobenzene-d5	4.119	82	161101	44.217	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 176.87%#			
46) 2-Fluorobiphenyl	5.682	172	486167	50.348	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 201.39%#			
79) 2,4,6-Tribromophenol	6.922	330	104776	55.970	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 111.94%#			
96) 4-Terphenyl-d14	8.925	244	803733	49.383	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 197.53%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.463	74	88566	43.559	ug/ml	99
3) Pyridine	1.493	79	155192	50.387	ug/ml#	82
5) Aniline	3.379	93	239247	46.697	ug/ml#	65
6) 2-Chlorophenol	3.473	128	173453	47.021	ug/ml	98
8) Phenol	3.402	94	188509M6	40.098	ug/ml	
9) Bis(2-chloroethyl)ether	3.449	93	131297M6	42.161	ug/ml	
10) 1,3-Dichlorobenzene	3.596	146	210546	47.197	ug/ml	98
11) 1,4-Dichlorobenzene	3.661	146	211693	46.027	ug/ml	99
12) 1,2-Dichlorobenzene	3.790	146	200215	45.192	ug/ml	98
13) Benzyl alcohol	3.790	79	136600	44.369	ug/ml	97
14) Bis(2-chloroisopropyl)...	3.908	45	174767	49.569	ug/ml#	90

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL7.D
Acq On : 9 Dec 2025 6:40 pm
Operator : MORK:jg
Sample : IL4,32,,ABNL50 Lot# 12129
Misc : WG2152654,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 10 14:20:10 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:15:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	3.908	108	146051	45.068	ug/ml	98
16) Hexachloroethane	4.072	117	77992	49.618	ug/ml#	61
17) n-Nitrosodi-n-propylamine	4.019	70	111001	42.572	ug/ml	93
18) 3-Methylphenol/4-Methy...	4.049	108	153155	43.941	ug/ml	97
20) Nitrobenzene	4.137	77	161225	43.507	ug/ml	97
21) Isophorone	4.354	82	293256	41.948	ug/ml	98
22) 2-Nitrophenol	4.413	139	94281	51.766	ug/ml#	93
23) 2,4-Dimethylphenol	4.489	107	170732	49.066	ug/ml	96
24) Bis(2-chloroethoxy)met...	4.560	93	182133	42.976	ug/ml#	97
25) 2,4-Dichlorophenol	4.630	162	186752	50.572	ug/ml	97
26) 1,2,4-Trichlorobenzene	4.689	180	216582	49.677	ug/ml	99
36) Naphthalene	4.748	128	492897	45.471	ug/ml	100
37) Benzoic Acid	4.619	105	127255M3	53.282	ug/ml	
38) 4-Chloroaniline	4.812	65	56109	45.656	ug/ml	96
39) Hexachlorobutadiene	4.877	225	142105	49.062	ug/ml	99
40) p-Chloro-m-cresol	5.265	107	147367	47.229	ug/ml	100
41) 2-Methylnaphthalene	5.347	142	342447	46.127	ug/ml	94
42) 1-Methylnaphthalene	5.429	115	123040	48.731	ug/ml	94
43) Hexachlorocyclopentadiene	5.494	237	177090	60.316	ug/ml	98
44) 2,4,6-Trichlorophenol	5.606	196	157323	52.340	ug/ml	99
45) 2,4,5-Trichlorophenol	5.635	196	173901	55.504	ug/ml	99
47) 2-Chloronaphthalene	5.758	162	403688	50.365	ug/ml	98
48) 2-Nitroaniline	5.864	138	118214	53.393	ug/ml	97
49) 1,4-Dinitrobenzene	5.993	168	56831	58.408	ug/ml	89
50) 1,3-Dinitrobenzene	6.058	168	63374	56.259	ug/ml	92
51) Dimethyl phthalate	6.052	163	479938	50.162	ug/ml#	98
52) Acenaphthylene	6.111	152	635981	51.602	ug/ml	99
53) 2,6-Dinitrotoluene	6.087	165	101089	52.713	ug/ml	93
54) 1,2-Dinitrobenzene	6.129	168	37918	53.236	ug/ml	98
64) 3-Nitroaniline	6.223	138	101931M3	49.806	ug/ml	
65) Acenaphthene	6.264	154	347491	47.852	ug/ml	93
66) 2,4-Dinitrophenol	6.322	184	67267	61.299	ug/ml#	90
67) Dibenzofuran	6.416	168	588157	49.130	ug/ml#	79
68) 2,4-Dinitrotoluene	6.434	165	143917	54.264	ug/ml#	78
69) 4-Nitrophenol	6.411	65	72098	50.907	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	6.505	232	154352	51.266	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	6.540	232	150998	51.683	ug/ml	98
72) Diethyl phthalate	6.663	149	476112	49.694	ug/ml	100
73) Fluorene	6.710	166	482201	50.418	ug/ml	93
74) 4-Chlorophenyl phenyl ...	6.734	204	248276	50.042	ug/ml	96

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL7.D
Acq On : 9 Dec 2025 6:40 pm
Operator : MORK:jg
Sample : IL4,32,,ABNL50 Lot# 12129
Misc : WG2152654,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 10 14:20:10 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:15:05 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	6.751	138	99455	47.238	ug/ml#	84
76)	4,6-Dinitro-o-cresol	6.787	198	94194	65.324	ug/ml#	84
77)	NDPA/DPA	6.840	169	399324	49.581	ug/ml	91
78)	Azobenzene	6.863	77	352508	44.086	ug/ml#	94
80)	4-Bromophenyl phenyl e...	7.145	248	175589	49.741	ug/ml	97
81)	Hexachlorobenzene	7.192	284	213853	51.406	ug/ml	92
82)	Pentachlorophenol	7.368	266	130504	50.108	ug/ml	100
89)	Phenanthrene	7.533	178	763874	47.496	ug/ml	98
90)	Anthracene	7.574	178	775105	48.087	ug/ml	98
91)	Carbazole	7.733	167	711870	48.165	ug/ml	98
92)	Di-n-butylphthalate	8.085	149	844589	49.828	ug/ml	99
93)	Fluoranthene	8.555	202	989108	49.258	ug/ml#	92
94)	Benzidine	8.702	184	689089	59.538	ug/ml#	94
95)	Pyrene	8.743	202	1020851	48.715	ug/ml	99
97)	Butyl benzyl phthalate	9.431	149	417785	60.132	ug/ml	90
105)	Benzo(a)anthracene	9.936	228	1120466M3	47.193	ug/ml	
106)	3,3'-Dichlorobenzidine	9.942	252	488415	55.896	ug/ml#	96
107)	Chrysene	9.971	228	1020994	46.255	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	10.095	149	607096	54.059	ug/ml#	91
109)	Di-n-octylphthalate	10.853	149	1095578	57.443	ug/ml#	93
110)	Benzo(b)fluoranthene	11.146	252	1214948M3	49.768	ug/ml	
111)	Benzo(k)fluoranthene	11.176	252	1155894	50.196	ug/ml#	94
112)	Benzo(a)pyrene	11.505	252	1156887	52.335	ug/ml#	92
114)	Indeno(1,2,3-cd)pyrene	12.733	276	1267278M3	49.756	ug/mL	
115)	Dibenzo(a,h)anthracene	12.768	278	1246106	51.647	ug/ml#	90
116)	Benzo(ghi)perylene	13.003	276	1209734	51.733	ug/ml#	86

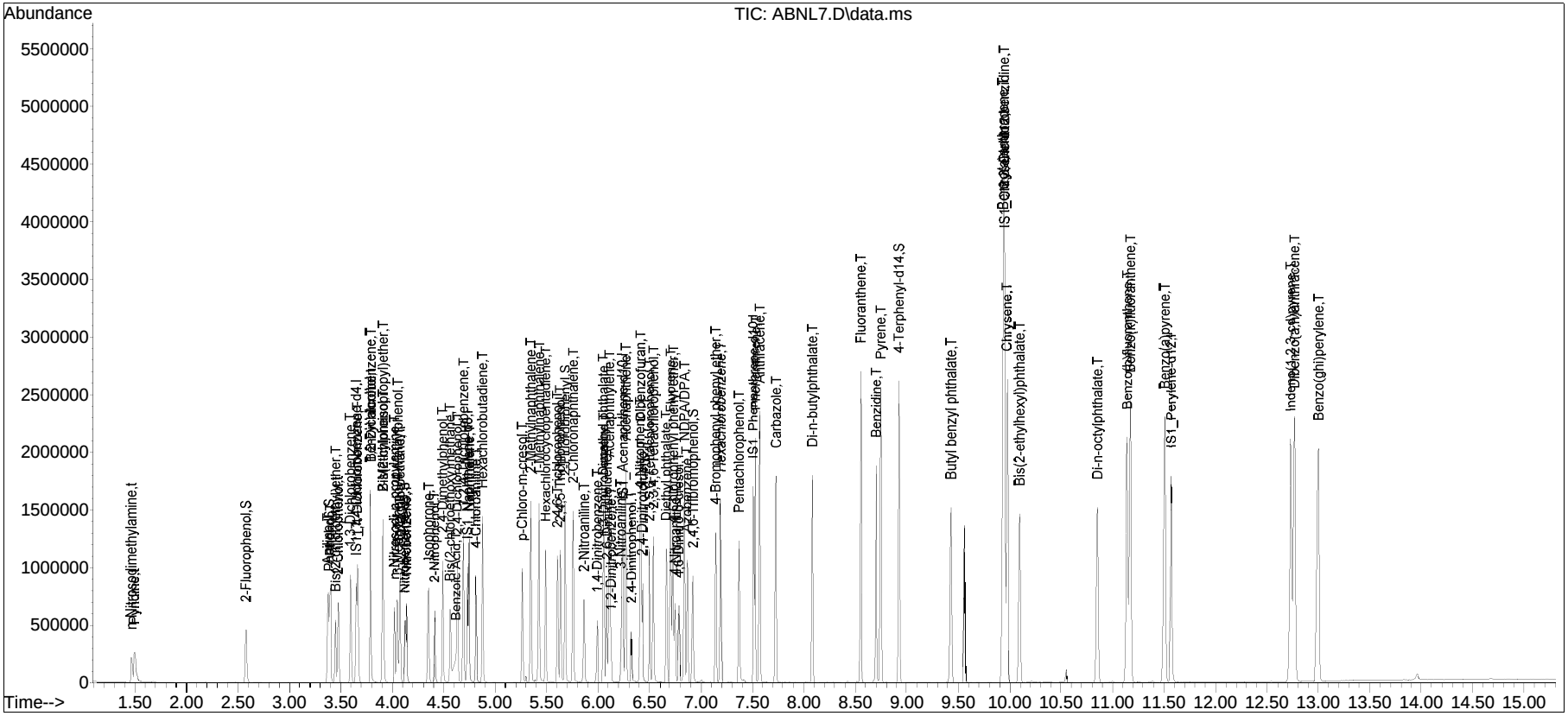
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL7.D
Acq On : 9 Dec 2025 6:40 pm
Operator : MORK:jg
Sample : IL4,32,,ABNL50 Lot# 12129
Misc : WG2152654,,
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 10 14:20:10 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:15:05 2025
Response via : Initial Calibration

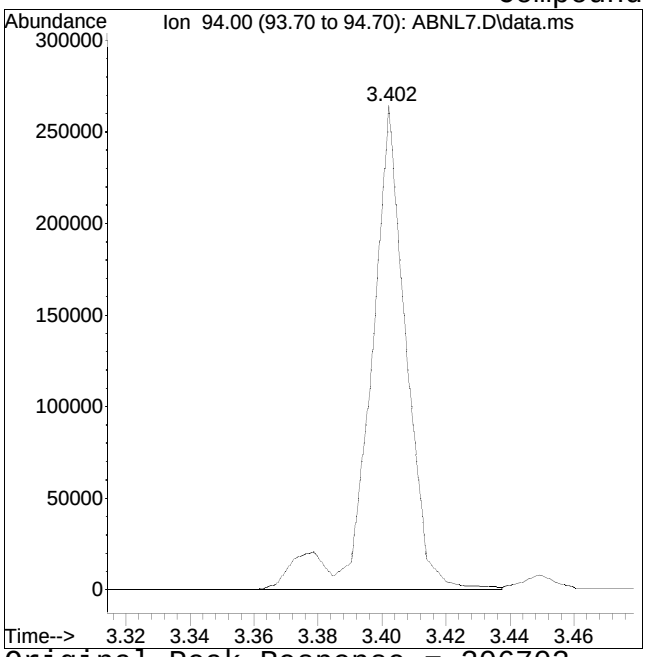
Sub List : ABNical - ABN ical sublistl\ABNL7.D•



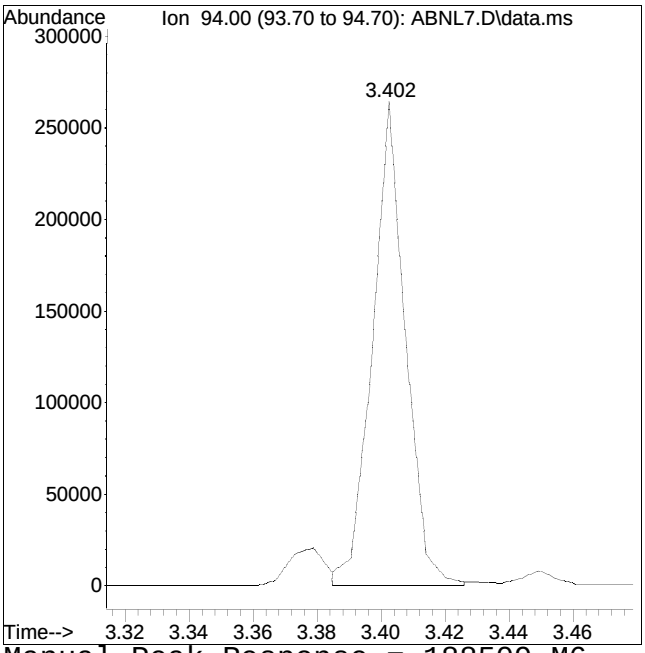
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL7.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:40 pm Instrument : Mork
Sample : IL4,32,,ABNL50 Lot# 12129 Quant Date : 12/10/2025 2:20 pm

Compound #8: Phenol



Original Peak Response = 206703



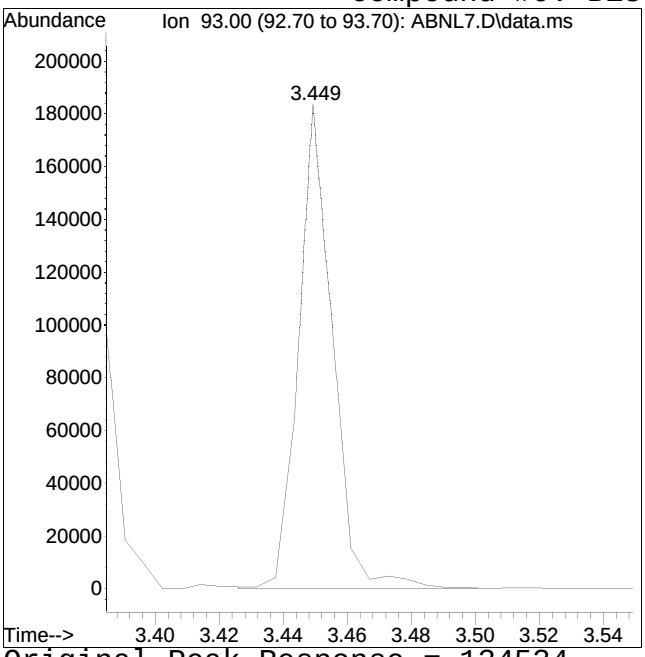
Manual Peak Response = 188509 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

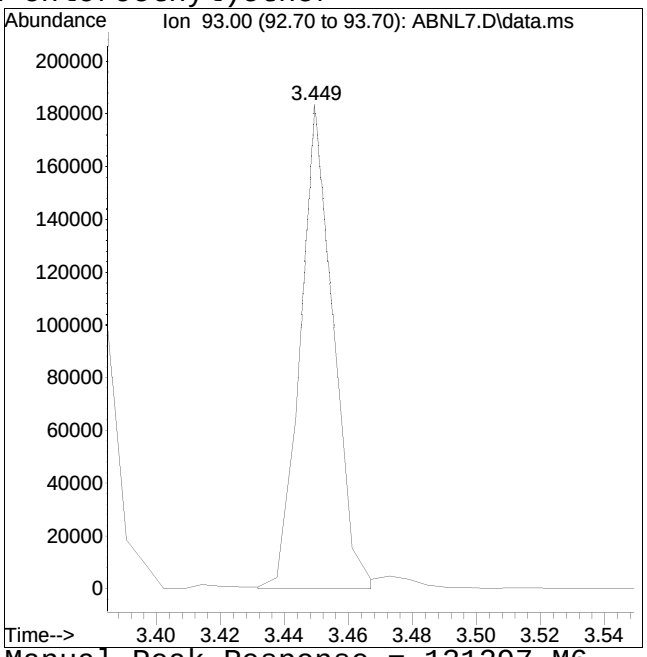
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL7.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:40 pm Instrument : Mork
Sample : IL4,32,,ABNL50 Lot# 12129 Quant Date : 12/10/2025 2:20 pm

Compound #9: Bis(2-chloroethyl)ether



Original Peak Response = 134534



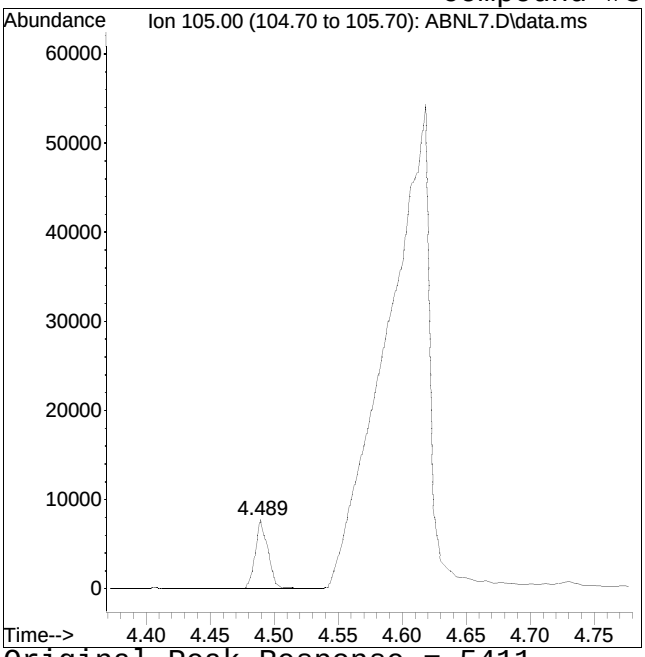
Manual Peak Response = 131297 M6

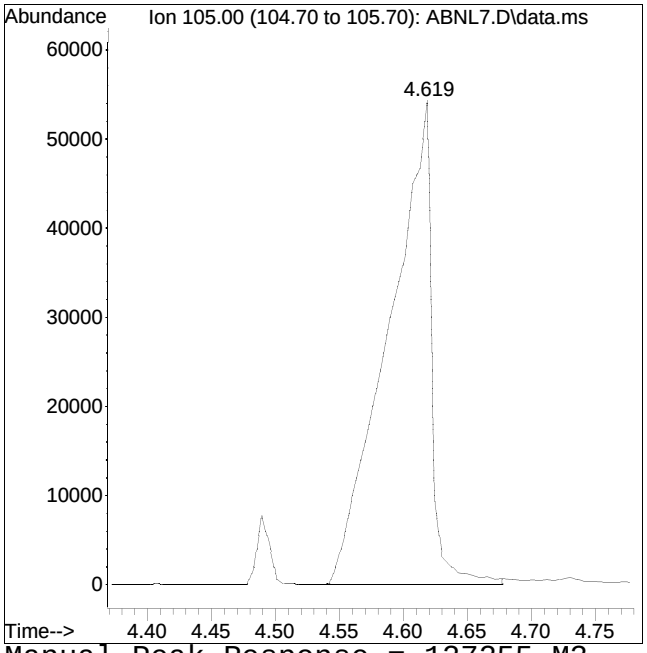
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL7.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:40 pm Instrument : Mork
Sample : IL4,32,,ABNL50 Lot# 12129 Quant Date : 12/10/2025 2:20 pm

Compound #37: Benzoic Acid





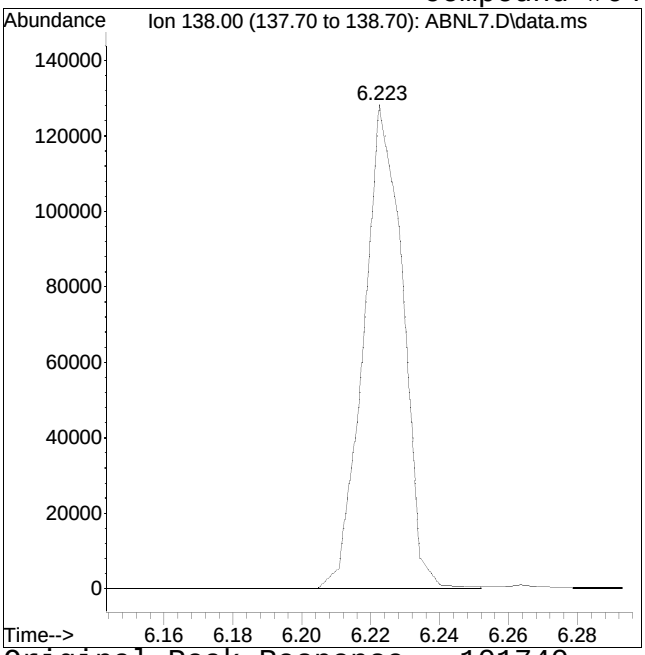
Original Peak Response = 5411 Manual Peak Response = 127255 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

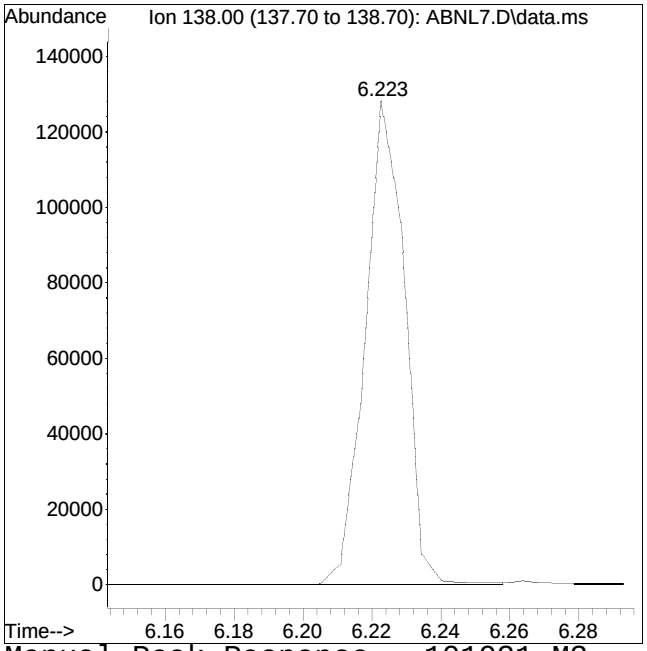
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL7.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:40 pm Instrument : Mork
Sample : IL4,32,,ABNL50 Lot# 12129 Quant Date : 12/10/2025 2:20 pm

Compound #64: 3-Nitroaniline



Original Peak Response = 101740



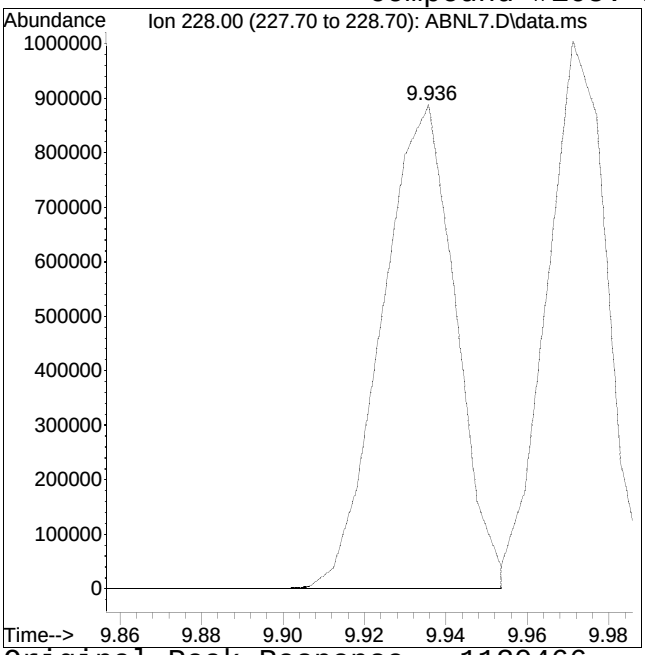
Manual Peak Response = 101931 M3

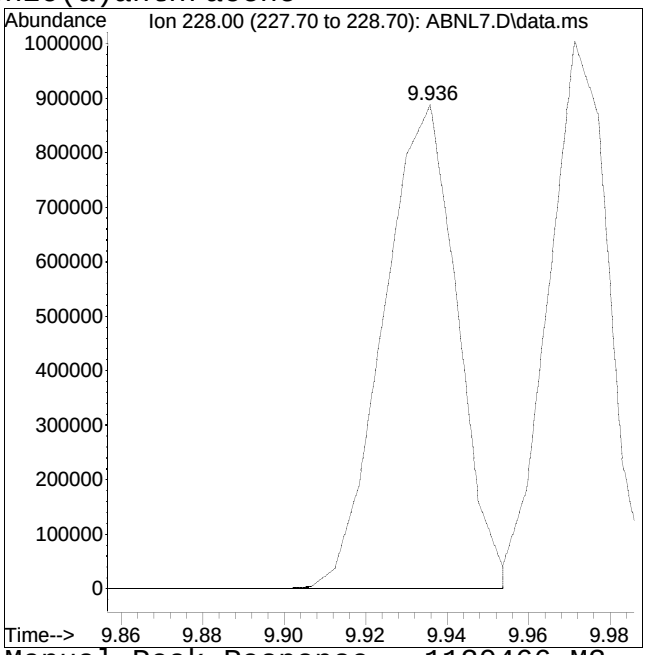
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL7.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:40 pm Instrument : Mork
Sample : IL4,32,,ABNL50 Lot# 12129 Quant Date : 12/10/2025 2:20 pm

Compound #105: Benzo(a)anthracene



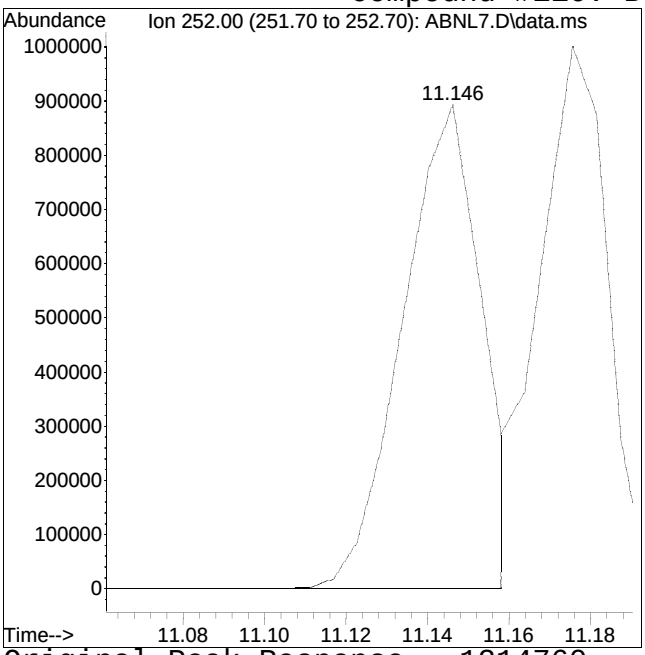


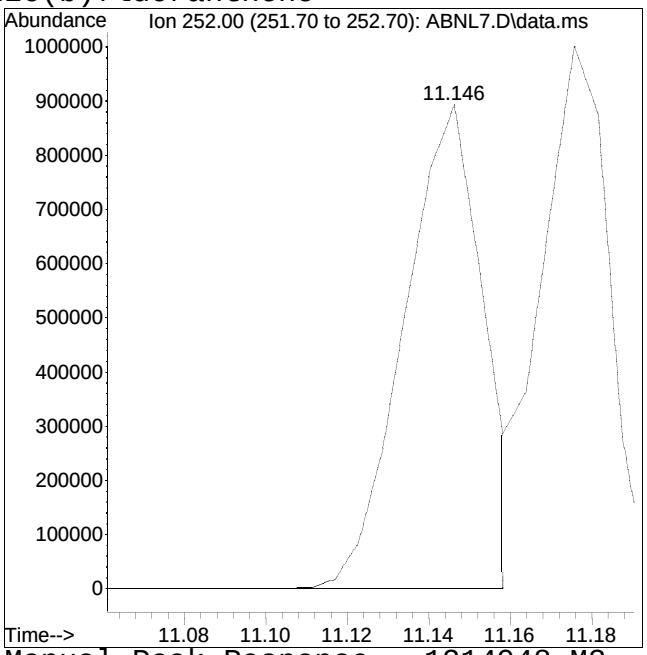
Original Peak Response = 1120466 Manual Peak Response = 1120466 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL7.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:40 pm Instrument : Mork
Sample : IL4,32,,ABNL50 Lot# 12129 Quant Date : 12/10/2025 2:20 pm

Compound #110: Benzo(b)fluoranthene



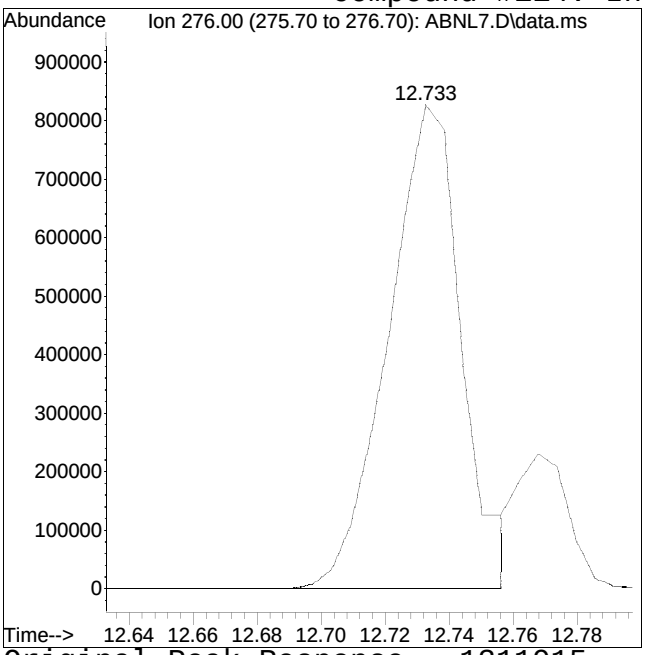


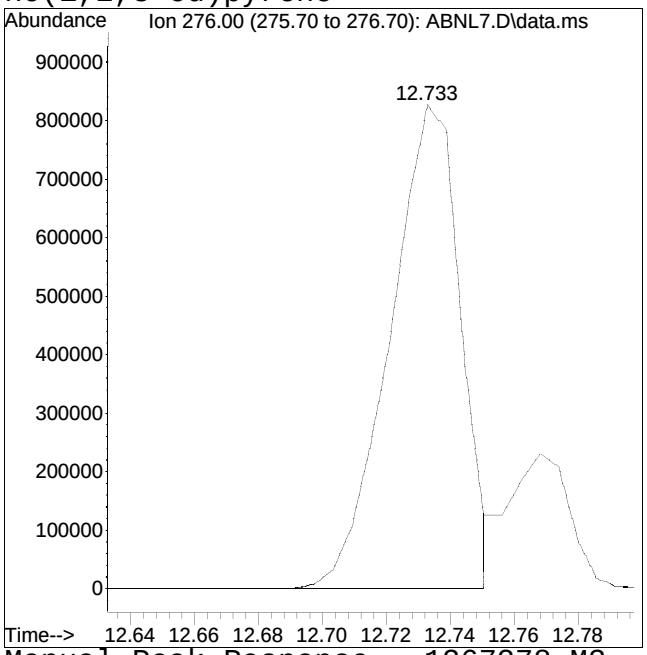
Original Peak Response = 1214760 Manual Peak Response = 1214948 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL7.D Operator : MORK:jg
Date Inj'd : 12/9/2025 6:40 pm Instrument : Mork
Sample : IL4,32,,ABNL50 Lot# 12129 Quant Date : 12/10/2025 2:20 pm

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 1311915 Manual Peak Response = 1267278 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL6.D
Acq On : 9 Dec 2025 7:00 pm
Operator : MORK:jg
Sample : IL5,32,,ABNL25 Lot# 12130
Misc : WG2152654,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 10 15:17:18 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.649	152	119783	40.000	ug/ml	0.00
Standard Area 1 = 117810			Recovery = 101.67%			
35) IS1_Naphthalene-d8	4.730	136	405437	40.000	ug/ml	# 0.00
Standard Area 1 = 407331			Recovery = 99.54%			
63) IS1_Acenaphthene-d10	6.234	164	255804	40.000	ug/ml	0.00
Standard Area 1 = 261152			Recovery = 97.95%			
88) IS1_Phenanthrene-d10	7.509	188	564687	40.000	ug/ml	# 0.00
Standard Area 1 = 581810			Recovery = 97.06%			
104) IS1_Chrysene-d12	9.942	240	699483	40.000	ug/ml	# 0.00
Standard Area 1 = 706656			Recovery = 98.98%			
113) IS1_Perylene-d12	11.569	264	854067	40.000	ug/ml	0.00
Standard Area 1 = 833118			Recovery = 102.51%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.574	112	72891	22.875	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 45.75%			
7) Phenol-d6	3.391	99	89074	21.425	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 42.85%			
19) Nitrobenzene-d5	4.119	82	79907	21.571	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.28%			
46) 2-Fluorobiphenyl	5.676	172	240907	25.065	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.26%			
79) 2,4,6-Tribromophenol	6.922	330	50503	27.542	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 55.08%			
96) 4-Terphenyl-d14	8.925	244	396073	25.073	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.29%			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.469	74	44127	21.345	ug/ml	98
3) Pyridine	1.493	79	79921	25.521	ug/ml#	80
5) Aniline	3.379	93	113405	21.770	ug/ml#	67
6) 2-Chlorophenol	3.473	128	84448	22.516	ug/ml	97
8) Phenol	3.402	94	91983M6	19.243	ug/ml	
9) Bis(2-chloroethyl)ether	3.449	93	66351	20.955	ug/ml	97
10) 1,3-Dichlorobenzene	3.596	146	106971	23.584	ug/ml	98
11) 1,4-Dichlorobenzene	3.661	146	106224	22.715	ug/ml	98
12) 1,2-Dichlorobenzene	3.790	146	103259	22.923	ug/ml	98
13) Benzyl alcohol	3.784	79	65491	20.922	ug/ml	99
14) Bis(2-chloroisopropyl)...	3.908	45	84922	23.690	ug/ml#	89

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL6.D
Acq On : 9 Dec 2025 7:00 pm
Operator : MORK:jg
Sample : IL5,32,,ABNL25 Lot# 12130
Misc : WG2152654,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 10 15:17:18 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	3.908	108	70136	21.286	ug/ml	97
16) Hexachloroethane	4.072	117	38890	24.334	ug/ml#	62
17) n-Nitrosodi-n-propylamine	4.019	70	53572	20.208	ug/ml#	92
18) 3-Methylphenol/4-Methy...	4.043	108	75689	21.358	ug/ml	98
20) Nitrobenzene	4.137	77	78754	20.902	ug/ml	97
21) Isophorone	4.348	82	145200	20.427	ug/ml	97
22) 2-Nitrophenol	4.413	139	46400	25.057	ug/ml#	93
23) 2,4-Dimethylphenol	4.489	107	82025	23.185	ug/ml	97
24) Bis(2-chloroethoxy)met...	4.560	93	87661	20.344	ug/ml#	97
25) 2,4-Dichlorophenol	4.630	162	88658	23.613	ug/ml	97
26) 1,2,4-Trichlorobenzene	4.689	180	105483	23.796	ug/ml	98
36) Naphthalene	4.742	128	249680	23.141	ug/ml	99
37) Benzoic Acid	4.589	105	60087M3	25.276	ug/ml	
38) 4-Chloroaniline	4.812	65	27238	22.267	ug/ml	92
39) Hexachlorobutadiene	4.877	225	70861	24.579	ug/ml	99
40) p-Chloro-m-cresol	5.265	107	72062	23.203	ug/ml	98
41) 2-Methylnaphthalene	5.347	142	163638	22.145	ug/ml	93
42) 1-Methylnaphthalene	5.429	115	59557	23.698	ug/ml	94
43) Hexachlorocyclopentadiene	5.494	237	80371	27.502	ug/ml	99
44) 2,4,6-Trichlorophenol	5.606	196	74152	24.785	ug/ml	99
45) 2,4,5-Trichlorophenol	5.635	196	82999	26.614	ug/ml	99
47) 2-Chloronaphthalene	5.758	162	200200	25.094	ug/ml	98
48) 2-Nitroaniline	5.864	138	56613	25.689	ug/ml	96
49) 1,4-Dinitrobenzene	5.993	168	26711	27.581	ug/ml	89
50) 1,3-Dinitrobenzene	6.058	168	30904	27.563	ug/ml	88
51) Dimethyl phthalate	6.046	163	243747	25.595	ug/ml#	97
52) Acenaphthylene	6.111	152	316464	25.797	ug/ml	99
53) 2,6-Dinitrotoluene	6.087	165	50221	26.310	ug/ml	92
54) 1,2-Dinitrobenzene	6.123	168	18284	25.790	ug/ml	94
64) 3-Nitroaniline	6.223	138	50867	25.375	ug/ml	100
65) Acenaphthene	6.264	154	173532	24.396	ug/ml	94
66) 2,4-Dinitrophenol	6.317	184	30093	27.997	ug/ml#	89
67) Dibenzofuran	6.417	168	297880	25.403	ug/ml#	81
68) 2,4-Dinitrotoluene	6.434	165	70800	27.253	ug/ml#	76
69) 4-Nitrophenol	6.411	65	34253	24.691	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	6.505	232	72653	24.635	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	6.540	232	73121	25.551	ug/ml	98
72) Diethyl phthalate	6.663	149	233317	24.861	ug/ml	99
73) Fluorene	6.710	166	236150	25.208	ug/ml	91
74) 4-Chlorophenyl phenyl ...	6.728	204	122905	25.291	ug/ml	96

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL6.D
Acq On : 9 Dec 2025 7:00 pm
Operator : MORK:jg
Sample : IL5,32,,ABNL25 Lot# 12130
Misc : WG2152654,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 10 15:17:18 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	6.746	138	49527	24.016	ug/ml#	85
76)	4,6-Dinitro-o-cresol	6.781	198	43559	30.840	ug/ml#	85
77)	NDPA/DPA	6.834	169	200775	25.450	ug/ml	93
78)	Azobenzene	6.863	77	175326	22.385	ug/ml#	94
80)	4-Bromophenyl phenyl e...	7.145	248	84050	24.308	ug/ml	99
81)	Hexachlorobenzene	7.186	284	103250	25.338	ug/ml	92
82)	Pentachlorophenol	7.368	266	61658	24.169	ug/ml	98
89)	Phenanthrene	7.527	178	382580	24.509	ug/ml	99
90)	Anthracene	7.574	178	386865	24.728	ug/ml	99
91)	Carbazole	7.727	167	355703	24.797	ug/ml	98
92)	Di-n-butylphthalate	8.085	149	411917	25.039	ug/ml	99
93)	Fluoranthene	8.555	202	482587	24.762	ug/ml#	91
94)	Benzidine	8.696	184	336149	29.924	ug/ml#	94
95)	Pyrene	8.743	202	518917	25.514	ug/ml	99
97)	Butyl benzyl phthalate	9.431	149	200830	29.782	ug/ml	90
105)	Benzo(a)anthracene	9.930	228	574130	24.430	ug/ml	99
106)	3,3'-Dichlorobenzidine	9.942	252	242456	28.032	ug/ml#	96
107)	Chrysene	9.971	228	509969	23.341	ug/ml	99
108)	Bis(2-ethylhexyl)phtha...	10.089	149	298685	26.869	ug/ml#	91
109)	Di-n-octylphthalate	10.847	149	535728	28.377	ug/ml#	93
110)	Benzo(b)fluoranthene	11.140	252	597672	24.734	ug/ml#	92
111)	Benzo(k)fluoranthene	11.170	252	613288	26.906	ug/ml#	93
112)	Benzo(a)pyrene	11.499	252	586819	26.819	ug/ml#	92
114)	Indeno(1,2,3-cd)pyrene	12.727	276	630335M6	24.141	ug/mL	
115)	Dibenzo(a,h)anthracene	12.762	278	635707	25.702	ug/ml#	89
116)	Benzo(ghi)perylene	12.991	276	628296	26.209	ug/ml#	86

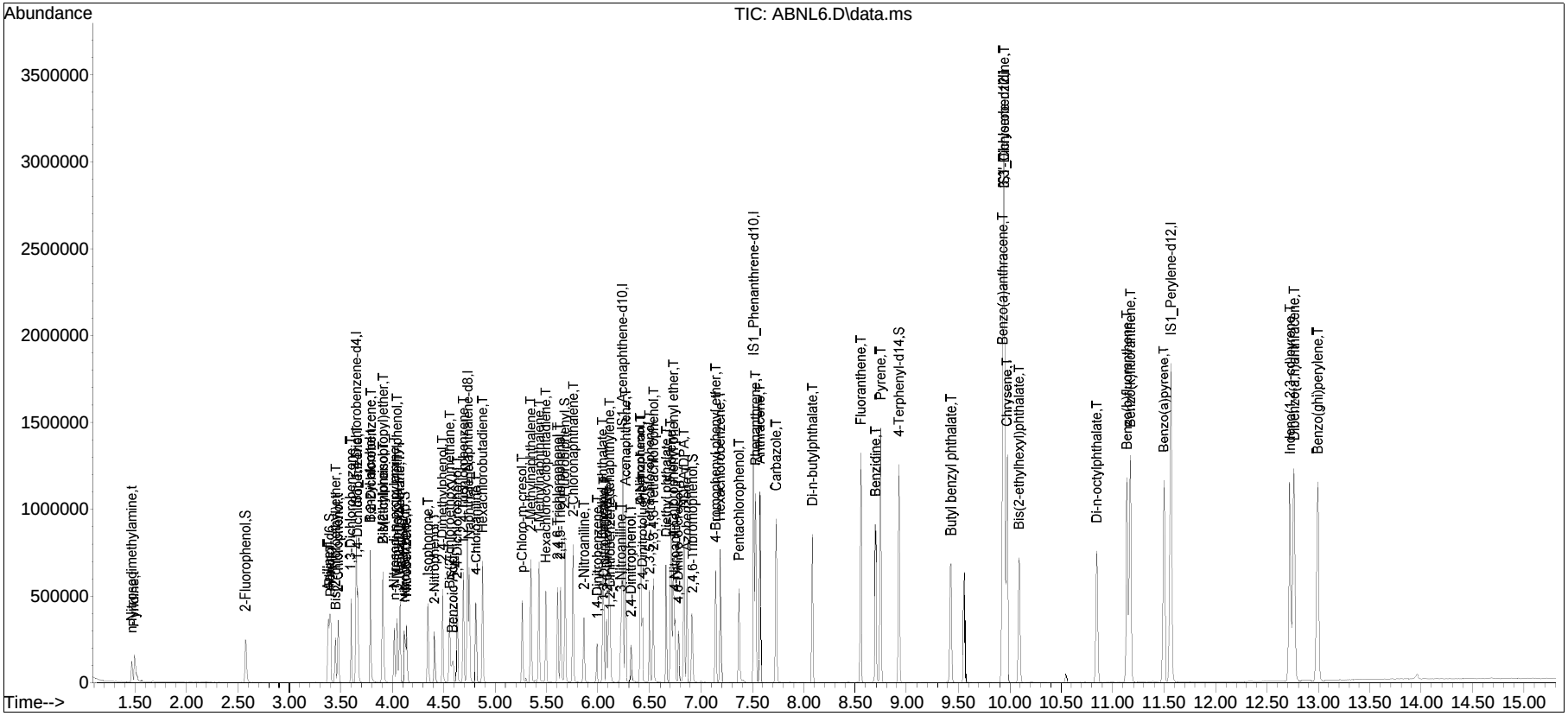
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL6.D
Acq On : 9 Dec 2025 7:00 pm
Operator : MORK:jg
Sample : IL5,32,,ABNL25 Lot# 12130
Misc : WG2152654,,
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 10 15:17:18 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

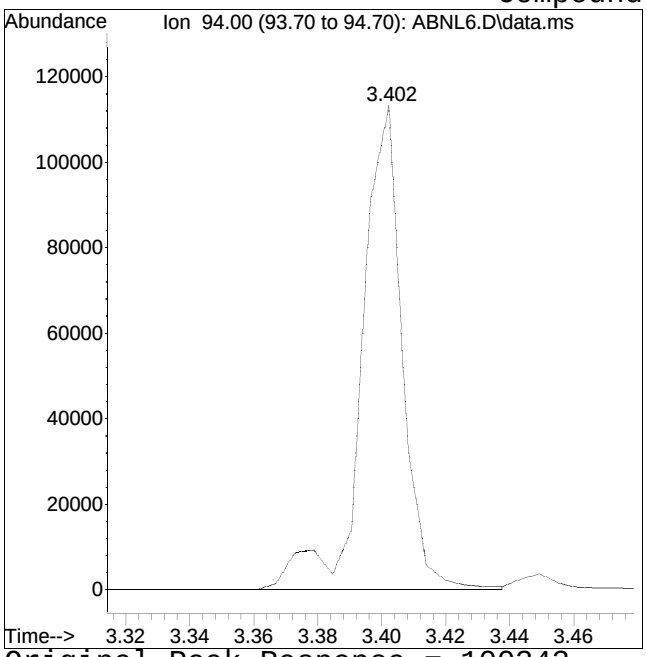
Sub List : ABNical - ABN ical sublistl\ABNL7.D•



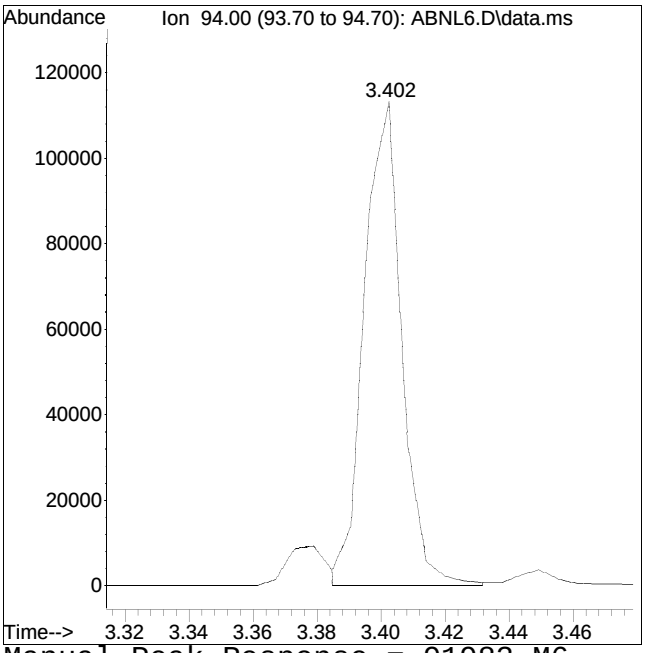
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL6.D Operator : MORK:jg
Date Inj'd : 12/9/2025 7:00 pm Instrument : Mork
Sample : IL5,32,,ABNL25 Lot# 12130 Quant Date : 12/10/2025 2:47 pm

Compound #8: Phenol



Original Peak Response = 100343



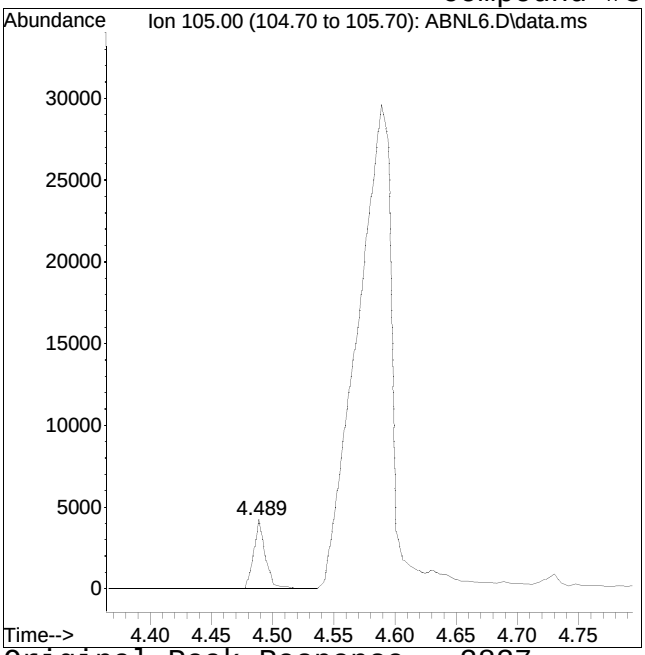
Manual Peak Response = 91983 M6

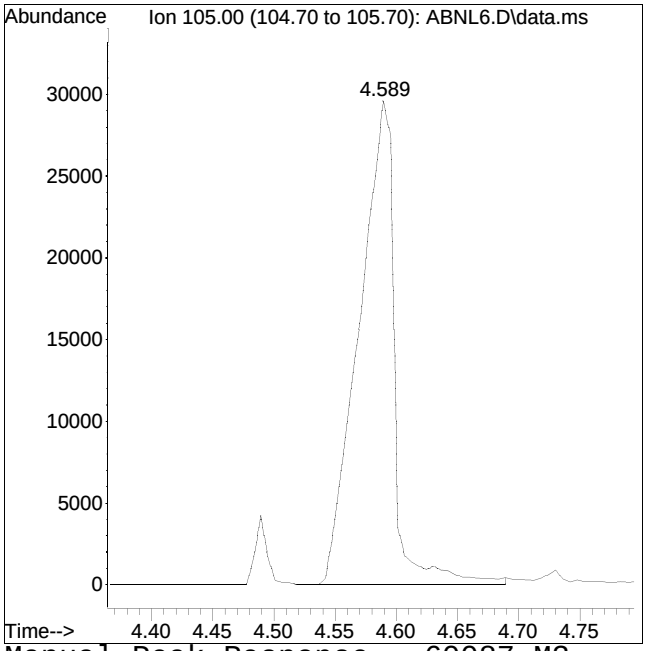
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL6.D Operator : MORK:jg
Date Inj'd : 12/9/2025 7:00 pm Instrument : Mork
Sample : IL5,32,,ABNL25 Lot# 12130 Quant Date : 12/10/2025 2:47 pm

Compound #37: Benzoic Acid





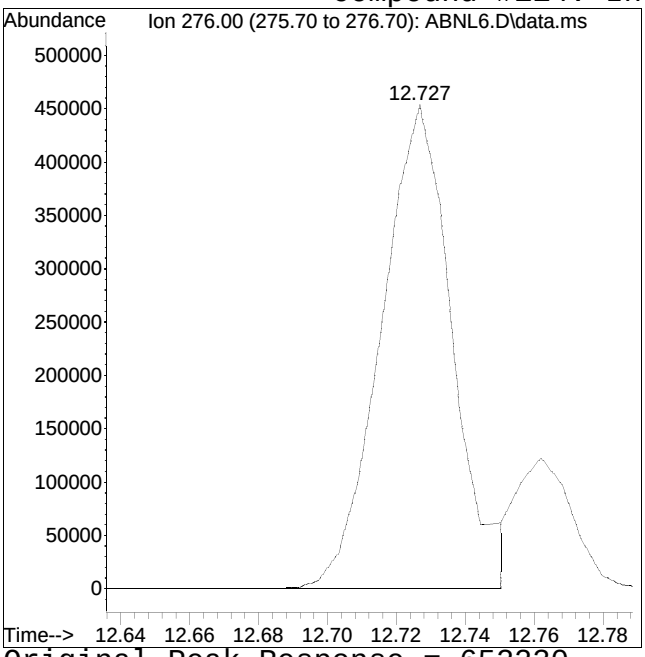
Original Peak Response = 2837 Manual Peak Response = 60087 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

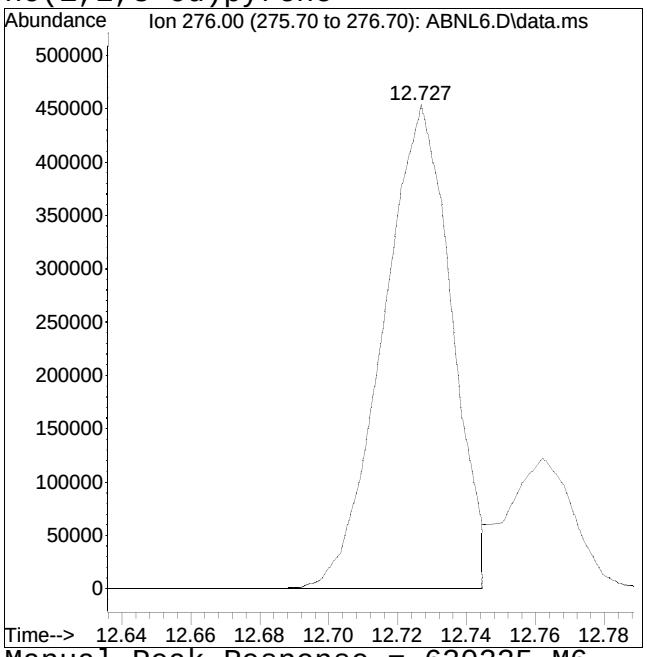
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL6.D Operator : MORK:jg
Date Inj'd : 12/9/2025 7:00 pm Instrument : Mork
Sample : IL5,32,,ABNL25 Lot# 12130 Quant Date : 12/10/2025 2:47 pm

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 652230



Manual Peak Response = 630335 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL5.D
Acq On : 9 Dec 2025 7:20 pm
Operator : MORK:jg
Sample : IL6,32,,ABNL10 Lot# 12131
Misc : WG2152654,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 10 15:14:56 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.649	152	119578	40.000	ug/ml	0.00
Standard Area 1 = 117810			Recovery = 101.50%			
35) IS1_Naphthalene-d8	4.724	136	402788	40.000	ug/ml	# 0.00
Standard Area 1 = 407331			Recovery = 98.88%			
63) IS1_Acenaphthene-d10	6.234	164	252574	40.000	ug/ml	0.00
Standard Area 1 = 261152			Recovery = 96.72%			
88) IS1_Phenanthrene-d10	7.509	188	558586	40.000	ug/ml	# 0.00
Standard Area 1 = 581810			Recovery = 96.01%			
104) IS1_Chrysene-d12	9.942	240	674042	40.000	ug/ml	# 0.00
Standard Area 1 = 706656			Recovery = 95.38%			
113) IS1_Perylene-d12	11.569	264	827781	40.000	ug/ml	0.00
Standard Area 1 = 833118			Recovery = 99.36%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.580	112	27486	8.641	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 17.28%			
7) Phenol-d6	3.391	99	34760	8.375	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 16.75%			
19) Nitrobenzene-d5	4.119	82	30062	8.129	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 32.52%			
46) 2-Fluorobiphenyl	5.676	172	98200	10.284	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 41.14%			
79) 2,4,6-Tribromophenol	6.916	330	19942	11.015	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 22.03%			
96) 4-Terphenyl-d14	8.925	244	155238	9.935	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 39.74%			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.475	74	17979	8.712	ug/ml#	98
3) Pyridine	1.505	79	30313	9.696	ug/ml#	80
5) Aniline	3.379	93	45550	8.759	ug/ml#	67
6) 2-Chlorophenol	3.473	128	32546	8.692	ug/ml	98
8) Phenol	3.402	94	36232M6	7.593	ug/ml	
9) Bis(2-chloroethyl)ether	3.449	93	25719	8.137	ug/ml	97
10) 1,3-Dichlorobenzene	3.596	146	42539	9.395	ug/ml	98
11) 1,4-Dichlorobenzene	3.661	146	43340	9.284	ug/ml	99
12) 1,2-Dichlorobenzene	3.790	146	42053	9.352	ug/ml	97
13) Benzyl alcohol	3.784	79	25282	8.090	ug/ml	97
14) Bis(2-chloroisopropyl)...	3.908	45	33919	9.478	ug/ml#	87

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL5.D
Acq On : 9 Dec 2025 7:20 pm
Operator : MORK:jg
Sample : IL6,32,,ABNL10 Lot# 12131
Misc : WG2152654,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 10 15:14:56 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	3.908	108	27970	8.503	ug/ml	98
16) Hexachloroethane	4.072	117	15608	9.783	ug/ml#	61
17) n-Nitrosodi-n-propylamine	4.019	70	21090	7.969	ug/ml	93
18) 3-Methylphenol/4-Methy...	4.043	108	29140	8.237	ug/ml	98
20) Nitrobenzene	4.137	77	31710	8.430	ug/ml	94
21) Isophorone	4.348	82	56215	7.922	ug/ml	98
22) 2-Nitrophenol	4.413	139	17371	9.397	ug/ml#	93
23) 2,4-Dimethylphenol	4.489	107	33215	9.404	ug/ml	96
24) Bis(2-chloroethoxy)met...	4.560	93	35442	8.239	ug/ml	98
25) 2,4-Dichlorophenol	4.630	162	35439	9.455	ug/ml	97
26) 1,2,4-Trichlorobenzene	4.689	180	43607	9.854	ug/ml	98
36) Naphthalene	4.742	128	100328	9.360	ug/ml	99
37) Benzoic Acid	4.566	105	20278M3	8.586	ug/ml	
38) 4-Chloroaniline	4.813	65	10070	8.286	ug/ml	79
39) Hexachlorobutadiene	4.877	225	28089	9.807	ug/ml	99
40) p-Chloro-m-cresol	5.265	107	27324	8.856	ug/ml	99
41) 2-Methylnaphthalene	5.347	142	64848	8.833	ug/ml	93
42) 1-Methylnaphthalene	5.429	115	23316	9.339	ug/ml	94
43) Hexachlorocyclopentadiene	5.494	237	29465	10.149	ug/ml	98
44) 2,4,6-Trichlorophenol	5.606	196	29566	9.947	ug/ml	98
45) 2,4,5-Trichlorophenol	5.635	196	32193	10.391	ug/ml	97
47) 2-Chloronaphthalene	5.758	162	80537	10.161	ug/ml	97
48) 2-Nitroaniline	5.864	138	22029	10.062	ug/ml	94
49) 1,4-Dinitrobenzene	5.988	168	9749	10.133	ug/ml	89
50) 1,3-Dinitrobenzene	6.058	168	11605	10.418	ug/ml	94
51) Dimethyl phthalate	6.046	163	96407	10.190	ug/ml#	97
52) Acenaphthylene	6.111	152	125902	10.331	ug/ml	99
53) 2,6-Dinitrotoluene	6.082	165	19822	10.453	ug/ml	91
54) 1,2-Dinitrobenzene	6.117	168	7073	10.042	ug/ml	97
64) 3-Nitroaniline	6.217	138	19505	9.854	ug/ml#	91
65) Acenaphthene	6.264	154	69091	9.838	ug/ml	93
66) 2,4-Dinitrophenol	6.317	184	10011	9.433	ug/ml#	88
67) Dibenzofuran	6.417	168	116685	10.078	ug/ml#	80
68) 2,4-Dinitrotoluene	6.428	165	26971	10.515	ug/ml#	77
69) 4-Nitrophenol	6.411	65	12612	9.208	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	6.499	232	27252	9.359	ug/ml	100
71) 2,3,4,6-Tetrachlorophenol	6.540	232	28271	10.005	ug/ml	100
72) Diethyl phthalate	6.657	149	93244	10.063	ug/ml	99
73) Fluorene	6.710	166	94685	10.236	ug/ml	93
74) 4-Chlorophenyl phenyl ...	6.728	204	47818	9.966	ug/ml	96

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL5.D
Acq On : 9 Dec 2025 7:20 pm
Operator : MORK:jg
Sample : IL6,32,,ABNL10 Lot# 12131
Misc : WG2152654,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 10 15:14:56 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
75)	4-Nitroaniline	6.740	138	18799	9.232	ug/ml	#	87
76)	4,6-Dinitro-o-cresol	6.781	198	15241	10.929	ug/ml	#	84
77)	NDPA/DPA	6.834	169	81605	10.476	ug/ml		93
78)	Azobenzene	6.863	77	68475	8.855	ug/ml	#	95
80)	4-Bromophenyl phenyl e...	7.145	248	33274	9.746	ug/ml		98
81)	Hexachlorobenzene	7.186	284	40162	9.982	ug/ml		92
82)	Pentachlorophenol	7.368	266	21716	8.621	ug/ml		99
89)	Phenanthrene	7.527	178	150675	9.758	ug/ml		99
90)	Anthracene	7.574	178	156017	10.082	ug/ml		100
91)	Carbazole	7.727	167	141516	9.973	ug/ml		98
92)	Di-n-butylphthalate	8.085	149	163642	10.056	ug/ml		99
93)	Fluoranthene	8.555	202	195269	10.129	ug/ml	#	91
94)	Benzidine	8.696	184	130344	11.730	ug/ml	#	94
95)	Pyrene	8.743	202	202791	10.080	ug/ml		99
97)	Butyl benzyl phthalate	9.425	149	76919	11.531	ug/ml		88
105)	Benzo(a)anthracene	9.930	228	220507	9.737	ug/ml		99
106)	3,3'-Dichlorobenzidine	9.942	252	94313	11.316	ug/ml	#	96
107)	Chrysene	9.965	228	207186	9.841	ug/ml		98
108)	Bis(2-ethylhexyl)phtha...	10.089	149	116225	10.850	ug/ml	#	92
109)	Di-n-octylphthalate	10.847	149	203144	11.167	ug/ml	#	93
110)	Benzo(b)fluoranthene	11.135	252	233976	10.048	ug/ml	#	92
111)	Benzo(k)fluoranthene	11.170	252	226890	10.330	ug/ml	#	92
112)	Benzo(a)pyrene	11.499	252	221202	10.491	ug/ml	#	92
114)	Indeno(1,2,3-cd)pyrene	12.721	276	244043	9.643	ug/mL	#	82
115)	Dibenzo(a,h)anthracene	12.756	278	238746	9.959	ug/ml	#	90
116)	Benzo(ghi)perylene	12.985	276	237871	10.238	ug/ml	#	85

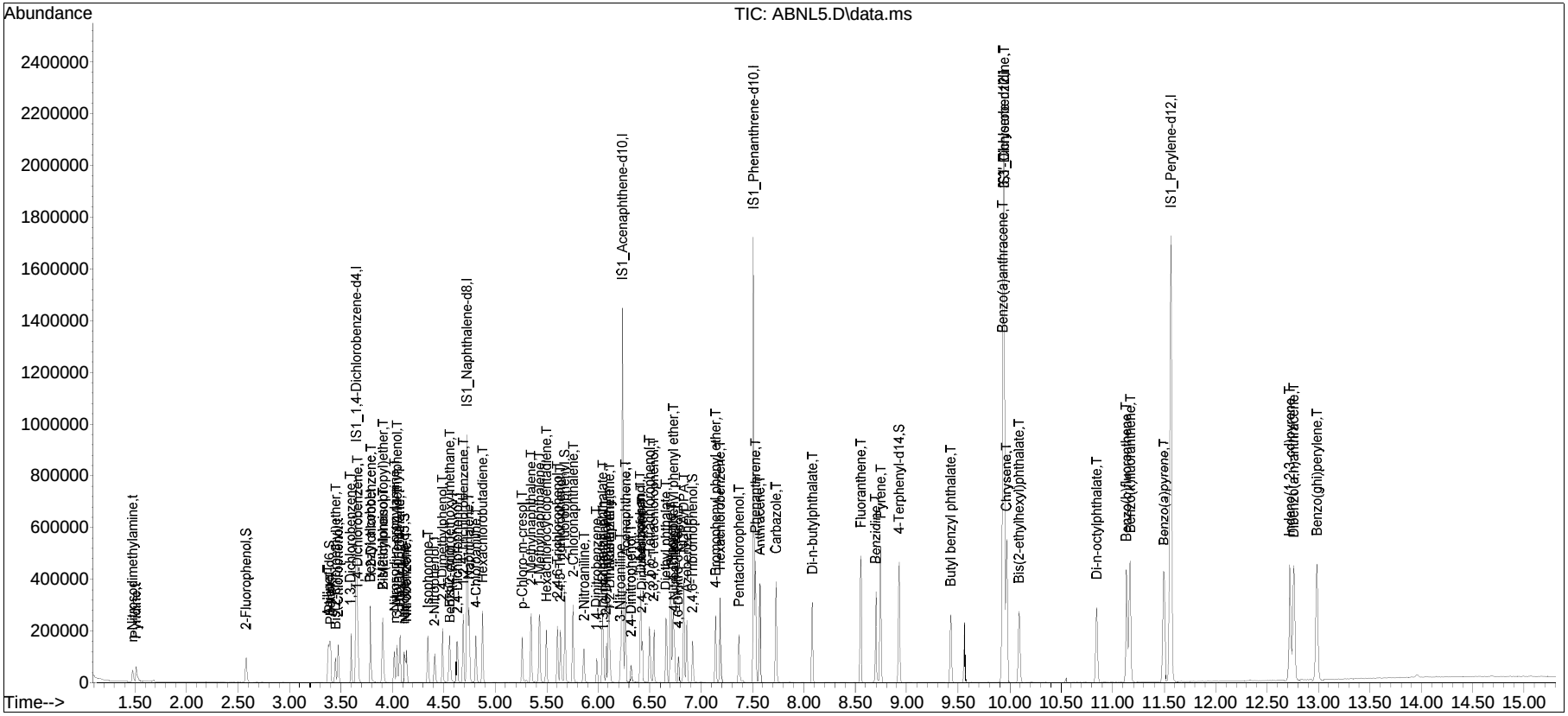
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL5.D
Acq On : 9 Dec 2025 7:20 pm
Operator : MORK:jg
Sample : IL6,32,,ABNL10 Lot# 12131
Misc : WG2152654,,
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 10 15:14:56 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

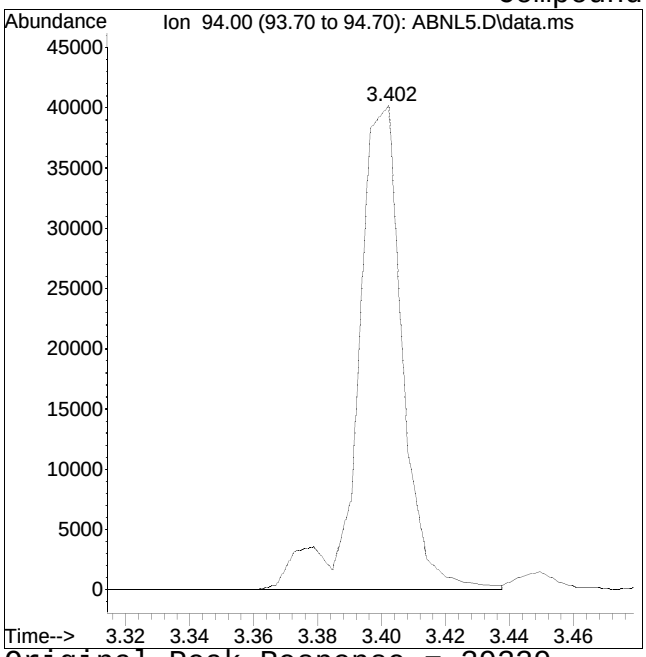
Sub List : ABNical - ABN ical sublistl\ABNL7.D•



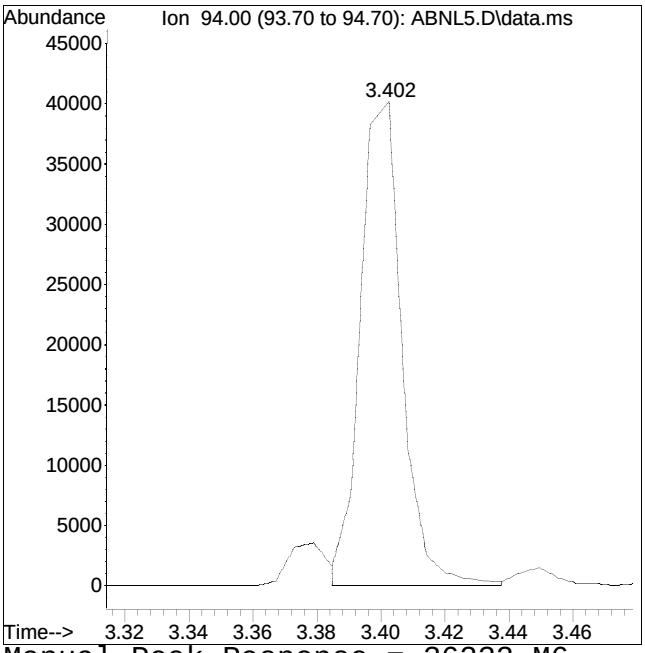
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL5.D Operator : MORK:jg
Date Inj'd : 12/9/2025 7:20 pm Instrument : Mork
Sample : IL6,32,,ABNL10 Lot# 12131 Quant Date : 12/10/2025 2:47 pm

Compound #8: Phenol



Original Peak Response = 39339



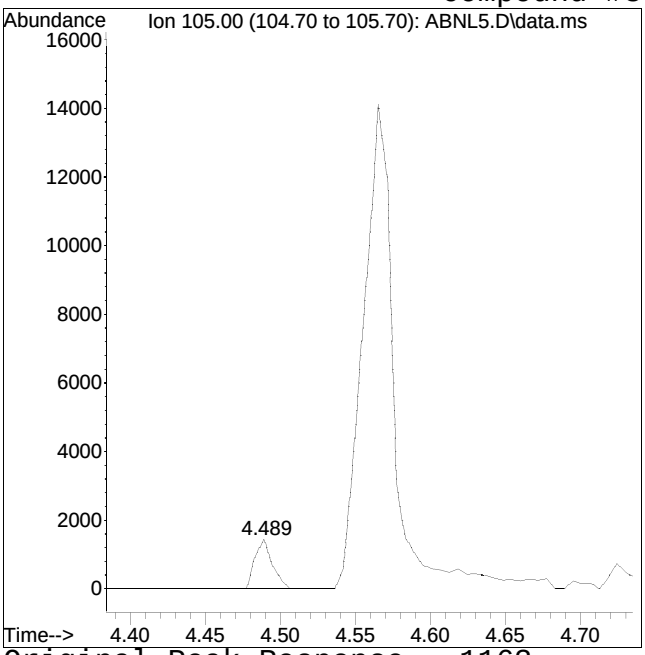
Manual Peak Response = 36232 M6

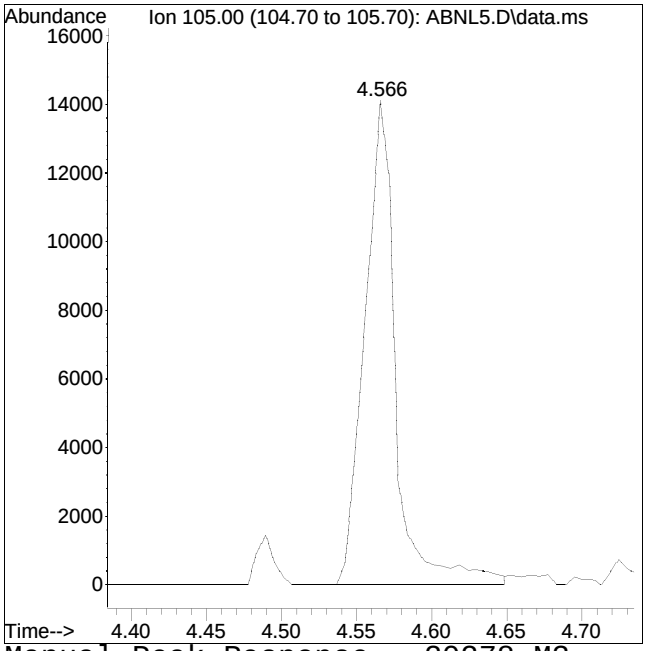
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL5.D Operator : MORK:jg
Date Inj'd : 12/9/2025 7:20 pm Instrument : Mork
Sample : IL6,32,,ABNL10 Lot# 12131 Quant Date : 12/10/2025 2:47 pm

Compound #37: Benzoic Acid





Original Peak Response = 1163 Manual Peak Response = 20278 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL4.D
Acq On : 9 Dec 2025 7:40 pm
Operator : MORK:jg
Sample : IL7,32,,ABNL5 Lot# 12132
Misc : WG2152654,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 10 15:13:29 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.649	152	103482	40.000	ug/ml		0.00
Standard Area 1 = 117810			Recovery = 87.84%				
35) IS1_Naphthalene-d8	4.724	136	349465	40.000	ug/ml	#	0.00
Standard Area 1 = 407331			Recovery = 85.79%				
63) IS1_Acenaphthene-d10	6.234	164	223131	40.000	ug/ml		0.00
Standard Area 1 = 261152			Recovery = 85.44%				
88) IS1_Phenanthrene-d10	7.509	188	496528	40.000	ug/ml	#	0.00
Standard Area 1 = 581810			Recovery = 85.34%				
104) IS1_Chrysene-d12	9.942	240	594678	40.000	ug/ml	#	0.00
Standard Area 1 = 706656			Recovery = 84.15%				
113) IS1_Perylene-d12	11.564	264	719186	40.000	ug/ml		0.00
Standard Area 1 = 833118			Recovery = 86.32%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.580	112	11910	4.326	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 8.65%#				
7) Phenol-d6	3.391	99	14596	4.064	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 8.13%#				
19) Nitrobenzene-d5	4.119	82	13563	4.238	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 16.95%#				
46) 2-Fluorobiphenyl	5.676	172	43587	5.261	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 21.04%#				
79) 2,4,6-Tribromophenol	6.916	330	8492	5.309	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 10.62%#				
96) 4-Terphenyl-d14	8.925	244	69281	4.988	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 19.95%#				
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	1.475	74	7033	3.938	ug/ml#		88
3) Pyridine	1.516	79	12180	4.502	ug/ml#		80
5) Aniline	3.379	93	20383	4.529	ug/ml#		65
6) 2-Chlorophenol	3.473	128	15106	4.662	ug/ml		96
8) Phenol	3.402	94	15576M6	3.772	ug/ml		
9) Bis(2-chloroethyl)ether	3.449	93	11694	4.275	ug/ml		96
10) 1,3-Dichlorobenzene	3.596	146	18655	4.761	ug/ml		98
11) 1,4-Dichlorobenzene	3.661	146	18609	4.606	ug/ml		96
12) 1,2-Dichlorobenzene	3.790	146	17473	4.490	ug/ml		98
13) Benzyl alcohol	3.784	79	10991	4.064	ug/ml		90
14) Bis(2-chloroisopropyl)...	3.908	45	15065	4.864	ug/ml#		85

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL4.D
Acq On : 9 Dec 2025 7:40 pm
Operator : MORK:jg
Sample : IL7,32,,ABNL5 Lot# 12132
Misc : WG2152654,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 10 15:13:29 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	3.908	108	11834	4.157	ug/ml	95
16) Hexachloroethane	4.072	117	6955	5.037	ug/ml#	59
17) n-Nitrosodi-n-propylamine	4.019	70	9465	4.133	ug/ml#	92
18) 3-Methylphenol/4-Methy...	4.043	108	12714	4.153	ug/ml	98
20) Nitrobenzene	4.137	77	14161	4.350	ug/ml	95
21) Isophorone	4.348	82	24808	4.040	ug/ml	96
22) 2-Nitrophenol	4.413	139	7464	4.666	ug/ml#	94
23) 2,4-Dimethylphenol	4.489	107	14326	4.687	ug/ml	94
24) Bis(2-chloroethoxy)met...	4.560	93	15823	4.251	ug/ml	98
25) 2,4-Dichlorophenol	4.630	162	15221	4.692	ug/ml	97
26) 1,2,4-Trichlorobenzene	4.689	180	18816	4.913	ug/ml	99
36) Naphthalene	4.742	128	45277	4.869	ug/ml	98
37) Benzoic Acid	4.560	105	8528	4.162	ug/ml#	1
38) 4-Chloroaniline	4.812	65	4628	4.389	ug/ml	90
39) Hexachlorobutadiene	4.877	225	13017	5.238	ug/ml	98
40) p-Chloro-m-cresol	5.265	107	12506	4.672	ug/ml	97
41) 2-Methylnaphthalene	5.347	142	29834	4.684	ug/ml	94
42) 1-Methylnaphthalene	5.429	115	10895	5.030	ug/ml	91
43) Hexachlorocyclopentadiene	5.494	237	12291	4.879	ug/ml	97
44) 2,4,6-Trichlorophenol	5.606	196	13103	5.081	ug/ml	99
45) 2,4,5-Trichlorophenol	5.641	196	13952	5.190	ug/ml	96
47) 2-Chloronaphthalene	5.758	162	35216	5.121	ug/ml	97
48) 2-Nitroaniline	5.864	138	8924	4.698	ug/ml	98
49) 1,4-Dinitrobenzene	5.988	168	4123	4.939	ug/ml	88
50) 1,3-Dinitrobenzene	6.052	168	5058	5.234	ug/ml	89
51) Dimethyl phthalate	6.046	163	42495	5.177	ug/ml#	97
52) Acenaphthylene	6.111	152	56684	5.361	ug/ml	98
53) 2,6-Dinitrotoluene	6.082	165	8422	5.119	ug/ml	94
54) 1,2-Dinitrobenzene	6.117	168	3138	5.135	ug/ml	90
64) 3-Nitroaniline	6.217	138	8002	4.576	ug/ml#	73
65) Acenaphthene	6.264	154	31701	5.109	ug/ml	95
66) 2,4-Dinitrophenol	6.317	184	4014	4.281	ug/ml#	84
67) Dibenzofuran	6.417	168	53641	5.244	ug/ml#	84
68) 2,4-Dinitrotoluene	6.428	165	11693	5.160	ug/ml	94
69) 4-Nitrophenol	6.411	65	5532	4.572	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	6.499	232	12091	4.700	ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	6.540	232	12680	5.080	ug/ml	100
72) Diethyl phthalate	6.657	149	42417	5.182	ug/ml	99
73) Fluorene	6.710	166	41805	5.116	ug/ml	91
74) 4-Chlorophenyl phenyl ...	6.728	204	21540	5.081	ug/ml	99

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL4.D
Acq On : 9 Dec 2025 7:40 pm
Operator : MORK:jg
Sample : IL7,32,,ABNL5 Lot# 12132
Misc : WG2152654,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 10 15:13:29 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	6.740	138	8067	4.485	ug/ml#	80
76)	4,6-Dinitro-o-cresol	6.781	198	5975	4.850	ug/ml#	86
77)	NDPA/DPA	6.834	169	35829	5.207	ug/ml	95
78)	Azobenzene	6.863	77	31247	4.574	ug/ml	95
80)	4-Bromophenyl phenyl e...	7.145	248	14365	4.763	ug/ml	99
81)	Hexachlorobenzene	7.186	284	18013	5.068	ug/ml#	92
82)	Pentachlorophenol	7.368	266	9077	4.079	ug/ml	97
89)	Phenanthrene	7.527	178	68630	5.000	ug/ml	99
90)	Anthracene	7.568	178	68669	4.992	ug/ml	99
91)	Carbazole	7.727	167	63809	5.059	ug/ml	98
92)	Di-n-butylphthalate	8.085	149	71940	4.973	ug/ml	98
93)	Fluoranthene	8.555	202	86980	5.076	ug/ml#	89
94)	Benzidine	8.696	184	55931	5.662	ug/ml#	94
95)	Pyrene	8.743	202	91236	5.102	ug/ml	98
97)	Butyl benzyl phthalate	9.425	149	32534	5.487	ug/ml	88
105)	Benzo(a)anthracene	9.930	228	99068	4.958	ug/ml	99
106)	3,3'-Dichlorobenzidine	9.942	252	41330	5.621	ug/ml#	96
107)	Chrysene	9.965	228	92508	4.980	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	10.089	149	49897	5.280	ug/ml#	92
109)	Di-n-octylphthalate	10.847	149	87756	5.468	ug/ml#	92
110)	Benzo(b)fluoranthene	11.135	252	105566	5.139	ug/ml#	92
111)	Benzo(k)fluoranthene	11.164	252	95457	4.926	ug/ml#	92
112)	Benzo(a)pyrene	11.493	252	96769	5.202	ug/ml#	91
114)	Indeno(1,2,3-cd)pyrene	12.721	276	106246	4.832	ug/mL#	82
115)	Dibenzo(a,h)anthracene	12.756	278	105073	5.045	ug/ml#	89
116)	Benzo(ghi)perylene	12.985	276	103997	5.152	ug/ml#	85

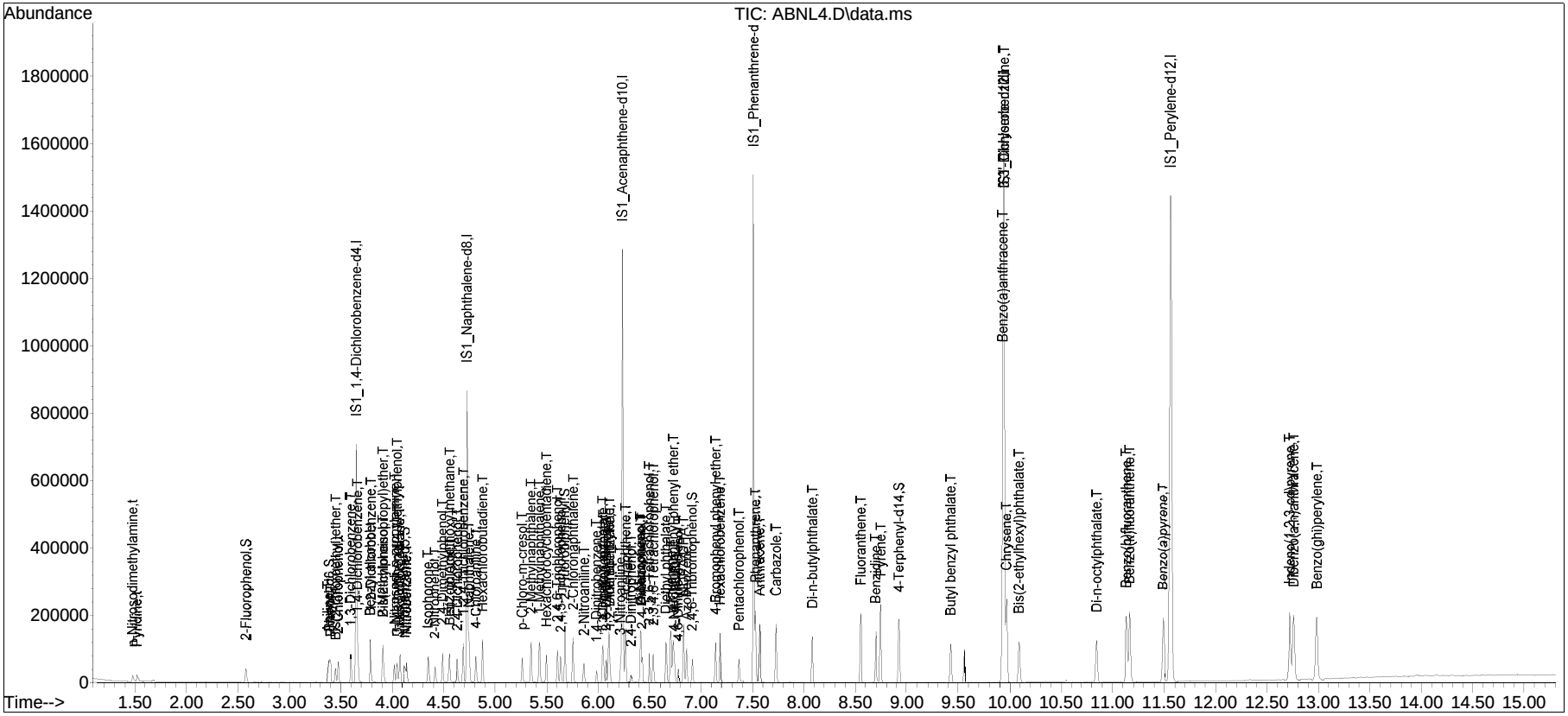
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL4.D
Acq On : 9 Dec 2025 7:40 pm
Operator : MORK:jg
Sample : IL7,32,,ABNL5 Lot# 12132
Misc : WG2152654,,
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 10 15:13:29 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

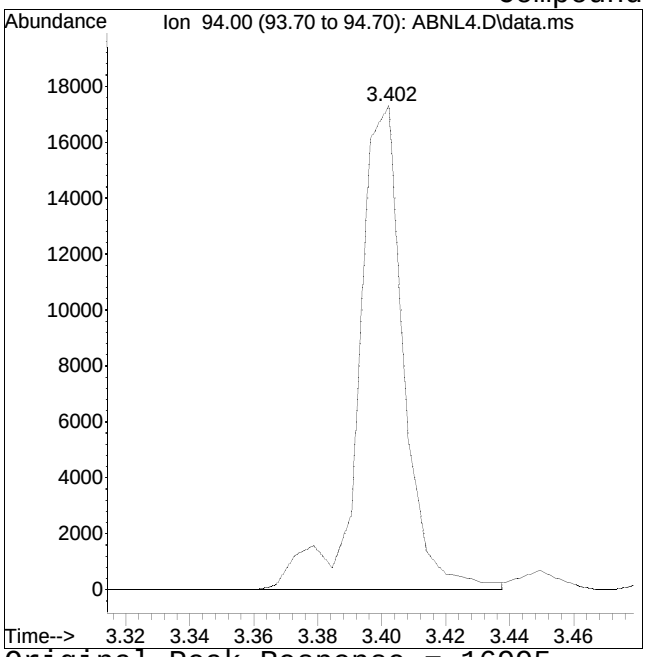
Sub List : ABNical - ABN ical sublistl\ABNL7.D•



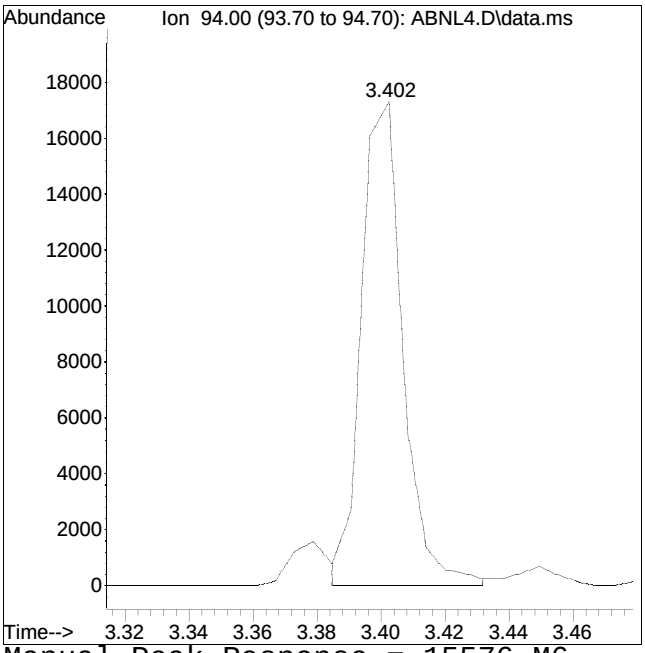
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL4.D Operator : MORK:jg
Date Inj'd : 12/9/2025 7:40 pm Instrument : Mork
Sample : IL7,32,,ABNL5 Lot# 12132 Quant Date : 12/10/2025 2:47 pm

Compound #8: Phenol



Original Peak Response = 16995



Manual Peak Response = 15576 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL3.D
Acq On : 9 Dec 2025 8:00 pm
Operator : MORK:jg
Sample : IL8,32,,ABNL3 Lot# 12133
Misc : WG2152654,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 11 12:37:19 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	3.649	152	114750	40.000 ug/ml	0.00
Standard Area 1 = 117810			Recovery =	97.40%	
35) IS1_Naphthalene-d8	4.724	136	388926	40.000 ug/ml	# 0.00
Standard Area 1 = 407331			Recovery =	95.48%	
63) IS1_Acenaphthene-d10	6.234	164	245671	40.000 ug/ml	0.00
Standard Area 1 = 261152			Recovery =	94.07%	
88) IS1_Phenanthrene-d10	7.509	188	539266	40.000 ug/ml	# 0.00
Standard Area 1 = 581810			Recovery =	92.69%	
104) IS1_Chrysene-d12	9.942	240	645613	40.000 ug/ml	# 0.00
Standard Area 1 = 706656			Recovery =	91.36%	
113) IS1_Perylene-d12	11.569	264	799733	40.000 ug/ml	0.00
Standard Area 1 = 833118			Recovery =	95.99%	
System Monitoring Compounds					
4) 2-Fluorophenol	2.580	112	8298	2.718 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery =	5.44%#	
7) Phenol-d6	3.391	99	9526	2.392 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery =	4.78%#	
19) Nitrobenzene-d5	4.125	82	9069	2.556 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	10.22%#	
46) 2-Fluorobiphenyl	5.676	172	29180	3.165 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	12.66%#	
79) 2,4,6-Tribromophenol	6.916	330	5427	3.082 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery =	6.16%#	
96) 4-Terphenyl-d14	8.925	244	45727	3.031 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	12.12%#	
Target Compounds					Qvalue
2) n-Nitrosodimethylamine	1.481	74	5183	2.617 ug/ml#	96
3) Pyridine	1.522	79	8549	2.850 ug/ml#	81
5) Aniline	3.379	93	13590	2.723 ug/ml#	63
6) 2-Chlorophenol	3.479	128	9777	2.721 ug/ml	96
8) Phenol	3.402	94	10135M6	2.213 ug/ml	
9) Bis(2-chloroethyl)ether	3.449	93	8096	2.669 ug/ml	97
10) 1,3-Dichlorobenzene	3.602	146	13028	2.998 ug/ml	95
11) 1,4-Dichlorobenzene	3.661	146	12731	2.842 ug/ml	91
12) 1,2-Dichlorobenzene	3.790	146	12280	2.846 ug/ml	98
13) Benzyl alcohol	3.790	79	7126	2.376 ug/ml	94
14) Bis(2-chloroisopropyl)...	3.908	45	10479	3.051 ug/ml#	89

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL3.D
Acq On : 9 Dec 2025 8:00 pm
Operator : MORK:jg
Sample : IL8,32,,ABNL3 Lot# 12133
Misc : WG2152654,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 11 12:37:19 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	3.908	108	8291	2.627	ug/ml	98
16) Hexachloroethane	4.072	117	4679	3.056	ug/ml#	59
17) n-Nitrosodi-n-propylamine	4.019	70	6424	2.529	ug/ml#	86
18) 3-Methylphenol/4-Methy...	4.043	108	8164	2.405	ug/ml	96
20) Nitrobenzene	4.137	77	9126	2.528	ug/ml	91
21) Isophorone	4.348	82	16329	2.398	ug/ml#	97
22) 2-Nitrophenol	4.413	139	5127	2.890	ug/ml#	90
23) 2,4-Dimethylphenol	4.489	107	9485	2.799	ug/ml	93
24) Bis(2-chloroethoxy)met...	4.560	93	10370	2.512	ug/ml#	97
25) 2,4-Dichlorophenol	4.630	162	9802	2.725	ug/ml	96
26) 1,2,4-Trichlorobenzene	4.689	180	12884	3.034	ug/ml	97
36) Naphthalene	4.742	128	29896	2.889	ug/ml	99
37) Benzoic Acid	4.554	105	5022	2.202	ug/ml#	1
38) 4-Chloroaniline	4.812	65	2994	2.551	ug/ml	88
39) Hexachlorobutadiene	4.877	225	8192	2.962	ug/ml	97
40) p-Chloro-m-cresol	5.265	107	8008	2.688	ug/ml	99
41) 2-Methylnaphthalene	5.347	142	19999	2.821	ug/ml	96
42) 1-Methylnaphthalene	5.429	115	7209	2.990	ug/ml	92
43) Hexachlorocyclopentadiene	5.494	237	7715	2.752	ug/ml	98
44) 2,4,6-Trichlorophenol	5.606	196	8669	3.021	ug/ml	98
45) 2,4,5-Trichlorophenol	5.635	196	9581	3.203	ug/ml	98
47) 2-Chloronaphthalene	5.758	162	24419	3.191	ug/ml	96
48) 2-Nitroaniline	5.864	138	5909	2.795	ug/ml	100
49) 1,4-Dinitrobenzene	5.988	168	2683	2.888	ug/ml	87
50) 1,3-Dinitrobenzene	6.052	168	3089	2.872	ug/ml	96
51) Dimethyl phthalate	6.046	163	28273	3.095	ug/ml#	98
52) Acenaphthylene	6.111	152	38057	3.234	ug/ml	98
53) 2,6-Dinitrotoluene	6.082	165	5620	3.069	ug/ml	90
54) 1,2-Dinitrobenzene	6.117	168	1874M3	2.756	ug/ml	
64) 3-Nitroaniline	6.217	138	5673	2.947	ug/ml#	68
65) Acenaphthene	6.264	154	21946	3.213	ug/ml	97
66) 2,4-Dinitrophenol	6.322	184	2317	2.245	ug/ml#	78
67) Dibenzofuran	6.411	168	35839	3.182	ug/ml#	85
68) 2,4-Dinitrotoluene	6.428	165	7386	2.960	ug/ml	93
69) 4-Nitrophenol	6.411	65	3600	2.702	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	6.499	232	7932	2.801	ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	6.540	232	8065	2.934	ug/ml	95
72) Diethyl phthalate	6.657	149	27803	3.085	ug/ml	99
73) Fluorene	6.704	166	27331	3.038	ug/ml	90
74) 4-Chlorophenyl phenyl ...	6.728	204	14197	3.042	ug/ml	98

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL3.D
Acq On : 9 Dec 2025 8:00 pm
Operator : MORK:jg
Sample : IL8,32,,ABNL3 Lot# 12133
Misc : WG2152654,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 11 12:37:19 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
75)	4-Nitroaniline	6.740	138	5584	2.819	ug/ml	#	86
76)	4,6-Dinitro-o-cresol	6.781	198	3869	2.852	ug/ml	#	91
77)	NDPA/DPA	6.834	169	22941	3.028	ug/ml		91
78)	Azobenzene	6.863	77	20553	2.732	ug/ml	#	93
80)	4-Bromophenyl phenyl e...	7.145	248	10188	3.068	ug/ml		97
81)	Hexachlorobenzene	7.186	284	11954	3.055	ug/ml		93
82)	Pentachlorophenol	7.368	266	5654	2.308	ug/ml		96
89)	Phenanthrene	7.527	178	47385	3.179	ug/ml		99
90)	Anthracene	7.568	178	46913	3.140	ug/ml		99
91)	Carbazole	7.727	167	42421	3.097	ug/ml		99
92)	Di-n-butylphthalate	8.085	149	47555	3.027	ug/ml		98
93)	Fluoranthene	8.555	202	56910	3.058	ug/ml	#	90
94)	Benzidine	8.696	184	37291	3.476	ug/ml	#	94
95)	Pyrene	8.743	202	60405	3.110	ug/ml		98
97)	Butyl benzyl phthalate	9.425	149	20944	3.252	ug/ml		90
105)	Benzo(a)anthracene	9.930	228	65422	3.016	ug/ml		99
106)	3,3'-Dichlorobenzidine	9.936	252	26964	3.378	ug/ml		97
107)	Chrysene	9.965	228	61401	3.045	ug/ml		98
108)	Bis(2-ethylhexyl)phtha...	10.089	149	33004	3.217	ug/ml	#	91
109)	Di-n-octylphthalate	10.847	149	56741	3.256	ug/ml	#	93
110)	Benzo(b)fluoranthene	11.135	252	71367	3.200	ug/ml	#	91
111)	Benzo(k)fluoranthene	11.164	252	62471	2.969	ug/ml	#	92
112)	Benzo(a)pyrene	11.493	252	65074	3.222	ug/ml	#	92
114)	Indeno(1,2,3-cd)pyrene	12.721	276	70032M6	2.864	ug/mL		
115)	Dibenzo(a,h)anthracene	12.756	278	70181	3.030	ug/ml	#	89
116)	Benzo(ghi)perylene	12.980	276	68731	3.062	ug/ml	#	86

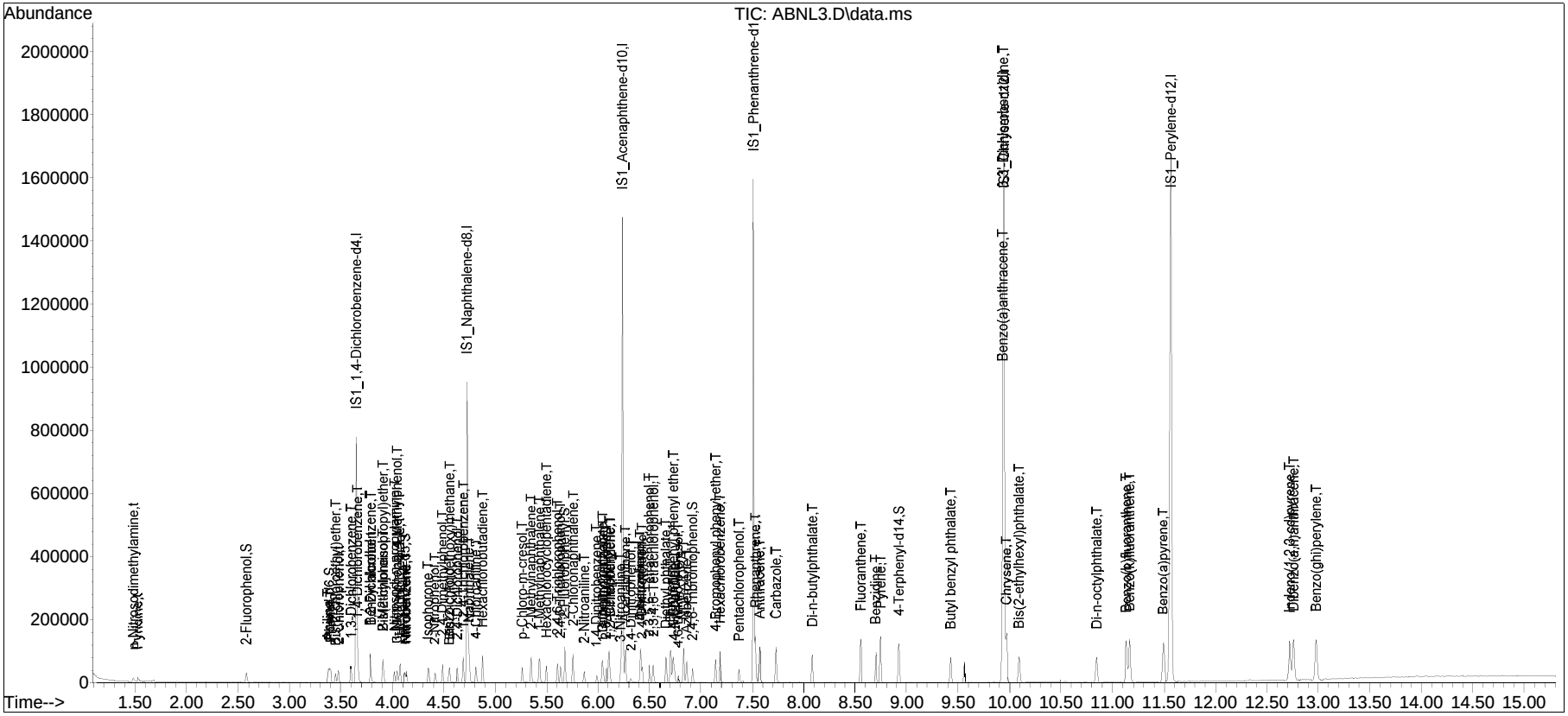
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL3.D
Acq On : 9 Dec 2025 8:00 pm
Operator : MORK:jg
Sample : IL8,32,,ABNL3 Lot# 12133
Misc : WG2152654,,
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 11 12:37:19 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

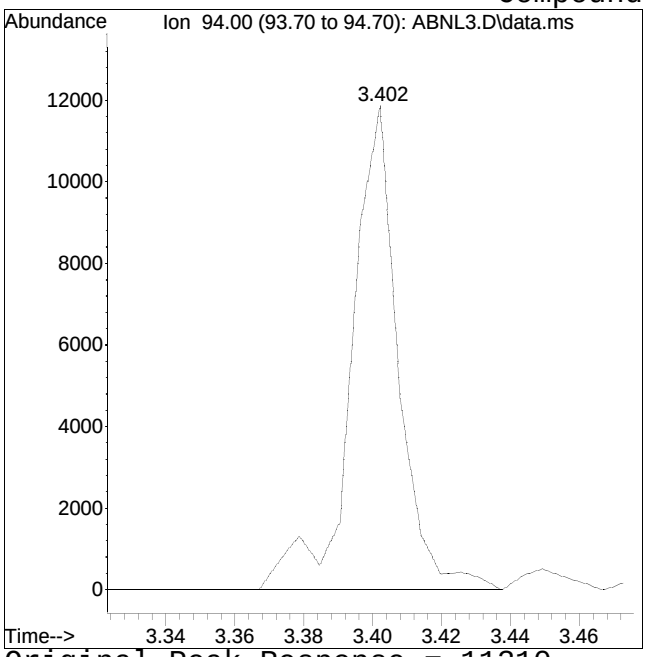
Sub List : ABNical - ABN ical sublistl\ABNL7.D•



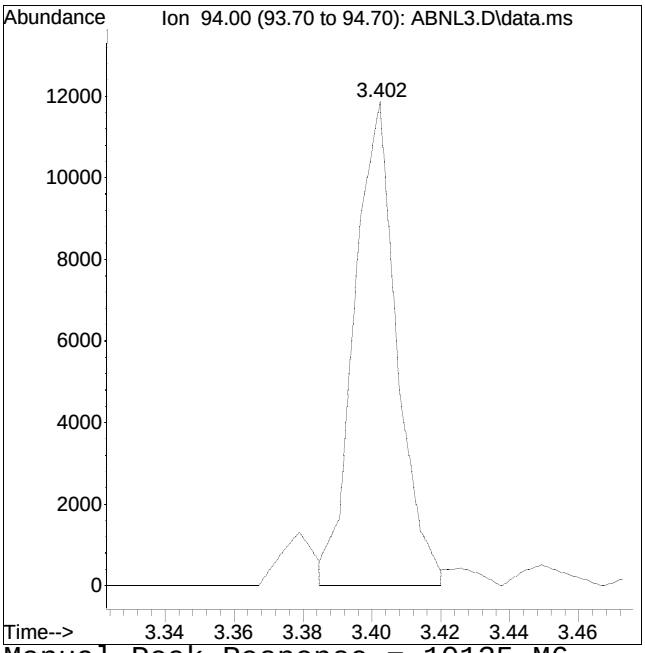
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL3.D Operator : MORK:jg
Date Inj'd : 12/9/2025 8:00 pm Instrument : Mork
Sample : IL8,32,,ABNL3 Lot# 12133 Quant Date : 12/10/2025 2:45 pm

Compound #8: Phenol



Original Peak Response = 11310



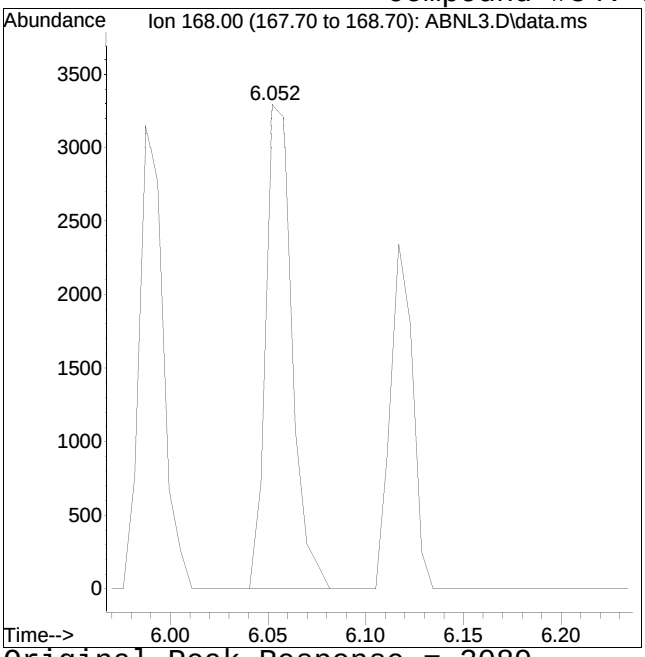
Manual Peak Response = 10135 M6

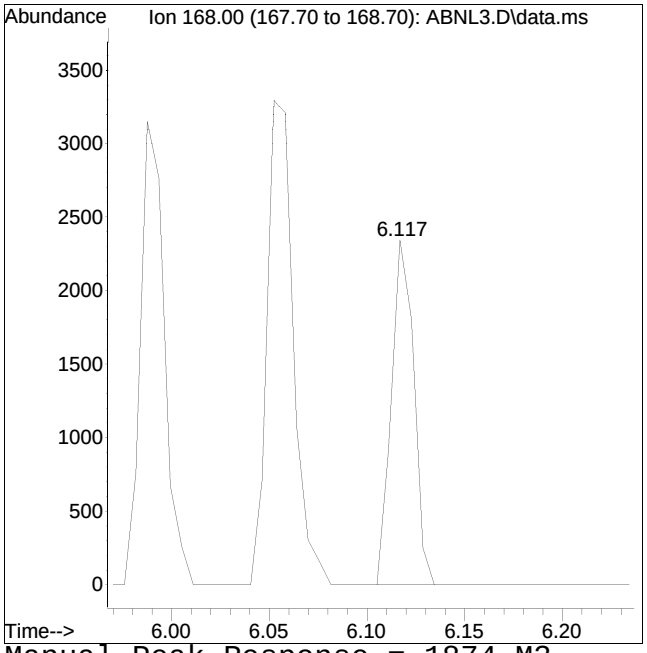
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL3.D Operator : MORK:jg
Date Inj'd : 12/9/2025 8:00 pm Instrument : Mork
Sample : IL8,32,,ABNL3 Lot# 12133 Quant Date : 12/10/2025 2:45 pm

Compound #54: 1,2-Dinitrobenzene





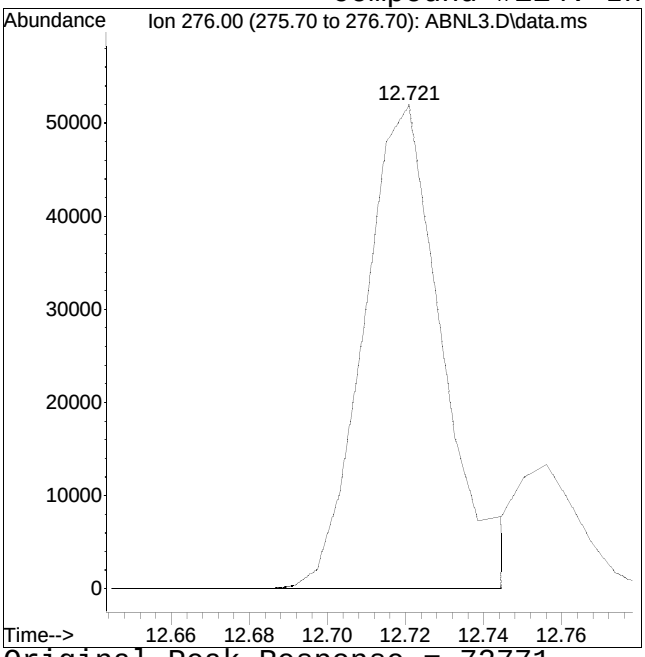
Original Peak Response = 3089 Manual Peak Response = 1874 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

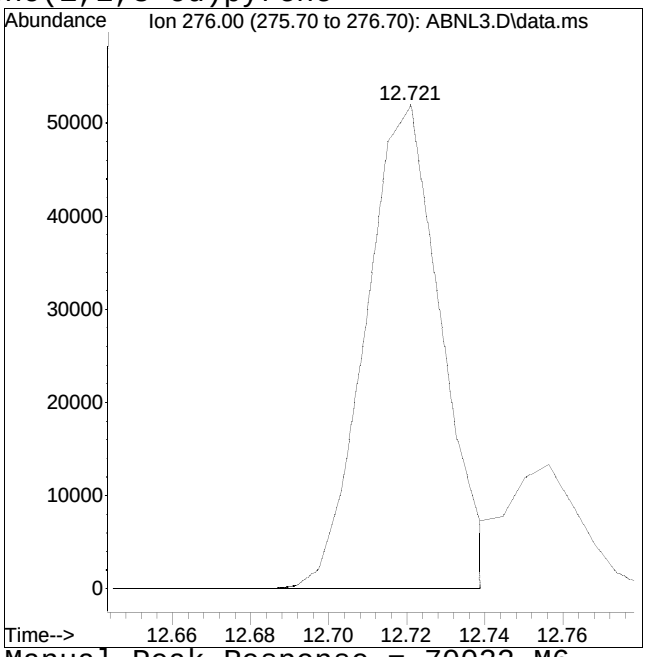
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL3.D Operator : MORK:jg
Date Inj'd : 12/9/2025 8:00 pm Instrument : Mork
Sample : IL8,32,,ABNL3 Lot# 12133 Quant Date : 12/10/2025 2:45 pm

Compound #114: Indeno(1,2,3-cd)pyrene



Original Peak Response = 72771



Manual Peak Response = 70032 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL2.D
Acq On : 9 Dec 2025 8:20 pm
Operator : MORK:jg
Sample : IL9,32,,ABNL2 Lot# 12134
Misc : WG2152654,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 10 15:10:45 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.649	152	96588	40.000	ug/ml	0.00
Standard Area 1 = 117810			Recovery = 81.99%			
35) IS1_Naphthalene-d8	4.724	136	328099	40.000	ug/ml	# 0.00
Standard Area 1 = 407331			Recovery = 80.55%			
63) IS1_Acenaphthene-d10	6.234	164	205254	40.000	ug/ml	0.00
Standard Area 1 = 261152			Recovery = 78.60%			
88) IS1_Phenanthrene-d10	7.509	188	466981	40.000	ug/ml	# 0.00
Standard Area 1 = 581810			Recovery = 80.26%			
104) IS1_Chrysene-d12	9.936	240	552522	40.000	ug/ml	#-0.01
Standard Area 1 = 706656			Recovery = 78.19%			
113) IS1_Perylene-d12	11.563	264	682729	40.000	ug/ml	0.00
Standard Area 1 = 833118			Recovery = 81.95%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.580	112	4221	1.643	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 3.29%#			
7) Phenol-d6	3.390	99	5806	1.732	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 3.46%#			
19) Nitrobenzene-d5	4.119	82	4813	1.611	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 6.44%#			
46) 2-Fluorobiphenyl	5.676	172	16961	2.181	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 8.72%#			
79) 2,4,6-Tribromophenol	6.916	330	3084	2.096	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 4.19%#			
96) 4-Terphenyl-d14	8.919	244	26293	2.013	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 8.05%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.475	74	2693	1.615	ug/ml#	94
3) Pyridine	1.528	79	4707	1.864	ug/ml#	83
5) Aniline	3.379	93	7586	1.806	ug/ml#	62
6) 2-Chlorophenol	3.473	128	5371	1.776	ug/ml	95
8) Phenol	3.402	94	5702M6	1.479	ug/ml	
9) Bis(2-chloroethyl)ether	3.449	93	4616	1.808	ug/ml	93
10) 1,3-Dichlorobenzene	3.596	146	7134	1.951	ug/ml	95
11) 1,4-Dichlorobenzene	3.661	146	7249M3	1.922	ug/ml	
12) 1,2-Dichlorobenzene	3.790	146	7213	1.986	ug/ml	94
13) Benzyl alcohol	3.790	79	3732	1.479	ug/ml	100
14) Bis(2-chloroisopropyl)...	3.908	45	5463	1.890	ug/ml#	81

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL2.D
Acq On : 9 Dec 2025 8:20 pm
Operator : MORK:jg
Sample : IL9,32,,ABNL2 Lot# 12134
Misc : WG2152654,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 10 15:10:45 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	3.908	108	4286	1.613	ug/ml	90
16) Hexachloroethane	4.072	117	2638	2.047	ug/ml#	54
17) n-Nitrosodi-n-propylamine	4.019	70	3415	1.598	ug/ml#	85
18) 3-Methylphenol/4-Methy...	4.043	108	4586	1.605	ug/ml#	93
20) Nitrobenzene	4.137	77	5441	1.791	ug/ml#	87
21) Isophorone	4.348	82	9197	1.605	ug/ml#	97
22) 2-Nitrophenol	4.413	139	2859	1.915	ug/ml#	96
23) 2,4-Dimethylphenol	4.489	107	5256	1.842	ug/ml	94
24) Bis(2-chloroethoxy)met...	4.560	93	5841	1.681	ug/ml#	92
25) 2,4-Dichlorophenol	4.630	162	5413	1.788	ug/ml	93
26) 1,2,4-Trichlorobenzene	4.689	180	7383	2.065	ug/ml	99
36) Naphthalene	4.742	128	17287	1.980	ug/ml	97
37) Benzoic Acid	4.548	105	2583	1.343	ug/ml#	1
38) 4-Chloroaniline	4.812	65	1694	1.711	ug/ml	93
39) Hexachlorobutadiene	4.877	225	4974	2.132	ug/ml	99
40) p-Chloro-m-cresol	5.265	107	4196	1.669	ug/ml	95
41) 2-Methylnaphthalene	5.347	142	10859	1.816	ug/ml	89
42) 1-Methylnaphthalene	5.423	115	3997	1.965	ug/ml	97
43) Hexachlorocyclopentadiene	5.494	237	3834	1.621	ug/ml#	92
44) 2,4,6-Trichlorophenol	5.606	196	4634	1.914	ug/ml	98
45) 2,4,5-Trichlorophenol	5.641	196	5489	2.175	ug/ml	95
47) 2-Chloronaphthalene	5.758	162	13473	2.087	ug/ml	97
48) 2-Nitroaniline	5.864	138	3300	1.850	ug/ml	98
49) 1,4-Dinitrobenzene	5.987	168	1434	1.830	ug/ml	86
50) 1,3-Dinitrobenzene	6.058	168	1562	1.721	ug/ml	97
51) Dimethyl phthalate	6.046	163	15915	2.065	ug/ml#	95
52) Acenaphthylene	6.111	152	21150	2.130	ug/ml	99
53) 2,6-Dinitrotoluene	6.081	165	2982	1.930	ug/ml	94
54) 1,2-Dinitrobenzene	6.117	168	1119	1.950	ug/ml	81
64) 3-Nitroaniline	6.217	138	2904	1.805	ug/ml#	47
65) Acenaphthene	6.264	154	12385	2.170	ug/ml	97
66) 2,4-Dinitrophenol	6.322	184	897	1.040	ug/ml#	65
67) Dibenzofuran	6.411	168	20143	2.141	ug/ml#	88
68) 2,4-Dinitrotoluene	6.428	165	4053	1.944	ug/ml	95
69) 4-Nitrophenol	6.411	65	1901	1.708	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	6.499	232	4482	1.894	ug/ml	91
71) 2,3,4,6-Tetrachlorophenol	6.540	232	4337	1.889	ug/ml	96
72) Diethyl phthalate	6.657	149	16078	2.135	ug/ml	98
73) Fluorene	6.704	166	15293	2.034	ug/ml	88
74) 4-Chlorophenyl phenyl ...	6.728	204	8322	2.134	ug/ml	97

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL2.D
Acq On : 9 Dec 2025 8:20 pm
Operator : MORK:jg
Sample : IL9,32,,ABNL2 Lot# 12134
Misc : WG2152654,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 10 15:10:45 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	6.740	138	2834	1.713	ug/ml#	81
76)	4,6-Dinitro-o-cresol	6.781	198	1868	1.648	ug/ml#	90
77)	NDPA/DPA	6.834	169	13625	2.152	ug/ml	94
78)	Azobenzene	6.863	77	11959	1.903	ug/ml#	96
80)	4-Bromophenyl phenyl e...	7.145	248	5760	2.076	ug/ml	97
81)	Hexachlorobenzene	7.186	284	7129	2.180	ug/ml	90
82)	Pentachlorophenol	7.368	266	2895	1.414	ug/ml	96
89)	Phenanthrene	7.527	178	26431	2.048	ug/ml	100
90)	Anthracene	7.568	178	26717	2.065	ug/ml	99
91)	Carbazole	7.727	167	25002	2.108	ug/ml	98
92)	Di-n-butylphthalate	8.085	149	27344	2.010	ug/ml	99
93)	Fluoranthene	8.555	202	32452	2.014	ug/ml#	89
94)	Benzidine	8.696	184	21319	2.295	ug/ml#	93
95)	Pyrene	8.743	202	34435	2.047	ug/ml	99
97)	Butyl benzyl phthalate	9.425	149	11796	2.115	ug/ml	90
105)	Benzo(a)anthracene	9.930	228	37939	2.044	ug/ml	99
106)	3,3'-Dichlorobenzidine	9.942	252	14995	2.195	ug/ml	99
107)	Chrysene	9.965	228	35010	2.029	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	10.089	149	18581	2.116	ug/ml#	92
109)	Di-n-octylphthalate	10.847	149	32096	2.152	ug/ml#	92
110)	Benzo(b)fluoranthene	11.134	252	37113	1.944	ug/ml#	92
111)	Benzo(k)fluoranthene	11.164	252	39065	2.170	ug/ml#	91
112)	Benzo(a)pyrene	11.493	252	37236	2.154	ug/ml#	92
114)	Indeno(1,2,3-cd)pyrene	12.715	276	39945	1.914	ug/mL#	83
115)	Dibenzo(a,h)anthracene	12.756	278	40270	2.037	ug/ml#	90
116)	Benzo(ghi)perylene	12.979	276	40110	2.093	ug/ml#	85

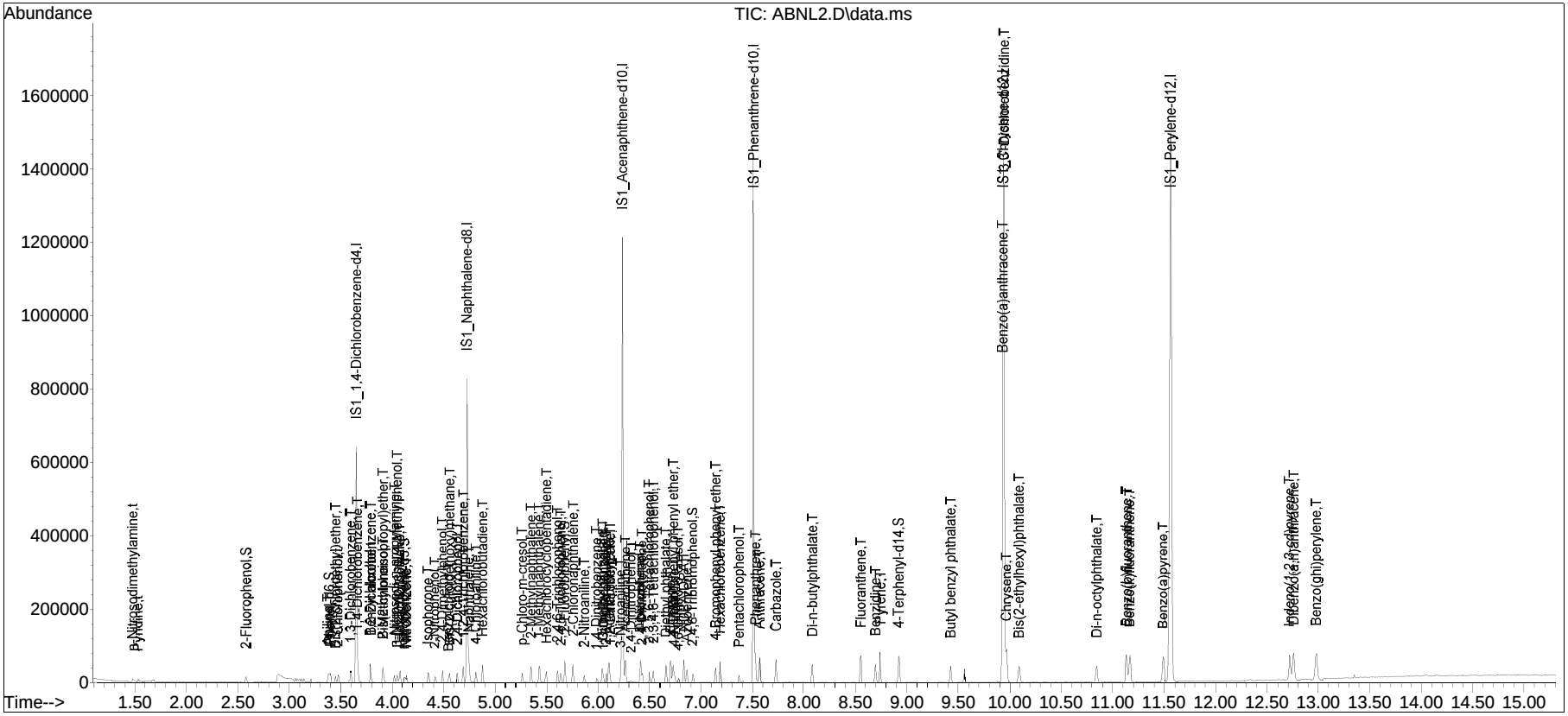
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL2.D
Acq On : 9 Dec 2025 8:20 pm
Operator : MORK:jg
Sample : IL9,32,,ABNL2 Lot# 12134
Misc : WG2152654,,
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 10 15:10:45 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

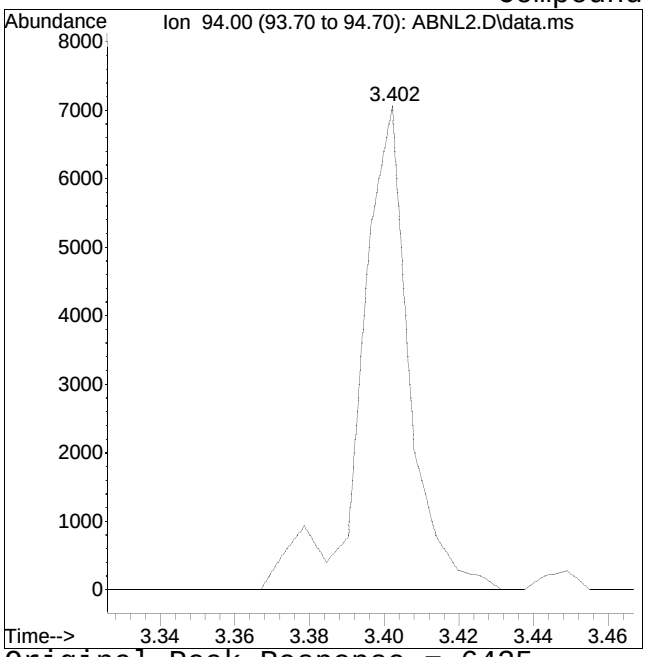
Sub List : ABNical - ABN ical sublistl\ABNL7.D•



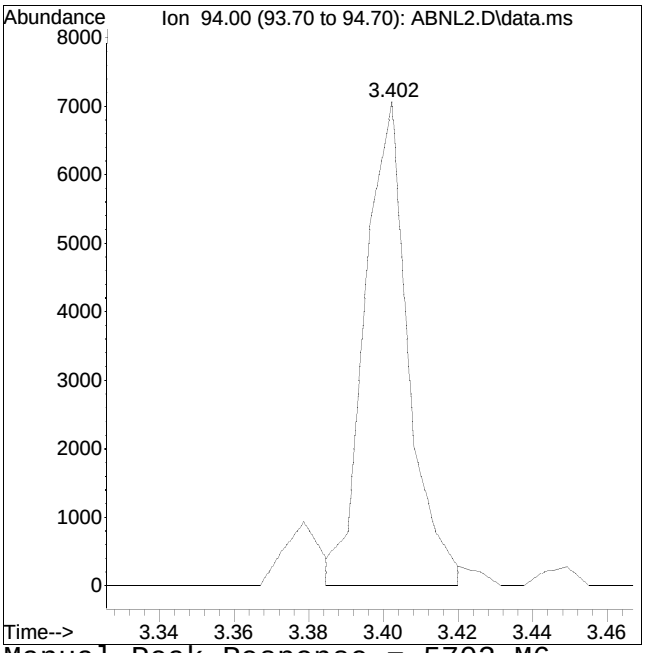
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL2.D Operator : MORK:jg
Date Inj'd : 12/9/2025 8:20 pm Instrument : Mork
Sample : IL9,32,,ABNL2 Lot# 12134 Quant Date : 12/10/2025 2:45 pm

Compound #8: Phenol



Original Peak Response = 6425



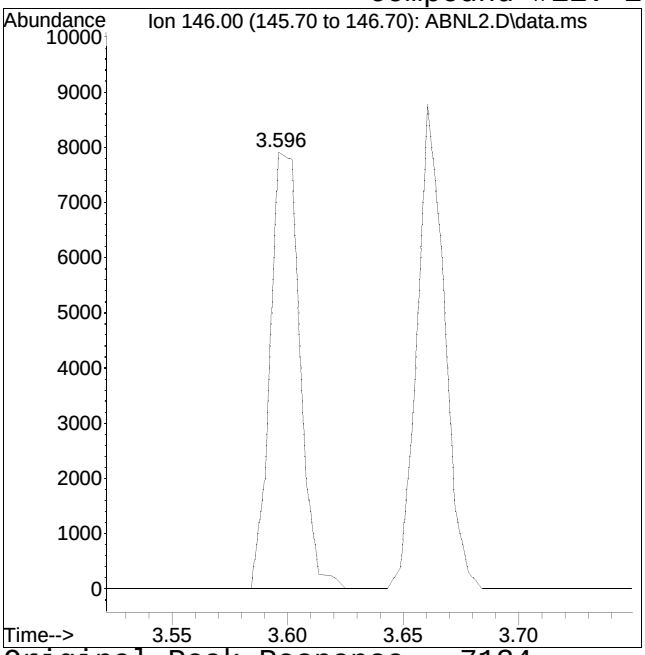
Manual Peak Response = 5702 M6

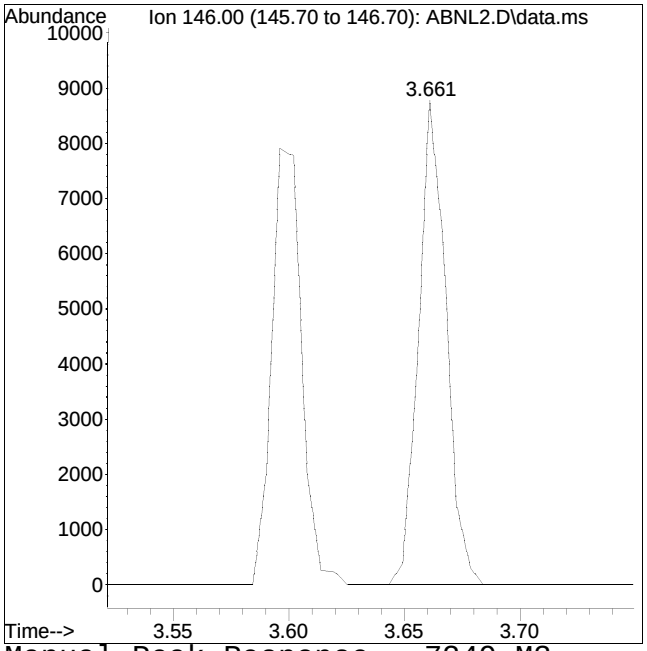
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL2.D Operator : MORK:jg
Date Inj'd : 12/9/2025 8:20 pm Instrument : Mork
Sample : IL9,32,,ABNL2 Lot# 12134 Quant Date : 12/10/2025 2:45 pm

Compound #11: 1,4-Dichlorobenzene





Original Peak Response = 7134 Manual Peak Response = 7249 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL1.D
Acq On : 9 Dec 2025 8:40 pm
Operator : MORK:jg
Sample : IL10,32,,ABNL1 Lot# 12135
Misc : WG2152654,,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 10 15:34:20 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 15:24:20 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) IS1_1,4-Dichlorobenzen...	3.649	152	97061	40.000 ug/ml	0.00
Standard Area 1 = 117810			Recovery =	82.39%	
35) IS1_Naphthalene-d8	4.724	136	324368	40.000 ug/ml	# 0.00
Standard Area 1 = 407331			Recovery =	79.63%	
63) IS1_Acenaphthene-d10	6.234	164	204066	40.000 ug/ml	0.00
Standard Area 1 = 261152			Recovery =	78.14%	
88) IS1_Phenanthrene-d10	7.509	188	461346	40.000 ug/ml	# 0.00
Standard Area 1 = 581810			Recovery =	79.29%	
104) IS1_Chrysene-d12	9.936	240	559878	40.000 ug/ml	#-0.01
Standard Area 1 = 706656			Recovery =	79.23%	
113) IS1_Perylene-d12	11.563	264	683975	40.000 ug/ml	0.00
Standard Area 1 = 833118			Recovery =	82.10%	
System Monitoring Compounds					
4) 2-Fluorophenol	2.580	112	2281	0.978 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery =	1.96%#	
7) Phenol-d6	3.390	99	2781	0.962 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery =	1.92%#	
19) Nitrobenzene-d5	4.125	82	2655	1.028 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	4.11%#	
46) 2-Fluorobiphenyl	5.676	172	8584	1.086 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	4.34%#	
79) 2,4,6-Tribromophenol	6.922	330	1662	1.016 ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery =	2.03%#	
96) 4-Terphenyl-d14	8.925	244	13302	1.052 ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	4.21%#	
Target Compounds					Qvalue
2) n-Nitrosodimethylamine	1.481	74	1273	0.885 ug/ml#	74
3) Pyridine	1.546	79	2587	1.015 ug/ml#	72
5) Aniline	3.379	93	4026	1.044 ug/ml#	61
6) 2-Chlorophenol	3.479	128	2922	1.047 ug/ml	93
8) Phenol	3.402	94	3129	1.040 ug/ml#	60
9) Bis(2-chloroethyl)ether	3.449	93	2244	1.016 ug/ml	98
10) 1,3-Dichlorobenzene	3.596	146	3794	1.084 ug/ml	94
11) 1,4-Dichlorobenzene	3.661	146	3702M3	1.057 ug/ml	
12) 1,2-Dichlorobenzene	3.790	146	3494	1.042 ug/ml	98
13) Benzyl alcohol	3.790	79	1739	0.831 ug/ml	90
14) Bis(2-chloroisopropyl)...	3.907	45	2982	1.048 ug/ml#	88

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL1.D
Acq On : 9 Dec 2025 8:40 pm
Operator : MORK:jg
Sample : IL10,32,,ABNL1 Lot# 12135
Misc : WG2152654,,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 10 15:34:20 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 15:24:20 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	3.907	108	2391	1.043	ug/ml	95
16) Hexachloroethane	4.072	117	1293	1.010	ug/ml#	45
17) n-Nitrosodi-n-propylamine	4.019	70	1824	1.023	ug/ml#	61
18) 3-Methylphenol/4-Methy...	4.043	108	2445	1.007	ug/ml#	97
20) Nitrobenzene	4.137	77	2723	1.035	ug/ml#	89
21) Isophorone	4.354	82	4690	0.995	ug/ml#	92
22) 2-Nitrophenol	4.413	139	1389	0.933	ug/ml#	84
23) 2,4-Dimethylphenol	4.489	107	2831	1.034	ug/ml	91
24) Bis(2-chloroethoxy)met...	4.560	93	3097	1.051	ug/ml#	92
25) 2,4-Dichlorophenol	4.630	162	2952	1.014	ug/ml#	94
26) 1,2,4-Trichlorobenzene	4.689	180	3545	1.001	ug/ml	99
36) Naphthalene	4.742	128	8685	1.083	ug/ml	98
37) Benzoic Acid	4.548	105	1246	0.642	ug/ml#	1
38) 4-Chloroaniline	4.812	65	765	0.891	ug/ml#	69
39) Hexachlorobutadiene	4.877	225	2427	1.046	ug/ml	98
40) p-Chloro-m-cresol	5.265	107	2333	1.016	ug/ml	93
41) 2-Methylnaphthalene	5.347	142	5982	1.104	ug/ml	98
42) 1-Methylnaphthalene	5.429	115	2139	1.081	ug/ml	89
43) Hexachlorocyclopentadiene	5.494	237	1571	0.640	ug/ml#	92
44) 2,4,6-Trichlorophenol	5.606	196	2444	1.003	ug/ml	96
45) 2,4,5-Trichlorophenol	5.641	196	2546	0.950	ug/ml	97
47) 2-Chloronaphthalene	5.758	162	6736	1.042	ug/ml	98
48) 2-Nitroaniline	5.864	138	1641	0.922	ug/ml	97
49) 1,4-Dinitrobenzene	5.987	168	615	0.746	ug/ml	80
50) 1,3-Dinitrobenzene	6.058	168	865	0.907	ug/ml	90
51) Dimethyl phthalate	6.046	163	8470	1.087	ug/ml#	96
52) Acenaphthylene	6.111	152	10881	1.070	ug/ml	96
53) 2,6-Dinitrotoluene	6.081	165	1571	0.987	ug/ml	89
54) 1,2-Dinitrobenzene	6.117	168	645	1.093	ug/ml	82
64) 3-Nitroaniline	6.222	138	1553	0.987	ug/ml#	1
65) Acenaphthene	6.264	154	6012	1.062	ug/ml	93
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	6.416	168	10908	1.145	ug/ml	90
68) 2,4-Dinitrotoluene	6.434	165	2132	0.977	ug/ml	87
69) 4-Nitrophenol	6.416	65	910	0.855	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	6.504	232	2253	0.968	ug/ml	91
71) 2,3,4,6-Tetrachlorophenol	6.540	232	2234	0.969	ug/ml	92
72) Diethyl phthalate	6.657	149	8063	1.066	ug/ml	96
73) Fluorene	6.710	166	7815	1.043	ug/ml#	80
74) 4-Chlorophenyl phenyl ...	6.728	204	4341	1.103	ug/ml	95

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL1.D
Acq On : 9 Dec 2025 8:40 pm
Operator : MORK:jg
Sample : IL10,32,,ABNL1 Lot# 12135
Misc : WG2152654,,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 10 15:34:20 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 15:24:20 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	6.739	138	1395	0.918	ug/ml#	90
76)	4,6-Dinitro-o-cresol	6.787	198	857	0.650	ug/ml#	38
77)	NDPA/DPA	6.834	169	7364	1.139	ug/ml	96
78)	Azobenzene	6.863	77	5994	1.068	ug/ml#	92
80)	4-Bromophenyl phenyl e...	7.145	248	2740	0.995	ug/ml	94
81)	Hexachlorobenzene	7.186	284	3618	1.068	ug/ml	96
82)	Pentachlorophenol	7.368	266	1378	0.741	ug/ml	91
89)	Phenanthrene	7.527	178	14427	1.157	ug/ml	98
90)	Anthracene	7.568	178	14234	1.135	ug/ml	99
91)	Carbazole	7.727	167	12537	1.086	ug/ml	98
92)	Di-n-butylphthalate	8.085	149	13954	1.055	ug/ml	98
93)	Fluoranthene	8.549	202	16425	1.052	ug/ml#	90
94)	Benzidine	8.696	184	10464	0.986	ug/ml#	87
95)	Pyrene	8.743	202	17438	1.069	ug/ml	99
97)	Butyl benzyl phthalate	9.425	149	6154	0.974	ug/ml	90
105)	Benzo(a)anthracene	9.930	228	21137	1.152	ug/ml	96
106)	3,3'-Dichlorobenzidine	9.942	252	8083	1.055	ug/ml	93
107)	Chrysene	9.965	228	19481	1.171	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	10.089	149	9717	1.028	ug/ml#	92
109)	Di-n-octylphthalate	10.847	149	16285	0.970	ug/ml#	94
110)	Benzo(b)fluoranthene	11.134	252	19631	0.984	ug/ml#	90
111)	Benzo(k)fluoranthene	11.164	252	20579	1.136	ug/ml#	88
112)	Benzo(a)pyrene	11.493	252	19151	1.029	ug/ml#	91
114)	Indeno(1,2,3-cd)pyrene	12.721	276	20541	0.981	ug/mL#	85
115)	Dibenzo(a,h)anthracene	12.756	278	20850	1.045	ug/ml#	92
116)	Benzo(ghi)perylene	12.979	276	20765	1.043	ug/ml#	86

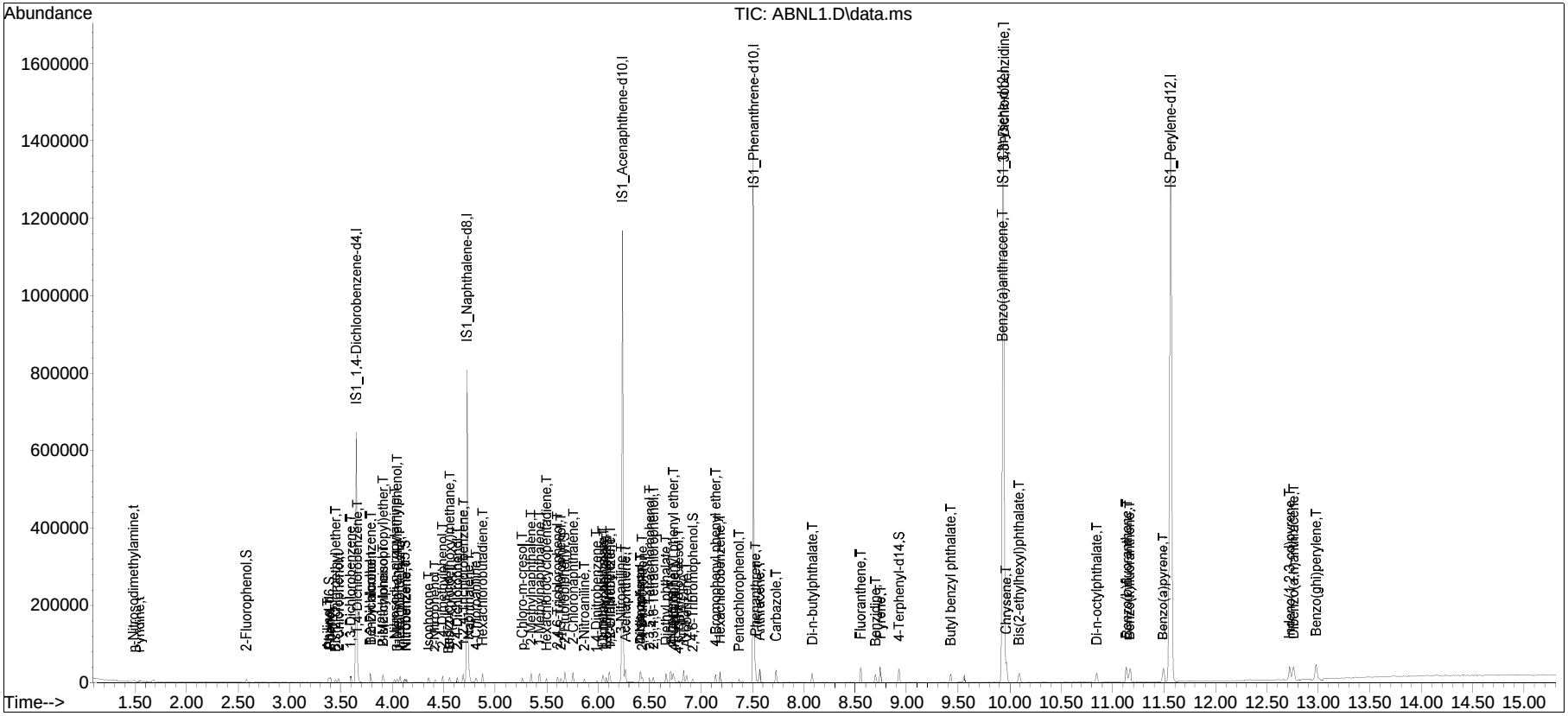
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNL1.D
Acq On : 9 Dec 2025 8:40 pm
Operator : MORK:jg
Sample : IL10,32,,ABNL1 Lot# 12135
Misc : WG2152654,,
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 10 15:34:20 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 15:24:20 2025
Response via : Initial Calibration

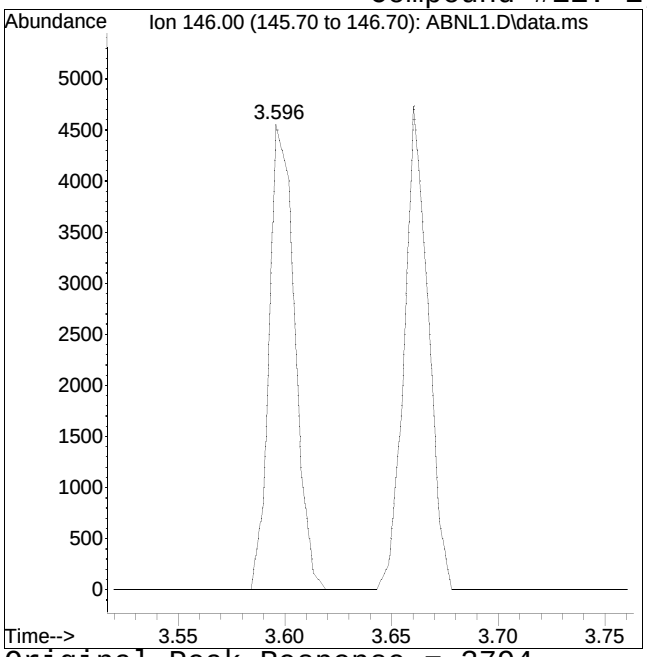
Sub List : ABNical - ABN ical sublistl\ABNL7.D•



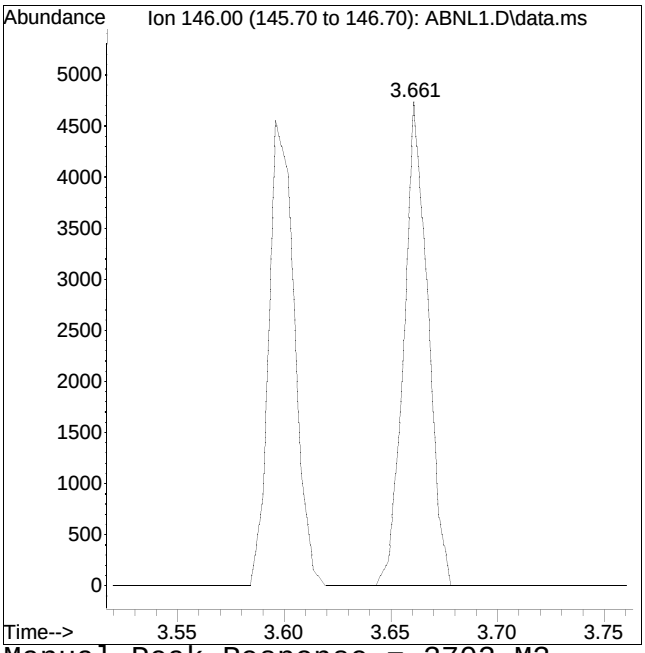
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNL1.D Operator : MORK:jg
Date Inj'd : 12/9/2025 8:40 pm Instrument : Mork
Sample : IL10,32,,ABNL1 Lot# 12135 Quant Date : 12/10/2025 3:33 pm

Compound #11: 1,4-Dichlorobenzene



Original Peak Response = 3794



Manual Peak Response = 3702 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L10.D
Acq On : 9 Dec 2025 9:00 pm
Operator : MORK:jg
Sample : IL11,32,,AP9L200 Lot# 12103
Misc : WG2152654,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 10 15:45:14 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.649	152	112251	40.000	ug/ml	0.00
Standard Area 1 = 115486			Recovery = 97.20%			
55) IS2_Naphthalene-d8	4.724	136	385260	40.000	ug/ml	# 0.00
Standard Area 1 = 377197			Recovery = 102.14%			
83) IS2_Acenaphthene-d10	6.234	164	244927	40.000	ug/ml	0.00
Standard Area 1 = 241476			Recovery = 101.43%			
98) IS2_Phenanthrene-d10	7.509	188	557013	40.000	ug/ml	# 0.00
Standard Area 1 = 560507			Recovery = 99.38%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.279	105	488723	175.044	ug/ml	97
29) Acetophenone	4.002	105	812087	164.040	ug/ml#	89
30) m-Toluidine	4.078	106	805326	173.424	ug/ml	99
31) 2-Chloroaniline	4.389	127	748060	170.988	ug/ml	97
56) a-Terpineol	4.795	59	406132	199.497	ug/ml	89
57) 3-Chloroaniline	4.807	65	236225	184.914	ug/ml	89
58) 2,6-Dichlorophenol	4.830	162	634971	203.553	ug/ml	94
59) 1-chloro-2-nitrobenzene	5.047	111	253611	189.479	ug/ml	95
60) Caprolactam	5.124	55	214447	202.609	ug/ml#	89
61) 1,2,4,5-Tetrachloroben...	5.500	216	884999	193.848	ug/ml	99
62) Biphenyl	5.764	154	1635296	179.852	ug/ml	97
84) Dichloran	7.257	206	308277	263.617	ug/ml	87
85) Pentachloronitrobenzene	7.380	237	310595	234.356	ug/ml#	90
99) Diphenamid	8.332	167	1362519	198.207	ug/ml#	72

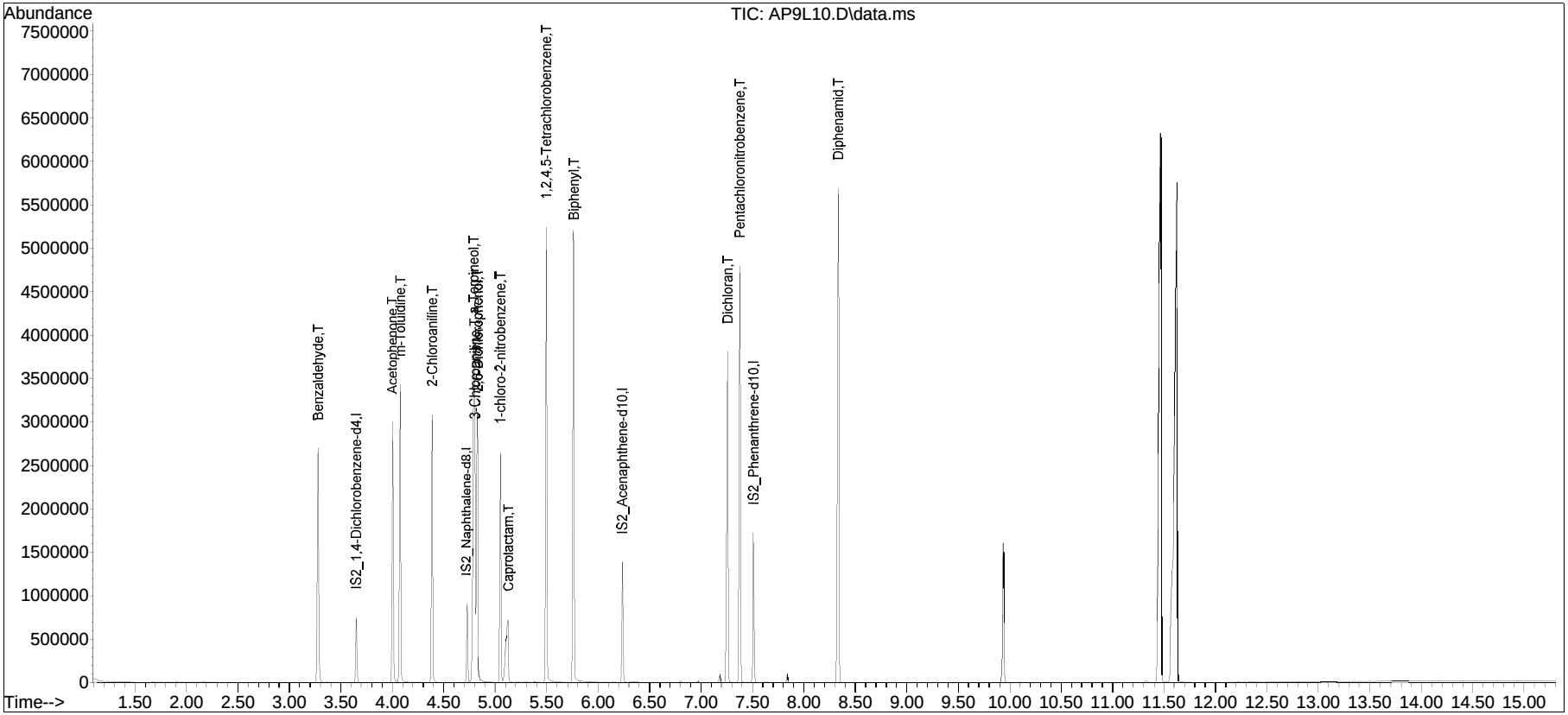
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L10.D
Acq On : 9 Dec 2025 9:00 pm
Operator : MORK:jg
Sample : IL11,32,,AP9L200 Lot# 12103
Misc : WG2152654,,
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 10 15:45:14 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistl\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: AP9L10.D	Operator	: MORK:jg
Date Inj'd	: 12/9/2025 9:00 pm	Instrument	: Mork
Sample	: IL11,32,,AP9L200 Lot# 1210	Quant Date	: 12/10/2025 2:57 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L9.D
Acq On : 9 Dec 2025 9:20 pm
Operator : MORK:jg
Sample : IL12,32,,AP9L150 Lot# 12104
Misc : WG2152654,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 10 16:09:13 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.649	152	113482	40.000	ug/ml	0.00
Standard Area 1 = 115486			Recovery = 98.26%			
55) IS2_Naphthalene-d8	4.724	136	380456	40.000	ug/ml	# 0.00
Standard Area 1 = 377197			Recovery = 100.86%			
83) IS2_Acenaphthene-d10	6.234	164	244447	40.000	ug/ml	0.00
Standard Area 1 = 241476			Recovery = 101.23%			
98) IS2_Phenanthrene-d10	7.509	188	547628	40.000	ug/ml	# 0.00
Standard Area 1 = 560507			Recovery = 97.70%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.279	105	364444	129.116	ug/ml	97
29) Acetophenone	4.002	105	609591	121.800	ug/ml#	88
30) m-Toluidine	4.072	106	603830	128.622	ug/ml	99
31) 2-Chloroaniline	4.384	127	561713	127.001	ug/ml	99
56) a-Terpineol	4.789	59	295782	147.127	ug/ml	89
57) 3-Chloroaniline	4.801	65	173157	137.256	ug/ml	92
58) 2,6-Dichlorophenol	4.824	162	473234	153.620	ug/ml#	93
59) 1-chloro-2-nitrobenzene	5.047	111	186252	140.910	ug/ml	94
60) Caprolactam	5.112	55	159495	152.593	ug/ml#	88
61) 1,2,4,5-Tetrachloroben...	5.500	216	652218	144.664	ug/ml	99
62) Biphenyl	5.758	154	1252379	139.478	ug/ml	97
84) Dichloran	7.257	206	228403	195.697	ug/ml	86
85) Pentachloronitrobenzene	7.380	237	228525	172.770	ug/ml#	90
99) Diphenamid	8.332	167	996795	147.490	ug/ml#	72

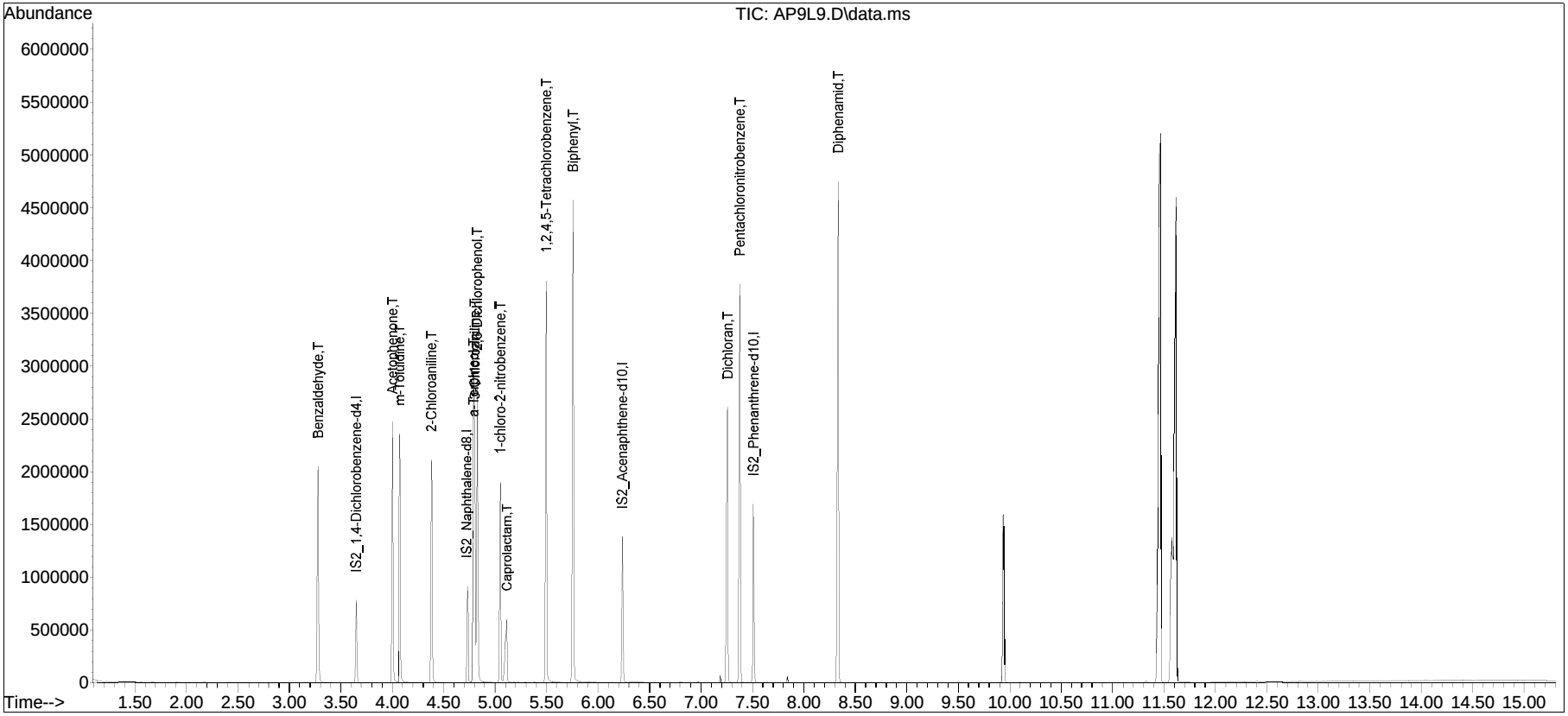
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L9.D
Acq On : 9 Dec 2025 9:20 pm
Operator : MORK:jg
Sample : IL12,32,,AP9L150 Lot# 12104
Misc : WG2152654,,
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Dec 10 16:09:13 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistl\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: AP9L9.D	Operator	: MORK:jg
Date Inj'd	: 12/9/2025 9:20 pm	Instrument	: Mork
Sample	: IL12,32,,AP9L150 Lot# 1210	Quant Date	: 12/10/2025 2:59 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L8.D
Acq On : 9 Dec 2025 9:40 pm
Operator : MORK:jg
Sample : IL13,32,,AP9L100 Lot# 12105
Misc : WG2152654,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 10 16:08:37 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.649	152	108158	40.000	ug/ml	0.00
Standard Area 1 = 115486			Recovery =	93.65%		
55) IS2_Naphthalene-d8	4.724	136	367462	40.000	ug/ml	# 0.00
Standard Area 1 = 377197			Recovery =	97.42%		
83) IS2_Acenaphthene-d10	6.234	164	234119	40.000	ug/ml	0.00
Standard Area 1 = 241476			Recovery =	96.95%		
98) IS2_Phenanthrene-d10	7.509	188	513349	40.000	ug/ml	# 0.00
Standard Area 1 = 560507			Recovery =	91.59%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.279	105	237576	88.312	ug/ml	96
29) Acetophenone	4.002	105	399363	83.723	ug/ml#	88
30) m-Toluidine	4.072	106	394542	88.179	ug/ml	99
31) 2-Chloroaniline	4.384	127	371594	88.152	ug/ml	99
56) a-Terpineol	4.789	59	190041	97.872	ug/ml	87
57) 3-Chloroaniline	4.801	65	112737	92.523	ug/ml	94
58) 2,6-Dichlorophenol	4.824	162	305553	102.695	ug/ml	95
59) 1-chloro-2-nitrobenzene	5.042	111	120721	94.562	ug/ml	94
60) Caprolactam	5.100	55	100317	99.370	ug/ml#	89
61) 1,2,4,5-Tetrachloroben...	5.500	216	432027	99.213	ug/ml	99
62) Biphenyl	5.758	154	812551	93.694	ug/ml	99
84) Dichloran	7.251	206	138937	124.294	ug/ml	86
85) Pentachloronitrobenzene	7.380	237	145452	114.816	ug/ml#	88
99) Diphenamid	8.326	167	640578	101.112	ug/ml#	71

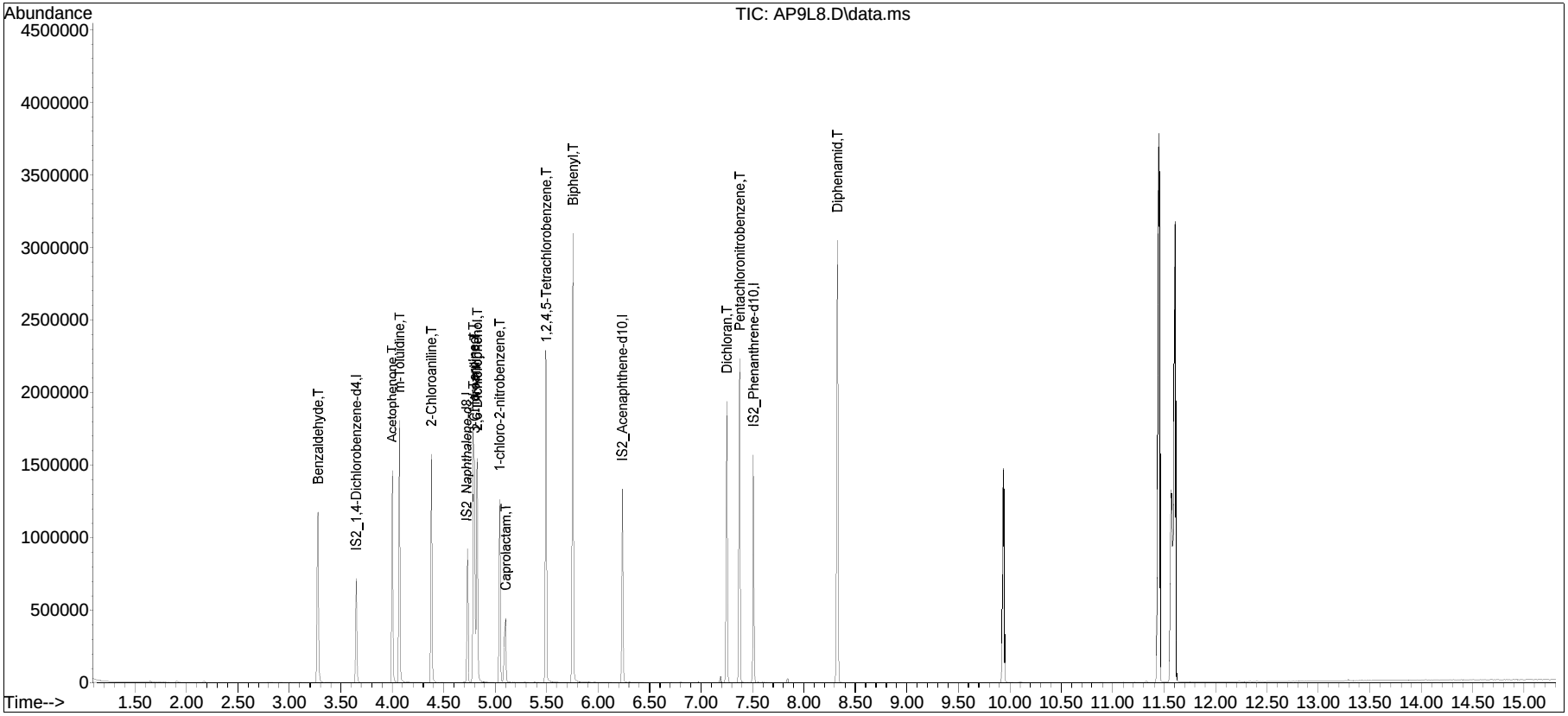
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L8.D
Acq On : 9 Dec 2025 9:40 pm
Operator : MORK:jg
Sample : IL13,32,,AP9L100 Lot# 12105
Misc : WG2152654,,
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Dec 10 16:08:37 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistl\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: AP9L8.D	Operator	: MORK:jg
Date Inj'd	: 12/9/2025 9:40 pm	Instrument	: Mork
Sample	: IL13,32,,AP9L100 Lot# 1210	Quant Date	: 12/10/2025 2:59 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L7.D
Acq On : 9 Dec 2025 10:00 pm
Operator : MORK:jg
Sample : IL14,32,,AP9L50 Lot# 12106
Misc : WG2152654,,
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 10 14:34:56 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:35:02 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.649	152	115486	40.000	ug/ml	0.00
Standard Area 1 = 115486			Recovery	= 100.00%		
55) IS2_Naphthalene-d8	4.724	136	377197	40.000	ug/ml	# 0.00
Standard Area 1 = 377197			Recovery	= 100.00%		
83) IS2_Acenaphthene-d10	6.234	164	241476	40.000	ug/ml	0.00
Standard Area 1 = 241476			Recovery	= 100.00%		
98) IS2_Phenanthrene-d10	7.509	188	560507	40.000	ug/ml	# 0.00
Standard Area 1 = 560507			Recovery	= 100.00%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.279	105	125185	43.581	ug/ml	95
29) Acetophenone	4.002	105	207282	40.698	ug/ml#	88
30) m-Toluidine	4.072	106	205555	43.026	ug/ml	99
31) 2-Chloroaniline	4.384	127	197281	43.830	ug/ml	100
56) a-Terpineol	4.783	59	102542	51.447	ug/ml	89
57) 3-Chloroaniline	4.795	65	57853	46.255	ug/ml	99
58) 2,6-Dichlorophenol	4.818	162	166683	54.576	ug/ml#	93
59) 1-chloro-2-nitrobenzene	5.042	111	62896	47.996	ug/ml	95
60) Caprolactam	5.089	55	53405	51.535	ug/ml#	90
61) 1,2,4,5-Tetrachloroben...	5.494	216	232727	52.066	ug/ml	100
62) Biphenyl	5.758	154	440176	49.446	ug/ml	99
84) Dichloran	7.251	206	72006	62.454	ug/ml	86
85) Pentachloronitrobenzene	7.374	237	75589	57.850	ug/ml#	89
99) Diphenamid	8.326	167	345521	49.950	ug/ml#	70

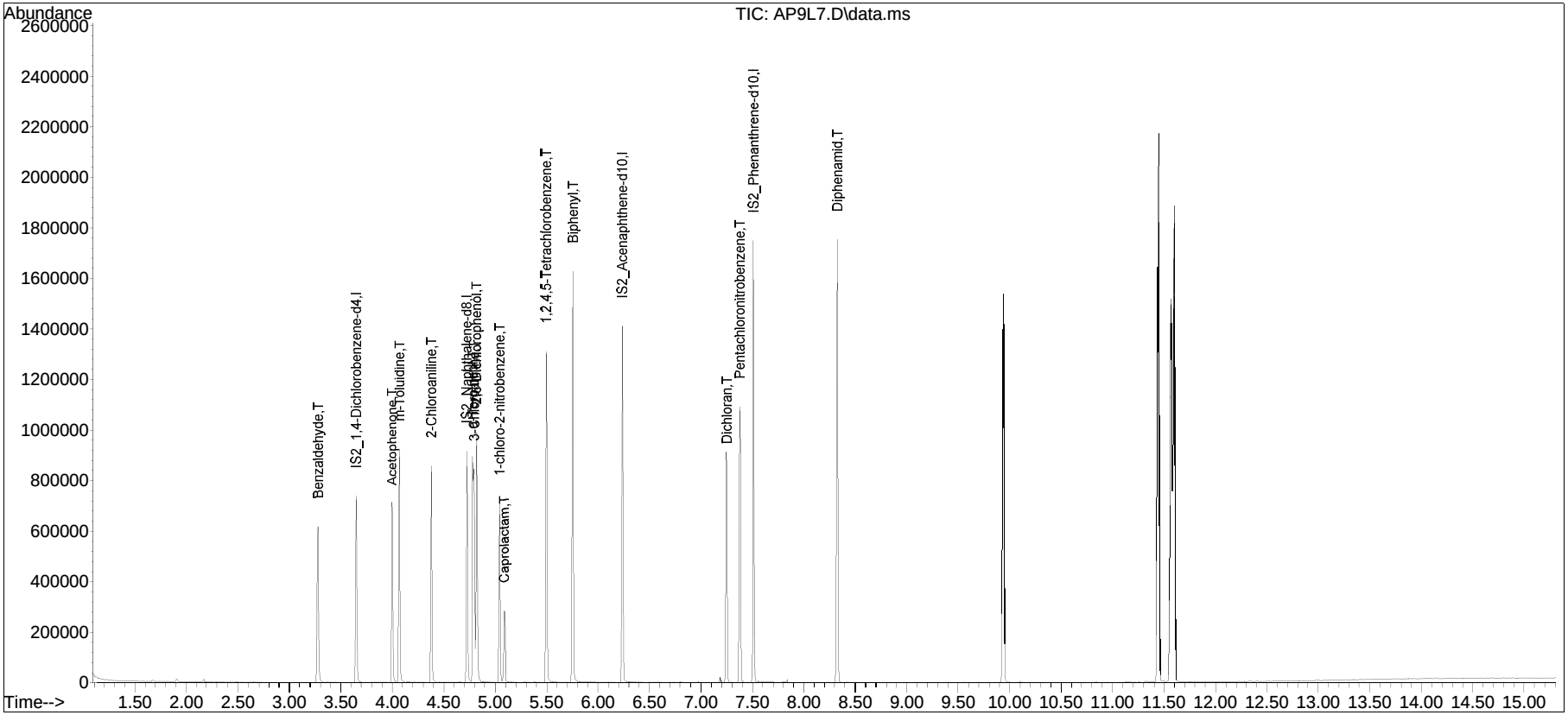
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L7.D
Acq On : 9 Dec 2025 10:00 pm
Operator : MORK:jg
Sample : IL14,32,,AP9L50 Lot# 12106
Misc : WG2152654,,
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 10 14:34:56 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:35:02 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistl\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: AP9L7.D	Operator	: MORK:jg
Date Inj'd	: 12/9/2025 10:00 pm	Instrument	: Mork
Sample	: IL14,32,,AP9L50 Lot# 12106	Quant Date	: 12/10/2025 2:35 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L6.D
Acq On : 9 Dec 2025 10:20 pm
Operator : MORK:jg
Sample : IL15,32,,AP9L25 Lot# 12107
Misc : WG2152654,,
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 10 16:07:29 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.649	152	113519	40.000	ug/ml	0.00
Standard Area 1 = 115486			Recovery =	98.30%		
55) IS2_Naphthalene-d8	4.724	136	374951	40.000	ug/ml	# 0.00
Standard Area 1 = 377197			Recovery =	99.40%		
83) IS2_Acenaphthene-d10	6.234	164	237931	40.000	ug/ml	0.00
Standard Area 1 = 241476			Recovery =	98.53%		
98) IS2_Phenanthrene-d10	7.509	188	542296	40.000	ug/ml	# 0.00
Standard Area 1 = 560507			Recovery =	96.75%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.279	105	60157	21.306	ug/ml	95
29) Acetophenone	4.002	105	101175	20.209	ug/ml#	87
30) m-Toluidine	4.072	106	101138	21.536	ug/ml	99
31) 2-Chloroaniline	4.383	127	98824	22.336	ug/ml	99
56) a-Terpineol	4.783	59	48503	24.480	ug/ml	87
57) 3-Chloroaniline	4.795	65	28293	22.756	ug/ml	98
58) 2,6-Dichlorophenol	4.818	162	81187	26.742	ug/ml#	92
59) 1-chloro-2-nitrobenzene	5.042	111	31149	23.912	ug/ml	93
60) Caprolactam	5.083	55	26019	25.259	ug/ml#	90
61) 1,2,4,5-Tetrachloroben...	5.494	216	111950	25.195	ug/ml	100
62) Biphenyl	5.758	154	224317	25.349	ug/ml	98
84) Dichloran	7.245	206	34285	30.180	ug/ml	84
85) Pentachloronitrobenzene	7.374	237	36741	28.538	ug/ml#	88
99) Diphenamid	8.326	167	172805	25.820	ug/ml#	69

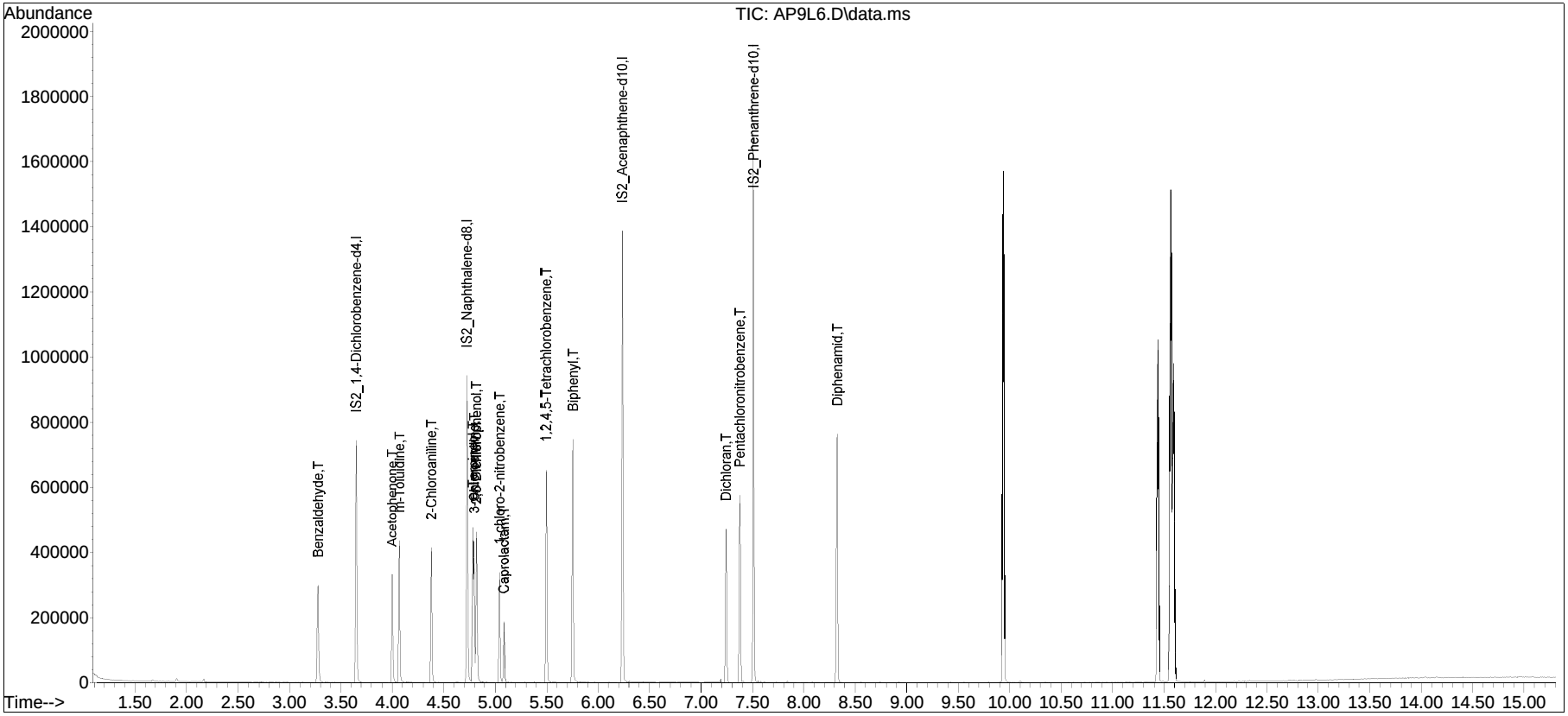
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L6.D
Acq On : 9 Dec 2025 10:20 pm
Operator : MORK:jg
Sample : IL15,32,,AP9L25 Lot# 12107
Misc : WG2152654,,
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Dec 10 16:07:29 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistl\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: AP9L6.D	Operator	: MORK:jg
Date Inj'd	: 12/9/2025 10:20 pm	Instrument	: Mork
Sample	: IL15,32,,AP9L25 Lot# 12107	Quant Date	: 12/10/2025 2:59 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L5.D
Acq On : 9 Dec 2025 10:40 pm
Operator : MORK:jg
Sample : IL16,32,,AP9L10 Lot# 12108
Misc : WG2152654,,
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 10 16:06:50 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.649	152	101072	40.000	ug/ml	0.00
Standard Area 1 = 115486			Recovery =	87.52%		
55) IS2_Naphthalene-d8	4.724	136	344400	40.000	ug/ml	# 0.00
Standard Area 1 = 377197			Recovery =	91.31%		
83) IS2_Acenaphthene-d10	6.234	164	220518	40.000	ug/ml	0.00
Standard Area 1 = 241476			Recovery =	91.32%		
98) IS2_Phenanthrene-d10	7.509	188	490403	40.000	ug/ml	# 0.00
Standard Area 1 = 560507			Recovery =	87.49%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.279	105	21778	8.663	ug/ml	94
29) Acetophenone	4.002	105	36348	8.154	ug/ml#	87
30) m-Toluidine	4.072	106	36964	8.840	ug/ml	98
31) 2-Chloroaniline	4.383	127	35627	9.044	ug/ml	99
56) a-Terpineol	4.783	59	18447	10.136	ug/ml	87
57) 3-Chloroaniline	4.795	65	9924	8.690	ug/ml	89
58) 2,6-Dichlorophenol	4.818	162	29727	10.660	ug/ml	98
59) 1-chloro-2-nitrobenzene	5.042	111	11187	9.350	ug/ml	94
60) Caprolactam	5.077	55	9088	9.605	ug/ml#	90
61) 1,2,4,5-Tetrachloroben...	5.494	216	41996	10.290	ug/ml	100
62) Biphenyl	5.758	154	83920	10.325	ug/ml	98
84) Dichloran	7.245	206	11816	11.223	ug/ml	85
85) Pentachloronitrobenzene	7.374	237	13007	10.901	ug/ml#	89
99) Diphenamid	8.326	167	63096	10.425	ug/ml#	69

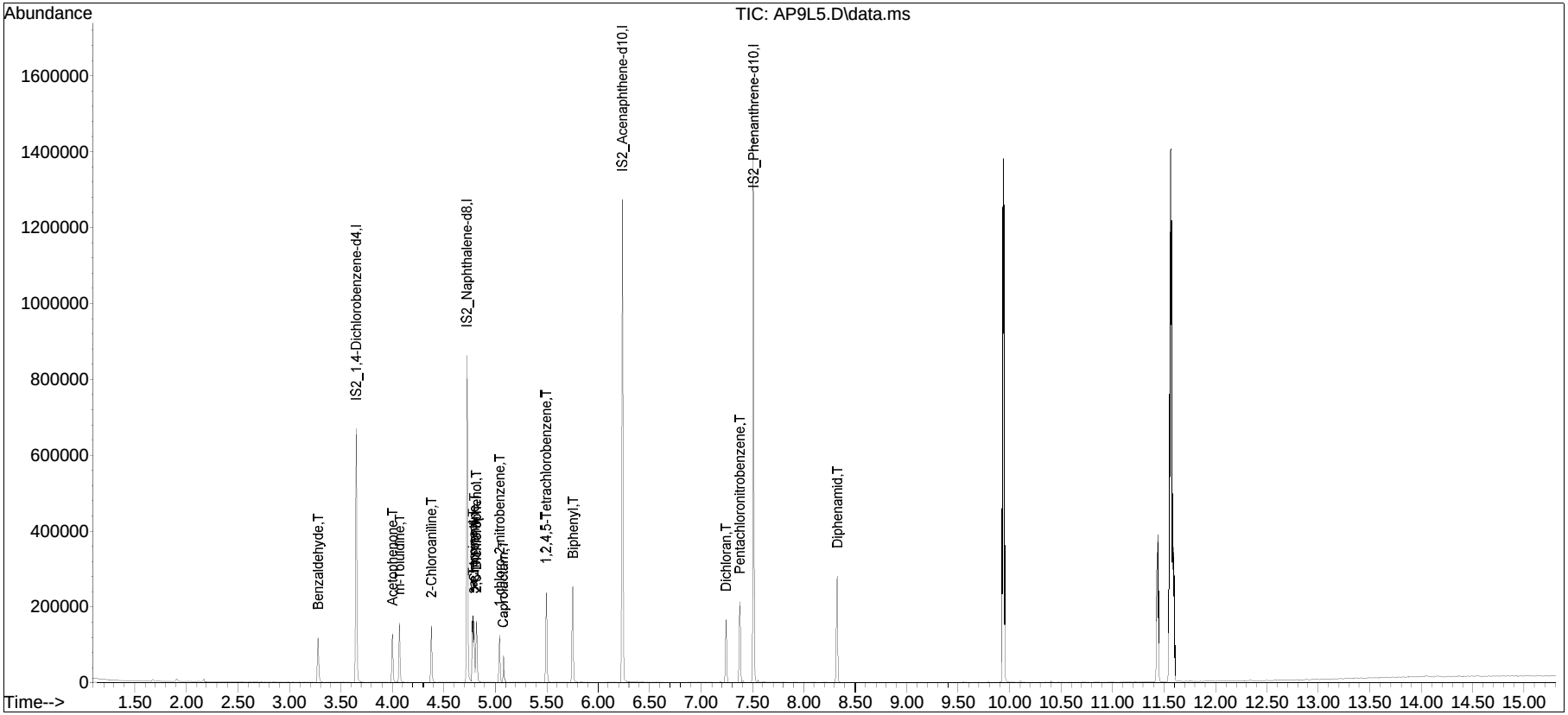
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L5.D
Acq On : 9 Dec 2025 10:40 pm
Operator : MORK:jg
Sample : IL16,32,,AP9L10 Lot# 12108
Misc : WG2152654,,
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 10 16:06:50 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistl\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: AP9L5.D	Operator	: MORK:jg
Date Inj'd	: 12/9/2025 10:40 pm	Instrument	: Mork
Sample	: IL16,32,,AP9L10 Lot# 12108	Quant Date	: 12/10/2025 2:58 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L4.D
Acq On : 9 Dec 2025 11:00 pm
Operator : MORK:jg
Sample : IL17,32,,AP9L5 Lot# 12109
Misc : WG2152654,,
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 10 15:47:11 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.649	152	120615	40.000	ug/ml	0.00
Standard Area 1 = 115486			Recovery = 104.44%			
55) IS2_Naphthalene-d8	4.724	136	406815	40.000	ug/ml	# 0.00
Standard Area 1 = 377197			Recovery = 107.85%			
83) IS2_Acenaphthene-d10	6.234	164	257042	40.000	ug/ml	0.00
Standard Area 1 = 241476			Recovery = 106.45%			
98) IS2_Phenanthrene-d10	7.509	188	573034	40.000	ug/ml	# 0.00
Standard Area 1 = 560507			Recovery = 102.23%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.279	105	12700	4.233	ug/ml	96
29) Acetophenone	4.002	105	21545	4.050	ug/ml#	86
30) m-Toluidine	4.072	106	20436	4.096	ug/ml	99
31) 2-Chloroaniline	4.383	127	20468	4.354	ug/ml	99
56) a-Terpineol	4.783	59	10304	4.793	ug/ml	87
57) 3-Chloroaniline	4.795	65	5726	4.245	ug/ml	96
58) 2,6-Dichlorophenol	4.818	162	16859	5.118	ug/ml	98
59) 1-chloro-2-nitrobenzene	5.042	111	6417	4.540	ug/ml	94
60) Caprolactam	5.077	55	5351	4.788	ug/ml#	91
61) 1,2,4,5-Tetrachloroben...	5.494	216	24124	5.004	ug/ml	100
62) Biphenyl	5.758	154	47803	4.979	ug/ml	98
84) Dichloran	7.245	206	6180	5.036	ug/ml	84
85) Pentachloronitrobenzene	7.374	237	7588	5.456	ug/ml#	87
99) Diphenamid	8.326	167	35047	4.956	ug/ml#	69

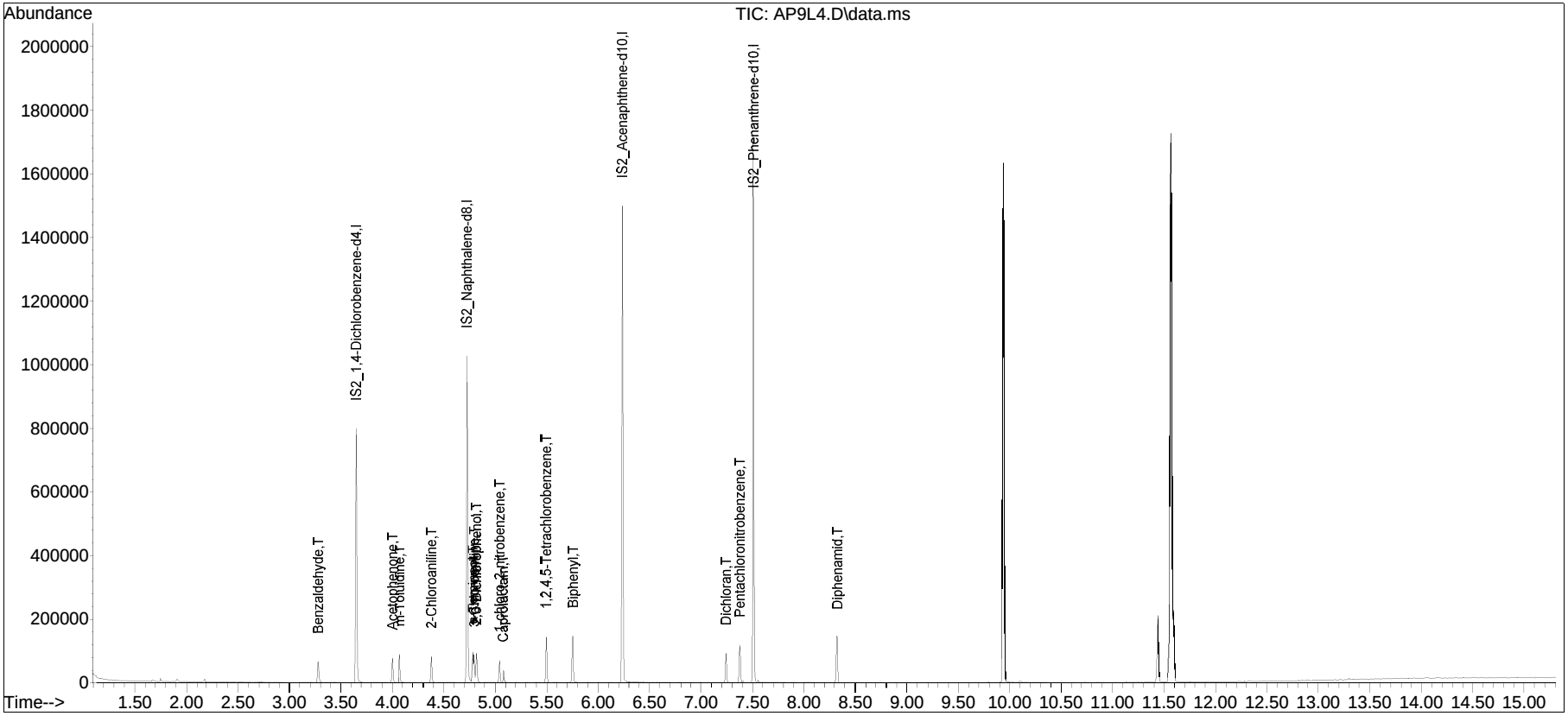
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L4.D
Acq On : 9 Dec 2025 11:00 pm
Operator : MORK:jg
Sample : IL17,32,,AP9L5 Lot# 12109
Misc : WG2152654,,
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 10 15:47:11 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistl\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: AP9L4.D	Operator	: MORK:jg
Date Inj'd	: 12/9/2025 11:00 pm	Instrument	: Mork
Sample	: IL17,32,,AP9L5 Lot# 12109	Quant Date	: 12/10/2025 2:58 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L3.D
Acq On : 9 Dec 2025 11:20 pm
Operator : MORK:jg
Sample : IL18,32,,AP9L3 Lot# 12110
Misc : WG2152654,,
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 10 15:46:34 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.649	152	108033	40.000	ug/ml	0.00
Standard Area 1 = 115486			Recovery = 93.55%			
55) IS2_Naphthalene-d8	4.724	136	352477	40.000	ug/ml	# 0.00
Standard Area 1 = 377197			Recovery = 93.45%			
83) IS2_Acenaphthene-d10	6.234	164	224131	40.000	ug/ml	0.00
Standard Area 1 = 241476			Recovery = 92.82%			
98) IS2_Phenanthrene-d10	7.509	188	510047	40.000	ug/ml	# 0.00
Standard Area 1 = 560507			Recovery = 91.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.279	105	6310	2.348	ug/ml	97
29) Acetophenone	4.001	105	11312	2.374	ug/ml#	85
30) m-Toluidine	4.072	106	10400	2.327	ug/ml	97
31) 2-Chloroaniline	4.383	127	10435	2.478	ug/ml	98
56) a-Terpineol	4.783	59	5391	2.894	ug/ml#	83
57) 3-Chloroaniline	4.795	65	3121	2.670	ug/ml	96
58) 2,6-Dichlorophenol	4.818	162	8670	3.038	ug/ml	98
59) 1-chloro-2-nitrobenzene	5.041	111	3370	2.752	ug/ml	93
60) Caprolactam	5.077	55	2896	2.991	ug/ml#	85
61) 1,2,4,5-Tetrachloroben...	5.494	216	12544	3.003	ug/ml	97
62) Biphenyl	5.758	154	25076	3.014	ug/ml	99
84) Dichloran	7.245	206	3274	3.059	ug/ml	87
85) Pentachloronitrobenzene	7.374	237	4050	3.339	ug/ml#	86
99) Diphenamid	8.320	167	19931	3.166	ug/ml#	68

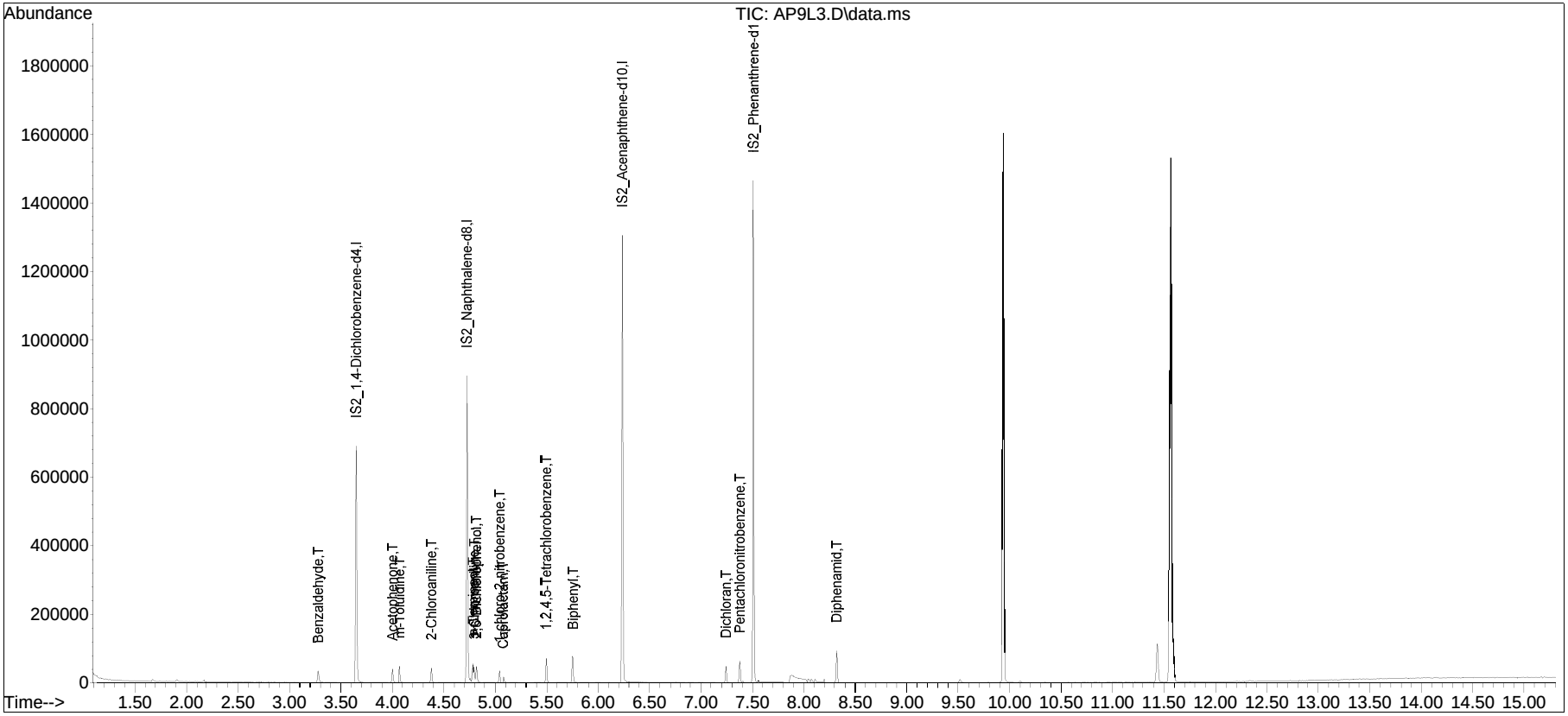
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L3.D
Acq On : 9 Dec 2025 11:20 pm
Operator : MORK:jg
Sample : IL18,32,,AP9L3 Lot# 12110
Misc : WG2152654,,
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 10 15:46:34 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistl\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: AP9L3.D	Operator	: MORK:jg
Date Inj'd	: 12/9/2025 11:20 pm	Instrument	: Mork
Sample	: IL18,32,,AP9L3 Lot# 12110	Quant Date	: 12/10/2025 2:58 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L2.D
Acq On : 9 Dec 2025 11:40 pm
Operator : MORK:jg
Sample : IL19,32,,AP9L2 Lot# 12111
Misc : WG2152654,,
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 10 15:45:56 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.649	152	104770	40.000	ug/ml	0.00
Standard Area 1 = 115486			Recovery =	90.72%		
55) IS2_Naphthalene-d8	4.724	136	348966	40.000	ug/ml	# 0.00
Standard Area 1 = 377197			Recovery =	92.52%		
83) IS2_Acenaphthene-d10	6.234	164	230217	40.000	ug/ml	0.00
Standard Area 1 = 241476			Recovery =	95.34%		
98) IS2_Phenanthrene-d10	7.509	188	516741	40.000	ug/ml	# 0.00
Standard Area 1 = 560507			Recovery =	92.19%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.279	105	4243	1.628	ug/ml	99
29) Acetophenone	4.001	105	7052	1.526	ug/ml#	86
30) m-Toluidine	4.072	106	6840	1.578	ug/ml	99
31) 2-Chloroaniline	4.383	127	6788	1.662	ug/ml	99
56) a-Terpineol	4.783	59	3295	1.787	ug/ml#	79
57) 3-Chloroaniline	4.795	65	2082	1.799	ug/ml	85
58) 2,6-Dichlorophenol	4.818	162	5811	2.057	ug/ml	94
59) 1-chloro-2-nitrobenzene	5.041	111	2060	1.699	ug/ml	91
60) Caprolactam	5.077	55	1858	1.938	ug/ml#	86
61) 1,2,4,5-Tetrachloroben...	5.494	216	8791	2.126	ug/ml	95
62) Biphenyl	5.758	154	15822	1.921	ug/ml	98
84) Dichloran	7.245	206	2056	1.870	ug/ml#	80
85) Pentachloronitrobenzene	7.374	237	2572	2.065	ug/ml#	83
99) Diphenamid	8.320	167	12216	1.916	ug/ml#	68

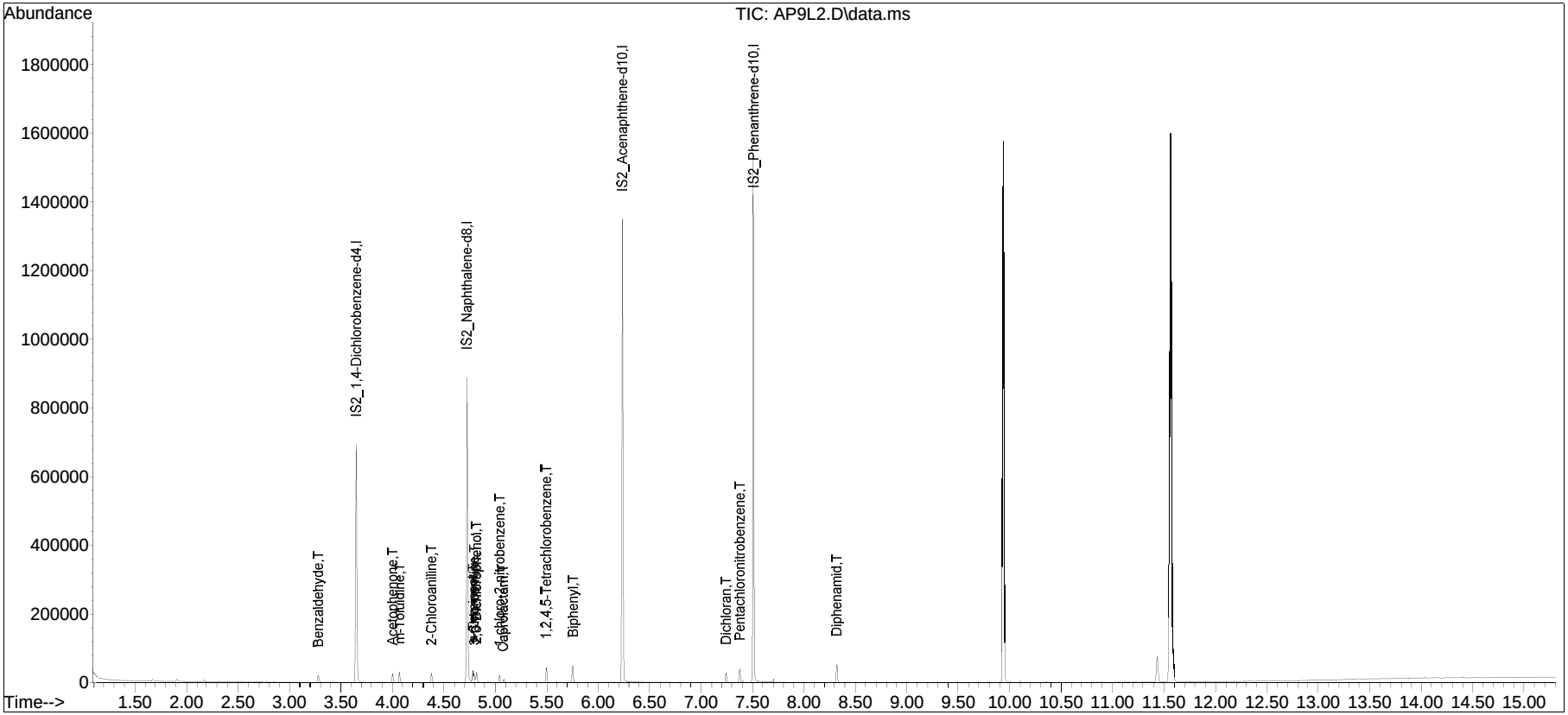
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L2.D
Acq On : 9 Dec 2025 11:40 pm
Operator : MORK:jg
Sample : IL19,32,,AP9L2 Lot# 12111
Misc : WG2152654,,
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 10 15:45:56 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistl\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: AP9L2.D	Operator	: MORK:jg
Date Inj'd	: 12/9/2025 11:40 pm	Instrument	: Mork
Sample	: IL19,32,,AP9L2 Lot# 12111	Quant Date	: 12/10/2025 2:58 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L1.D
Acq On : 10 Dec 2025 12:00 am
Operator : MORK:jg
Sample : IL20,32,,AP9L1 Lot# 12112
Misc : WG2152654,,
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 10 15:44:31 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.649	152	105201	40.000	ug/ml	0.00
Standard Area 1 = 115486			Recovery =	91.09%		
55) IS2_Naphthalene-d8	4.724	136	357741	40.000	ug/ml	# 0.00
Standard Area 1 = 377197			Recovery =	94.84%		
83) IS2_Acenaphthene-d10	6.234	164	230556	40.000	ug/ml	0.00
Standard Area 1 = 241476			Recovery =	95.48%		
98) IS2_Phenanthrene-d10	7.509	188	512887	40.000	ug/ml	# 0.00
Standard Area 1 = 560507			Recovery =	91.50%		
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.285	105	2075	0.793	ug/ml	99
29) Acetophenone	4.002	105	3590	0.774	ug/ml#	74
30) m-Toluidine	4.072	106	3352	0.770	ug/ml#	93
31) 2-Chloroaniline	4.384	127	3404	0.830	ug/ml	98
56) a-Terpineol	4.783	59	1790	0.947	ug/ml	99
57) 3-Chloroaniline	4.795	65	879	0.741	ug/ml	81
58) 2,6-Dichlorophenol	4.818	162	2966	1.024	ug/ml	93
59) 1-chloro-2-nitrobenzene	5.042	111	1100	0.885	ug/ml	92
60) Caprolactam	5.083	55	968	0.985	ug/ml#	49
61) 1,2,4,5-Tetrachloroben...	5.494	216	4116	0.971	ug/ml	97
62) Biphenyl	5.758	154	8240	0.976	ug/ml	98
84) Dichloran	7.245	206	913	0.829	ug/ml#	76
85) Pentachloronitrobenzene	7.374	237	1175	0.942	ug/ml#	87
99) Diphenamid	8.320	167	6047	0.955	ug/ml#	69

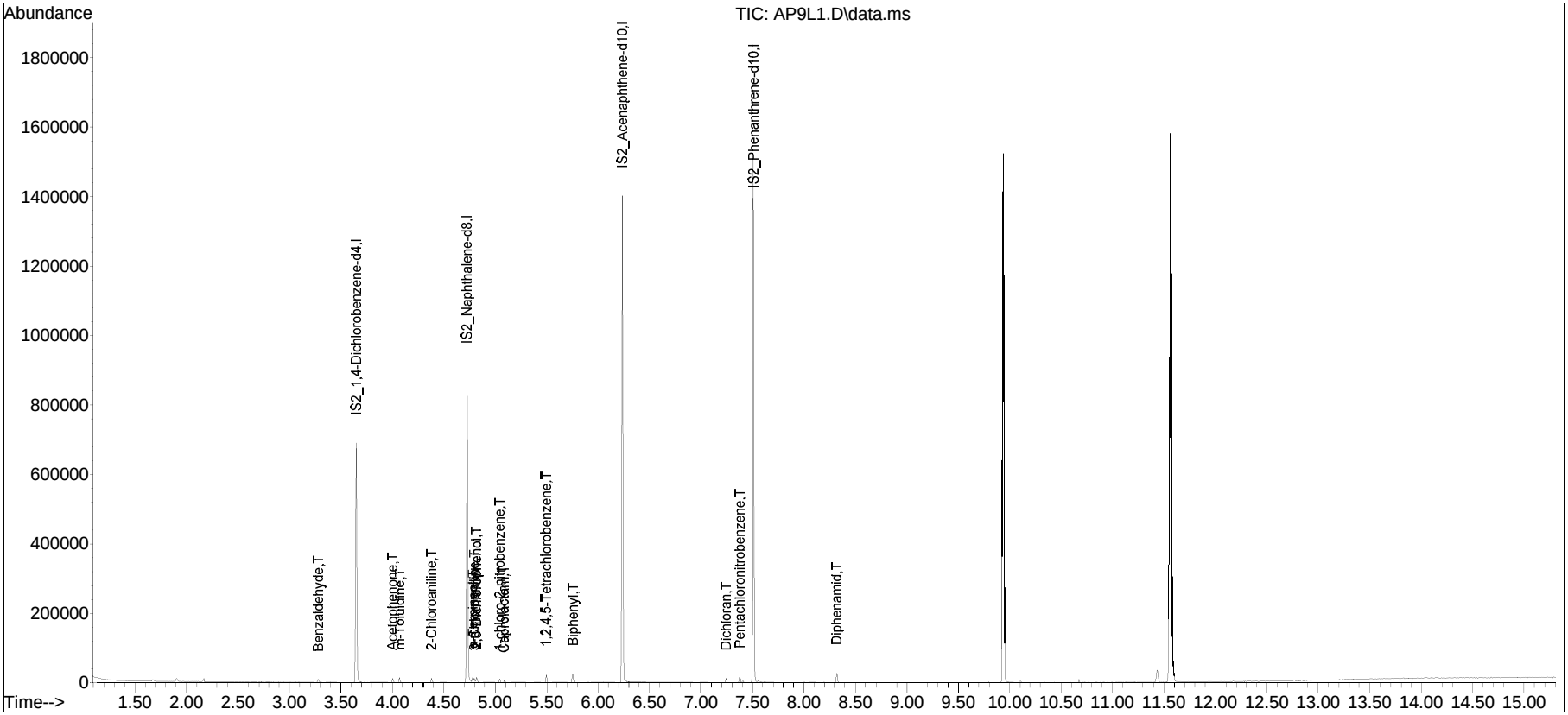
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9L1.D
Acq On : 10 Dec 2025 12:00 am
Operator : MORK:jg
Sample : IL20,32,,AP9L1 Lot# 12112
Misc : WG2152654,,
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 10 15:44:31 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistl\AP9L7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: AP9L1.D	Operator	: MORK:jg
Date Inj'd	: 12/10/2025 12:00 am	Instrument	: Mork
Sample	: IL20,32,,AP9L1 Lot# 12112	Quant Date	: 12/10/2025 2:57 pm

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\8270\Mork\251209ical\
Data File : ABNICV.D
Acq On : 10 Dec 2025 12:20 am
Operator : MORK:jg
Sample : CQICV1,32,,ABNICV Lot# 12049
Misc : WG2152654,,
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 11 12:54:09 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Dec 11 12:54:46 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	IS1_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
2	t	n-Nitrosodimethylamine	0.593	0.609	-2.7	90	0.00
3	t	Pyridine	1.050	1.106	-5.3	93	0.00
4	S	2-Fluorophenol	0.961	0.971	-1.0	89	0.00
5	T	Aniline	1.590	1.485	6.6	81	0.00
6	t	2-Chlorophenol	1.150	1.113	3.2	84	0.00
7	S	Phenol-d6	1.192	1.186	0.5	85	0.00
8	T	Phenol	1.240	1.238	0.2	86	0.00
9	T	Bis(2-chloroethyl)ether	0.910	0.859	5.6	86	0.00
10	T	1,3-Dichlorobenzene	1.442	1.393	3.4	87	0.00
11	T	1,4-Dichlorobenzene	1.443	1.447	-0.3	90	0.00
12	T	1,2-Dichlorobenzene	1.382	1.353	2.1	89	0.00
13	t	Benzyl alcohol	0.863	0.875	-1.4	84	0.00
14	T	Bis(2-chloroisopropyl)ether	1.173	1.098	6.4	82	0.00
15	T	2-Methylphenol	0.945	0.928	1.8	83	0.00
16	T	Hexachloroethane	0.528	0.505	4.4	85	0.00
17	T	n-Nitrosodi-n-propylamine	0.735	0.710	3.4	84	0.00
18	T	3-Methylphenol/4-Methylphen	1.001	1.007	-0.6	86	0.00
19	S	Nitrobenzene-d5	1.065	1.027	3.6	84	0.00
20	T	Nitrobenzene	1.084	1.039	4.2	84	0.00
21	T	Isophorone	1.943	1.861	4.2	83	0.00
22	T	2-Nitrophenol	0.613	0.610	0.5	85	0.00
23	T	2,4-Dimethylphenol	1.128	1.108	1.8	85	0.00
24	T	Bis(2-chloroethoxy)methane	1.215	1.171	3.6	84	0.00
25	T	2,4-Dichlorophenol	1.200	1.217	-1.4	85	0.00
26	T	1,2,4-Trichlorobenzene	1.459	1.446	0.9	88	0.00
35	I	IS1_Naphthalene-d8	1.000	1.000	0.0	87	0.00
36	T	Naphthalene	0.989	0.975	1.4	88	0.00
37	T	Benzoic Acid	0.239	0.234	2.1	82	0.00
38	T	4-Chloroaniline	0.106	0.106	0.0	83	0.00
39	T	Hexachlorobutadiene	0.286	0.278	2.8	87	0.00
40	T	p-Chloro-m-cresol	0.283	0.284	-0.4	85	0.00
41	T	2-Methylnaphthalene	0.668	0.666	0.3	86	0.00
42	T	1-Methylnaphthalene	0.244	0.238	2.5	86	0.00
43	T	Hexachlorocyclopentadiene	0.315	0.342	-8.6	85	0.00
44	T	2,4,6-Trichlorophenol	0.301	0.304	-1.0	86	0.00
45	T	2,4,5-Trichlorophenol	0.331	0.343	-3.6	87	0.00
46	S	2-Fluorobiphenyl	0.975	0.970	0.5	88	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\Mork\251209ical\
Data File : ABNICV.D
Acq On : 10 Dec 2025 12:20 am
Operator : MORK:jg
Sample : CQICV1,32,,ABNICV Lot# 12049
Misc : WG2152654,,
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 11 12:54:09 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Dec 11 12:54:46 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47	T	2-Chloronaphthalene	0.797	0.803	-0.8	88	0.00
48	T	2-Nitroaniline	0.220	0.232	-5.5	87	0.00
49	T	1,4-Dinitrobenzene	0.102	0.112	-9.8	88	0.00
50	T	1,3-Dinitrobenzene	0.118	0.122	-3.4	85	0.00
51	T	Dimethyl phthalate	0.961	0.946	1.6	87	0.00
52	T	Acenaphthylene	1.254	1.286	-2.6	90	0.00
53	T	2,6-Dinitrotoluene	0.196	0.199	-1.5	87	0.00
54	T	1,2-Dinitrobenzene	0.073	0.076	-4.1	89	0.00
63	I	IS1_Acenaphthene-d10	1.000	1.000	0.0	86	0.00
64	T	3-Nitroaniline	0.308	0.321	-4.2	89	0.00
65	T	Acenaphthene	1.109	1.096	1.2	89	0.00
66	T	2,4-Dinitrophenol	0.198	0.201	-1.5	84	0.00
67	T	Dibenzofuran	1.868	1.864	0.2	89	0.00
68	T	2,4-Dinitrotoluene	0.428	0.448	-4.7	88	0.00
69	T	4-Nitrophenol	0.209	0.220	-5.3	86	0.00
70	T	2,3,5,6-Tetrachlorophenol	0.456	0.474	-3.9	86	0.00
71	T	2,3,4,6-Tetrachlorophenol	0.452	0.474	-4.9	89	0.00
72	T	Diethyl phthalate	1.483	1.493	-0.7	88	0.00
73	T	Fluorene	1.469	1.493	-1.6	87	0.00
74	T	4-Chlorophenyl phenyl ether	0.771	0.759	1.6	86	0.00
75	T	4-Nitroaniline	0.298	0.323	-8.4	91	0.00
76	T	4,6-Dinitro-o-cresol	0.258	0.292	-13.2	87	0.00
77	T	NDPA/DPA	1.267	1.283	-1.3	91	0.00
78	T	Azobenzene	1.100	1.069	2.8	85	0.00
79	S	2,4,6-Tribromophenol	0.321	0.336	-4.7	90	0.00
80	T	4-Bromophenyl phenyl ether	0.540	0.542	-0.4	87	0.00
81	T	Hexachlorobenzene	0.664	0.681	-2.6	90	0.00
82	T	Pentachlorophenol	0.364	0.417	-14.6	90	0.00
88	I	IS1_Phenanthrene-d10	1.000	1.000	0.0	91	0.00
89	T	Phenanthrene	1.081	1.031	4.6	89	0.00
90	T	Anthracene	1.088	1.059	2.7	90	0.00
91	T	Carbazole	1.001	0.981	2.0	91	0.00
92	T	Di-n-butylphthalate	1.147	1.115	2.8	87	0.00
93	T	Fluoranthene	1.353	1.326	2.0	89	0.00
94	T	Benzidine	0.920	0.900	2.2	86	0.00
95	T	Pyrene	1.414	1.378	2.5	89	0.00
96	S	4-Terphenyl-d14	1.096	1.093	0.3	90	0.00

Evaluate Continuing Calibration Report

Data Path : I:\8270\Mork\251209ical\
Data File : ABNICV.D
Acq On : 10 Dec 2025 12:20 am
Operator : MORK:jg
Sample : CQICV1,32,,ABNICV Lot# 12049
Misc : WG2152654,,
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 11 12:54:09 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Dec 11 12:54:46 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
97	T	Butyl benzyl phthalate	0.548	0.551	-0.5	87	0.00
104	I	IS1_Chrysene-d12	1.000	1.000	0.0	91	0.00
105	T	Benzo(a)anthracene	1.311	1.251	4.6	90	0.00
106	T	3,3'-Dichlorobenzidine	0.548	0.528	3.6	87	0.00
107	T	Chrysene	1.189	1.167	1.9	92	0.00
108	T	Bis(2-ethylhexyl)phthalate	0.675	0.683	-1.2	91	0.00
109	T	Di-n-octylphthalate	1.200	1.218	-1.5	90	0.00
110	T	Benzo(b)fluoranthene	1.426	1.381	3.2	92	0.00
111	T	Benzo(k)fluoranthene	1.294	1.307	-1.0	91	0.00
112	T	Benzo(a)pyrene	1.330	1.358	-2.1	95	0.00
113	I	IS1_Perylene-d12	1.000	1.000	0.0	95	0.00
114	T	Indeno(1,2,3-cd)pyrene	1.220	1.219	0.1	95	0.00
115	T	Dibenzo(a,h)anthracene	1.166	1.203	-3.2	96	0.00
116	T	Benzo(ghi)perylene	1.164	1.140	2.1	93	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNICV.D
Acq On : 10 Dec 2025 12:20 am
Operator : MORK:jg
Sample : CQICV1,32,,ABNICV Lot# 12049
Misc : WG2152654,,
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 11 12:54:09 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Dec 11 12:54:46 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) IS1_1,4-Dichlorobenzen...	3.649	152	104908	40.000	ug/ml	0.00
Standard Area 1 = 117810			Recovery = 89.05%			
35) IS1_Naphthalene-d8	4.730	136	354314	40.000	ug/ml	# 0.00
Standard Area 1 = 407331			Recovery = 86.98%			
63) IS1_Acenaphthene-d10	6.240	164	225386	40.000	ug/ml	0.00
Standard Area 1 = 261152			Recovery = 86.30%			
88) IS1_Phenanthrene-d10	7.509	188	528400	40.000	ug/ml	# 0.00
Standard Area 1 = 581810			Recovery = 90.82%			
104) IS1_Chrysene-d12	9.942	240	646021	40.000	ug/ml	# 0.00
Standard Area 1 = 706656			Recovery = 91.42%			
113) IS1_Perylene-d12	11.569	264	793921	40.000	ug/ml	0.00
Standard Area 1 = 833118			Recovery = 95.30%			
System Monitoring Compounds						
4) 2-Fluorophenol	2.574	112	127342	50.518	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 101.04%			
7) Phenol-d6	3.391	99	155472	49.746	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 99.49%			
19) Nitrobenzene-d5	4.119	82	134723	48.244	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 192.98%#			
46) 2-Fluorobiphenyl	5.676	172	429663	49.758	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 199.03%#			
79) 2,4,6-Tribromophenol	6.922	330	94571	52.366	ug/ml	0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 104.73%			
96) 4-Terphenyl-d14	8.925	244	721824	49.843	ug/ml	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 199.37%#			
Target Compounds						Qvalue
2) n-Nitrosodimethylamine	1.469	74	79840	51.349	ug/ml	97
3) Pyridine	1.493	79	145035	52.671	ug/ml#	80
5) Aniline	3.379	93	194681	46.698	ug/ml#	67
6) 2-Chlorophenol	3.473	128	145929	48.384	ug/ml	98
8) Phenol	3.402	94	162332M6	49.906	ug/ml	
9) Bis(2-chloroethyl)ether	3.449	93	112683	47.198	ug/ml	99
10) 1,3-Dichlorobenzene	3.596	146	182733	48.314	ug/ml	98
11) 1,4-Dichlorobenzene	3.661	146	189815	50.141	ug/ml	99
12) 1,2-Dichlorobenzene	3.790	146	177414	48.955	ug/ml	98
13) Benzyl alcohol	3.784	79	114758	50.709	ug/ml	96
14) Bis(2-chloroisopropyl)...	3.908	45	143989	46.798	ug/ml#	88

Data Path : I:\8270\Mork\251209ical\
Data File : ABNICV.D
Acq On : 10 Dec 2025 12:20 am
Operator : MORK:jg
Sample : CQICV1,32,,ABNICV Lot# 12049
Misc : WG2152654,,
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 11 12:54:09 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Dec 11 12:54:46 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
15) 2-Methylphenol	3.908	108	121709	49.125	ug/ml	97
16) Hexachloroethane	4.072	117	66203	47.833	ug/ml#	59
17) n-Nitrosodi-n-propylamine	4.019	70	93129	48.316	ug/ml#	93
18) 3-Methylphenol/4-Methy...	4.043	108	132101	50.323	ug/ml	96
20) Nitrobenzene	4.137	77	136196	47.887	ug/ml	97
21) Isophorone	4.348	82	244096	47.911	ug/ml	99
22) 2-Nitrophenol	4.413	139	79932	49.683	ug/ml#	91
23) 2,4-Dimethylphenol	4.489	107	145315	49.110	ug/ml	94
24) Bis(2-chloroethoxy)met...	4.560	93	153515	48.189	ug/ml#	97
25) 2,4-Dichlorophenol	4.630	162	159646	50.728	ug/ml	97
26) 1,2,4-Trichlorobenzene	4.689	180	189676	49.553	ug/ml	99
36) Naphthalene	4.742	128	431659	49.276	ug/ml	100
37) Benzoic Acid	4.613	105	103759M3	48.959	ug/ml	
38) 4-Chloroaniline	4.812	65	46830	49.945	ug/ml	95
39) Hexachlorobutadiene	4.877	225	123007	48.555	ug/ml	99
40) p-Chloro-m-cresol	5.265	107	125688	50.091	ug/ml	99
41) 2-Methylnaphthalene	5.347	142	294986	49.847	ug/ml	94
42) 1-Methylnaphthalene	5.429	115	105441	48.771	ug/ml	93
43) Hexachlorocyclopentadiene	5.494	237	151356	54.240	ug/ml	99
44) 2,4,6-Trichlorophenol	5.606	196	134853	50.641	ug/ml	100
45) 2,4,5-Trichlorophenol	5.635	196	151853	51.861	ug/ml	99
47) 2-Chloronaphthalene	5.758	162	355843	50.405	ug/ml	98
48) 2-Nitroaniline	5.864	138	102673	52.801	ug/ml	96
49) 1,4-Dinitrobenzene	5.993	168	49755	55.235	ug/ml	85
50) 1,3-Dinitrobenzene	6.058	168	54098	51.930	ug/ml	89
51) Dimethyl phthalate	6.052	163	418989	49.209	ug/ml#	98
52) Acenaphthylene	6.111	152	569457	51.281	ug/ml	99
53) 2,6-Dinitrotoluene	6.087	165	88219	50.729	ug/ml	91
54) 1,2-Dinitrobenzene	6.123	168	33676	52.222	ug/ml	98
64) 3-Nitroaniline	6.223	138	90382	52.014	ug/ml#	98
65) Acenaphthene	6.264	154	308889	49.418	ug/ml	94
66) 2,4-Dinitrophenol	6.322	184	56671	50.712	ug/ml#	88
67) Dibenzofuran	6.417	168	525142	49.898	ug/ml#	80
68) 2,4-Dinitrotoluene	6.434	165	126252	52.376	ug/ml#	76
69) 4-Nitrophenol	6.411	65	61954	52.724	ug/ml#	1
70) 2,3,5,6-Tetrachlorophenol	6.505	232	133490	51.953	ug/ml	99
71) 2,3,4,6-Tetrachlorophenol	6.540	232	133671	52.516	ug/ml	98
72) Diethyl phthalate	6.663	149	420703	50.358	ug/ml	100
73) Fluorene	6.710	166	420492	50.810	ug/ml	92
74) 4-Chlorophenyl phenyl ...	6.728	204	213881	49.203	ug/ml	98

Data Path : I:\8270\Mork\251209ical\
Data File : ABNICV.D
Acq On : 10 Dec 2025 12:20 am
Operator : MORK:jg
Sample : CQICV1,32,,ABNICV Lot# 12049
Misc : WG2152654,,
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 11 12:54:09 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Dec 11 12:54:46 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ABNL7.D
Sub List : ABNical - ABN ical sublist

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75)	4-Nitroaniline	6.751	138	90996	54.245	ug/ml#	87
76)	4,6-Dinitro-o-cresol	6.787	198	82269	56.528	ug/ml#	82
77)	NDPA/DPA	6.840	169	361488	50.634	ug/ml	94
78)	Azobenzene	6.863	77	301095	48.594	ug/ml#	93
80)	4-Bromophenyl phenyl e...	7.145	248	152782	50.254	ug/ml	97
81)	Hexachlorobenzene	7.192	284	191814	51.273	ug/ml	92
82)	Pentachlorophenol	7.368	266	117610	57.289	ug/ml	99
89)	Phenanthrene	7.527	178	681234	47.687	ug/ml	99
90)	Anthracene	7.574	178	699344	48.676	ug/ml	99
91)	Carbazole	7.727	167	647692	48.979	ug/ml	98
92)	Di-n-butylphthalate	8.085	149	736436	48.622	ug/ml	99
93)	Fluoranthene	8.555	202	876097	49.004	ug/ml#	91
94)	Benzidine	8.702	184	594744	48.930	ug/ml#	94
95)	Pyrene	8.743	202	909974	48.710	ug/ml	99
97)	Butyl benzyl phthalate	9.431	149	363792	50.246	ug/ml	89
105)	Benzo(a)anthracene	9.936	228	1009883	47.686	ug/ml	99
106)	3,3'-Dichlorobenzidine	9.942	252	426342	48.211	ug/ml#	96
107)	Chrysene	9.971	228	941994	49.064	ug/ml	98
108)	Bis(2-ethylhexyl)phtha...	10.095	149	551453	50.549	ug/ml#	92
109)	Di-n-octylphthalate	10.853	149	983395	50.760	ug/ml#	92
110)	Benzo(b)fluoranthene	11.140	252	1115177	48.428	ug/ml#	93
111)	Benzo(k)fluoranthene	11.176	252	1055160	50.492	ug/ml#	93
112)	Benzo(a)pyrene	11.505	252	1096584M6	51.061	ug/ml	
114)	Indeno(1,2,3-cd)pyrene	12.733	276	1209847	49.960	ug/mL#	84
115)	Dibenzo(a,h)anthracene	12.768	278	1194052	51.578	ug/ml#	90
116)	Benzo(ghi)perylene	12.997	276	1131037	48.951	ug/ml#	86

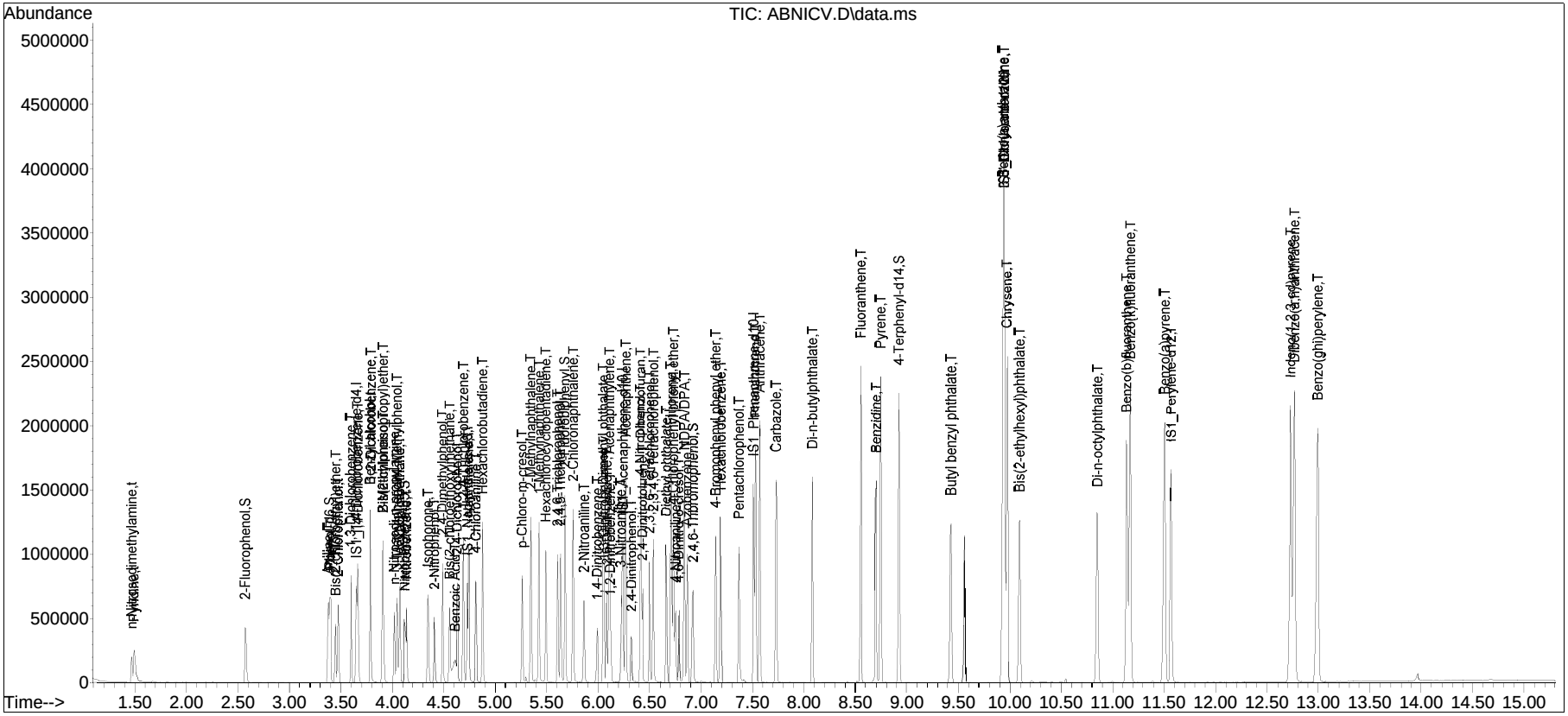
(#) = qualifier out of range (m) = manual integration (+) = signals summed

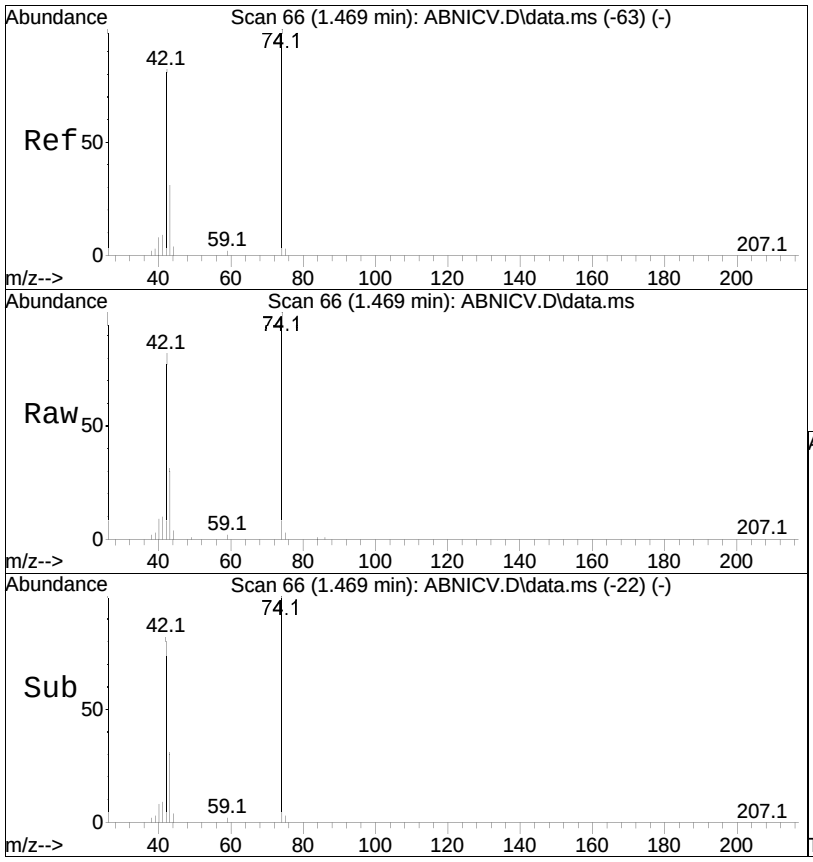
Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ABNICV.D
Acq On : 10 Dec 2025 12:20 am
Operator : MORK:jg
Sample : CQICV1,32,,ABNICV Lot# 12049
Misc : WG2152654,,
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 11 12:54:09 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Dec 11 12:54:46 2025
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublistl\ABNL7.D•

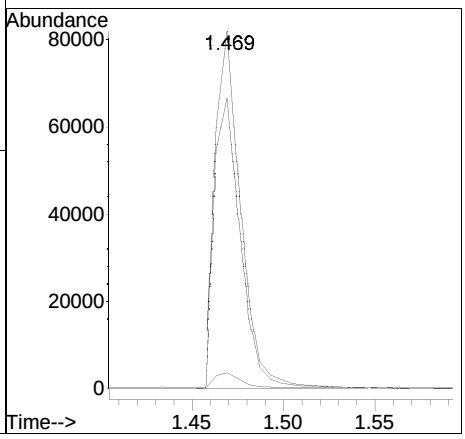


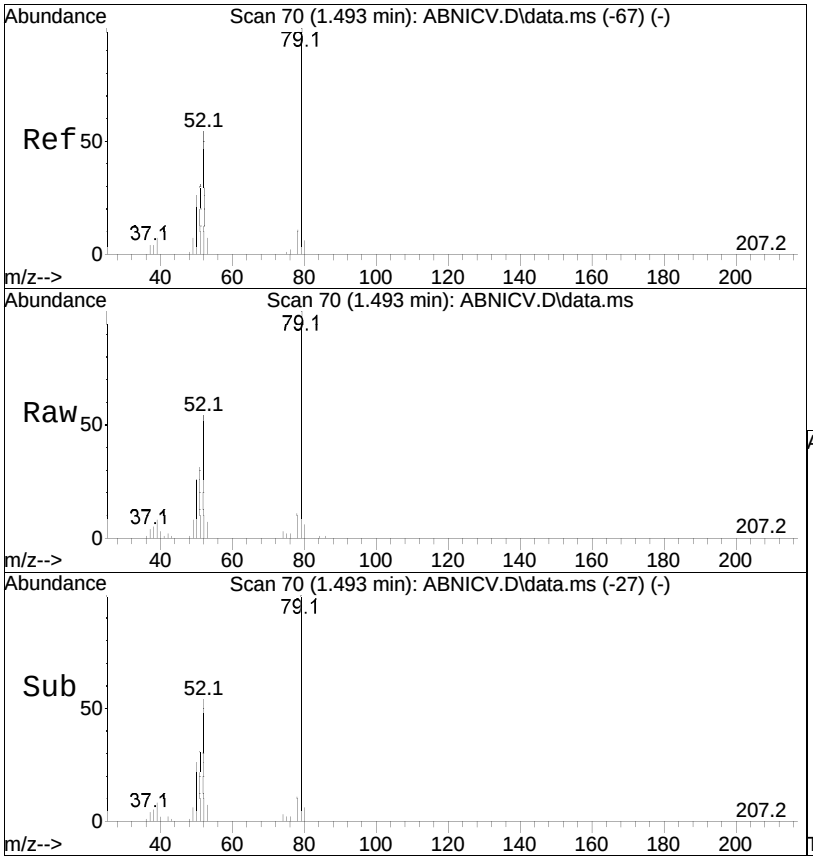


#2
n-Nitrosodimethylamine
Concen: 51.35 ug/ml
RT: 1.469 min Scan# 66
Delta R.T. 0.006 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 74 Resp: 79840

Ion	Ratio	Lower	Upper
74	100		
42	83.8	69.4	104.2
44	4.0	3.5	5.3

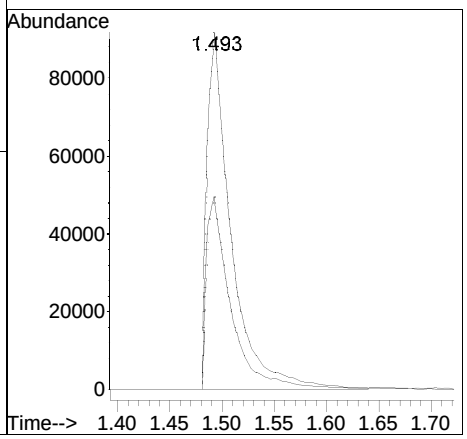


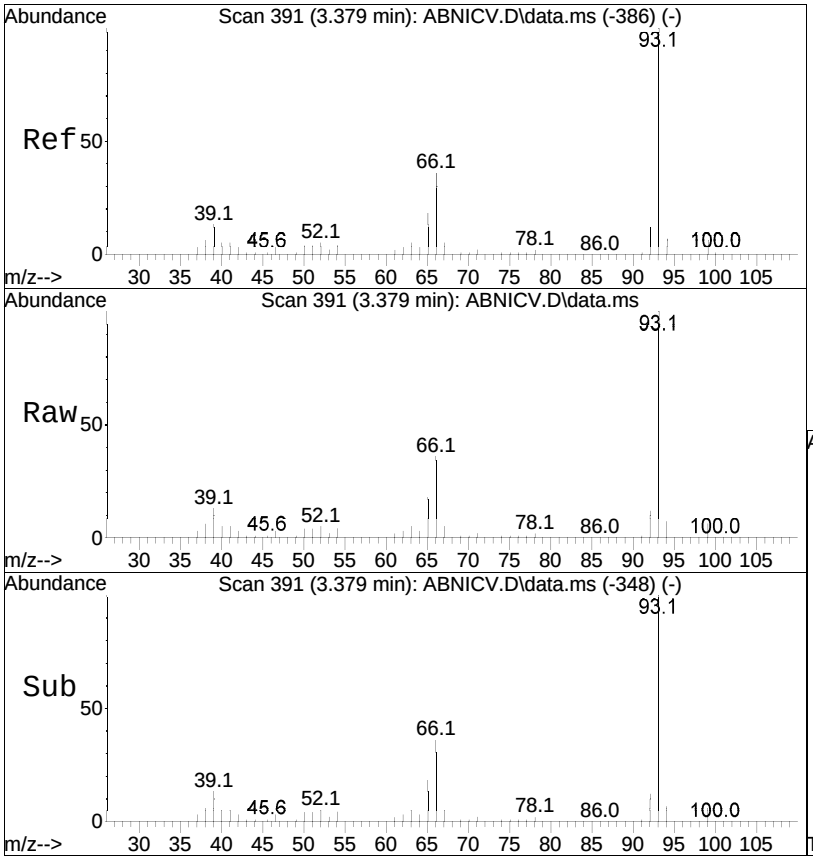


#3
Pyridine
Concen: 52.67 ug/ml
RT: 1.493 min Scan# 70
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 79 Resp: 145035

Ion	Ratio	Lower	Upper
79	100		
52	54.6	56.6	85.0#

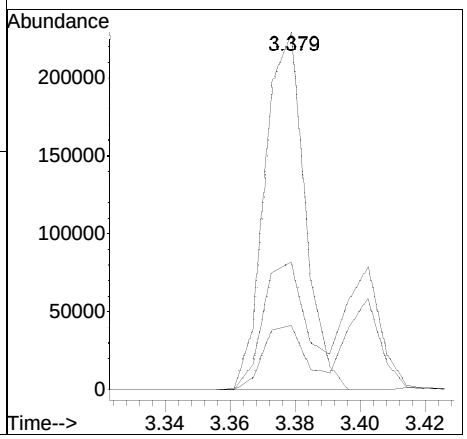


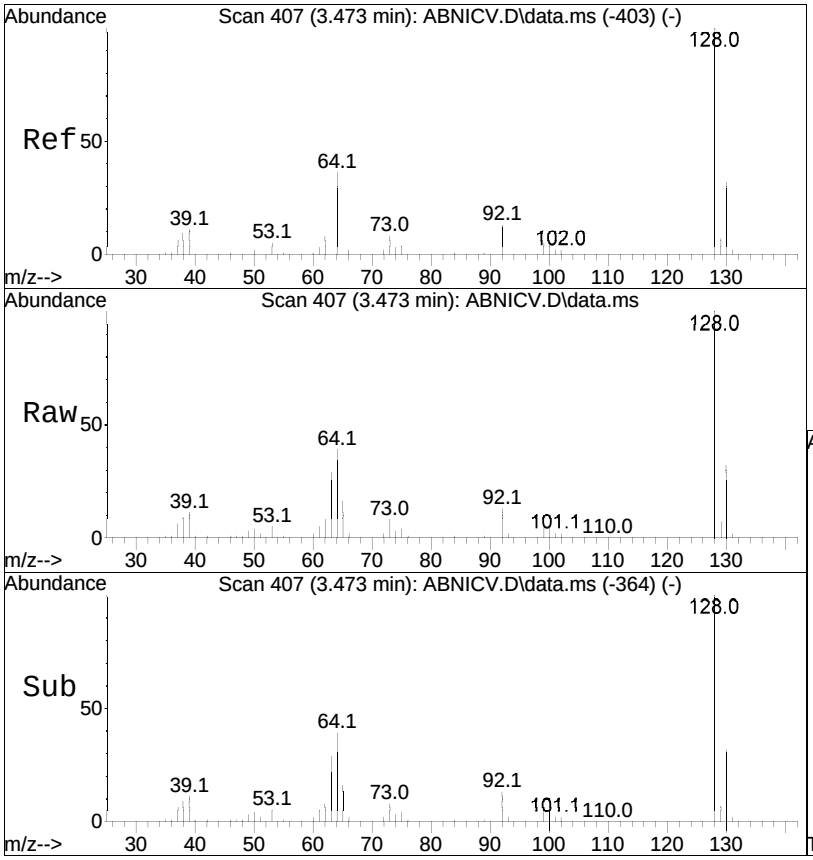


#5
Aniline
Concen: 46.70 ug/ml
RT: 3.379 min Scan# 391
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 93 Resp: 194681

Ion	Ratio	Lower	Upper
93	100		
66	41.2	53.5	80.3#
65	20.3	34.4	51.6#

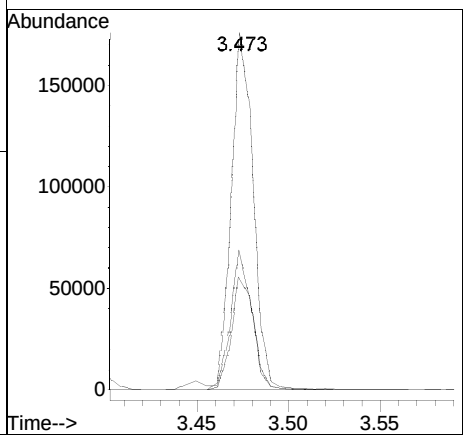


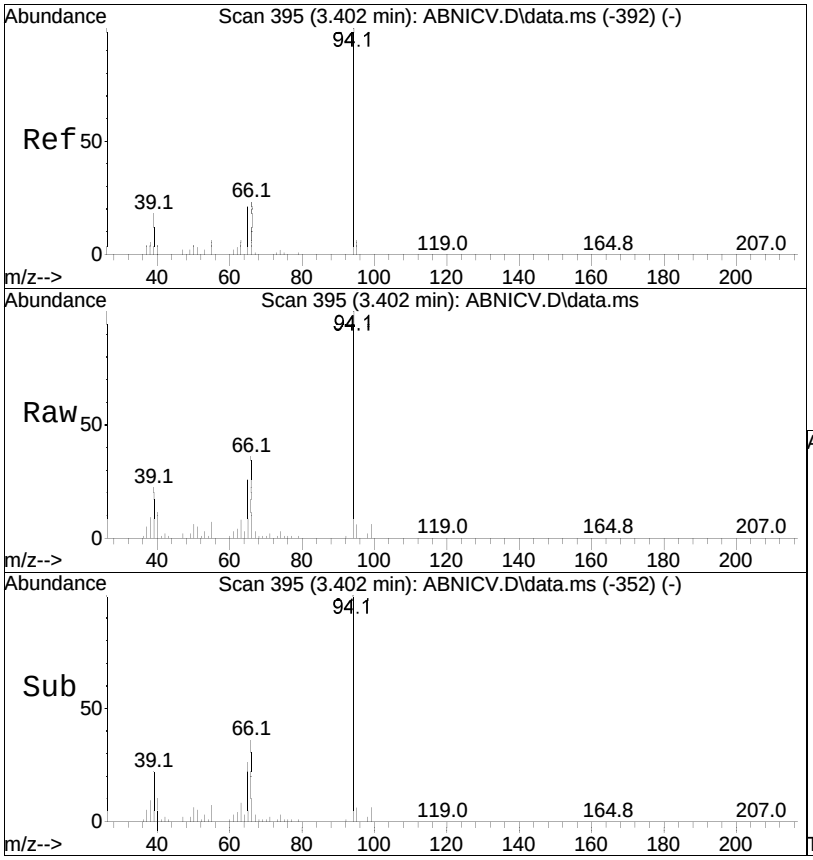


#6
2-Chlorophenol
Concen: 48.38 ug/ml
RT: 3.473 min Scan# 407
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:128 Resp: 145929

Ion	Ratio	Lower	Upper
128	100		
64	39.3	33.5	50.3
130	32.6	25.9	38.9

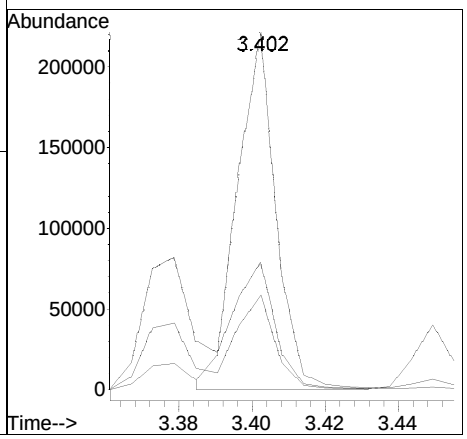


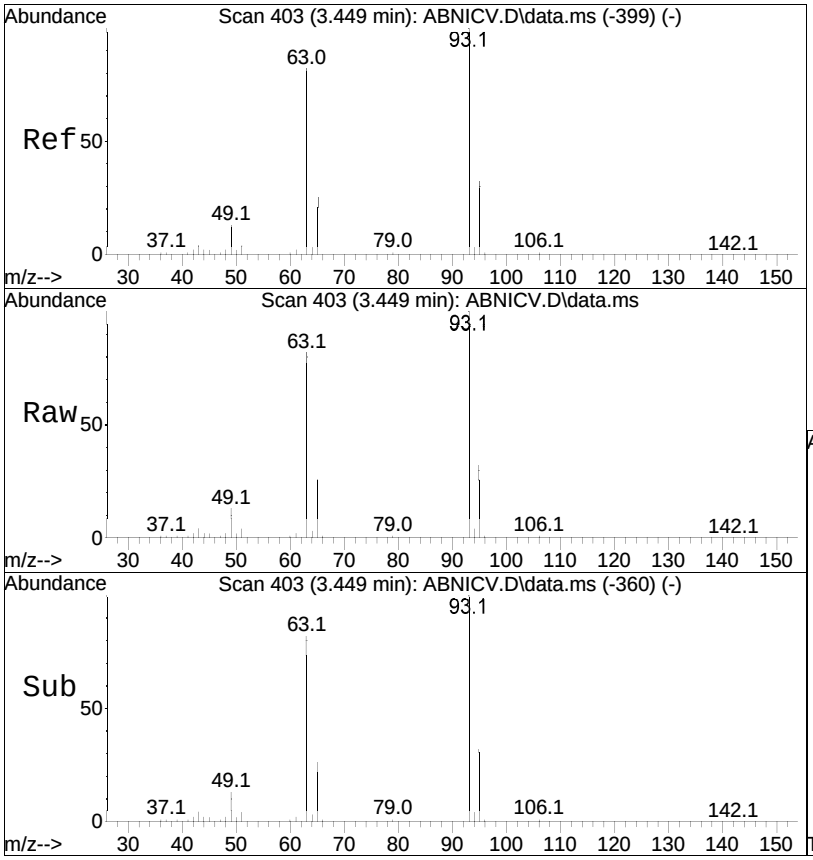


#8
Phenol
Concen: 49.91 ug/ml M6
RT: 3.402 min Scan# 395
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 94 Resp: 162332

Ion	Ratio	Lower	Upper
94	100		
65	25.9	38.8	58.2#
66	36.0	60.3	90.5#

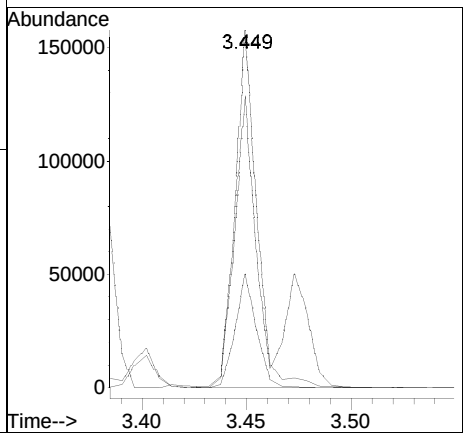


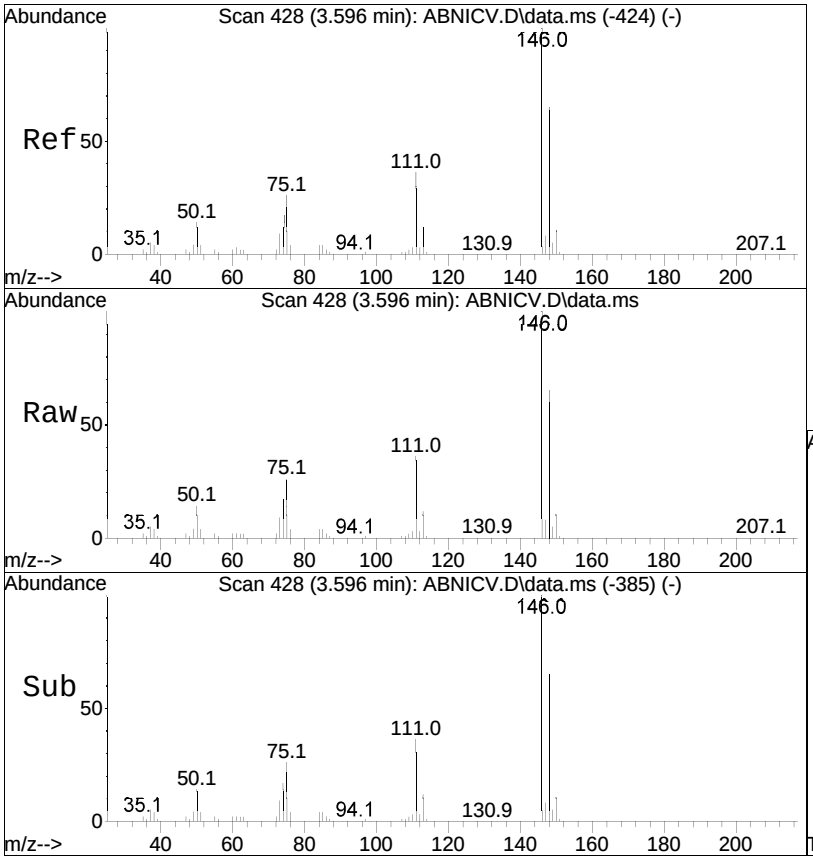


#9
Bis(2-chloroethyl)ether
Concen: 47.20 ug/ml
RT: 3.449 min Scan# 403
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 93 Resp: 112683

Ion	Ratio	Lower	Upper
93	100		
63	78.5	63.0	94.6
95	31.8	26.3	39.5

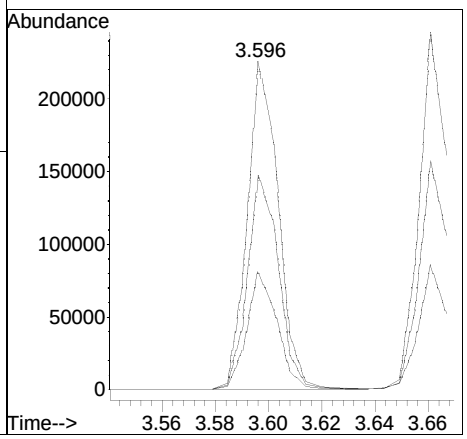


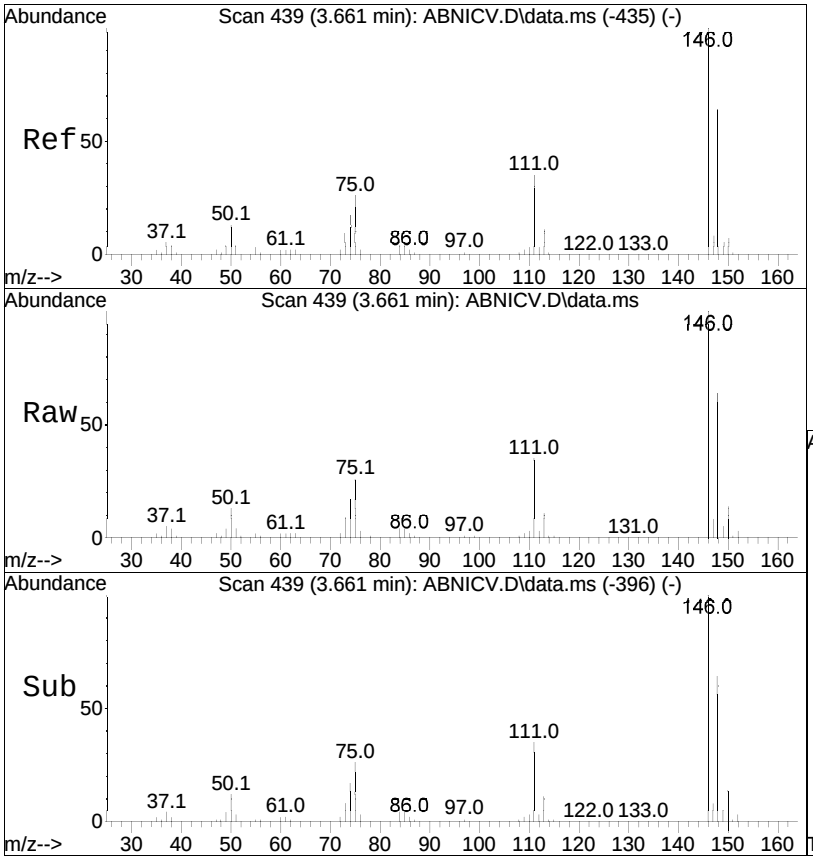


#10
1,3-Dichlorobenzene
Concen: 48.31 ug/ml
RT: 3.596 min Scan# 428
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:146 Resp: 182733

Ion	Ratio	Lower	Upper
146	100		
111	35.1	30.0	45.0
148	65.4	52.6	78.8

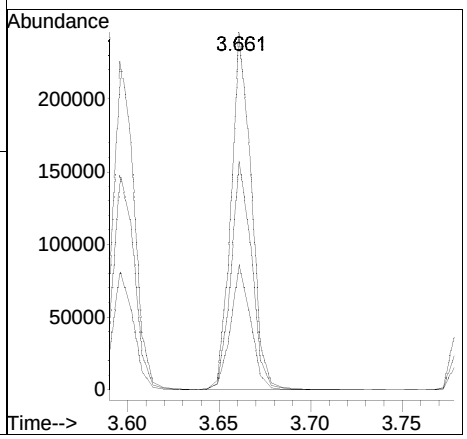


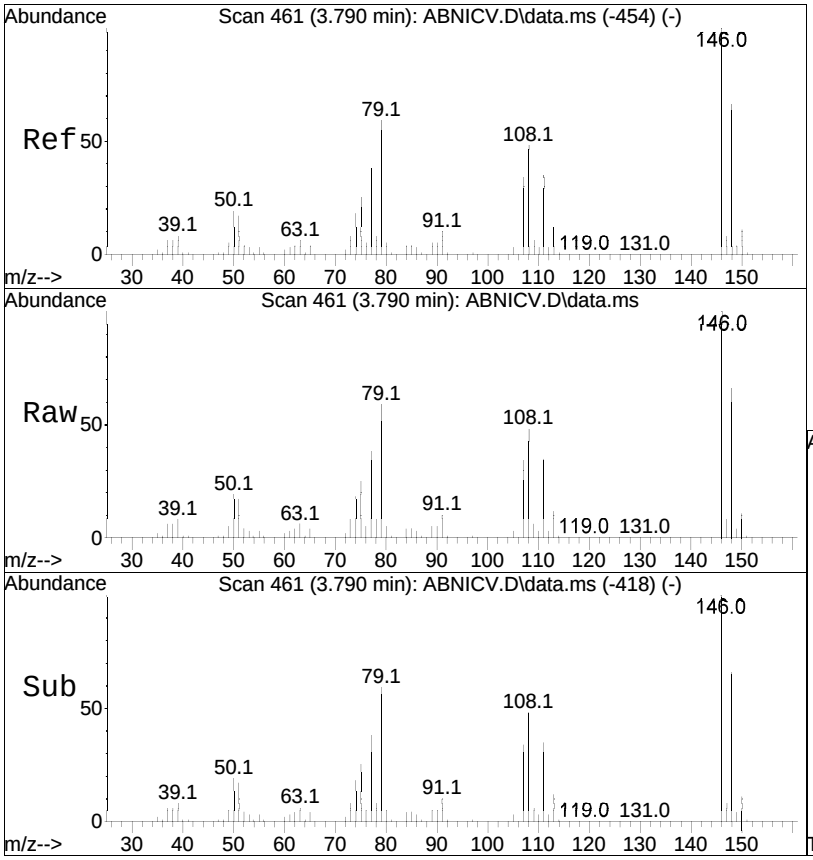


#11
1,4-Dichlorobenzene
Concen: 50.14 ug/ml
RT: 3.661 min Scan# 439
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:146 Resp: 189815

Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.3	78.5
111	34.8	29.2	43.8

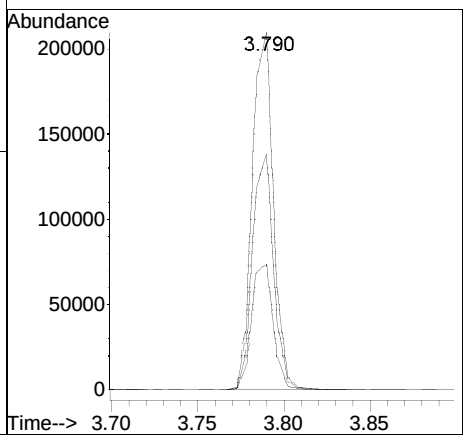


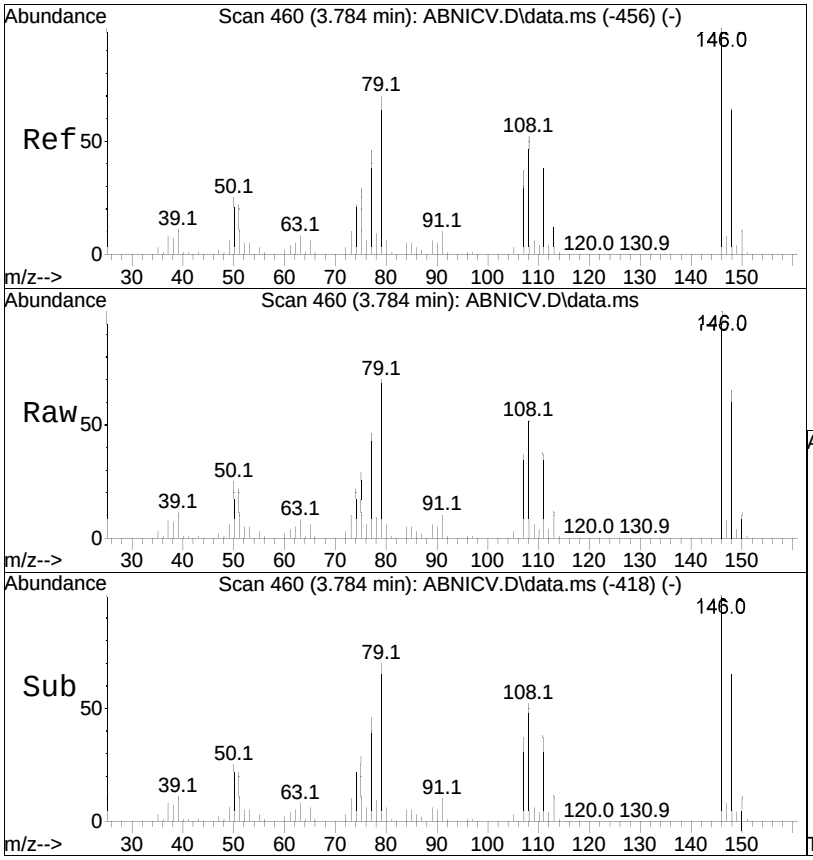


#12
1,2-Dichlorobenzene
Concen: 48.95 ug/ml
RT: 3.790 min Scan# 461
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:146 Resp: 177414

Ion	Ratio	Lower	Upper
146	100		
111	36.2	30.3	45.5
148	65.8	51.8	77.8

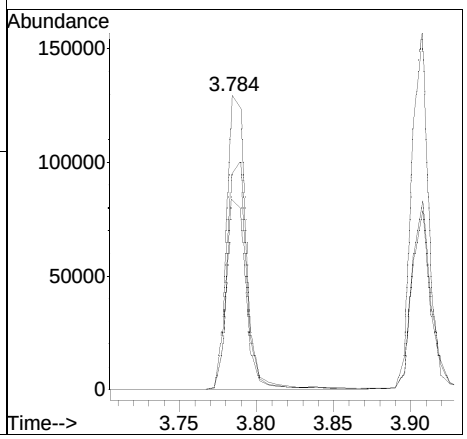


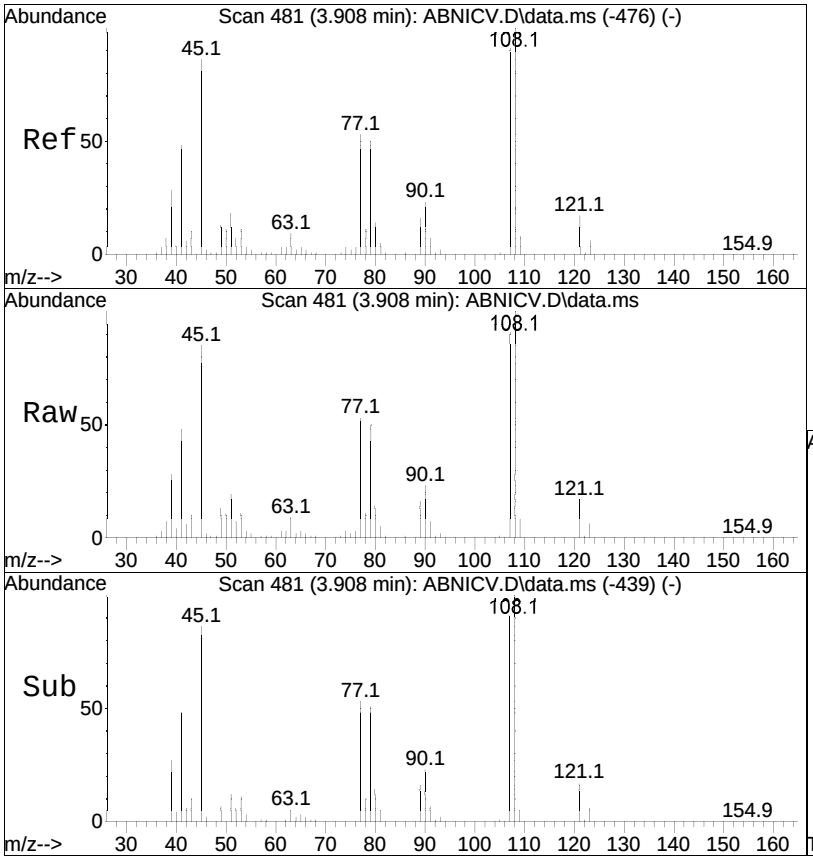


#13
Benzyl alcohol
Concen: 50.71 ug/ml
RT: 3.784 min Scan# 460
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 79 Resp: 114758

Ion	Ratio	Lower	Upper
79	100		
77	65.6	54.6	81.8
108	77.1	65.1	97.7

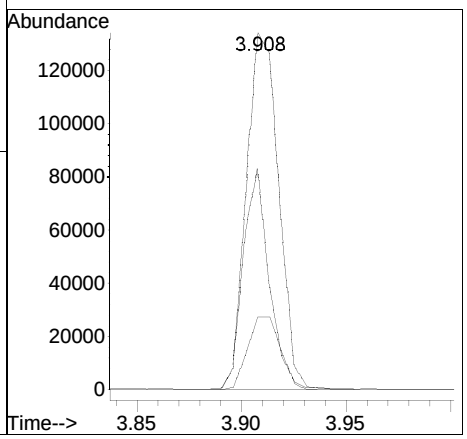


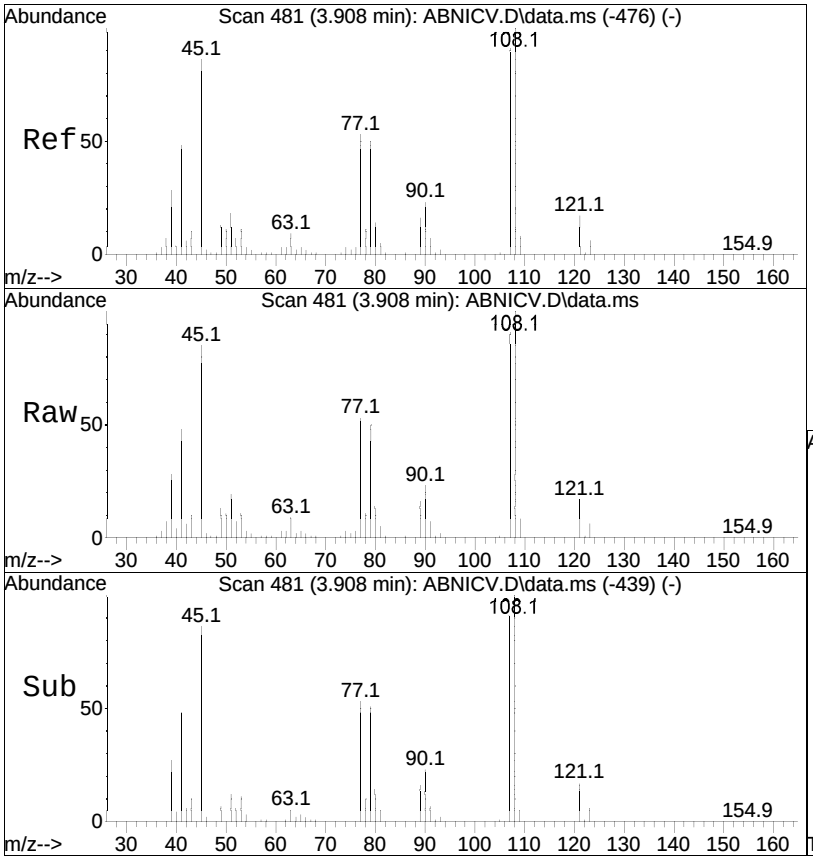


#14
Bis(2-chloroisopropyl)ether
Concen: 46.80 ug/ml
RT: 3.908 min Scan# 481
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 45 Resp: 143989

Ion	Ratio	Lower	Upper
45	100		
121	20.8	16.0	24.0
77	50.2	32.1	48.1#

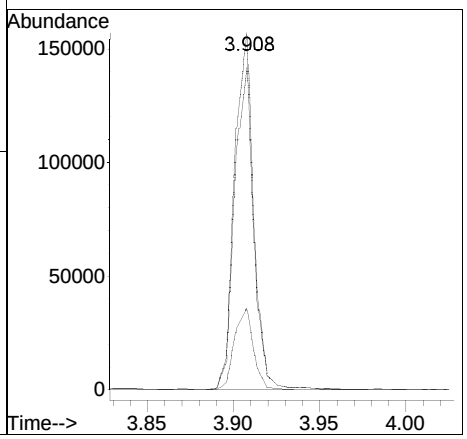


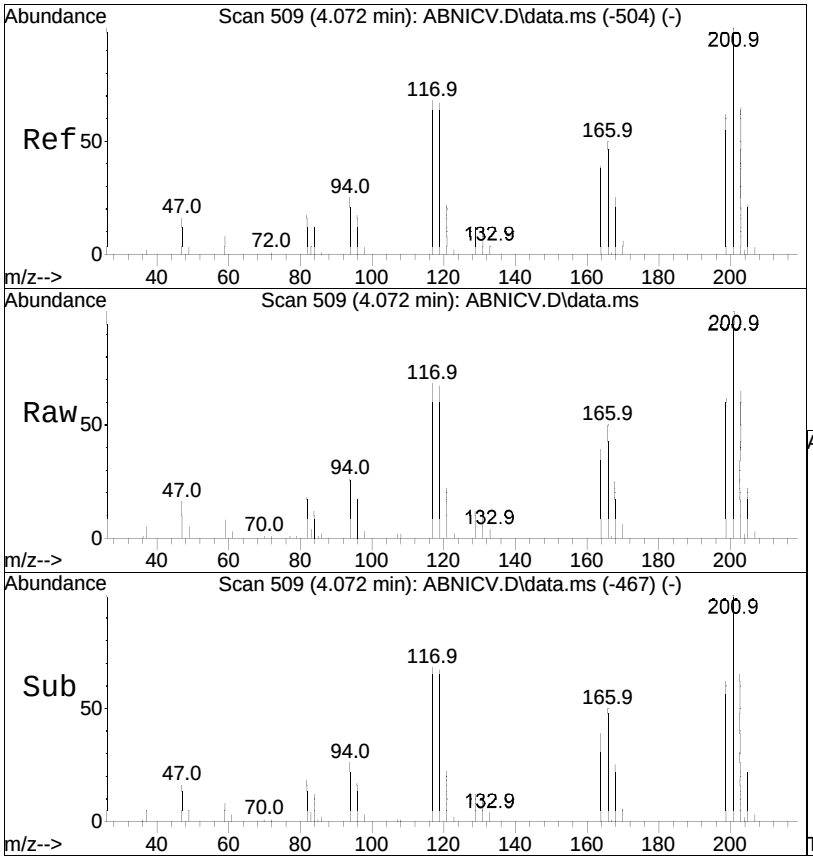


#15
2-Methylphenol
Concen: 49.13 ug/ml
RT: 3.908 min Scan# 481
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:108 Resp: 121709

Ion	Ratio	Lower	Upper
108	100		
107	91.6	70.3	105.5
90	23.0	18.7	28.1

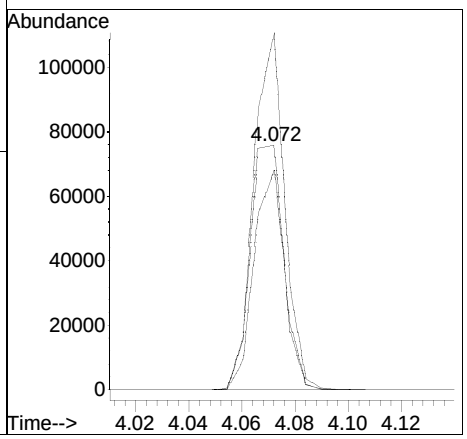


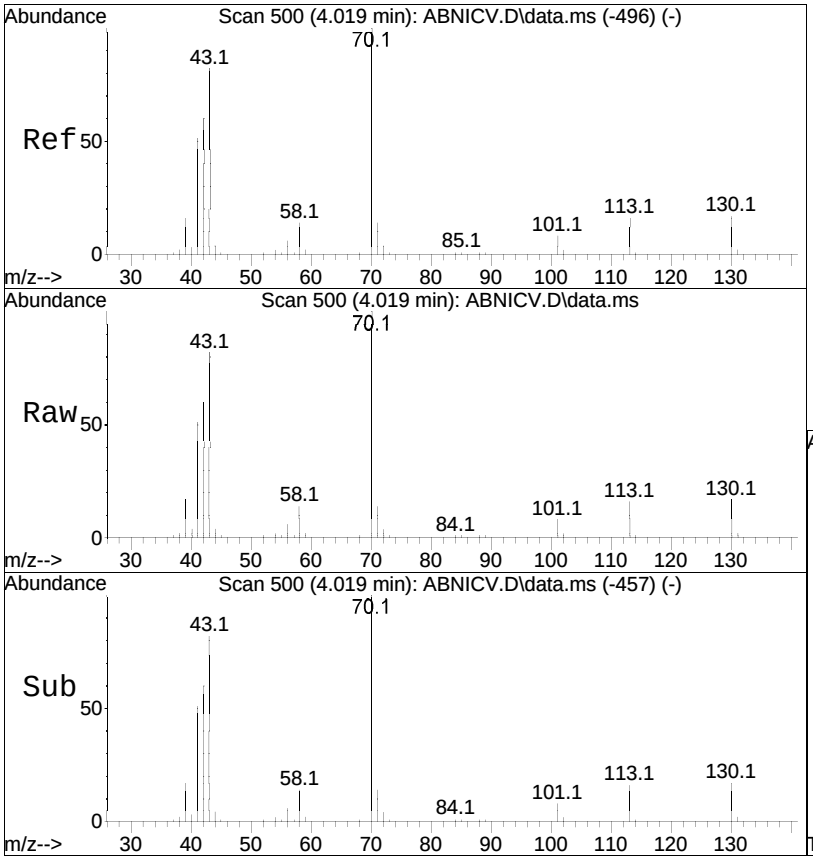


#16
Hexachloroethane
Concen: 47.83 ug/ml
RT: 4.072 min Scan# 509
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:117 Resp: 66203

Ion	Ratio	Lower	Upper
117	100		
201	133.9	73.4	110.0#
199	82.9	45.9	68.9#

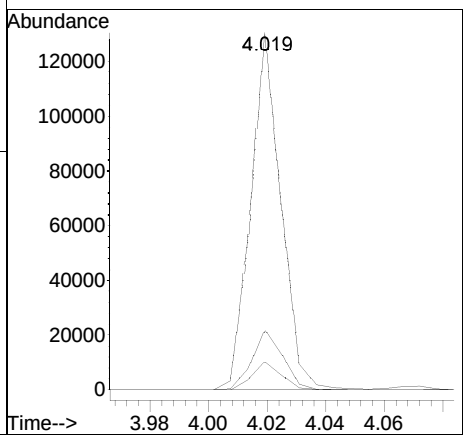


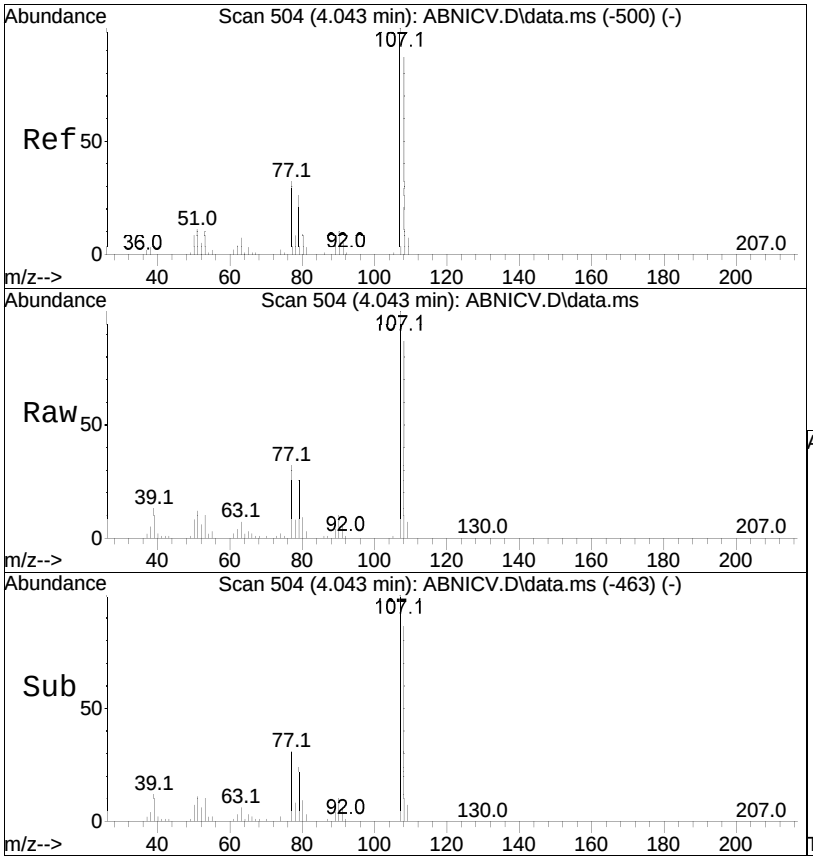


#17
n-Nitrosodi-n-propylamine
Concen: 48.32 ug/ml
RT: 4.019 min Scan# 500
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 70 Resp: 93129

Ion	Ratio	Lower	Upper
70	100		
130	17.1	17.1	25.7#
101	7.6	7.0	10.4

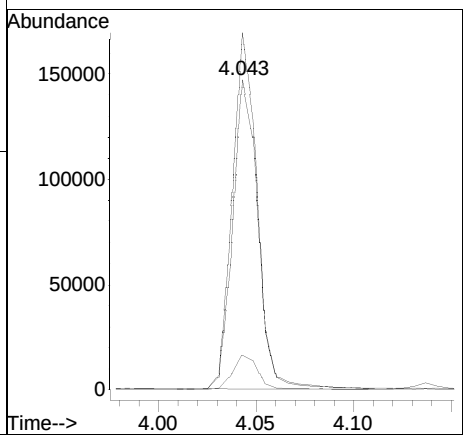


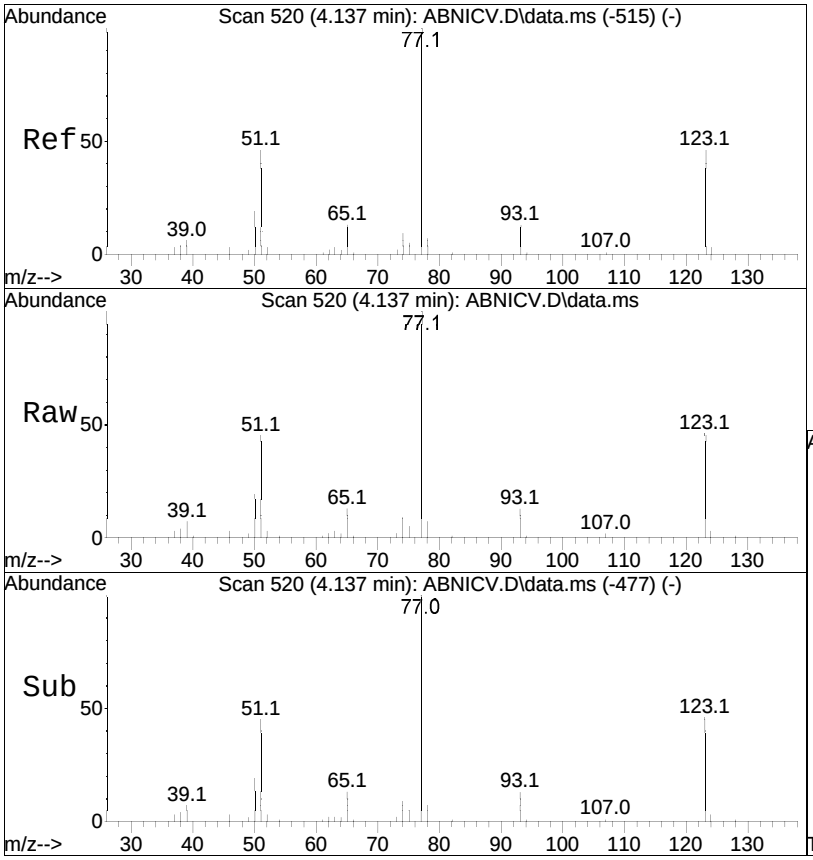


#18
3-Methylphenol/4-Methylphenol
Concen: 50.32 ug/ml
RT: 4.043 min Scan# 504
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:108 Resp: 132101

Ion	Ratio	Lower	Upper
108	100		
107	114.8	88.2	132.2
90	11.1	8.5	12.7

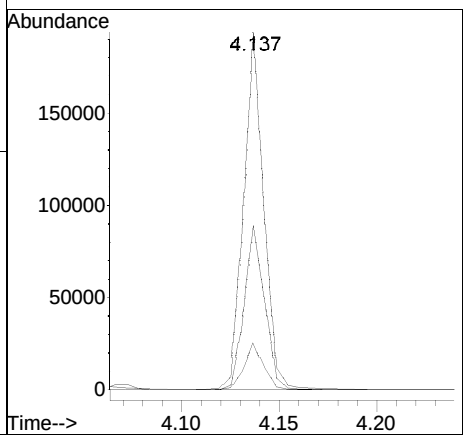


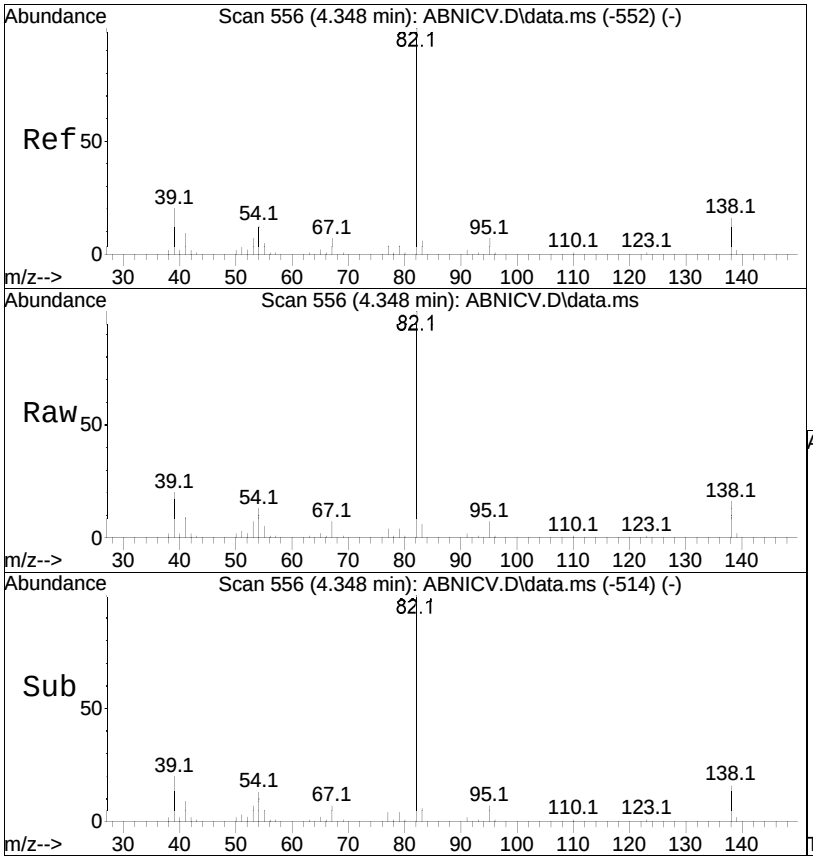


#20
Nitrobenzene
Concen: 47.89 ug/ml
RT: 4.137 min Scan# 520
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 77 Resp: 136196

Ion	Ratio	Lower	Upper
77	100		
123	47.1	39.5	59.3
65	13.0	11.0	16.6

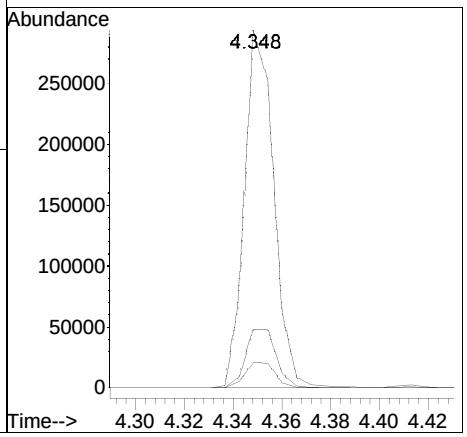


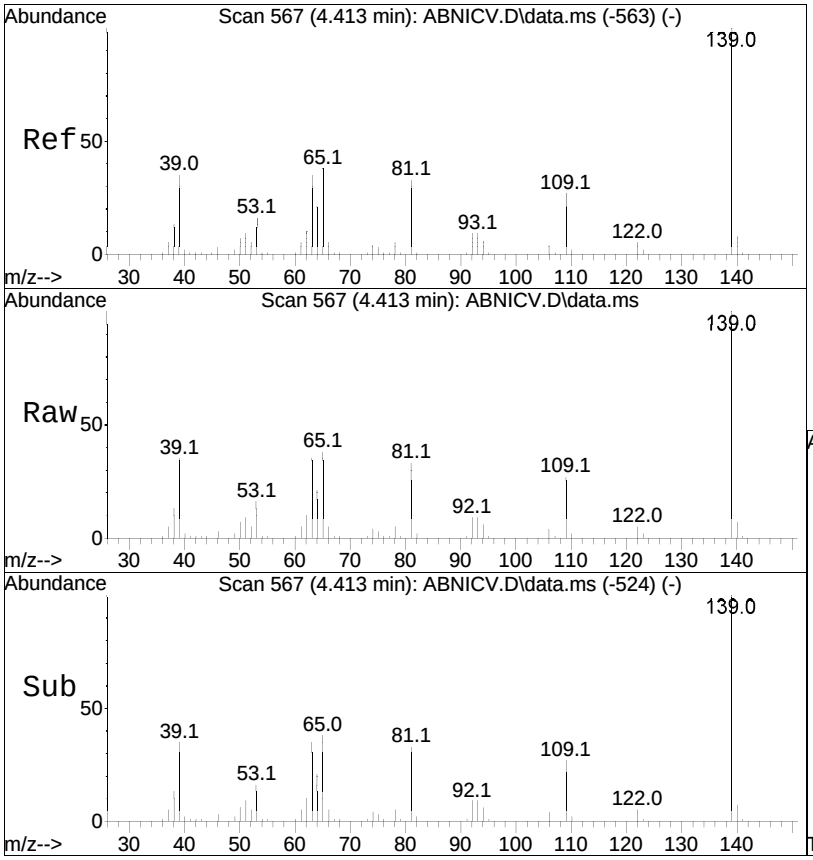


#21
Isophorone
Concen: 47.91 ug/ml
RT: 4.348 min Scan# 556
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 82 Resp: 244096

Ion	Ratio	Lower	Upper
82	100		
138	17.3	13.9	20.9
95	7.6	5.1	7.7

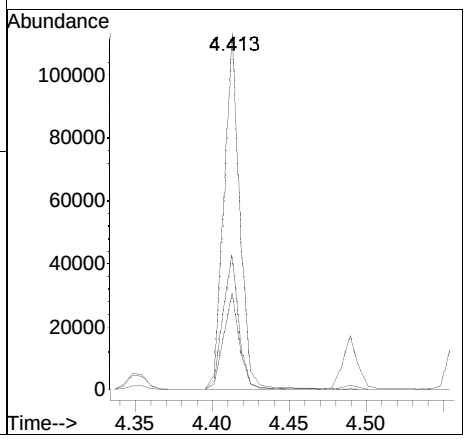


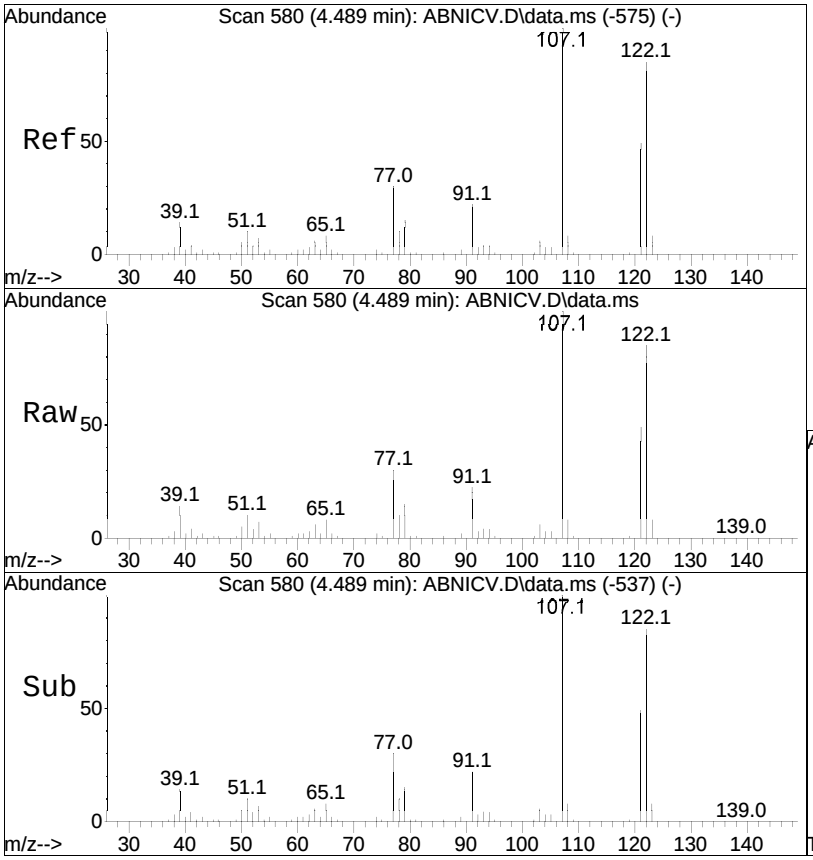


#22
2-Nitrophenol
Concen: 49.68 ug/ml
RT: 4.413 min Scan# 567
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:139 Resp: 79932

Ion	Ratio	Lower	Upper
139	100		
109	27.9	17.2	25.8#
65	38.3	33.8	50.6

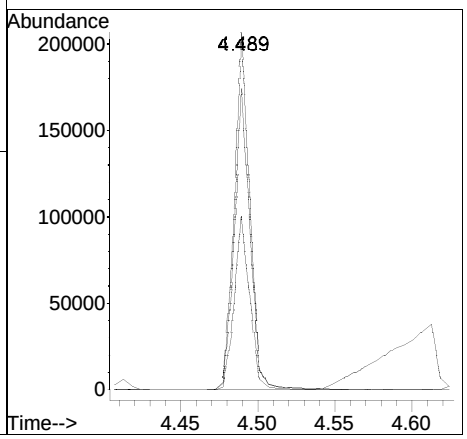


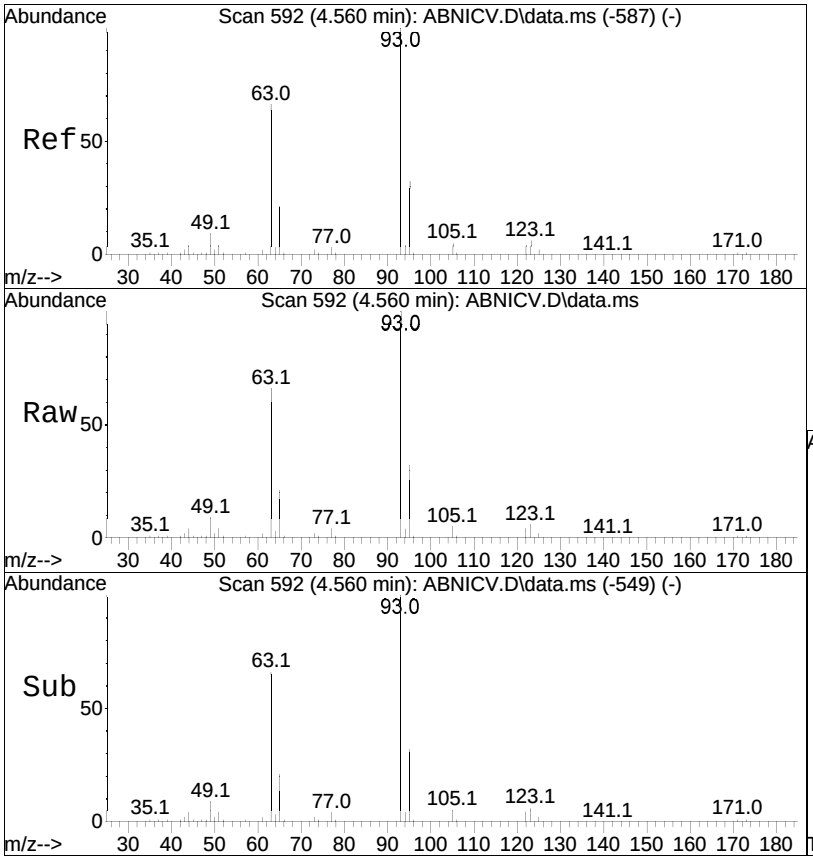


#23
2,4-Dimethylphenol
Concen: 49.11 ug/ml
RT: 4.489 min Scan# 580
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:107 Resp: 145315

Ion	Ratio	Lower	Upper
107	100		
121	48.7	41.2	61.8
122	83.9	72.5	108.7

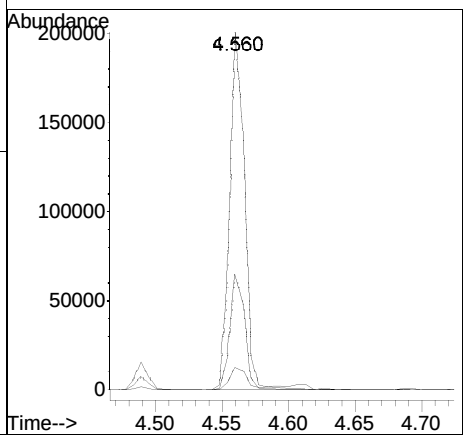


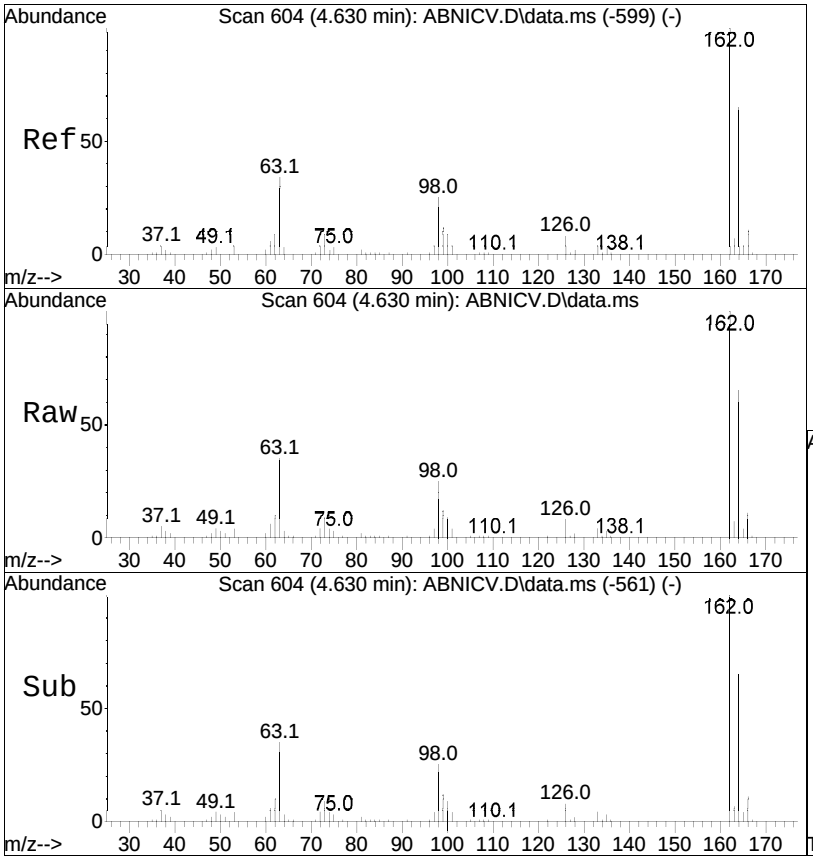


#24
Bis(2-chloroethoxy)methane
Concen: 48.19 ug/ml
RT: 4.560 min Scan# 592
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 93 Resp: 153515

Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.8	40.2
123	7.7	8.7	13.1#

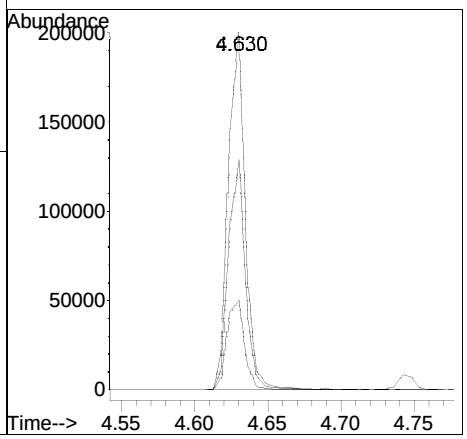


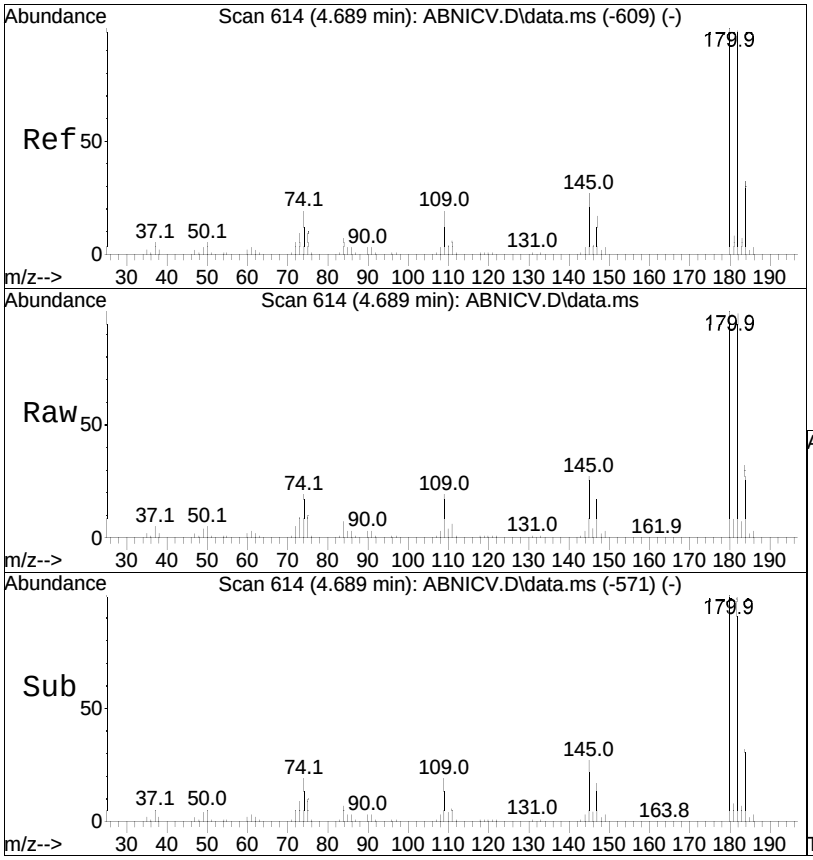


#25
2,4-Dichlorophenol
Concen: 50.73 ug/ml
RT: 4.630 min Scan# 604
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:162 Resp: 159646

Ion	Ratio	Lower	Upper
162	100		
164	64.3	51.8	77.8
98	26.7	25.0	37.4

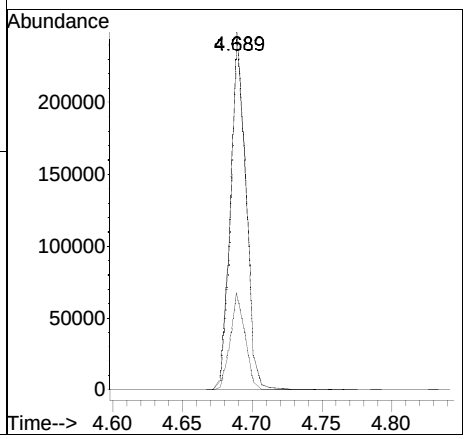


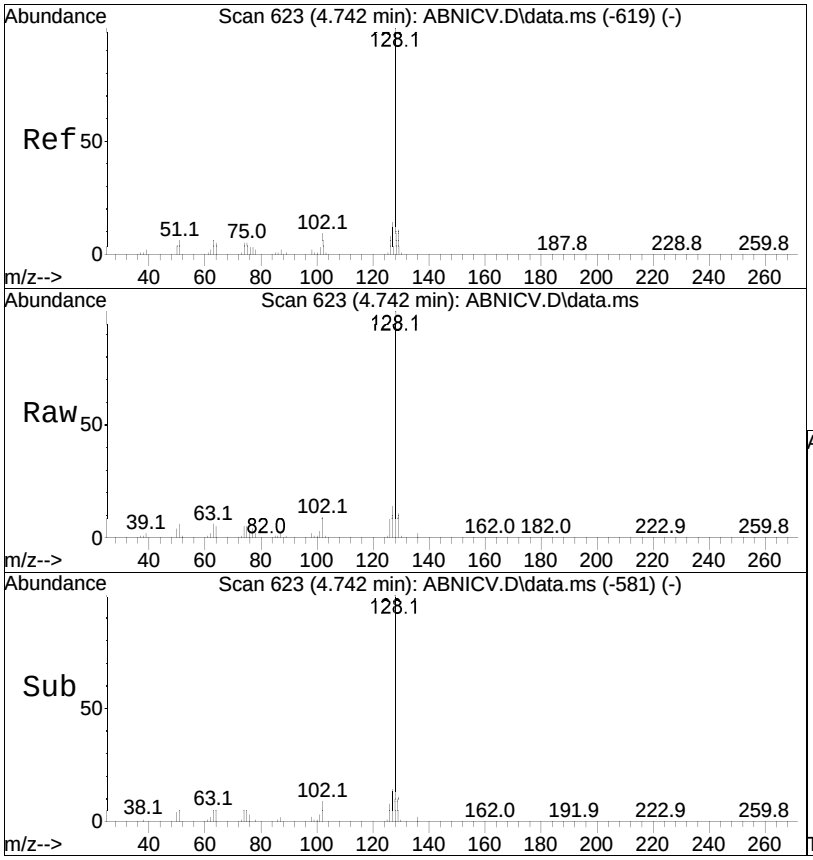


#26
1,2,4-Trichlorobenzene
Concen: 49.55 ug/ml
RT: 4.689 min Scan# 614
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:180 Resp: 189676

Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.5	116.3
145	26.5	22.2	33.2

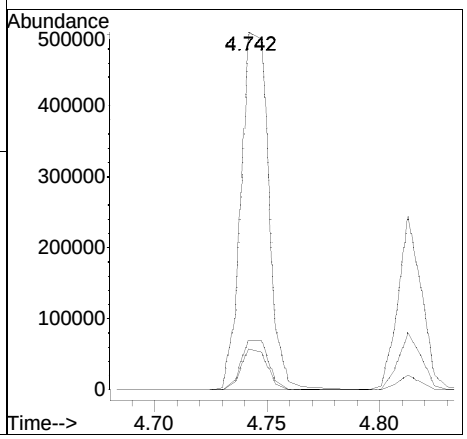


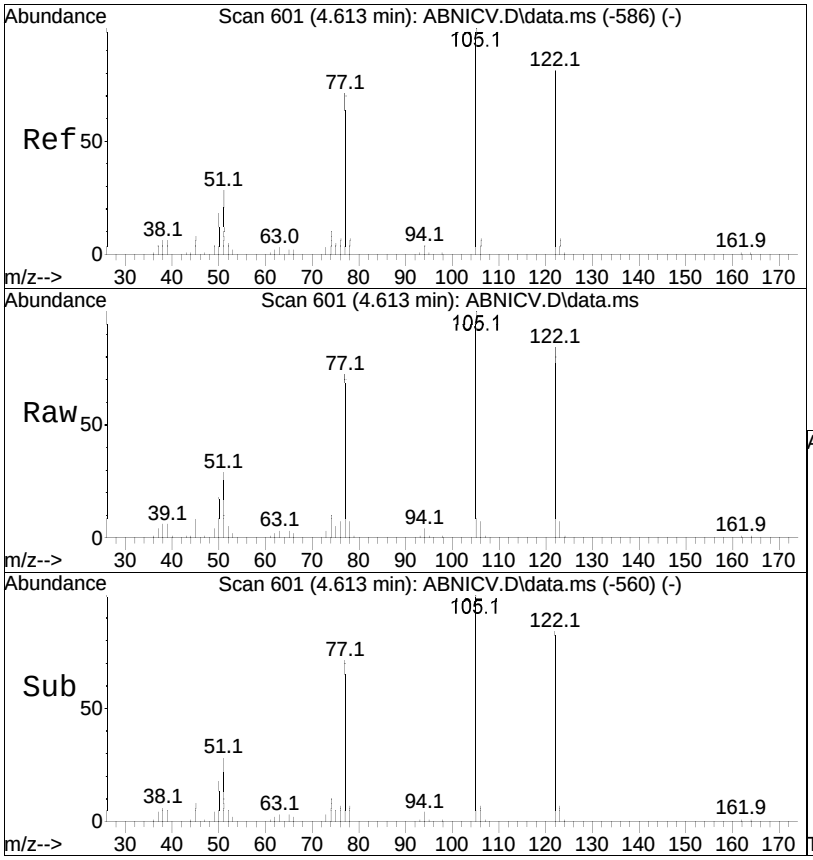


#36
Naphthalene
Concen: 49.28 ug/ml
RT: 4.742 min Scan# 623
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:128 Resp: 431659

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	14.1	11.3	16.9

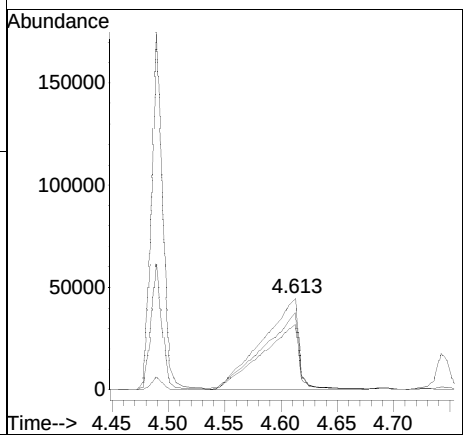


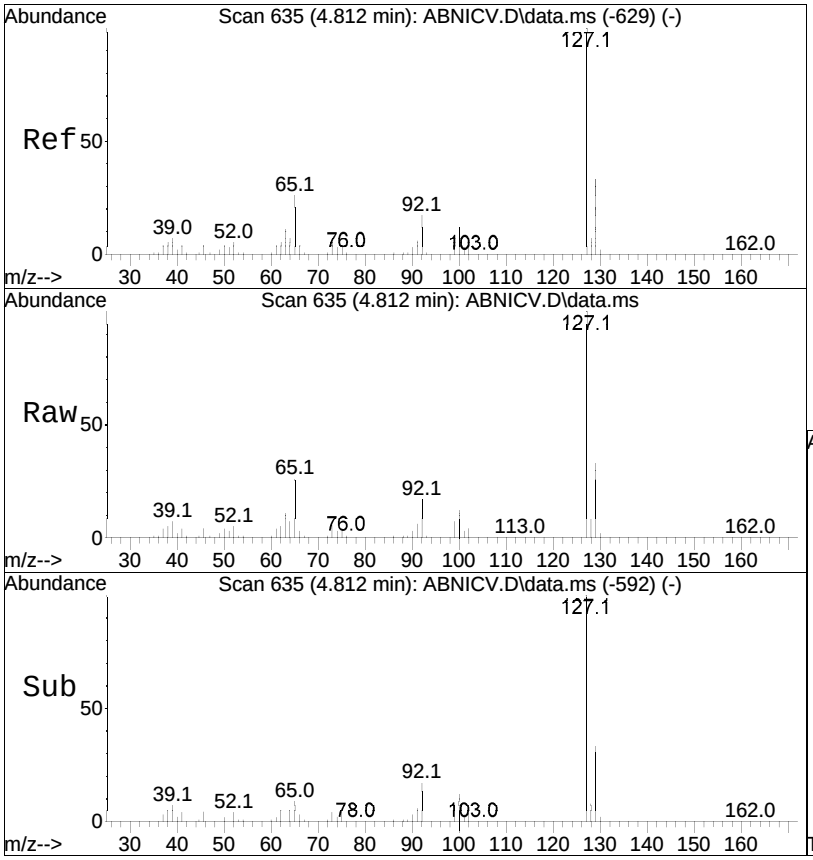


#37
Benzoic Acid
Concen: 48.96 ug/ml M3
RT: 4.613 min Scan# 601
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:105 Resp: 103759

Ion	Ratio	Lower	Upper
105	100		
122	117.5	2158.8	3238.2#
77	41.6	747.4	1121.0#

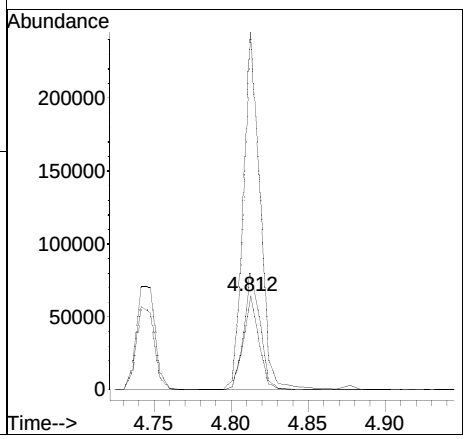


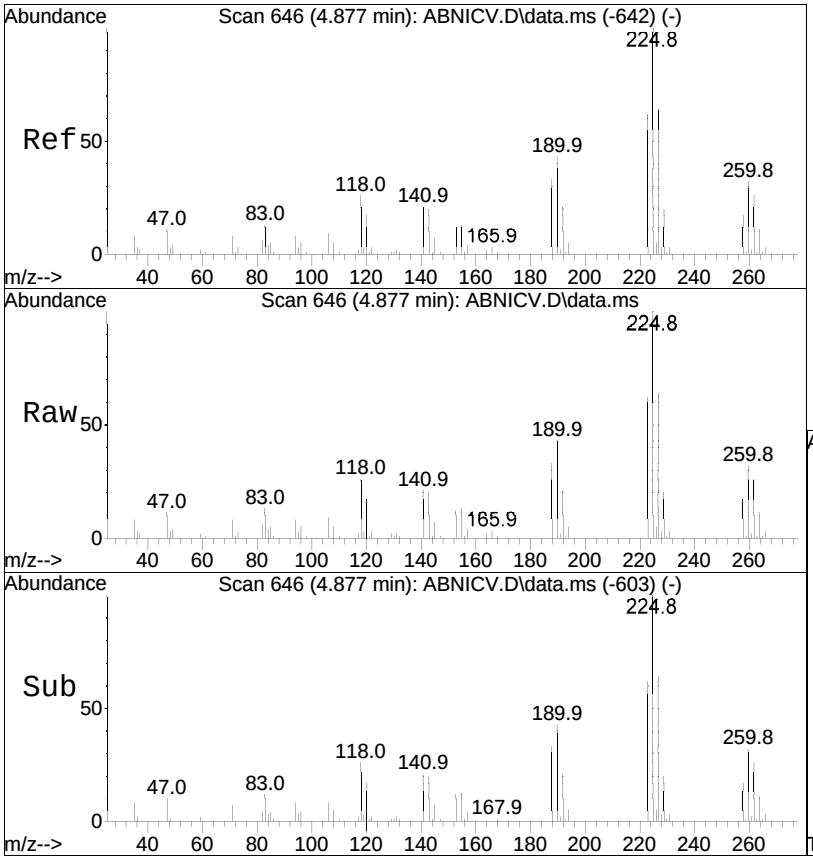


#38
4-Chloroaniline
Concen: 49.94 ug/ml
RT: 4.812 min Scan# 635
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 65 Resp: 46830

Ion	Ratio	Lower	Upper
65	100		
127	389.7	302.2	453.2
129	127.1	97.8	146.8

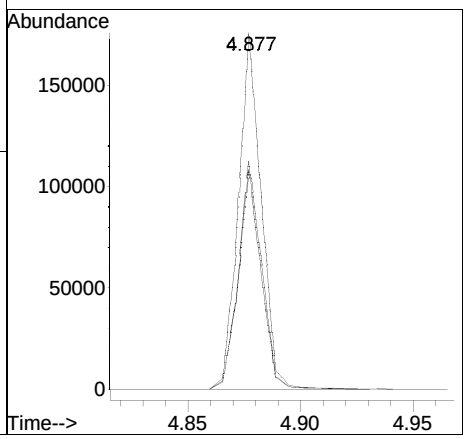


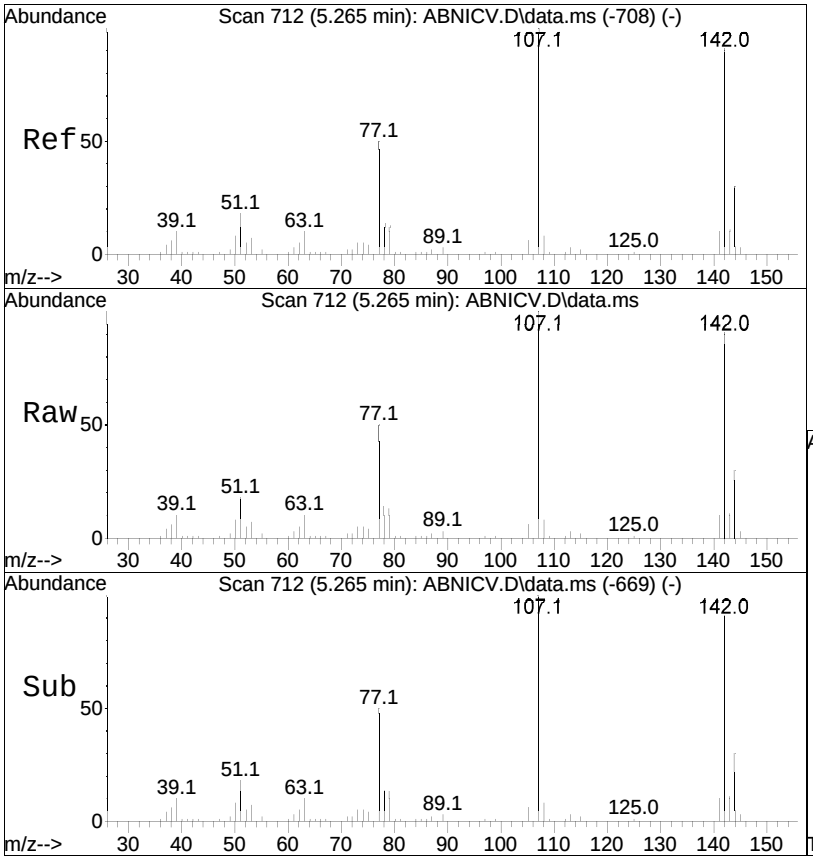


#39
Hexachlorobutadiene
Concen: 48.56 ug/ml
RT: 4.877 min Scan# 646
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:225 Resp: 123007

Ion	Ratio	Lower	Upper
225	100		
223	61.9	50.0	75.0
227	65.4	51.8	77.6

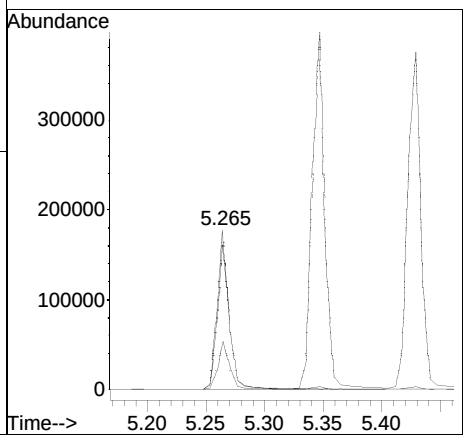


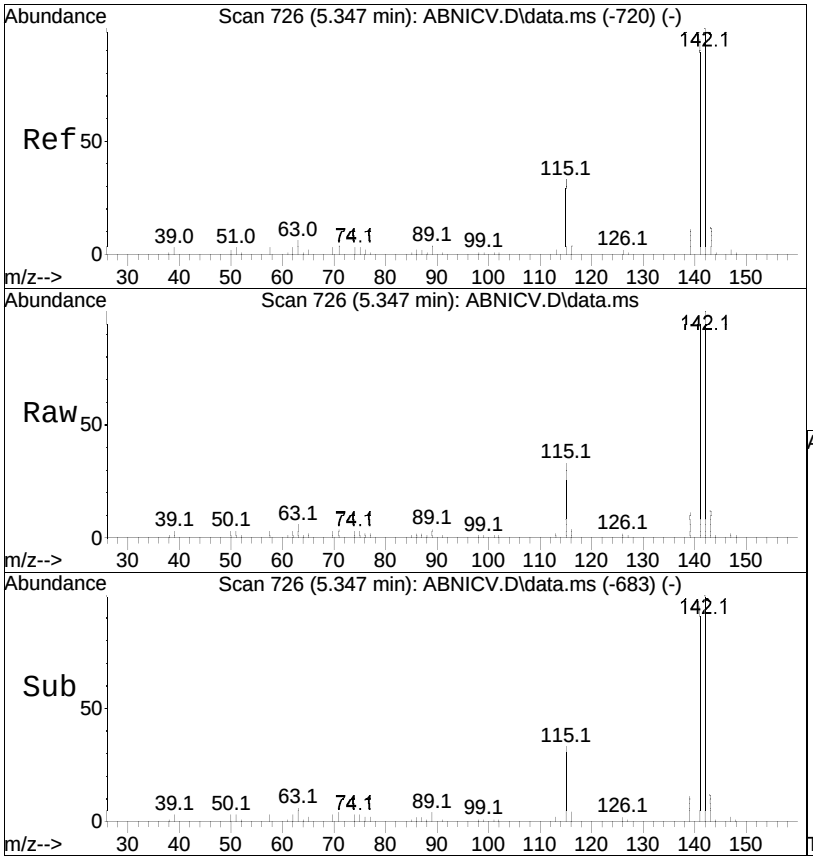


#40
p-Chloro-m-cresol
Concen: 50.09 ug/ml
RT: 5.265 min Scan# 712
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:107 Resp: 125688

Ion	Ratio	Lower	Upper
107	100		
144	29.5	23.3	34.9
142	89.8	72.7	109.1

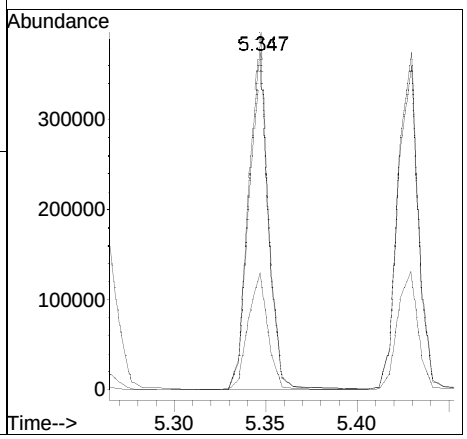


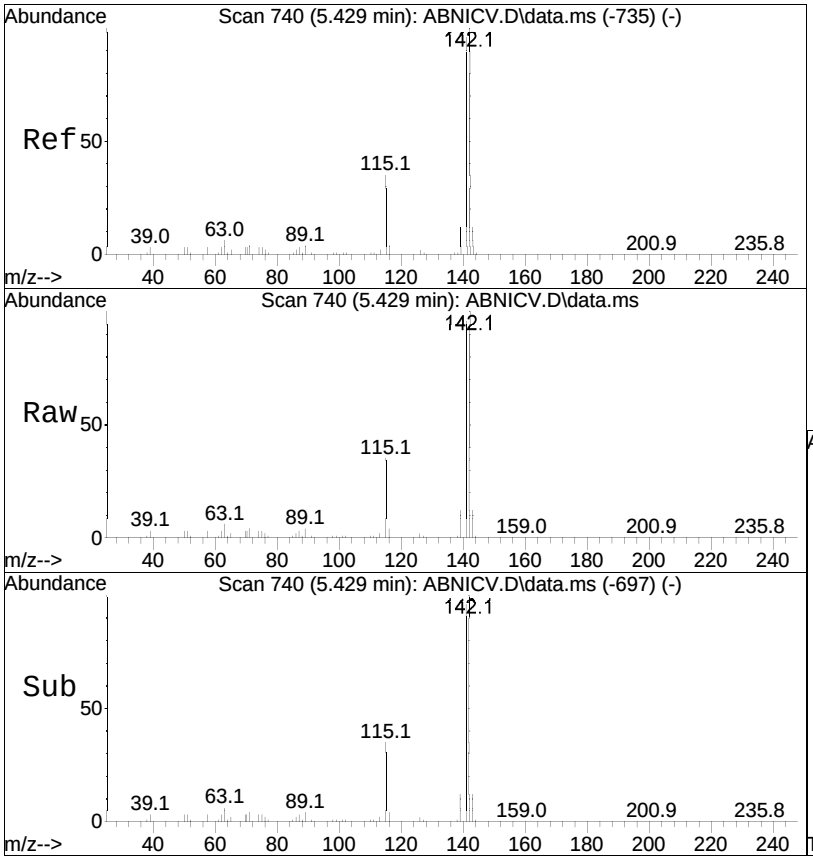


#41
2-Methylnaphthalene
Concen: 49.85 ug/ml
RT: 5.347 min Scan# 726
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:142 Resp: 294986

Ion	Ratio	Lower	Upper
142	100		
141	93.4	69.5	104.3
115	33.1	25.4	38.2

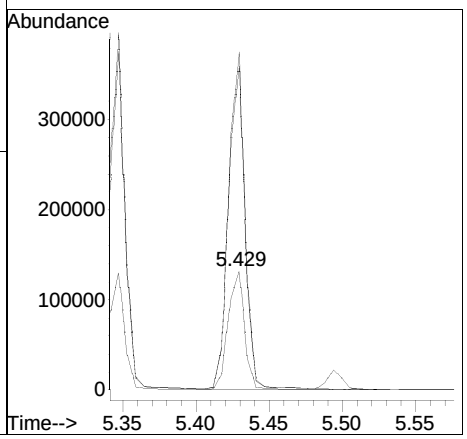


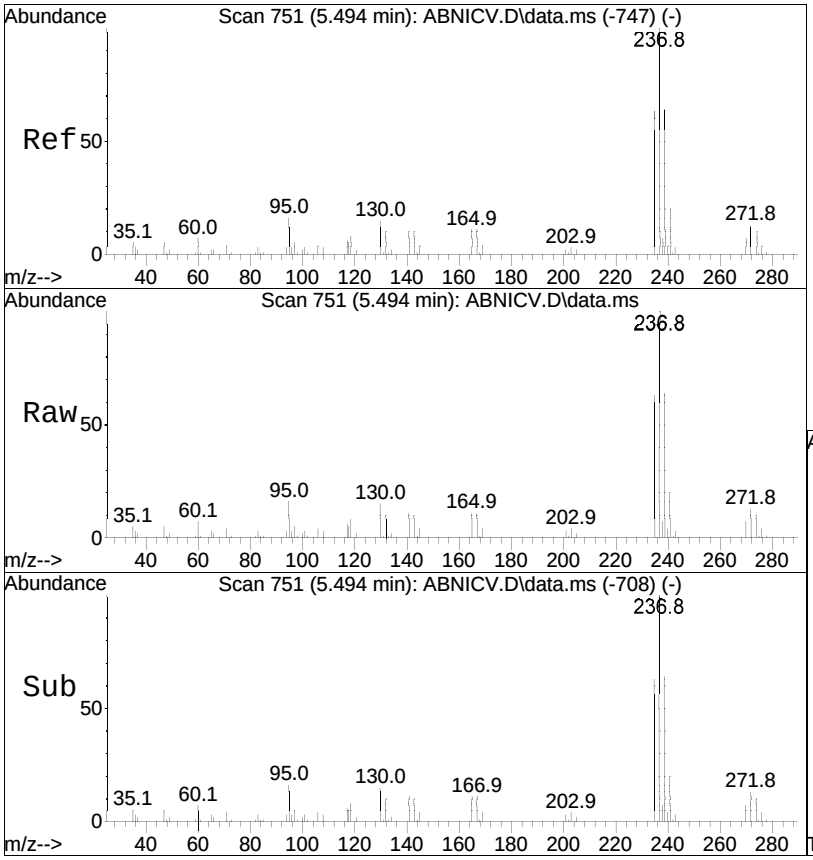


#42
1-Methylnaphthalene
Concen: 48.77 ug/ml
RT: 5.429 min Scan# 740
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:115 Resp: 105441

Ion	Ratio	Lower	Upper
115	100		
141	268.4	218.1	327.1
142	283.1	245.3	367.9

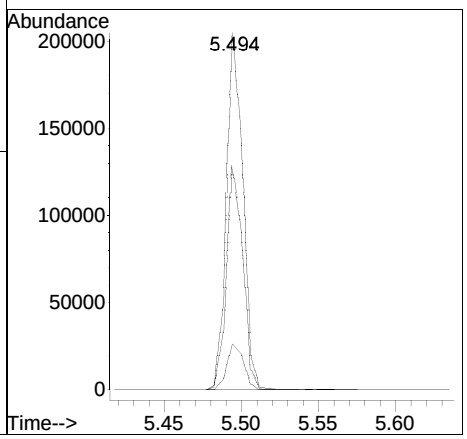


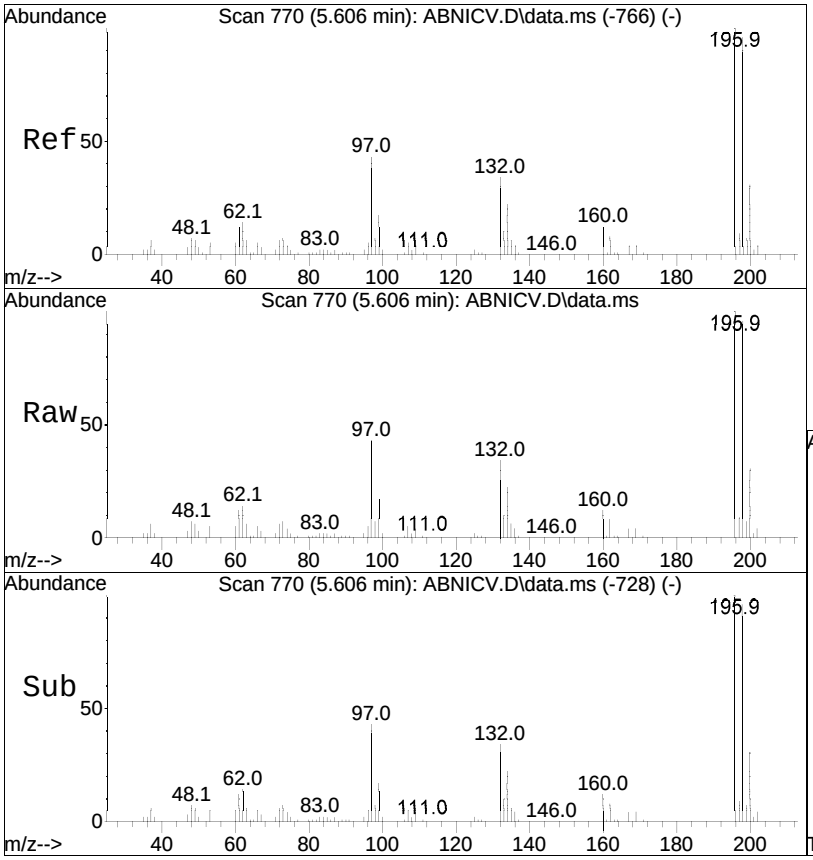


#43
Hexachlorocyclopentadiene
Concen: 54.24 ug/ml
RT: 5.494 min Scan# 751
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:237 Resp: 151356

Ion	Ratio	Lower	Upper
237	100		
235	62.5	49.9	74.9
272	13.3	11.4	17.2

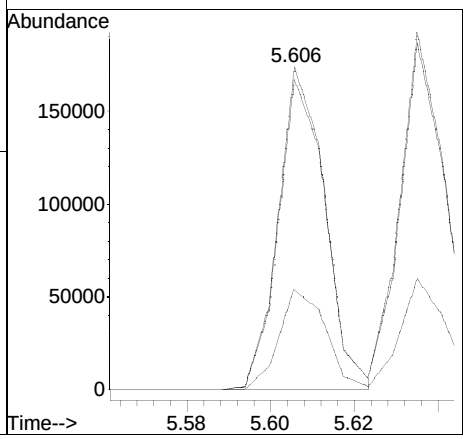


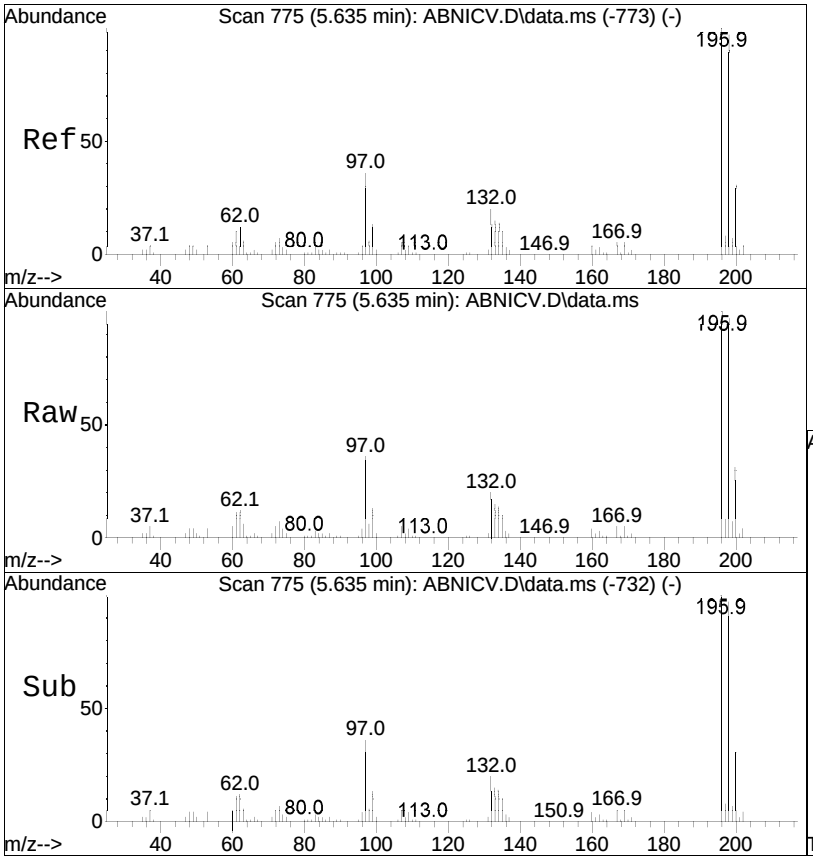


#44
2,4,6-Trichlorophenol
Concen: 50.64 ug/ml
RT: 5.606 min Scan# 770
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:196 Resp: 134853

Ion	Ratio	Lower	Upper
196	100		
198	96.9	77.0	115.6
200	31.3	25.0	37.6

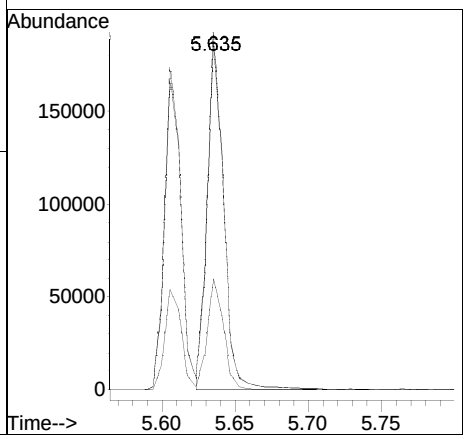


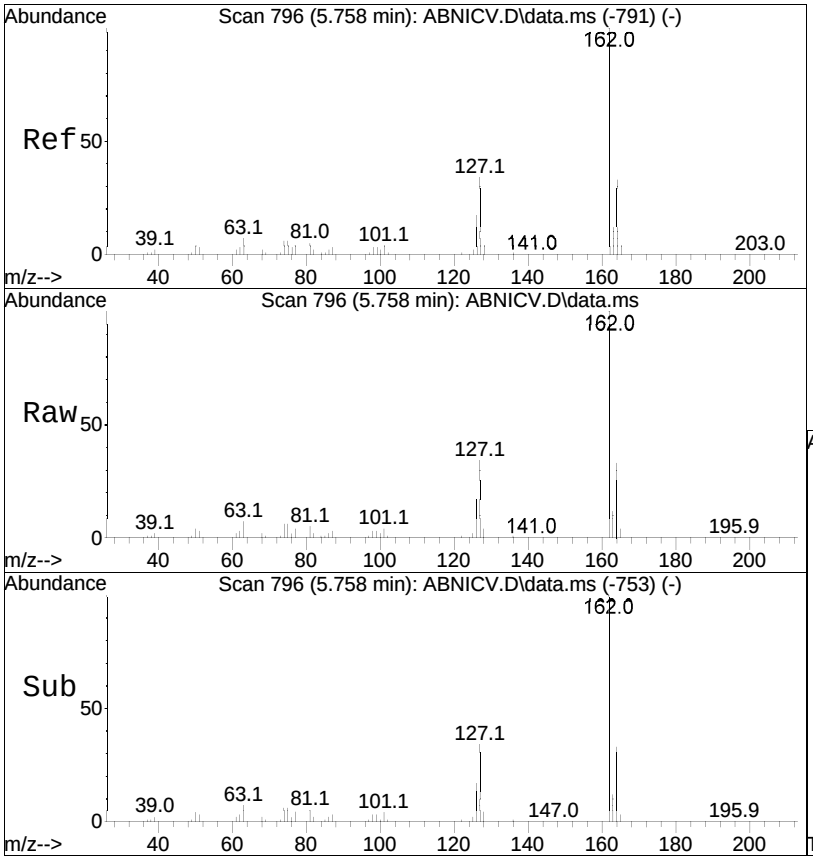


#45
2,4,5-Trichlorophenol
Concen: 51.86 ug/ml
RT: 5.635 min Scan# 775
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:196 Resp: 151853

Ion	Ratio	Lower	Upper
196	100		
200	30.6	24.9	37.3
198	97.5	78.5	117.7

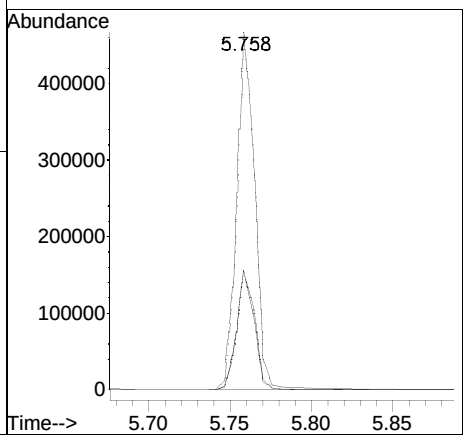


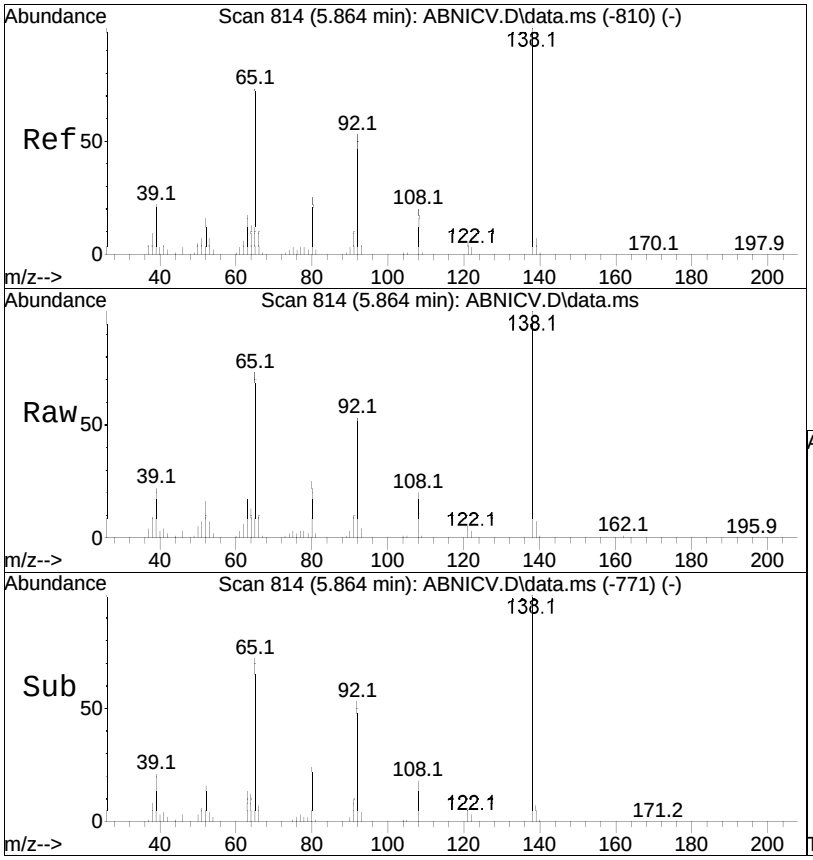


#47
2-Chloronaphthalene
Concen: 50.40 ug/ml
RT: 5.758 min Scan# 796
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:162 Resp: 355843

Ion	Ratio	Lower	Upper
162	100		
127	32.6	28.0	42.0
164	33.5	26.6	39.8

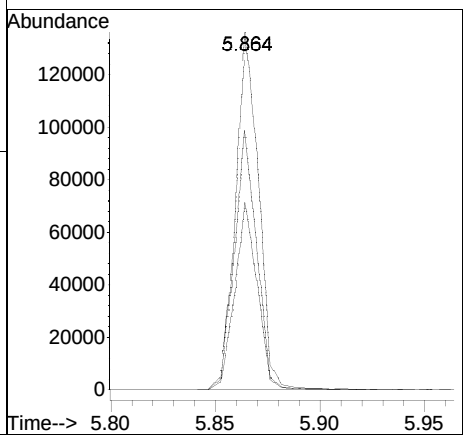


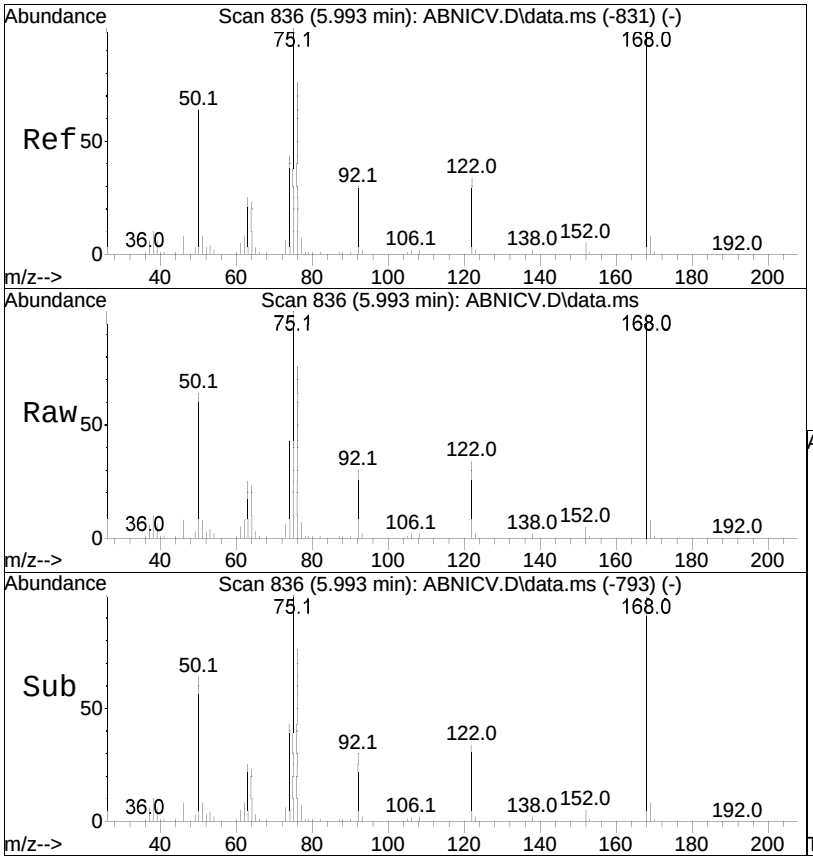


#48
2-Nitroaniline
Concen: 52.80 ug/ml
RT: 5.864 min Scan# 814
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:138 Resp: 102673

Ion	Ratio	Lower	Upper
138	100		
92	51.6	41.7	62.5
65	71.1	61.5	92.3

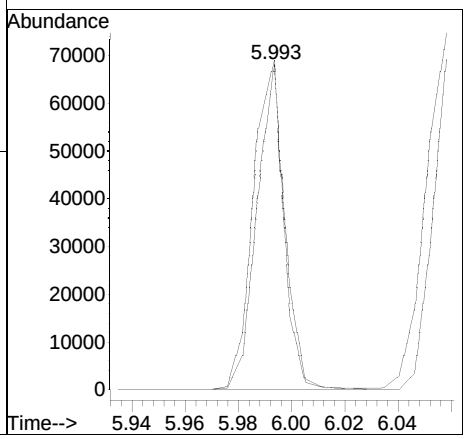


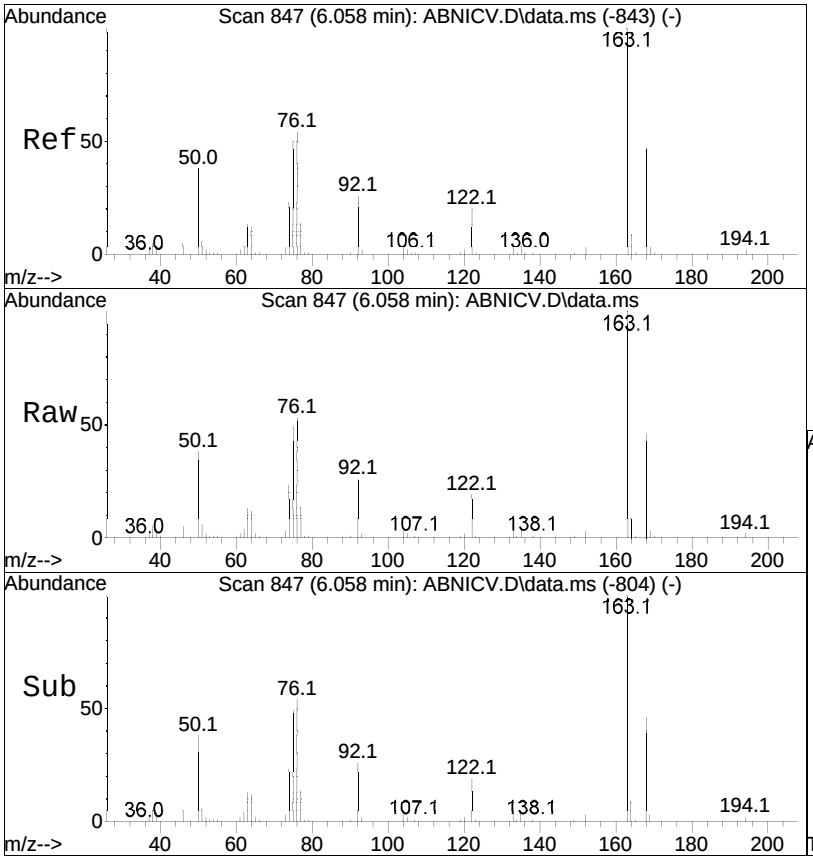


#49
1,4-Dinitrobenzene
Concen: 55.24 ug/ml
RT: 5.993 min Scan# 836
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:168 Resp: 49755

Ion	Ratio	Lower	Upper
168	100		
75	109.7	102.0	153.0

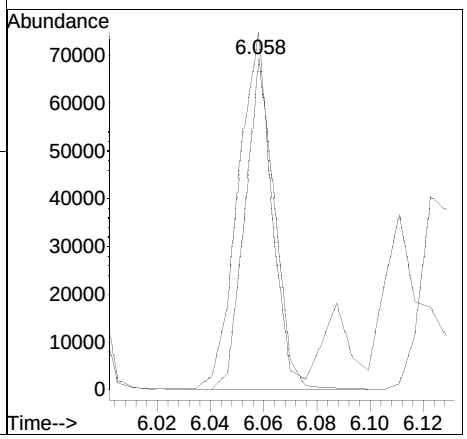


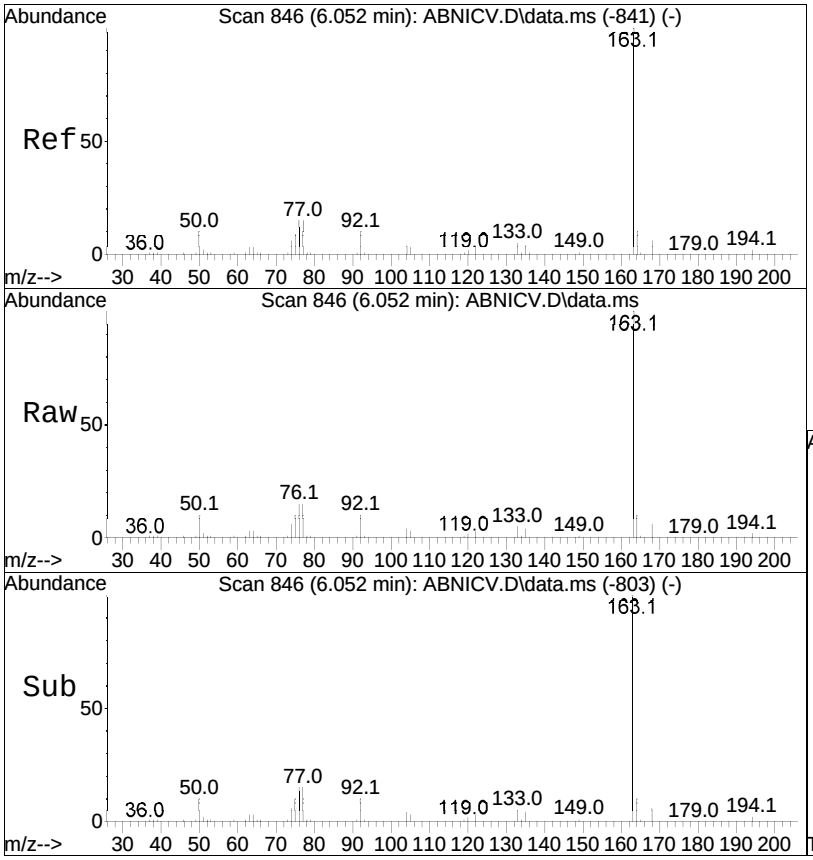


#50
1,3-Dinitrobenzene
Concen: 51.93 ug/ml
RT: 6.058 min Scan# 847
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:168 Resp: 54098

Ion	Ratio	Lower	Upper
168	100		
75	121.4	107.1	160.7

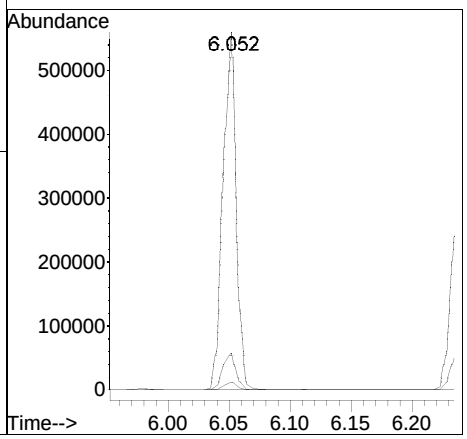


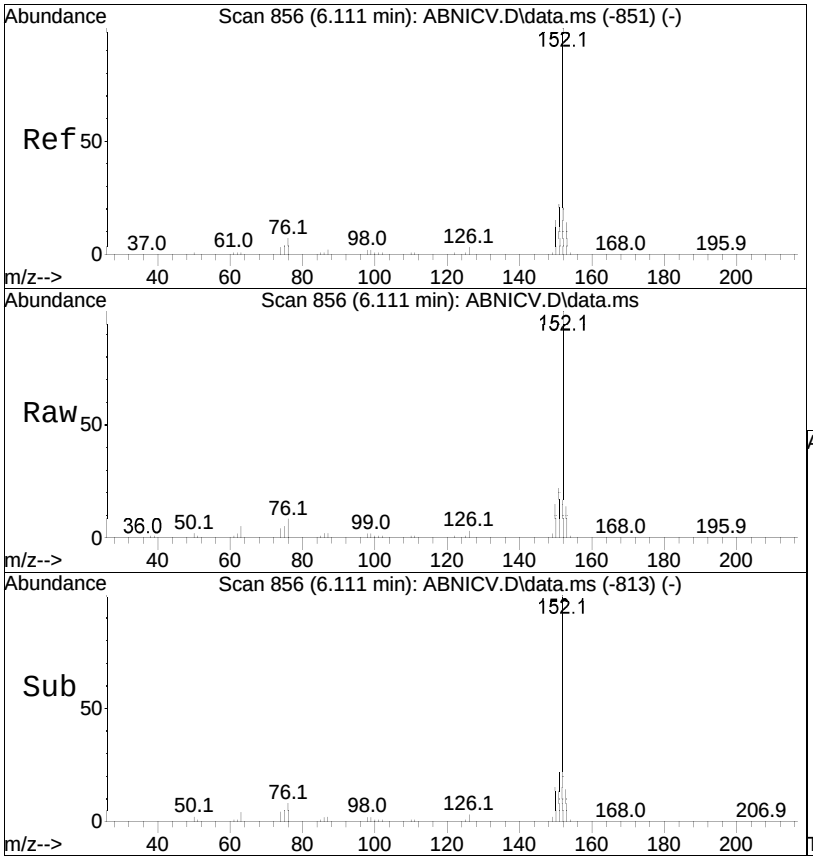


#51
Dimethyl phthalate
Concen: 49.21 ug/ml
RT: 6.052 min Scan# 846
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:163 Resp: 418989

Ion	Ratio	Lower	Upper
163	100		
194	2.1	3.4	5.2#
164	10.3	8.4	12.6

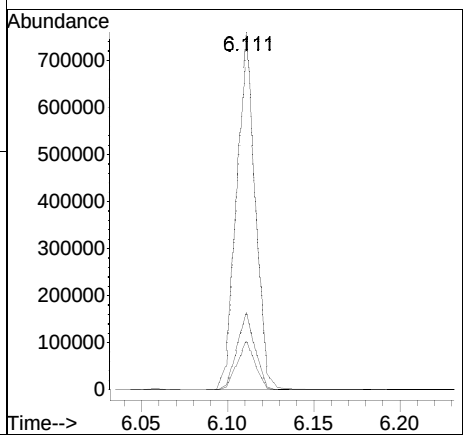


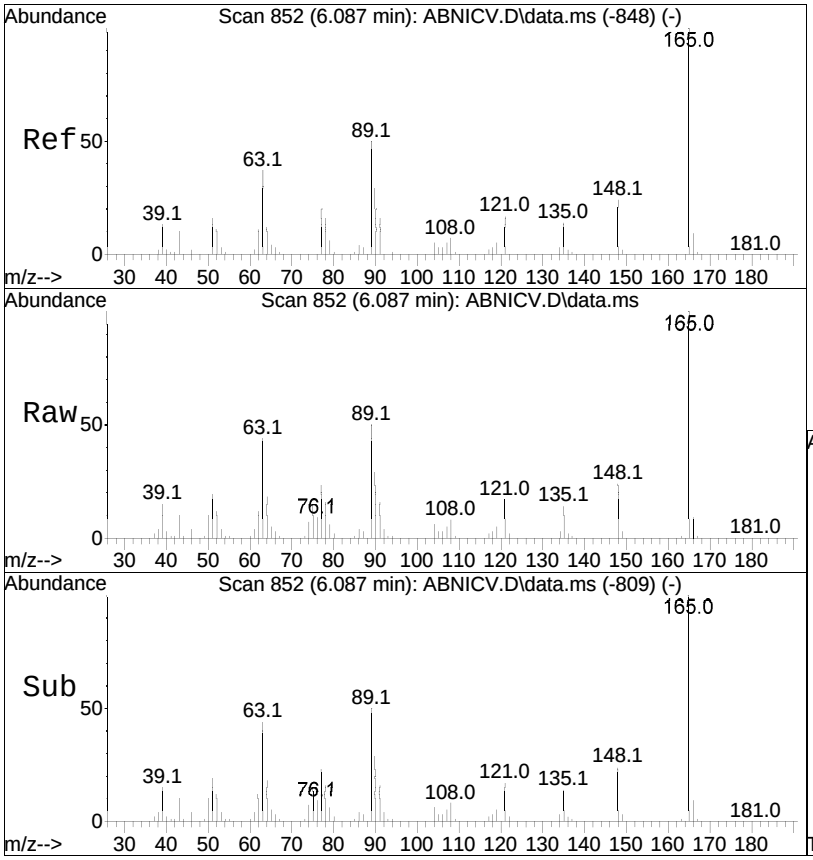


#52
Acenaphthylene
Concen: 51.28 ug/ml
RT: 6.111 min Scan# 856
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:152 Resp: 569457

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.7	25.1
153	13.5	11.1	16.7

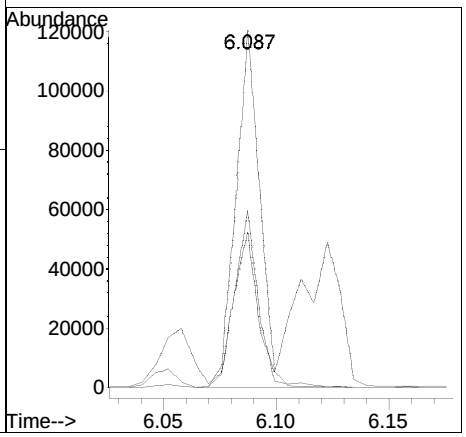


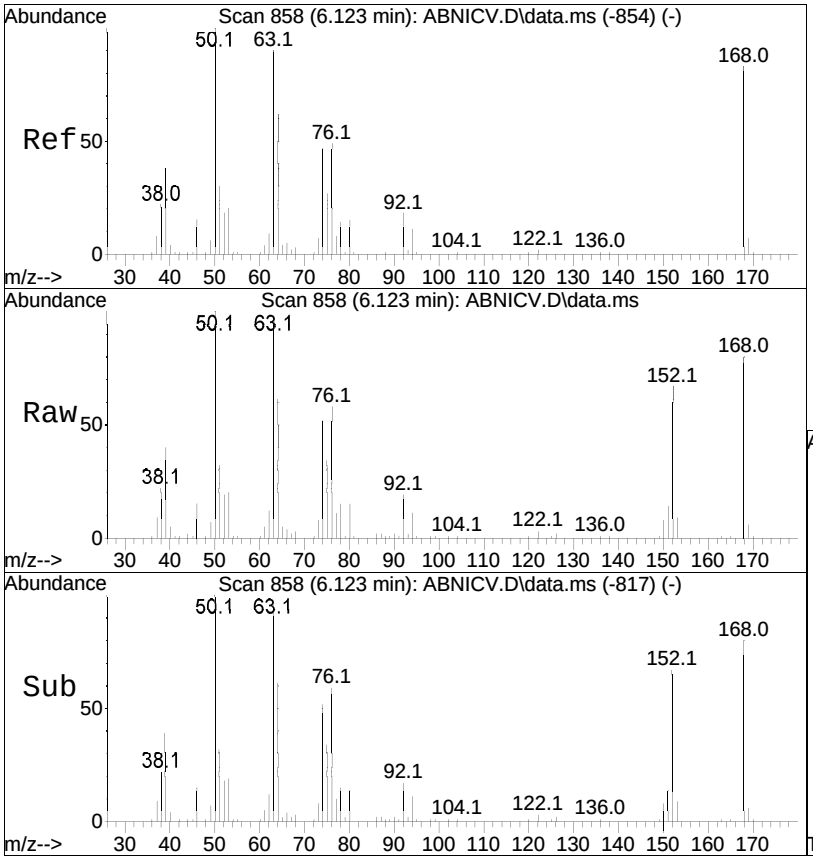


#53
2,6-Dinitrotoluene
Concen: 50.73 ug/ml
RT: 6.087 min Scan# 852
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:165 Resp: 88219

Ion	Ratio	Lower	Upper
165	100		
89	49.4	43.1	64.7
63	44.6	42.7	64.1

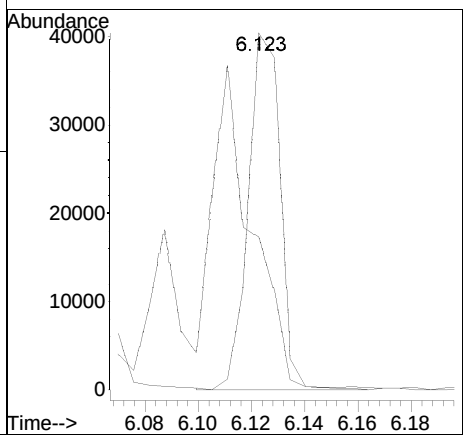


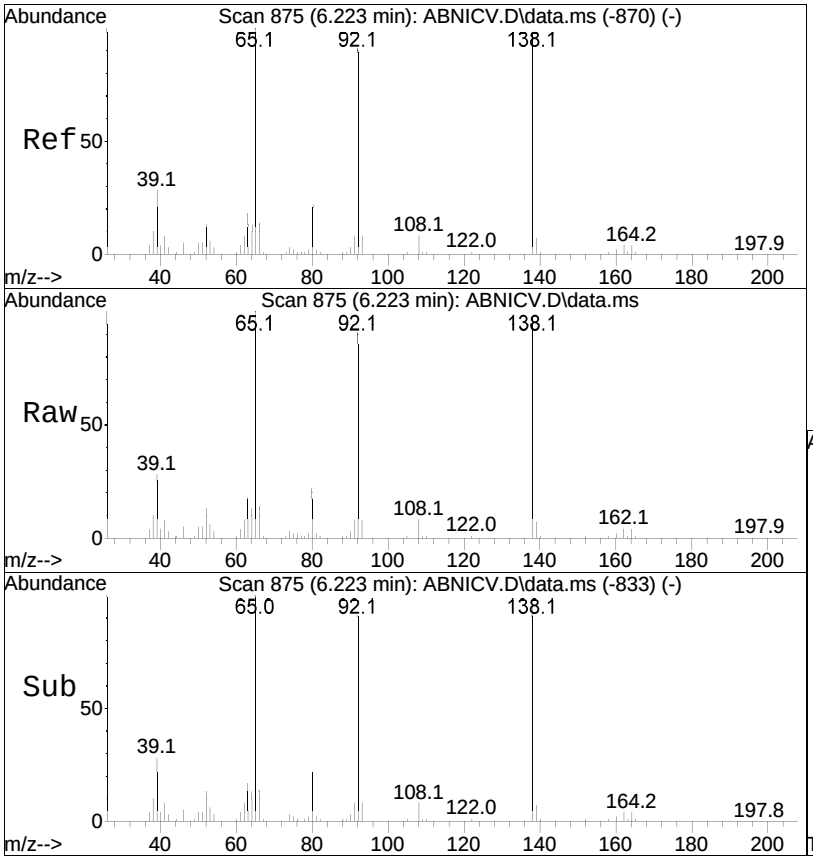


#54
1,2-Dinitrobenzene
Concen: 52.22 ug/ml
RT: 6.123 min Scan# 858
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:168 Resp: 33676

Ion	Ratio	Lower	Upper
168	100		
75	113.3	92.2	138.2

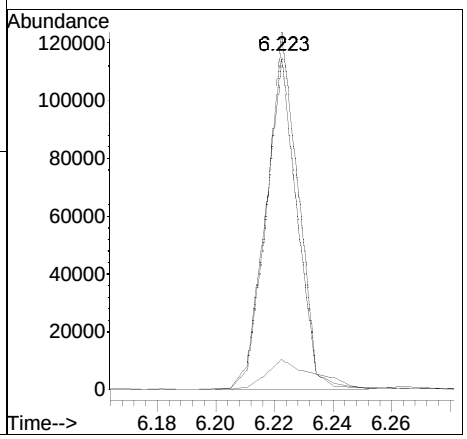


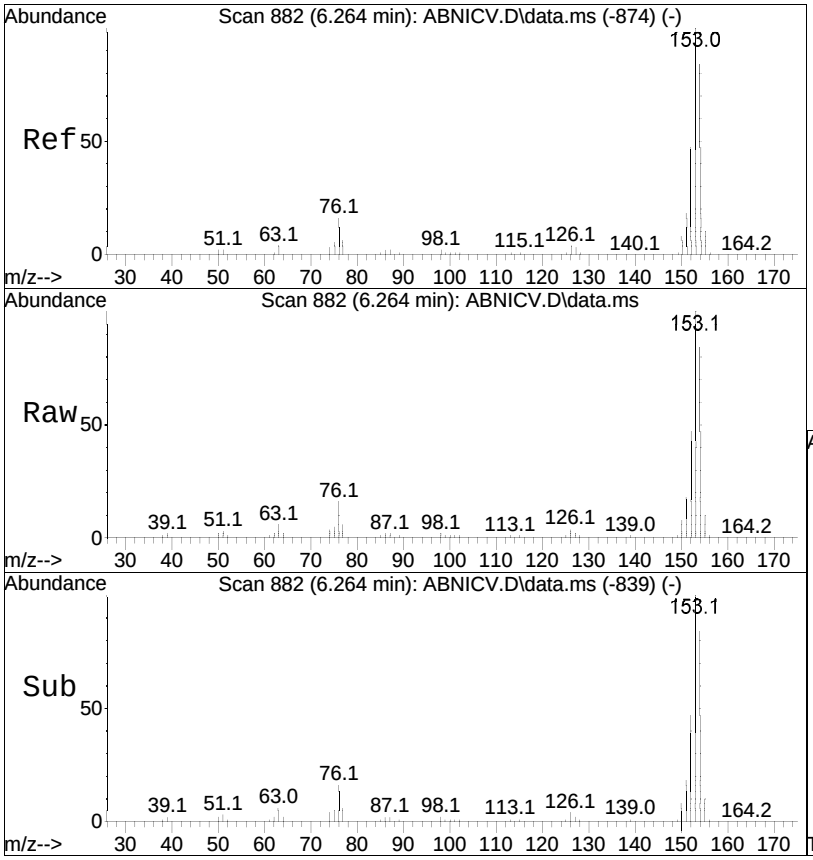


#64
3-Nitroaniline
Concen: 52.01 ug/ml
RT: 6.223 min Scan# 875
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:138 Resp: 90382

Ion	Ratio	Lower	Upper
138	100		
92	95.4	77.5	116.3
108	13.2	7.0	10.4#

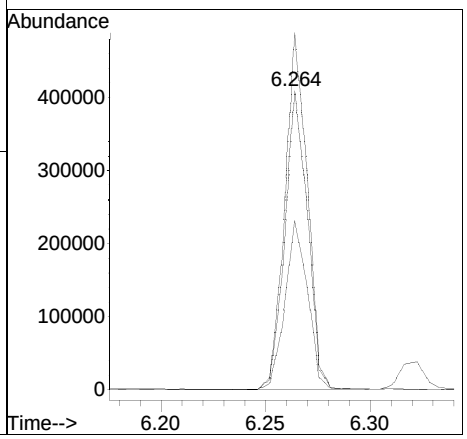


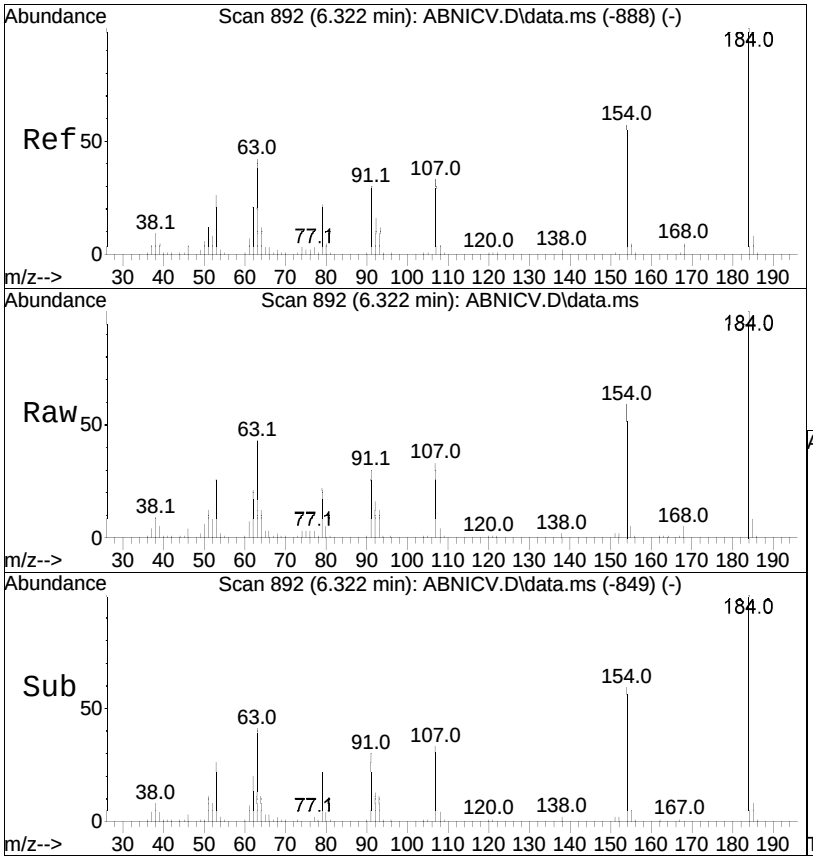


#65
Acenaphthene
Concen: 49.42 ug/ml
RT: 6.264 min Scan# 882
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:154 Resp: 308889

Ion	Ratio	Lower	Upper
154	100		
153	118.4	89.4	134.0
152	56.5	42.2	63.2

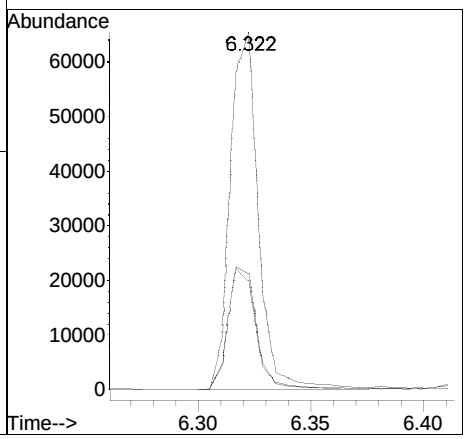


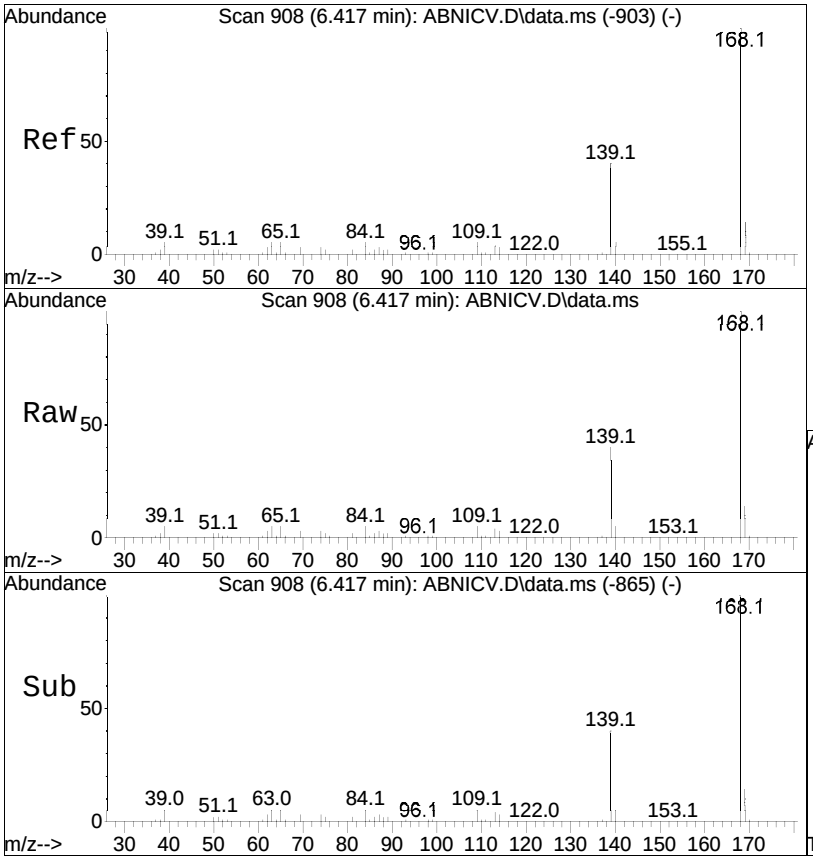


#66
2,4-Dinitrophenol
Concen: 50.71 ug/ml
RT: 6.322 min Scan# 892
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:184 Resp: 56671

Ion	Ratio	Lower	Upper
184	100		
107	35.8	31.4	47.2
91	35.2	37.2	55.8#

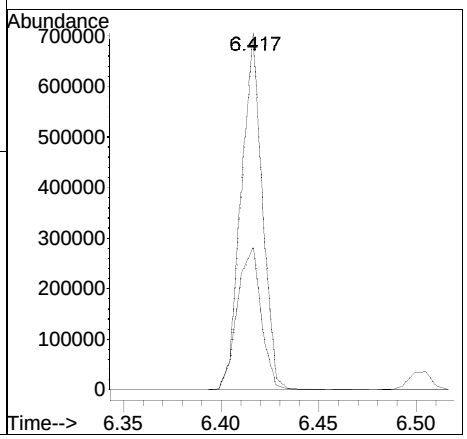


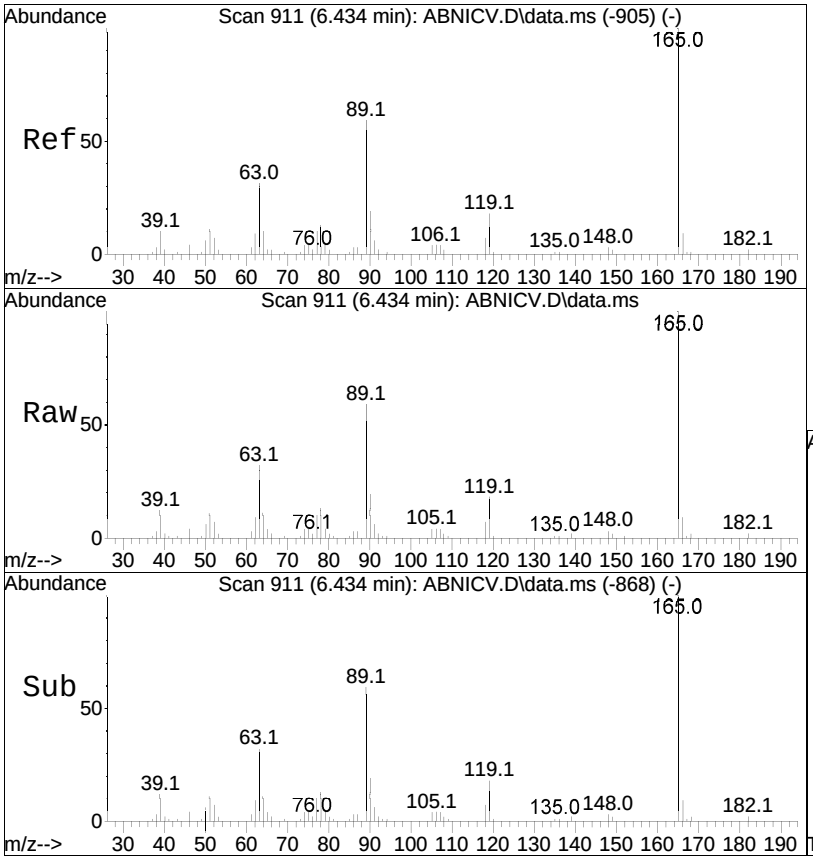


#67
Dibenzofuran
Concen: 49.90 ug/ml
RT: 6.417 min Scan# 908
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:168 Resp: 525142

Ion	Ratio	Lower	Upper
168	100		
139	46.3	28.0	42.0#

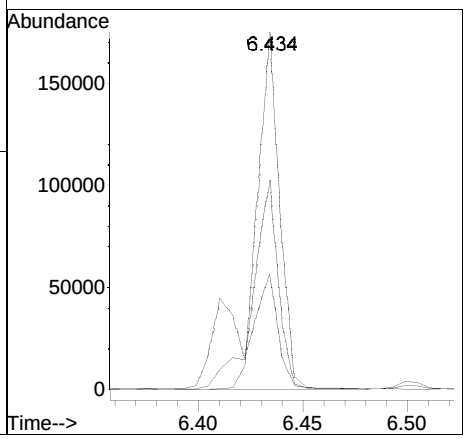


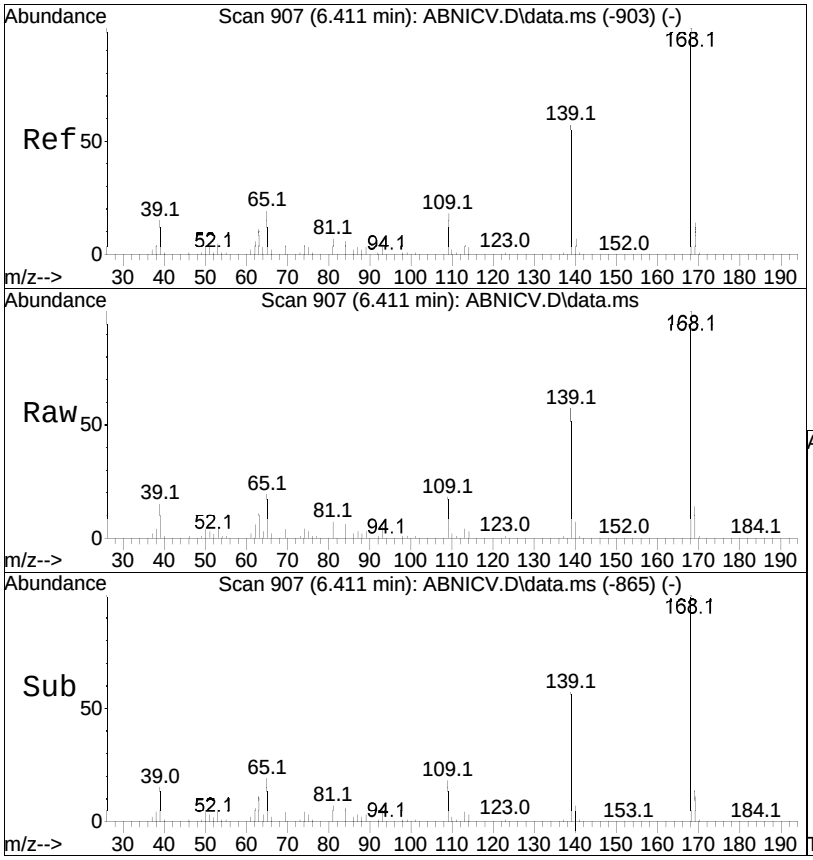


#68
2,4-Dinitrotoluene
Concen: 52.38 ug/ml
RT: 6.434 min Scan# 911
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:165 Resp: 126252

Ion	Ratio	Lower	Upper
165	100		
89	68.4	63.0	94.6
63	31.8	50.3	75.5#

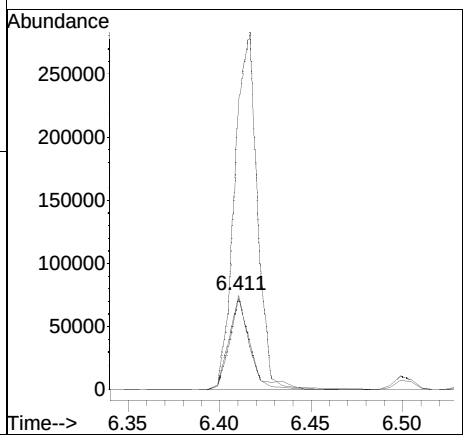


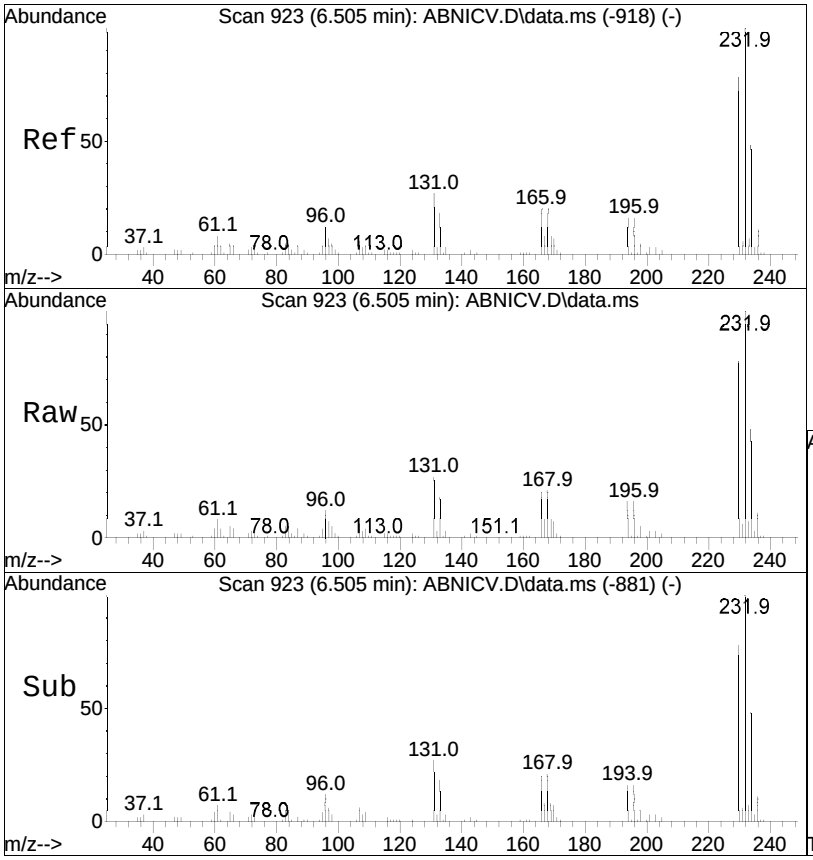


#69
4-Nitrophenol
Concen: 52.72 ug/ml
RT: 6.411 min Scan# 907
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 65 Resp: 61954

Ion	Ratio	Lower	Upper
65	100		
109	91.7	55.3	82.9#
139	392.8	95.1	142.7#

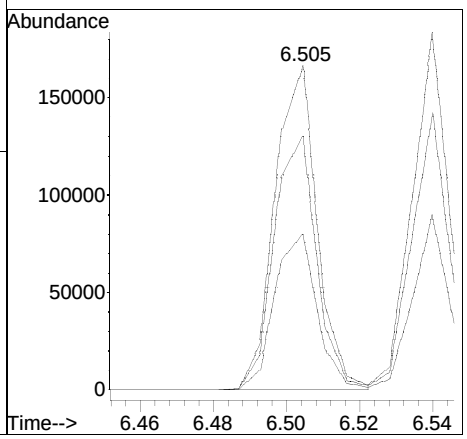


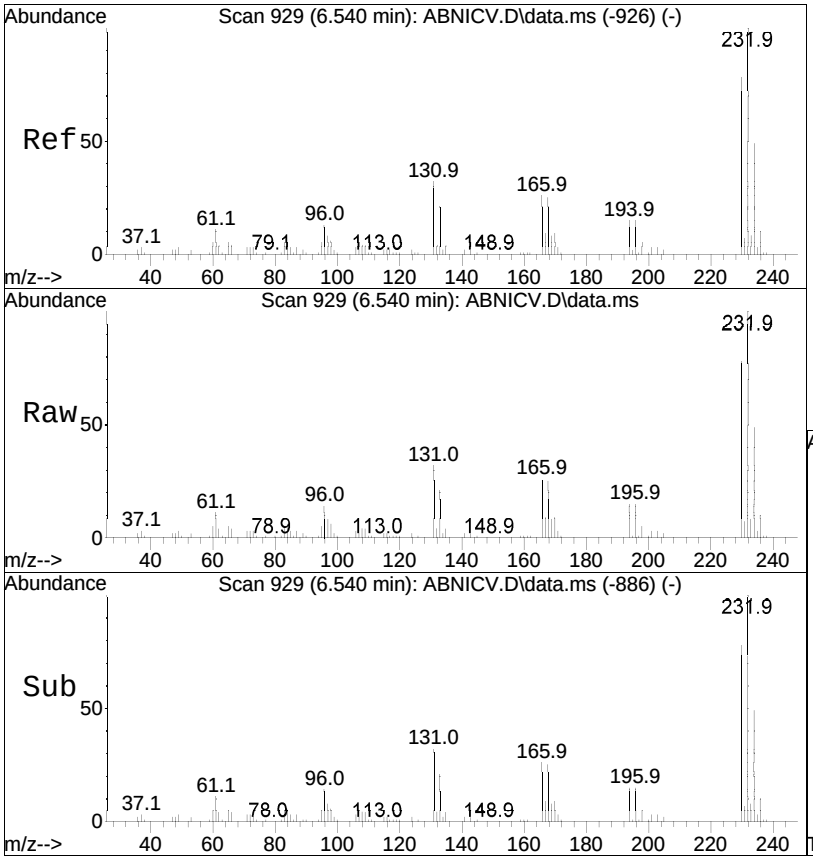


#70
2,3,5,6-Tetrachlorophenol
Concen: 51.95 ug/ml
RT: 6.505 min Scan# 923
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:232 Resp: 133490

Ion	Ratio	Lower	Upper
232	100		
230	79.1	64.4	96.6
234	48.5	38.9	58.3

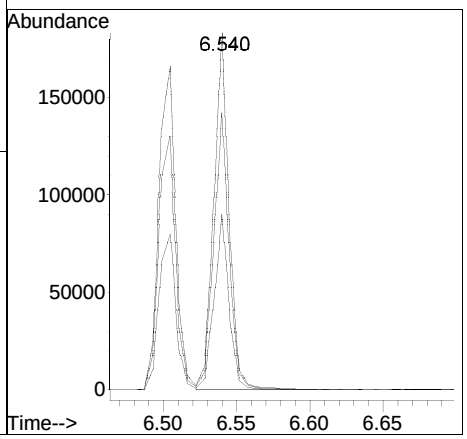


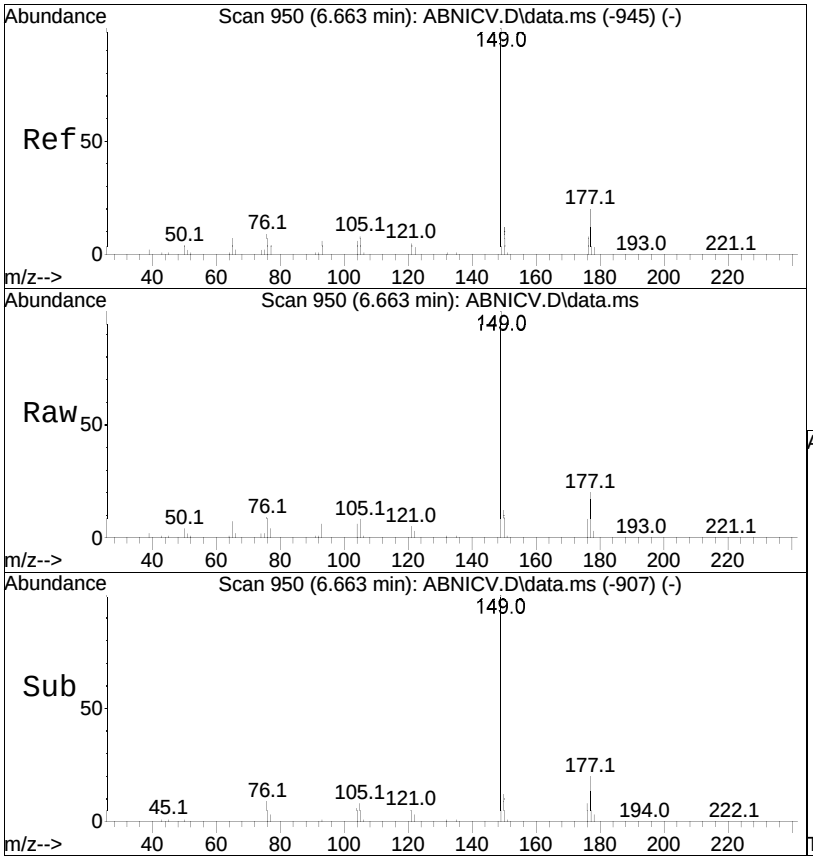


#71
2,3,4,6-Tetrachlorophenol
Concen: 52.52 ug/ml
RT: 6.540 min Scan# 929
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:232 Resp: 133671

Ion	Ratio	Lower	Upper
232	100		
230	78.2	64.2	96.4
234	48.0	38.4	57.6

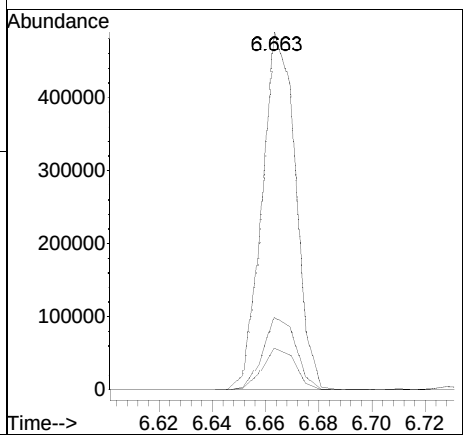


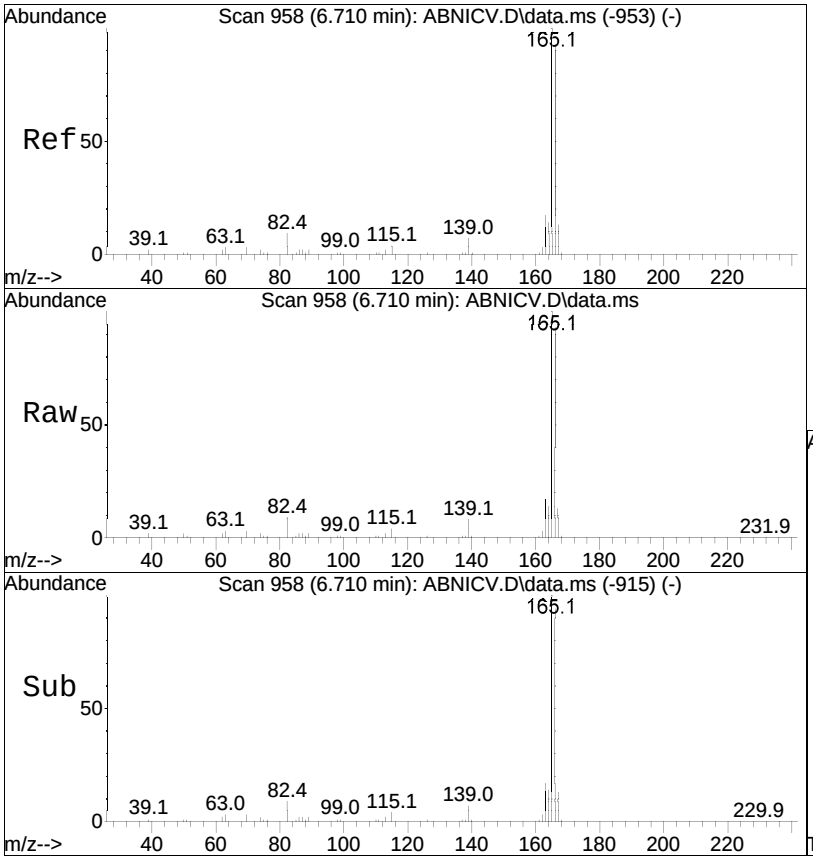


#72
Diethyl phthalate
Concen: 50.36 ug/ml
RT: 6.663 min Scan# 950
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:149 Resp: 420703

Ion	Ratio	Lower	Upper
149	100		
177	20.3	16.2	24.2
150	11.7	9.4	14.0

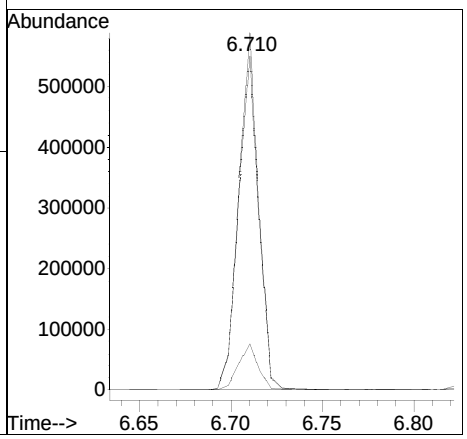


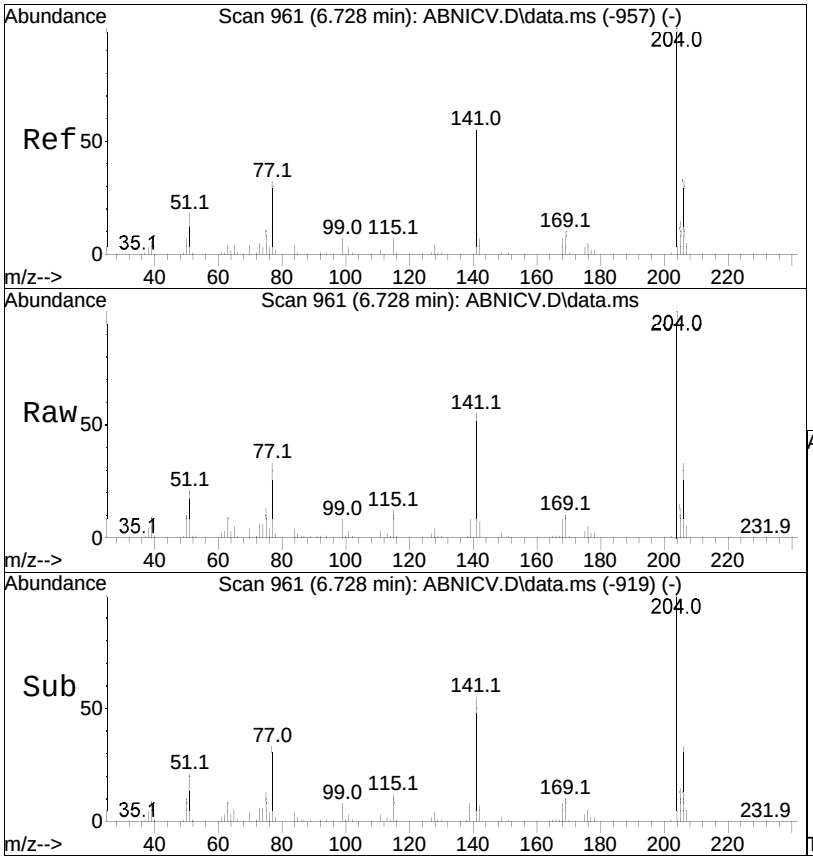


#73
Fluorene
Concen: 50.81 ug/ml
RT: 6.710 min Scan# 958
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:166 Resp: 420492

Ion	Ratio	Lower	Upper
166	100		
165	105.3	77.2	115.8
167	13.6	10.9	16.3

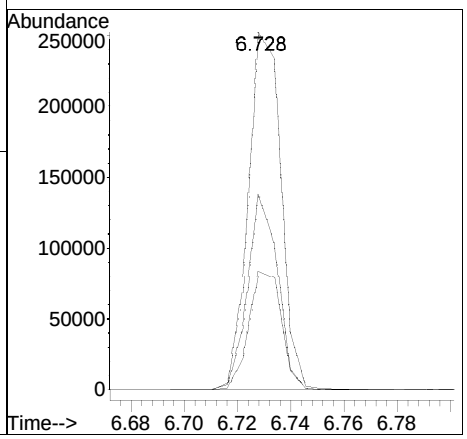


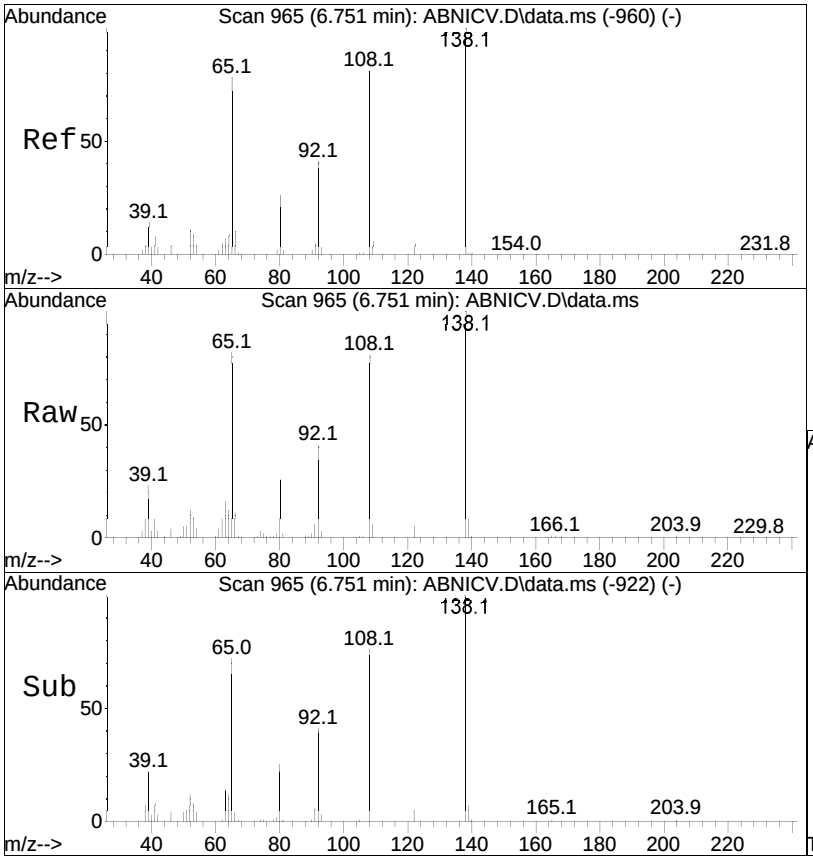


#74
4-Chlorophenyl phenyl ether
Concen: 49.20 ug/ml
RT: 6.728 min Scan# 961
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:204 Resp: 213881

Ion	Ratio	Lower	Upper
204	100		
206	33.6	27.0	40.6
141	50.5	42.2	63.2

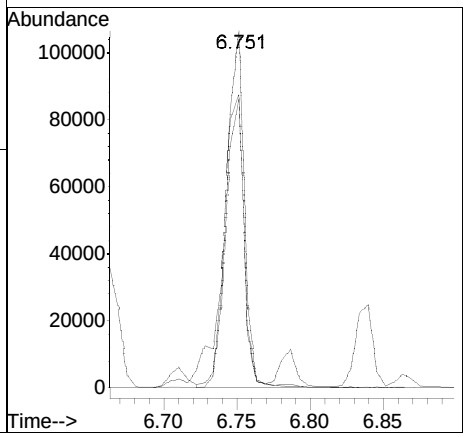


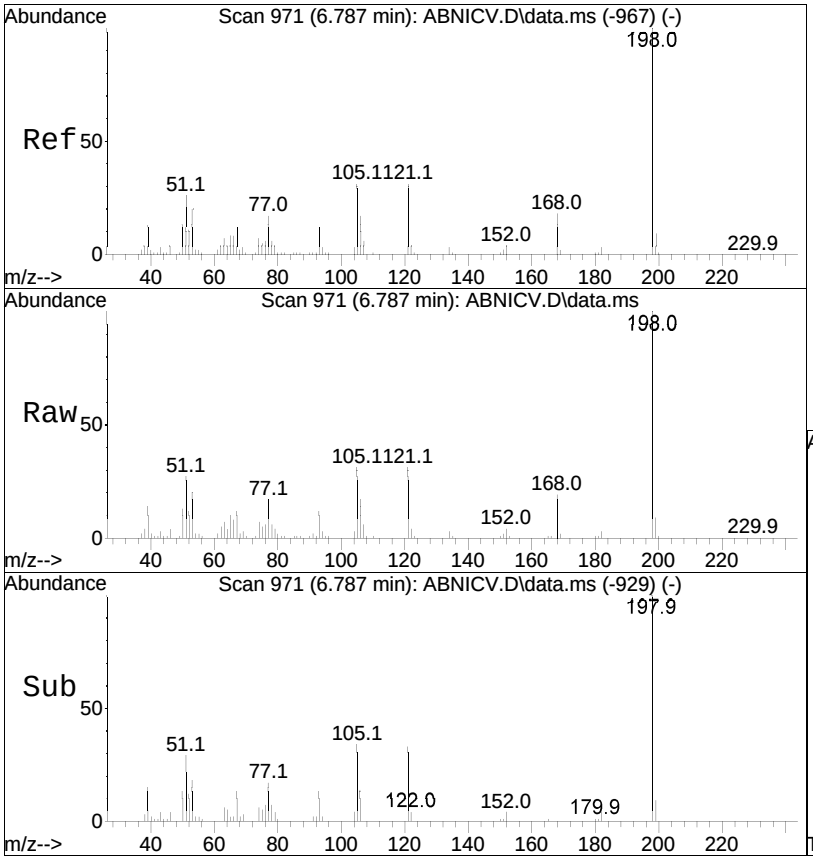


#75
4-Nitroaniline
Concen: 54.25 ug/ml
RT: 6.751 min Scan# 965
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:138 Resp: 90996

Ion	Ratio	Lower	Upper
138	100		
108	81.1	46.7	70.1#
65	98.4	81.2	121.8

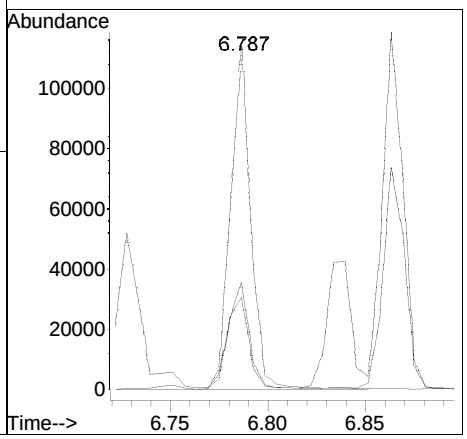


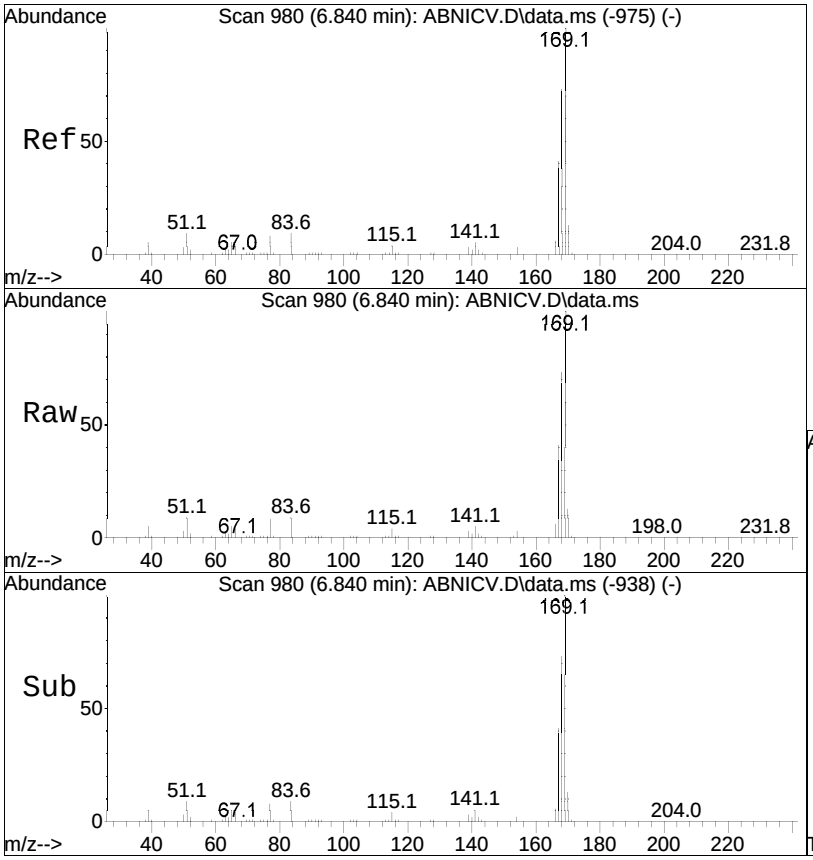


#76
4,6-Dinitro-o-cresol
Concen: 56.53 ug/ml
RT: 6.787 min Scan# 971
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:198 Resp: 82269

Ion	Ratio	Lower	Upper
198	100		
51	29.1	35.0	52.6#
105	32.5	32.3	48.5

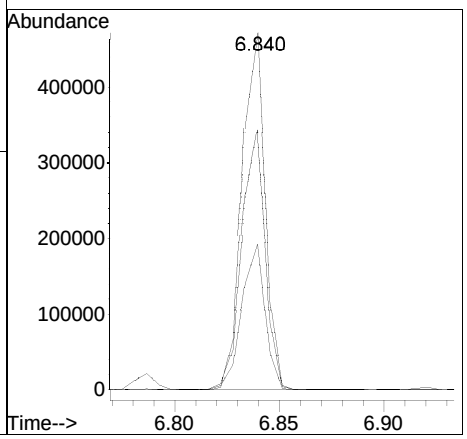


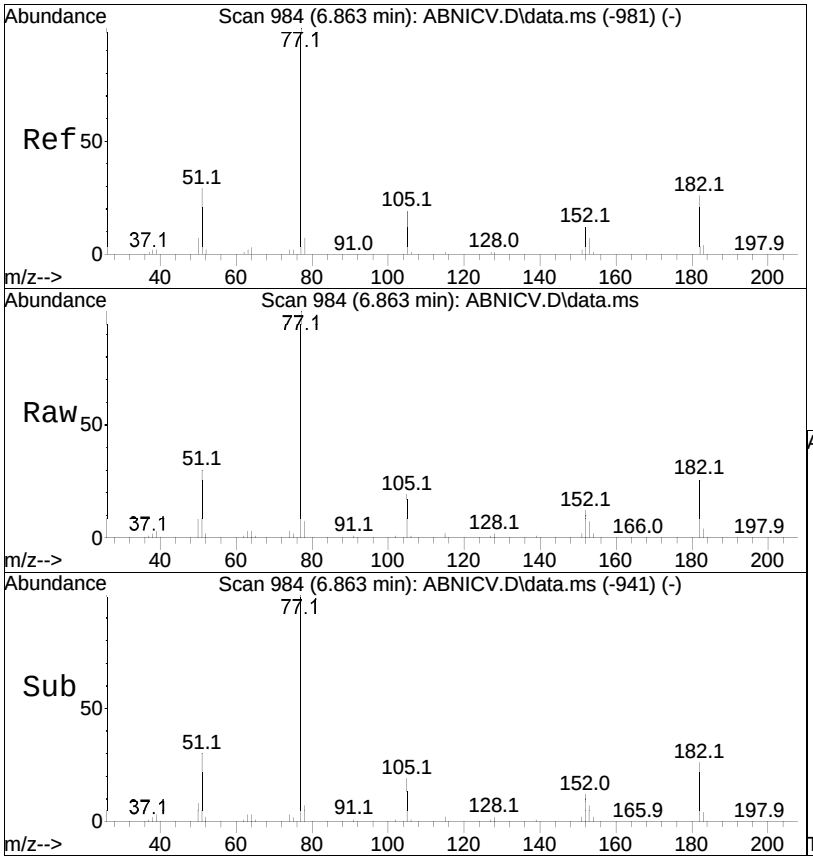


#77
NDPA/DPA
Concen: 50.63 ug/ml
RT: 6.840 min Scan# 980
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:169 Resp: 361488

Ion	Ratio	Lower	Upper
169	100		
168	73.7	54.6	82.0
167	41.8	30.7	46.1

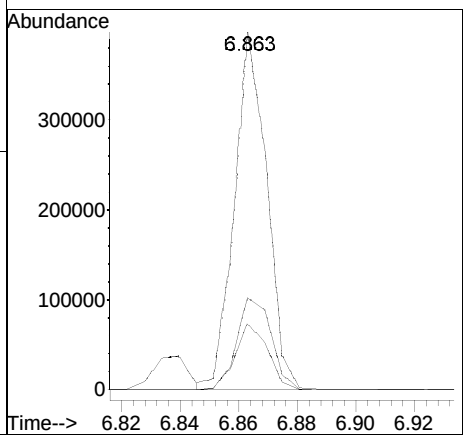


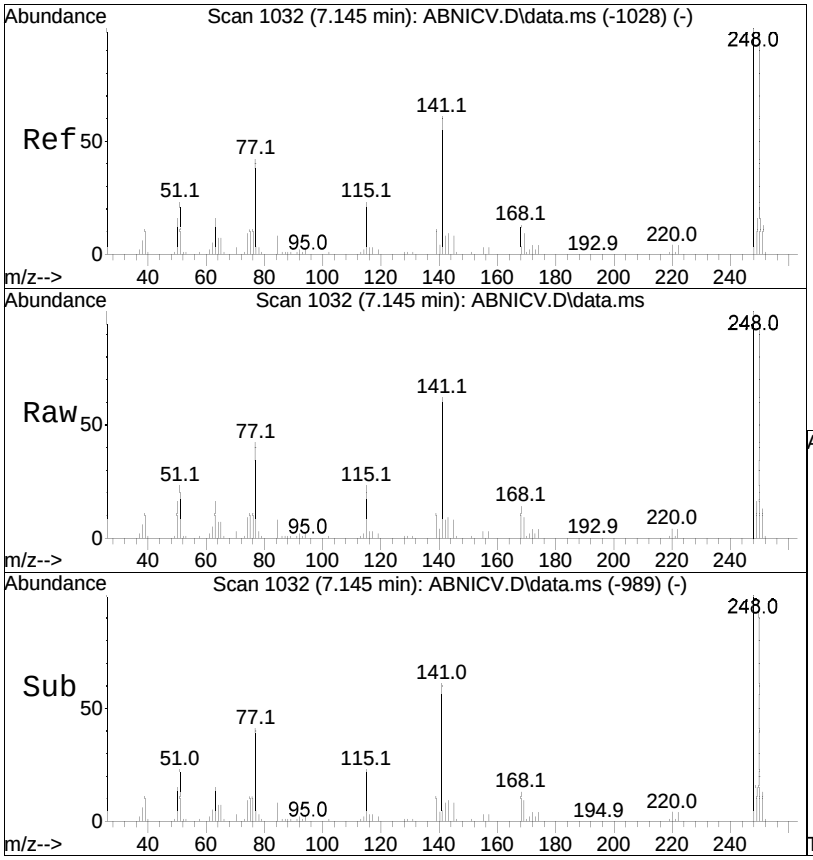


#78
Azobenzene
Concen: 48.59 ug/ml
RT: 6.863 min Scan# 984
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion: 77 Resp: 301095

Ion	Ratio	Lower	Upper
77	100		
182	27.8	19.8	29.8
105	19.2	12.1	18.1#

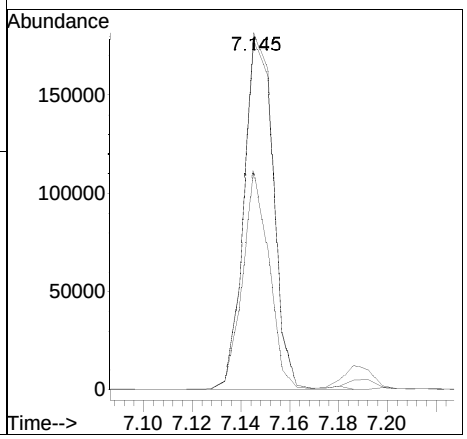


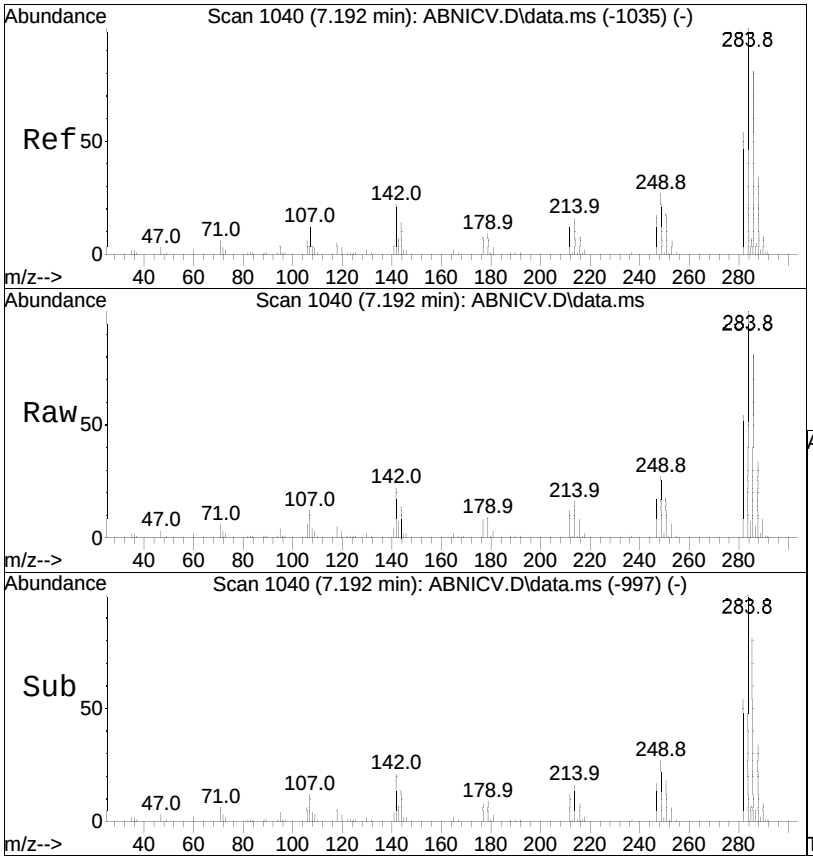


#80
4-Bromophenyl phenyl ether
Concen: 50.25 ug/ml
RT: 7.145 min Scan# 1032
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:248 Resp: 152782

Ion	Ratio	Lower	Upper
248	100		
141	55.1	46.6	70.0
250	97.7	79.4	119.2

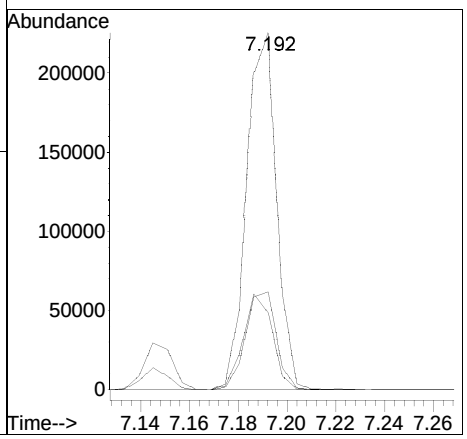


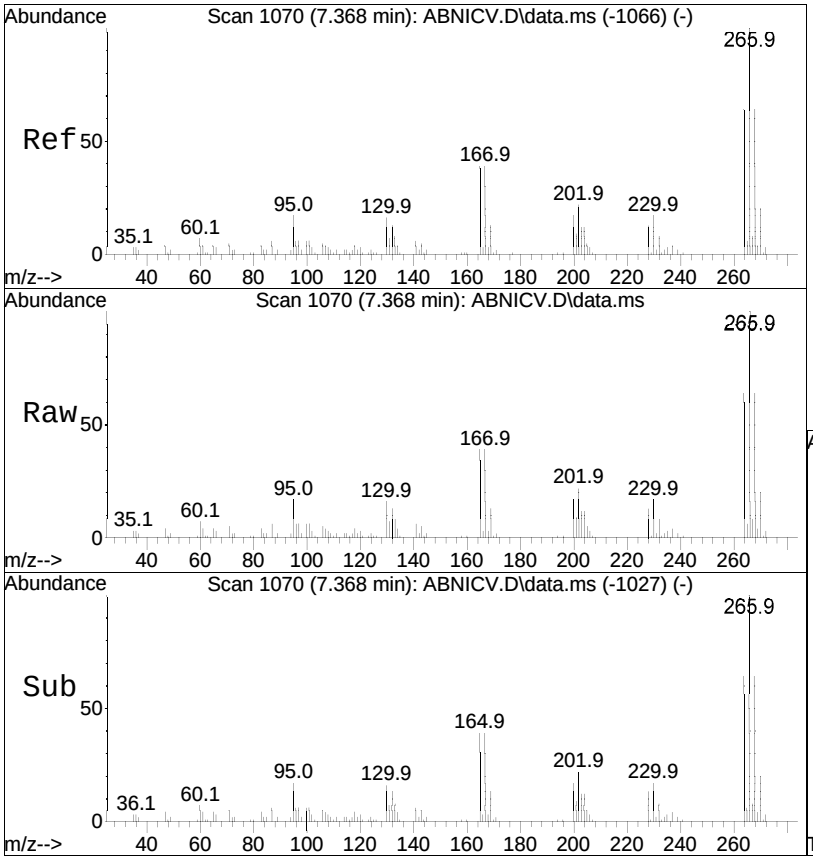


#81
Hexachlorobenzene
Concen: 51.27 ug/ml
RT: 7.192 min Scan# 1040
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:284 Resp: 191814

Ion	Ratio	Lower	Upper
284	100		
142	26.4	26.0	39.0
249	28.4	20.6	30.8

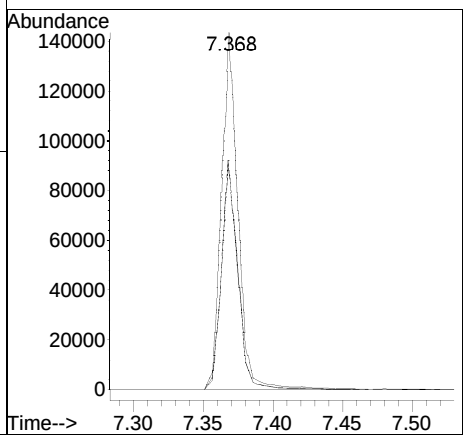


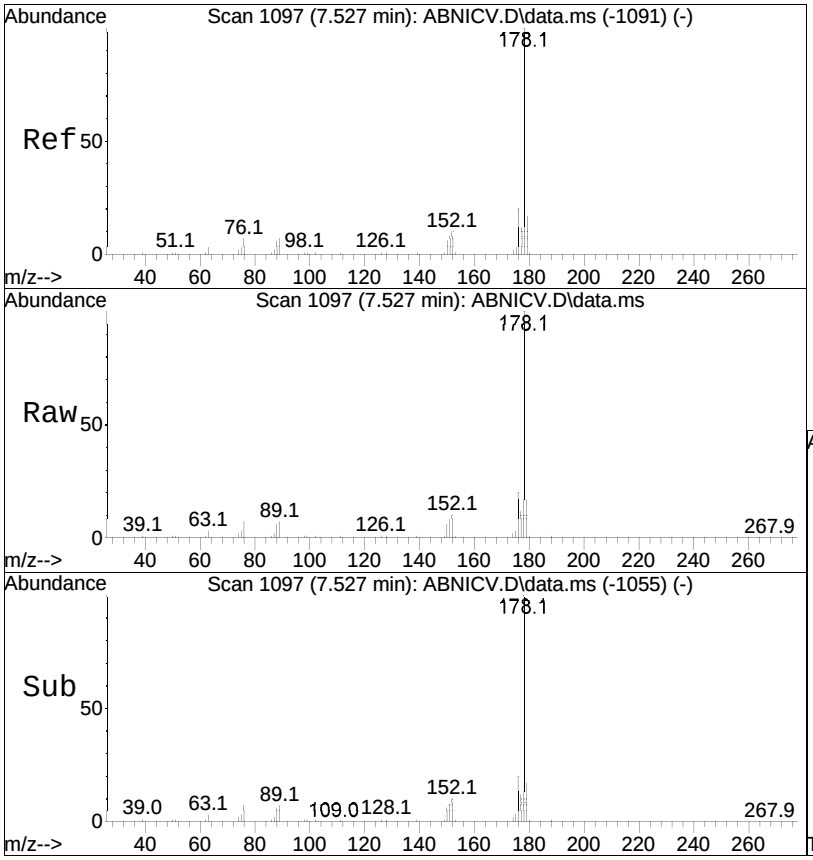


#82
Pentachlorophenol
Concen: 57.29 ug/ml
RT: 7.368 min Scan# 1070
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:266 Resp: 117610

Ion	Ratio	Lower	Upper
266	100		
264	63.4	51.2	76.8
268	63.6	51.5	77.3

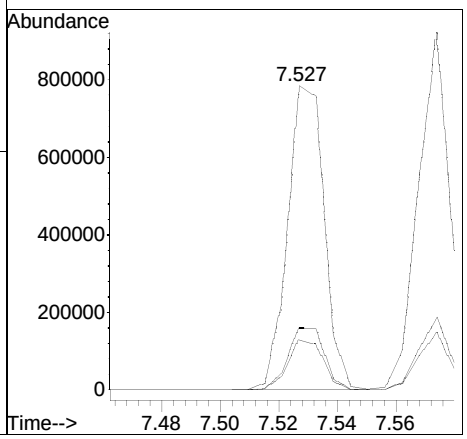


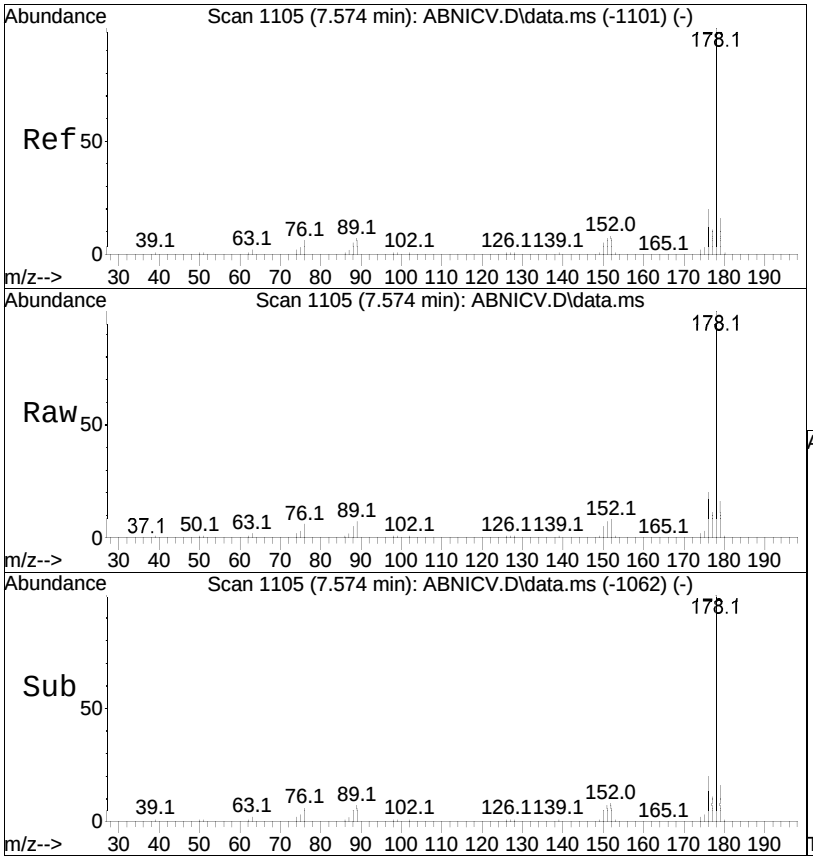


#89
Phenanthrene
Concen: 47.69 ug/ml
RT: 7.527 min Scan# 1097
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:178 Resp: 681234

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.7	19.1
176	20.5	15.8	23.6

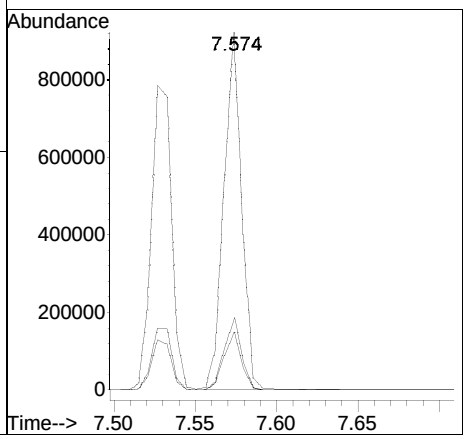


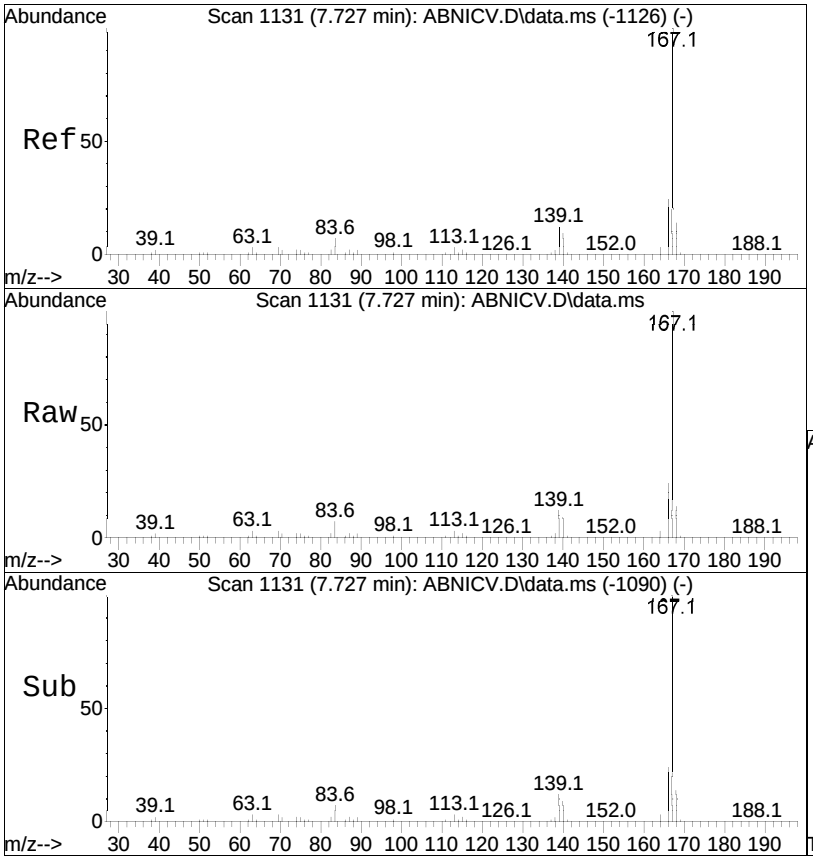


#90
Anthracene
Concen: 48.68 ug/ml
RT: 7.574 min Scan# 1105
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:178 Resp: 699344

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.5	18.7
176	19.9	15.4	23.0

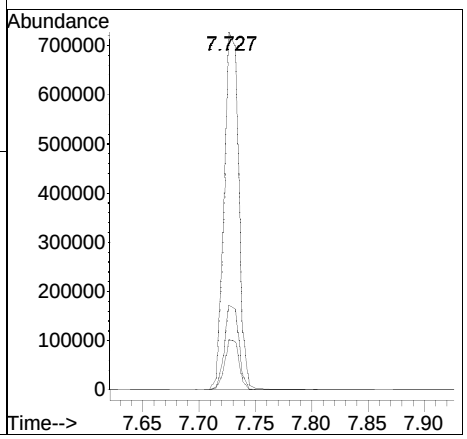


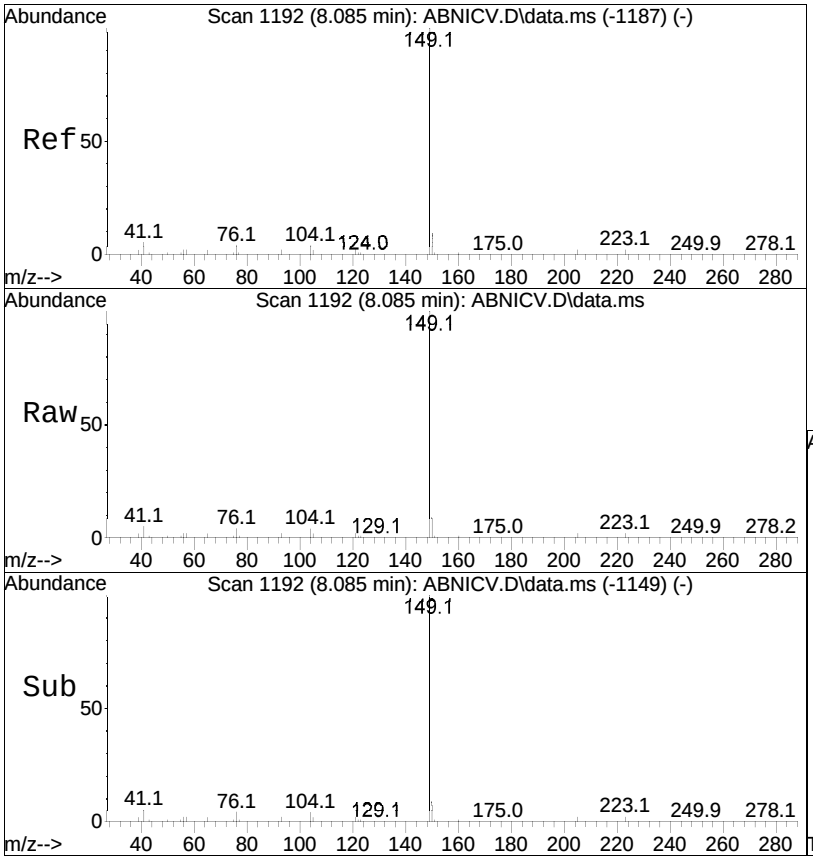


#91
Carbazole
Concen: 48.98 ug/ml
RT: 7.727 min Scan# 1131
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:167 Resp: 647692

Ion	Ratio	Lower	Upper
167	100		
168	14.0	11.3	16.9
166	23.5	17.8	26.8

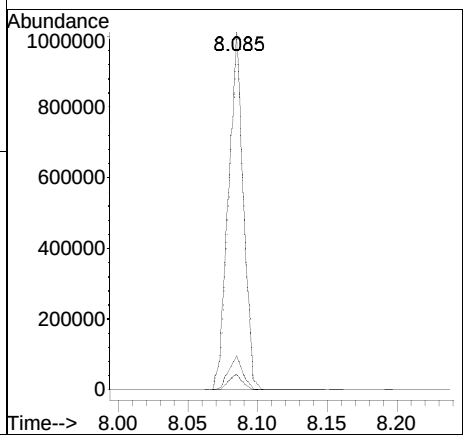


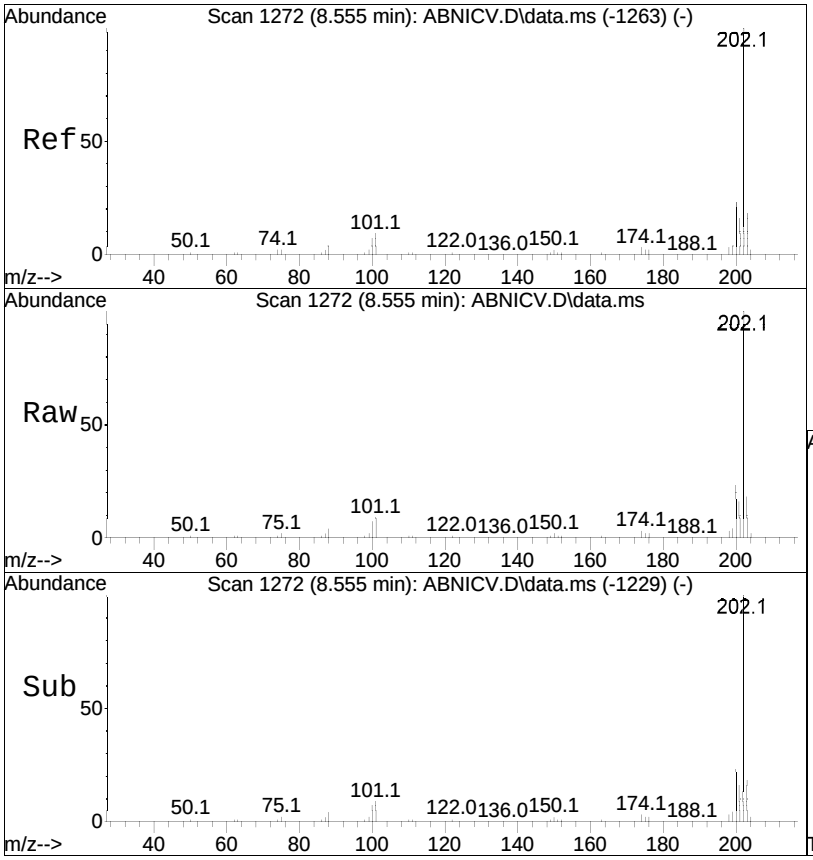


#92
Di-n-butylphthalate
Concen: 48.62 ug/ml
RT: 8.085 min Scan# 1192
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:149 Resp: 736436

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.3	3.8	5.8

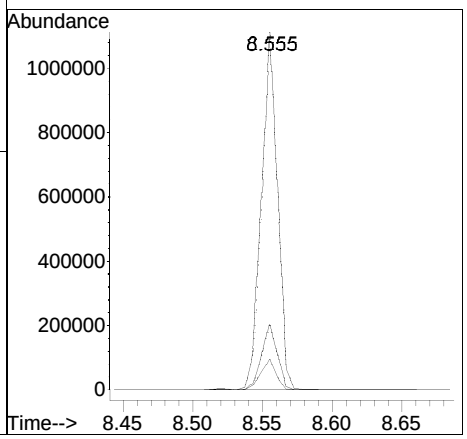


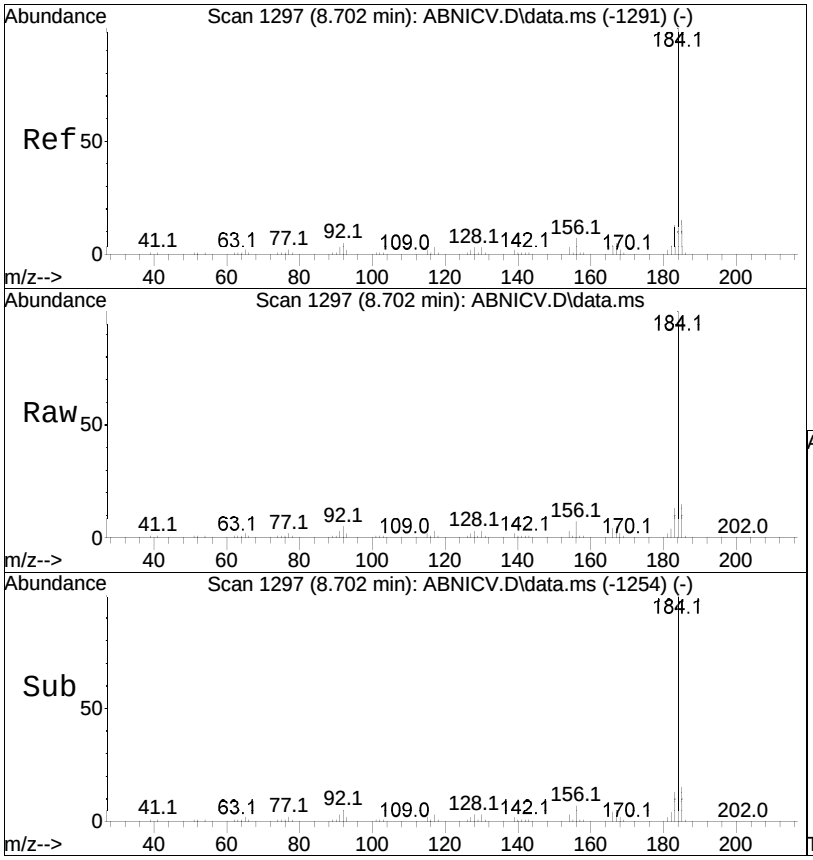


#93
Fluoranthene
Concen: 49.00 ug/ml
RT: 8.555 min Scan# 1272
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:202 Resp: 876097

Ion	Ratio	Lower	Upper
202	100		
101	8.3	12.6	19.0#
203	18.2	14.4	21.6

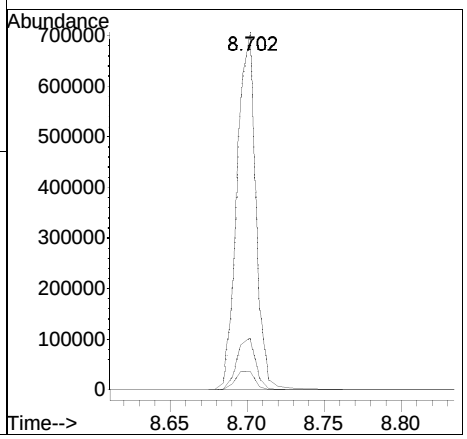


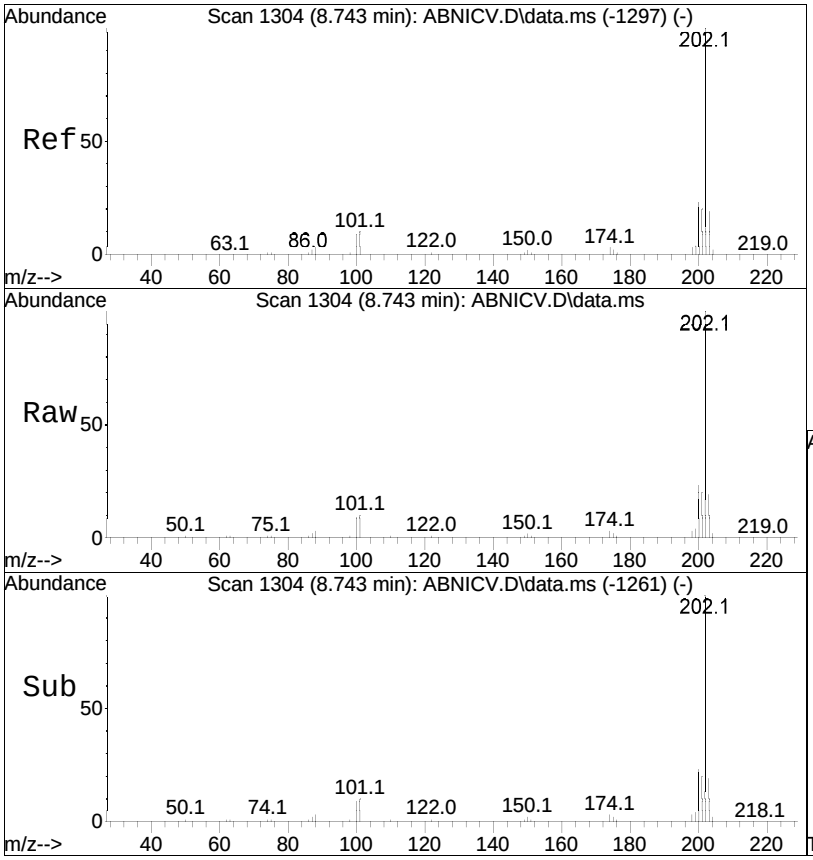


#94
Benzidine
Concen: 48.93 ug/ml
RT: 8.702 min Scan# 1297
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:184 Resp: 594744

Ion	Ratio	Lower	Upper
184	100		
92	5.6	8.4	12.6#
185	14.6	11.5	17.3

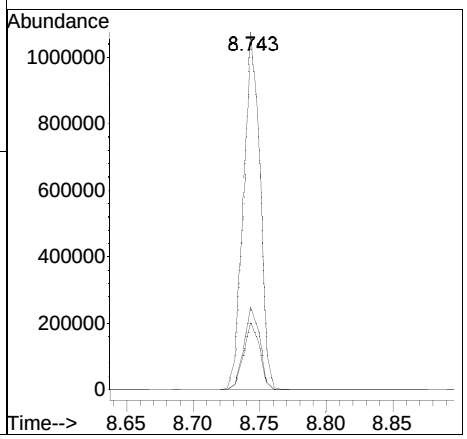


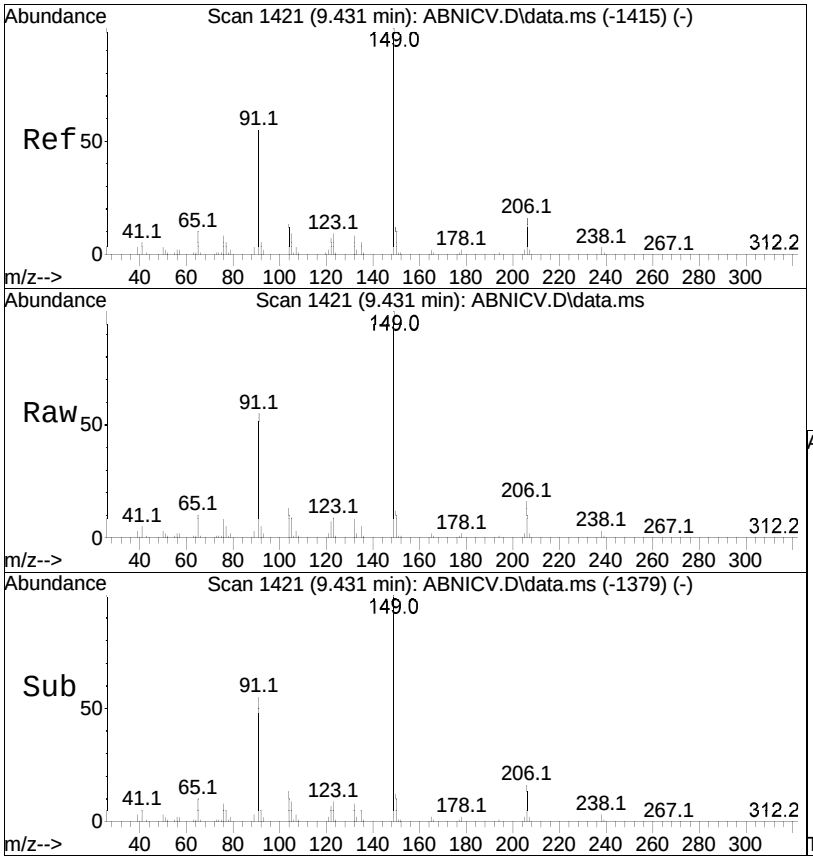


#95
Pyrene
Concen: 48.71 ug/ml
RT: 8.743 min Scan# 1304
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:202 Resp: 909974

Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.2	25.8
203	18.5	15.0	22.6

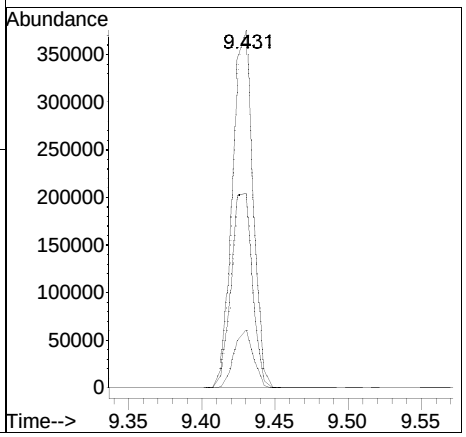


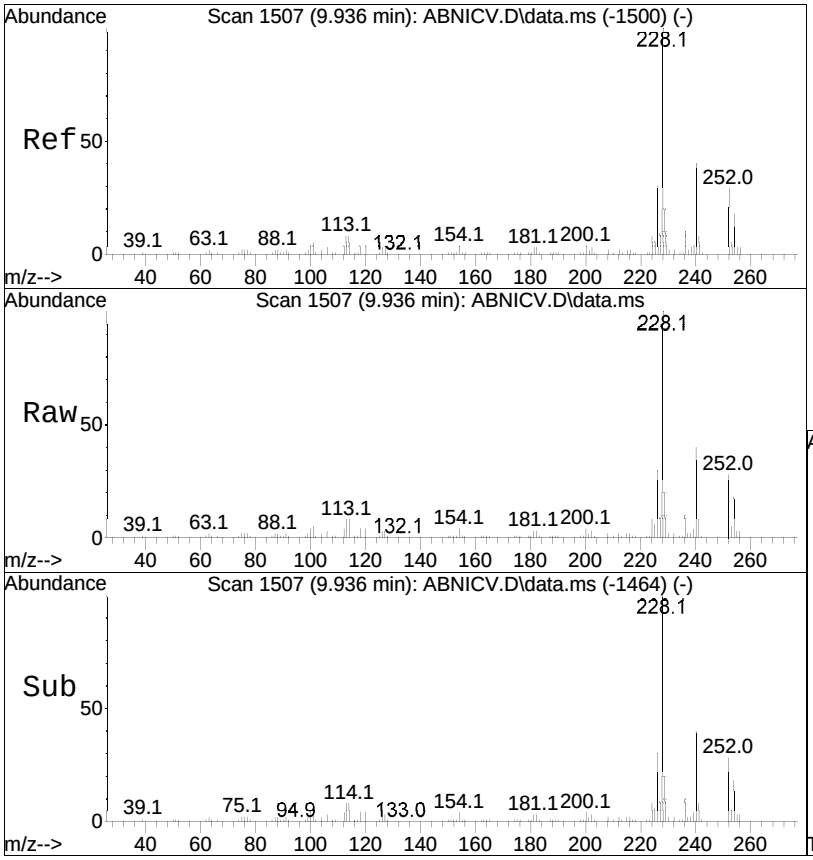


#97
Butyl benzyl phthalate
Concen: 50.25 ug/ml
RT: 9.431 min Scan# 1421
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:149 Resp: 363792

Ion	Ratio	Lower	Upper
149	100		
91	56.0	53.4	80.2
206	15.5	13.3	19.9

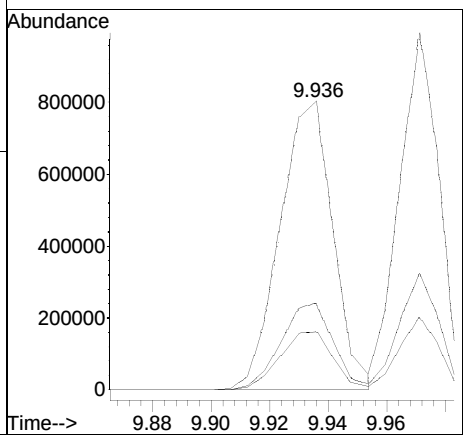


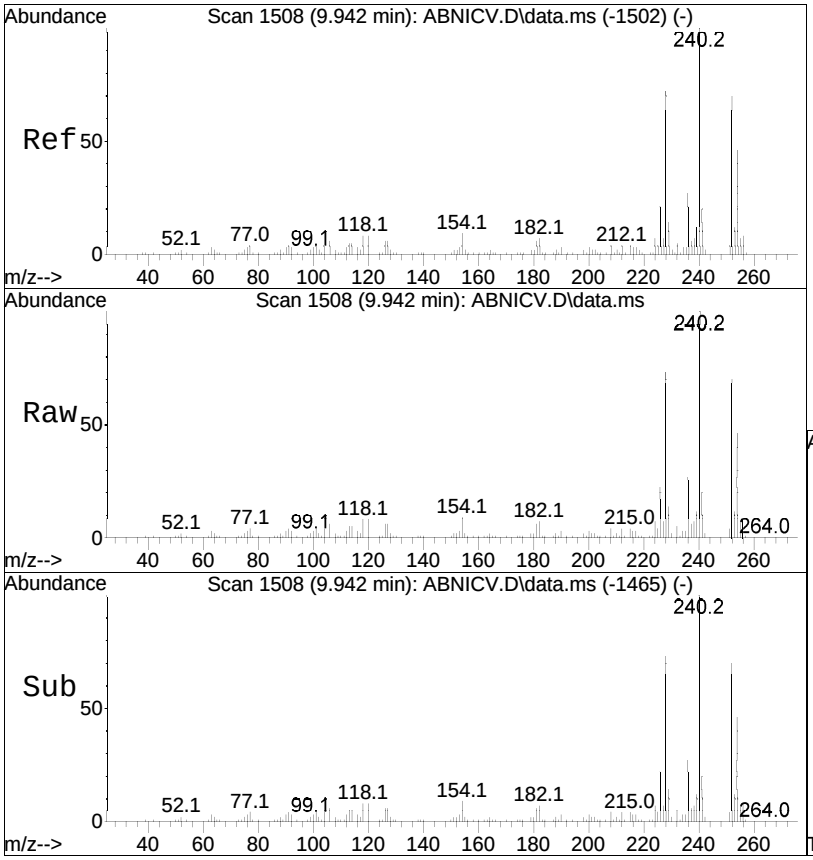


#105
Benzo(a)anthracene
Concen: 47.69 ug/ml
RT: 9.936 min Scan# 1507
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:228 Resp: 1009883

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.9	34.3
229	20.4	16.1	24.1

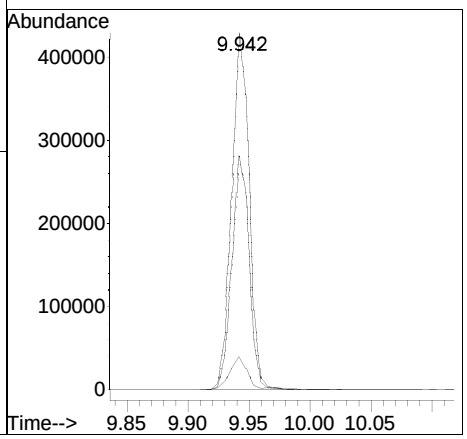


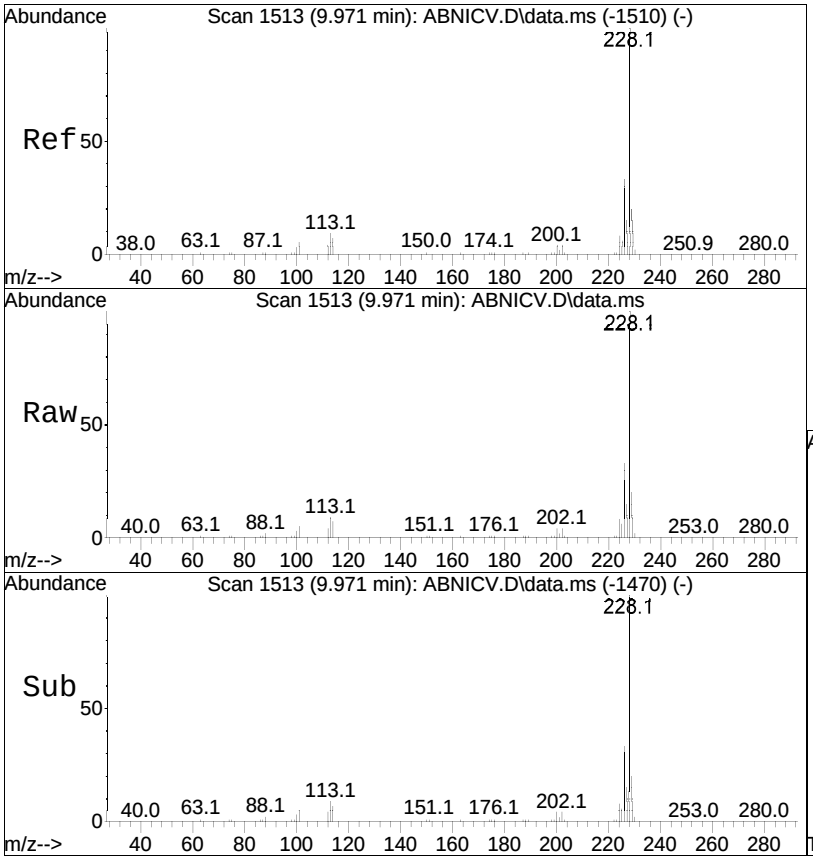


#106
3,3'-Dichlorobenzidine
Concen: 48.21 ug/ml
RT: 9.942 min Scan# 1508
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:252 Resp: 426342

Ion	Ratio	Lower	Upper
252	100		
126	10.0	13.4	20.0#
254	64.8	52.8	79.2

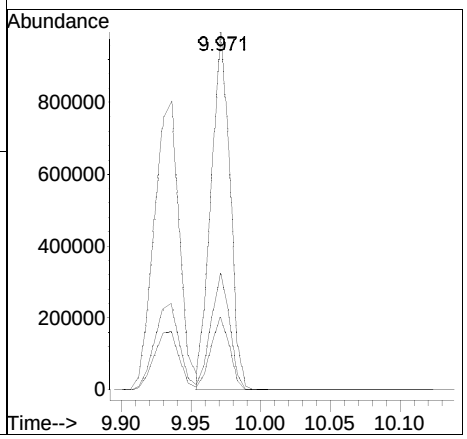


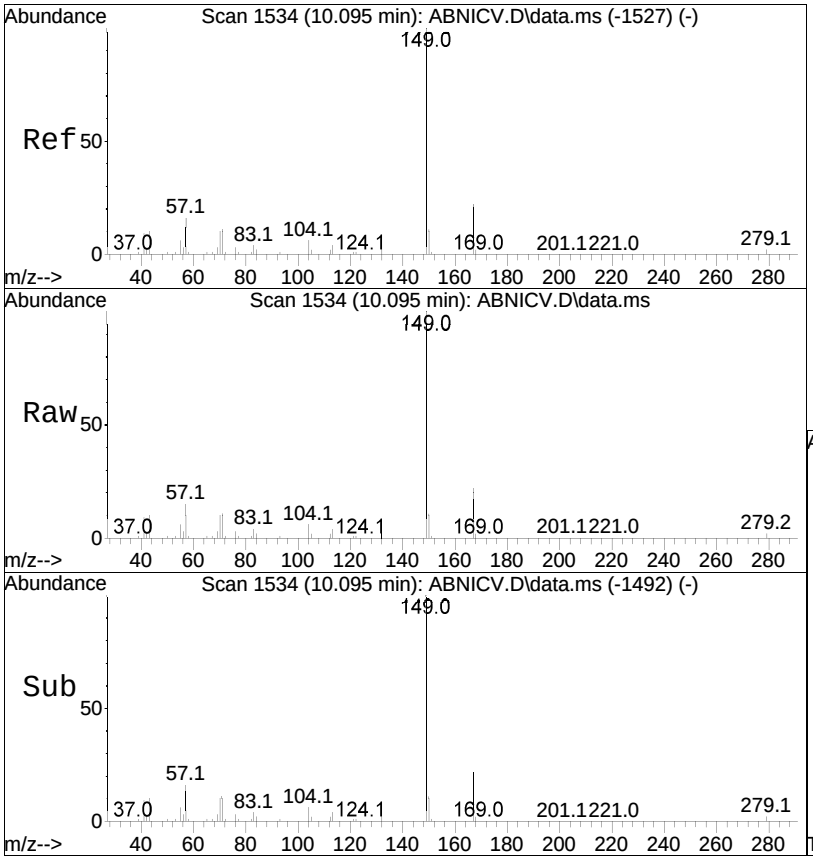


#107
Chrysene
Concen: 49.06 ug/ml
RT: 9.971 min Scan# 1513
Delta R.T. 0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:228 Resp: 941994

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.9	37.3
229	20.2	16.6	24.8

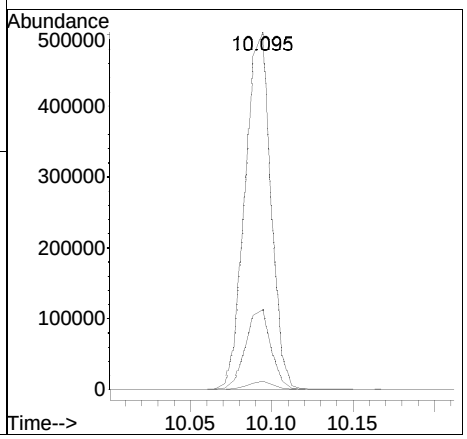


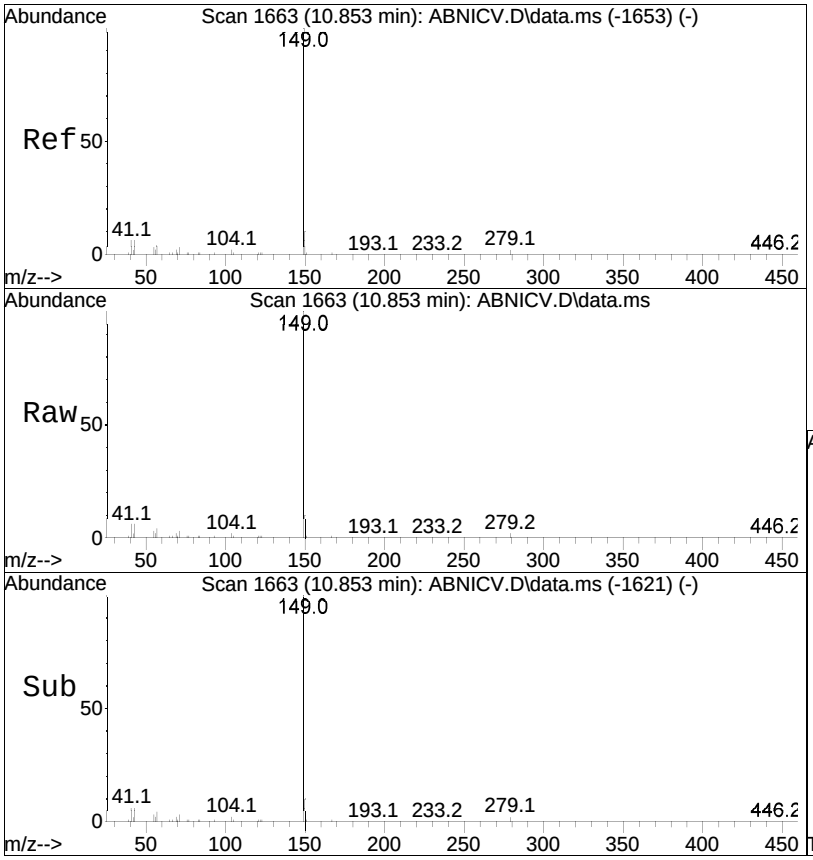


#108
Bis(2-ethylhexyl)phthalate
Concen: 50.55 ug/ml
RT: 10.095 min Scan# 1534
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:149 Resp: 551453

Ion	Ratio	Lower	Upper
149	100		
167	22.2	21.2	31.8
279	2.1	3.8	5.6#

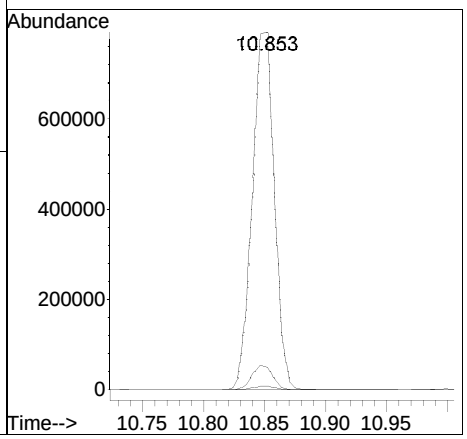


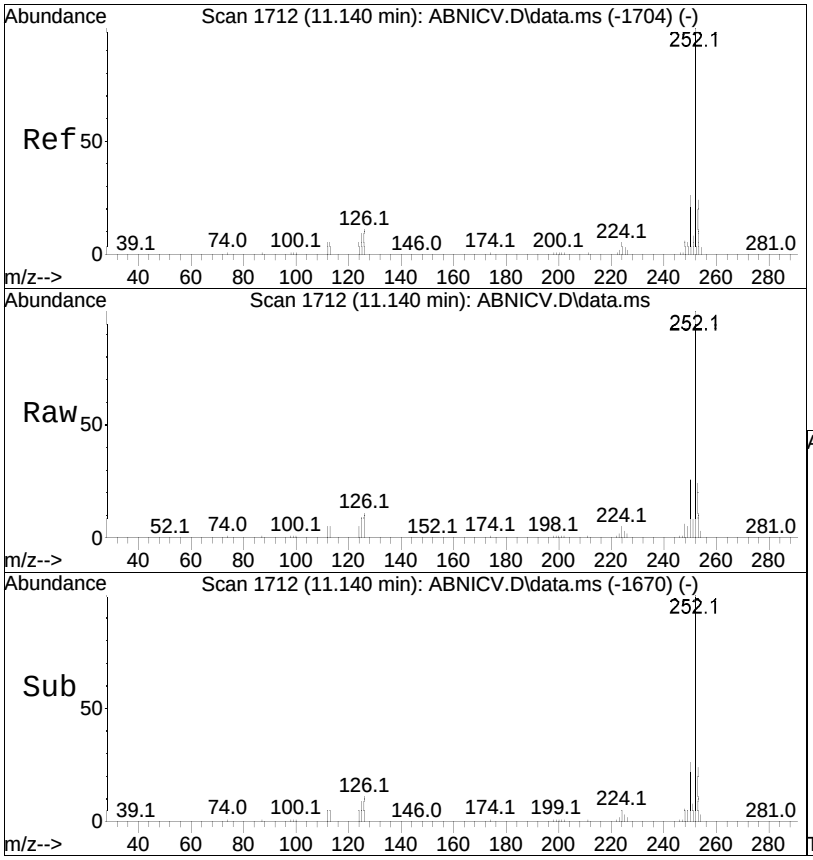


#109
Di-n-octylphthalate
Concen: 50.76 ug/ml
RT: 10.853 min Scan# 1663
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:149 Resp: 983395

Ion	Ratio	Lower	Upper
149	100		
43	6.7	8.0	12.0#
167	1.3	1.0	1.6

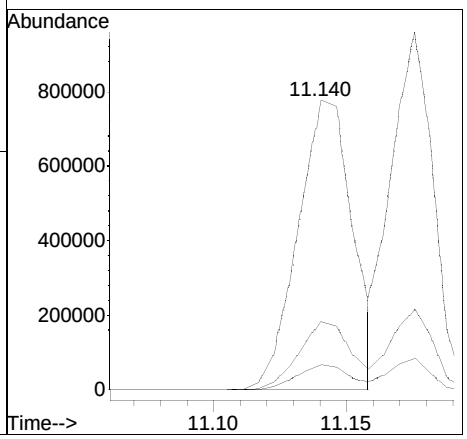


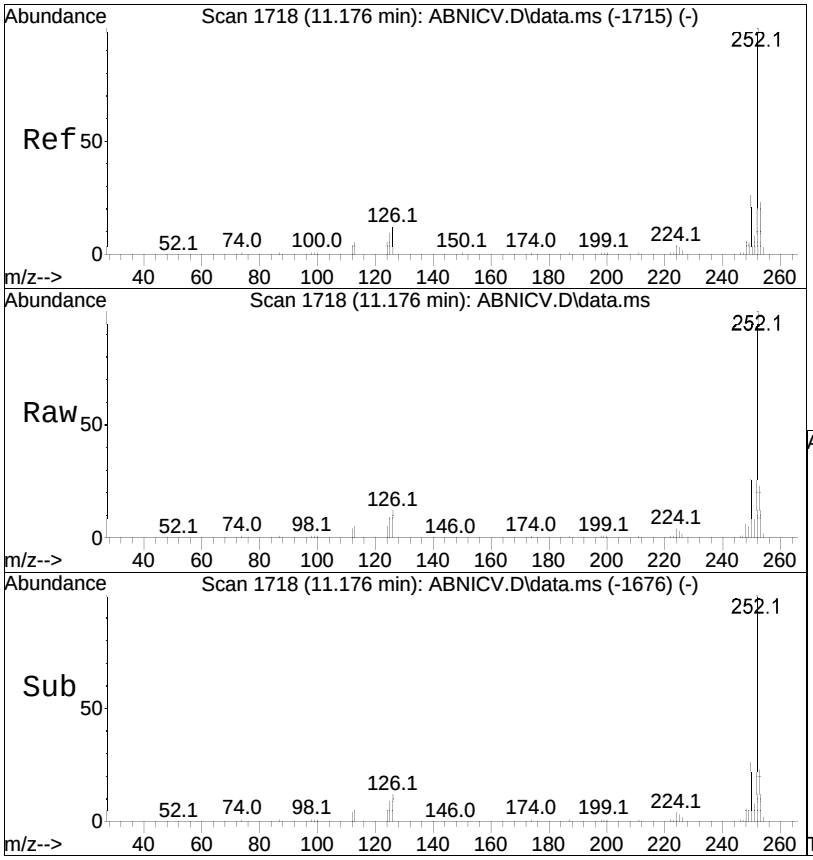


#110
Benzo(b)fluoranthene
Concen: 48.43 ug/ml
RT: 11.140 min Scan# 1712
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:252 Resp: 1115177

Ion	Ratio	Lower	Upper
252	100		
125	8.6	12.6	18.8#
253	22.8	18.2	27.2

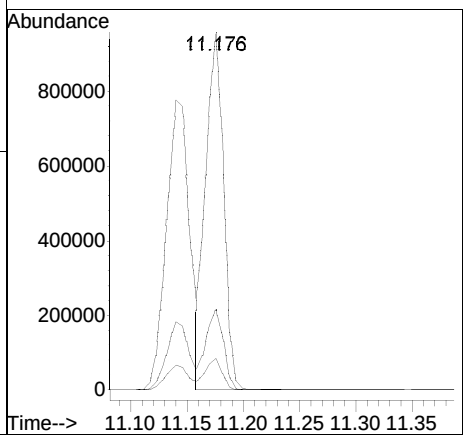


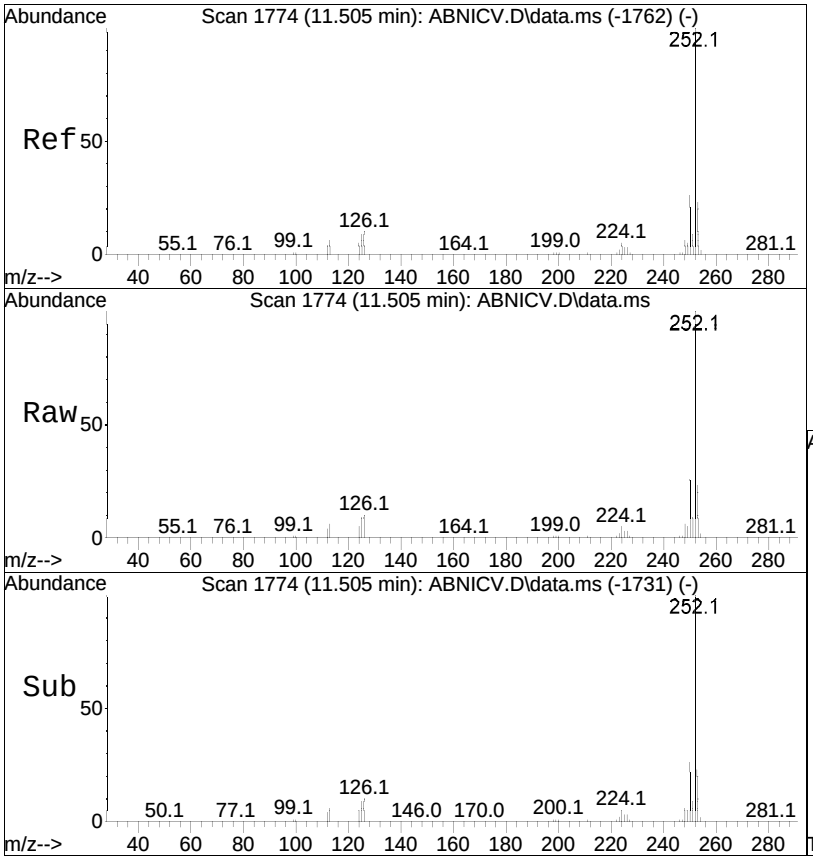


#111
Benzo(k)fluoranthene
Concen: 50.49 ug/ml
RT: 11.176 min Scan# 1718
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:252 Resp: 1055160

Ion	Ratio	Lower	Upper
252	100		
125	8.2	12.1	18.1#
253	22.4	18.1	27.1

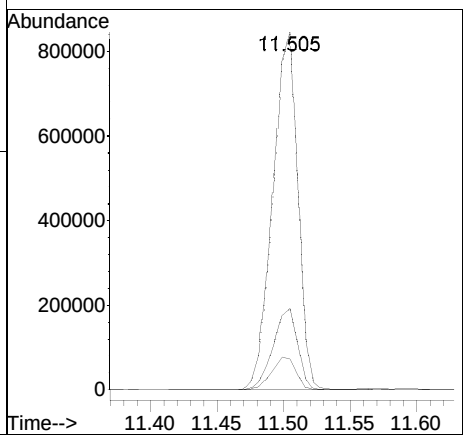


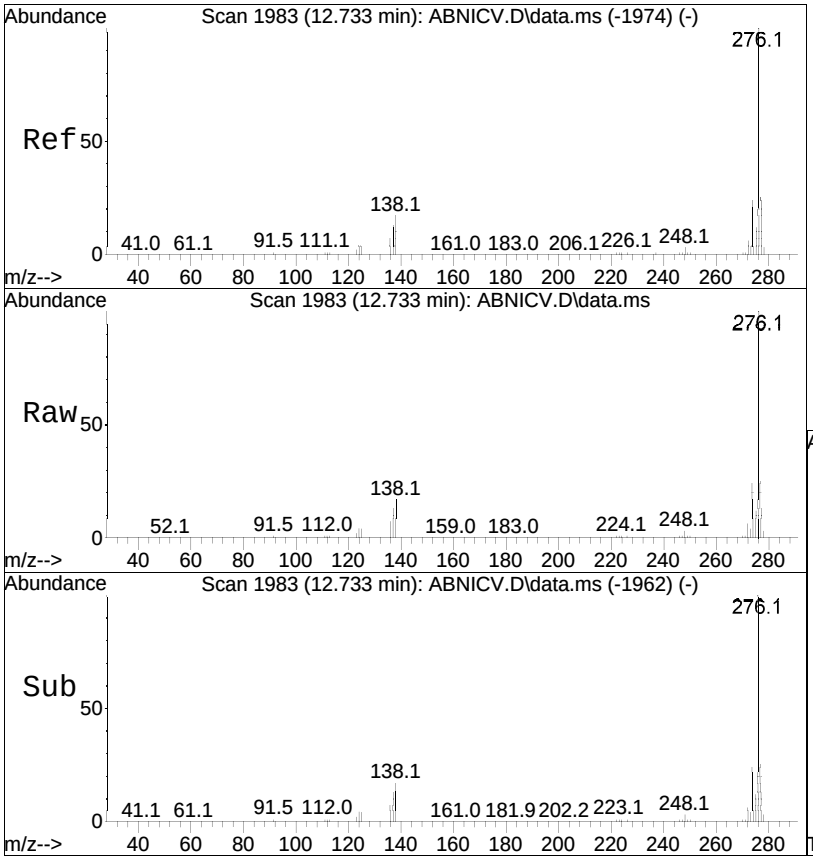


#112
Benzo(a)pyrene
Concen: 51.06 ug/ml M6
RT: 11.505 min Scan# 1774
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:252 Resp: 1096584

Ion	Ratio	Lower	Upper
252	100		
125	0.1	13.3	19.9#
253	0.1	18.2	27.4#

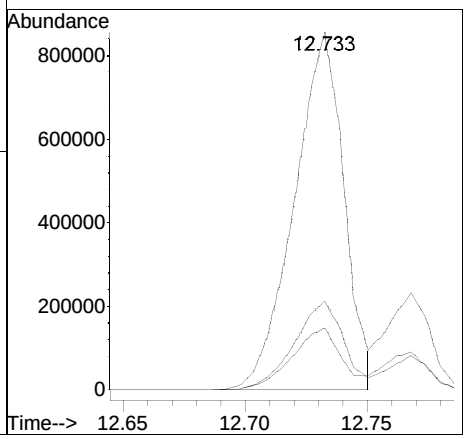


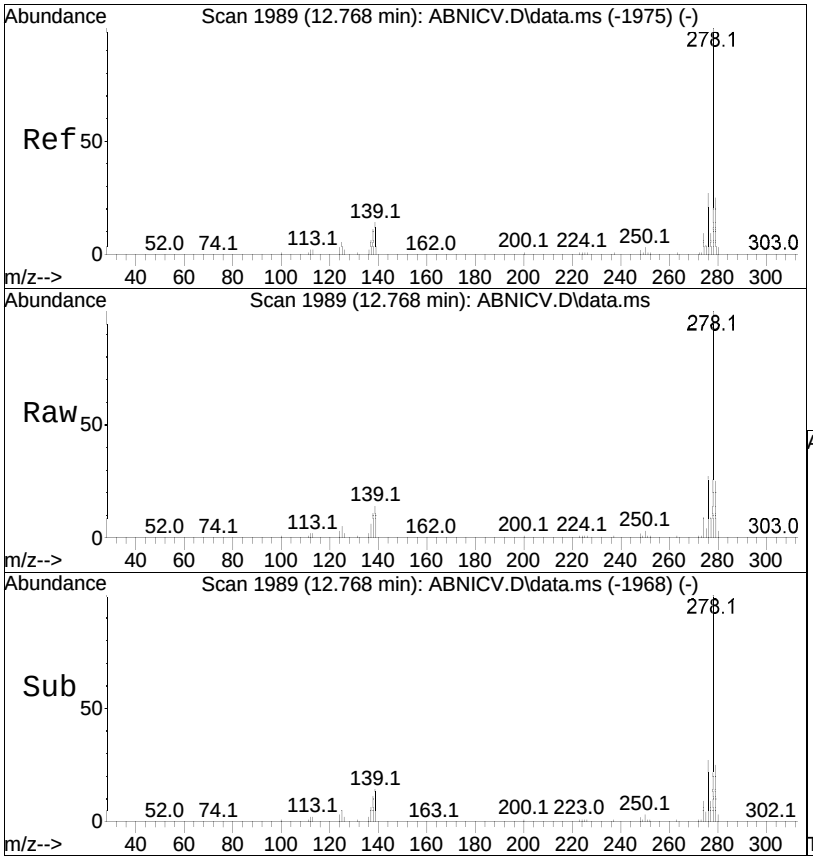


#114
Indeno(1,2,3-cd)pyrene
Concen: 49.96 ug/mL
RT: 12.733 min Scan# 1983
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:276 Resp: 1209847

Ion	Ratio	Lower	Upper
276	100		
138	17.9	26.7	40.1#
277	24.9	20.4	30.6

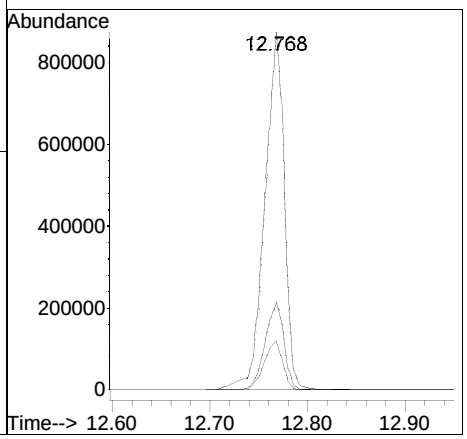


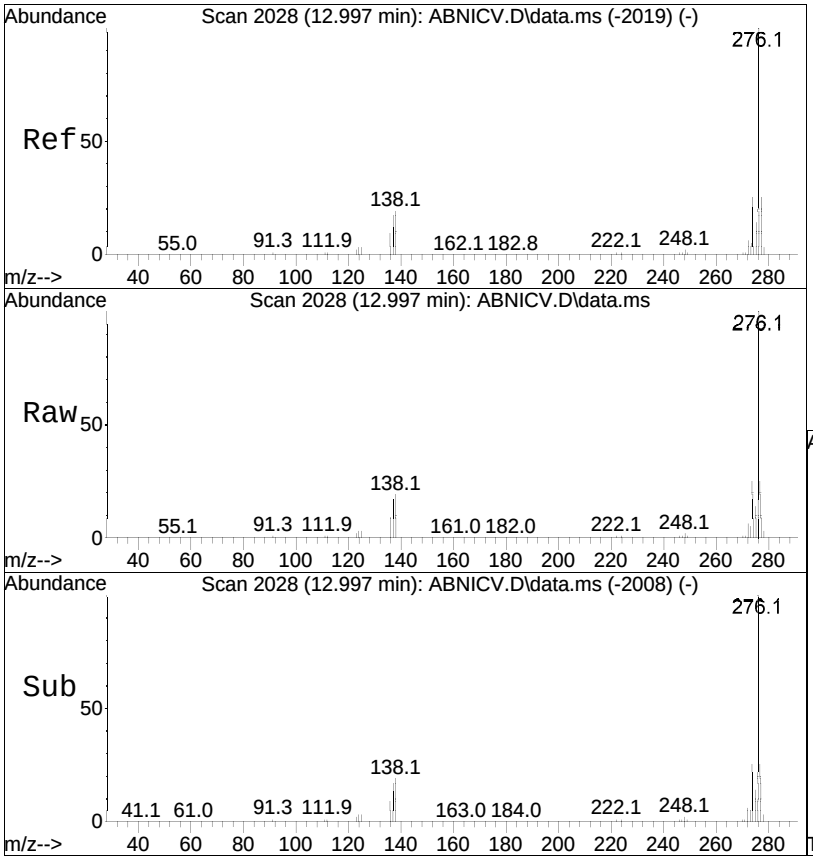


#115
Dibenzo(a,h)anthracene
Concen: 51.58 ug/ml
RT: 12.768 min Scan# 1989
Delta R.T. -0.000 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:278 Resp: 1194052

Ion	Ratio	Lower	Upper
278	100		
139	13.3	18.2	27.4#
279	24.1	19.3	28.9

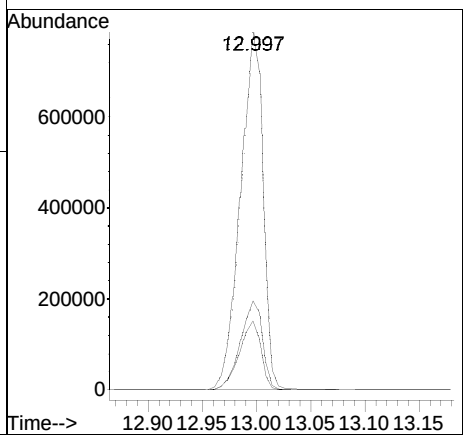




#116
Benzo(ghi)perylene
Concen: 48.95 ug/ml
RT: 12.997 min Scan# 2028
Delta R.T. -0.006 min
Lab File: ABNICV.D
Acq: 10 Dec 2025 12:20 am

Tgt Ion:276 Resp: 1131037

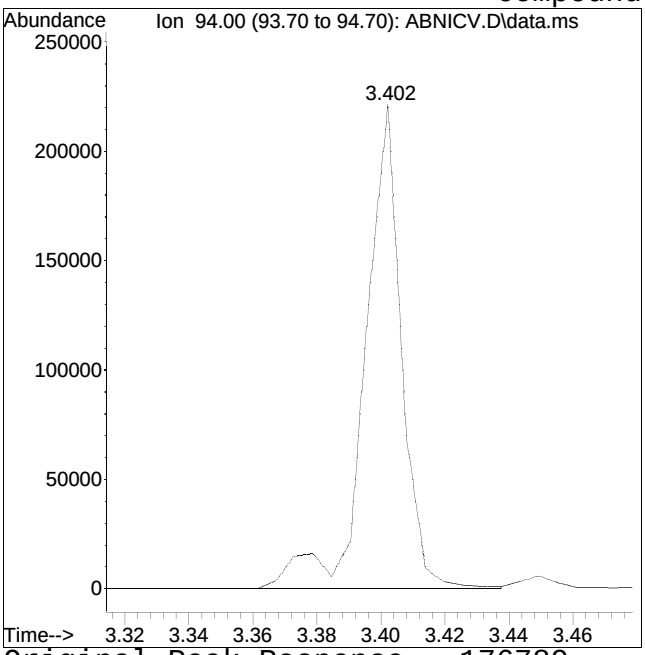
Ion	Ratio	Lower	Upper
276	100		
138	18.7	26.1	39.1#
277	24.5	19.4	29.0



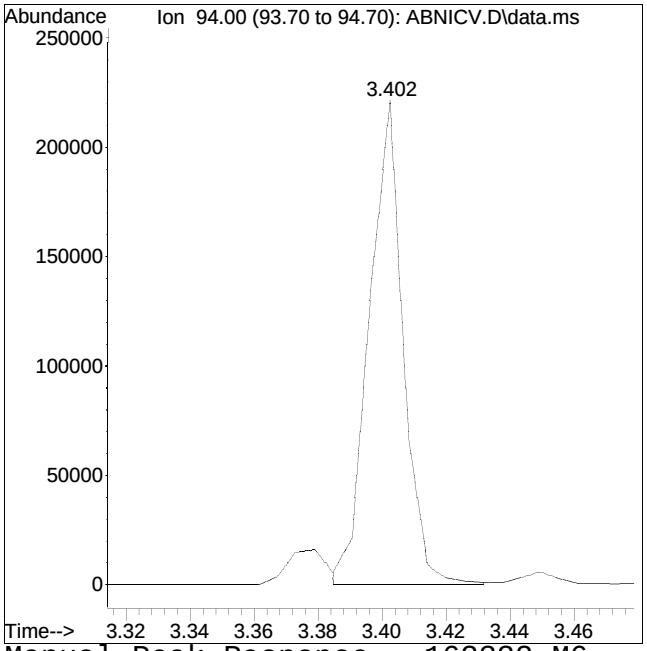
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNICV.D Operator : MORK:jg
Date Inj'd : 12/10/2025 12:20 am Instrument : Mork
Sample : CQICV1,32,,ABNICV Lot# 120 Quant Date : 12/11/2025 12:54 pm

Compound #8: Phenol



Original Peak Response = 176789



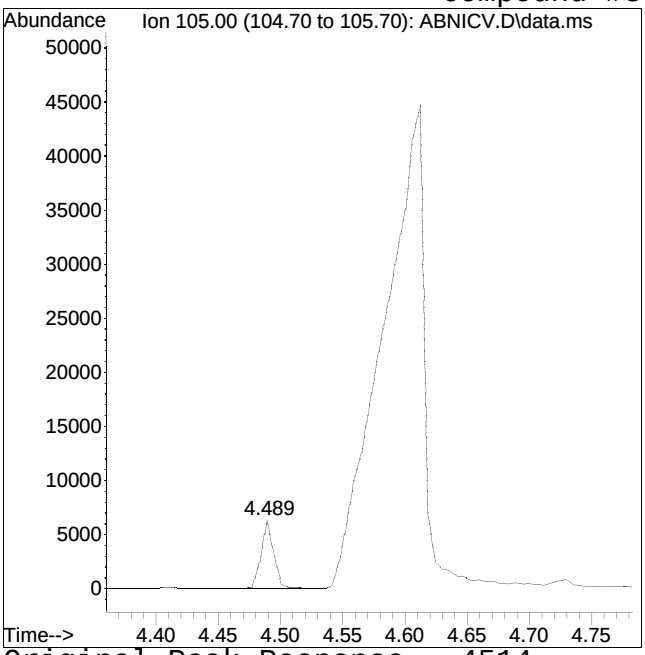
Manual Peak Response = 162332 M6

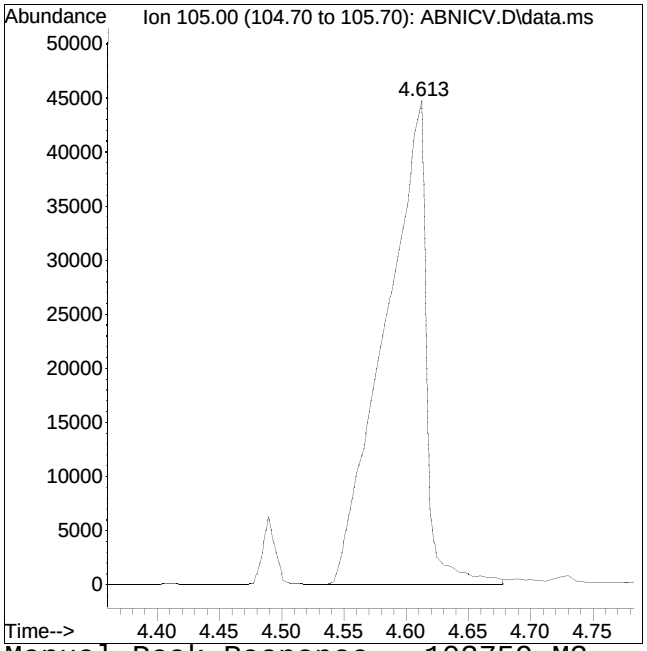
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNICV.D Operator : MORK:jg
Date Inj'd : 12/10/2025 12:20 am Instrument : Mork
Sample : CQICV1,32,,ABNICV Lot# 120 Quant Date : 12/11/2025 12:54 pm

Compound #37: Benzoic Acid





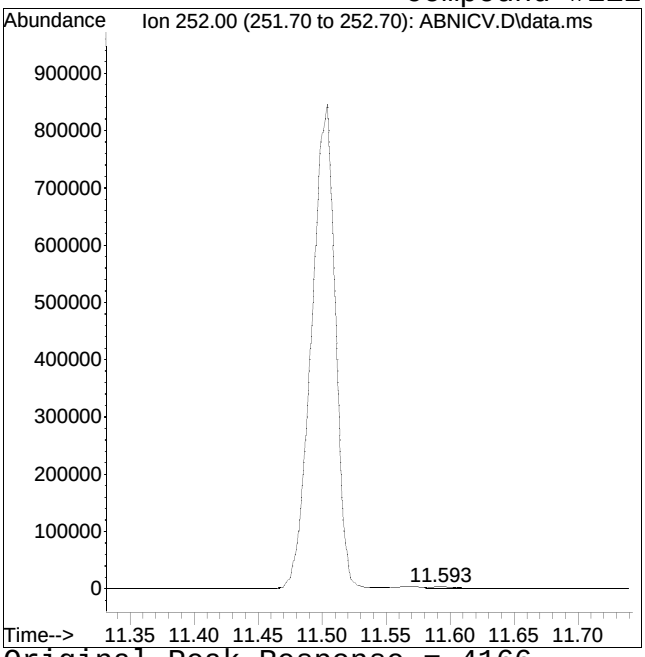
Original Peak Response = 4514 Manual Peak Response = 103759 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

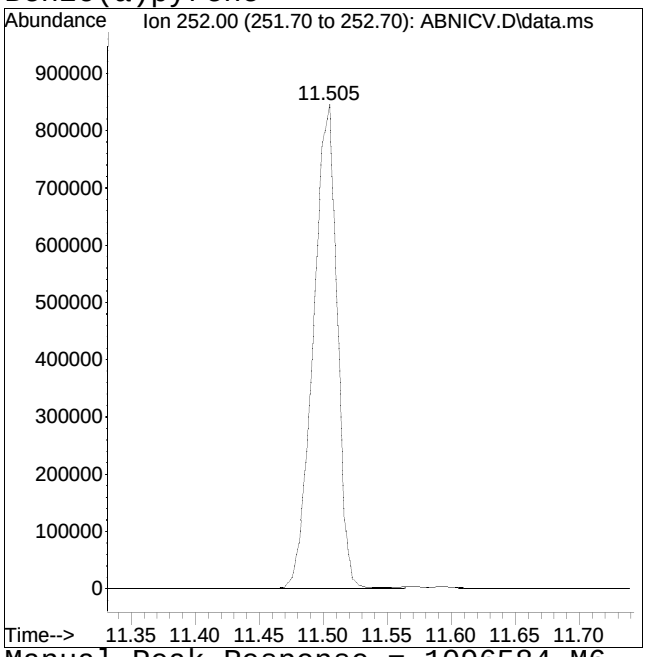
Manual Integration Report

Data Path : I:\8270\Mork\251209ical\ QMethod : FS251209Mork.m
Data File : ABNICV.D Operator : MORK:jg
Date Inj'd : 12/10/2025 12:20 am Instrument : Mork
Sample : CQICV1,32,,ABNICV Lot# 120 Quant Date : 12/11/2025 12:54 pm

Compound #112: Benzo(a)pyrene



Original Peak Response = 4166



Manual Peak Response = 1096584 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

Evaluate Continuing Calibration Report

Data Path : I:\8270\Mork\251209ical\
Data File : AP9ICV.D
Acq On : 10 Dec 2025 12:40 am
Operator : MORK:jg
Sample : CQICV2,32,,AP9ICV Lot# 12055
Misc : WG2152654,,
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 11 12:54:35 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Dec 11 12:55:10 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
27	I	IS2_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
28	T	Benzaldehyde	0.840	0.825	1.8	100	0.00
29	T	Acetophenone	1.419	1.434	-1.1	105	0.00
30	T	m-Toluidine	1.384	1.405	-1.5	104	0.00
31	T	2-Chloroaniline	1.343	1.343	0.0	104	0.00
55	I	IS2_Naphthalene-d8	1.000	1.000	0.0	107	0.00
56	T	a-Terpineol	0.206	0.205	0.5	101	0.00
57	T	3-Chloroaniline	0.117	0.118	-0.9	103	0.00
58	T	2,6-Dichlorophenol	0.336	0.343	-2.1	104	0.00
59	T	1-chloro-2-nitrobenzene	0.128	0.132	-3.1	106	0.00
60	T	Caprolactam	0.109	0.107	1.8	102	0.00
61	T	1,2,4,5-Tetrachlorobenzene	0.476	0.477	-0.2	104	0.00
62	T	Biphenyl	0.919	0.930	-1.2	107	0.00
83	I	IS2_Acenaphthene-d10	1.000	1.000	0.0	108	0.00
84	T	Dichloran	0.215	0.236	-9.8	107	0.00
85	T	Pentachloronitrobenzene	0.239	0.252	-5.4	108	0.00
98	I	IS2_Phenanthrene-d10	1.000	1.000	0.0	104	0.00
99	T	Diphenamid	0.495	0.504	-1.8	106	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9ICV.D
Acq On : 10 Dec 2025 12:40 am
Operator : MORK:jg
Sample : CQICV2,32,,AP9ICV Lot# 12055
Misc : WG2152654,,
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 11 12:54:35 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Dec 11 12:55:10 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\AP9L7.D
Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
27) IS2_1,4-Dichlorobenzen...	3.649	152	121687	40.000	ug/ml	0.00
Standard Area 1 = 115486			Recovery = 105.37%			
55) IS2_Naphthalene-d8	4.724	136	404739	40.000	ug/ml	# 0.00
Standard Area 1 = 377197			Recovery = 107.30%			
83) IS2_Acenaphthene-d10	6.234	164	259908	40.000	ug/ml	0.00
Standard Area 1 = 241476			Recovery = 107.63%			
98) IS2_Phenanthrene-d10	7.509	188	583859	40.000	ug/ml	# 0.00
Standard Area 1 = 560507			Recovery = 104.17%			
System Monitoring Compounds						
Target Compounds						Qvalue
28) Benzaldehyde	3.279	105	125524	49.104	ug/ml	96
29) Acetophenone	4.002	105	218125	50.518	ug/ml#	87
30) m-Toluidine	4.072	106	213655	50.729	ug/ml	99
31) 2-Chloroaniline	4.384	127	204231	49.980	ug/ml	99
56) a-Terpineol	4.783	59	103954	49.890	ug/ml	87
57) 3-Chloroaniline	4.795	65	59775	50.333	ug/ml	97
58) 2,6-Dichlorophenol	4.818	162	173456	50.969	ug/ml#	92
59) 1-chloro-2-nitrobenzene	5.042	111	66851	51.432	ug/ml	92
60) Caprolactam	5.089	55	54319	49.175	ug/ml#	89
61) 1,2,4,5-Tetrachloroben...	5.494	216	241362	50.124	ug/ml	99
62) Biphenyl	5.758	154	470611	50.590	ug/ml	99
84) Dichloran	7.251	206	76695	55.006	ug/ml	86
85) Pentachloronitrobenzene	7.380	237	81860	52.729	ug/ml#	88
99) Diphenamid	8.326	167	367514	50.905	ug/ml#	70

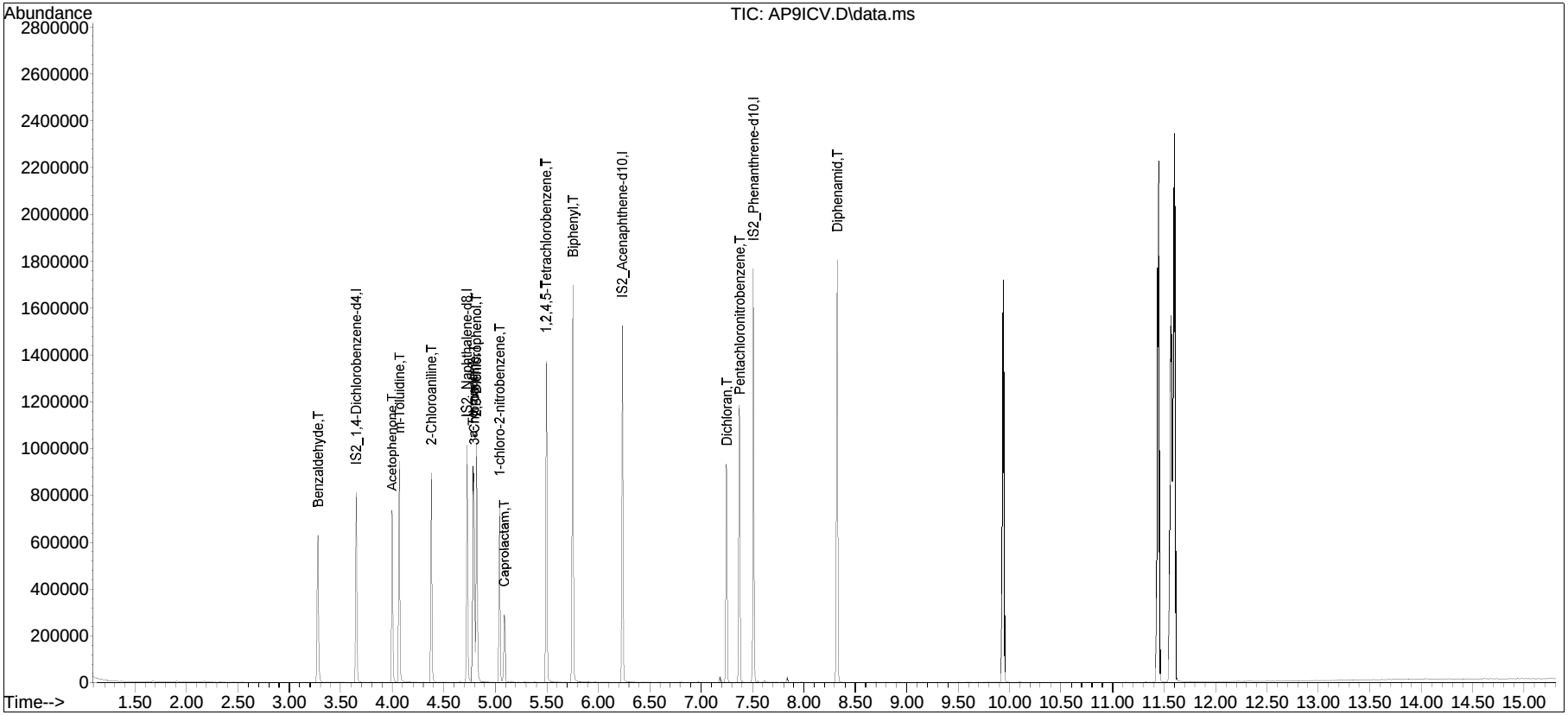
(#) = qualifier out of range (m) = manual integration (+) = signals summed

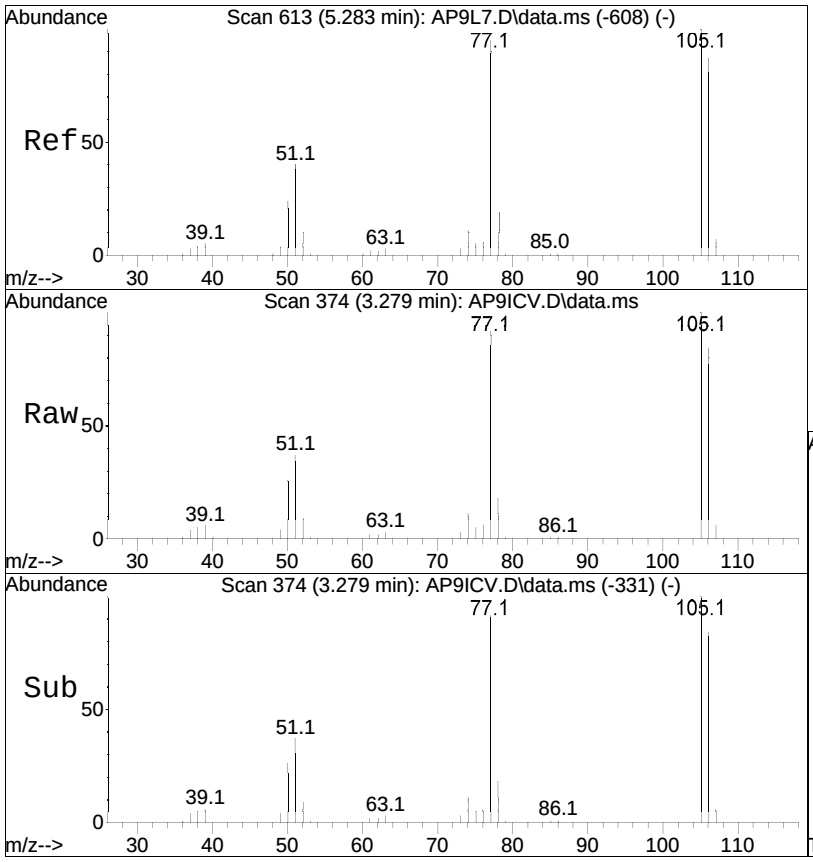
Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : AP9ICV.D
Acq On : 10 Dec 2025 12:40 am
Operator : MORK:jg
Sample : CQICV2,32,,AP9ICV Lot# 12055
Misc : WG2152654,,
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Dec 11 12:54:35 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Dec 11 12:55:10 2025
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublistl\AP9L7.D•

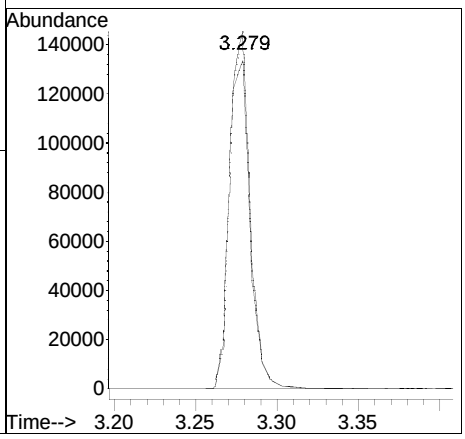


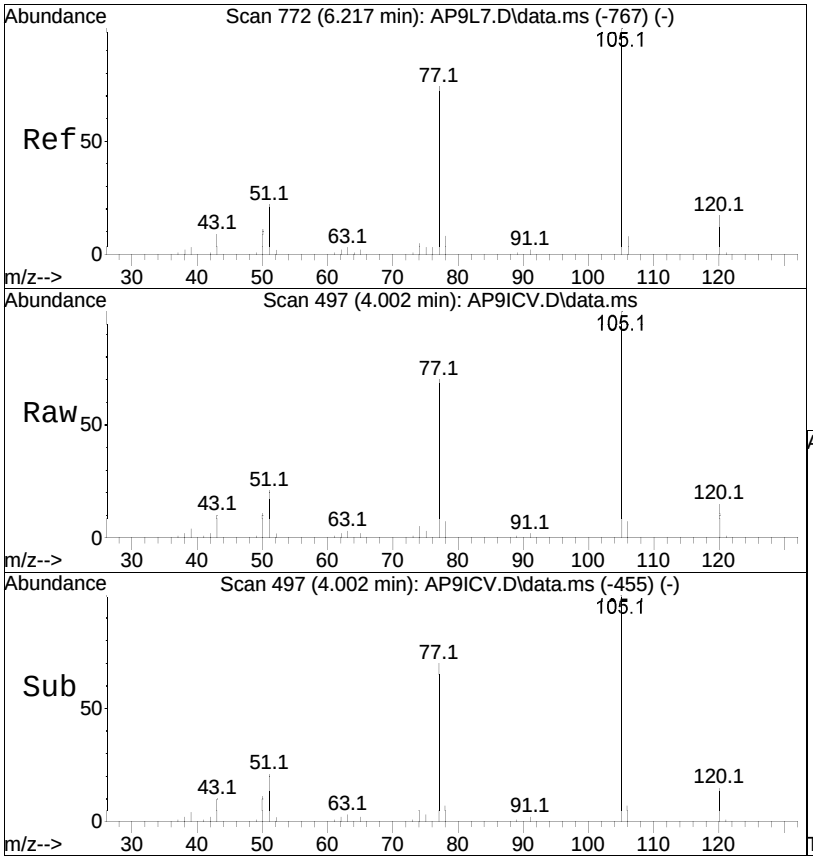


#28
Benzaldehyde
Concen: 49.10 ug/ml
RT: 3.279 min Scan# 374
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion:105 Resp: 125524

Ion	Ratio	Lower	Upper
105	100		
77	95.1	79.3	118.9

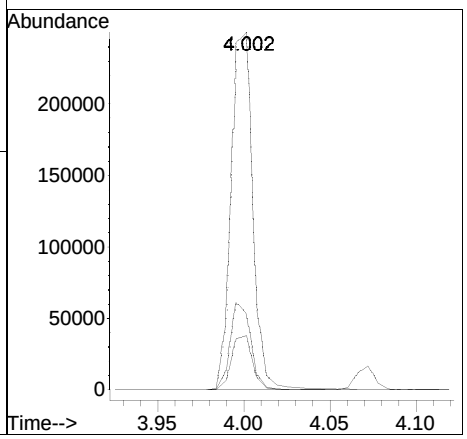


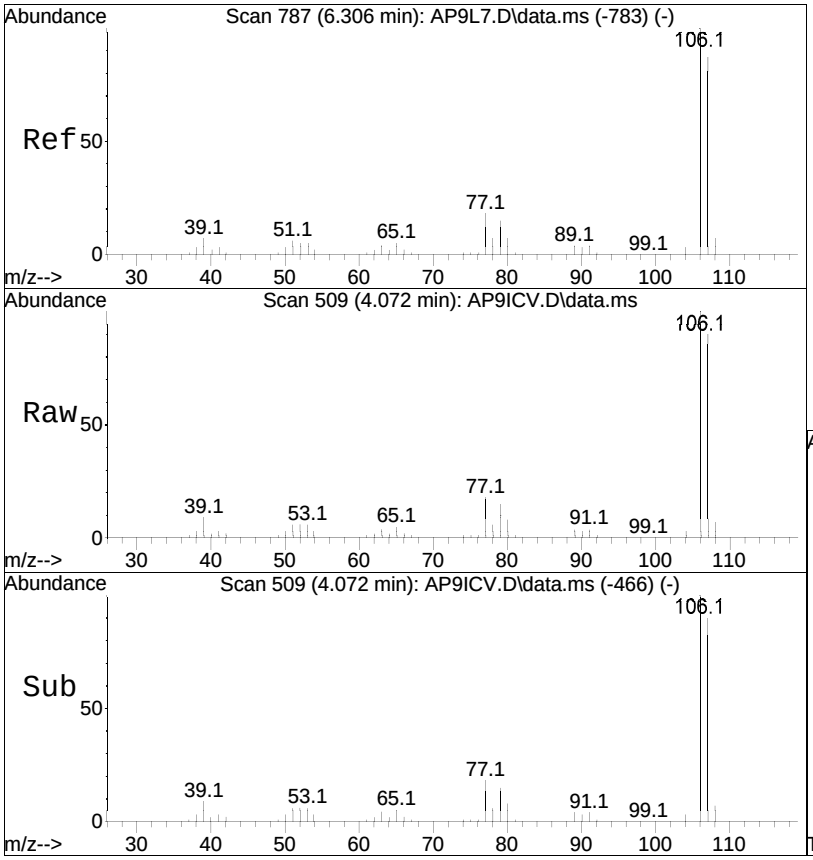


#29
Acetophenone
Concen: 50.52 ug/ml
RT: 4.002 min Scan# 497
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion:105 Resp: 218125

Ion	Ratio	Lower	Upper
105	100		
120	14.9	17.4	26.2#
51	23.4	23.8	35.6#

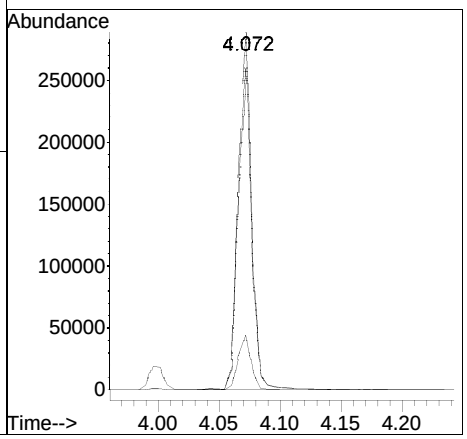


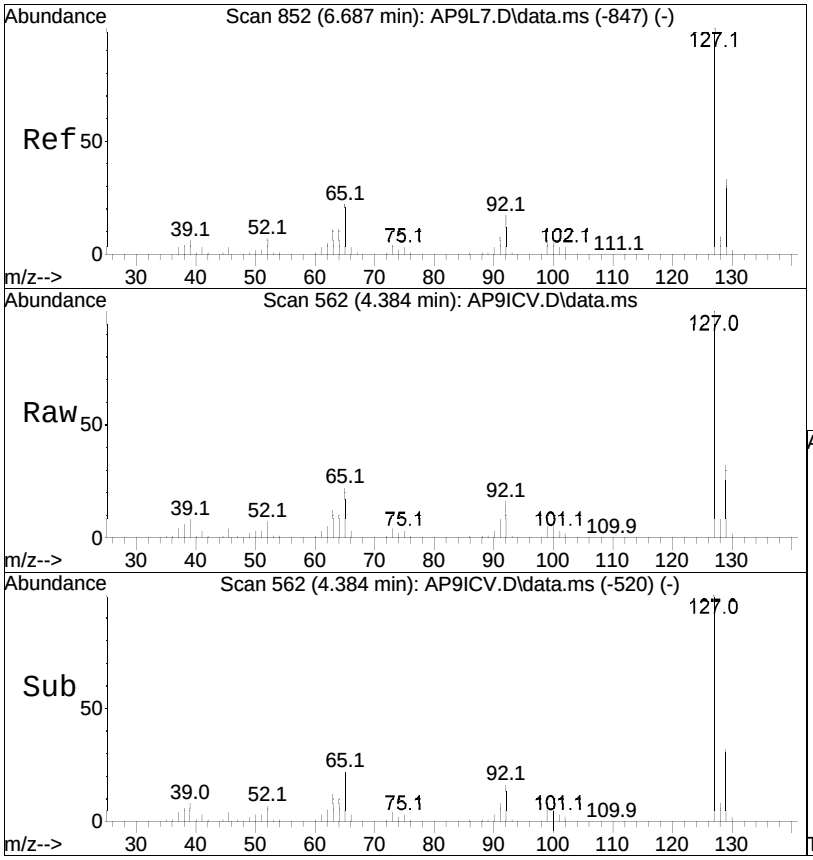


#30
m-Toluidine
Concen: 50.73 ug/ml
RT: 4.072 min Scan# 509
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion:106 Resp: 213655

Ion	Ratio	Lower	Upper
106	100		
107	91.5	72.5	108.7
79	15.2	11.4	17.2

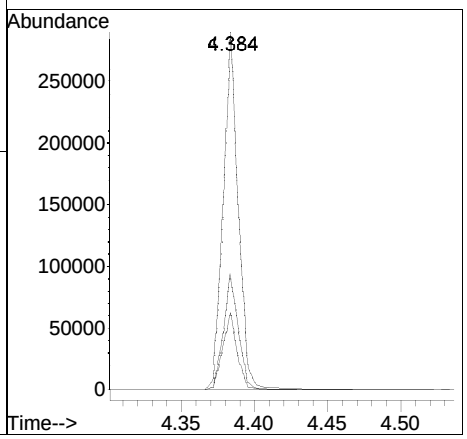


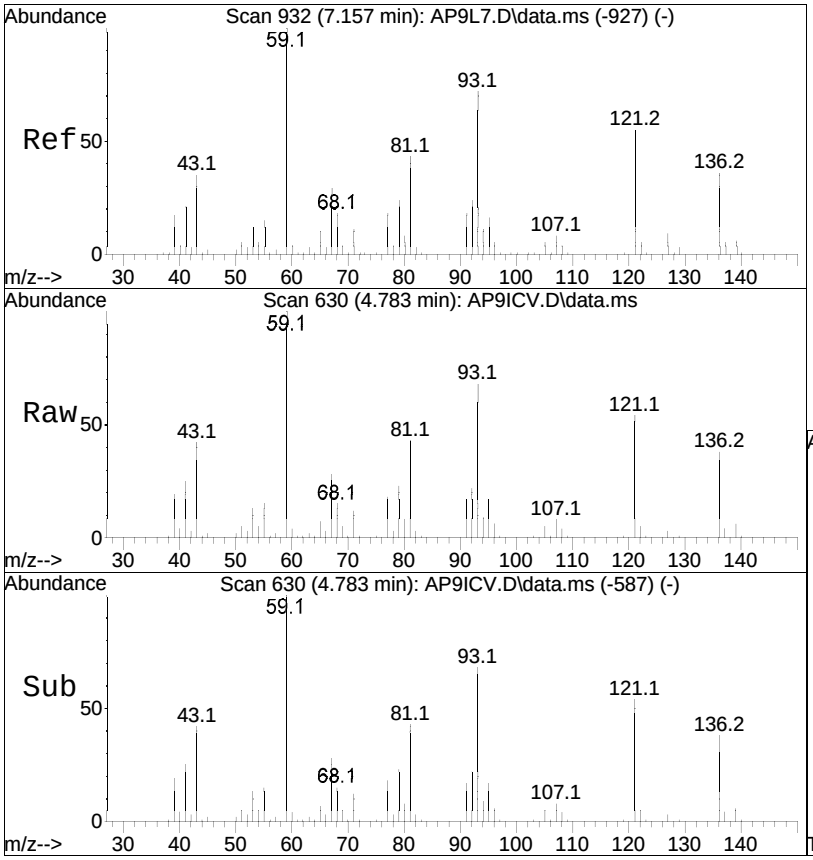


#31
2-Chloroaniline
Concen: 49.98 ug/ml
RT: 4.384 min Scan# 562
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion:127 Resp: 204231

Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.5	38.3
65	21.1	17.3	25.9

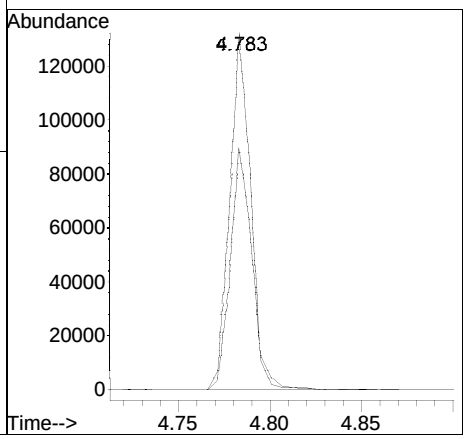


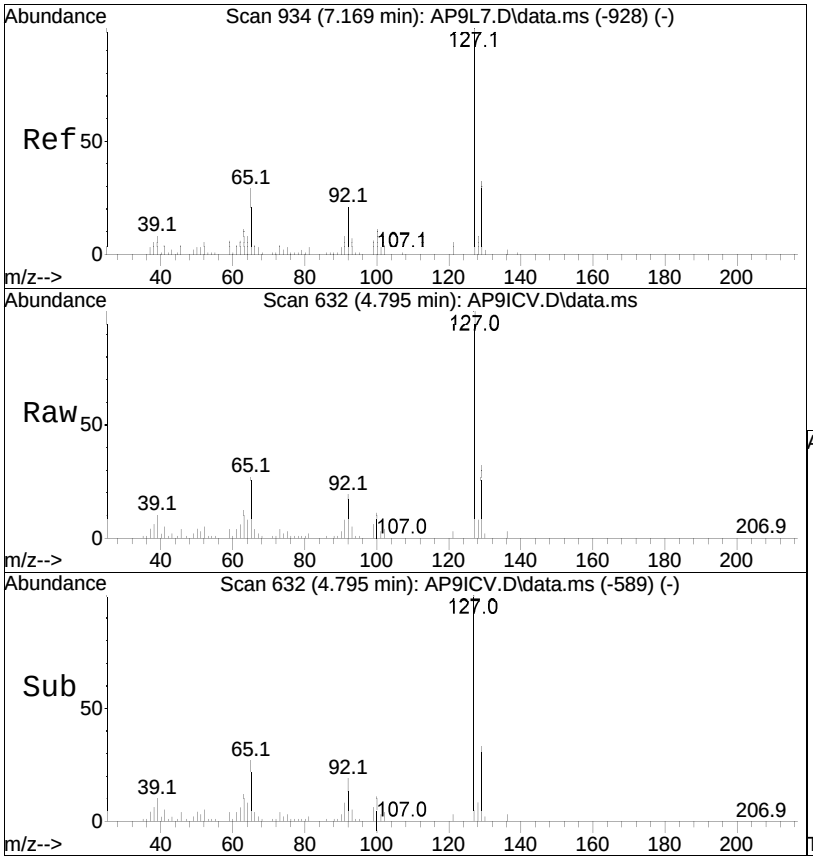


#56
a-Terpineol
Concen: 49.89 ug/ml
RT: 4.783 min Scan# 630
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion: 59 Resp: 103954

Ion	Ratio	Lower	Upper
59	100		
93	71.7	49.3	73.9

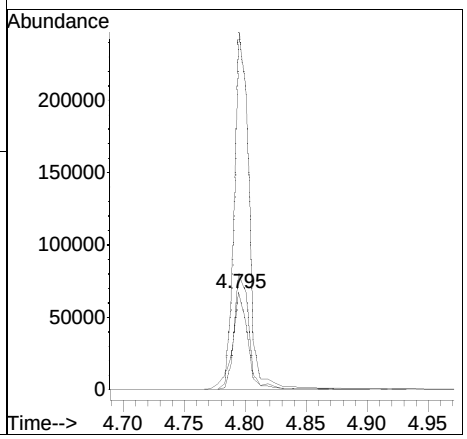


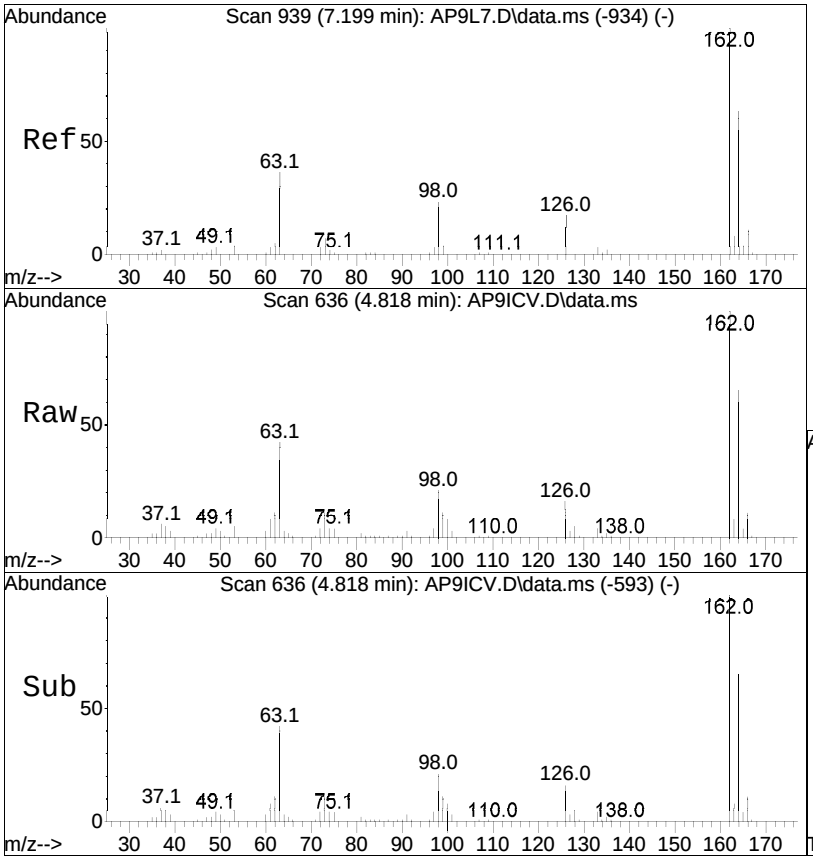


#57
3-Chloroaniline
Concen: 50.33 ug/ml
RT: 4.795 min Scan# 632
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion: 65 Resp: 59775

Ion	Ratio	Lower	Upper
65	100		
127	344.1	269.3	403.9
129	111.1	88.2	132.4

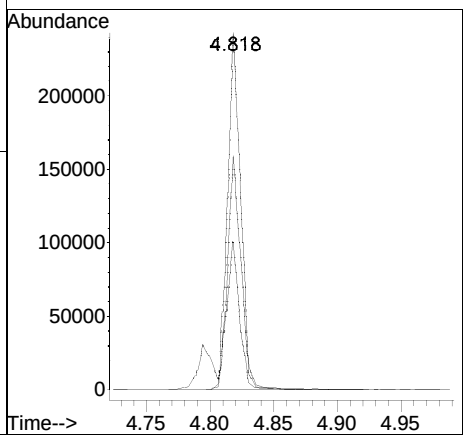


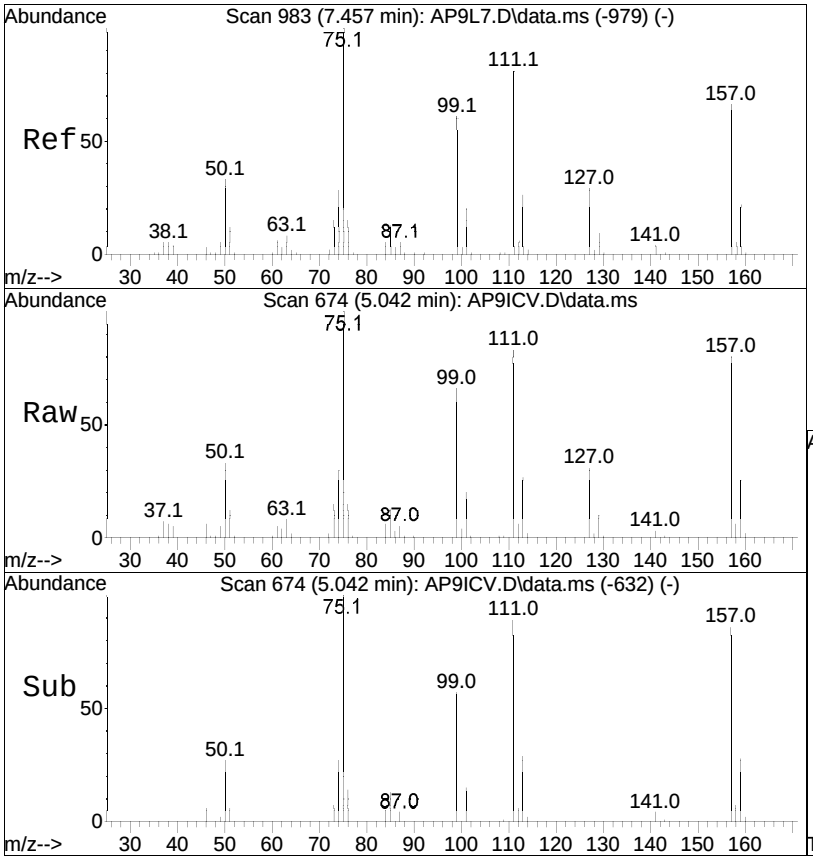


#58
2,6-Dichlorophenol
Concen: 50.97 ug/ml
RT: 4.818 min Scan# 636
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion:162 Resp: 173456

Ion	Ratio	Lower	Upper
162	100		
164	65.4	51.8	77.6
63	39.6	41.7	62.5#

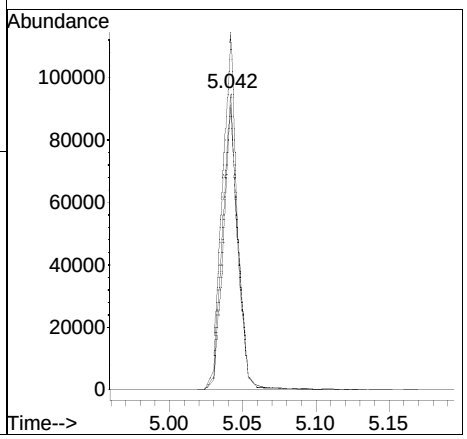


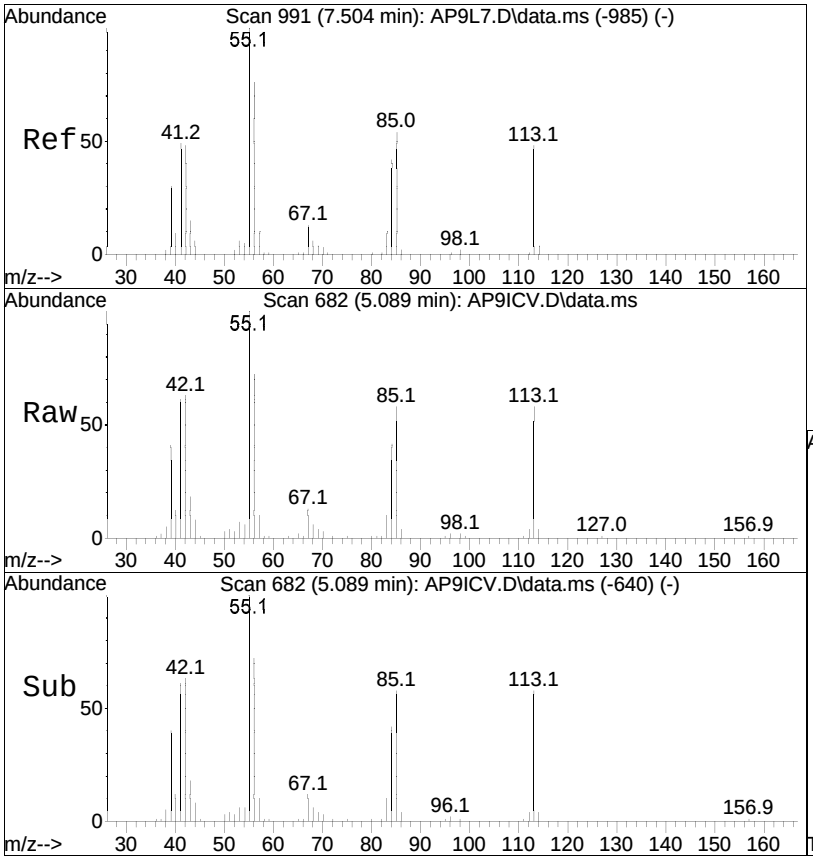


#59
1-chloro-2-nitrobenzene
Concen: 51.43 ug/ml
RT: 5.042 min Scan# 674
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion:111 Resp: 66851

Ion	Ratio	Lower	Upper
111	100		
157	94.8	67.6	101.4
75	121.3	102.5	153.7

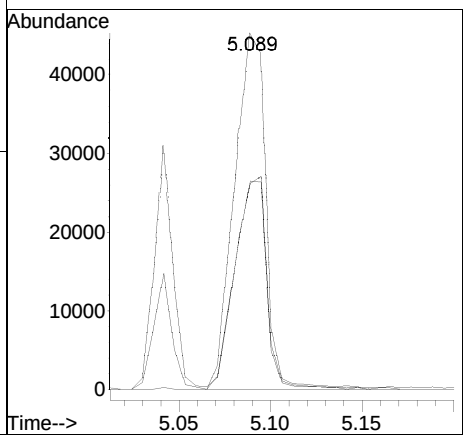


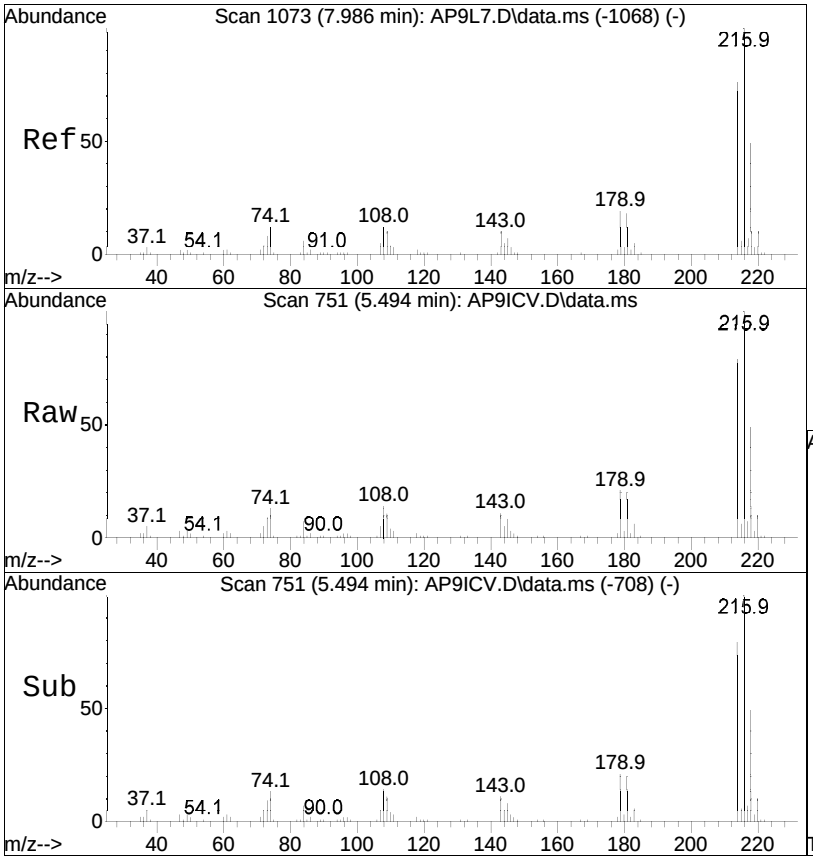


#60
Caprolactam
Concen: 49.18 ug/ml
RT: 5.089 min Scan# 682
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion: 55 Resp: 54319

Ion	Ratio	Lower	Upper
55	100		
85	59.5	36.6	54.8#
113	60.2	50.2	75.2

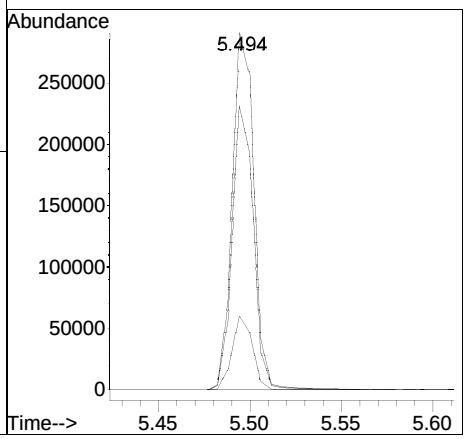


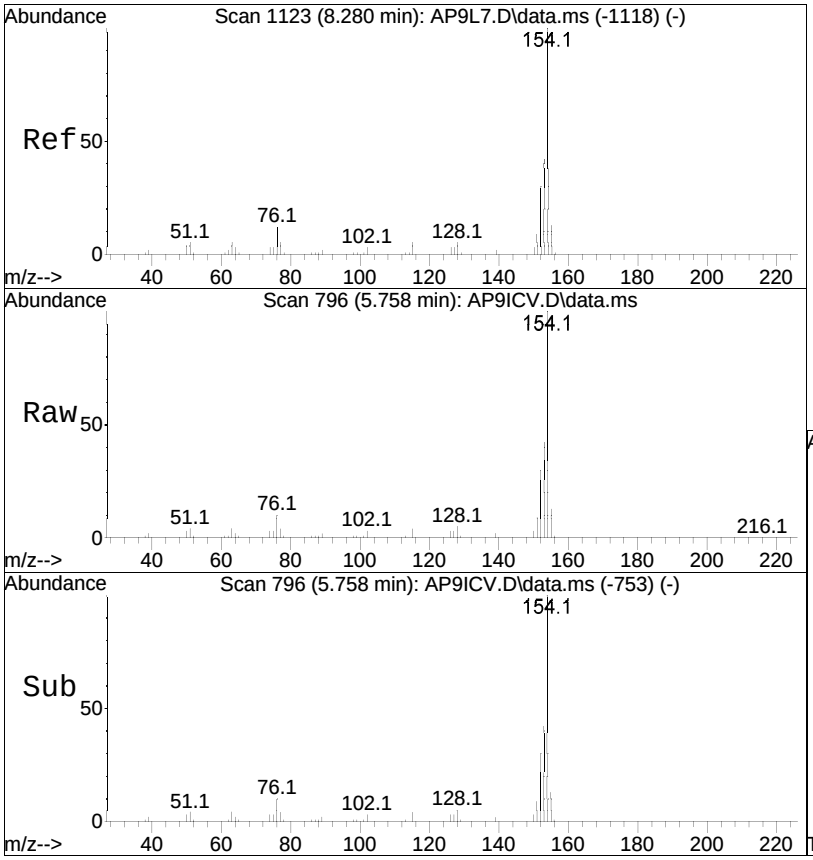


#61
1,2,4,5-Tetrachlorobenzene
Concen: 50.12 ug/ml
RT: 5.494 min Scan# 751
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion:216 Resp: 241362

Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.0	94.4
179	19.8	15.3	22.9

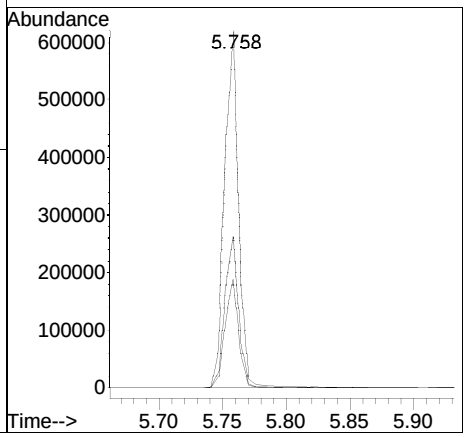


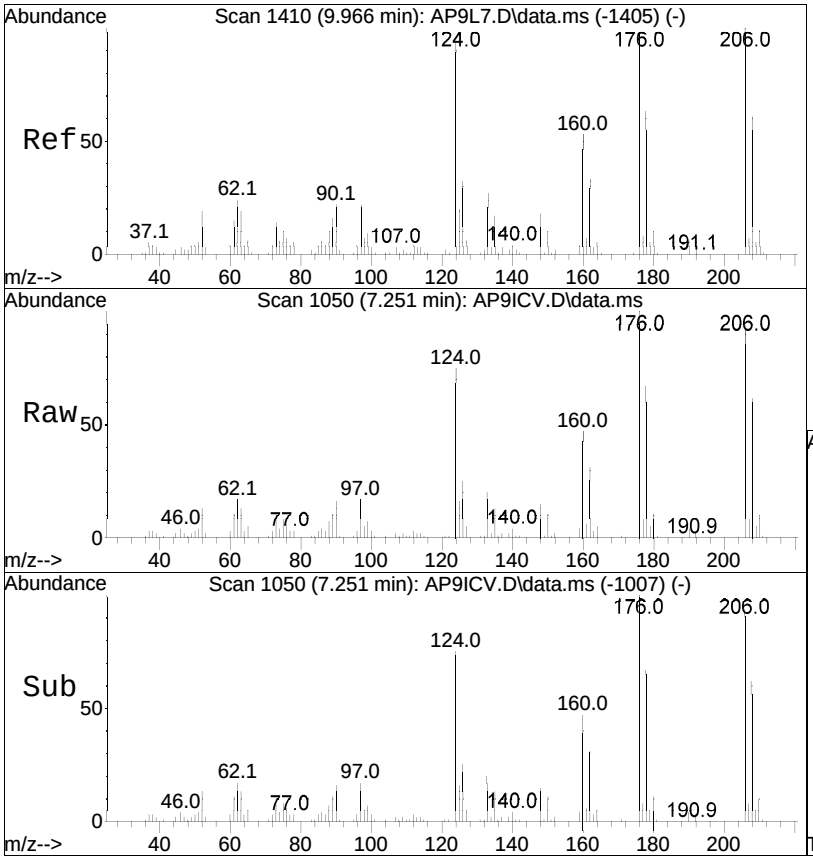


#62
Biphenyl
Concen: 50.59 ug/ml
RT: 5.758 min Scan# 796
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion:154 Resp: 470611

Ion	Ratio	Lower	Upper
154	100		
153	42.0	33.8	50.8
152	29.9	23.0	34.6

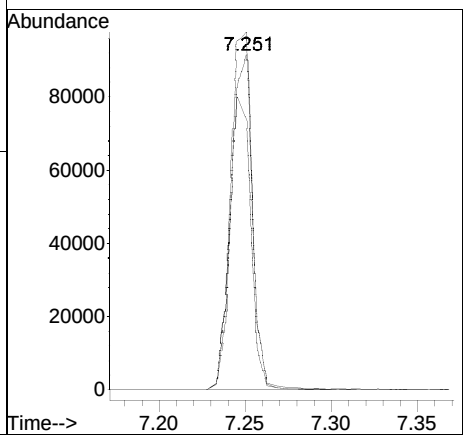


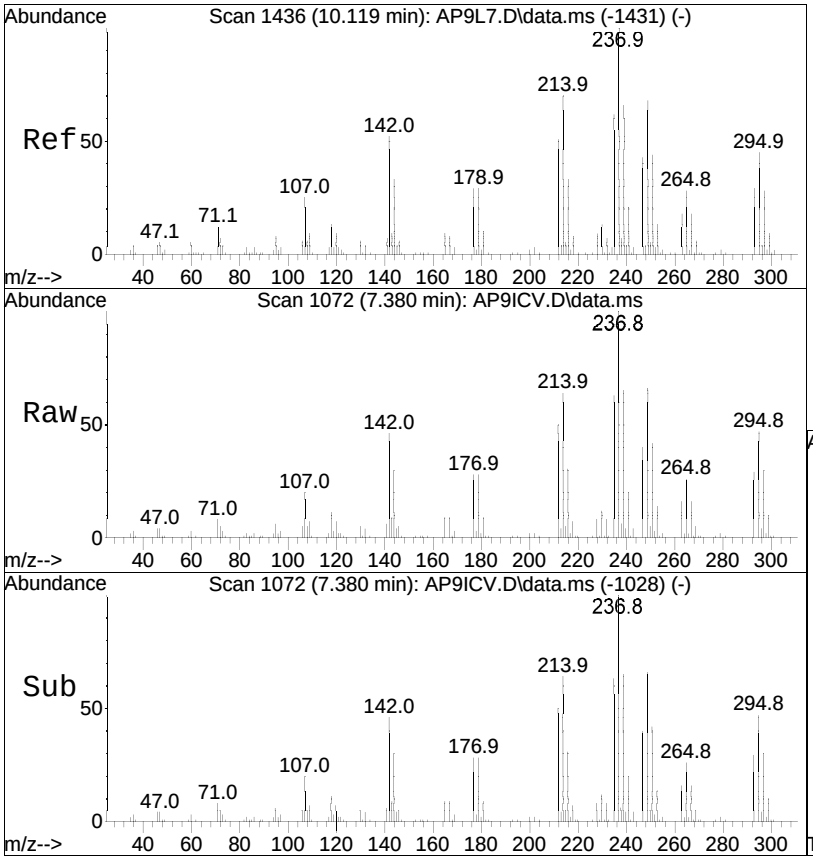


#84
Dichloran
Concen: 55.01 ug/ml
RT: 7.251 min Scan# 1050
Delta R.T. -0.000 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion:206 Resp: 76695

Ion	Ratio	Lower	Upper
206	100		
176	112.4	82.7	124.1
124	88.6	86.2	129.4

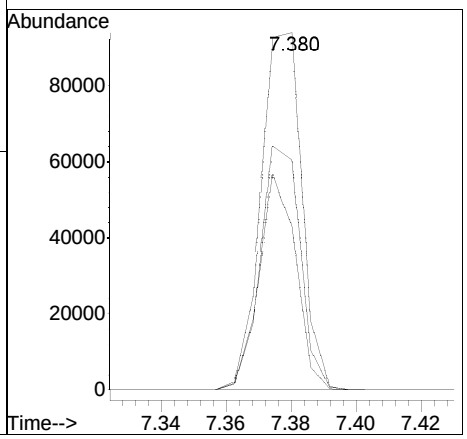


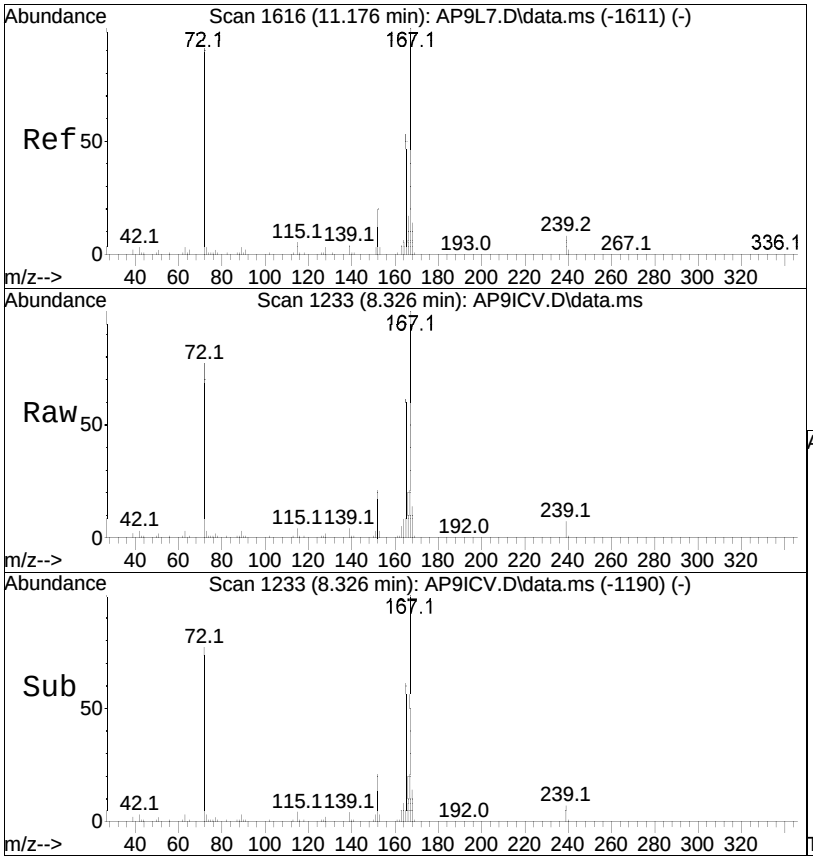


#85
Pentachloronitrobenzene
Concen: 52.73 ug/ml
RT: 7.380 min Scan# 1072
Delta R.T. 0.006 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion:237 Resp: 81860

Ion	Ratio	Lower	Upper
237	100		
142	54.4	57.4	86.2#
214	66.7	55.0	82.6

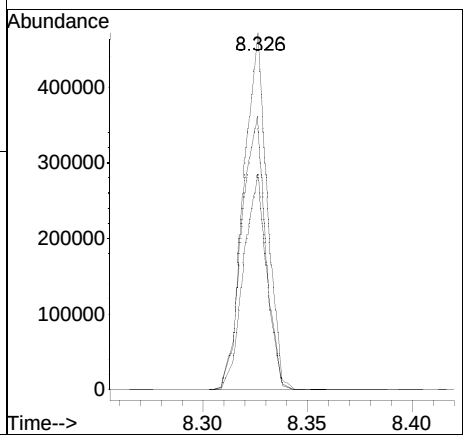




#99
Diphenamid
Concen: 50.91 ug/ml
RT: 8.326 min Scan# 1233
Delta R.T. 0.000 min
Lab File: AP9ICV.D
Acq: 10 Dec 2025 12:40 am

Tgt Ion:167 Resp: 367514

Ion	Ratio	Lower	Upper
167	100		
72	77.9	95.0	142.6#
165	60.7	40.4	60.6#



Manual Integration Report

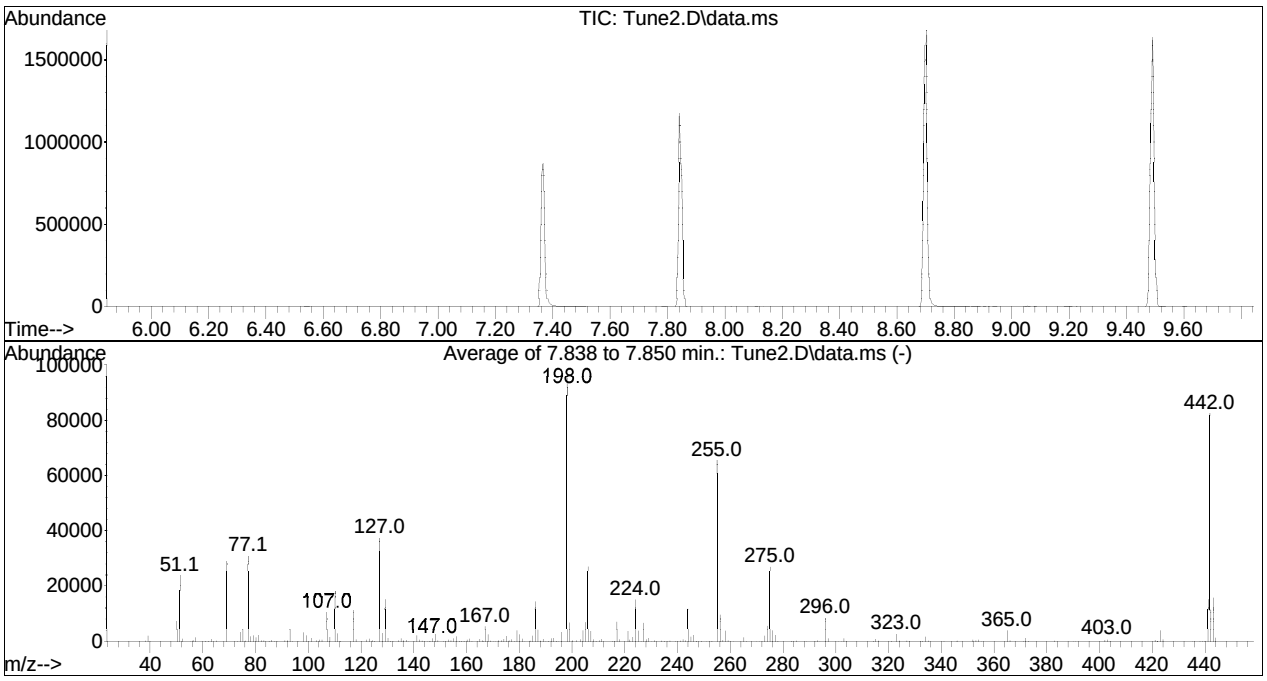
Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: AP9ICV.D	Operator	: MORK:jg
Date Inj'd	: 12/10/2025 12:40 am	Instrument	: Mork
Sample	: CQICV2,32,,AP9ICV Lot# 120	Quant Date	: 12/11/2025 12:55 pm

There are no manual integrations or false positives in this file.

Data Path : I:\8270\Mork\251209ical\
Data File : Tune2.D
Acq On : 10 Dec 2025 1:00 am
Operator : MORK:jg
Sample : Tune Lot#12051
Misc : WG2152654,,
ALS Vial : 100 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\Mork\251209ical\FS251209Mork.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Thu Dec 11 12:38:17 2025



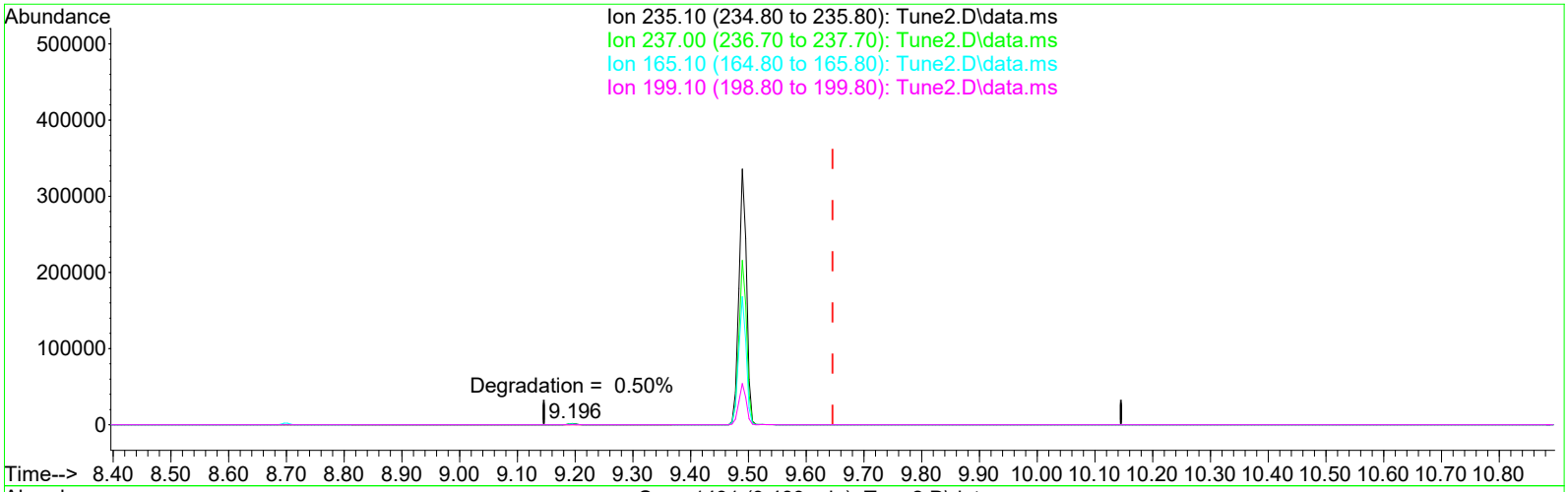
Spectrum Information: Average of 7.838 to 7.850 min.

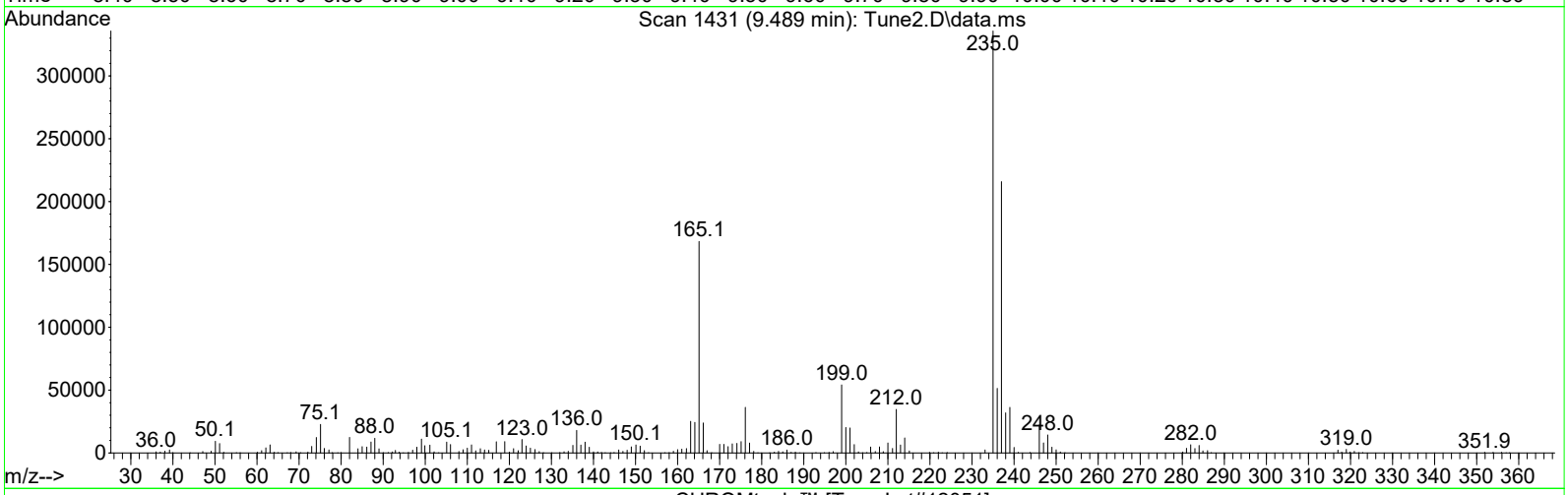
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	24.9	23721	PASS
68	69	0.00	2	0.0	0	PASS
69	69	100	100	100.0	28840	PASS
70	69	0.00	2	0.0	0	PASS
127	198	10	80	39.0	37232	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	95453	PASS
199	198	5	9	6.8	6496	PASS
275	198	10	60	28.2	26959	PASS
365	198	1	100	4.1	3897	PASS
441	442	0.01	24	18.4	15124	PASS
442	198	50	100	86.3	82355	PASS
443	442	15	24	19.1	15706	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\Mork\251209ical\
Data File : Tune2.D
Acq On : 10 Dec 2025 1:00 am
Operator : MORK:jg
Sample : Tune Lot#12051
Misc : WG2152654,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Dec 10 09:25:02 2025
Quant Method : I:\8270\Mork\251209ical\DftppMork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 09 17:49:22 2025
Response via : Initial Calibration





CHROMtools™ [Tune Lot#12051]

(6) DDT (T)

9.489min (-0.157) 50.44

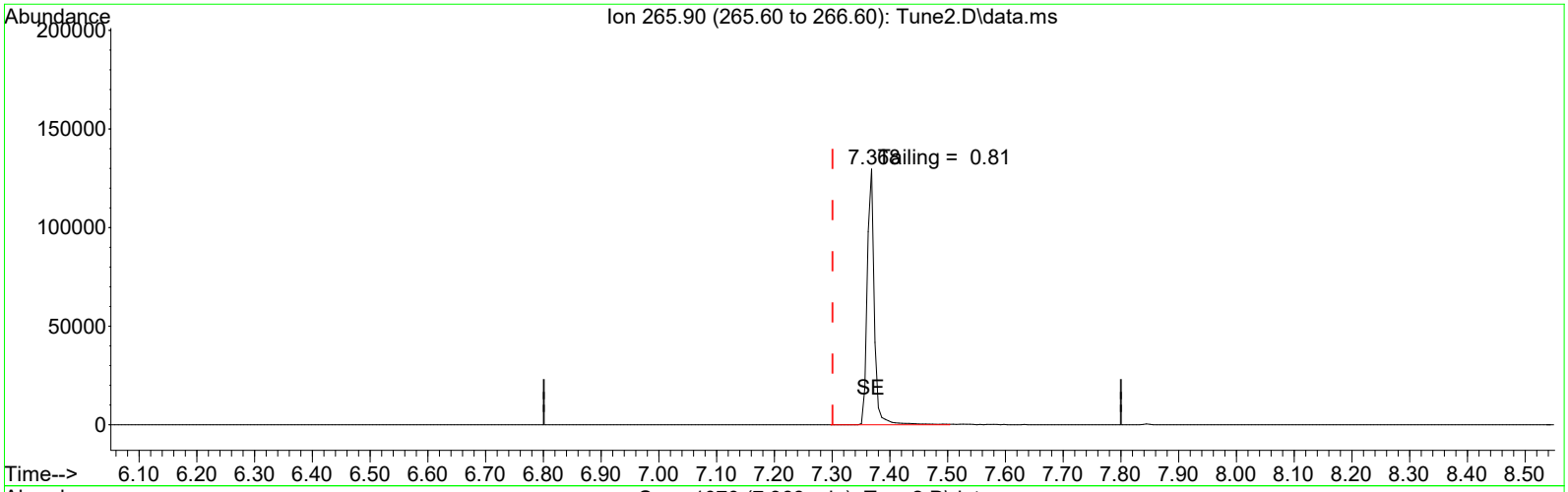
response 307494

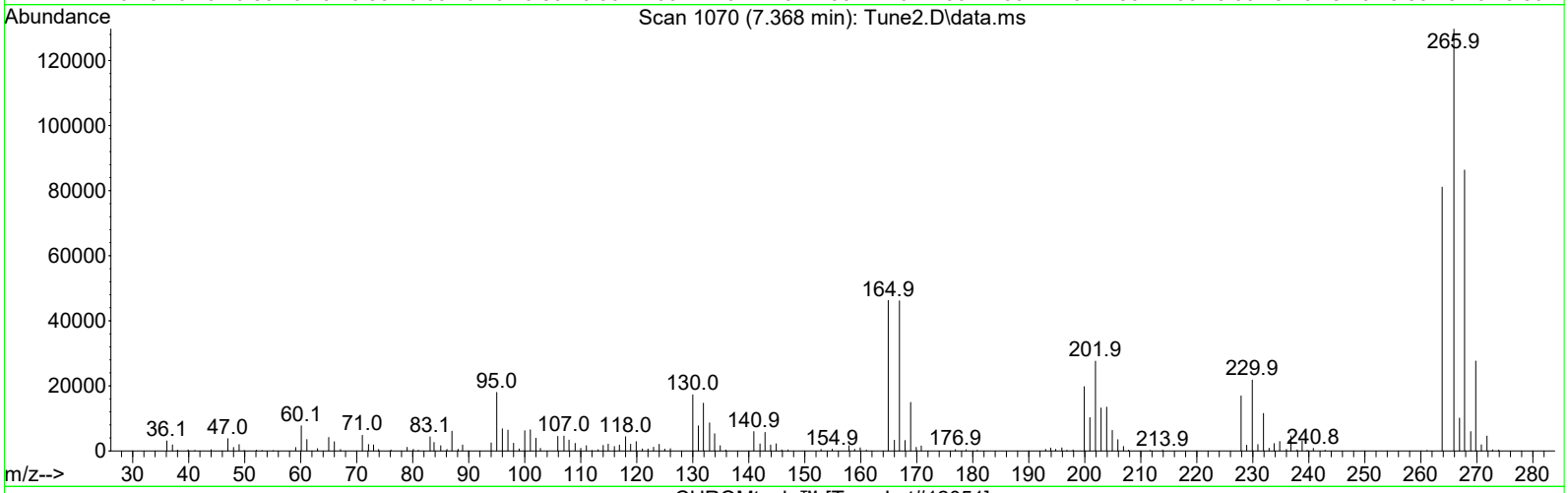
Ion	Exp%	Act%
235.10	100.00	100.00
237.00	66.20	64.66
165.10	43.90	49.40
199.10	13.50	15.81

Quantitation Report (Qedit)

Data Path : I:\8270\Mork\251209ical\
Data File : Tune2.D
Acq On : 10 Dec 2025 1:00 am
Operator : MORK:jg
Sample : Tune Lot#12051
Misc : WG2152654,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Dec 10 09:25:02 2025
Quant Method : I:\8270\Mork\251209ical\DftppMork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 09 17:49:22 2025
Response via : Initial Calibration





CHROMtools™ [Tune Lot#12051]

(1) Pentachlorophenol (T)

7.368min (+ 0.067) 52.77

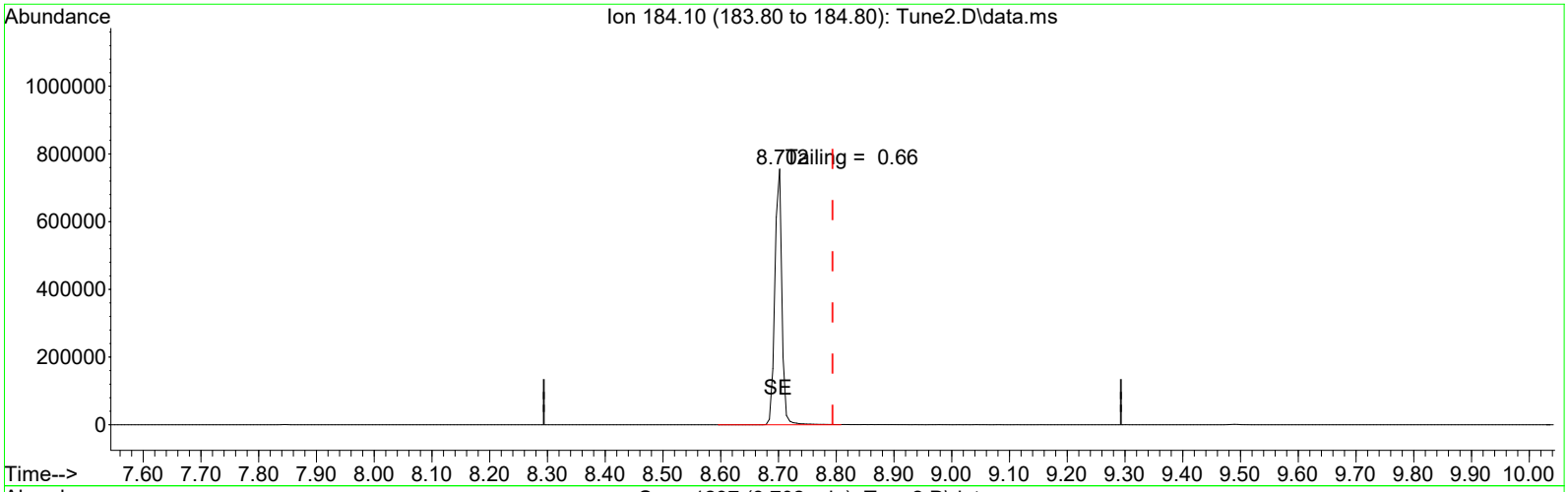
response 110827

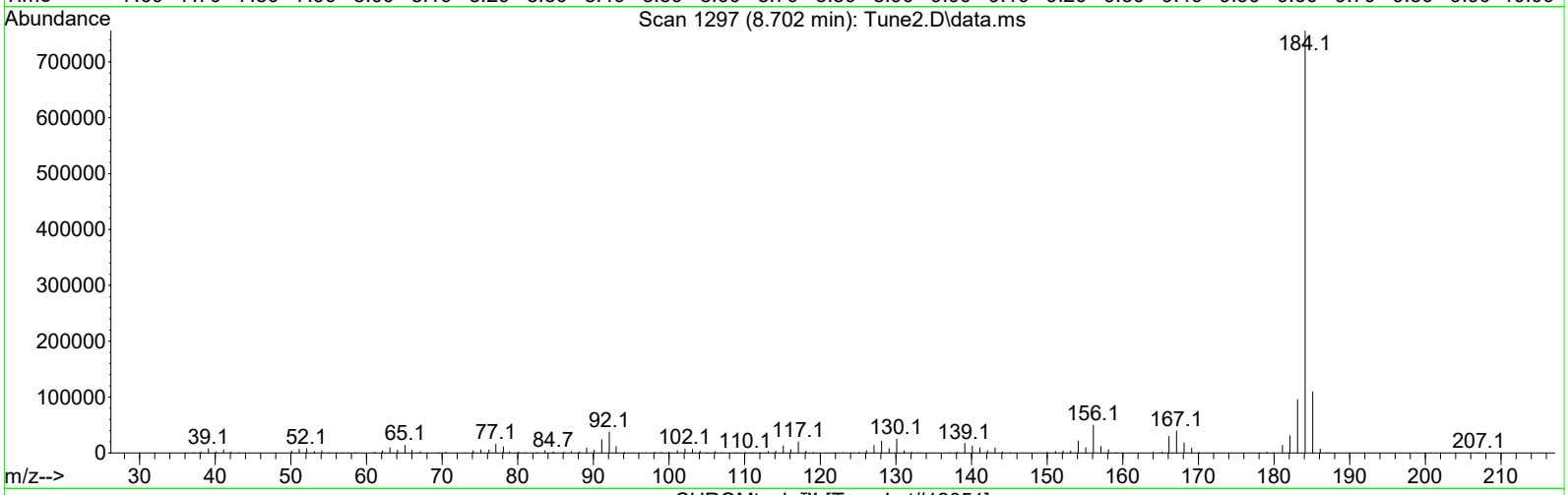
Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\Mork\251209ical\
Data File : Tune2.D
Acq On : 10 Dec 2025 1:00 am
Operator : MORK:jg
Sample : Tune Lot#12051
Misc : WG2152654,,
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Dec 10 09:25:02 2025
Quant Method : I:\8270\Mork\251209ical\DftppMork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Dec 09 17:49:22 2025
Response via : Initial Calibration





CHROMtools™ [Tune Lot#12051]

(3) Benzidine (T)

8.702min (-0.092) 62.98

response 641189

Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL10.D
Acq On : 10 Dec 2025 1:20 am
Operator : MORK:jg
Sample : IL21,32,,ADPL200 Lot# 12113
Misc : WG2152654,,
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 10 15:37:44 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.649	152	132915	40.000	ug/ml	0.00
Standard Area 1 = 111251			Recovery = 119.47%			
86) IS3_Acenaphthene-d10	6.234	164	289921	40.000	ug/ml	0.00
Standard Area 1 = 239298			Recovery = 121.15%			
100) IS3_Phenanthrene-d10	7.509	188	611389	40.000	ug/ml	# 0.00
Standard Area 1 = 535365			Recovery = 114.20%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.275	88	232686	165.061	ug/ml	97
34) n-Decane	3.555	57	506081	159.359	ug/ml	96
87) Atrazine	7.339	200	637132	207.423	ug/ml#	90
101) n-Octadecane	7.509	57	714434	153.236	ug/ml	97
102) Parathion	8.226	109	347392	233.892	ug/ml#	94
103) 3,3'-Dimethylbenzidine	9.395	212	2594244	213.884	ug/ml	97

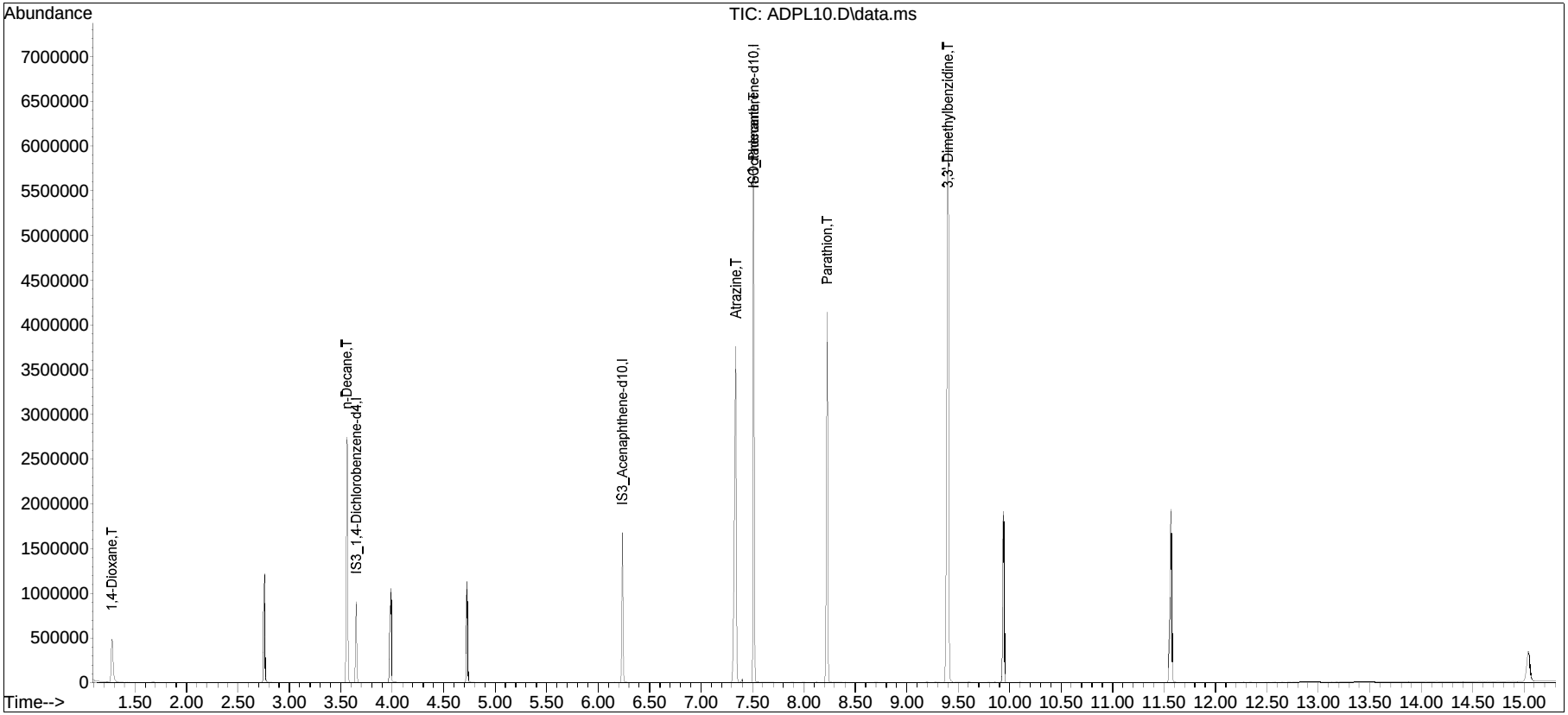
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL10.D
Acq On : 10 Dec 2025 1:20 am
Operator : MORK:jg
Sample : IL21,32,,ADPL200 Lot# 12113
Misc : WG2152654,,
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Dec 10 15:37:44 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistl\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: ADPL10.D	Operator	: MORK:jg
Date Inj'd	: 12/10/2025 1:20 am	Instrument	: Mork
Sample	: IL21,32,,ADPL200 Lot# 1211	Quant Date	: 12/10/2025 2:52 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL9.D
Acq On : 10 Dec 2025 1:40 am
Operator : MORK:jg
Sample : IL22,32,,ADPL150 Lot# 12114
Misc : WG2152654,,
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 10 15:42:46 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
	Internal Standards							
32)	IS3_1,4-Dichlorobenzen...	3.649	152	124723	40.000	ug/ml		0.00
	Standard Area 1 = 111251			Recovery	= 112.11%			
86)	IS3_Acenaphthene-d10	6.234	164	278979	40.000	ug/ml		0.00
	Standard Area 1 = 239298			Recovery	= 116.58%			
100)	IS3_Phenanthrene-d10	7.509	188	586003	40.000	ug/ml	#	0.00
	Standard Area 1 = 535365			Recovery	= 109.46%			
	System Monitoring Compounds							
	Target Compounds							Qvalue
33)	1,4-Dioxane	1.275	88	162872	123.125	ug/ml		96
34)	n-Decane	3.555	57	362908	121.781	ug/ml		96
87)	Atrazine	7.333	200	453369	153.387	ug/ml	#	91
101)	n-Octadecane	7.509	57	520856	116.556	ug/ml		97
102)	Parathion	8.226	109	248112	174.286	ug/ml	#	94
103)	3,3'-Dimethylbenzidine	9.395	212	1905623	163.916	ug/ml		98

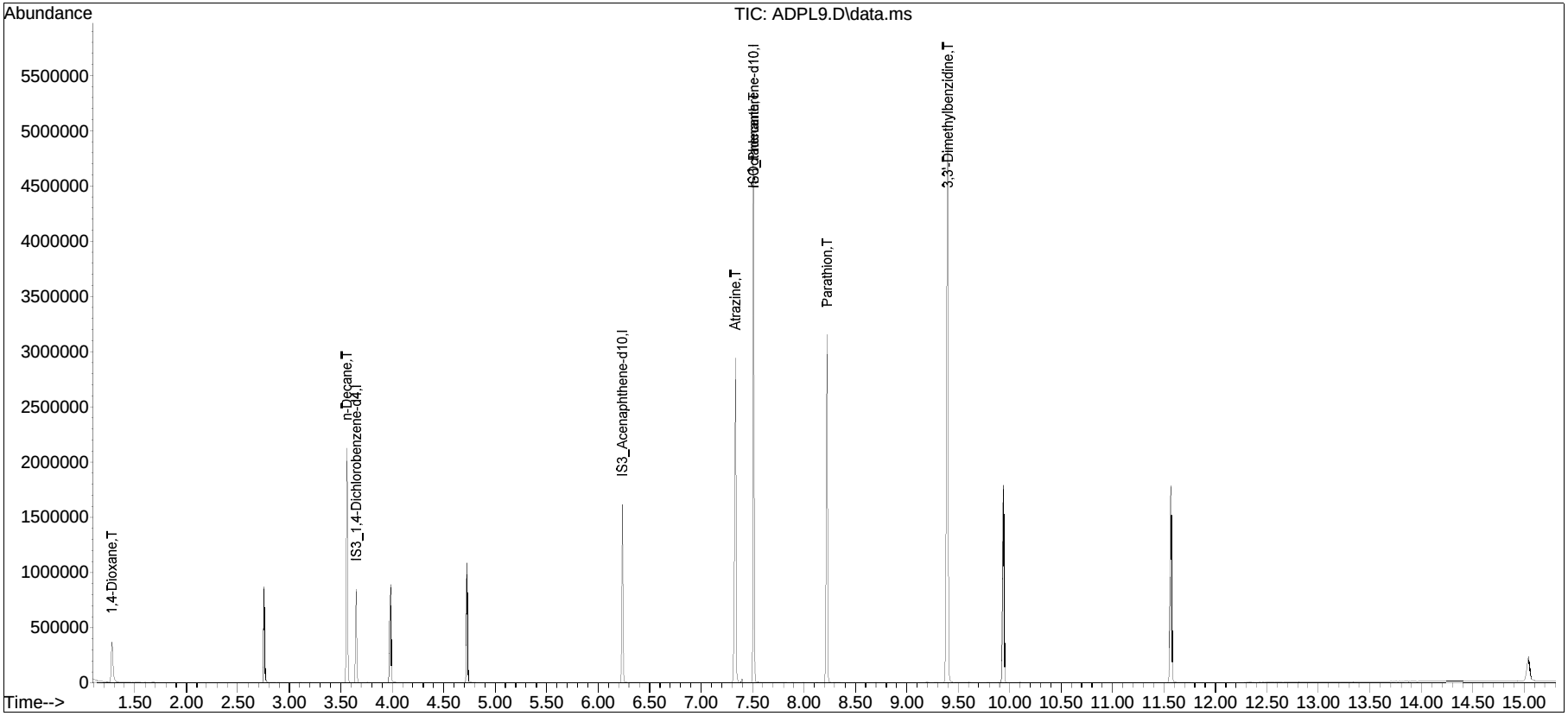
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL9.D
Acq On : 10 Dec 2025 1:40 am
Operator : MORK:jg
Sample : IL22,32,,ADPL150 Lot# 12114
Misc : WG2152654,,
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Dec 10 15:42:46 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistl\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: ADPL9.D	Operator	: MORK:jg
Date Inj'd	: 12/10/2025 1:40 am	Instrument	: Mork
Sample	: IL22,32,,ADPL150 Lot# 1211	Quant Date	: 12/10/2025 2:54 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL8.D
Acq On : 10 Dec 2025 2:00 am
Operator : MORK:jg
Sample : IL23,32,,ADPL100 Lot# 12115
Misc : WG2152654,,
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 10 15:42:12 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.649	152	114756	40.000	ug/ml	0.00
Standard Area 1 = 111251			Recovery = 103.15%			
86) IS3_Acenaphthene-d10	6.234	164	244531	40.000	ug/ml	0.00
Standard Area 1 = 239298			Recovery = 102.19%			
100) IS3_Phenanthrene-d10	7.509	188	540665	40.000	ug/ml	# 0.00
Standard Area 1 = 535365			Recovery = 100.99%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.275	88	101878	83.705	ug/ml	96
34) n-Decane	3.555	57	221859	80.916	ug/ml	97
87) Atrazine	7.327	200	274995	106.145	ug/ml#	90
101) n-Octadecane	7.509	57	319143	77.406	ug/ml	97
102) Parathion	8.220	109	146140	111.264	ug/ml	94
103) 3,3'-Dimethylbenzidine	9.389	212	1206123	112.447	ug/ml	98

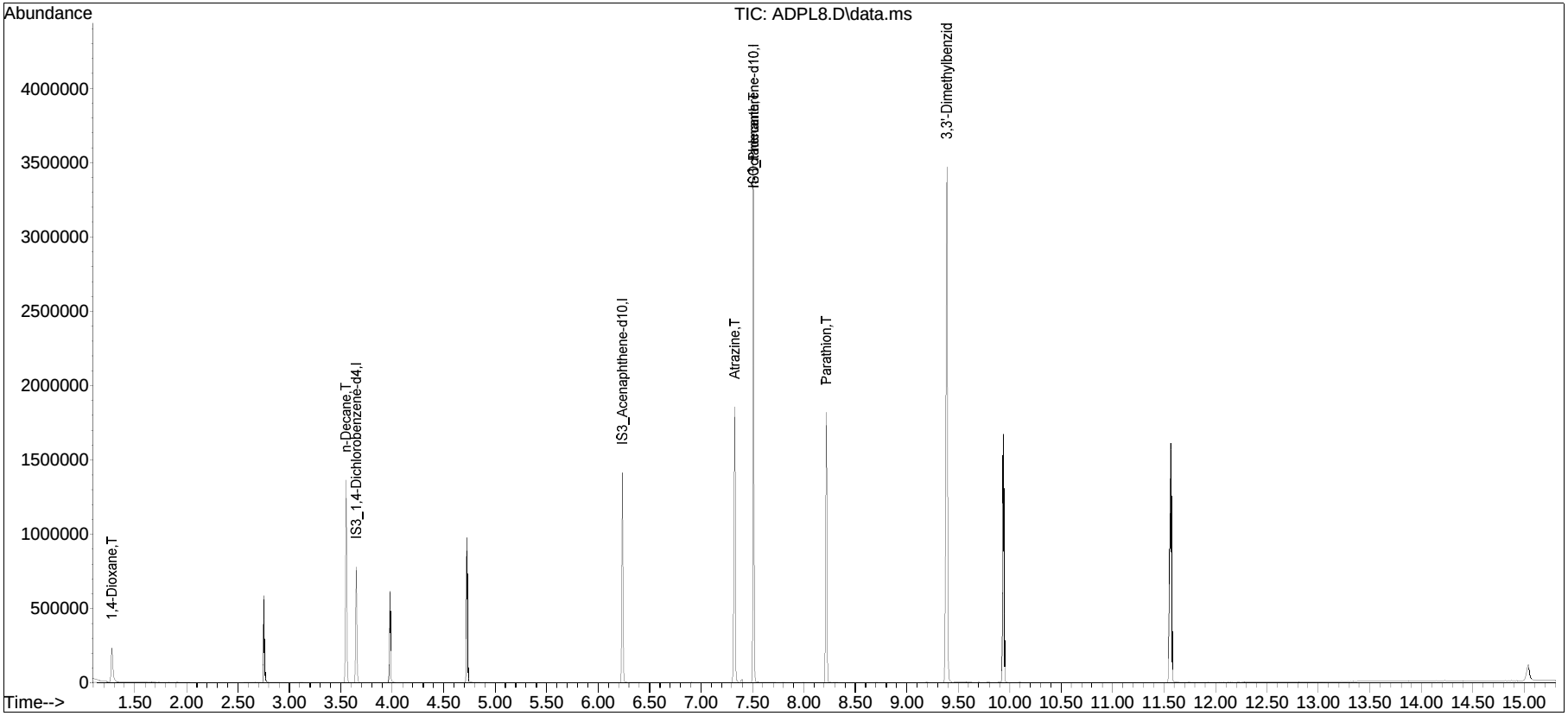
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL8.D
Acq On : 10 Dec 2025 2:00 am
Operator : MORK:jg
Sample : IL23,32,,ADPL100 Lot# 12115
Misc : WG2152654,,
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 10 15:42:12 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistl\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: ADPL8.D	Operator	: MORK:jg
Date Inj'd	: 12/10/2025 2:00 am	Instrument	: Mork
Sample	: IL23,32,,ADPL100 Lot# 1211	Quant Date	: 12/10/2025 2:54 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL7.D
Acq On : 10 Dec 2025 2:20 am
Operator : MORK:jg
Sample : IL24,32,,ADPL50 Lot# 12116
Misc : WG2152654,,
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 10 14:31:57 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:32:24 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.649	152	111251	40.000	ug/ml	0.00
Standard Area 1 = 111251			Recovery = 100.00%			
86) IS3_Acenaphthene-d10	6.234	164	239298	40.000	ug/ml	0.00
Standard Area 1 = 239298			Recovery = 100.00%			
100) IS3_Phenanthrene-d10	7.509	188	535365	40.000	ug/ml	# 0.00
Standard Area 1 = 535365			Recovery = 100.00%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.275	88	51812	43.911	ug/ml	96
34) n-Decane	3.555	57	110309	41.499	ug/ml	97
87) Atrazine	7.327	200	134586	53.085	ug/ml#	90
101) n-Octadecane	7.509	57	156635	38.367	ug/ml	96
102) Parathion	8.220	109	69266	53.258	ug/ml	94
103) 3,3'-Dimethylbenzidine	9.384	212	614094	57.819	ug/ml	98

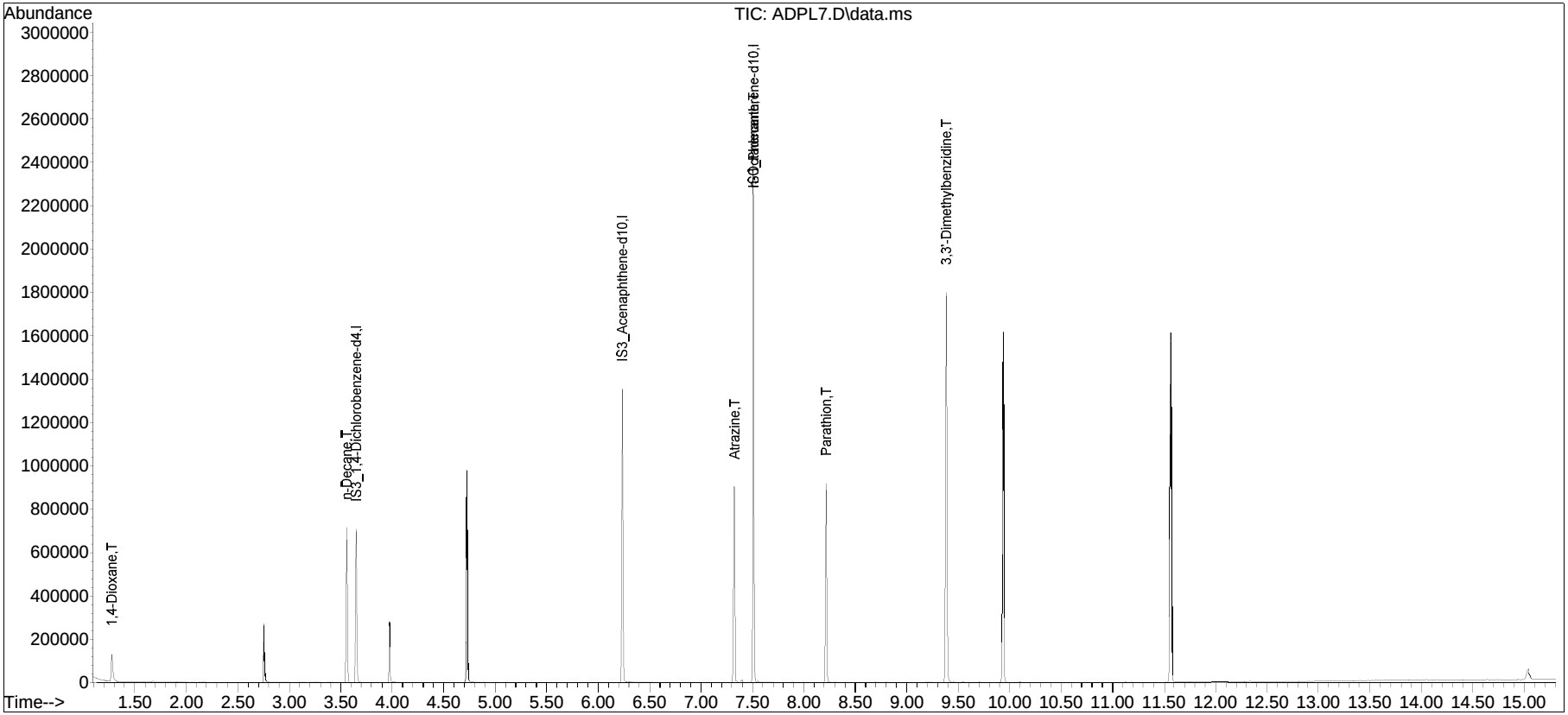
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL7.D
Acq On : 10 Dec 2025 2:20 am
Operator : MORK:jg
Sample : IL24,32,,ADPL50 Lot# 12116
Misc : WG2152654,,
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 10 14:31:57 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:32:24 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistl\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: ADPL7.D	Operator	: MORK:jg
Date Inj'd	: 12/10/2025 2:20 am	Instrument	: Mork
Sample	: IL24,32,,ADPL50 Lot# 12116	Quant Date	: 12/10/2025 2:32 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL6.D
Acq On : 10 Dec 2025 2:40 am
Operator : MORK:jg
Sample : IL25,32,,ADPL25 Lot# 12117
Misc : WG2152654,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 10 15:41:20 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.649	152	115880	40.000	ug/ml	0.00
Standard Area 1 = 111251			Recovery = 104.16%			
86) IS3_Acenaphthene-d10	6.234	164	249829	40.000	ug/ml	0.00
Standard Area 1 = 239298			Recovery = 104.40%			
100) IS3_Phenanthrene-d10	7.509	188	558618	40.000	ug/ml	# 0.00
Standard Area 1 = 535365			Recovery = 104.34%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.281	88	28834	23.461	ug/ml	95
34) n-Decane	3.555	57	62078	22.421	ug/ml	97
87) Atrazine	7.321	200	75299	28.448	ug/ml#	90
101) n-Octadecane	7.509	57	89779	21.075	ug/ml	95
102) Parathion	8.220	109	37144	27.371	ug/ml	95
103) 3,3'-Dimethylbenzidine	9.384	212	340631	30.736	ug/ml	98

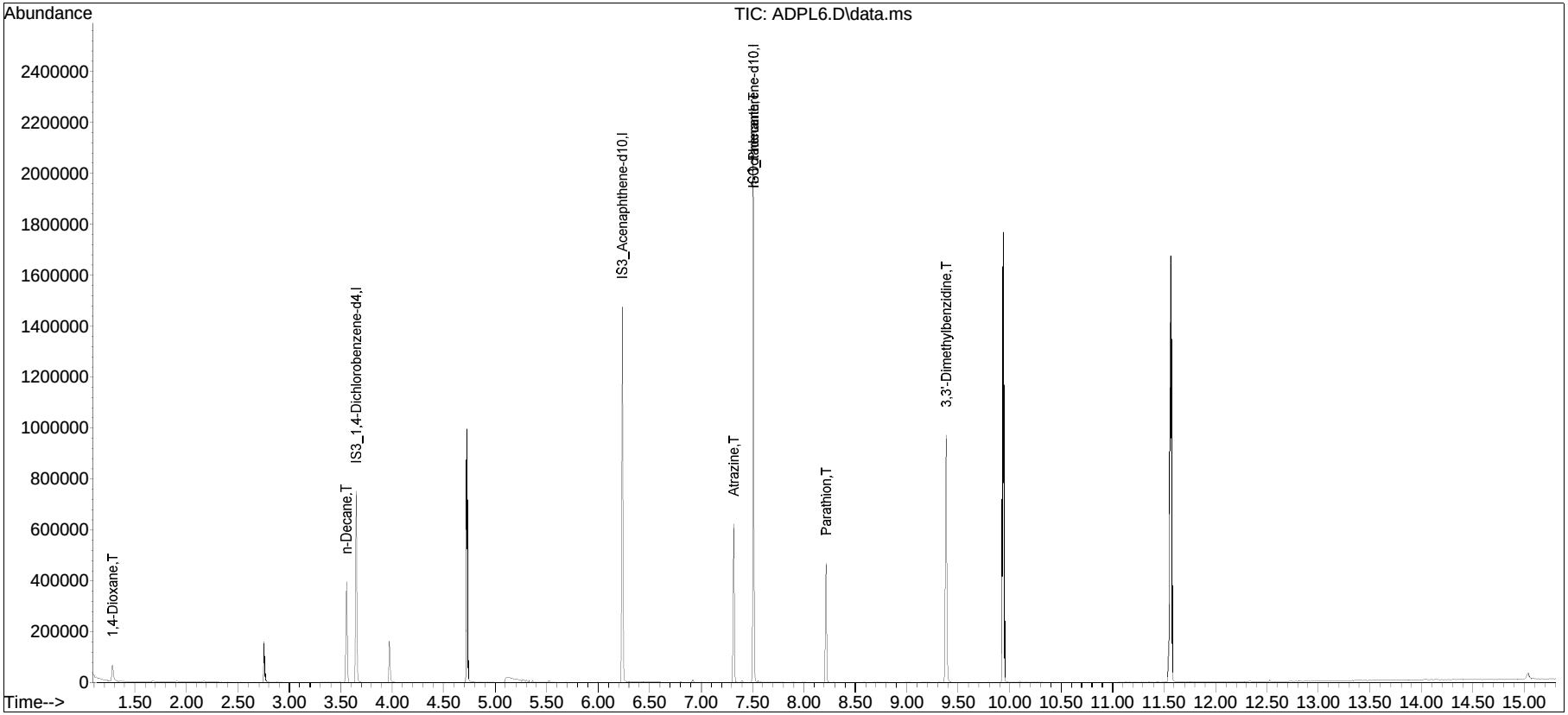
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL6.D
Acq On : 10 Dec 2025 2:40 am
Operator : MORK:jg
Sample : IL25,32,,ADPL25 Lot# 12117
Misc : WG2152654,,
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Dec 10 15:41:20 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistl\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: ADPL6.D	Operator	: MORK:jg
Date Inj'd	: 12/10/2025 2:40 am	Instrument	: Mork
Sample	: IL25,32,,ADPL25 Lot# 12117	Quant Date	: 12/10/2025 2:54 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL5.D
Acq On : 10 Dec 2025 3:00 am
Operator : MORK:jg
Sample : IL26,32,,ADPL10 Lot# 12118
Misc : WG2152654,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 10 15:40:52 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
32) IS3_1,4-Dichlorobenzen...	3.649	152	137973	40.000	ug/ml		0.00
Standard Area 1 = 111251			Recovery = 124.02%				
86) IS3_Acenaphthene-d10	6.234	164	283755	40.000	ug/ml		0.00
Standard Area 1 = 239298			Recovery = 118.58%				
100) IS3_Phenanthrene-d10	7.509	188	614625	40.000	ug/ml	#	0.00
Standard Area 1 = 535365			Recovery = 114.80%				
System Monitoring Compounds							
Target Compounds							Qvalue
33) 1,4-Dioxane	1.281	88	12468	8.520	ug/ml		93
34) n-Decane	3.555	57	27815	8.438	ug/ml		97
87) Atrazine	7.321	200	30762	10.232	ug/ml	#	91
101) n-Octadecane	7.509	57	36117	7.706	ug/ml		95
102) Parathion	8.220	109	14028	9.395	ug/ml		96
103) 3,3'-Dimethylbenzidine	9.384	212	139797	11.465	ug/ml		98

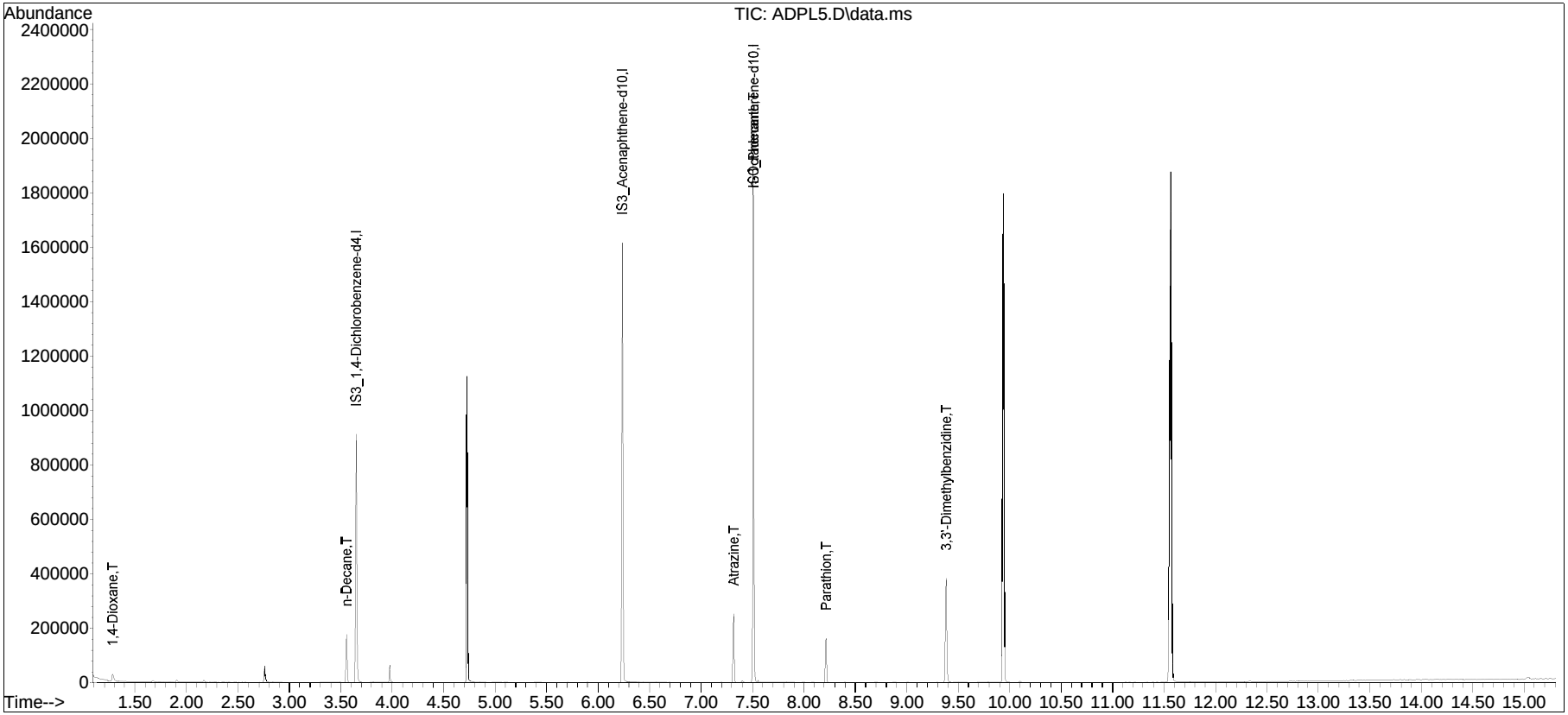
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL5.D
Acq On : 10 Dec 2025 3:00 am
Operator : MORK:jg
Sample : IL26,32,,ADPL10 Lot# 12118
Misc : WG2152654,,
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Dec 10 15:40:52 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistl\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: ADPL5.D	Operator	: MORK:jg
Date Inj'd	: 12/10/2025 3:00 am	Instrument	: Mork
Sample	: IL26,32,,ADPL10 Lot# 12118	Quant Date	: 12/10/2025 2:53 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL4.D
Acq On : 10 Dec 2025 3:20 am
Operator : MORK:jg
Sample : IL27,32,,ADPL5 Lot# 12119
Misc : WG2152654,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 10 15:40:16 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.649	152	128018	40.000	ug/ml	0.00
Standard Area 1 = 111251			Recovery = 115.07%			
86) IS3_Acenaphthene-d10	6.234	164	263235	40.000	ug/ml	0.00
Standard Area 1 = 239298			Recovery = 110.00%			
100) IS3_Phenanthrene-d10	7.509	188	588853	40.000	ug/ml	# 0.00
Standard Area 1 = 535365			Recovery = 109.99%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.281	88	6477	4.770	ug/ml	94
34) n-Decane	3.555	57	13502	4.414	ug/ml	95
87) Atrazine	7.321	200	15032	5.390	ug/ml#	90
101) n-Octadecane	7.503	57	18330	4.082	ug/ml	96
102) Parathion	8.214	109	6680	4.670	ug/ml	95
103) 3,3'-Dimethylbenzidine	9.384	212	66005	5.650	ug/ml	98

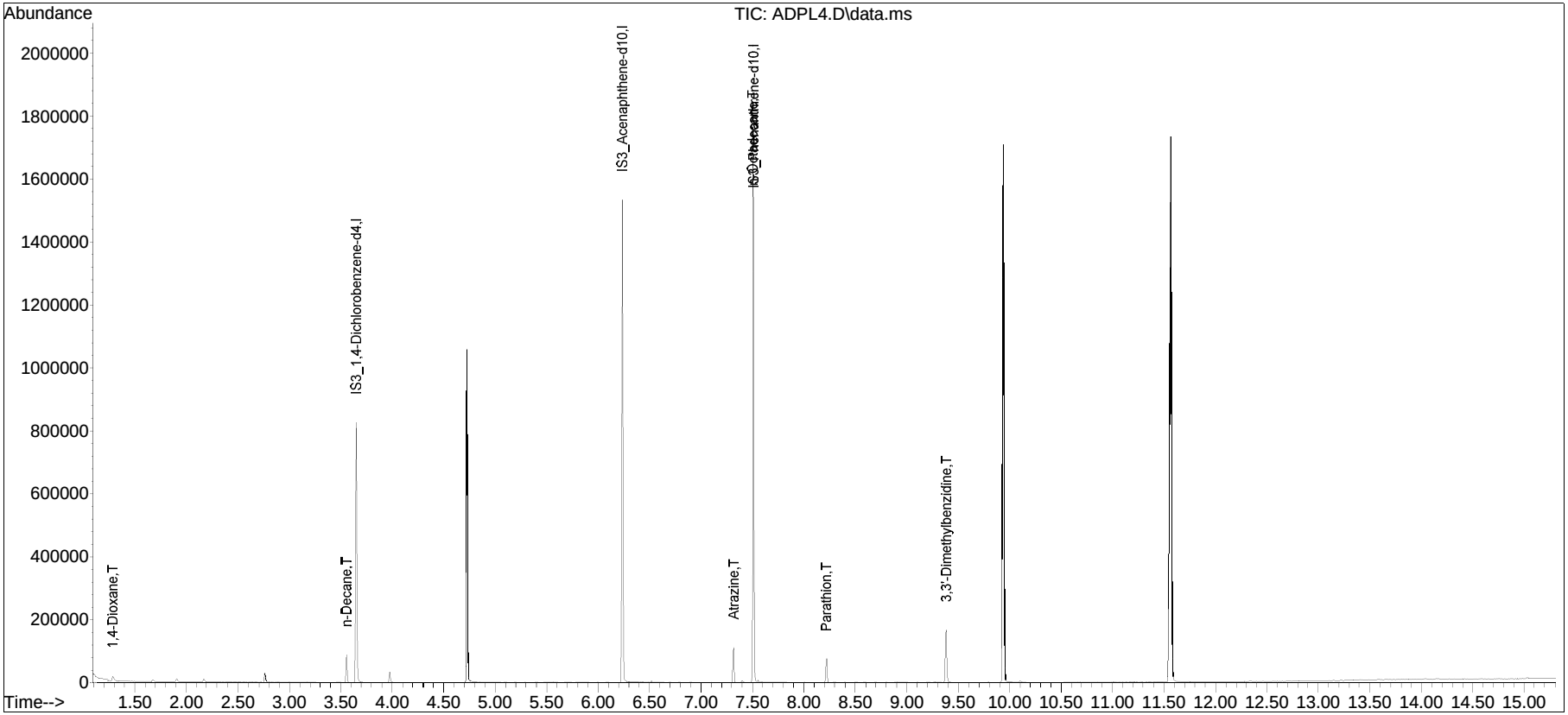
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL4.D
Acq On : 10 Dec 2025 3:20 am
Operator : MORK:jg
Sample : IL27,32,,ADPL5 Lot# 12119
Misc : WG2152654,,
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Dec 10 15:40:16 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistl\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: ADPL4.D	Operator	: MORK:jg
Date Inj'd	: 12/10/2025 3:20 am	Instrument	: Mork
Sample	: IL27,32,,ADPL5 Lot# 12119	Quant Date	: 12/10/2025 2:53 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL3.D
Acq On : 10 Dec 2025 3:40 am
Operator : MORK:jg
Sample : IL28,32,,ADPL3 Lot# 12120
Misc : WG2152654,,
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 10 15:39:00 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.649	152	115332	40.000	ug/ml	0.00
Standard Area 1 = 111251			Recovery = 103.67%			
86) IS3_Acenaphthene-d10	6.234	164	234926	40.000	ug/ml	0.00
Standard Area 1 = 239298			Recovery = 98.17%			
100) IS3_Phenanthrene-d10	7.509	188	521177	40.000	ug/ml	# 0.00
Standard Area 1 = 535365			Recovery = 97.35%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.281	88	3847	3.145	ug/ml#	83
34) n-Decane	3.555	57	6970	2.529	ug/ml	96
87) Atrazine	7.321	200	8206	3.297	ug/ml#	89
101) n-Octadecane	7.509	57	9930	2.499	ug/ml	97
102) Parathion	8.214	109	3107	2.454	ug/ml	93
103) 3,3'-Dimethylbenzidine	9.384	212	34215	3.309	ug/ml	99

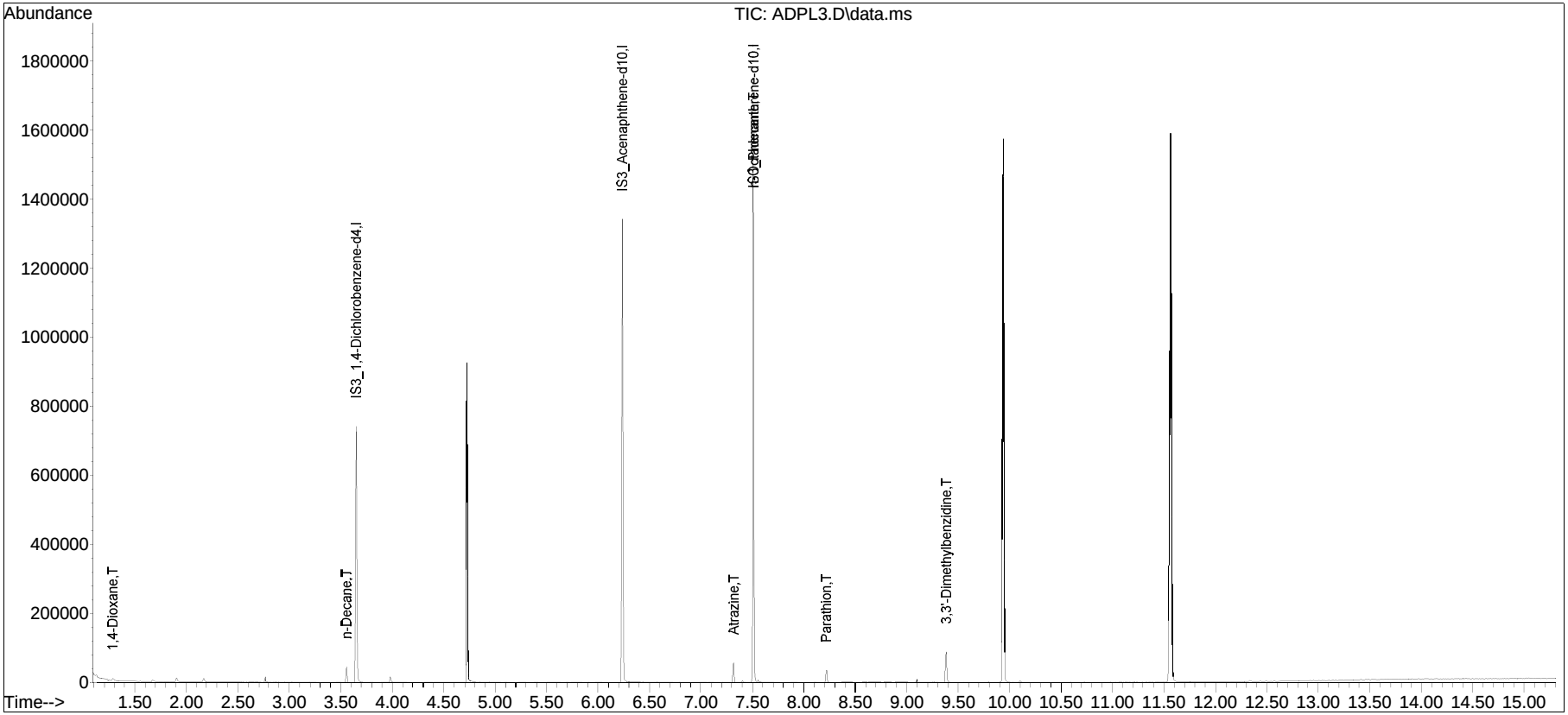
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL3.D
Acq On : 10 Dec 2025 3:40 am
Operator : MORK:jg
Sample : IL28,32,,ADPL3 Lot# 12120
Misc : WG2152654,,
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Dec 10 15:39:00 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistl\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: ADPL3.D	Operator	: MORK:jg
Date Inj'd	: 12/10/2025 3:40 am	Instrument	: Mork
Sample	: IL28,32,,ADPL3 Lot# 12120	Quant Date	: 12/10/2025 2:53 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL2.D
Acq On : 10 Dec 2025 4:00 am
Operator : MORK:jg
Sample : IL29,32,,ADPL2 Lot# 12121
Misc : WG2152654,,
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Dec 10 15:38:25 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.649	152	120133	40.000	ug/ml	0.00
Standard Area 1 = 111251			Recovery = 107.98%			
86) IS3_Acenaphthene-d10	6.234	164	256608	40.000	ug/ml	0.00
Standard Area 1 = 239298			Recovery = 107.23%			
100) IS3_Phenanthrene-d10	7.509	188	570256	40.000	ug/ml #	0.00
Standard Area 1 = 535365			Recovery = 106.52%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.287	88	2929	2.299	ug/ml#	84
34) n-Decane	3.555	57	4930	1.718	ug/ml#	90
87) Atrazine	7.321	200	6201	2.281	ug/ml#	84
101) n-Octadecane	7.509	57	7085	1.629	ug/ml	93
102) Parathion	8.220	109	2459	1.775	ug/ml	90
103) 3,3'-Dimethylbenzidine	9.384	212	23342	2.063	ug/ml	99

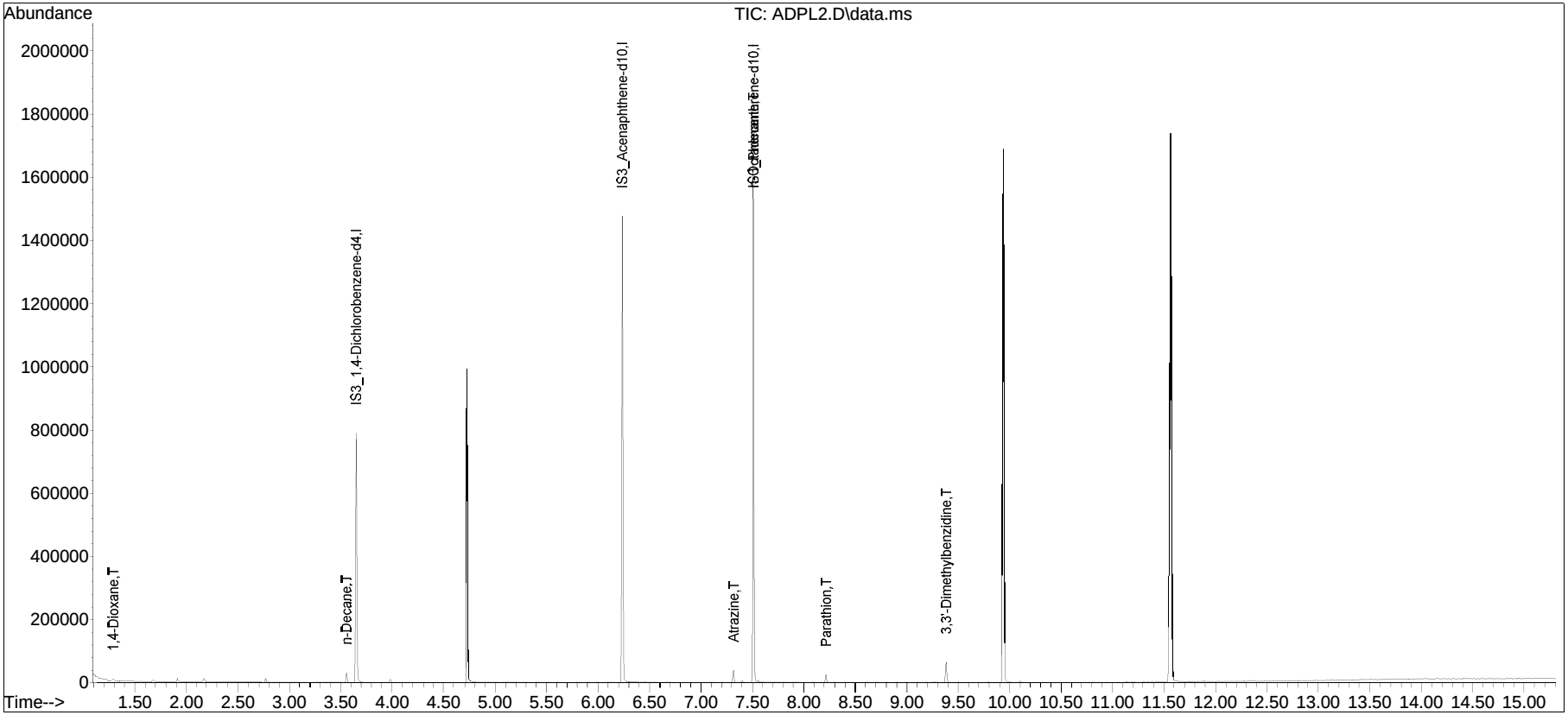
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL2.D
Acq On : 10 Dec 2025 4:00 am
Operator : MORK:jg
Sample : IL29,32,,ADPL2 Lot# 12121
Misc : WG2152654,,
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Dec 10 15:38:25 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistl\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: ADPL2.D	Operator	: MORK:jg
Date Inj'd	: 12/10/2025 4:00 am	Instrument	: Mork
Sample	: IL29,32,,ADPL2 Lot# 12121	Quant Date	: 12/10/2025 2:52 pm

There are no manual integrations or false positives in this file.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL1.D
Acq On : 10 Dec 2025 4:20 am
Operator : MORK:jg
Sample : IL30,32,,ADPL0.5 Lot# 12122
Misc : WG2152654,,
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Dec 10 15:37:08 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
32) IS3_1,4-Dichlorobenzen...	3.649	152	127958	40.000	ug/ml		0.00
Standard Area 1 = 111251			Recovery = 115.02%				
86) IS3_Acenaphthene-d10	6.234	164	281248	40.000	ug/ml		0.00
Standard Area 1 = 239298			Recovery = 117.53%				
100) IS3_Phenanthrene-d10	7.509	188	603494	40.000	ug/ml	#	0.00
Standard Area 1 = 535365			Recovery = 112.73%				
System Monitoring Compounds							
Target Compounds							Qvalue
33) 1,4-Dioxane	1.287	88	746	0.550	ug/ml	#	31
34) n-Decane	3.555	57	1312	0.429	ug/ml		90
87) Atrazine	7.321	200	1659	0.557	ug/ml	#	82
101) n-Octadecane	7.509	57	2172	0.472	ug/ml		93
102) Parathion	8.214	109	598	0.408	ug/ml	#	74
103) 3,3'-Dimethylbenzidine	9.383	212	6152	0.514	ug/ml		95

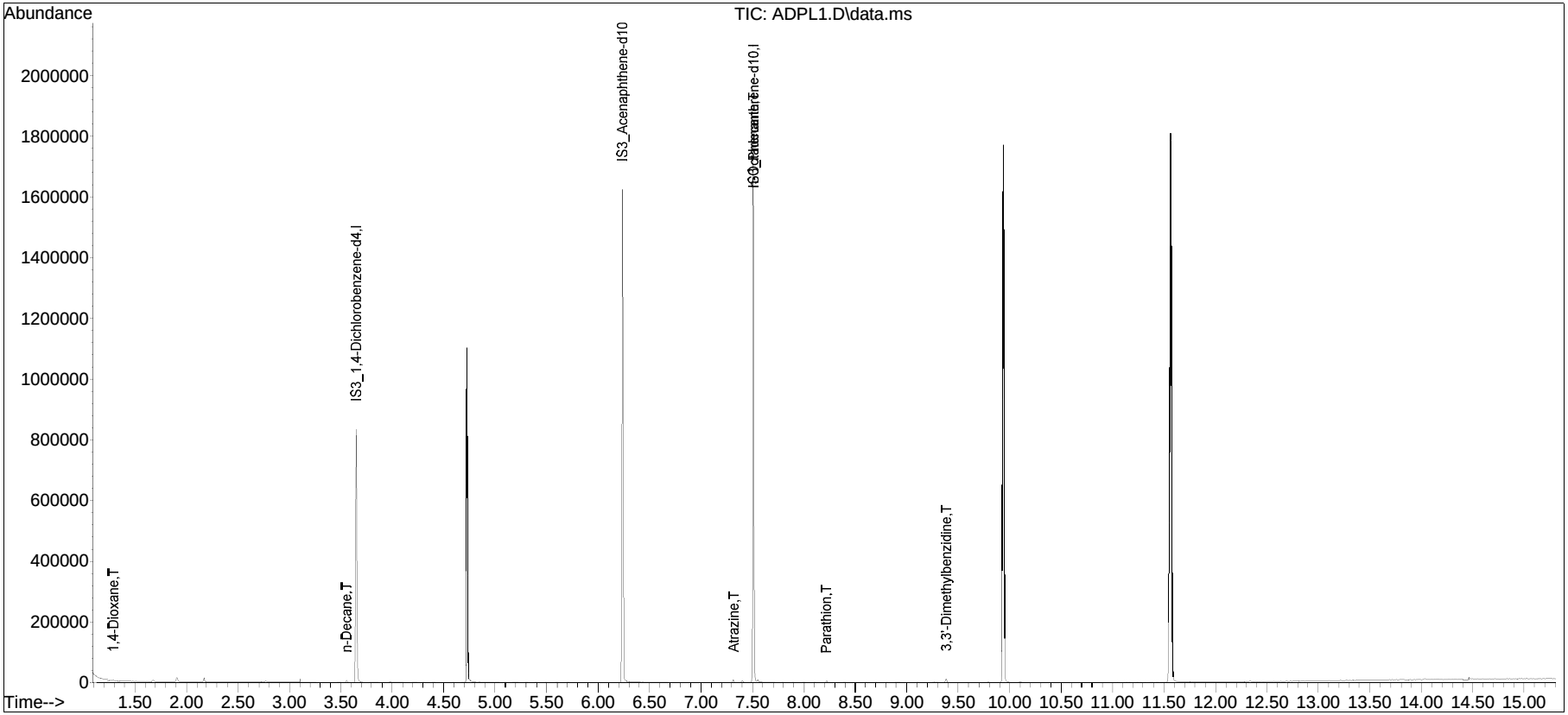
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPL1.D
Acq On : 10 Dec 2025 4:20 am
Operator : MORK:jg
Sample : IL30,32,,ADPL0.5 Lot# 12122
Misc : WG2152654,,
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Dec 10 15:37:08 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Wed Dec 10 14:44:00 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistl\ADPL7.D•



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: ADPL1.D	Operator	: MORK:jg
Date Inj'd	: 12/10/2025 4:20 am	Instrument	: Mork
Sample	: IL30,32,,ADPL0.5 Lot# 1212	Quant Date	: 12/10/2025 2:52 pm

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\8270\Mork\251209ical\
Data File : ADPICV.D
Acq On : 10 Dec 2025 4:41 am
Operator : MORK:jg
Sample : CQICV3,32,,ADPICV Lot# 12056
Misc : WG2152654,,
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 11 12:54:21 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Dec 11 12:54:57 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
32	I	IS3_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
33	T	1,4-Dioxane	0.399	0.377	5.5	103	0.00
34	T	n-Decane	0.806	0.810	-0.5	104	0.00
86	I	IS3_Acenaphthene-d10	1.000	1.000	0.0	99	0.00
87	T	Atrazine	0.457	0.489	-7.0	108	0.00
100	I	IS3_Phenanthrene-d10	1.000	1.000	0.0	99	0.00
101	T	n-Octadecane	0.247	0.255	-3.2	108	0.00
102	T	Parathion	0.097	0.109	-12.4	104	0.00
103	T	3,3'-Dimethylbenzidine	0.882	0.981	-11.2	106	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPICV.D
Acq On : 10 Dec 2025 4:41 am
Operator : MORK:jg
Sample : CQICV3,32,,ADPICV Lot# 12056
Misc : WG2152654,,
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 11 12:54:21 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Dec 11 12:54:57 2025
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\251209ical\ADPL7.D
Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.649	152	113131	40.000	ug/ml	0.00
Standard Area 1 = 111251			Recovery = 101.69%			
86) IS3_Acenaphthene-d10	6.234	164	237789	40.000	ug/ml	0.00
Standard Area 1 = 239298			Recovery = 99.37%			
100) IS3_Phenanthrene-d10	7.509	188	529706	40.000	ug/ml	# 0.00
Standard Area 1 = 535365			Recovery = 98.94%			
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	1.281	88	53314	47.254	ug/ml	97
34) n-Decane	3.555	57	114481	50.232	ug/ml	97
87) Atrazine	7.327	200	145476	53.591	ug/ml#	89
101) n-Octadecane	7.509	57	168927	51.591	ug/ml	97
102) Parathion	8.220	109	72208	56.120	ug/ml	94
103) 3,3'-Dimethylbenzidine	9.384	212	649227	55.601	ug/ml	99

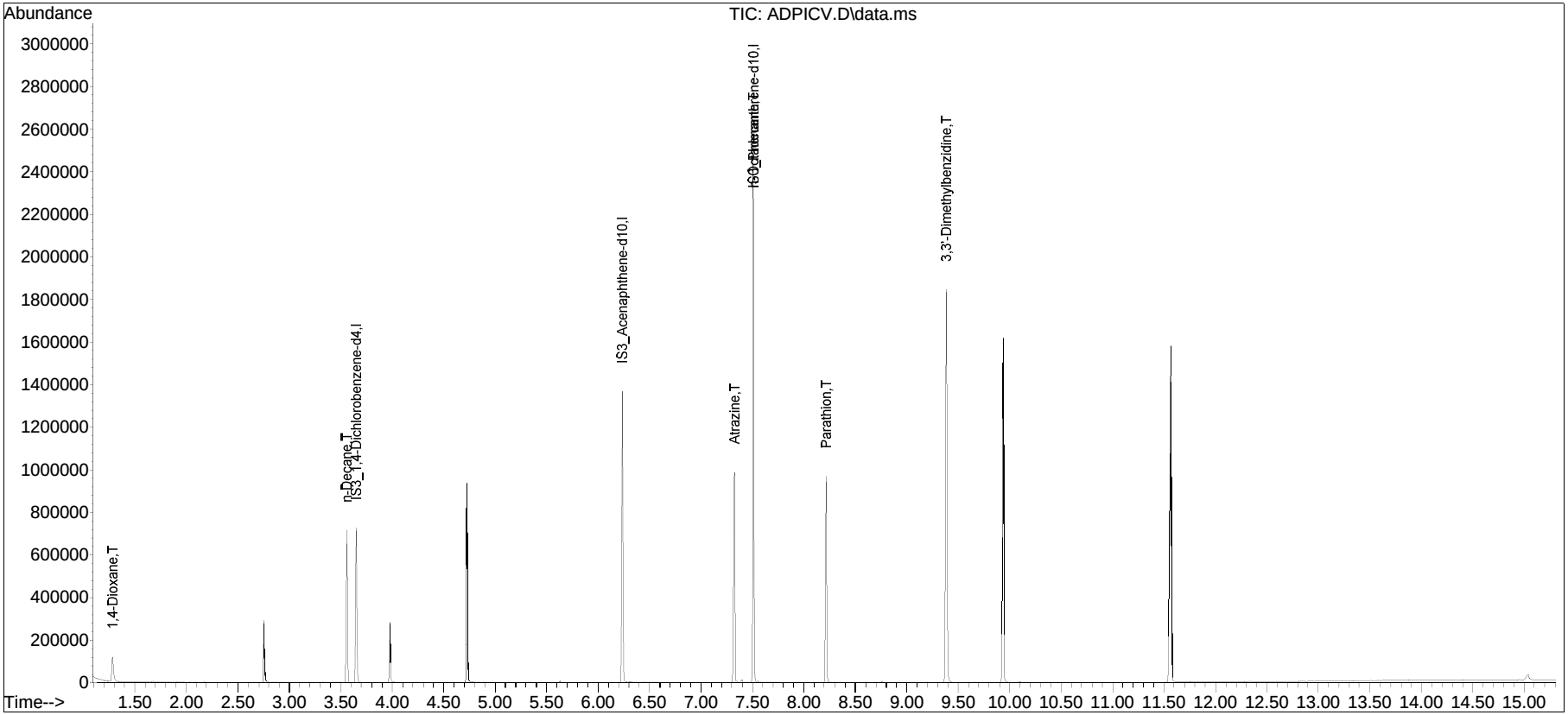
(#) = qualifier out of range (m) = manual integration (+) = signals summed

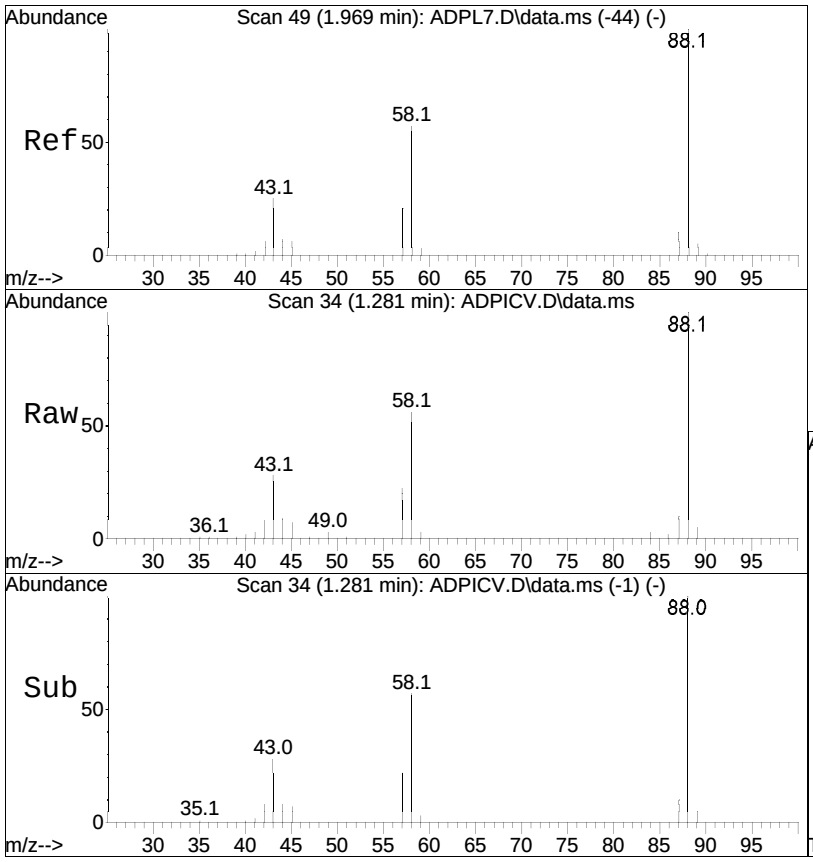
Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\251209ical\
Data File : ADPICV.D
Acq On : 10 Dec 2025 4:41 am
Operator : MORK:jg
Sample : CQICV3,32,,ADPICV Lot# 12056
Misc : WG2152654,,
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Dec 11 12:54:21 2025
Quant Method : I:\8270\Mork\251209ical\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Thu Dec 11 12:54:57 2025
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublistl\ADPL7.D•

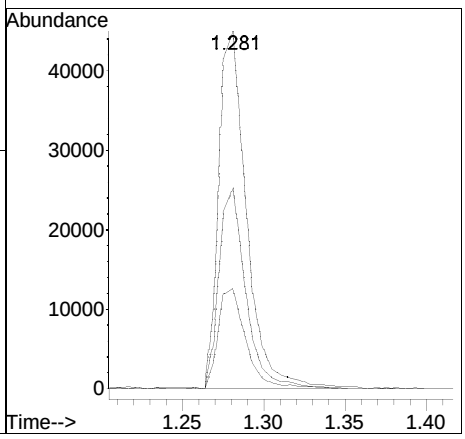


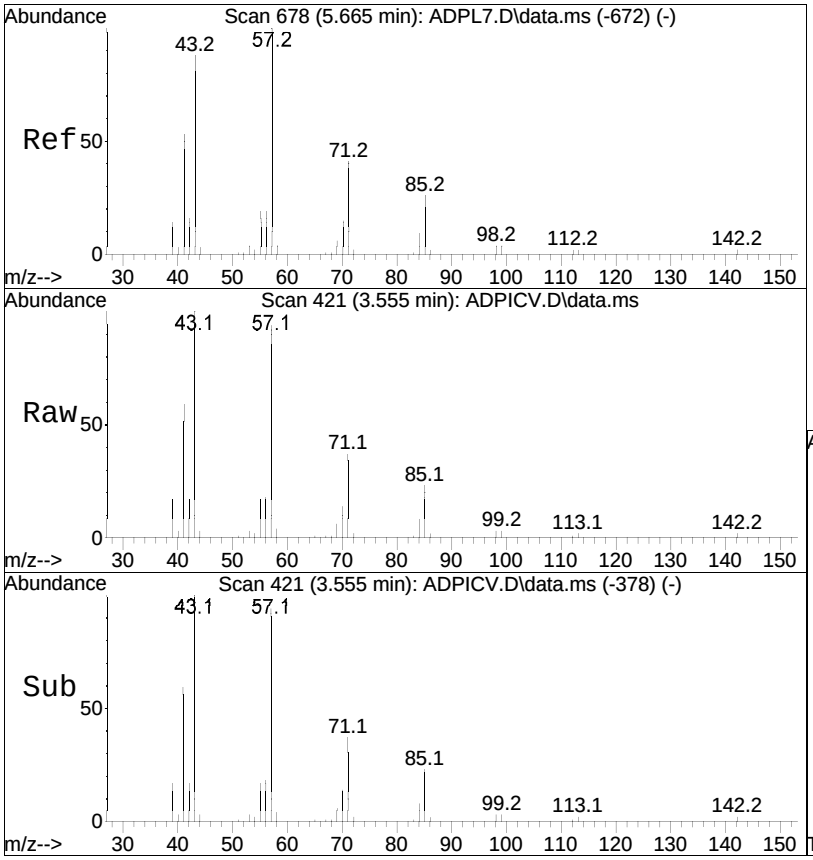


#33
1,4-Dioxane
Concen: 47.25 ug/ml
RT: 1.281 min Scan# 34
Delta R.T. 0.006 min
Lab File: ADPICV.D
Acq: 10 Dec 2025 4:41 am

Tgt Ion: 88 Resp: 53314

Ion	Ratio	Lower	Upper
88	100		
58	54.1	44.8	67.2
43	28.5	20.8	31.2

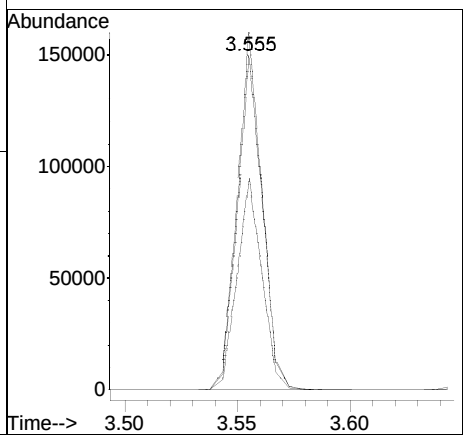


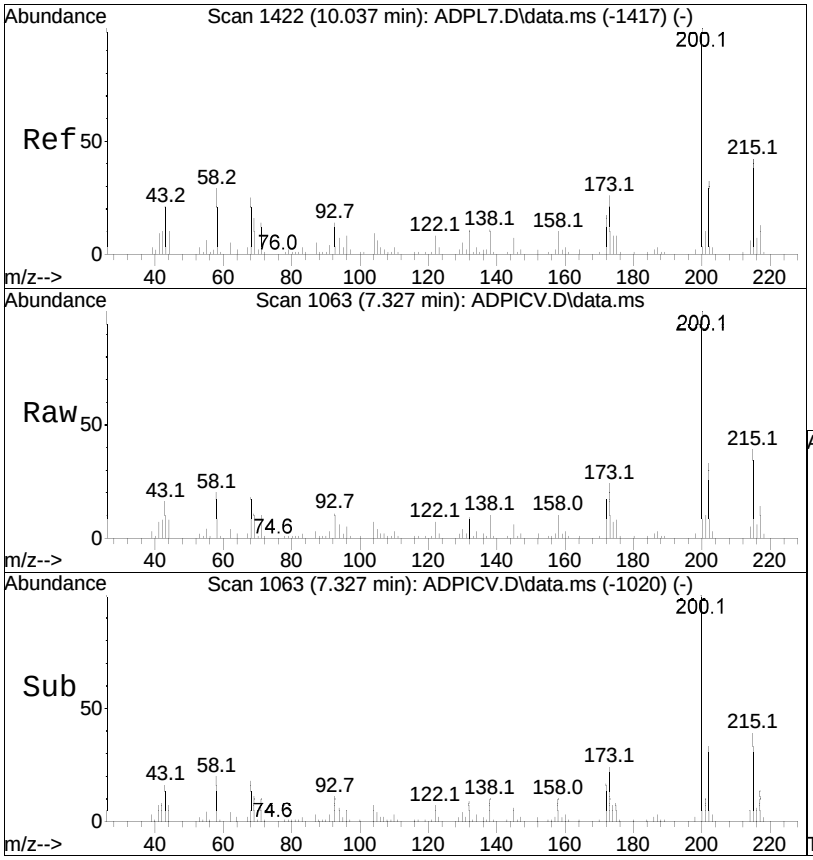


#34
n-Decane
Concen: 50.23 ug/ml
RT: 3.555 min Scan# 421
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 10 Dec 2025 4:41 am

Tgt Ion: 57 Resp: 114481

Ion	Ratio	Lower	Upper
57	100		
43	105.5	84.2	126.2
41	62.9	45.8	68.8

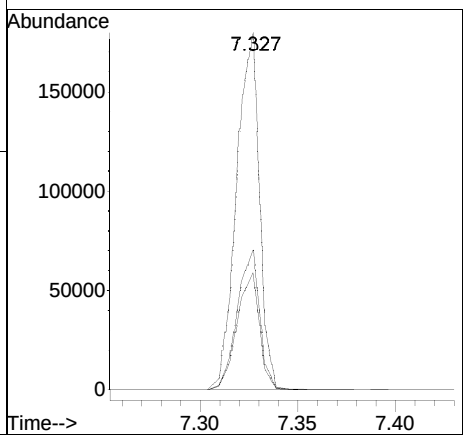


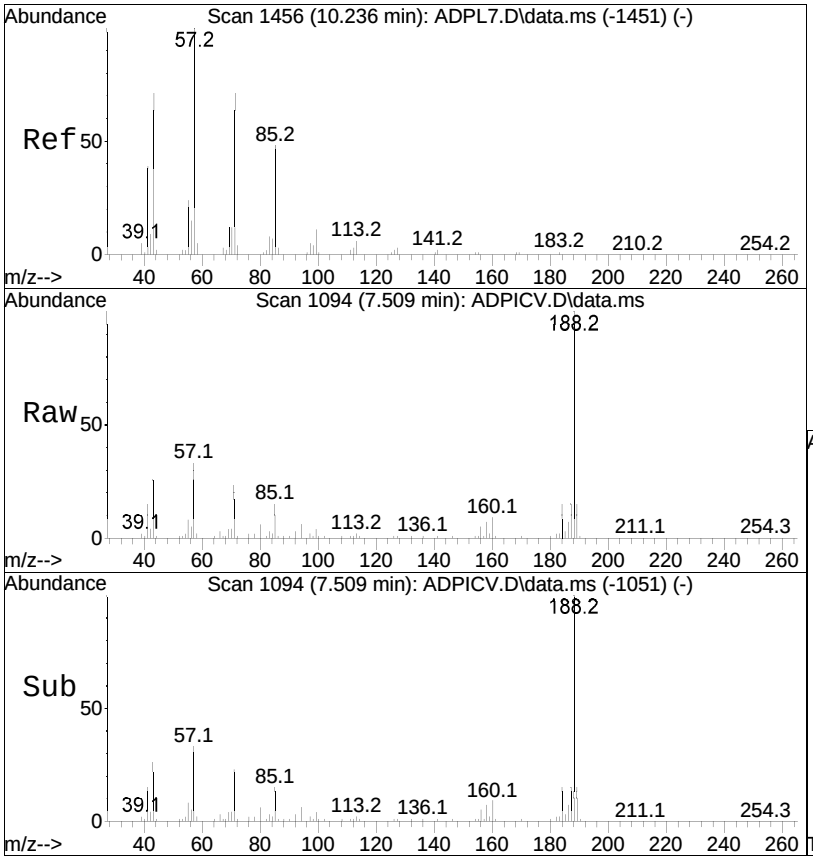


#87
Atrazine
Concen: 53.59 ug/ml
RT: 7.327 min Scan# 1063
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 10 Dec 2025 4:41 am

Tgt Ion:200 Resp: 145476

Ion	Ratio	Lower	Upper
200	100		
202	32.2	25.8	38.8
215	38.4	40.3	60.5#

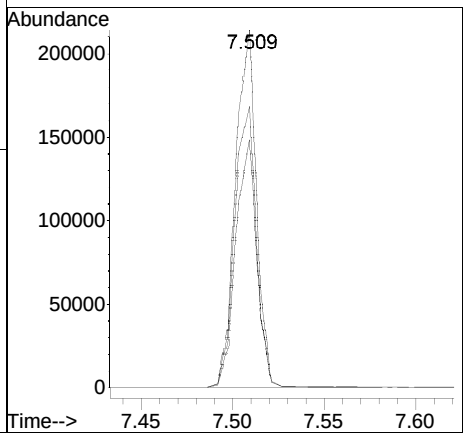


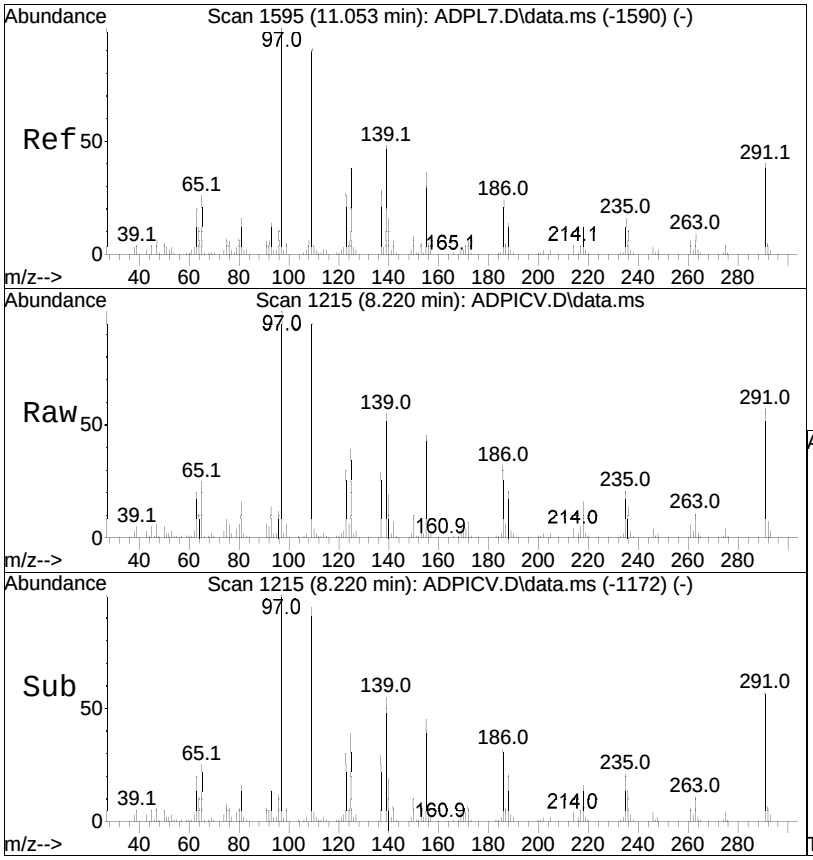


#101
n-Octadecane
Concen: 51.59 ug/ml
RT: 7.509 min Scan# 1094
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 10 Dec 2025 4:41 am

Tgt Ion: 57 Resp: 168927

Ion	Ratio	Lower	Upper
57	100		
43	81.1	65.0	97.4
71	69.2	50.5	75.7

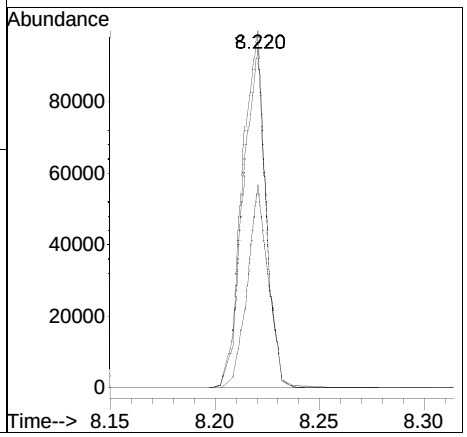


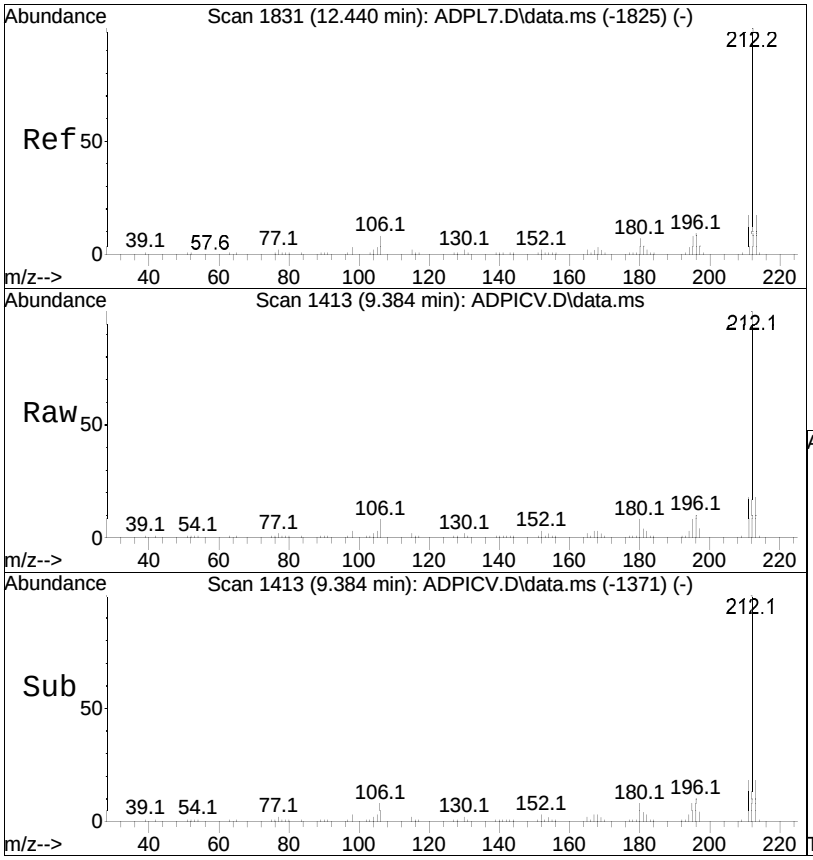


#102
Parathion
Concen: 56.12 ug/ml
RT: 8.220 min Scan# 1215
Delta R.T. 0.000 min
Lab File: ADPICV.D
Acq: 10 Dec 2025 4:41 am

Tgt Ion:109 Resp: 72208

Ion	Ratio	Lower	Upper
109	100		
97	107.0	88.6	133.0
291	54.4	36.5	54.7

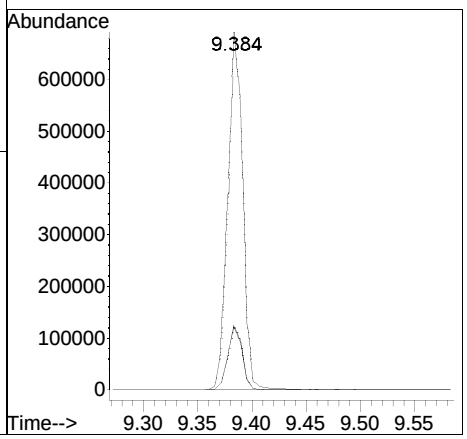




#103
3,3'-Dimethylbenzidine
Concen: 55.60 ug/ml
RT: 9.384 min Scan# 1413
Delta R.T. -0.000 min
Lab File: ADPICV.D
Acq: 10 Dec 2025 4:41 am

Tgt Ion:212 Resp: 649227

Ion	Ratio	Lower	Upper
212	100		
211	17.5	13.2	19.8
213	17.1	13.9	20.9



Manual Integration Report

Data Path	: I:\8270\Mork\251209ical\	QMethod	: FS251209Mork.m
Data File	: ADPICV.D	Operator	: MORK:jg
Date Inj'd	: 12/10/2025 4:41 am	Instrument	: Mork
Sample	: CQICV3,32,,ADPICV Lot# 120	Quant Date	: 12/11/2025 12:54 pm

There are no manual integrations or false positives in this file.

Evaluate Relative Error Report Mork

Method Path : I:\8270\Mork\251209ical\
Method File : FS251209Mork.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Thu Dec 11 12:38:17 2025

COMPOUND	CalFit	Units	TrueMid	MidConc	%RE	TrueLow	LowConc	%RE

Calibration Correlation Report

COMPOUND	CalFit	CoefOfDet	QuadTerm	LinTerm	Constant

Continuing Calibration

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		Lab Number	: L2600637	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E	
Instrument ID	: MORK		Calibration Date	: 01/09/26 09:59	
Lab File ID	: ABN0109		Init. Calib. Date(s)	: 12/09/25	12/10/25
Sample No	: WG2163439-3		Init. Calib. Times	: 17:40	04:20
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	74	0
n-Nitrosodimethylamine	0.593	0.64	-	-7.9	20	78	0
Pyridine	1.05	1.173	-	-11.7	20	82	0
2-Fluorophenol	0.961	1.004	-	-4.5	20	76	0
Aniline	1.59	1.569	-	1.3	20	71	0
2-Chlorophenol	1.15	1.207	-	-5	20	75	0
Phenol-d6	1.192	1.227	-	-2.9	20	73	0
Phenol	1.24	1.292	-	-4.2	20	74	0
Bis(2-chloroethyl)ether	0.91	0.839	-	7.8	20	69	0
1,3-Dichlorobenzene	1.442	1.407	-	2.4	20	72	0
1,4-Dichlorobenzene	1.443	1.451	-	-0.6	20	74	0
1,2-Dichlorobenzene	1.382	1.358	-	1.7	20	73	0
Benzyl alcohol	0.863	0.966	-	-11.9	20	77	0
Bis(2-chloroisopropyl)ethe	1.173	0.865	-	26.3*	20	54	0
2-Methylphenol	0.945	0.974	-	-3.1	20	72	0
Hexachloroethane	0.528	0.531	-	-0.6	20	74	0
n-Nitrosodi-n-propylamine	0.735	0.766	-	-4.2	20	75	0
3-Methylphenol/4-Methylphe	1.001	1.075	-	-7.4	20	76	0
Nitrobenzene-d5	1.065	1.217	-	-14.3	20	82	0
Nitrobenzene	1.084	1.204	-	-11.1	20	81	0
Isophorone	1.943	2.058	-	-5.9	20	76	0
2-Nitrophenol	0.613	0.678	-	-10.6	20	78	0
2,4-Dimethylphenol	1.128	1.199	-	-6.3	20	76	0
Bis(2-chloroethoxy)methane	1.215	1.19	-	2.1	20	71	0
2,4-Dichlorophenol	1.2	1.191	-	0.7	20	69	0
1,2,4-Trichlorobenzene	1.459	1.298	-	11	20	65	0
IS1_Naphthalene-d8	1	1	-	0	20	78	0
Naphthalene	0.989	0.987	-	0.2	20	80	0
Benzoic Acid	0.239	0.225	-	5.9	20	70	0
4-Chloroaniline	0.106	0.114	-	-7.5	20	81	0
Hexachlorobutadiene	0.286	0.213	-	25.5*	20	60	0
p-Chloro-m-cresol	0.283	0.293	-	-3.5	20	79	0
2-Methylnaphthalene	0.668	0.633	-	5.2	20	74	0
1-Methylnaphthalene	0.244	0.245	-	-0.4	20	79	0
Hexachlorocyclopentadiene	0.315	0.192	-	39*	20	43	0
2,4,6-Trichlorophenol	0.301	0.246	-	18.3	20	63	0
2,4,5-Trichlorophenol	0.331	0.274	-	17.2	20	63	0
2-Fluorobiphenyl	0.975	0.846	-	13.2	20	69	0
2-Chloronaphthalene	0.797	0.735	-	7.8	20	73	0
2-Nitroaniline	0.22	0.236	-	-7.3	20	80	0
1,4-Dinitrobenzene	0.102	0.101	-	1	20	71	0
1,3-Dinitrobenzene	0.118	0.112	-	5.1	20	71	0
Dimethyl phthalate	0.961	0.857	-	10.8	20	71	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		Lab Number	: L2600637	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E	
Instrument ID	: MORK		Calibration Date	: 01/09/26 09:59	
Lab File ID	: ABN0109		Init. Calib. Date(s)	: 12/09/25	12/10/25
Sample No	: WG2163439-3		Init. Calib. Times	: 17:40	04:20
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.254	1.204	-	4	20	76	0
2,6-Dinitrotoluene	0.196	0.184	-	6.1	20	73	0
1,2-Dinitrobenzene	0.073	0.068	-	6.8	20	72	0
IS1_Acenaphthene-d10	1	1	-	0	20	72	0
3-Nitroaniline	0.308	0.355	-	-15.3	20	82	0
Acenaphthene	1.109	1.07	-	3.5	20	72	0
2,4-Dinitrophenol	0.198	0.202	-	-2	20	70	0
Dibenzofuran	1.868	1.804	-	3.4	20	72	0
2,4-Dinitrotoluene	0.428	0.448	-	-4.7	20	73	0
4-Nitrophenol	0.209	0.218	-	-4.3	20	71	0
2,3,5,6-Tetrachlorophenol	0.456	0.393	-	13.8	20	60	0
2,3,4,6-Tetrachlorophenol	0.452	0.407	-	10	20	63	0
Diethyl phthalate	1.483	1.514	-	-2.1	20	75	0
Fluorene	1.469	1.487	-	-1.2	20	72	0
4-Chlorophenyl phenyl ethe	0.771	0.675	-	12.5	20	64	0
4-Nitroaniline	0.298	0.351	-	-17.8	20	83	0
4,6-Dinitro-o-cresol	0.258	0.277	-	-7.4	20	69	0
NDPA/DPA	1.267	1.248	-	1.5	20	73	0
Azobenzene	1.1	1.206	-	-9.6	20	80	0
2,4,6-Tribromophenol	0.321	0.306	-	4.7	20	69	0
4-Bromophenyl phenyl ether	0.54	0.498	-	7.8	20	66	0
Hexachlorobenzene	0.664	0.662	-	0.3	20	73	0
Pentachlorophenol	0.364	0.331	-	9.1	20	60	0
IS1_Phenanthrene-d10	1	1	-	0	20	72	0
Phenanthrene	1.081	1.047	-	3.1	20	72	0
Anthracene	1.088	1.09	-	-0.2	20	74	0
Carbazole	1.001	1.014	-	-1.3	20	75	0
Di-n-butylphthalate	1.147	1.207	-	-5.2	20	75	0
Fluoranthene	1.353	1.282	-	5.2	20	68	0
Benzidine	0.92	0.9	-	2.2	20	68	0
Pyrene	1.414	1.363	-	3.6	20	70	0
4-Terphenyl-d14	1.096	1.059	-	3.4	20	69	0
Butyl benzyl phthalate	0.548	0.607	-	-10.8	20	76	0
IS1_Chrysene-d12	1	1	-	0	20	70	0
Benzo(a)anthracene	1.311	1.198	-	8.6	20	66	0
3,3'-Dichlorobenzidine	0.548	0.547	-	0.2	20	69	0
Chrysene	1.189	1.149	-	3.4	20	70	0
Bis(2-ethylhexyl)phthalate	0.675	0.771	-	-14.2	20	79	0
Di-n-octylphthalate	1.2	1.354	-	-12.8	20	77	0
Benzo(b)fluoranthene	1.426	1.38	-	3.2	20	70	0
Benzo(k)fluoranthene	1.294	1.335	-	-3.2	20	72	0
Benzo(a)pyrene	1.33	1.323	-	0.5	20	71	0
IS1_Perylene-d12	1	1	-	0	20	75	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		**Lab Number**	: L2600637	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E	
Instrument ID	: MORK		**Calibration Date**	: 01/09/26 09:59	
Lab File ID	: ABN0109		**Init. Calib. Date(s)**	: 12/09/25	12/10/25
Sample No	: WG2163439-3		**Init. Calib. Times**	: 17:40	04:20
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Indeno(1,2,3-cd)pyrene	1.22	1.19	-	2.5	20	74	0
Dibenzo(a,h)anthracene	1.166	1.169	-	-0.3	20	74	0
Benzo(ghi)perylene	1.164	1.166	-	-0.2	20	76	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		**Lab Number**	: L2600637	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E	
Instrument ID	: MORK		**Calibration Date**	: 01/09/26 10:19	
Lab File ID	: AP90109		**Init. Calib. Date(s)**	: 12/09/25	12/10/25
Sample No	: WG2163439-4		**Init. Calib. Times**	: 17:40	04:20
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	80	0
Benzaldehyde	0.84	0.954	-	-13.6	20	88	0
Acetophenone	1.419	1.66	-	-17	20	92	0
m-Toluidine	1.384	1.663	-	-20.2*	20	93	0
2-Chloroaniline	1.343	1.575	-	-17.3	20	92	0
IS2_Naphthalene-d8	1	1	-	0	20	91	0
a-Terpineol	0.206	0.199	-	3.4	20	83	0
3-Chloroaniline	0.117	0.136	-	-16.2	20	100	0
2,6-Dichlorophenol	0.336	0.33	-	1.8	20	85	0
1-chloro-2-nitrobenzene	0.128	0.149	-	-16.4	20	101	0
Caprolactam	0.109	0.103	-	5.5	20	82	0
1,2,4,5-Tetrachlorobenzene	0.476	0.399	-	16.2	20	73	0
Biphenyl	0.919	0.882	-	4	20	86	0
IS2_Acenaphthene-d10	1	1	-	0	20	84	0
Dichloran	0.215	0.235	-	-9.3	20	83	0
Pentachloronitrobenzene	0.239	0.23	-	3.8	20	77	0
IS2_Phenanthrene-d10	1	1	-	0	20	80	0
Diphenamid	0.495	0.526	-	-6.3	20	85	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		**Lab Number**	: L2600637	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E	
Instrument ID	: MORK		**Calibration Date**	: 01/09/26 10:39	
Lab File ID	: ADP0109		**Init. Calib. Date(s)**	: 12/09/25	12/10/25
Sample No	: WG2163439-5		**Init. Calib. Times**	: 17:40	04:20
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	72	0
1,4-Dioxane	0.399	0.431	-	-8	20	84	0
n-Decane	0.806	0.709	-	12	20	65	0
IS3_Acenaphthene-d10	1	1	-	0	20	76	0
Atrazine	0.457	0.44	-	3.7	20	74	0
IS3_Phenanthrene-d10	1	1	-	0	20	76	0
n-Octadecane	0.247	0.245	-	0.8	20	79	0
Parathion	0.097	0.138	-	-42.3*	20	100	0
3,3'-Dimethylbenzidine	0.882	0.861	-	2.4	20	71	0

* Value outside of QC limits.

Evaluate Continuing Calibration Report

Data Path : I:\8270\Mork\260109\
Data File : ABN0109.D
Acq On : 9 Jan 2026 9:59 am
Operator : Mork:jg
Sample : WG2163439-3,32,,ABN 12168 gmr1227C
Misc : WG2163439,,ical22888
ALS Vial : 96 Sample Multiplier: 1

Quant Time: Jan 09 10:45:37 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 10:46:05 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	IS1_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	74	0.00
2	t	n-Nitrosodimethylamine	0.593	0.640	-7.9	78	0.00
3	t	Pyridine	1.050	1.173	-11.7	82	0.00
4	S	2-Fluorophenol	0.961	1.004	-4.5	76	0.00
5	T	Aniline	1.590	1.569	1.3	71	0.00
6	t	2-Chlorophenol	1.150	1.207	-5.0	75	0.00
7	S	Phenol-d6	1.192	1.227	-2.9	73	0.00
8	T	Phenol	1.240	1.292	-4.2	74	0.00
9	T	Bis(2-chloroethyl)ether	0.910	0.839	7.8	69	0.00
10	T	1,3-Dichlorobenzene	1.442	1.407	2.4	72	0.00
11	T	1,4-Dichlorobenzene	1.443	1.451	-0.6	74	0.00
12	T	1,2-Dichlorobenzene	1.382	1.358	1.7	73	0.00
13	t	Benzyl alcohol	0.863	0.966	-11.9	77	0.00
14	T	Bis(2-chloroisopropyl)ether	1.173	0.865	26.3#	54	0.00
15	T	2-Methylphenol	0.945	0.974	-3.1	72	0.00
16	T	Hexachloroethane	0.528	0.531	-0.6	74	0.00
17	T	n-Nitrosodi-n-propylamine	0.735	0.766	-4.2	75	0.00
18	T	3-Methylphenol/4-Methylphen	1.001	1.075	-7.4	76	0.00
19	S	Nitrobenzene-d5	1.065	1.217	-14.3	82	0.00
20	T	Nitrobenzene	1.084	1.204	-11.1	81	0.00
21	T	Isophorone	1.943	2.058	-5.9	76	0.00
22	T	2-Nitrophenol	0.613	0.678	-10.6	78	0.00
23	T	2,4-Dimethylphenol	1.128	1.199	-6.3	76	0.00
24	T	Bis(2-chloroethoxy)methane	1.215	1.190	2.1	71	0.00
25	T	2,4-Dichlorophenol	1.200	1.191	0.7	69	0.00
26	T	1,2,4-Trichlorobenzene	1.459	1.298	11.0	65	0.00
35	I	IS1_Naphthalene-d8	1.000	1.000	0.0	78	0.00
36	T	Naphthalene	0.989	0.987	0.2	80	0.00
37	T	Benzoic Acid	0.239	0.225	5.9	70	0.00
38	T	4-Chloroaniline	0.106	0.114	-7.5	81	0.00
39	T	Hexachlorobutadiene	0.286	0.213	25.5#	60	0.00
40	T	p-Chloro-m-cresol	0.283	0.293	-3.5	79	0.00
41	T	2-Methylnaphthalene	0.668	0.633	5.2	74	0.00
42	T	1-Methylnaphthalene	0.244	0.245	-0.4	79	0.00
43	T	Hexachlorocyclopentadiene	0.315	0.192	39.0#	43#	0.00
44	T	2,4,6-Trichlorophenol	0.301	0.246	18.3	63	0.00
45	T	2,4,5-Trichlorophenol	0.331	0.274	17.2	63	0.00
46	S	2-Fluorobiphenyl	0.975	0.846	13.2	69	0.00

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Sample : WG2163439-3,32,,ABN 12168 gmr1227C
Misc : WG2163439,,ical22888
ALS Vial : 96 Sample Multiplier: 1

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QLast Update : Fri Jan 09 10:46:05 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
47	T	2-Chloronaphthalene	0.797	0.735	7.8	73	0.00
48	T	2-Nitroaniline	0.220	0.236	-7.3	80	0.00
49	T	1,4-Dinitrobenzene	0.102	0.101	1.0	71	0.00
50	T	1,3-Dinitrobenzene	0.118	0.112	5.1	71	0.00
51	T	Dimethyl phthalate	0.961	0.857	10.8	71	0.00
52	T	Acenaphthylene	1.254	1.204	4.0	76	0.00
53	T	2,6-Dinitrotoluene	0.196	0.184	6.1	73	0.00
54	T	1,2-Dinitrobenzene	0.073	0.068	6.8	72	0.00
63	I	IS1_Acenaphthene-d10	1.000	1.000	0.0	72	0.00
64	T	3-Nitroaniline	0.308	0.355	-15.3	82	0.00
65	T	Acenaphthene	1.109	1.070	3.5	72	0.00
66	T	2,4-Dinitrophenol	0.198	0.202	-2.0	70	0.00
67	T	Dibenzofuran	1.868	1.804	3.4	72	0.00
68	T	2,4-Dinitrotoluene	0.428	0.448	-4.7	73	0.00
69	T	4-Nitrophenol	0.209	0.218	-4.3	71	0.00
70	T	2,3,5,6-Tetrachlorophenol	0.456	0.393	13.8	60	0.00
71	T	2,3,4,6-Tetrachlorophenol	0.452	0.407	10.0	63	0.00
72	T	Diethyl phthalate	1.483	1.514	-2.1	75	0.00
73	T	Fluorene	1.469	1.487	-1.2	72	0.00
74	T	4-Chlorophenyl phenyl ether	0.771	0.675	12.5	64	0.00
75	T	4-Nitroaniline	0.298	0.351	-17.8	83	0.00
76	T	4,6-Dinitro-o-cresol	0.258	0.277	-7.4	69	0.00
77	T	NDPA/DPA	1.267	1.248	1.5	73	0.00
78	T	Azobenzene	1.100	1.206	-9.6	80	0.00
79	S	2,4,6-Tribromophenol	0.321	0.306	4.7	69	0.00
80	T	4-Bromophenyl phenyl ether	0.540	0.498	7.8	66	0.00
81	T	Hexachlorobenzene	0.664	0.662	0.3	73	0.00
82	T	Pentachlorophenol	0.364	0.331	9.1	60	0.00
88	I	IS1_Phenanthrene-d10	1.000	1.000	0.0	72	0.00
89	T	Phenanthrene	1.081	1.047	3.1	72	0.00
90	T	Anthracene	1.088	1.090	-0.2	74	0.00
91	T	Carbazole	1.001	1.014	-1.3	75	0.00
92	T	Di-n-butylphthalate	1.147	1.207	-5.2	75	0.00
93	T	Fluoranthene	1.353	1.282	5.2	68	0.00
94	T	Benzidine	0.920	0.900	2.2	68	0.00
95	T	Pyrene	1.414	1.363	3.6	70	0.00
96	S	4-Terphenyl-d14	1.096	1.059	3.4	69	0.00

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Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
97	T	Butyl benzyl phthalate	0.548	0.607	-10.8	76	0.00
104	I	IS1_Chrysene-d12	1.000	1.000	0.0	70	0.00
105	T	Benzo(a)anthracene	1.311	1.198	8.6	66	0.00
106	T	3,3'-Dichlorobenzidine	0.548	0.547	0.2	69	0.00
107	T	Chrysene	1.189	1.149	3.4	70	0.00
108	T	Bis(2-ethylhexyl)phthalate	0.675	0.771	-14.2	79	0.00
109	T	Di-n-octylphthalate	1.200	1.354	-12.8	77	0.00
110	T	Benzo(b)fluoranthene	1.426	1.380	3.2	70	0.00
111	T	Benzo(k)fluoranthene	1.294	1.335	-3.2	72	0.00
112	T	Benzo(a)pyrene	1.330	1.323	0.5	71	0.00
113	I	IS1_Perylene-d12	1.000	1.000	0.0	75	0.00
114	T	Indeno(1,2,3-cd)pyrene	1.220	1.190	2.5	74	0.00
115	T	Dibenzo(a,h)anthracene	1.166	1.169	-0.3	74	0.00
116	T	Benzo(ghi)perylene	1.164	1.166	-0.2	76	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

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Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.143	152	86645	40.000	ug/ml		0.00
35) IS1_Naphthalene-d8	4.230	136	319179	40.000	ug/ml	#	0.00
63) IS1_Acenaphthene-d10	5.729	164	187686	40.000	ug/ml		0.00
88) IS1_Phenanthrene-d10	6.986	188	419338	40.000	ug/ml		0.00
104) IS1_Chrysene-d12	9.289	240	495949	40.000	ug/ml		0.00
113) IS1_Perylene-d12	10.782	264	628021	40.000	ug/ml		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	2.051	112	108747	52.234	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 104.47%				
7) Phenol-d6	2.908	99	132862	51.472	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 102.94%				
19) Nitrobenzene-d5	3.631	82	131838	57.162	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 228.65%#				
46) 2-Fluorobiphenyl	5.188	172	337728	43.416	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 173.66%#				
79) 2,4,6-Tribromophenol	6.410	330	71876	47.794	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 95.59%				
96) 4-Terphenyl-d14	8.384	244	554837	48.276	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 193.10%#				
Target Compounds							Qvalue
2) n-Nitrosodimethylamine	1.022	74	69356	54.008	ug/ml		86
3) Pyridine	1.040	79	127005	55.845	ug/ml#		77
5) Aniline	2.873	93	169959	49.362	ug/ml#		62
6) 2-Chlorophenol	2.973	128	130747	52.488	ug/ml		95
8) Phenol	2.920	94	139965	52.099	ug/ml#		70
9) Bis(2-chloroethyl)ether	2.955	93	90878	46.088	ug/ml#		63
10) 1,3-Dichlorobenzene	3.091	146	152426	48.796	ug/ml		99
11) 1,4-Dichlorobenzene	3.161	146	157152	50.262	ug/ml		99
12) 1,2-Dichlorobenzene	3.284	146	147030	49.122	ug/ml		99
13) Benzyl alcohol	3.302	79	104646	55.987	ug/ml		93
14) Bis(2-chloroisopropyl)...	3.425	45	93722	36.881	ug/ml#		55
15) 2-Methylphenol	3.437	108	105529	51.572	ug/ml		96
16) Hexachloroethane	3.561	117	57533	50.330	ug/ml#		82
17) n-Nitrosodi-n-propylamine	3.537	70	82990	52.131	ug/ml#		90
18) 3-Methylphenol/4-Methy...	3.578	108	116481	53.726	ug/ml		97
20) Nitrobenzene	3.649	77	130417	55.520	ug/ml		94
21) Isophorone	3.866	82	222887	52.970	ug/ml#		95
22) 2-Nitrophenol	3.925	139	73423	55.257	ug/ml#		91

Quantitation Report (QT Reviewed)

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Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) 2,4-Dimethylphenol	4.025	107	129833	53.126	ug/ml	97
24) Bis(2-chloroethoxy)met...	4.089	93	128880	48.983	ug/ml#	94
25) 2,4-Dichlorophenol	4.148	162	129020	49.638	ug/ml	98
26) 1,2,4-Trichlorobenzene	4.201	180	140570	44.464	ug/ml	99
36) Naphthalene	4.248	128	393693	49.889	ug/ml	99
37) Benzoic Acid	4.178	105	89675M3	46.971	ug/ml	
38) 4-Chloroaniline	4.330	65	45340	53.679	ug/ml	98
39) Hexachlorobutadiene	4.383	225	85105	37.292	ug/ml	100
40) p-Chloro-m-cresol	4.800	107	116918	51.725	ug/ml	92
41) 2-Methylnaphthalene	4.847	142	252395	47.345	ug/ml	92
42) 1-Methylnaphthalene	4.930	115	97803	50.218	ug/ml	86
43) Hexachlorocyclopentadiene	5.000	237	76514	30.438	ug/ml	99
44) 2,4,6-Trichlorophenol	5.124	196	98337M3	40.993	ug/ml	
45) 2,4,5-Trichlorophenol	5.153	196	109283	41.431	ug/ml	99
47) 2-Chloronaphthalene	5.259	162	293167	46.098	ug/ml	98
48) 2-Nitroaniline	5.376	138	94239	53.798	ug/ml	97
49) 1,4-Dinitrobenzene	5.517	168	40202	49.543	ug/ml	84
50) 1,3-Dinitrobenzene	5.582	168	44828	47.768	ug/ml	79
51) Dimethyl phthalate	5.564	163	342000	44.589	ug/ml#	98
52) Acenaphthylene	5.605	152	480425	48.026	ug/ml	99
53) 2,6-Dinitrotoluene	5.605	165	73569	46.962	ug/ml#	49
54) 1,2-Dinitrobenzene	5.641	168	27229M3	46.872	ug/ml	
64) 3-Nitroaniline	5.735	138	83347	57.600	ug/ml#	95
65) Acenaphthene	5.758	154	251124	48.247	ug/ml	88
66) 2,4-Dinitrophenol	5.846	184	47393	50.929	ug/ml	95
67) Dibenzofuran	5.911	168	423297	48.300	ug/ml	96
68) 2,4-Dinitrotoluene	5.952	165	105022	52.321	ug/ml	96
69) 4-Nitrophenol	5.952	65	51168	52.291	ug/ml#	87
70) 2,3,5,6-Tetrachlorophenol	6.005	232	92219	43.100	ug/ml	98
71) 2,3,4,6-Tetrachlorophenol	6.040	232	95511	45.062	ug/ml	98
72) Diethyl phthalate	6.175	149	355202	51.058	ug/ml	97
73) Fluorene	6.199	166	348918	50.630	ug/ml	91
74) 4-Chlorophenyl phenyl ...	6.228	204	158422	43.765	ug/ml	95
75) 4-Nitroaniline	6.258	138	82337	58.942	ug/ml#	84
76) 4,6-Dinitro-o-cresol	6.305	198	65077	53.697	ug/ml	95
77) NDPA/DPA	6.334	169	292710	49.236	ug/ml	94
78) Azobenzene	6.357	77	283030M6	54.854	ug/ml	
80) 4-Bromophenyl phenyl e...	6.634	248	116748	46.115	ug/ml	98
81) Hexachlorobenzene	6.675	284	155251	49.836	ug/ml	95
82) Pentachlorophenol	6.863	266	77704	45.453	ug/ml	97
89) Phenanthrene	7.004	178	548741	48.402	ug/ml	99

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Sub List : ABNical - ABN ical sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Anthracene	7.051	178	571570	50.129	ug/ml	99
91) Carbazole	7.215	167	531396	50.636	ug/ml	97
92) Di-n-butylphthalate	7.580	149	632616	52.631	ug/ml	99
93) Fluoranthene	8.020	202	671899	47.357	ug/ml#	93
94) Benzidine	8.173	184	471928	48.924	ug/ml#	95
95) Pyrene	8.202	202	714438	48.189	ug/ml	99
97) Butyl benzyl phthalate	8.849	149	318182	55.377	ug/ml#	95
105) Benzo(a)anthracene	9.283	228	742909M3	45.695	ug/ml	
106) 3,3'-Dichlorobenzidine	9.301	252	338931	49.924	ug/ml#	97
107) Chrysene	9.313	228	712519	48.341	ug/ml	98
108) Bis(2-ethylhexyl)phtha...	9.448	149	477959	57.069	ug/ml#	86
109) Di-n-octylphthalate	10.141	149	839421	56.440	ug/ml#	93
110) Benzo(b)fluoranthene	10.388	252	855270M3	48.380	ug/ml	
111) Benzo(k)fluoranthene	10.417	252	827324	51.570	ug/ml#	96
112) Benzo(a)pyrene	10.717	252	820231	49.750	ug/ml#	95
114) Indeno(1,2,3-cd)pyrene	11.892	276	934376M3	48.777	ug/mL	
115) Dibenzo(a,h)anthracene	11.927	278	917560	50.105	ug/ml#	94
116) Benzo(ghi)perylene	12.145	276	915072	50.066	ug/ml#	90

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

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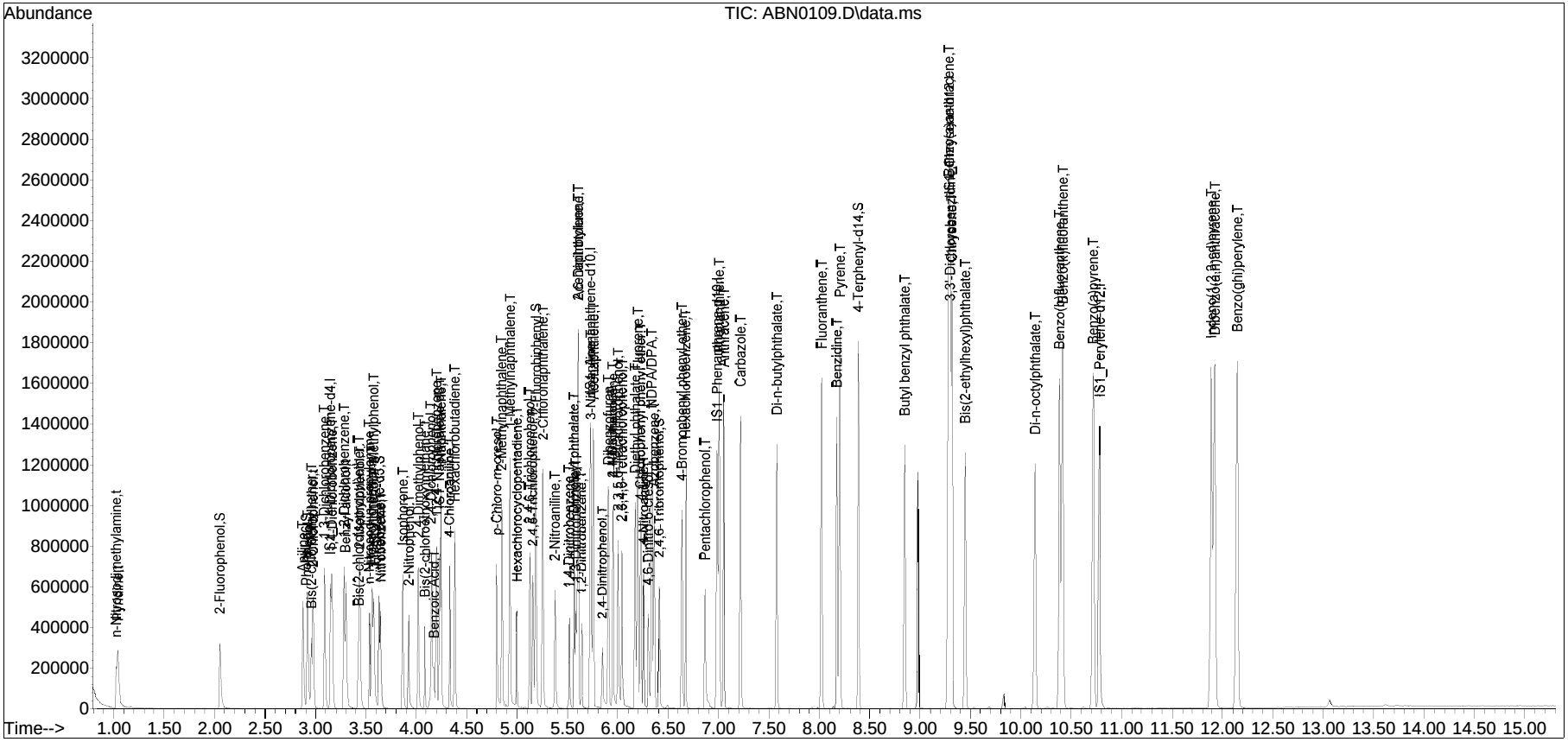
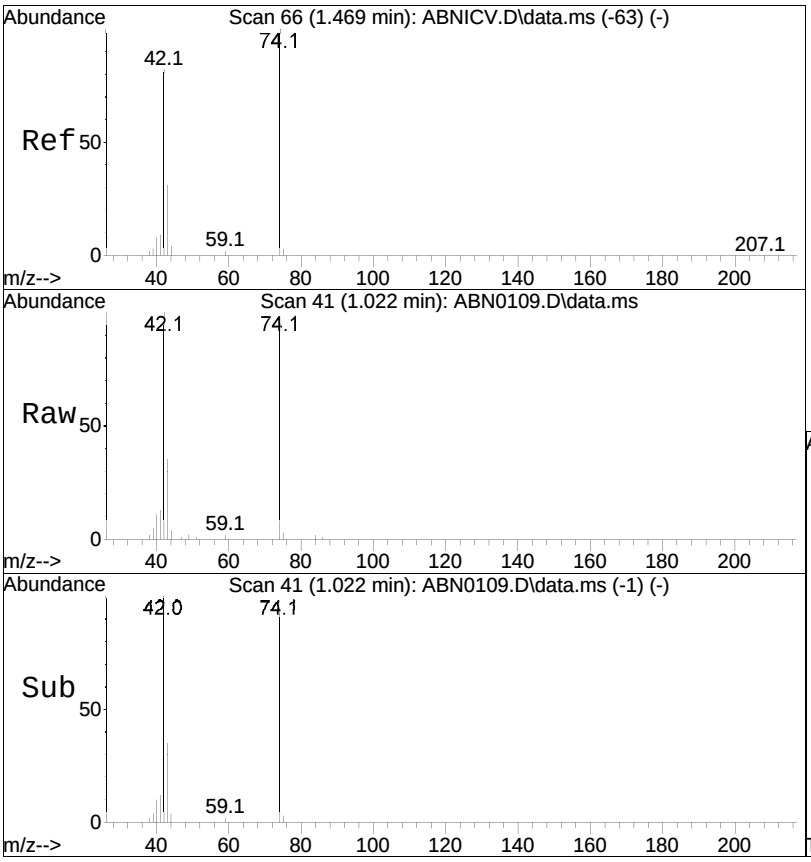
Response via : Initial Calibration

Sub List : ABNical - ABN ical sublist

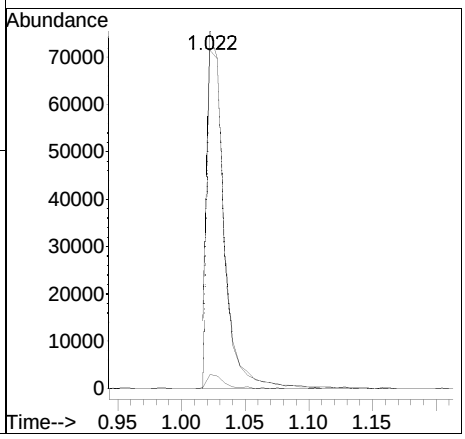


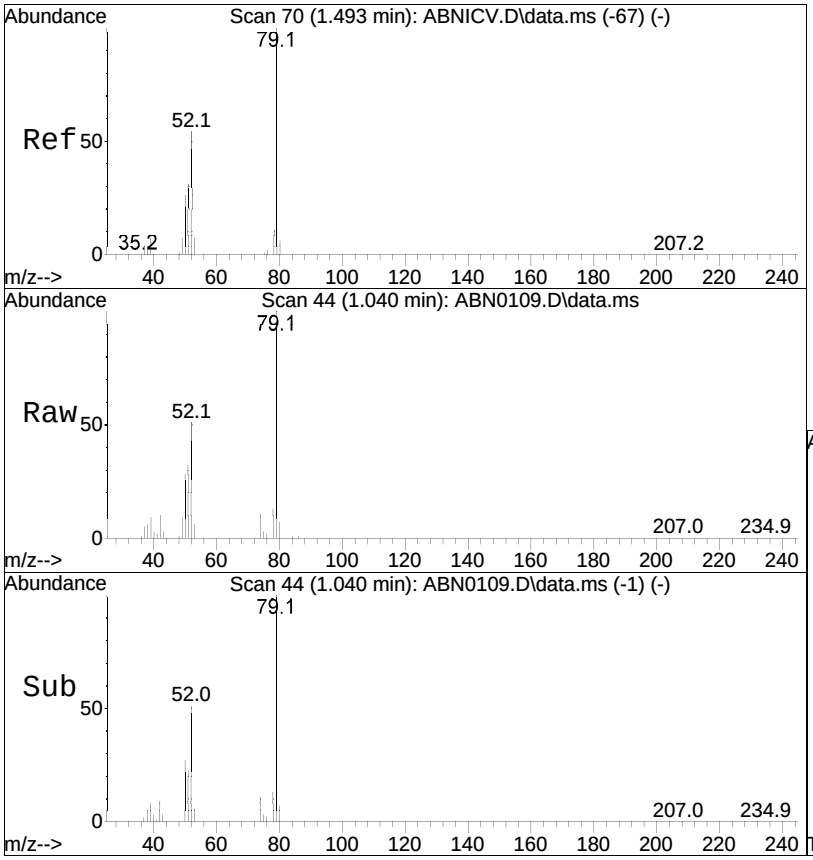


#2
n-Nitrosodimethylamine
Concen: 54.01 ug/ml
RT: 1.022 min Scan# 41
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion: 74 Resp: 69356

Ion	Ratio	Lower	Upper
74	100		
42	100.1	69.4	104.2
44	4.2	3.5	5.3

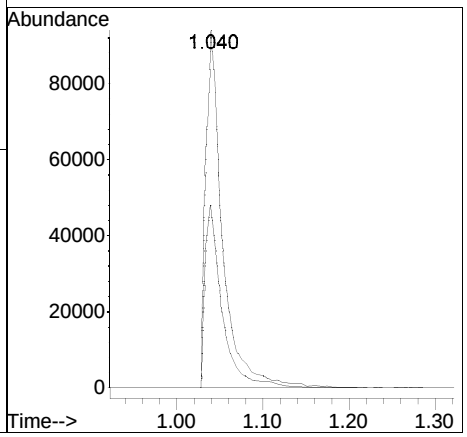


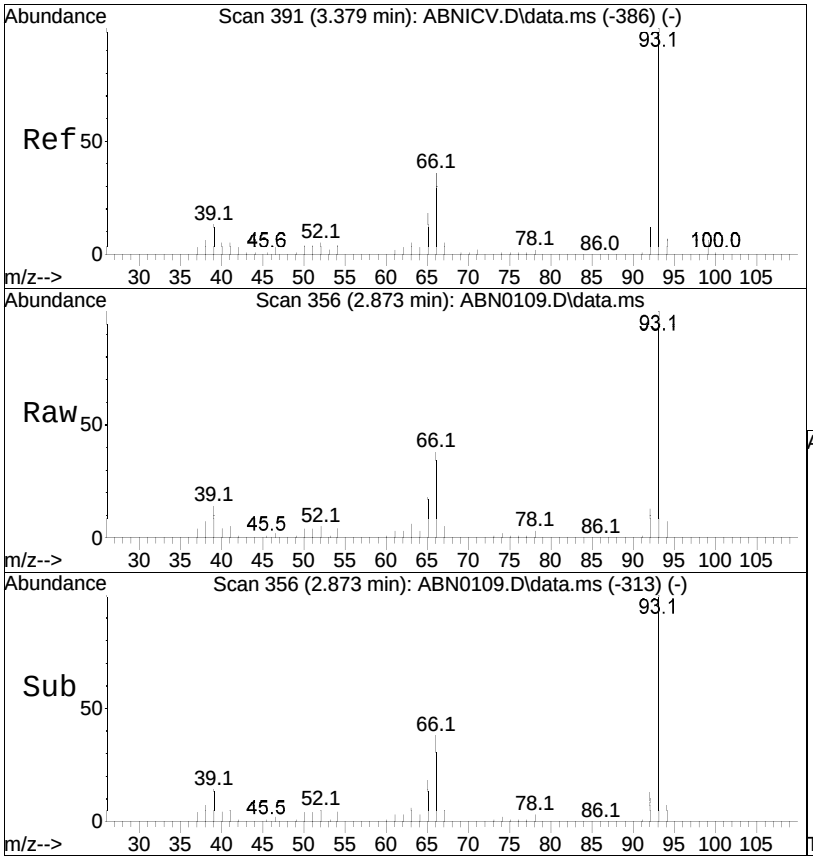


#3
Pyridine
Concen: 55.84 ug/ml
RT: 1.040 min Scan# 44
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion: 79 Resp: 127005

Ion	Ratio	Lower	Upper
79	100		
52	52.1	56.6	85.0#

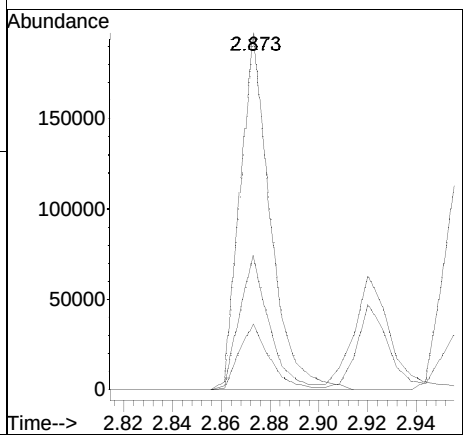


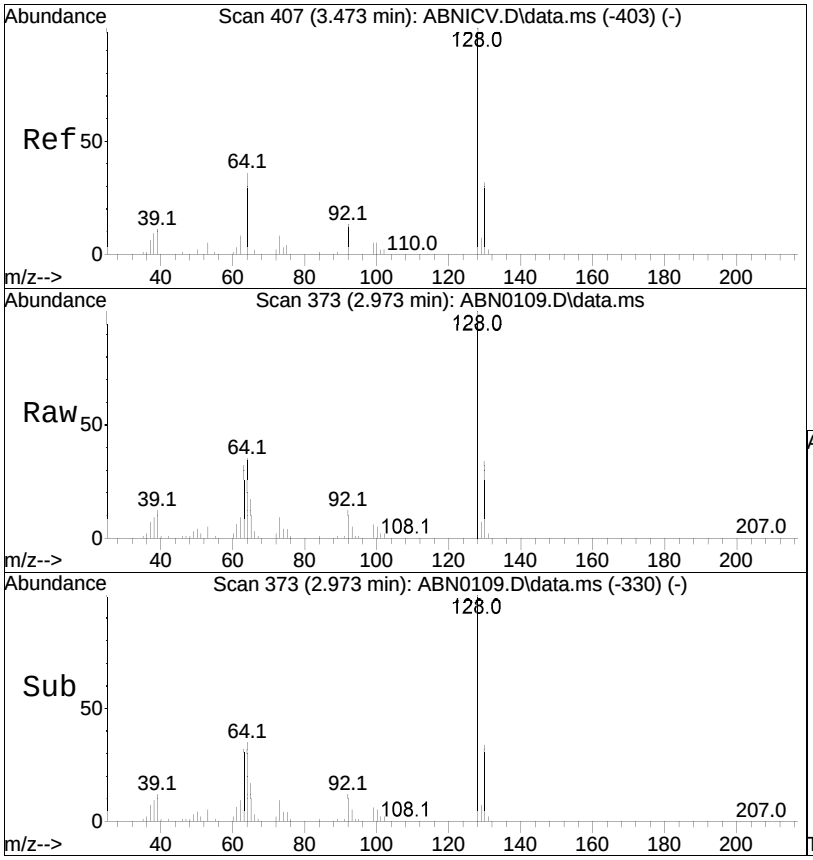


#5
Aniline
Concen: 49.36 ug/ml
RT: 2.873 min Scan# 356
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion: 93 Resp: 169959

Ion	Ratio	Lower	Upper
93	100		
66	36.8	53.5	80.3#
65	18.8	34.4	51.6#

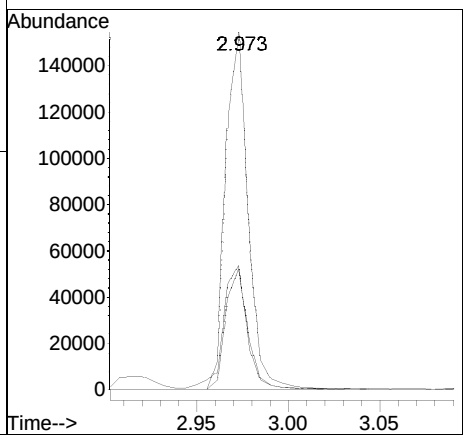


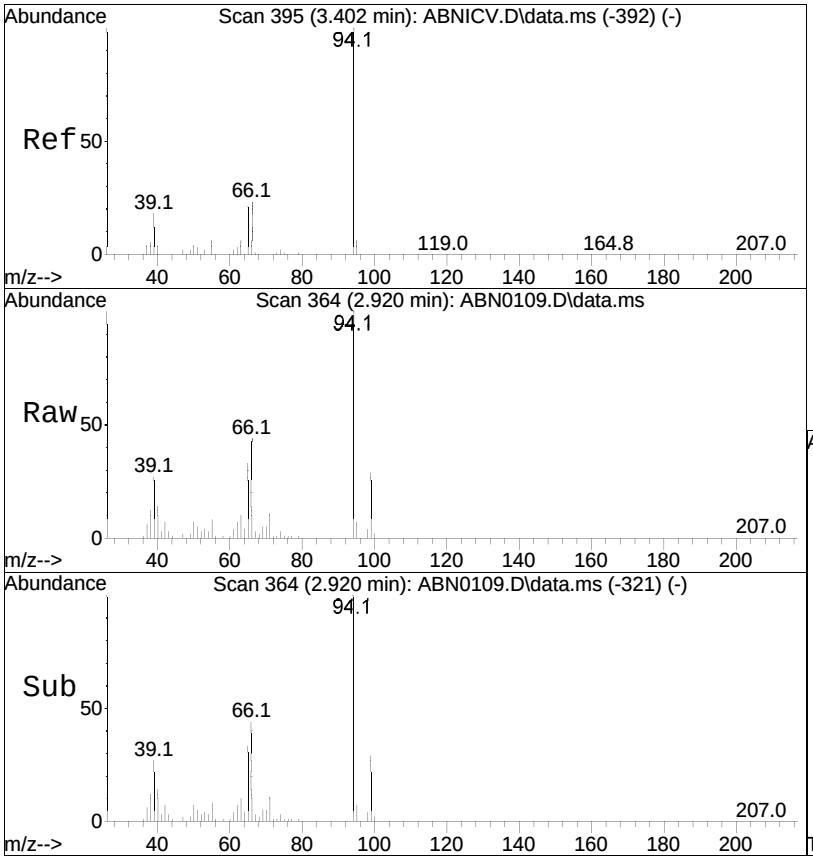


#6
2-Chlorophenol
Concen: 52.49 ug/ml
RT: 2.973 min Scan# 373
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:128 Resp: 130747

Ion	Ratio	Lower	Upper
128	100		
64	37.2	33.5	50.3
130	33.7	25.9	38.9

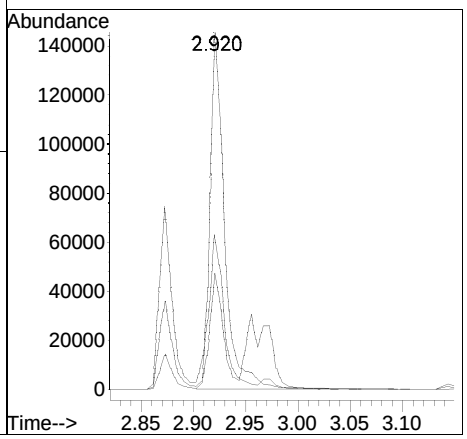


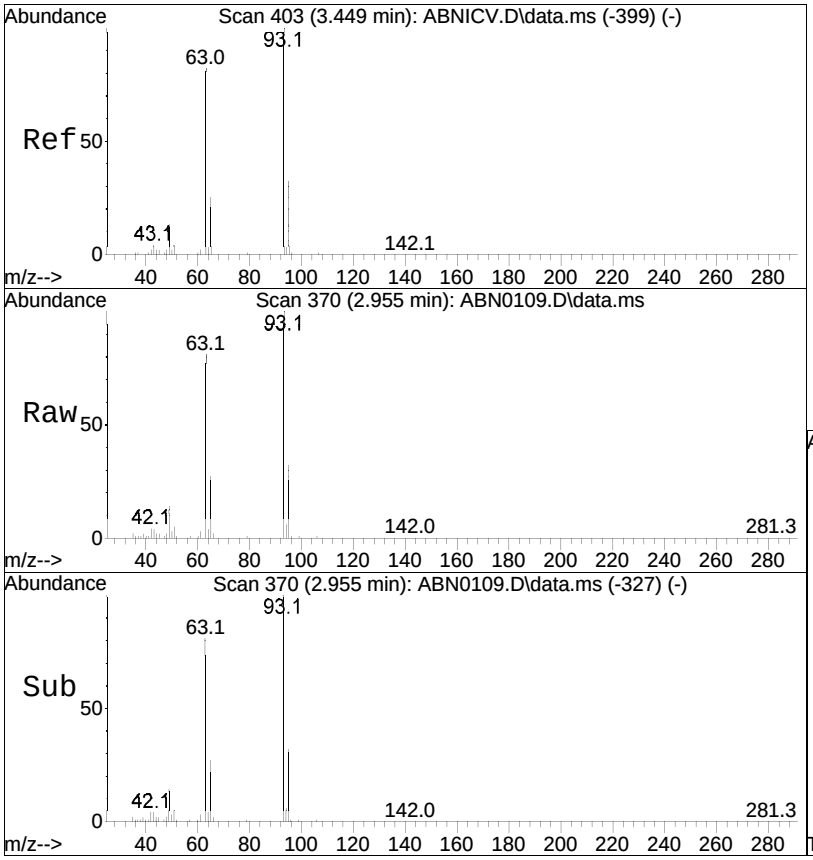


#8
Phenol
Concen: 52.10 ug/ml
RT: 2.920 min Scan# 364
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion: 94 Resp: 139965

Ion	Ratio	Lower	Upper
94	100		
65	30.9	38.8	58.2#
66	48.1	60.3	90.5#

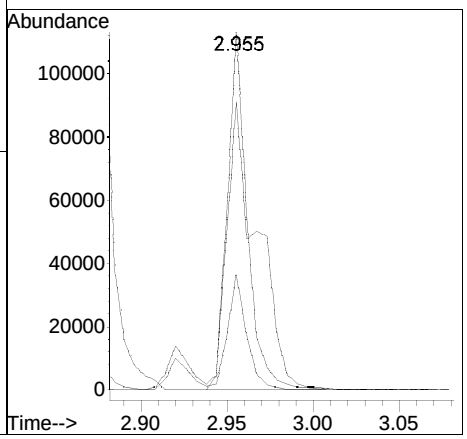


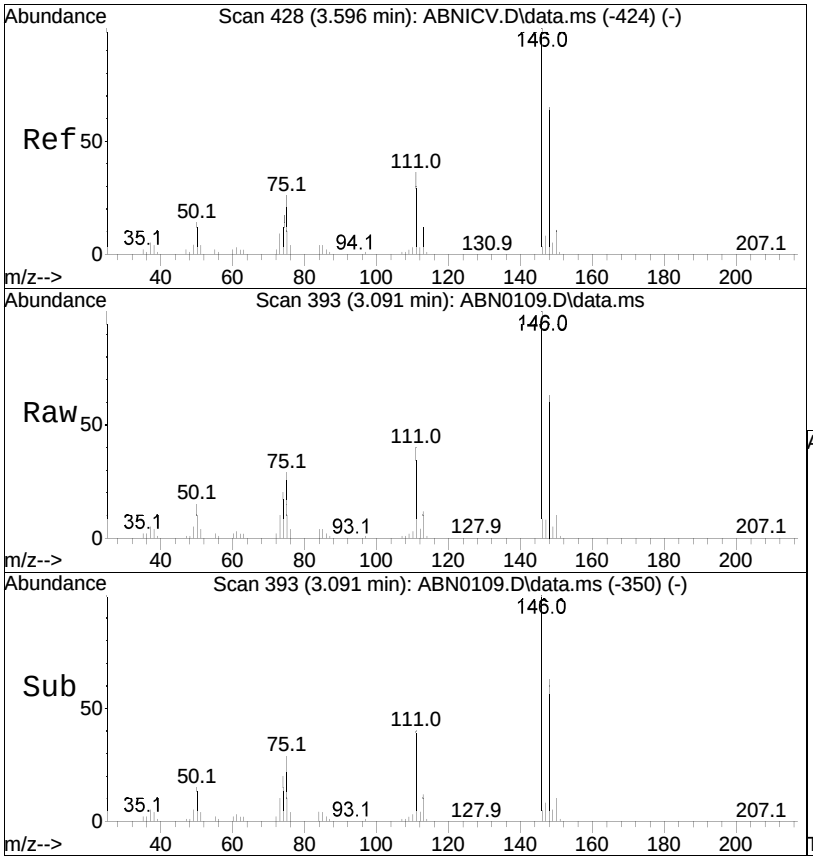


#9
Bis(2-chloroethyl)ether
Concen: 46.09 ug/ml
RT: 2.955 min Scan# 370
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion: 93 Resp: 90878

Ion	Ratio	Lower	Upper
93	100		
63	123.5	63.0	94.6#
95	31.1	26.3	39.5

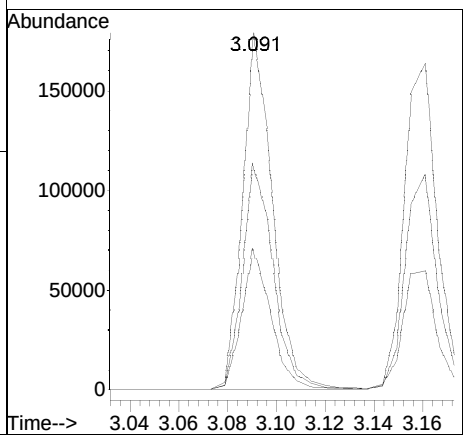


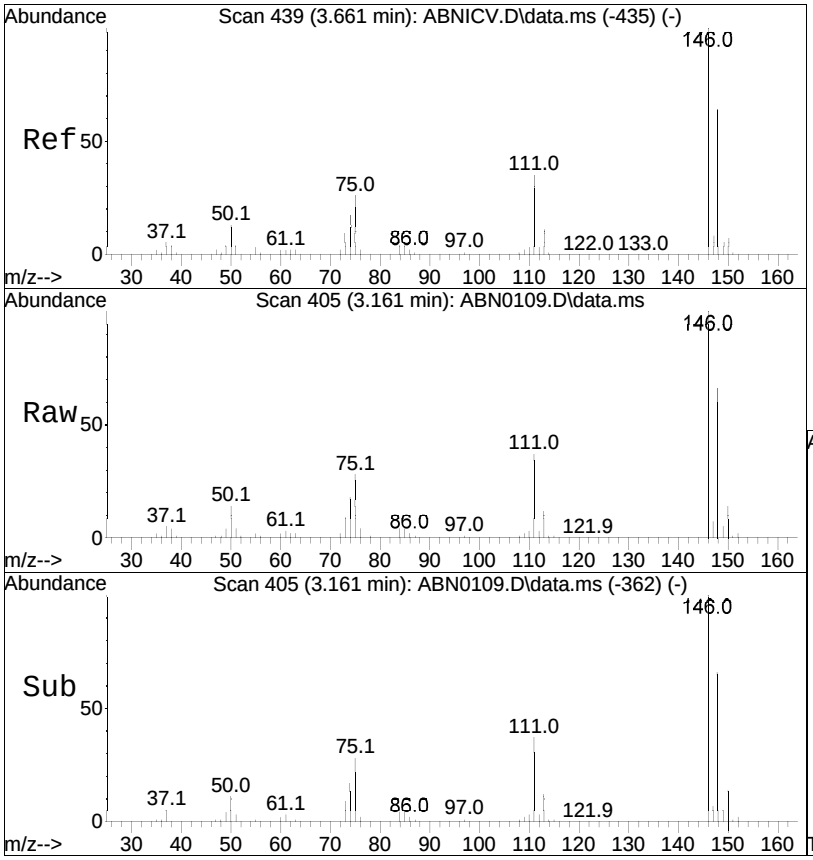


#10
1,3-Dichlorobenzene
Concen: 48.80 ug/ml
RT: 3.091 min Scan# 393
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:146 Resp: 152426

Ion	Ratio	Lower	Upper
146	100		
111	38.8	30.0	45.0
148	64.9	52.6	78.8

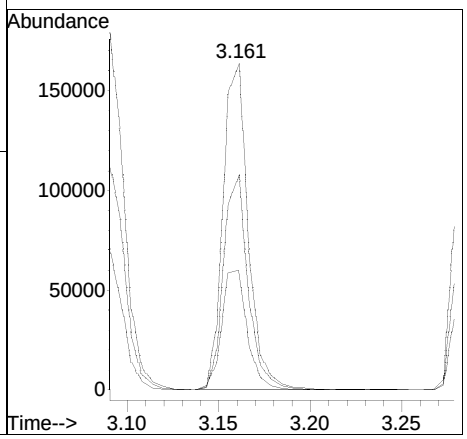


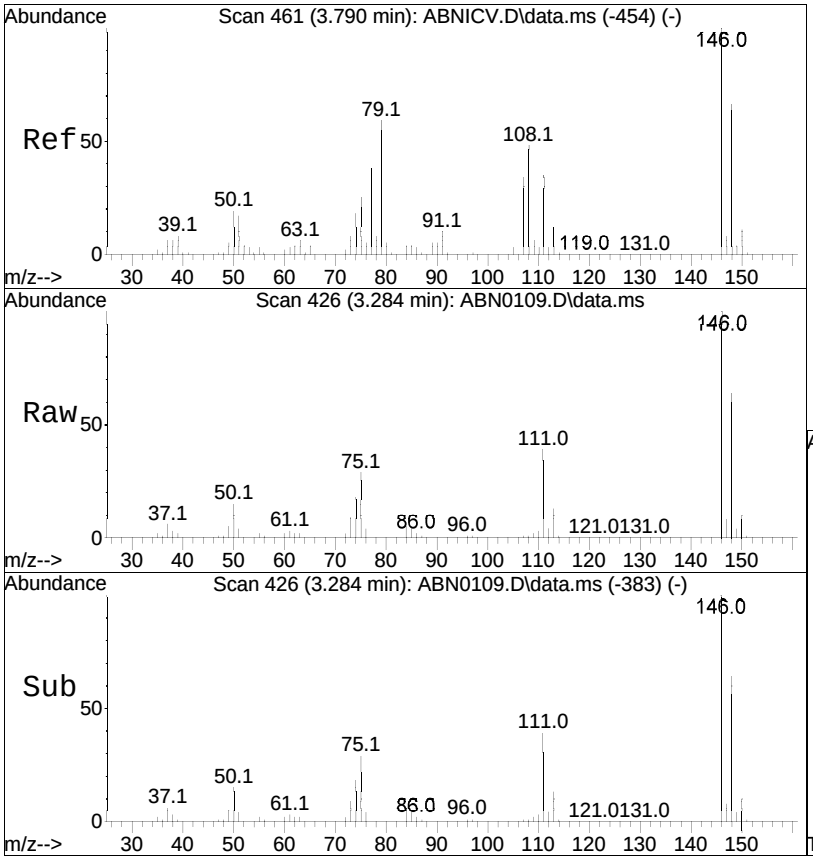


#11
1,4-Dichlorobenzene
Concen: 50.26 ug/ml
RT: 3.161 min Scan# 405
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:146 Resp: 157152

Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.3	78.5
111	37.4	29.2	43.8

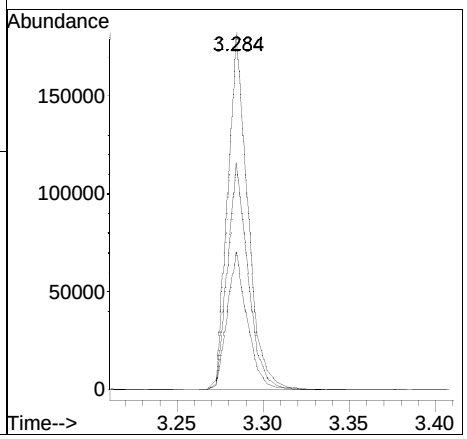


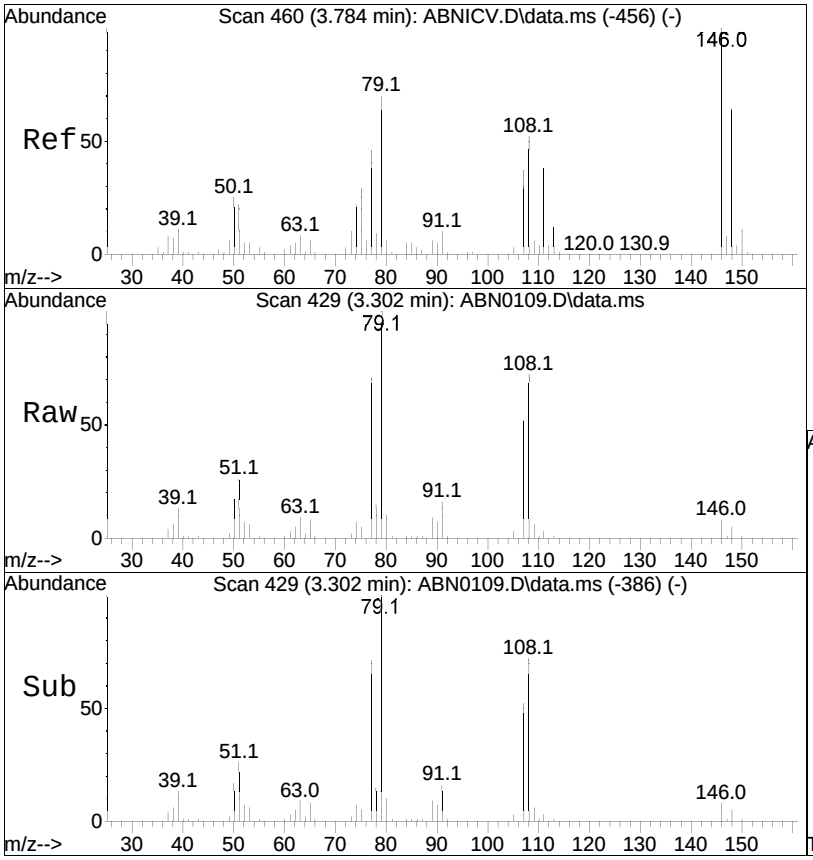


#12
1,2-Dichlorobenzene
Concen: 49.12 ug/ml
RT: 3.284 min Scan# 426
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:146 Resp: 147030

Ion	Ratio	Lower	Upper
146	100		
111	39.1	30.3	45.5
148	64.9	51.8	77.8

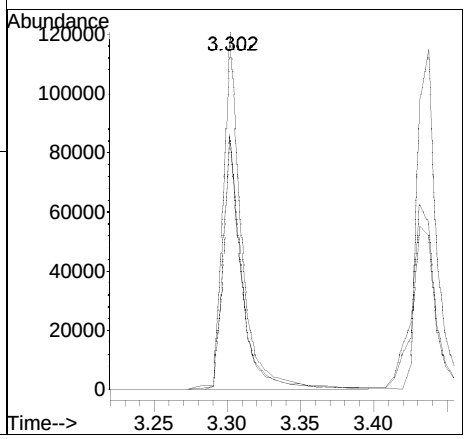


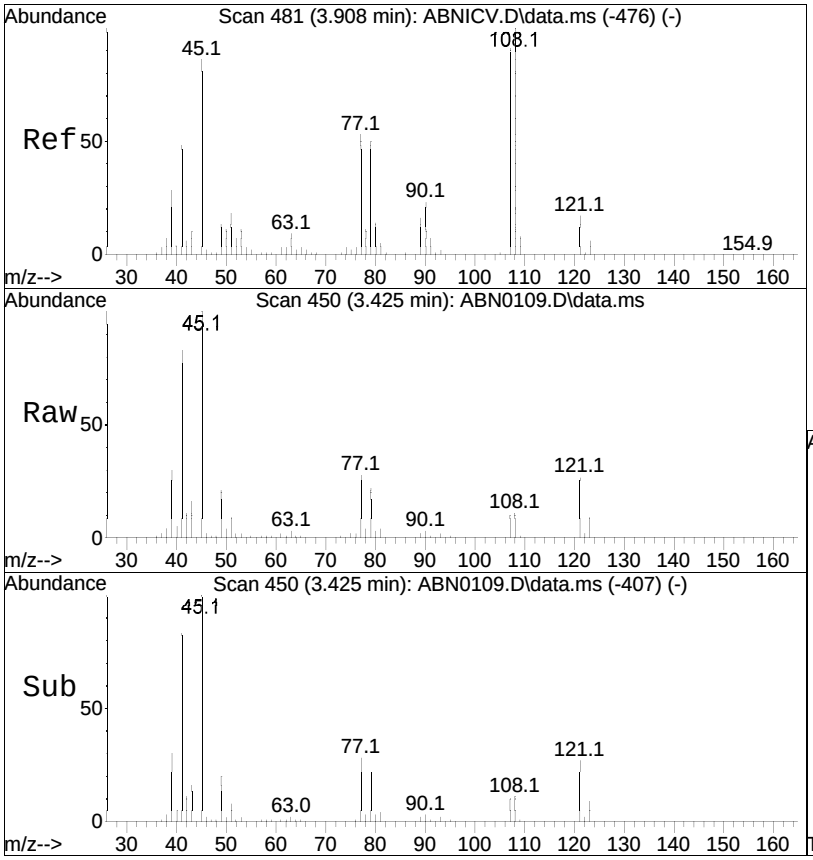


#13
Benzyl alcohol
Concen: 55.99 ug/ml
RT: 3.302 min Scan# 429
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion: 79 Resp: 104646

Ion	Ratio	Lower	Upper
79	100		
77	71.8	54.6	81.8
108	73.9	65.1	97.7

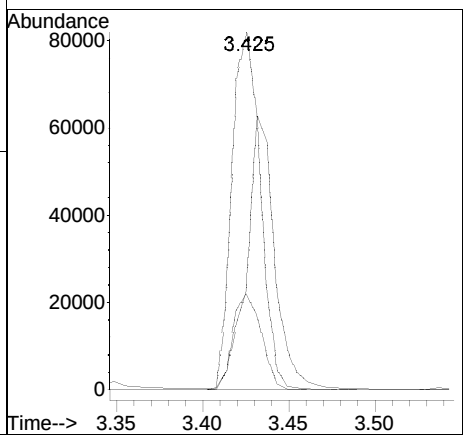


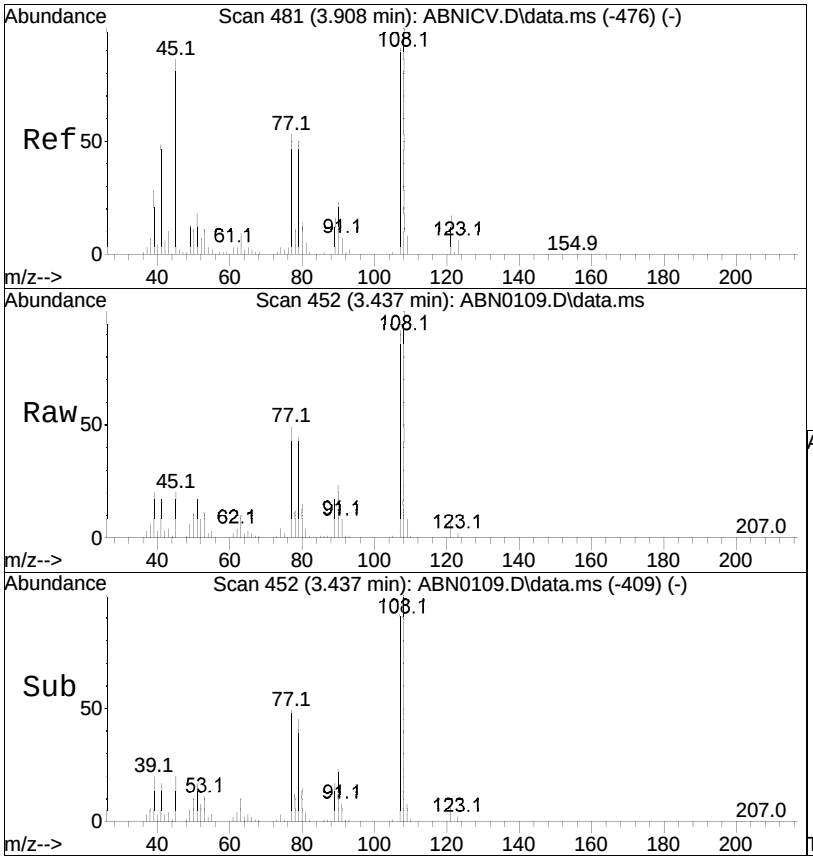


#14
Bis(2-chloroisopropyl)ether
Concen: 36.88 ug/ml
RT: 3.425 min Scan# 450
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion: 45 Resp: 93722

Ion	Ratio	Lower	Upper
45	100		
121	26.9	16.0	24.0#
77	76.9	32.1	48.1#

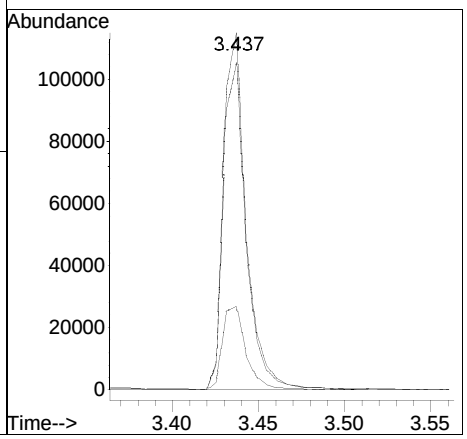


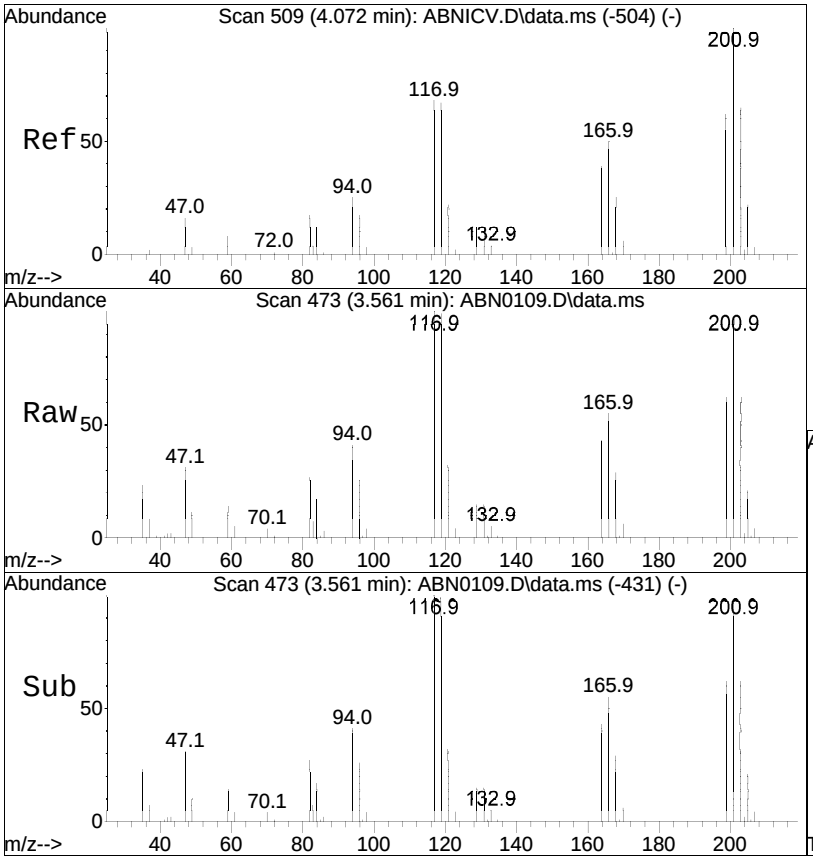


#15
2-Methylphenol
Concen: 51.57 ug/ml
RT: 3.437 min Scan# 452
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:108 Resp: 105529

Ion	Ratio	Lower	Upper
108	100		
107	91.8	70.3	105.5
90	24.5	18.7	28.1

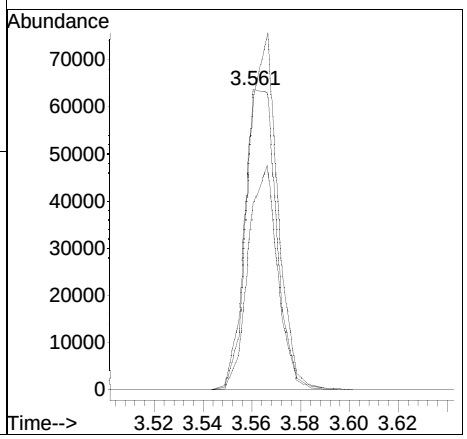


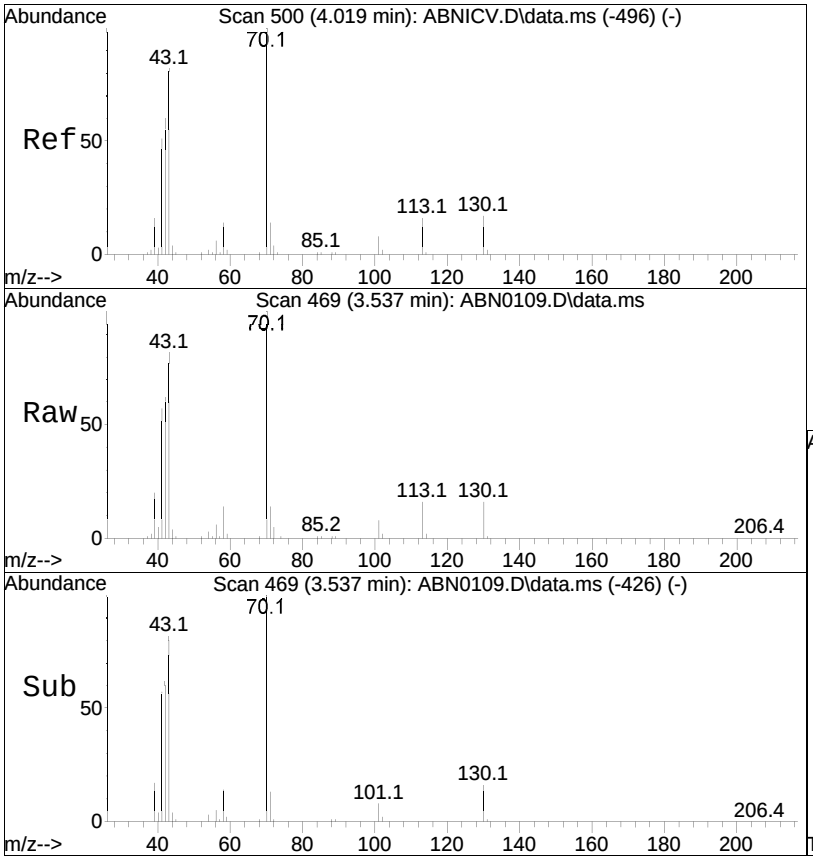


#16
Hexachloroethane
Concen: 50.33 ug/ml
RT: 3.561 min Scan# 473
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:117 Resp: 57533

Ion	Ratio	Lower	Upper
117	100		
201	109.5	73.4	110.0
199	69.0	45.9	68.9#

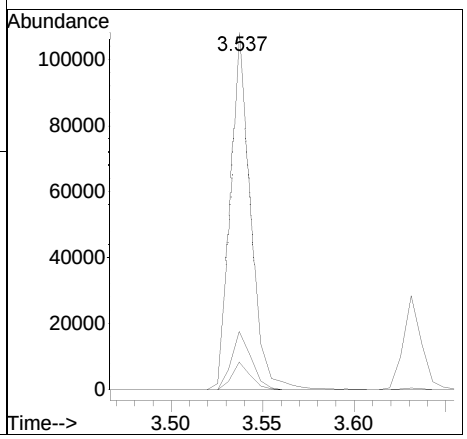


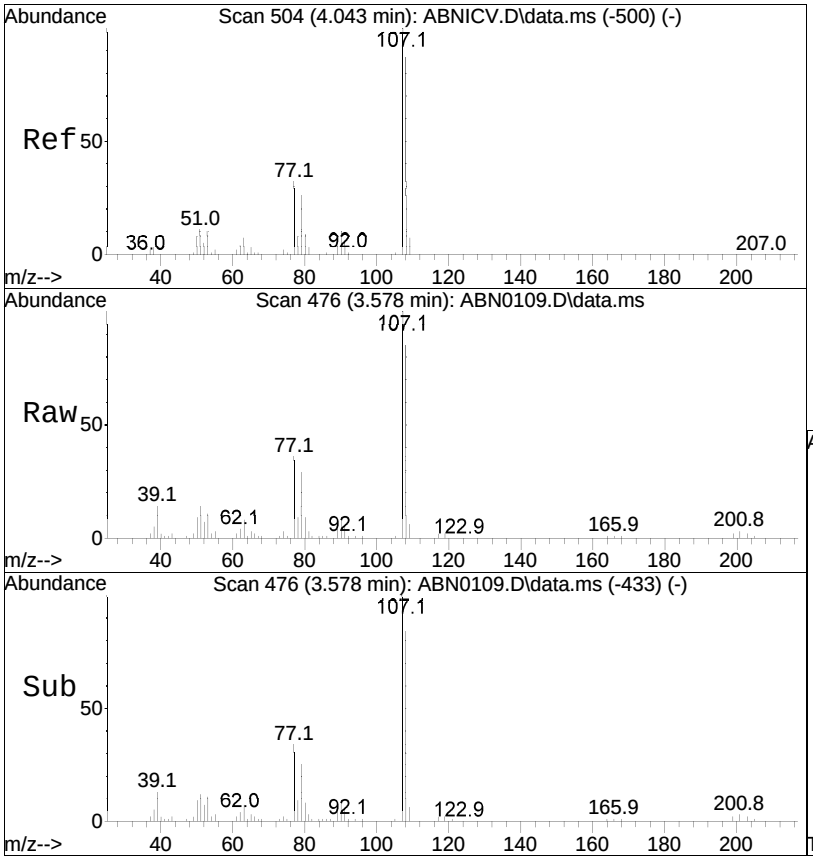


#17
n-Nitrosodi-n-propylamine
Concen: 52.13 ug/ml
RT: 3.537 min Scan# 469
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion: 70 Resp: 82990

Ion	Ratio	Lower	Upper
70	100		
130	15.8	17.1	25.7#
101	7.1	7.0	10.4

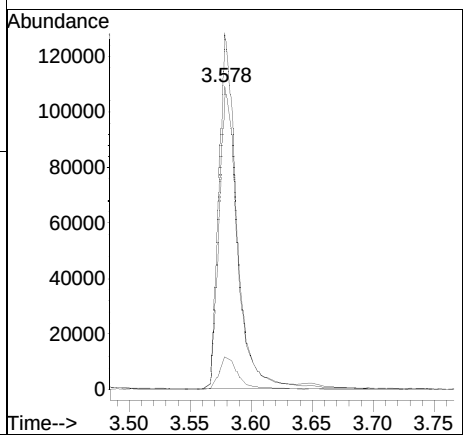


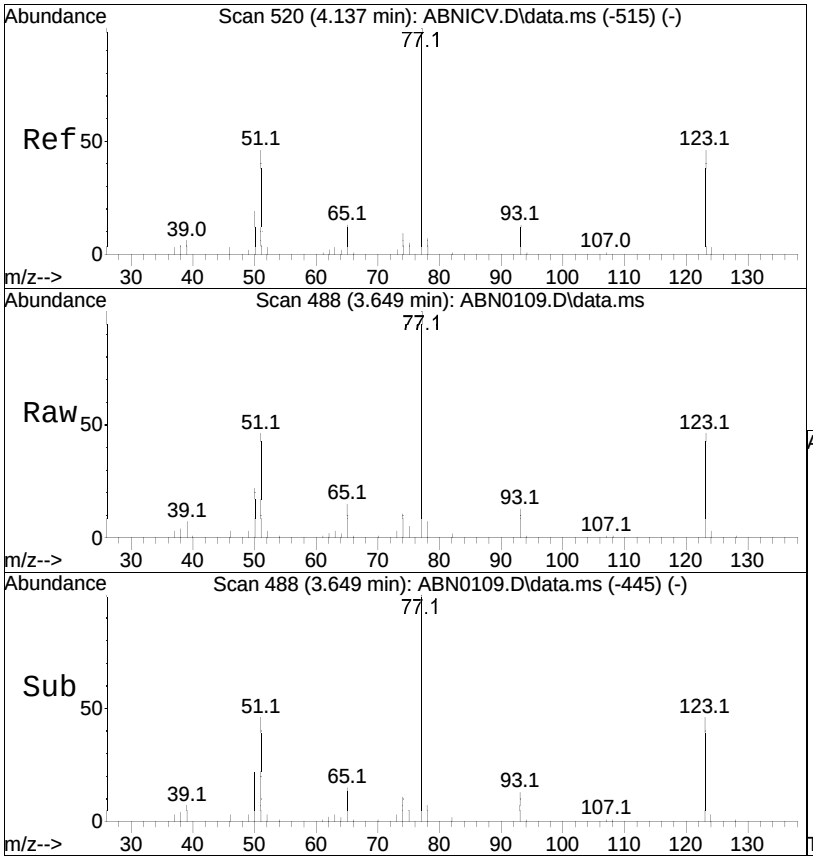


#18
3-Methylphenol/4-Methylphenol
Concen: 53.73 ug/ml
RT: 3.578 min Scan# 476
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:108 Resp: 116481

Ion	Ratio	Lower	Upper
108	100		
107	113.5	88.2	132.2
90	11.2	8.5	12.7

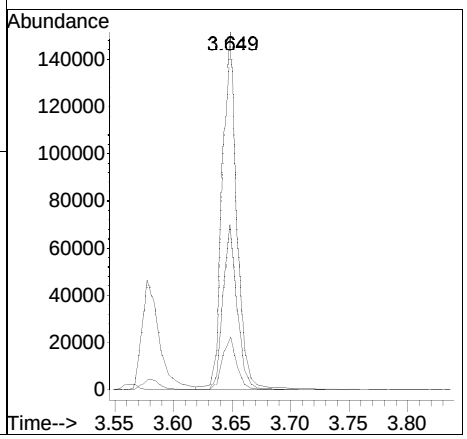


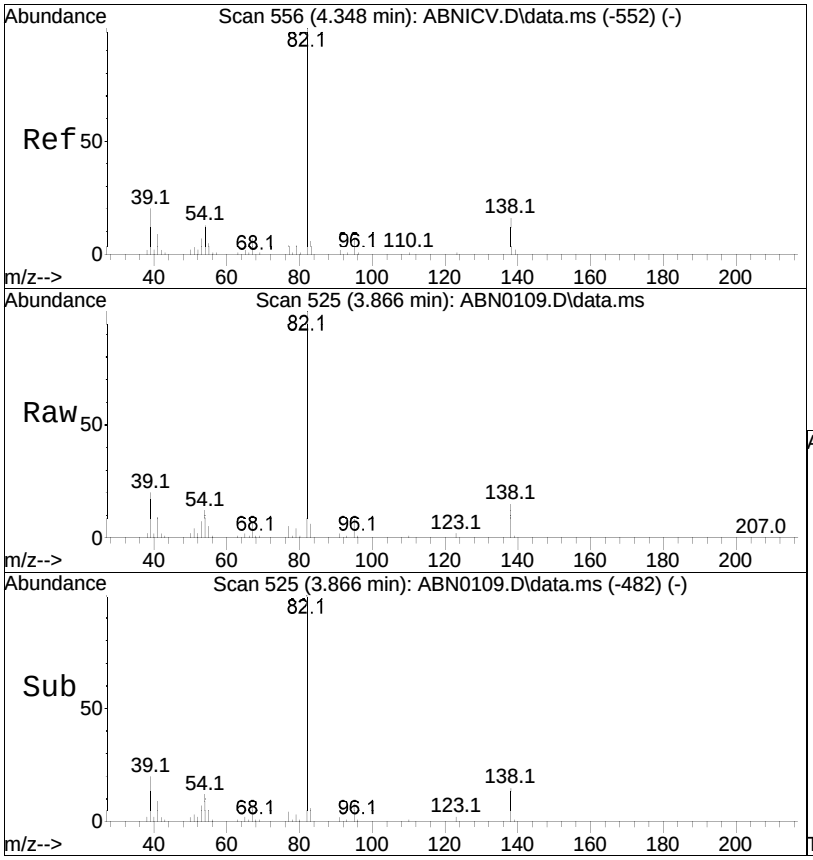


#20
Nitrobenzene
Concen: 55.52 ug/ml
RT: 3.649 min Scan# 488
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion: 77 Resp: 130417

Ion	Ratio	Lower	Upper
77	100		
123	44.8	39.5	59.3
65	14.8	11.0	16.6

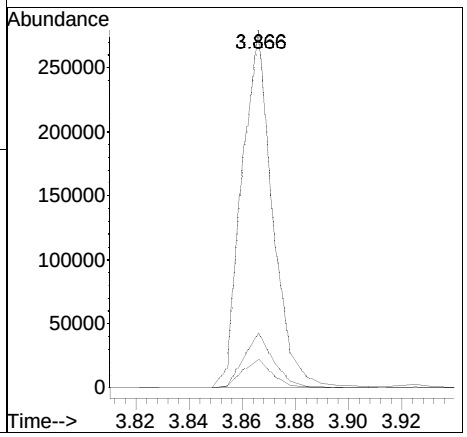


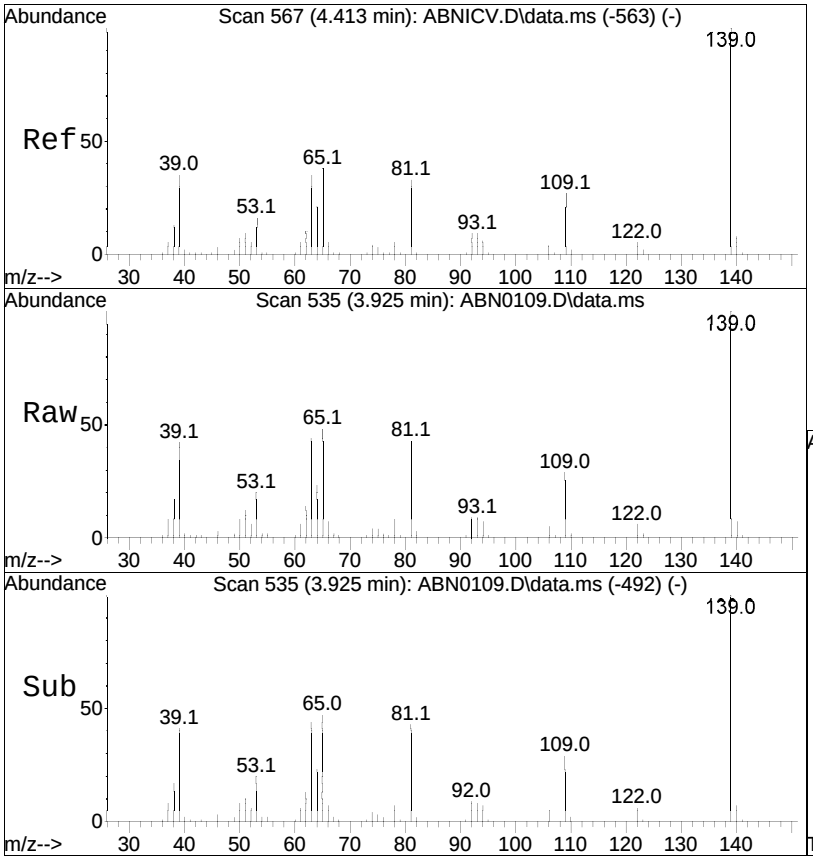


#21
Isophorone
Concen: 52.97 ug/ml
RT: 3.866 min Scan# 525
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion: 82 Resp: 222887

Ion	Ratio	Lower	Upper
82	100		
138	15.1	13.9	20.9
95	8.1	5.1	7.7#

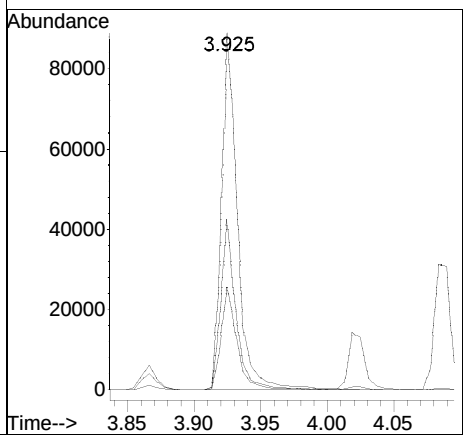


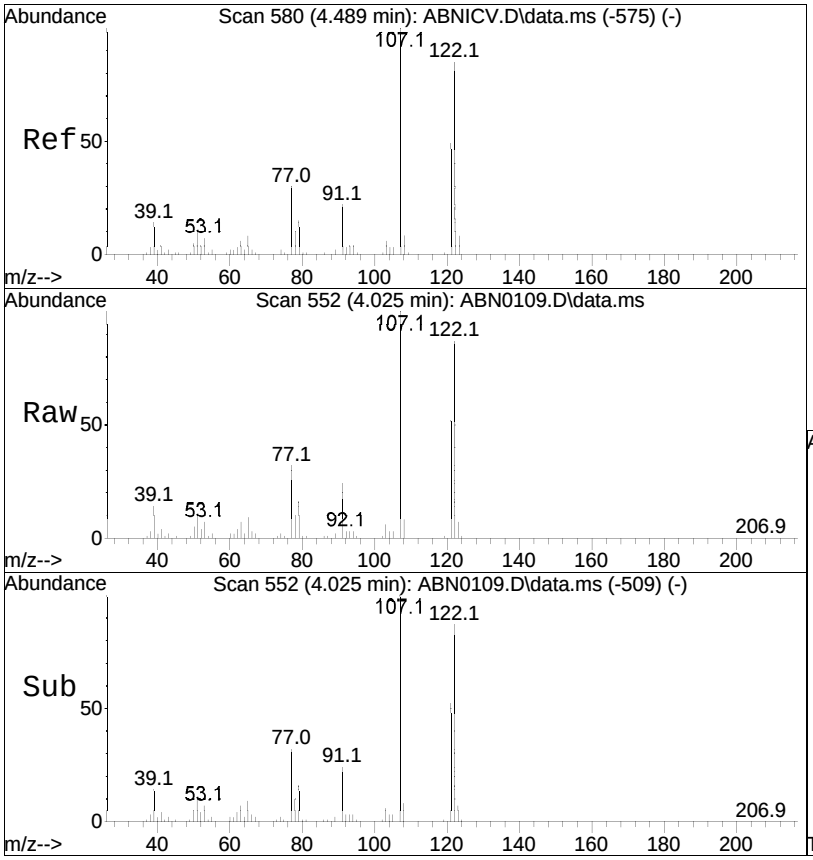


#22
2-Nitrophenol
Concen: 55.26 ug/ml
RT: 3.925 min Scan# 535
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:139 Resp: 73423

Ion	Ratio	Lower	Upper
139	100		
109	29.2	17.2	25.8#
65	45.7	33.8	50.6

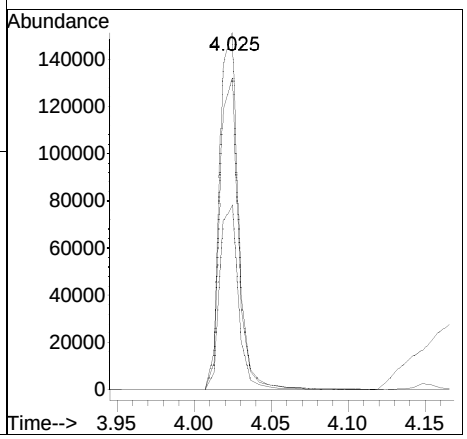


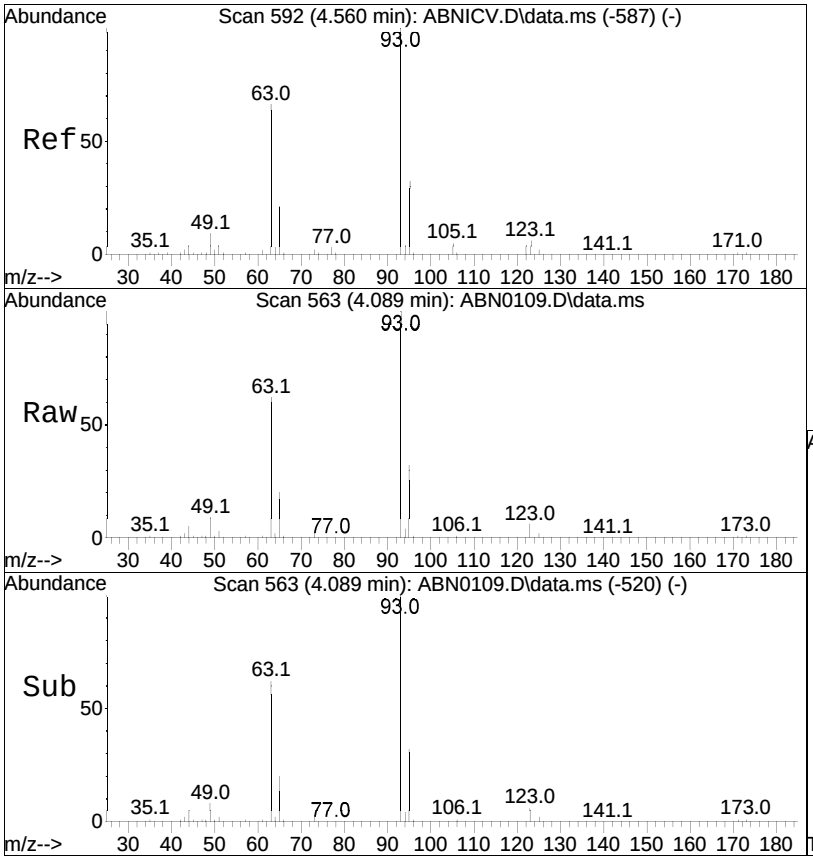


#23
2,4-Dimethylphenol
Concen: 53.13 ug/ml
RT: 4.025 min Scan# 552
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:107 Resp: 129833

Ion	Ratio	Lower	Upper
107	100		
121	51.4	41.2	61.8
122	85.5	72.5	108.7

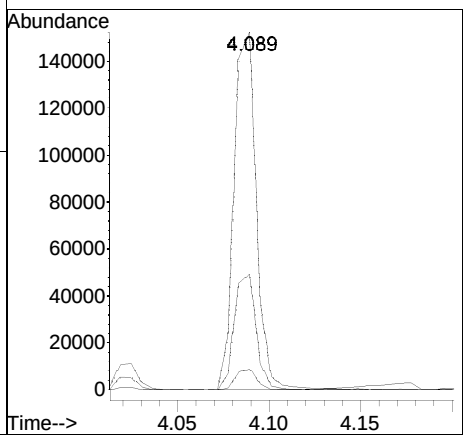


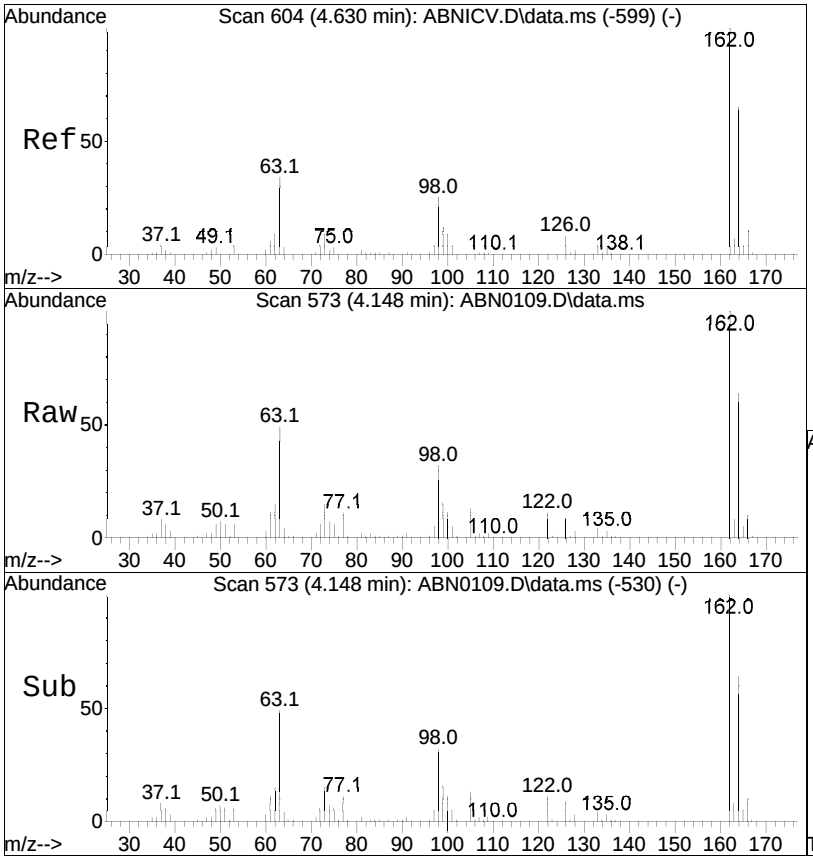


#24
Bis(2-chloroethoxy)methane
Concen: 48.98 ug/ml
RT: 4.089 min Scan# 563
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion: 93 Resp: 128880

Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.8	40.2
123	5.7	8.7	13.1#

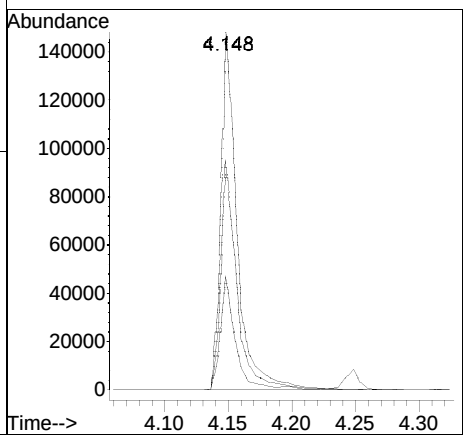


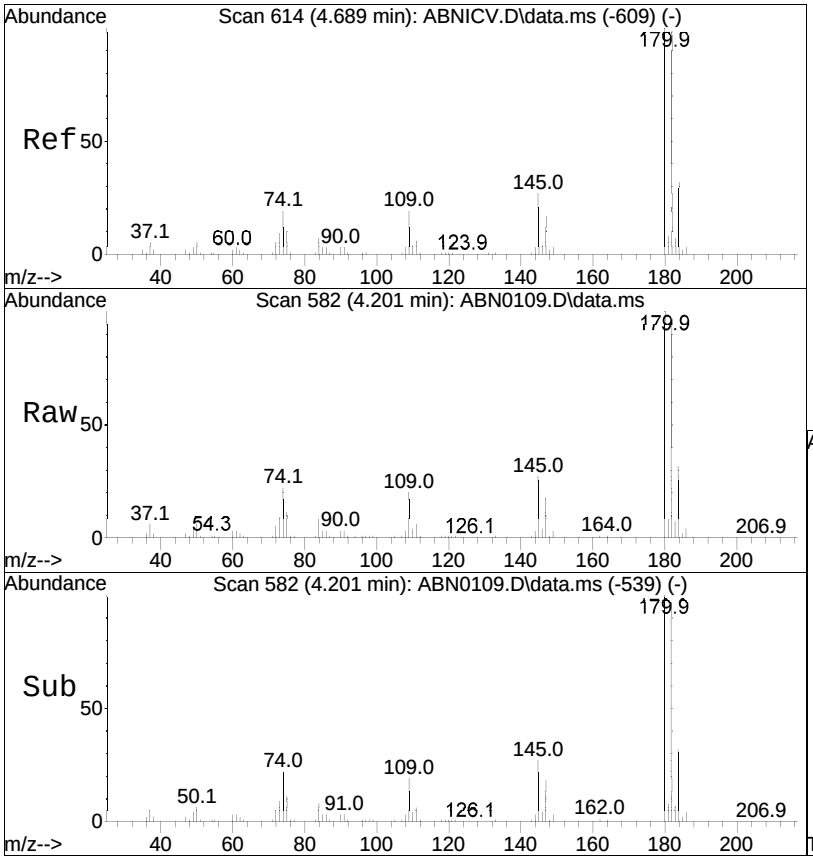


#25
2,4-Dichlorophenol
Concen: 49.64 ug/ml
RT: 4.148 min Scan# 573
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:162 Resp: 129020

Ion	Ratio	Lower	Upper
162	100		
164	63.9	51.8	77.8
98	29.8	25.0	37.4

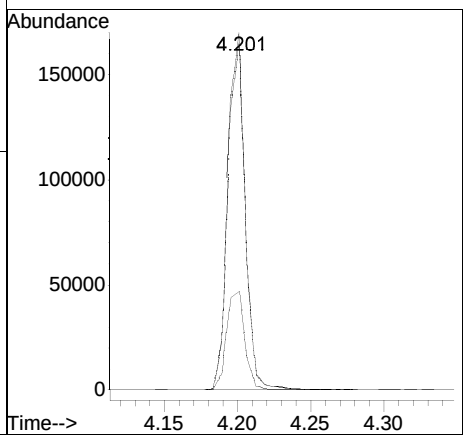


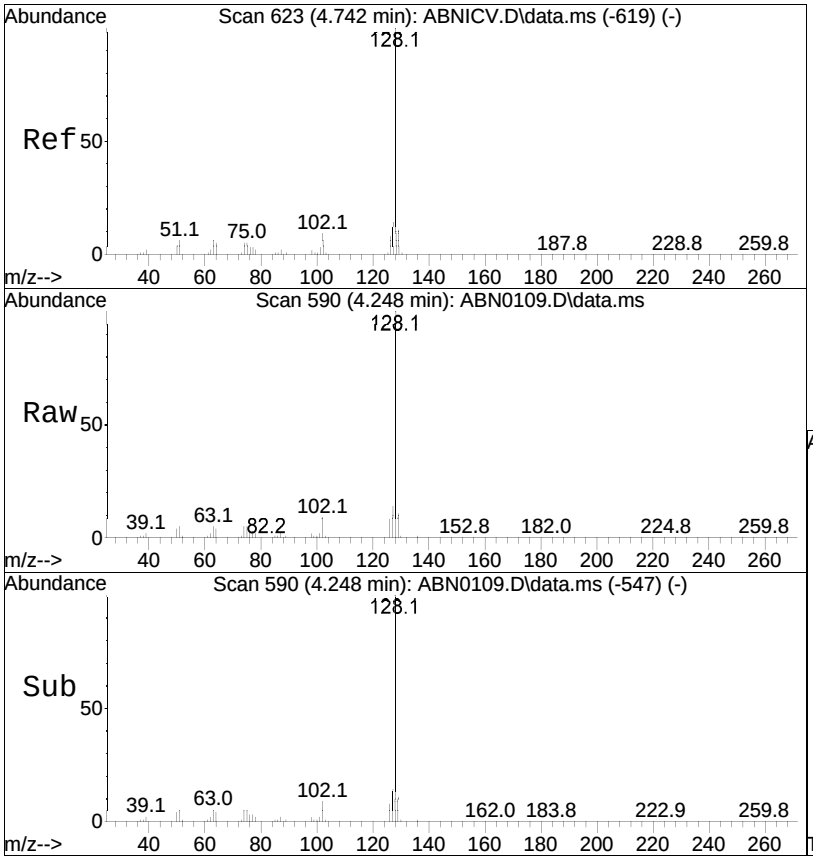


#26
1,2,4-Trichlorobenzene
Concen: 44.46 ug/ml
RT: 4.201 min Scan# 582
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:180 Resp: 140570

Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.5	116.3
145	29.3	22.2	33.2

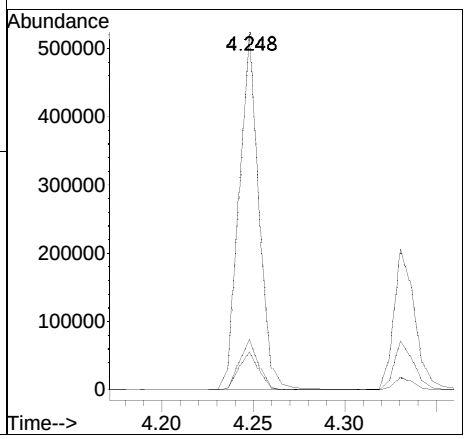


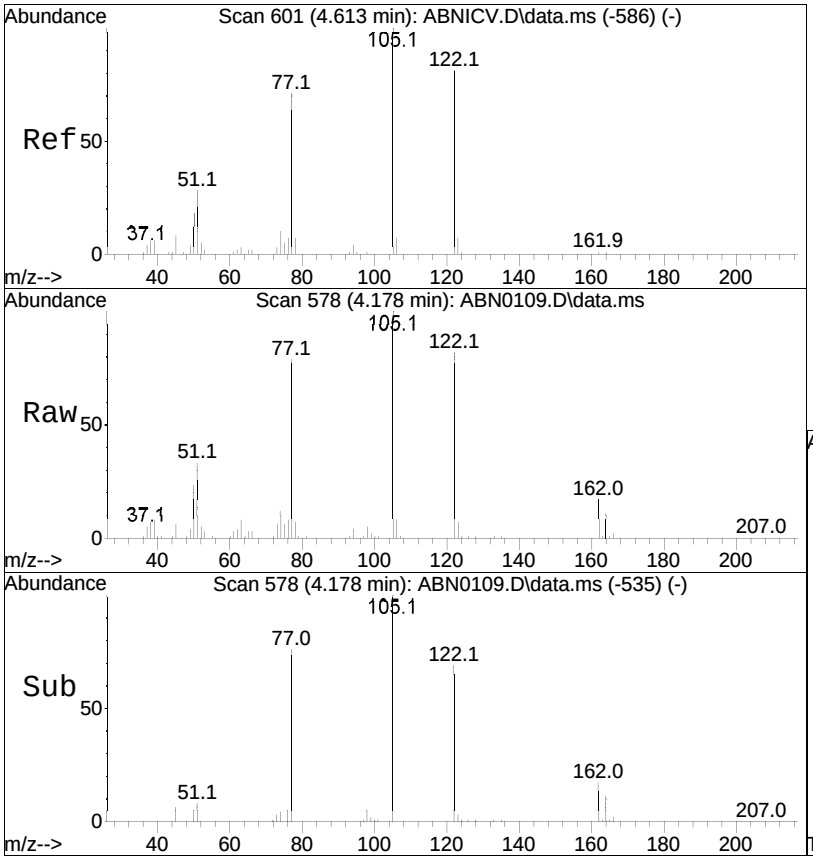


#36
Naphthalene
Concen: 49.89 ug/ml
RT: 4.248 min Scan# 590
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:128 Resp: 393693

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	14.0	11.3	16.9

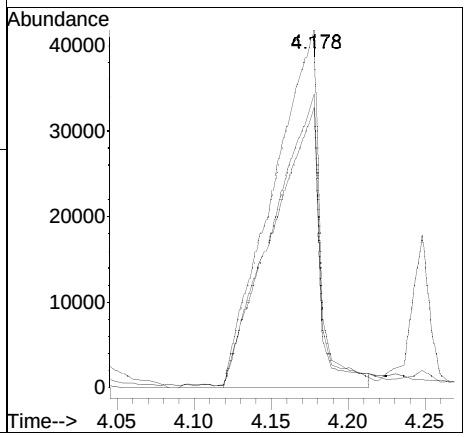


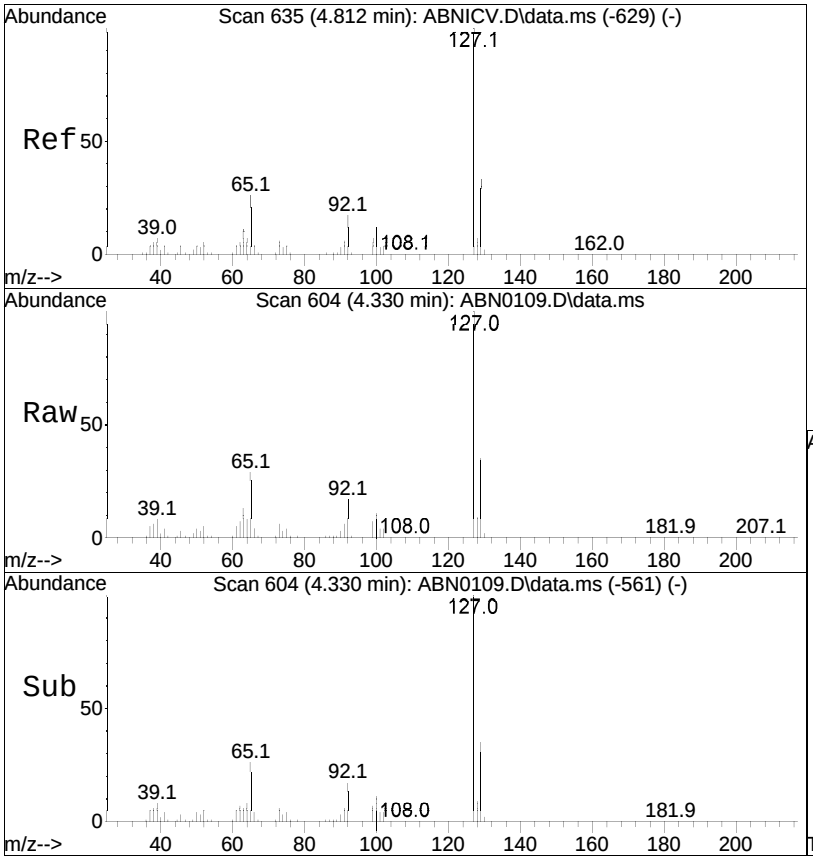


#37
Benzoic Acid
Concen: 46.97 ug/ml M3
RT: 4.178 min Scan# 578
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:105 Resp: 89675

Ion	Ratio	Lower	Upper
105	100		
122	123.8	2158.8	3238.2#
77	49.0	747.4	1121.0#

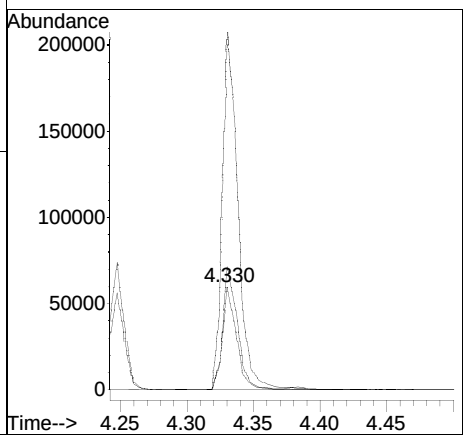


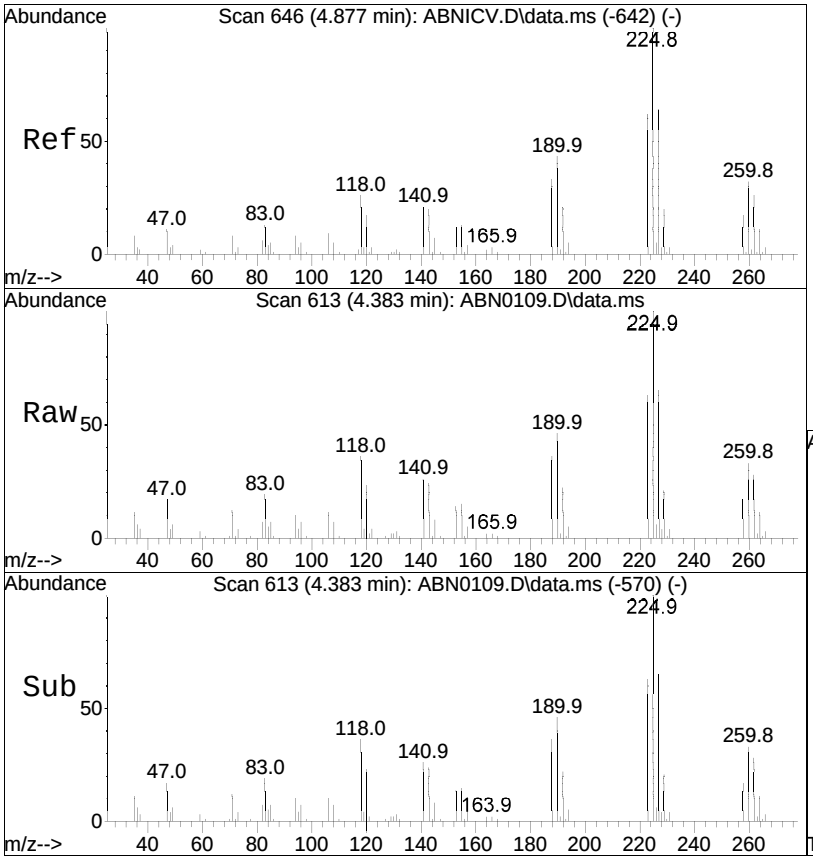


#38
4-Chloroaniline
Concen: 53.68 ug/ml
RT: 4.330 min Scan# 604
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion: 65 Resp: 45340

Ion	Ratio	Lower	Upper
65	100		
127	373.7	302.2	453.2
129	121.3	97.8	146.8

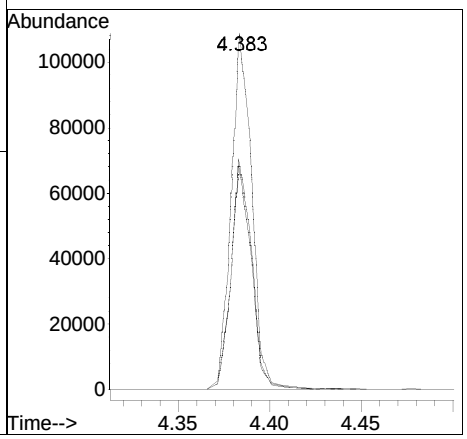


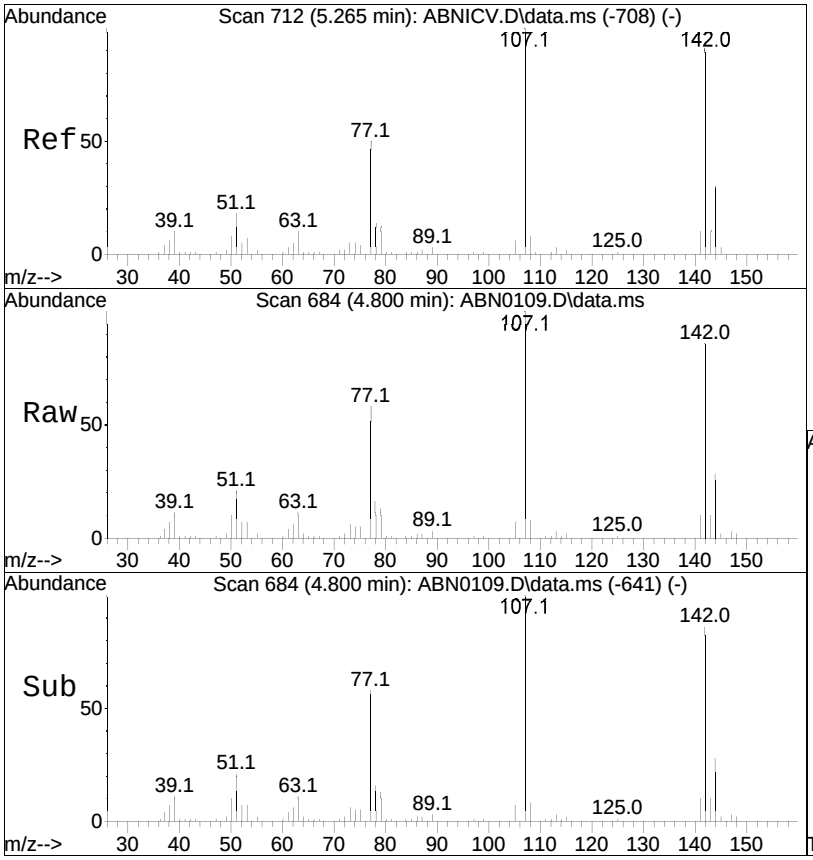


#39
Hexachlorobutadiene
Concen: 37.29 ug/ml
RT: 4.383 min Scan# 613
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:225 Resp: 85105

Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.0	75.0
227	64.8	51.8	77.6

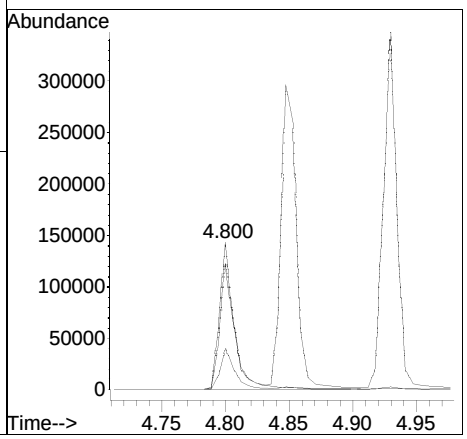


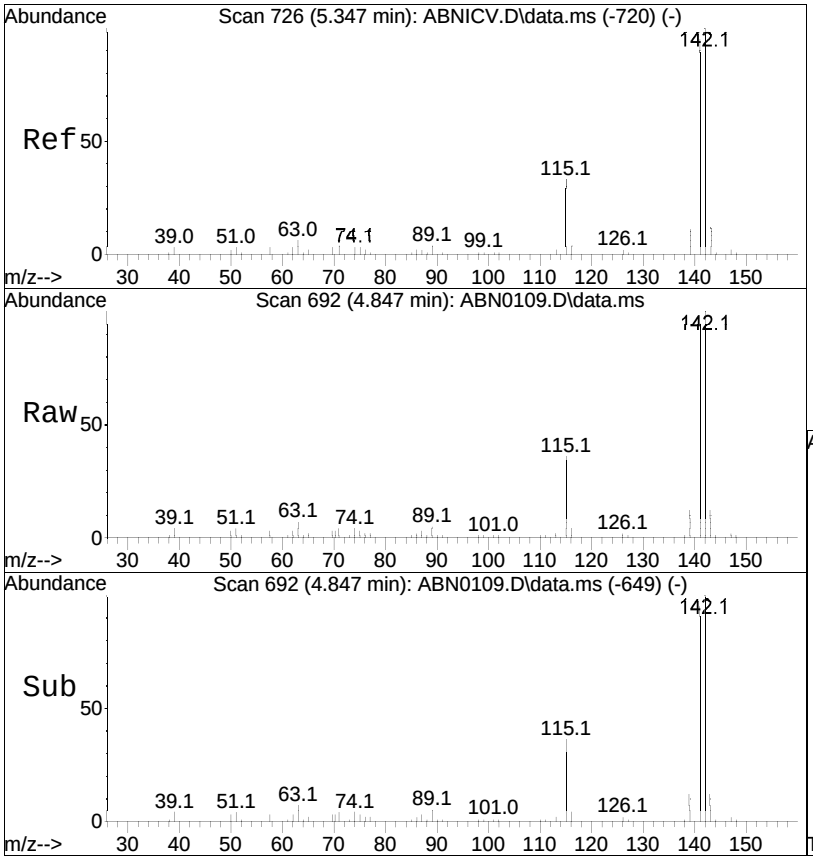


#40
p-Chloro-m-cresol
Concen: 51.73 ug/ml
RT: 4.800 min Scan# 684
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:107 Resp: 116918

Ion	Ratio	Lower	Upper
107	100		
144	27.1	23.3	34.9
142	82.5	72.7	109.1

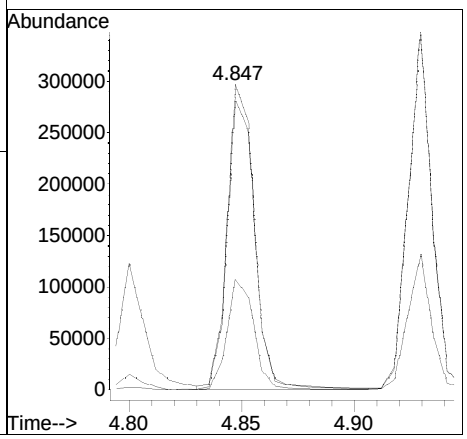


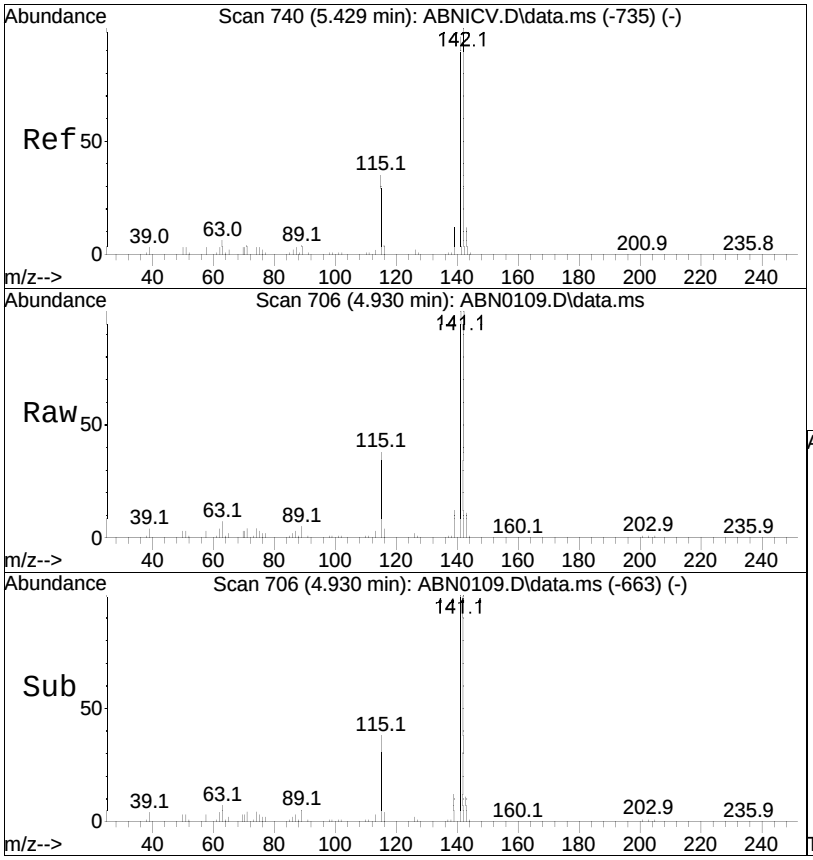


#41
2-Methylnaphthalene
Concen: 47.34 ug/ml
RT: 4.847 min Scan# 692
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:142 Resp: 252395

Ion	Ratio	Lower	Upper
142	100		
141	94.8	69.5	104.3
115	35.7	25.4	38.2

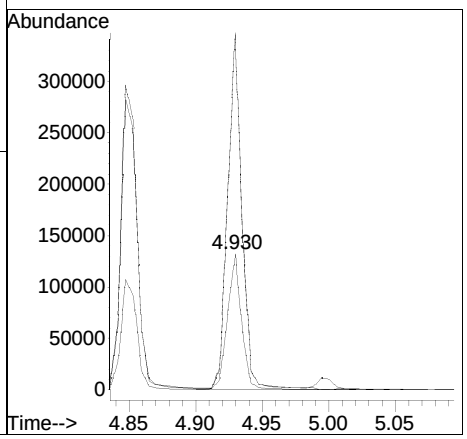


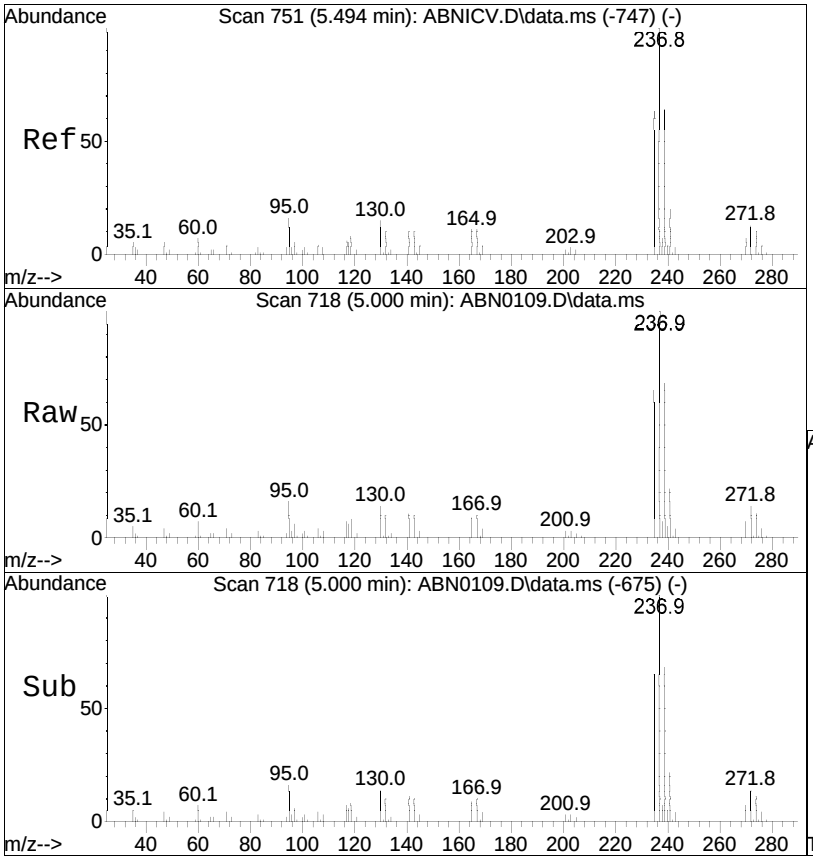


#42
1-Methylnaphthalene
Concen: 50.22 ug/ml
RT: 4.930 min Scan# 706
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:115 Resp: 97803

Ion	Ratio	Lower	Upper
115	100		
141	261.3	218.1	327.1
142	266.7	245.3	367.9

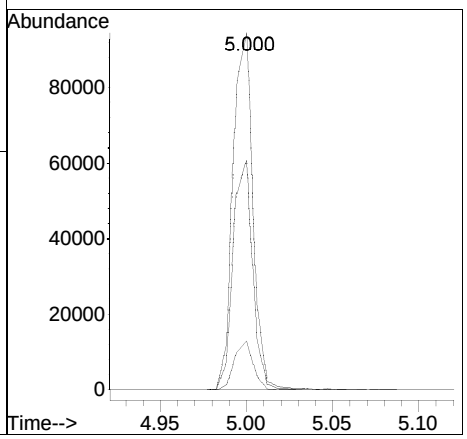


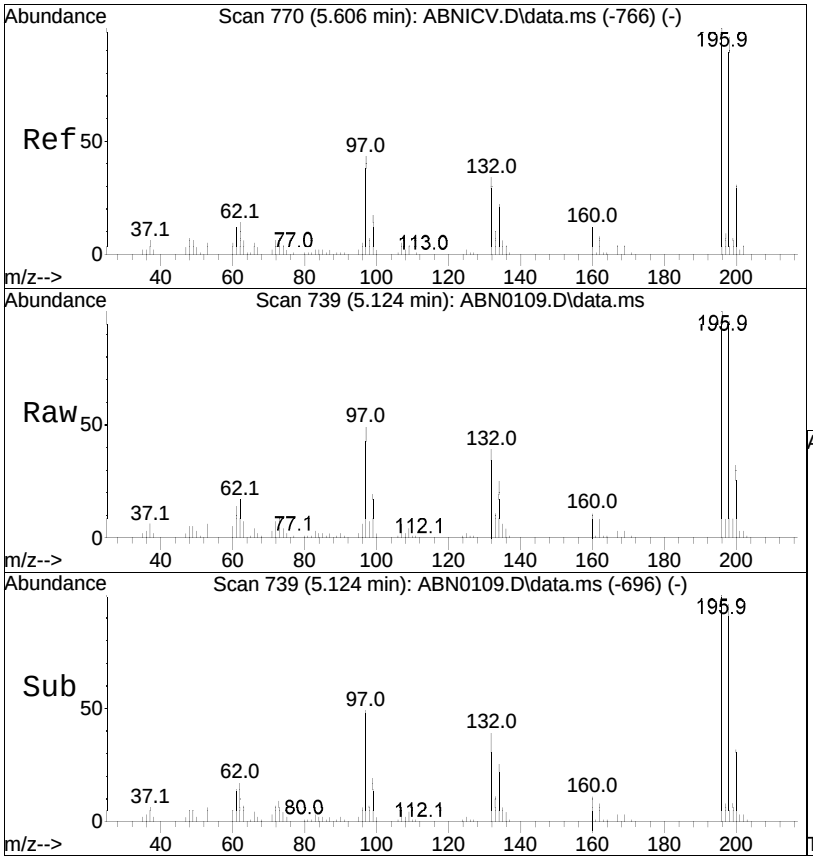


#43
Hexachlorocyclopentadiene
Concen: 30.44 ug/ml
RT: 5.000 min Scan# 718
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:237 Resp: 76514

Ion	Ratio	Lower	Upper
237	100		
235	62.9	49.9	74.9
272	13.0	11.4	17.2

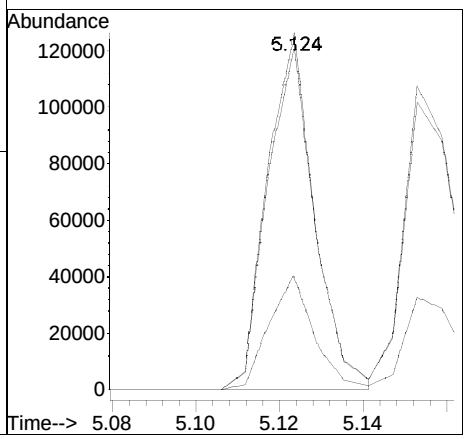


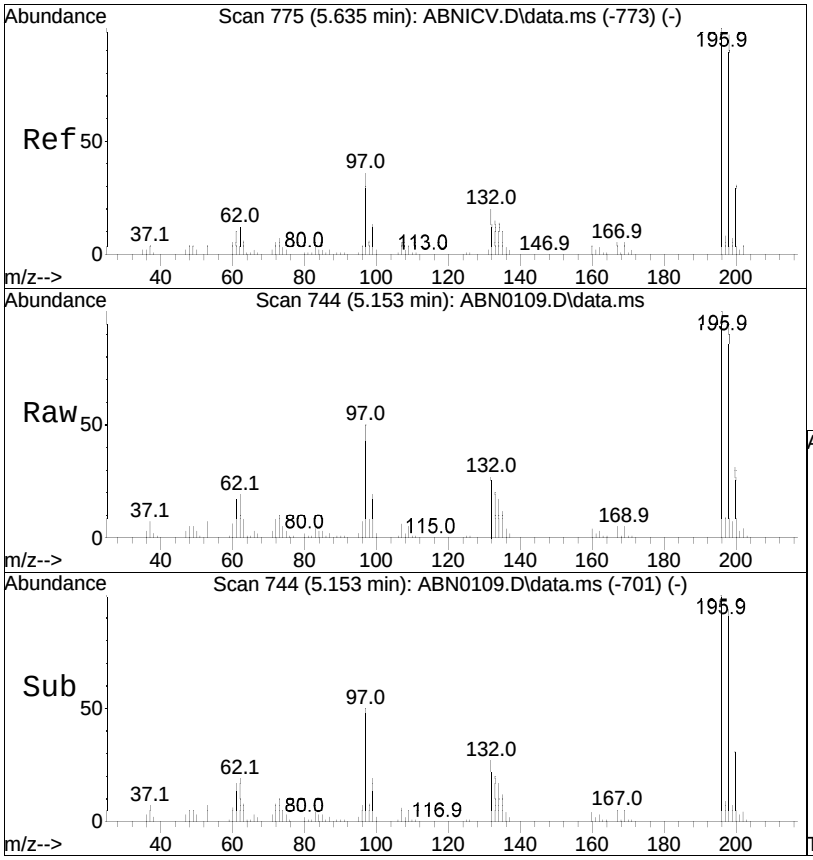


#44
2,4,6-Trichlorophenol
Concen: 40.99 ug/ml M3
RT: 5.124 min Scan# 739
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:196 Resp: 98337

Ion	Ratio	Lower	Upper
196	100		
198	96.7	77.0	115.6
200	30.9	25.0	37.6

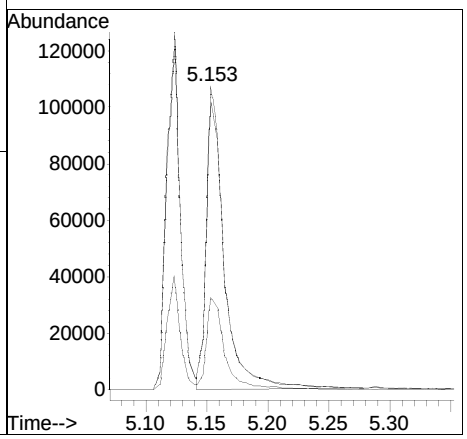


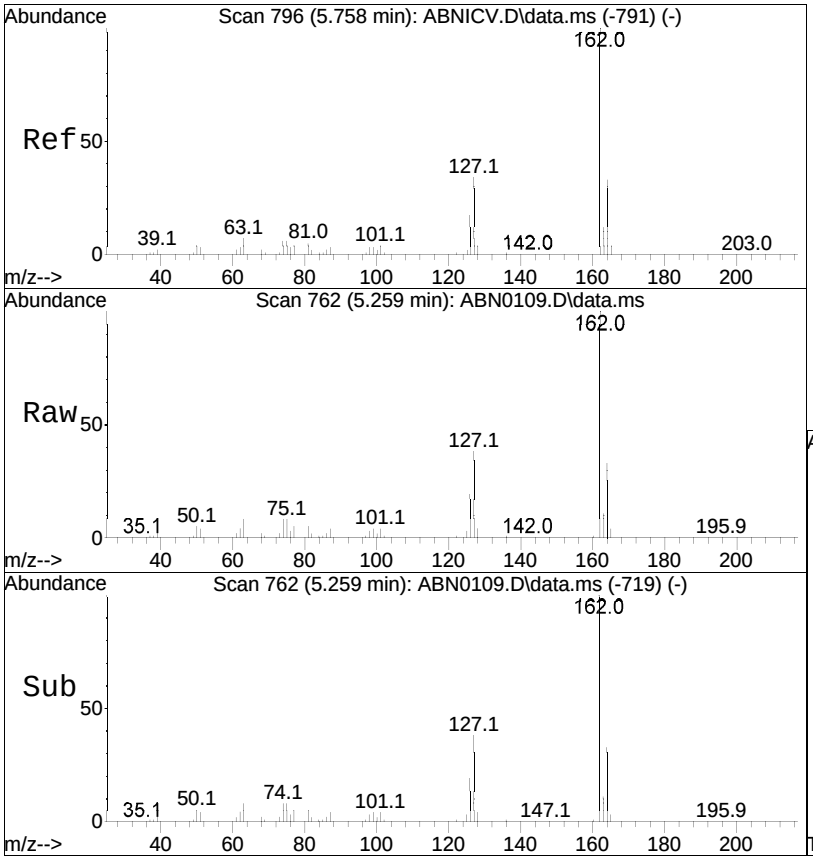


#45
2,4,5-Trichlorophenol
Concen: 41.43 ug/ml
RT: 5.153 min Scan# 744
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:196 Resp: 109283

Ion	Ratio	Lower	Upper
196	100		
200	32.0	24.9	37.3
198	98.4	78.5	117.7

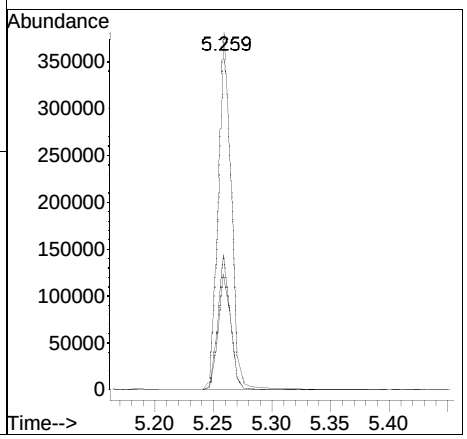


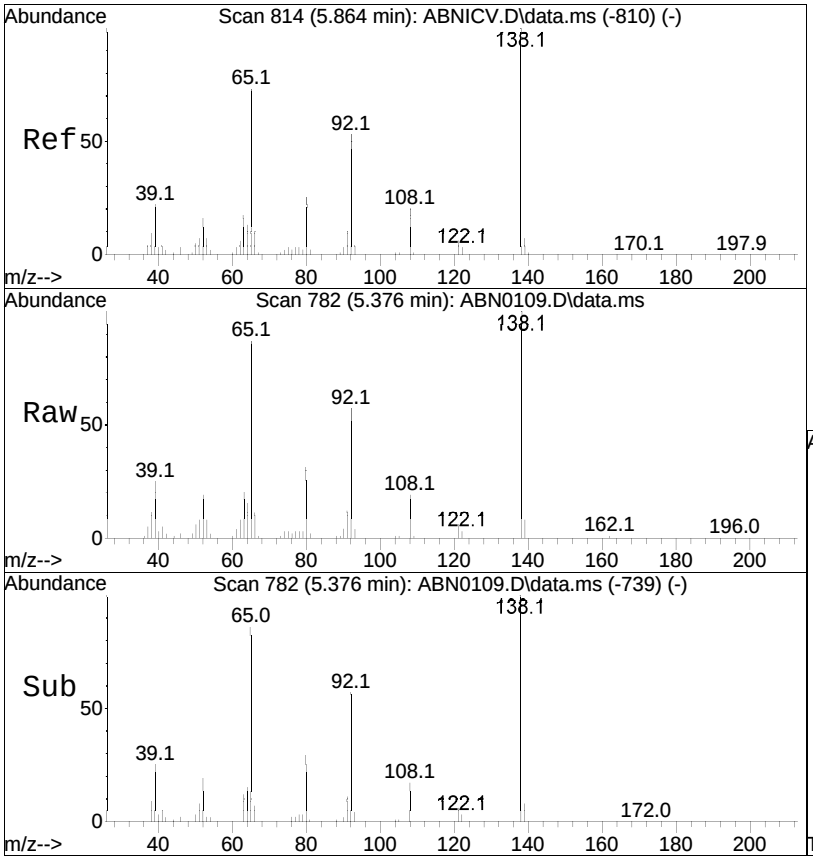


#47
2-Chloronaphthalene
Concen: 46.10 ug/ml
RT: 5.259 min Scan# 762
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:162 Resp: 293167

Ion	Ratio	Lower	Upper
162	100		
127	36.0	28.0	42.0
164	32.3	26.6	39.8

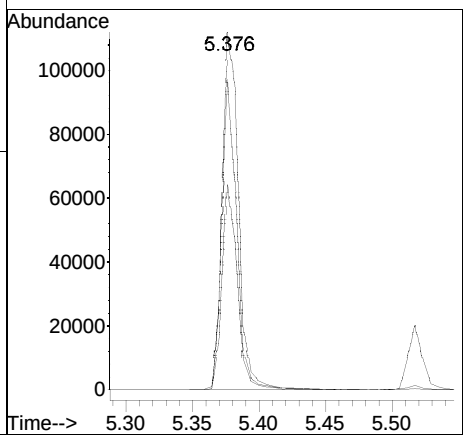


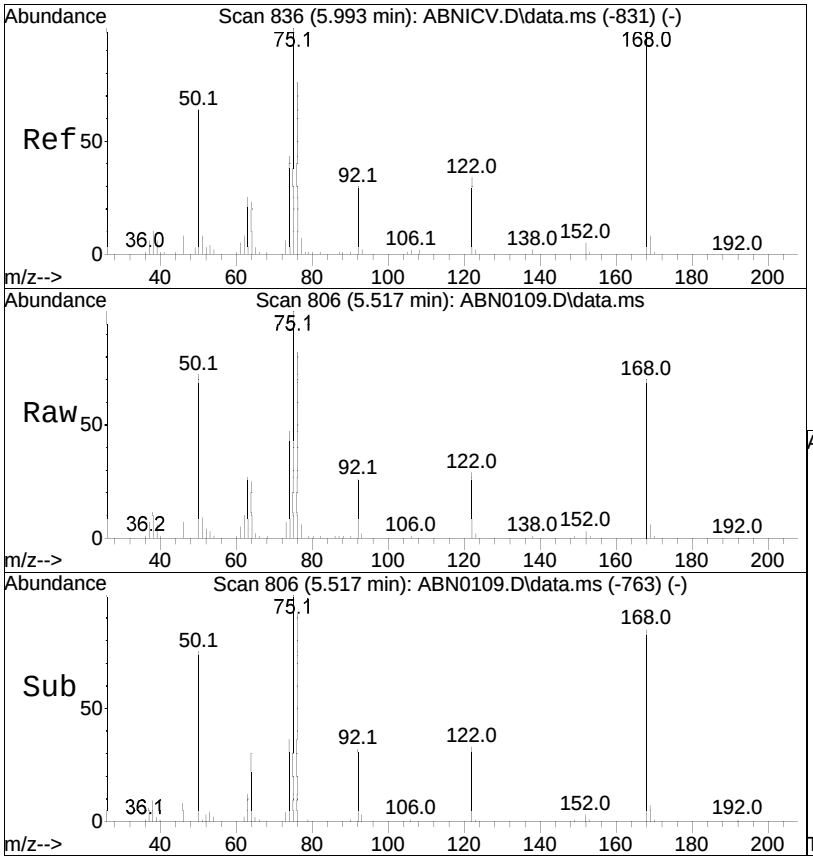


#48
2-Nitroaniline
Concen: 53.80 ug/ml
RT: 5.376 min Scan# 782
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:138 Resp: 94239

Ion	Ratio	Lower	Upper
138	100		
92	54.4	41.7	62.5
65	79.7	61.5	92.3

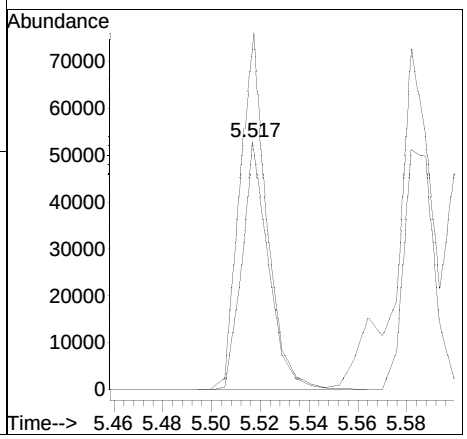


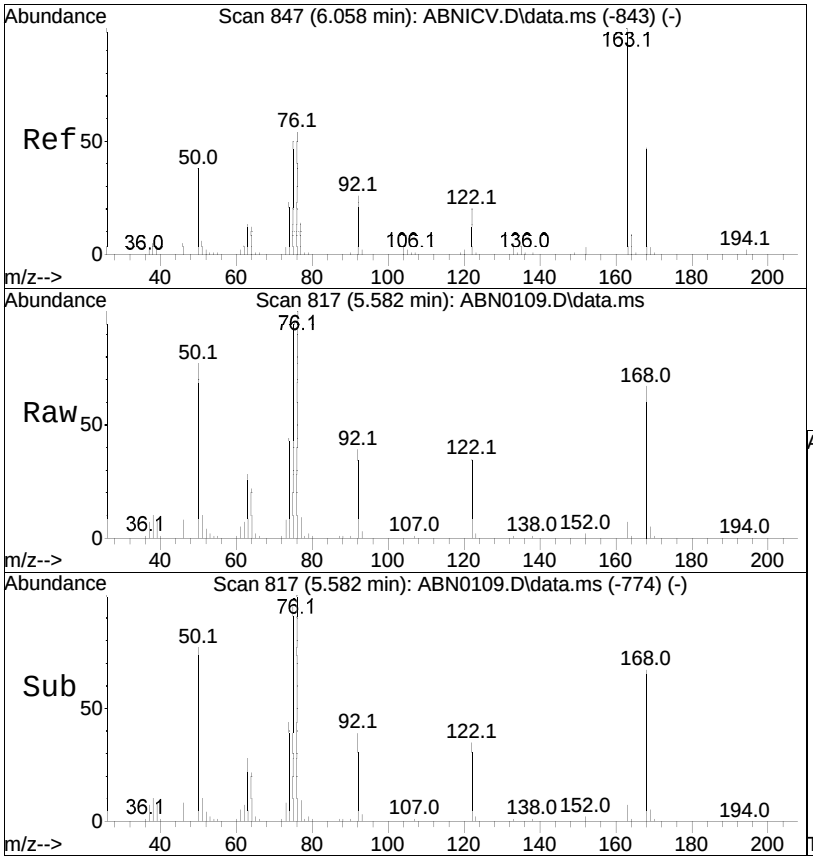


#49
1,4-Dinitrobenzene
Concen: 49.54 ug/ml
RT: 5.517 min Scan# 806
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:168 Resp: 40202

Ion	Ratio	Lower	Upper
168	100		
75	145.6	102.0	153.0

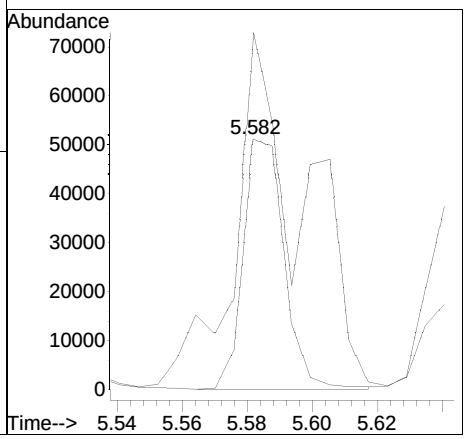


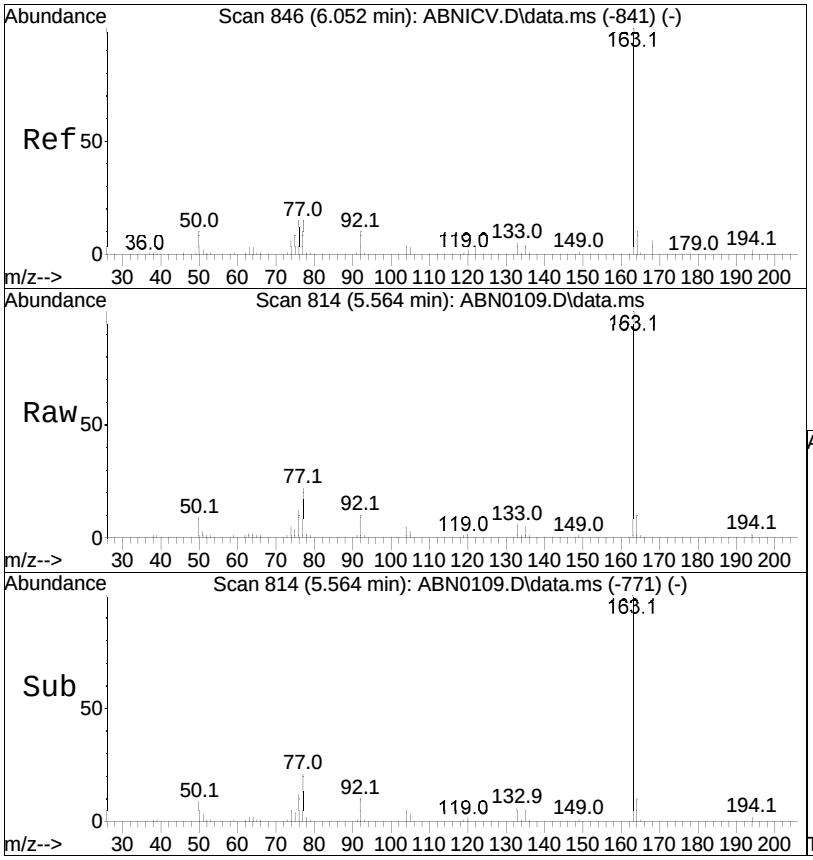


#50
1,3-Dinitrobenzene
Concen: 47.77 ug/ml
RT: 5.582 min Scan# 817
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:168 Resp: 44828

Ion	Ratio	Lower	Upper
168	100		
75	158.3	107.1	160.7

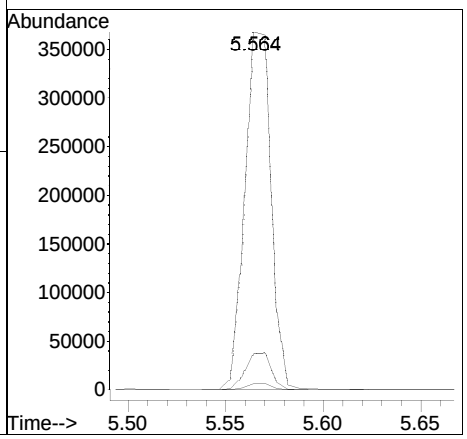


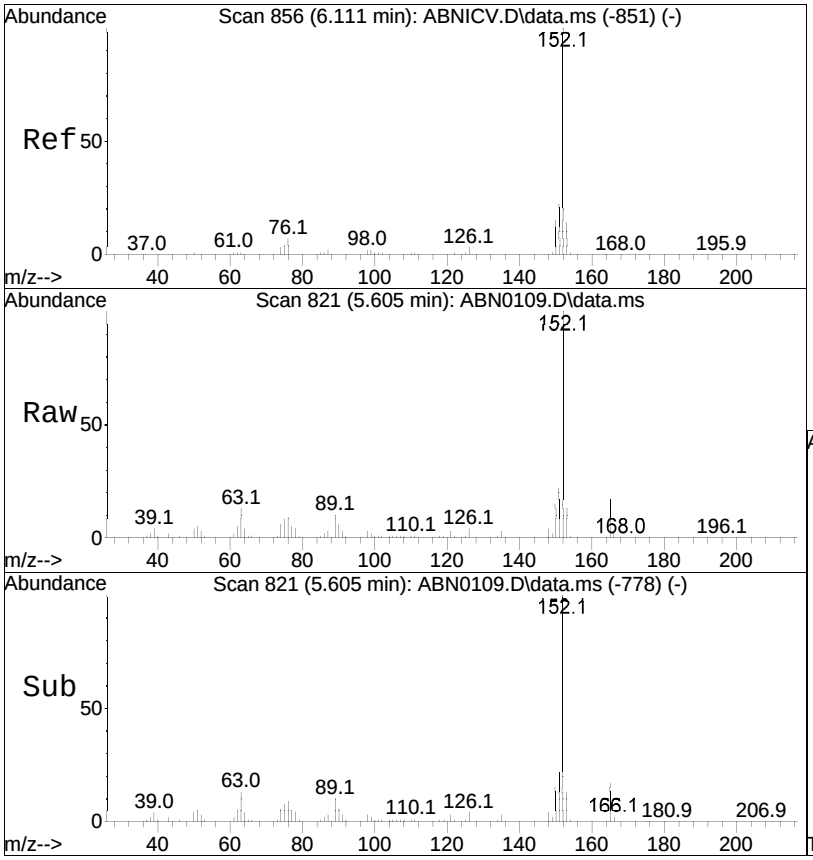


#51
Dimethyl phthalate
Concen: 44.59 ug/ml
RT: 5.564 min Scan# 814
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:163 Resp: 342000

Ion	Ratio	Lower	Upper
163	100		
194	1.8	3.4	5.2#
164	10.4	8.4	12.6

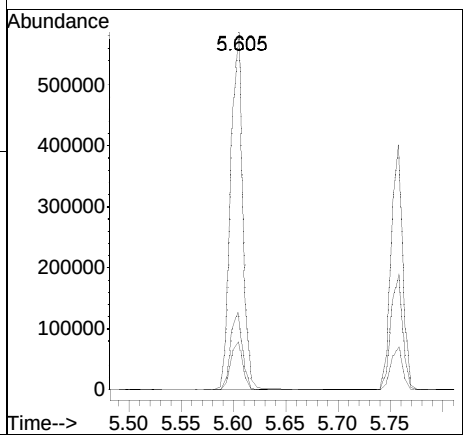


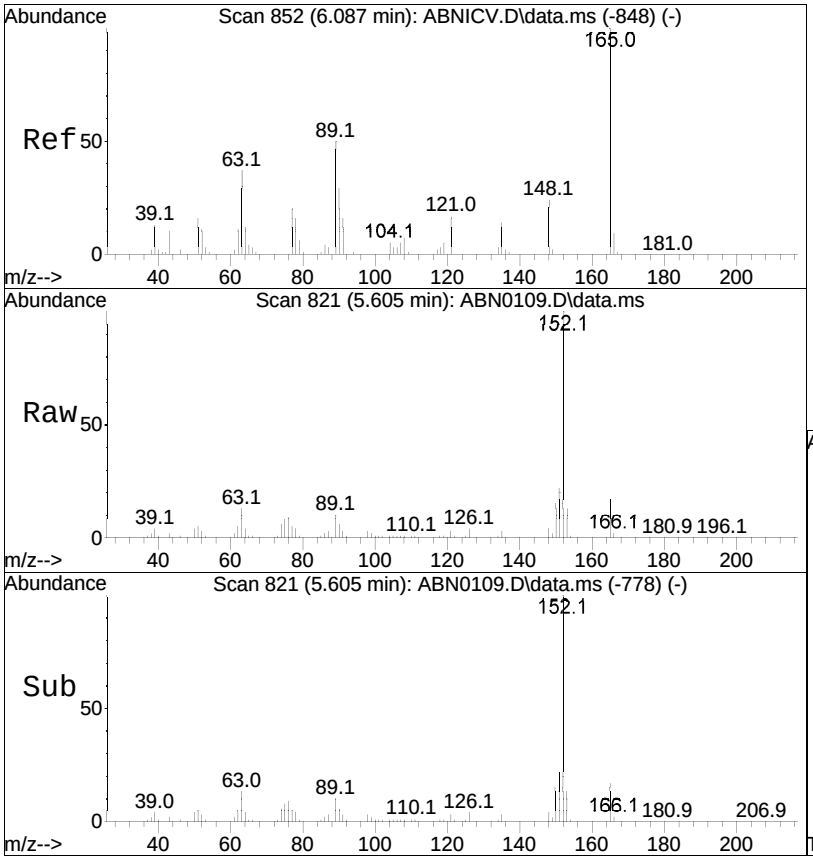


#52
Acenaphthylene
Concen: 48.03 ug/ml
RT: 5.605 min Scan# 821
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:152 Resp: 480425

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.7	25.1
153	13.3	11.1	16.7

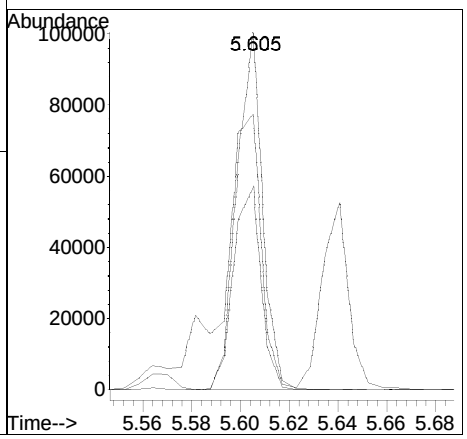


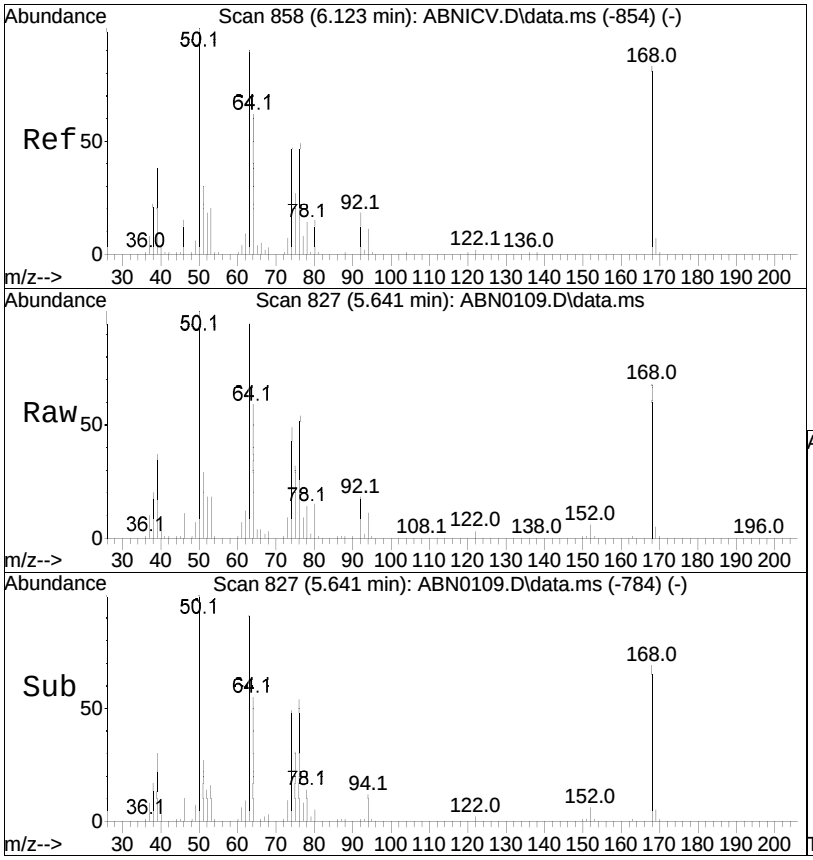


#53
2,6-Dinitrotoluene
Concen: 46.96 ug/ml
RT: 5.605 min Scan# 821
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:165 Resp: 73569

Ion	Ratio	Lower	Upper
165	100		
89	61.6	43.1	64.7
63	118.3	42.7	64.1#

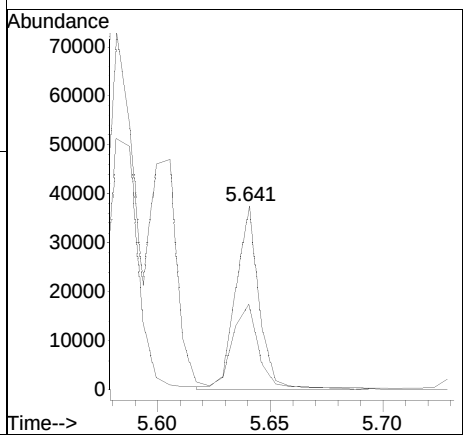


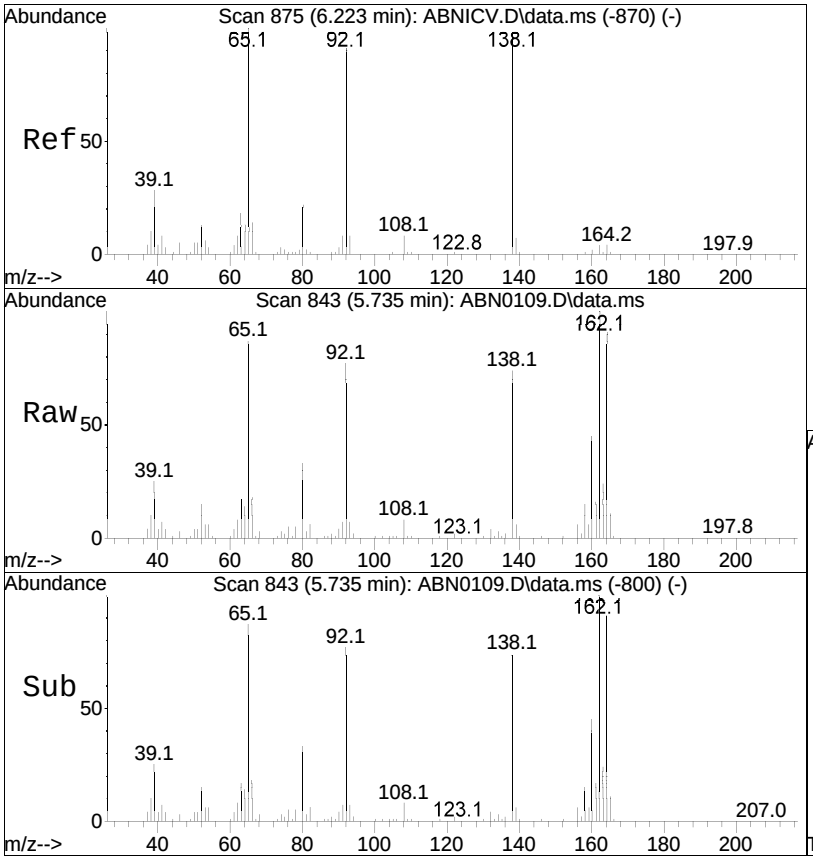


#54
1,2-Dinitrobenzene
Concen: 46.87 ug/ml M3
RT: 5.641 min Scan# 827
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:168 Resp: 27229

Ion	Ratio	Lower	Upper
168	100		
75	7.4	92.2	138.2#

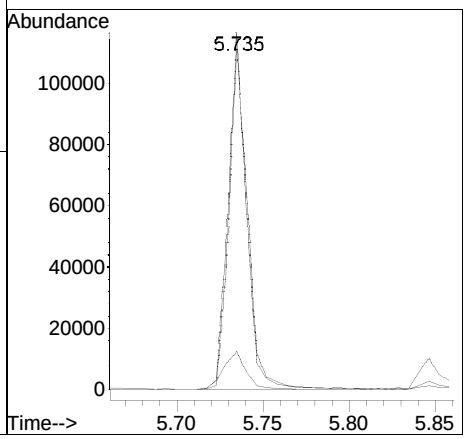


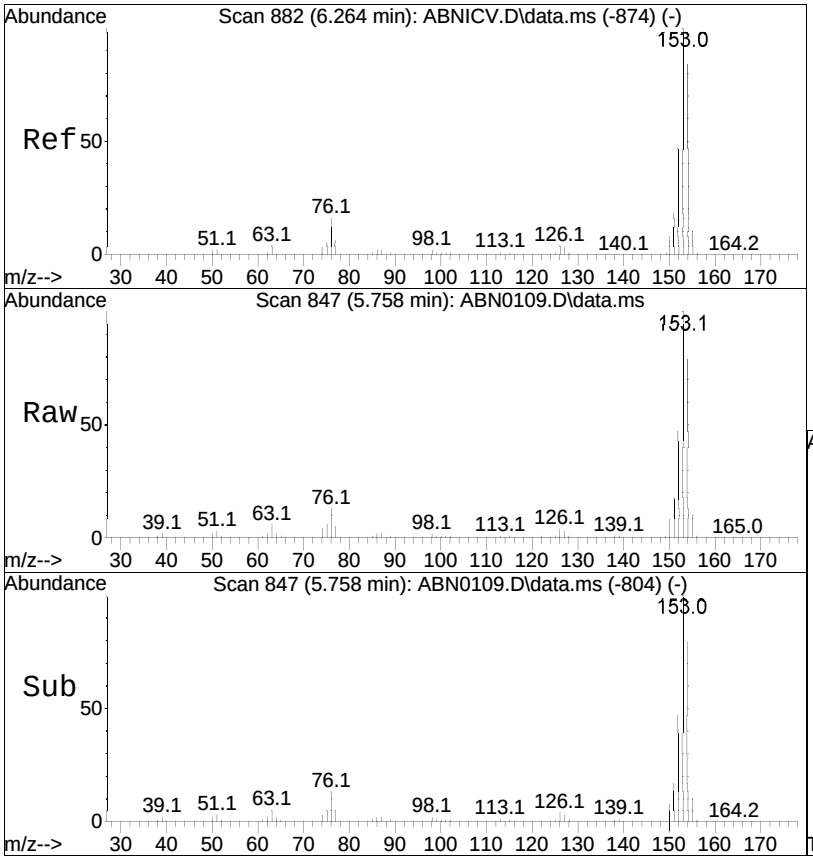


#64
3-Nitroaniline
Concen: 57.60 ug/ml
RT: 5.735 min Scan# 843
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:138 Resp: 83347

Ion	Ratio	Lower	Upper
138	100		
92	101.2	77.5	116.3
108	13.5	7.0	10.4#

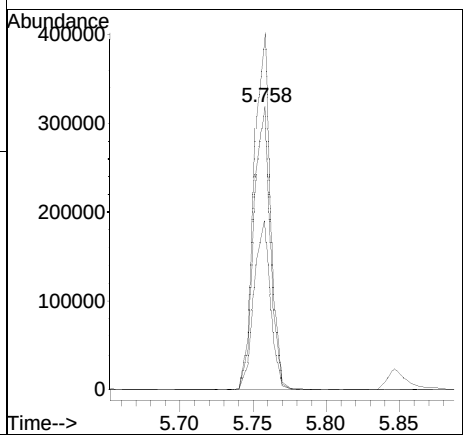


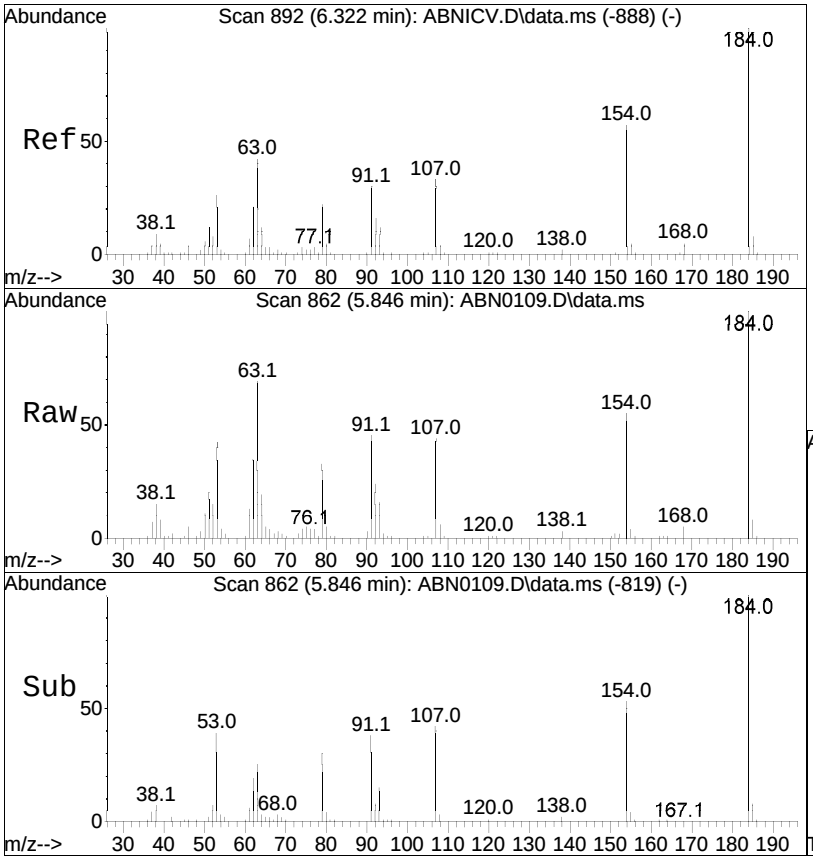


#65
Acenaphthene
Concen: 48.25 ug/ml
RT: 5.758 min Scan# 847
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:154 Resp: 251124

Ion	Ratio	Lower	Upper
154	100		
153	125.1	89.4	134.0
152	59.3	42.2	63.2

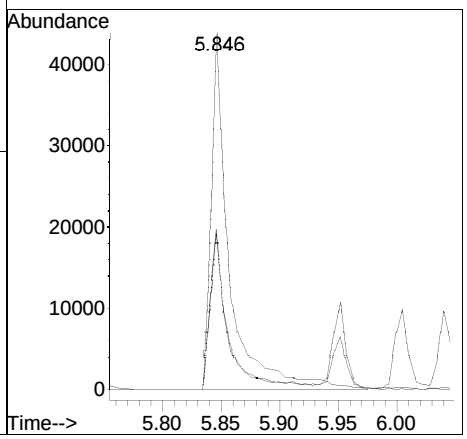


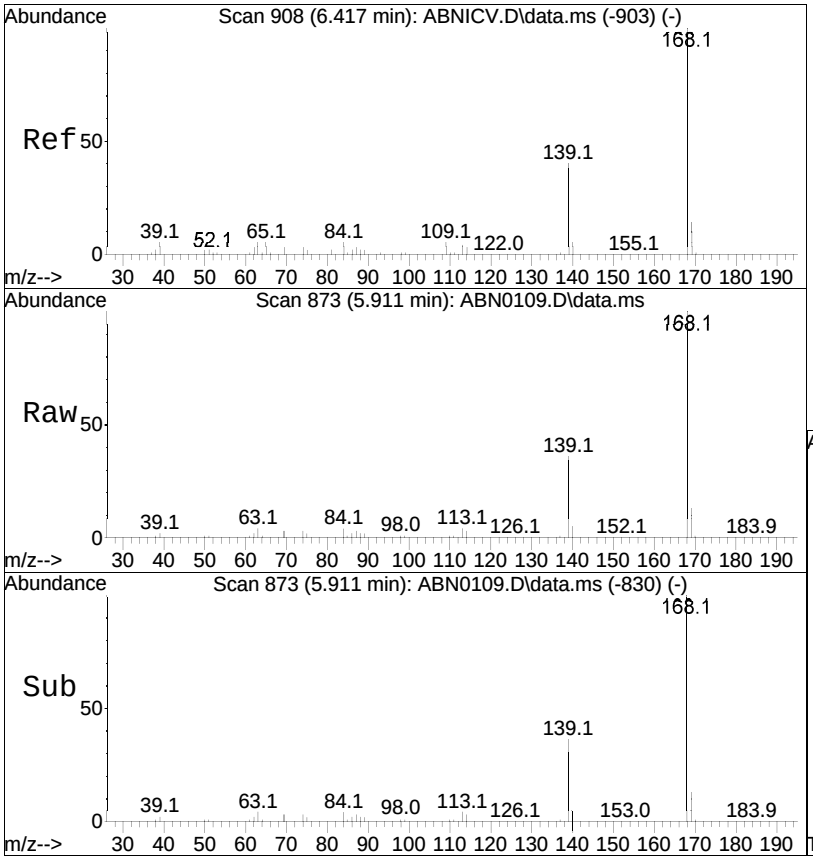


#66
2,4-Dinitrophenol
Concen: 50.93 ug/ml
RT: 5.846 min Scan# 862
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:184 Resp: 47393

Ion	Ratio	Lower	Upper
184	100		
107	44.3	31.4	47.2
91	44.5	37.2	55.8

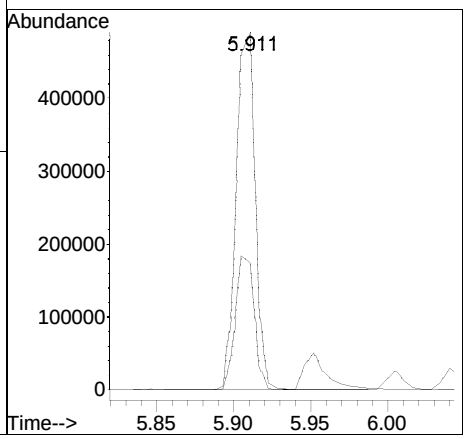


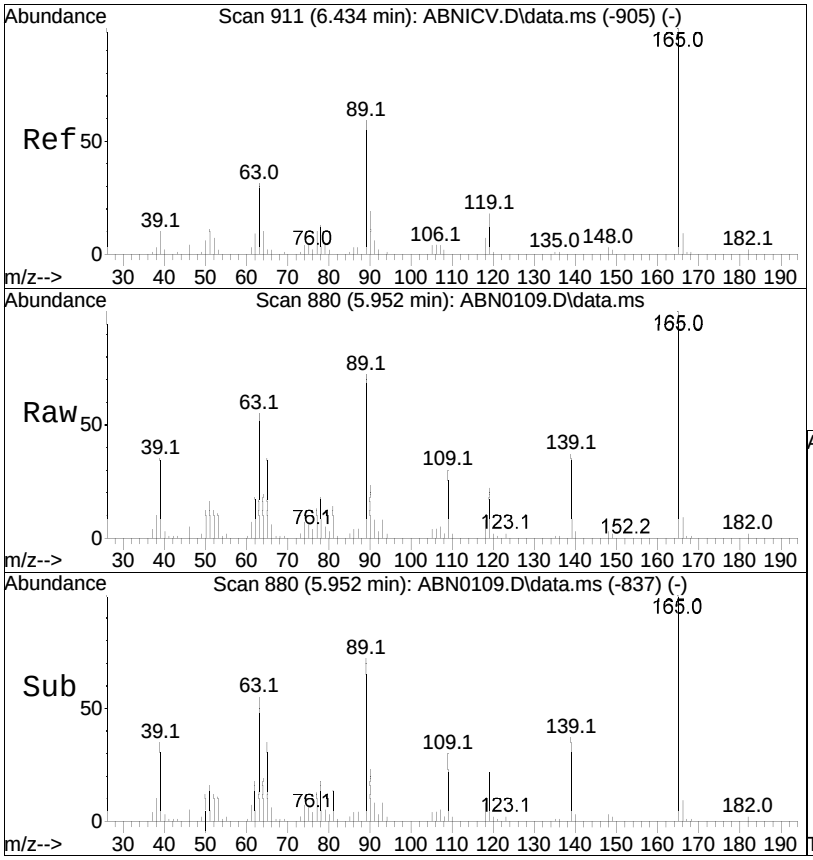


#67
Dibenzofuran
Concen: 48.30 ug/ml
RT: 5.911 min Scan# 873
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:168 Resp: 423297

Ion	Ratio	Lower	Upper
168	100		
139	37.2	28.0	42.0

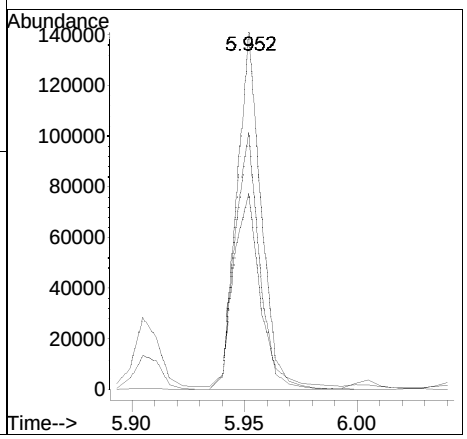


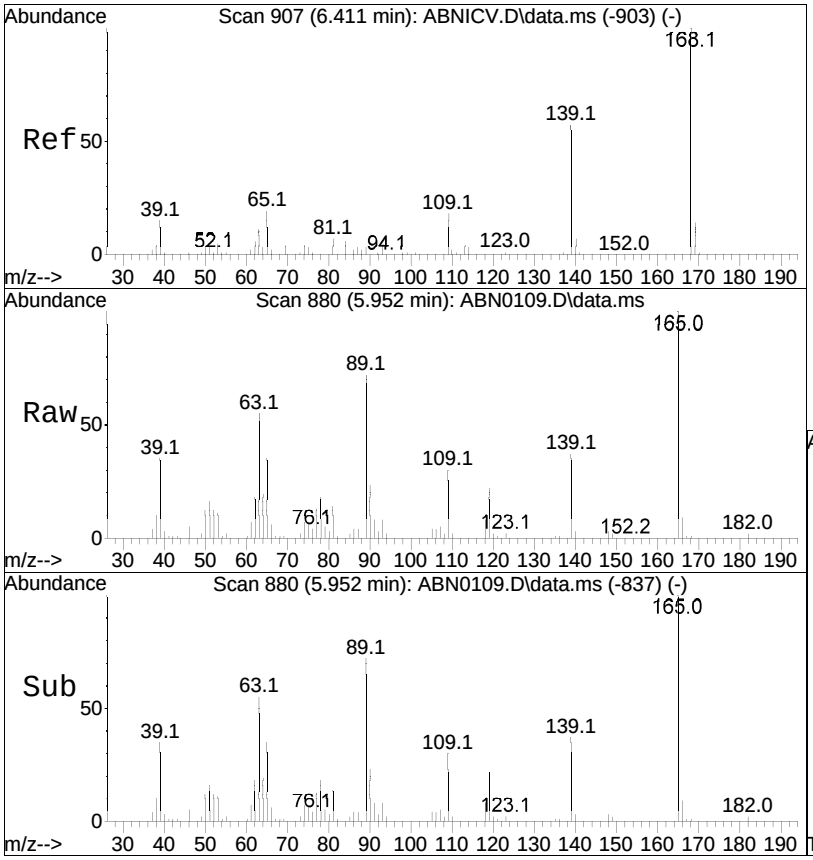


#68
2,4-Dinitrotoluene
Concen: 52.32 ug/ml
RT: 5.952 min Scan# 880
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:165 Resp: 105022

Ion	Ratio	Lower	Upper
165	100		
89	72.7	63.0	94.6
63	62.3	50.3	75.5

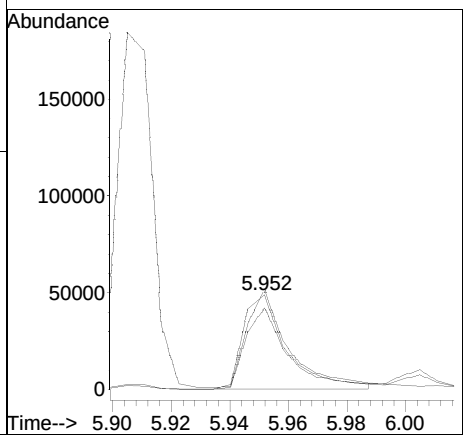


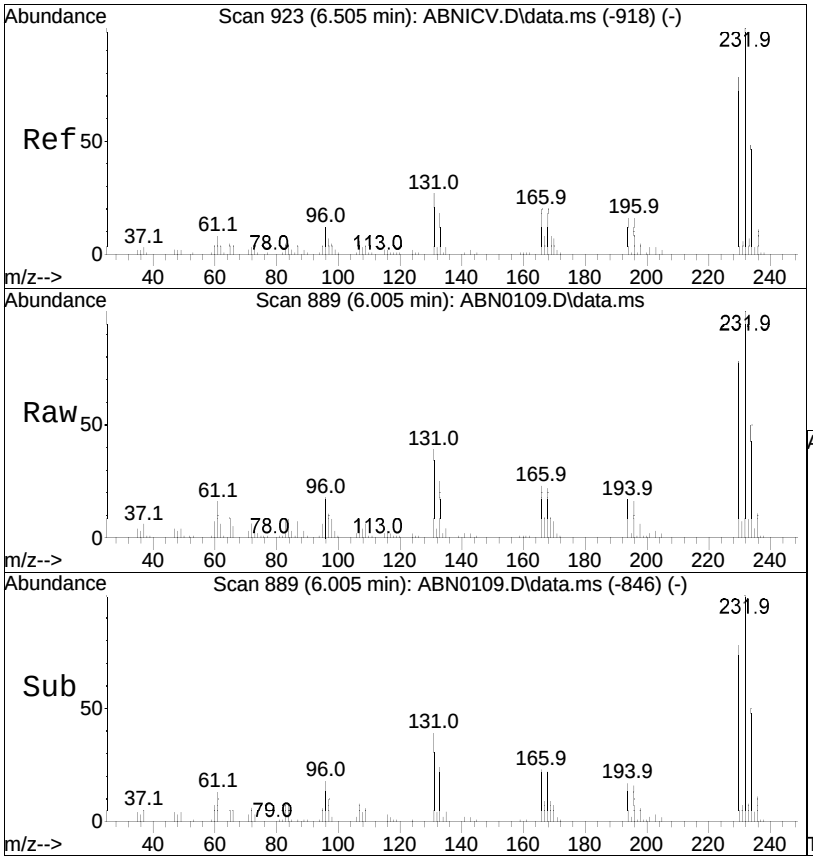


#69
4-Nitrophenol
Concen: 52.29 ug/ml
RT: 5.952 min Scan# 880
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion: 65 Resp: 51168

Ion	Ratio	Lower	Upper
65	100		
109	86.7	55.3	82.9#
139	109.6	95.1	142.7

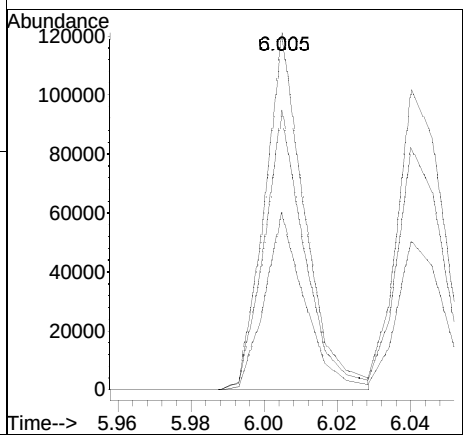


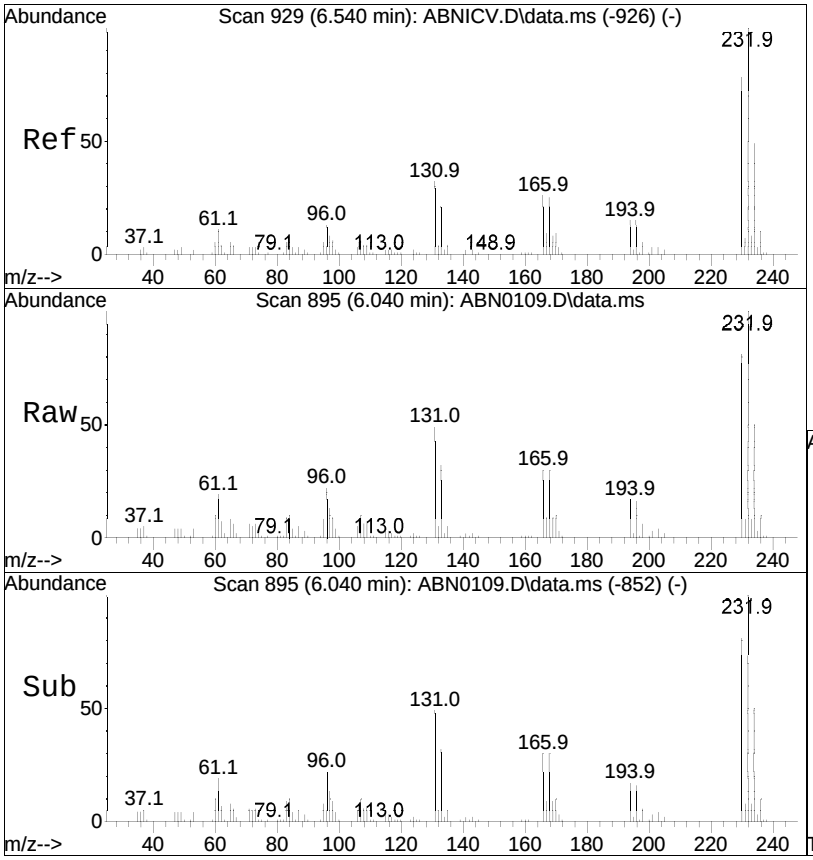


#70
2,3,5,6-Tetrachlorophenol
Concen: 43.10 ug/ml
RT: 6.005 min Scan# 889
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:232 Resp: 92219

Ion	Ratio	Lower	Upper
232	100		
230	79.0	64.4	96.6
234	49.9	38.9	58.3

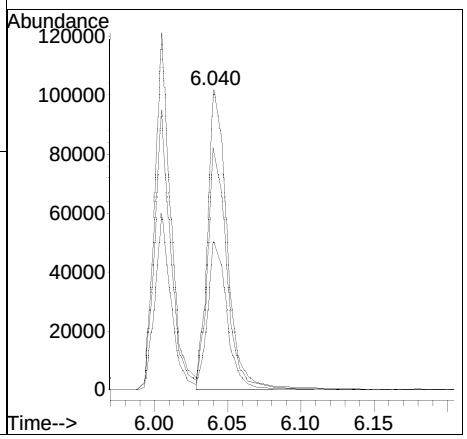


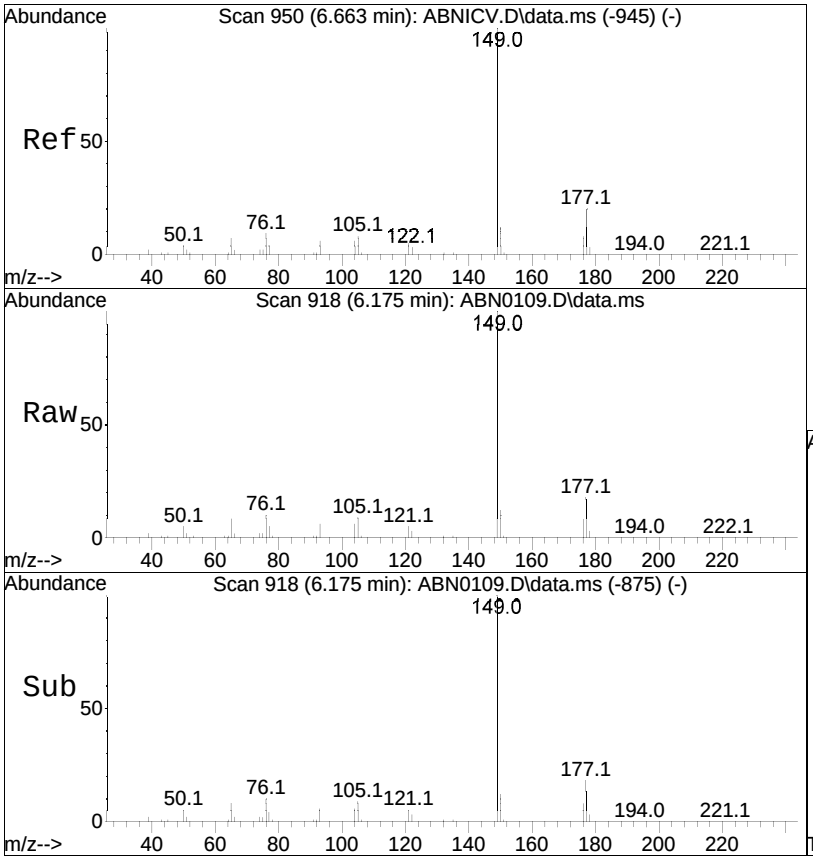


#71
2,3,4,6-Tetrachlorophenol
Concen: 45.06 ug/ml
RT: 6.040 min Scan# 895
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:232 Resp: 95511

Ion	Ratio	Lower	Upper
232	100		
230	78.7	64.2	96.4
234	49.6	38.4	57.6

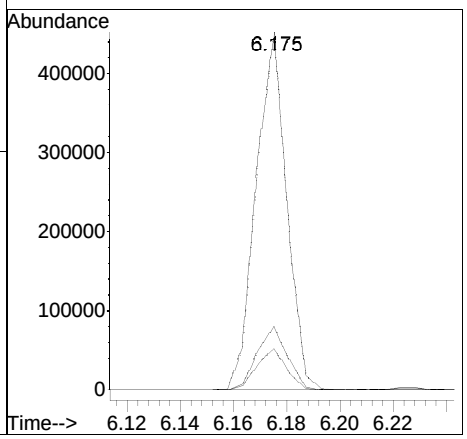


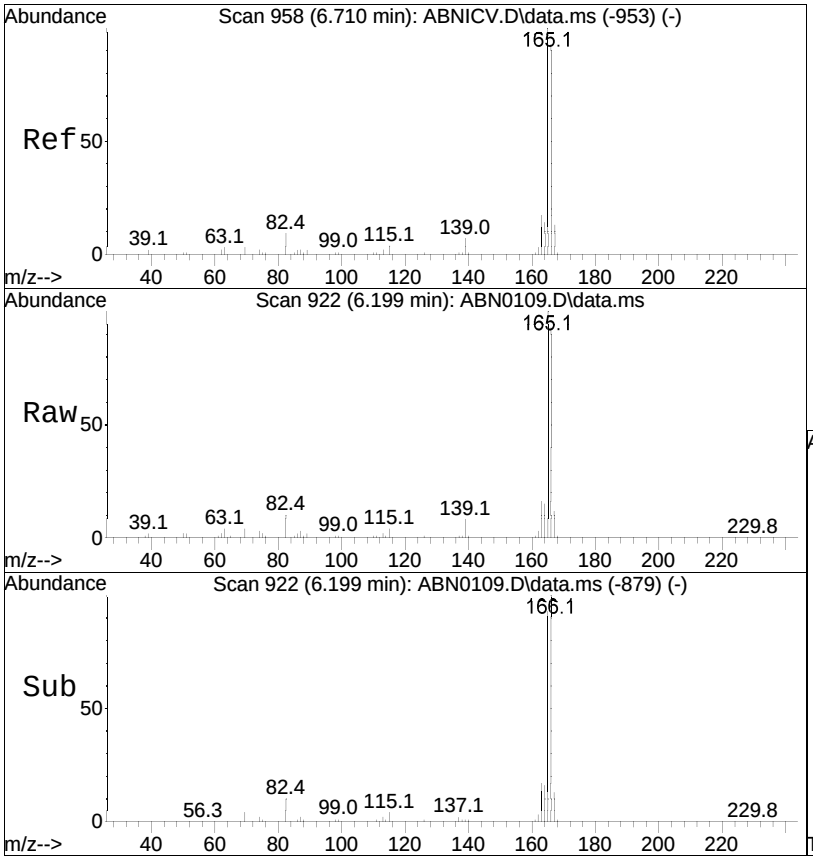


#72
Diethyl phthalate
Concen: 51.06 ug/ml
RT: 6.175 min Scan# 918
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:149 Resp: 355202

Ion	Ratio	Lower	Upper
149	100		
177	17.8	16.2	24.2
150	11.7	9.4	14.0

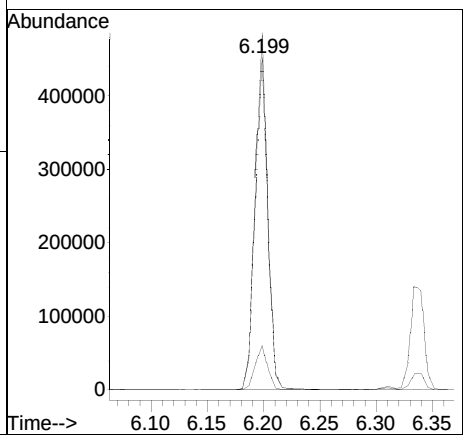


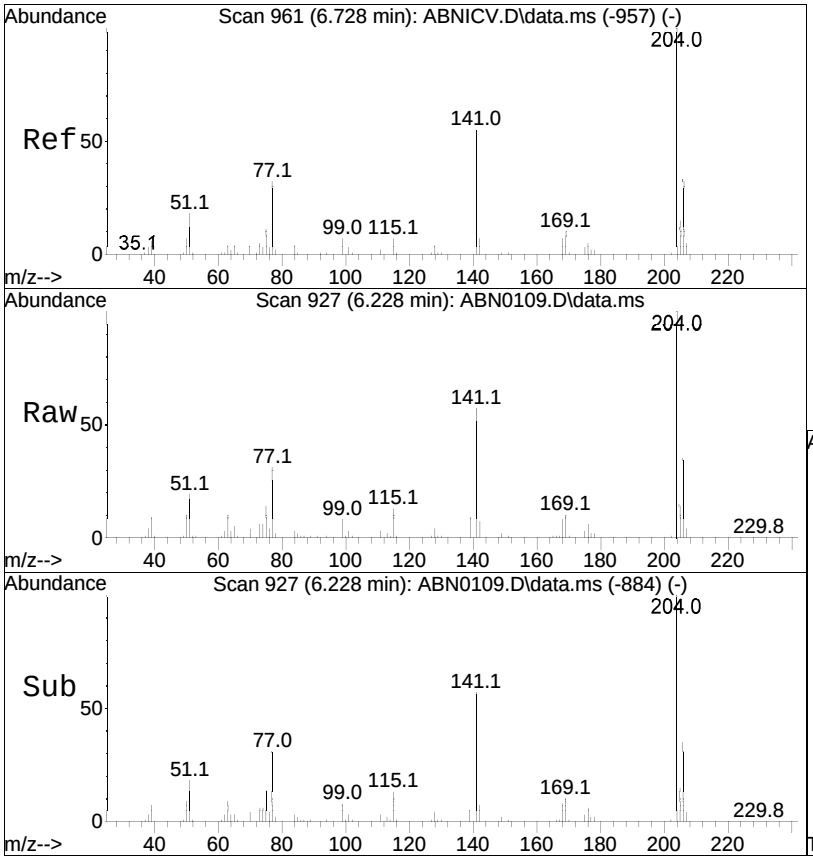


#73
Fluorene
Concen: 50.63 ug/ml
RT: 6.199 min Scan# 922
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:166 Resp: 348918

Ion	Ratio	Lower	Upper
166	100		
165	106.4	77.2	115.8
167	13.6	10.9	16.3

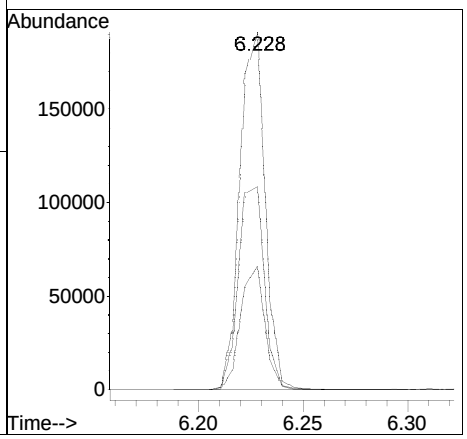


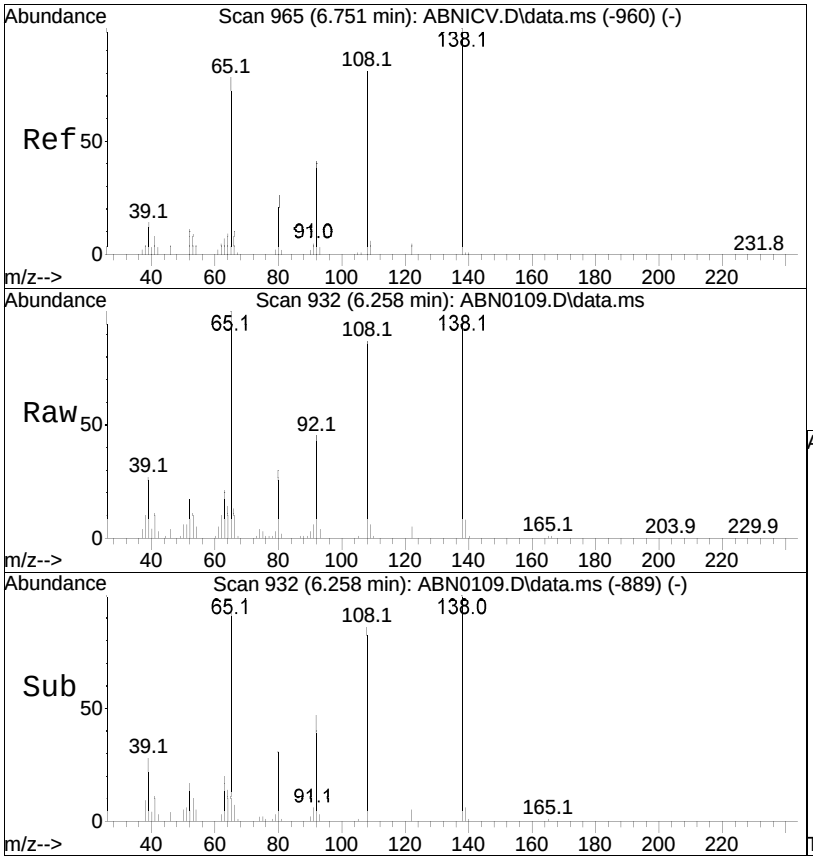


#74
4-Chlorophenyl phenyl ether
Concen: 43.77 ug/ml
RT: 6.228 min Scan# 927
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:204 Resp: 158422

Ion	Ratio	Lower	Upper
204	100		
206	33.8	27.0	40.6
141	59.1	42.2	63.2

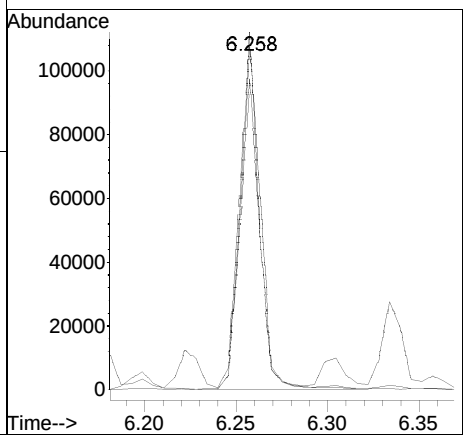


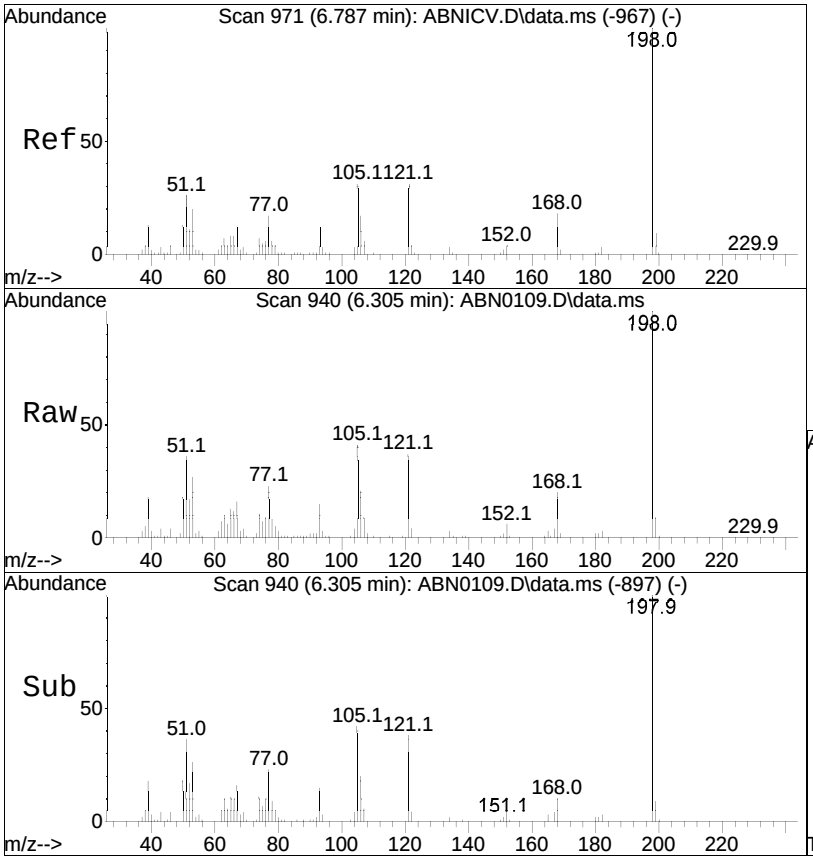


#75
4-Nitroaniline
Concen: 58.94 ug/ml
RT: 6.258 min Scan# 932
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:138 Resp: 82337

Ion	Ratio	Lower	Upper
138	100		
108	86.9	46.7	70.1#
65	97.9	81.2	121.8

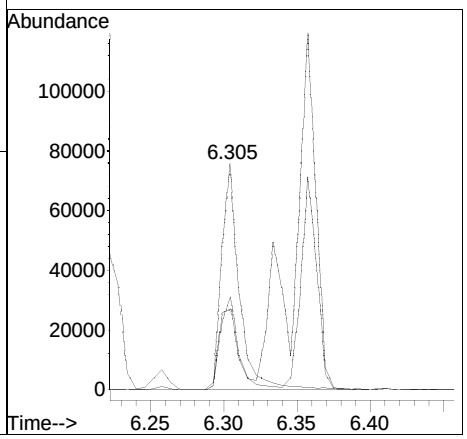


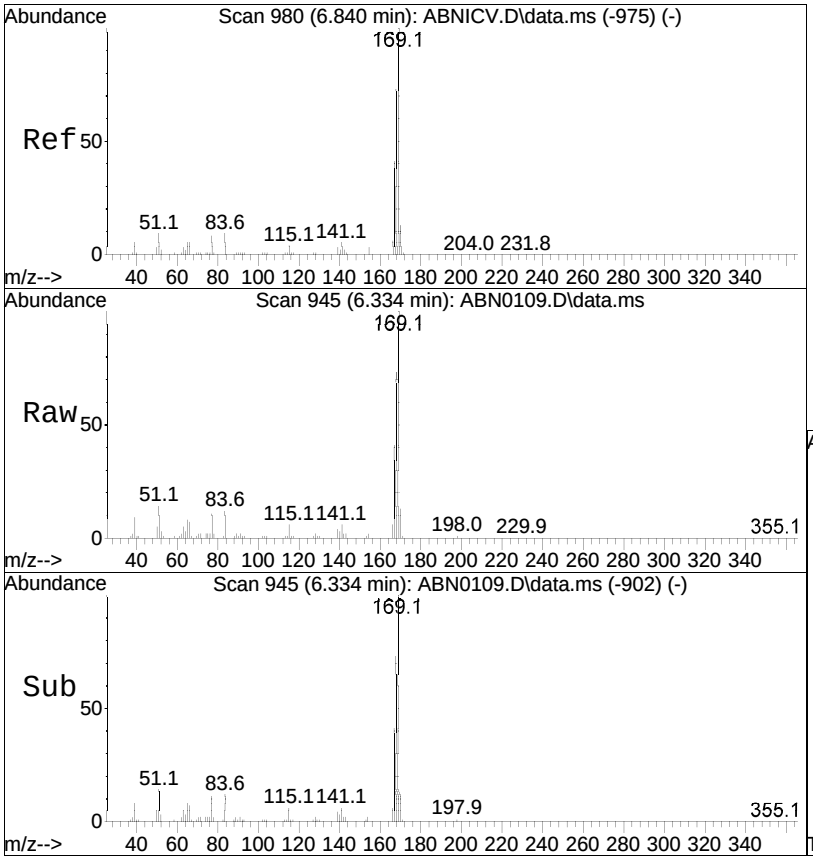


#76
4,6-Dinitro-o-cresol
Concen: 53.70 ug/ml
RT: 6.305 min Scan# 940
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:198 Resp: 65077

Ion	Ratio	Lower	Upper
198	100		
51	38.6	35.0	52.6
105	41.0	32.3	48.5

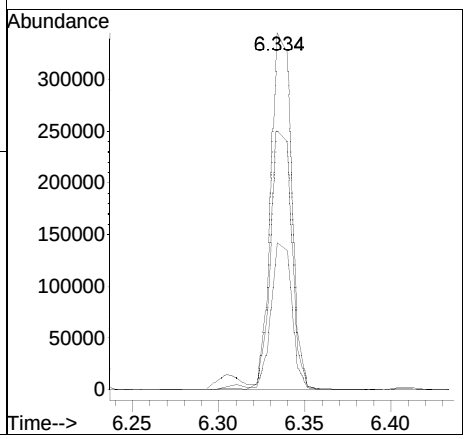


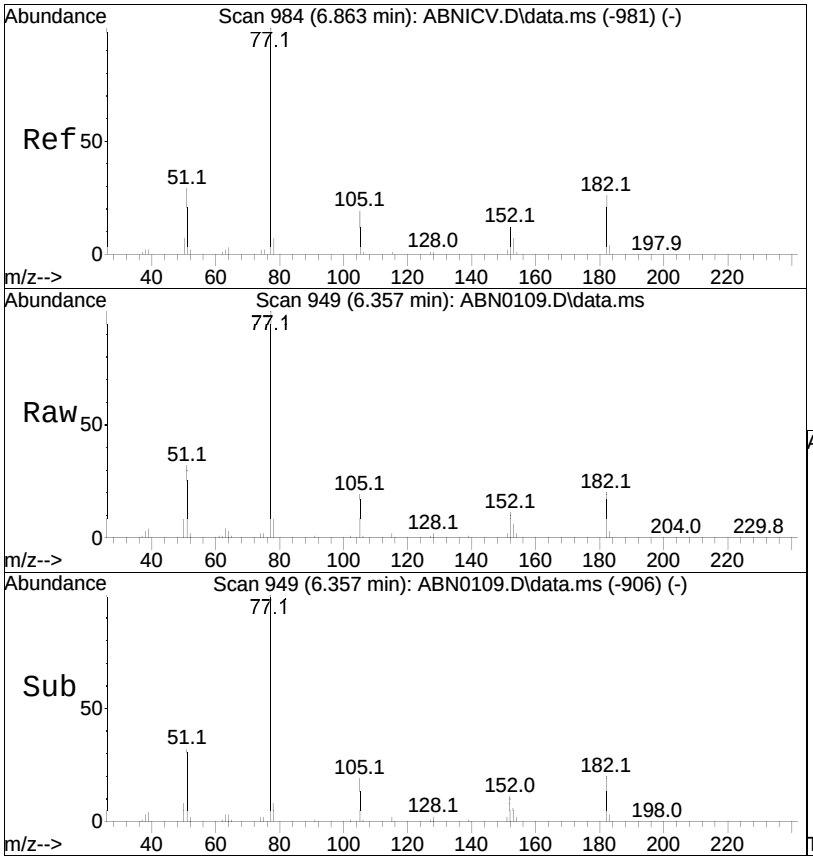


#77
NDPA/DPA
Concen: 49.24 ug/ml
RT: 6.334 min Scan# 945
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:169 Resp: 292710

Ion	Ratio	Lower	Upper
169	100		
168	73.1	54.6	82.0
167	42.5	30.7	46.1

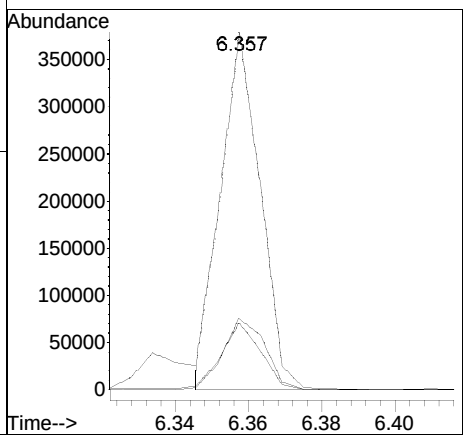


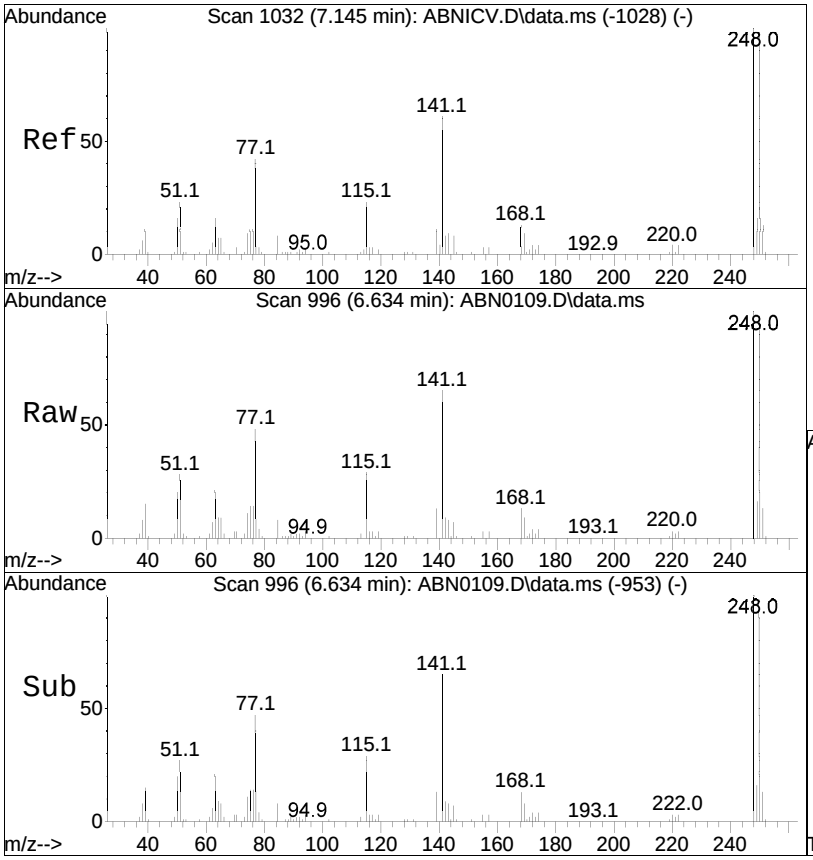


#78
Azobenzene
Concen: 54.85 ug/ml M6
RT: 6.357 min Scan# 949
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion: 77 Resp: 283030

Ion	Ratio	Lower	Upper
77	100		
182	21.6	19.8	29.8
105	18.9	12.1	18.1#

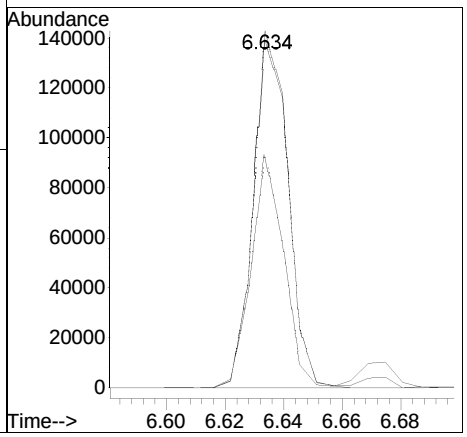


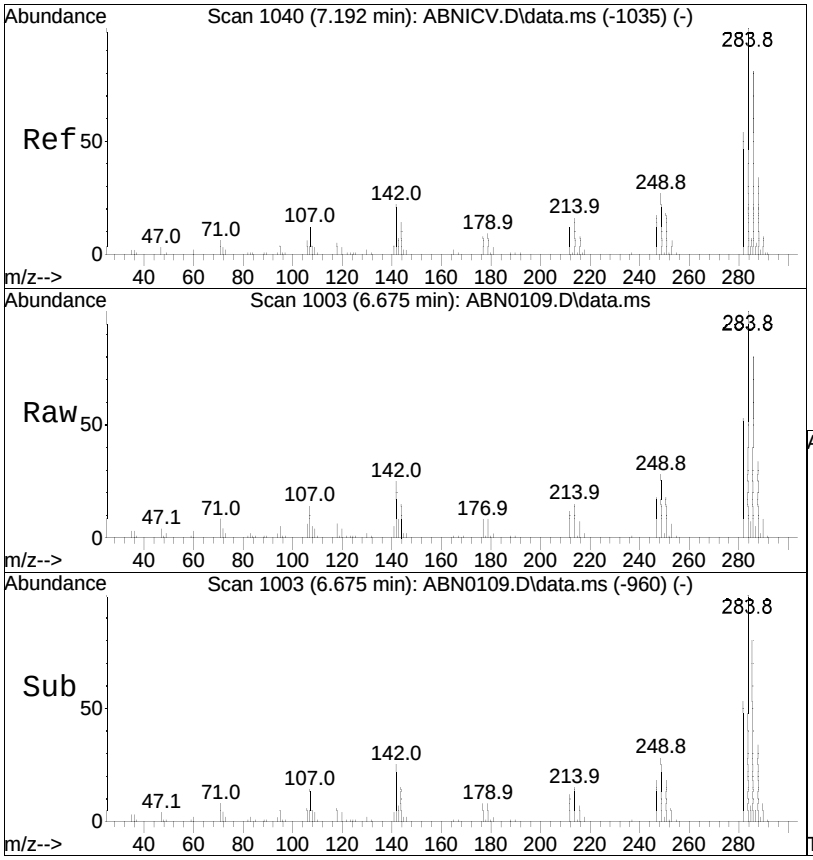


#80
4-Bromophenyl phenyl ether
Concen: 46.12 ug/ml
RT: 6.634 min Scan# 996
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:248 Resp: 116748

Ion	Ratio	Lower	Upper
248	100		
141	61.8	46.6	70.0
250	98.4	79.4	119.2

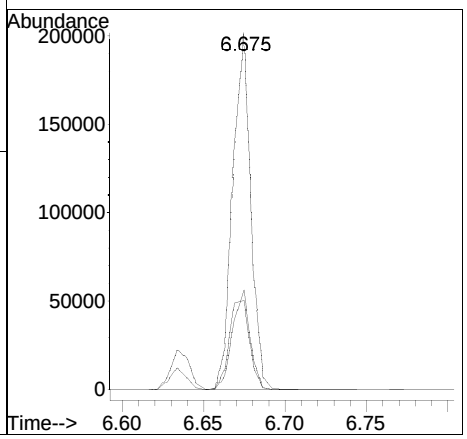


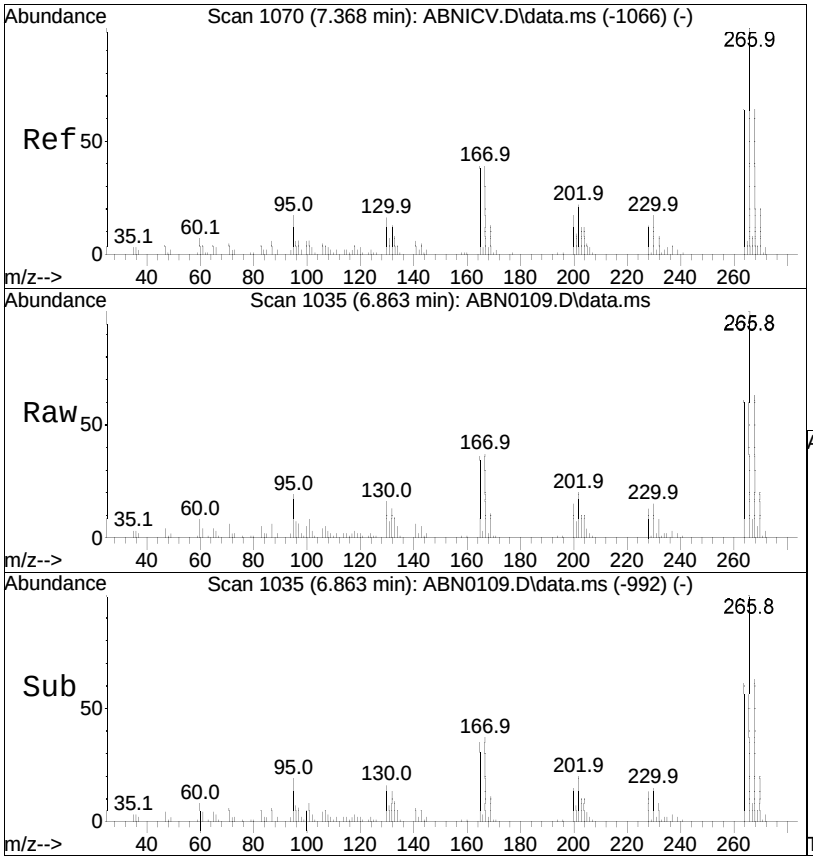


#81
Hexachlorobenzene
Concen: 49.84 ug/ml
RT: 6.675 min Scan# 1003
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:284 Resp: 155251

Ion	Ratio	Lower	Upper
284	100		
142	28.7	26.0	39.0
249	27.6	20.6	30.8

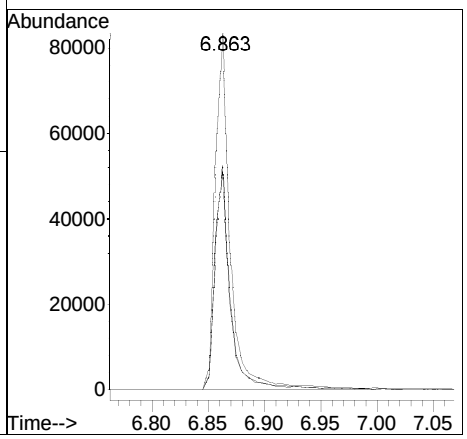


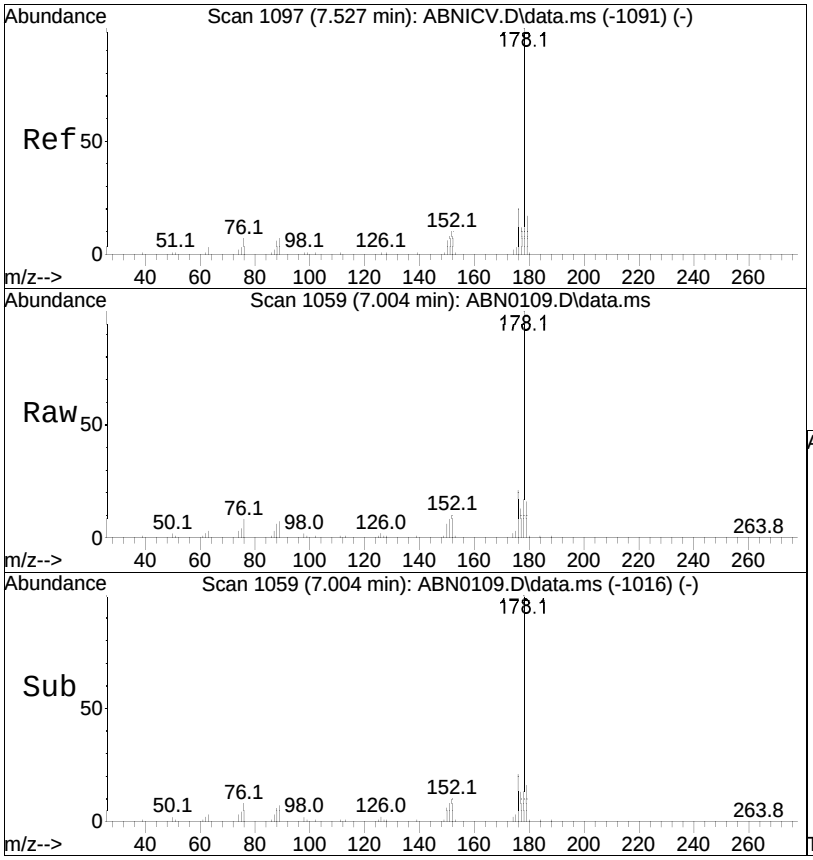


#82
Pentachlorophenol
Concen: 45.45 ug/ml
RT: 6.863 min Scan# 1035
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:266 Resp: 77704

Ion	Ratio	Lower	Upper
266	100		
264	60.5	51.2	76.8
268	63.7	51.5	77.3

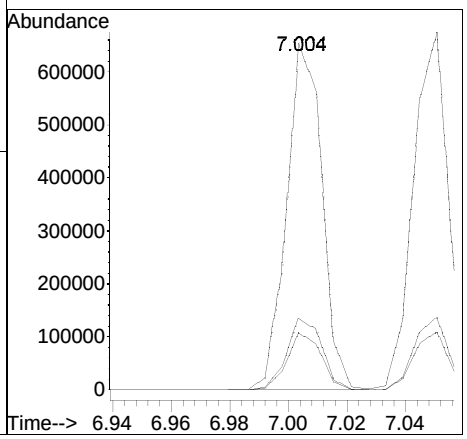


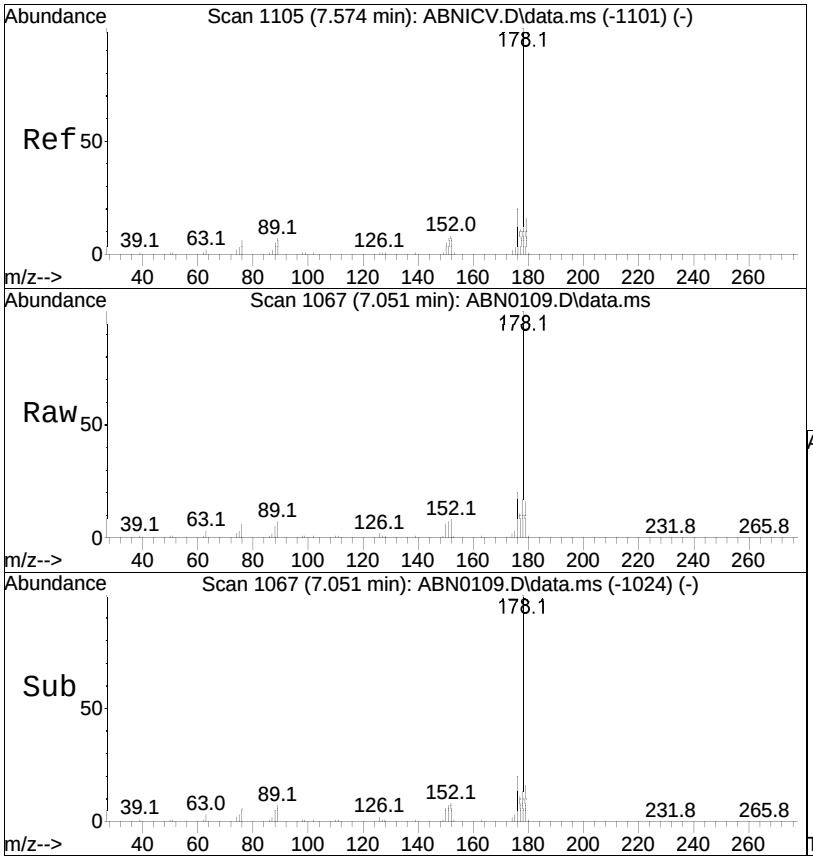


#89
Phenanthrene
Concen: 48.40 ug/ml
RT: 7.004 min Scan# 1059
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:178 Resp: 548741

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.7	19.1
176	20.5	15.8	23.6

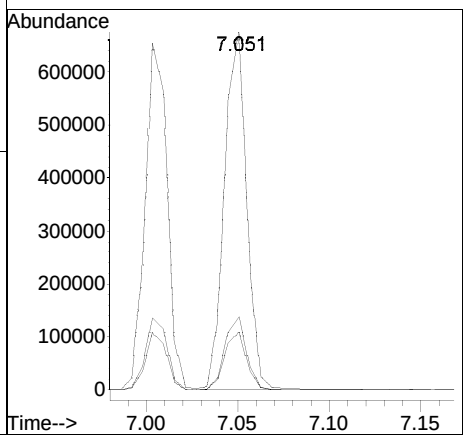


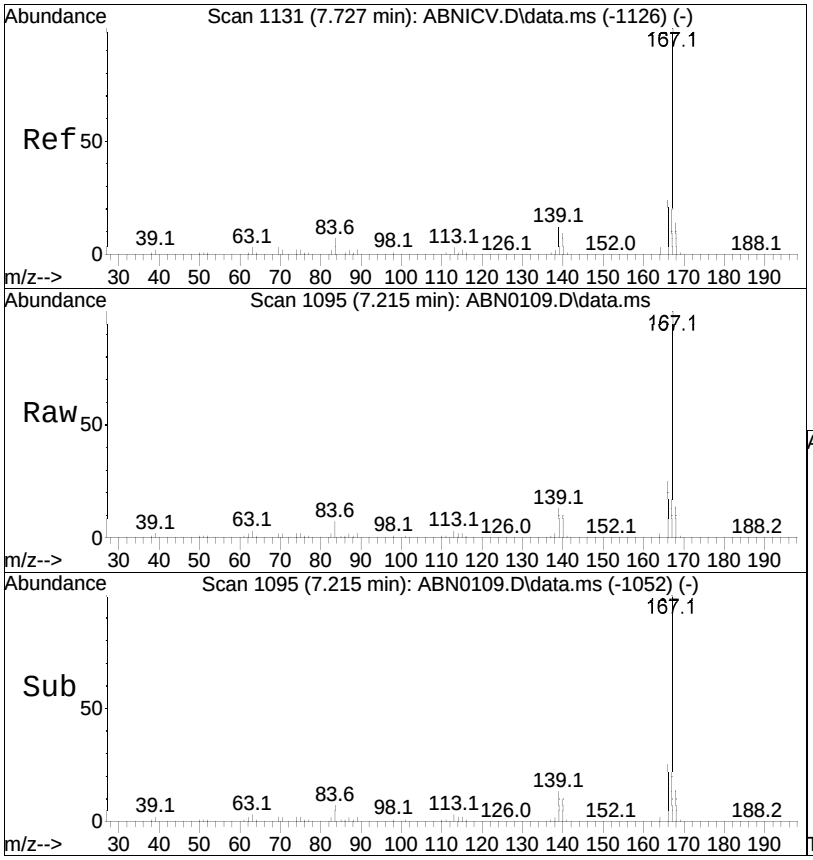


#90
Anthracene
Concen: 50.13 ug/ml
RT: 7.051 min Scan# 1067
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:178 Resp: 571570

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.5	18.7
176	20.0	15.4	23.0

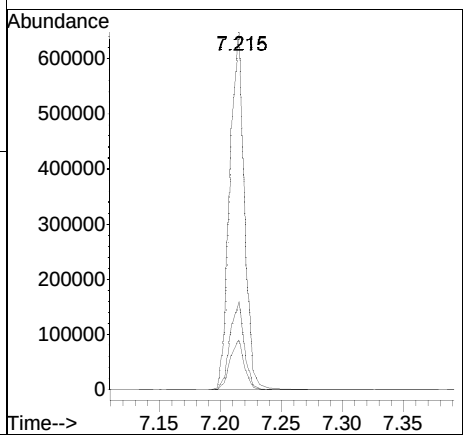


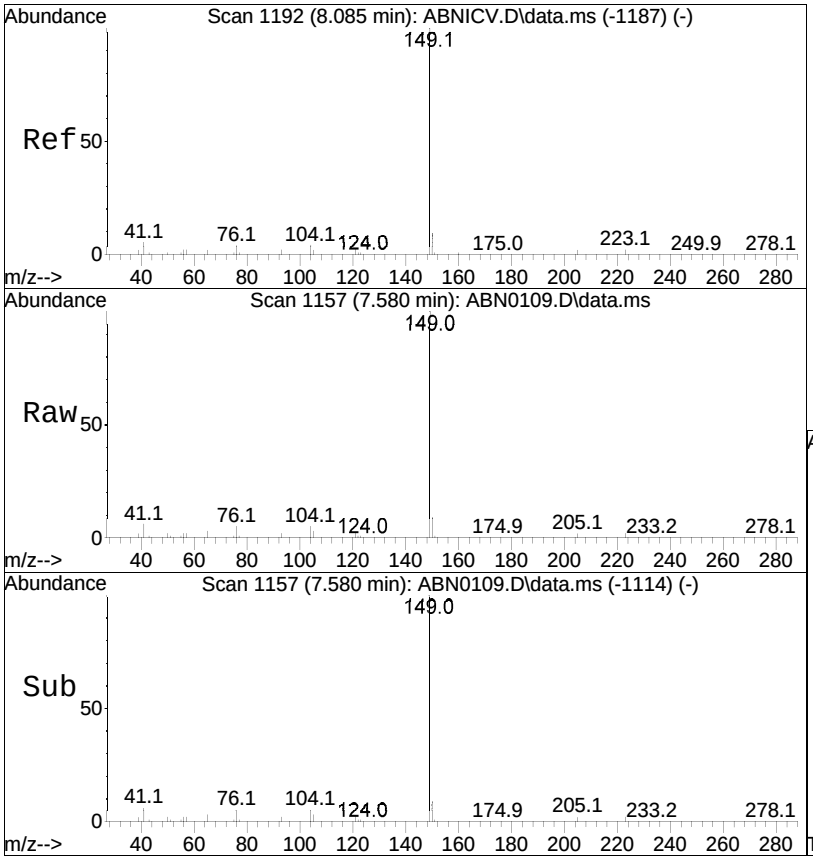


#91
Carbazole
Concen: 50.64 ug/ml
RT: 7.215 min Scan# 1095
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:167 Resp: 531396

Ion	Ratio	Lower	Upper
167	100		
168	13.8	11.3	16.9
166	24.3	17.8	26.8

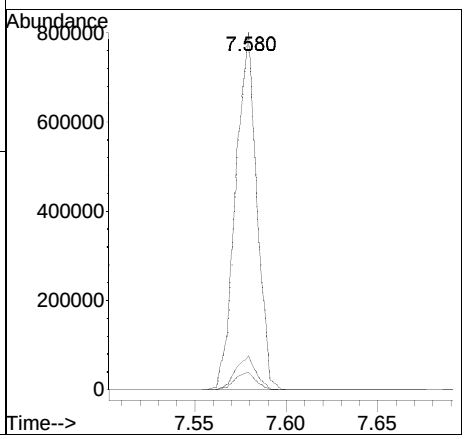


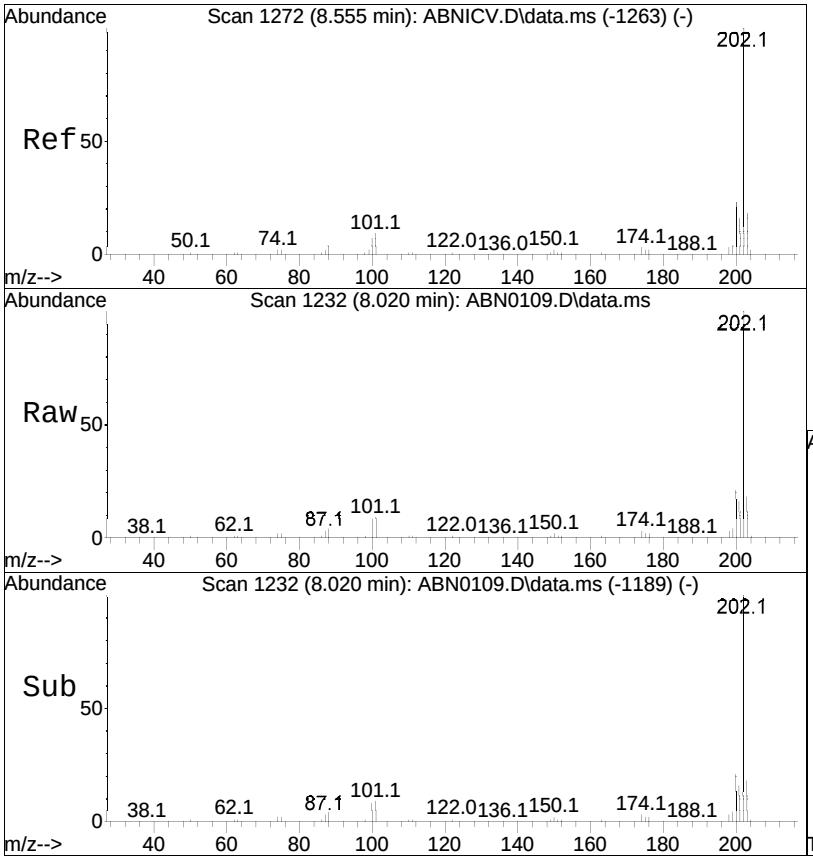


#92
Di-n-butylphthalate
Concen: 52.63 ug/ml
RT: 7.580 min Scan# 1157
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:149 Resp: 632616

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	5.1	3.8	5.8

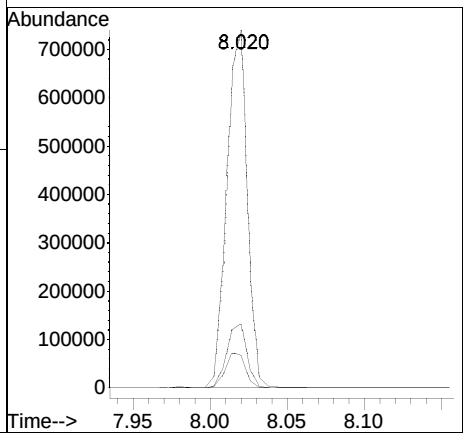


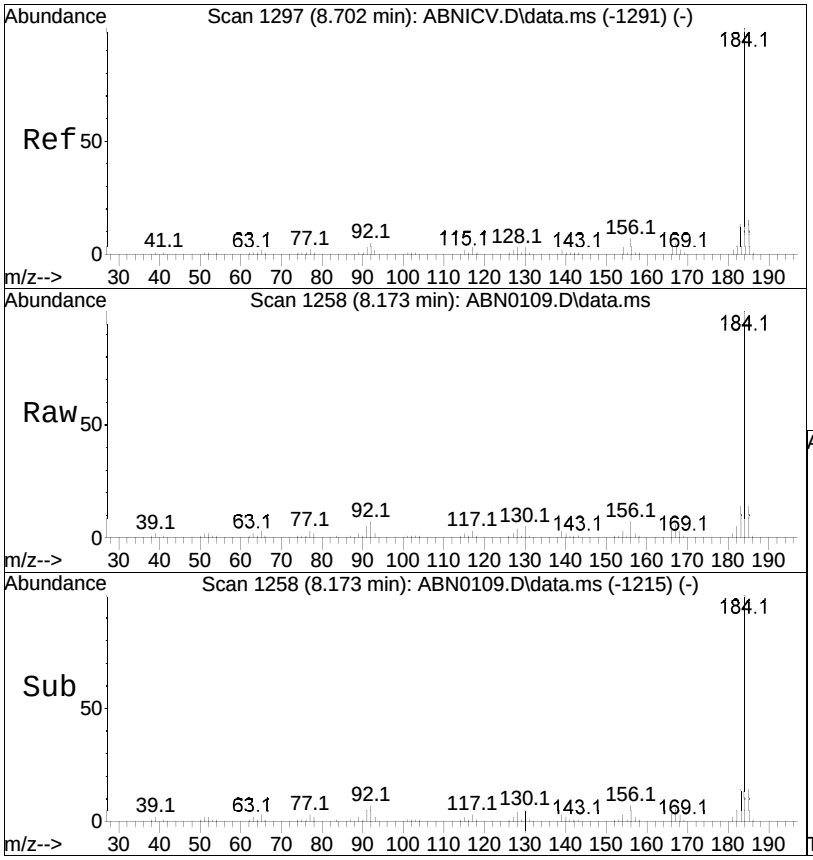


#93
Fluoranthene
Concen: 47.36 ug/ml
RT: 8.020 min Scan# 1232
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:202 Resp: 671899

Ion	Ratio	Lower	Upper
202	100		
101	9.8	12.6	19.0#
203	17.9	14.4	21.6

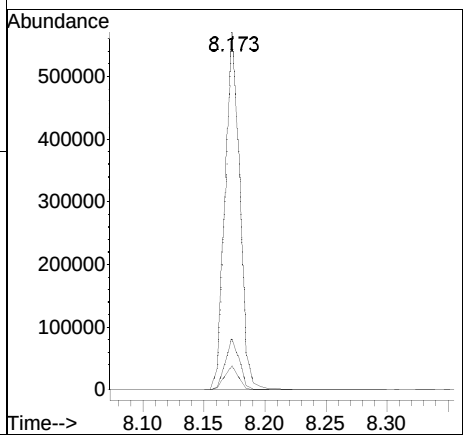


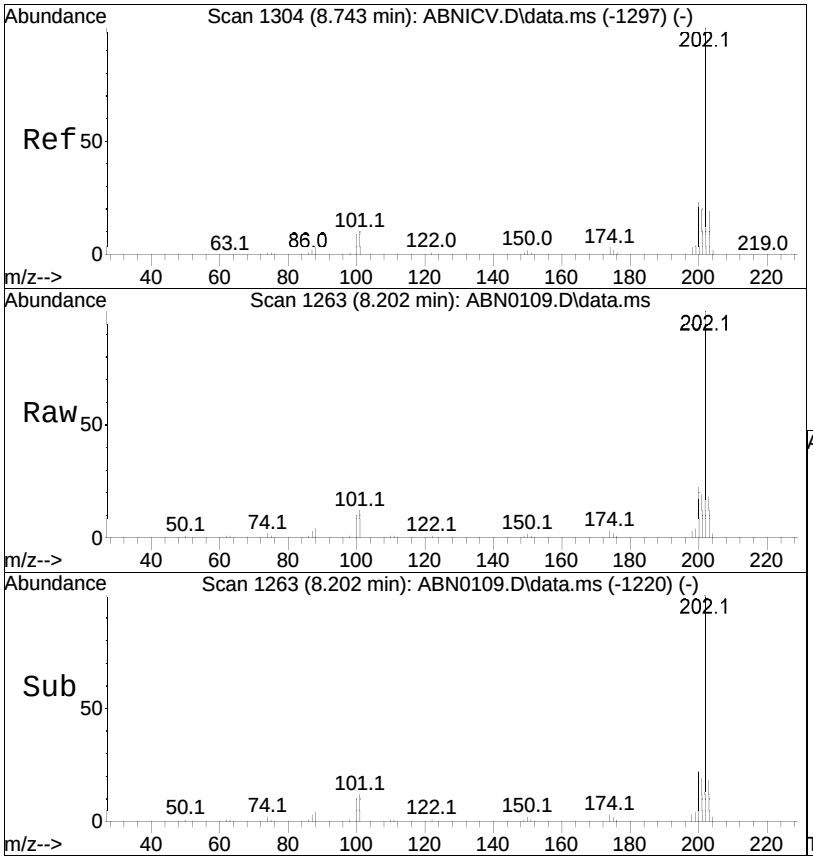


#94
Benzidine
Concen: 48.92 ug/ml
RT: 8.173 min Scan# 1258
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:184 Resp: 471928

Ion	Ratio	Lower	Upper
184	100		
92	6.4	8.4	12.6#
185	14.0	11.5	17.3

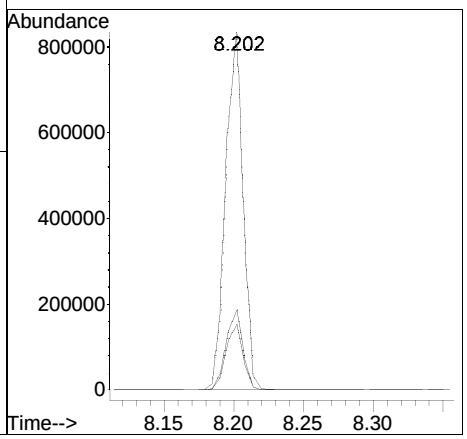


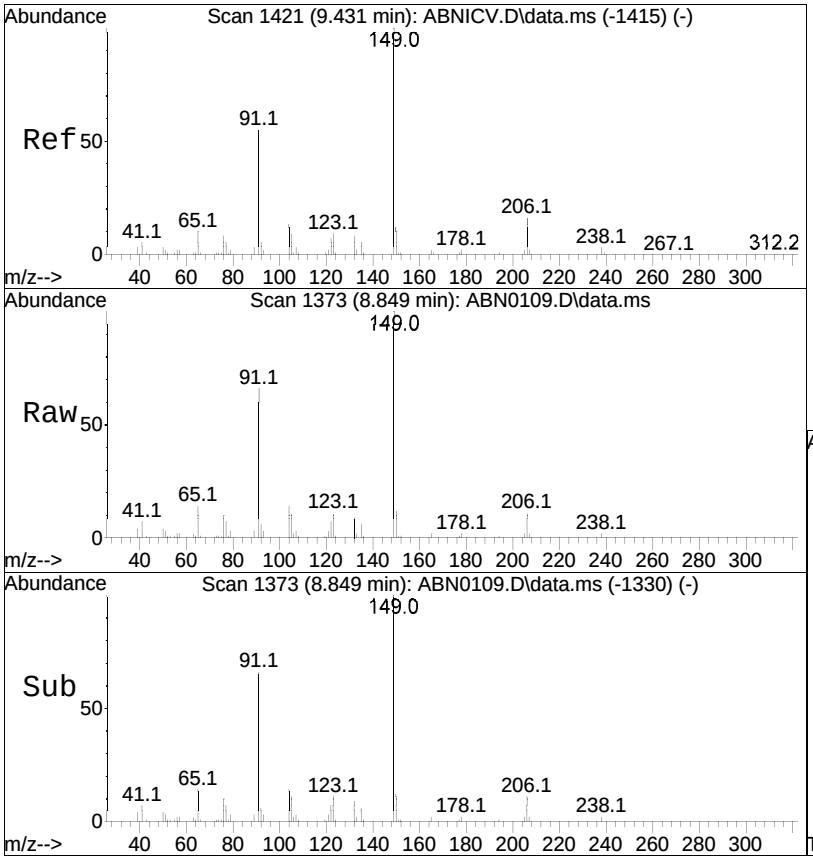


#95
Pyrene
Concen: 48.19 ug/ml
RT: 8.202 min Scan# 1263
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:202 Resp: 714438

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.2	25.8
203	18.2	15.0	22.6

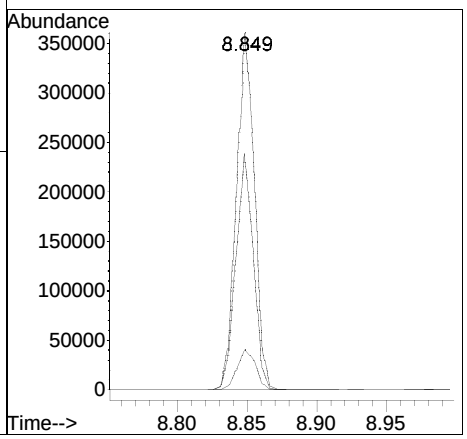


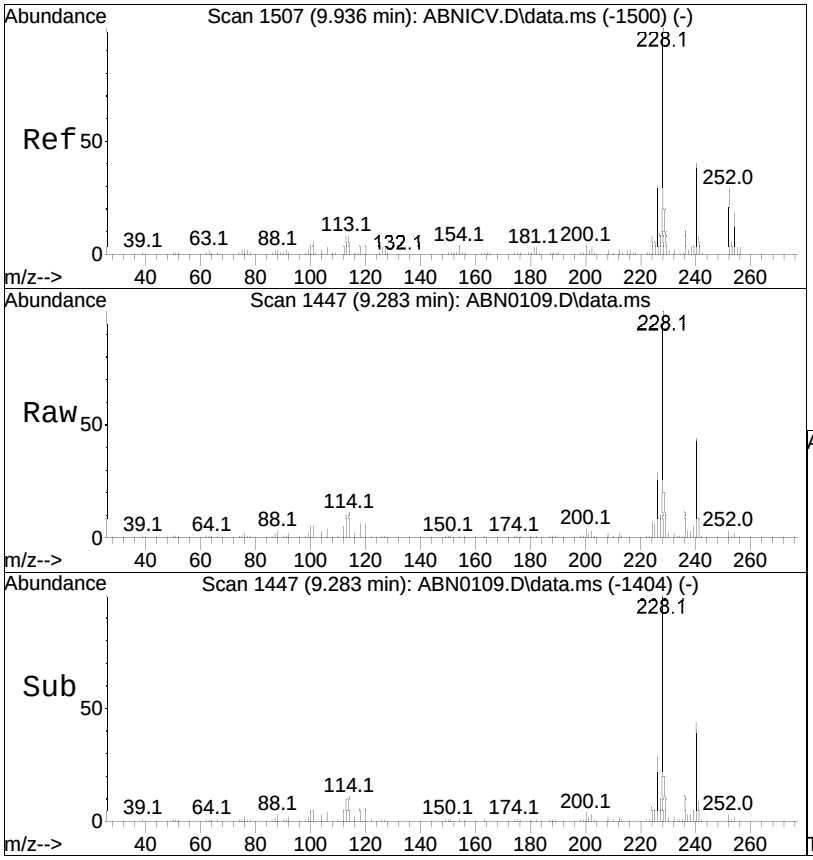


#97
Butyl benzyl phthalate
Concen: 55.38 ug/ml
RT: 8.849 min Scan# 1373
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:149 Resp: 318182

Ion	Ratio	Lower	Upper
149	100		
91	64.3	53.4	80.2
206	11.7	13.3	19.9#

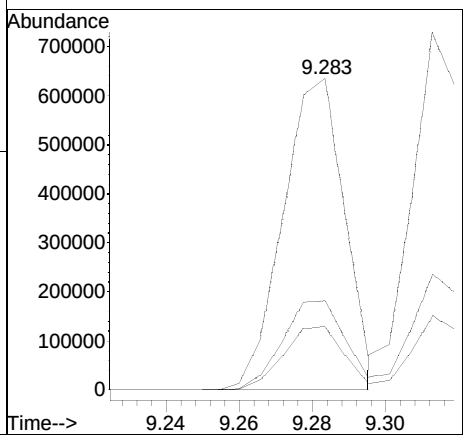


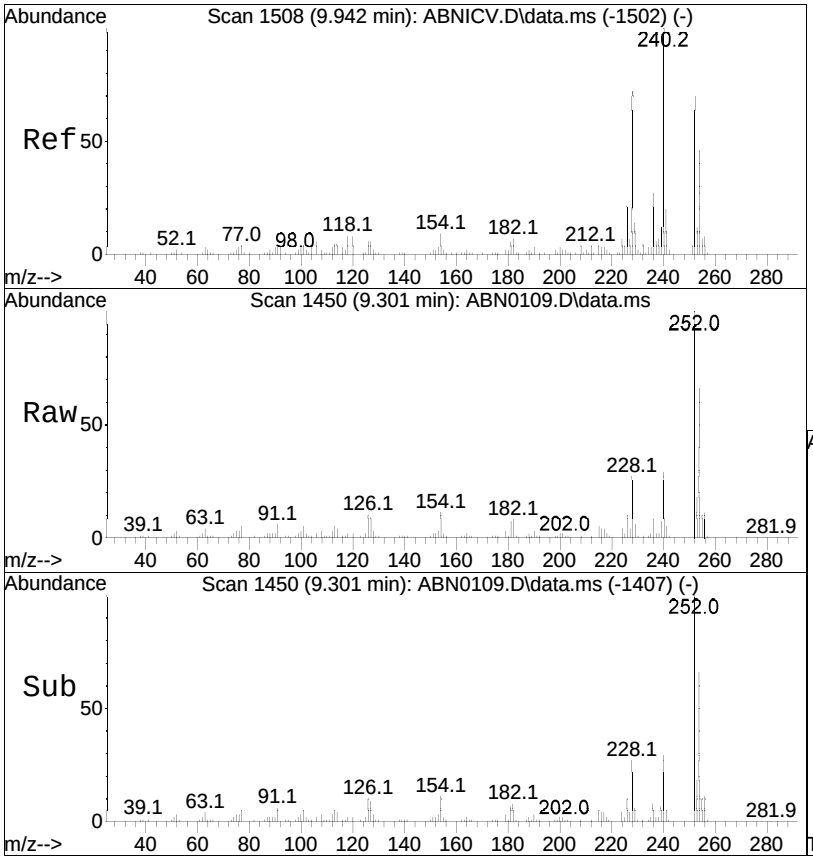


#105
Benzo(a)anthracene
Concen: 45.69 ug/ml M3
RT: 9.283 min Scan# 1447
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:228 Resp: 742909

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.9	34.3
229	20.3	16.1	24.1

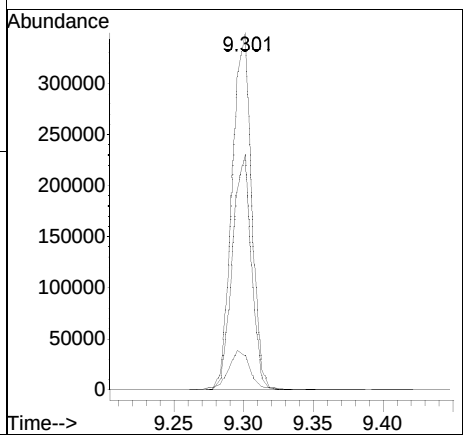


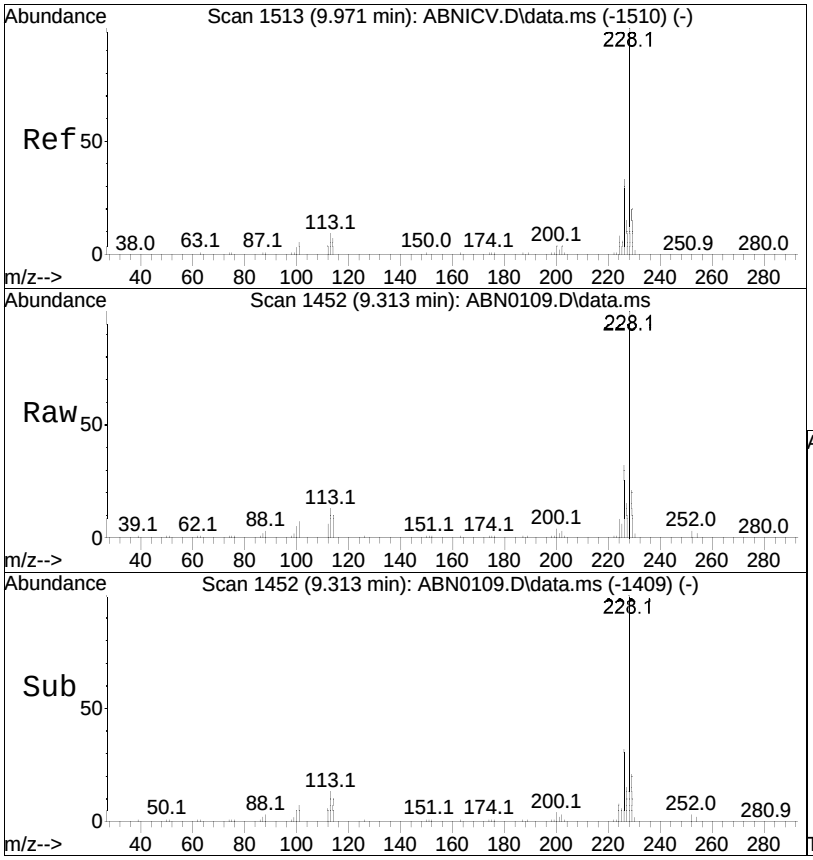


#106
3,3'-Dichlorobenzidine
Concen: 49.92 ug/ml
RT: 9.301 min Scan# 1450
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:252 Resp: 338931

Ion	Ratio	Lower	Upper
252	100		
126	12.8	13.4	20.0#
254	64.7	52.8	79.2

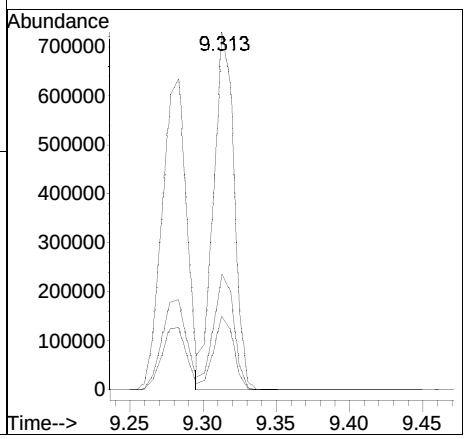


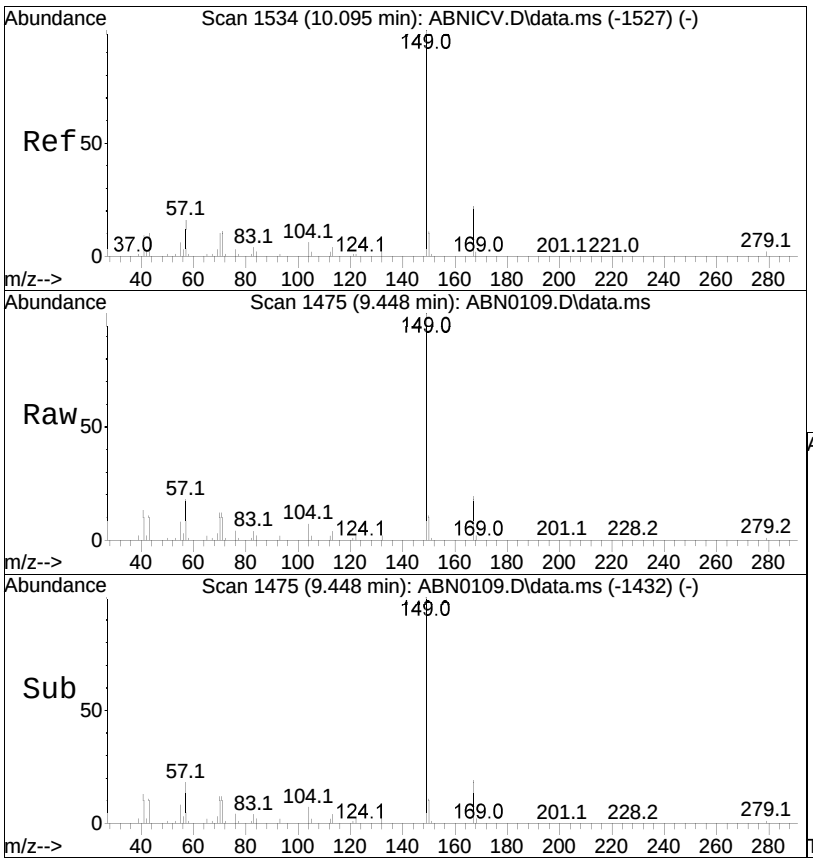


#107
Chrysene
Concen: 48.34 ug/ml
RT: 9.313 min Scan# 1452
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:228 Resp: 712519

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.9	37.3
229	20.2	16.6	24.8

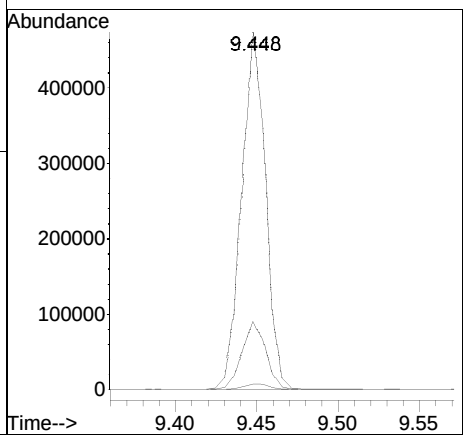


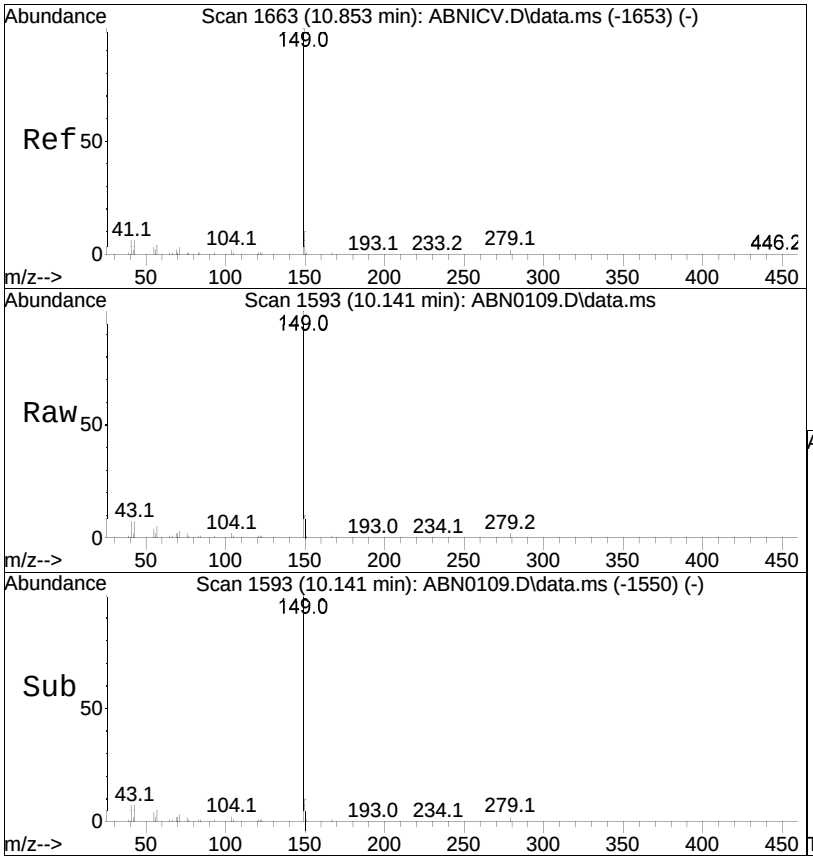


#108
Bis(2-ethylhexyl)phthalate
Concen: 57.07 ug/ml
RT: 9.448 min Scan# 1475
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:149 Resp: 477959

Ion	Ratio	Lower	Upper
149	100		
167	19.1	21.2	31.8#
279	1.5	3.8	5.6#

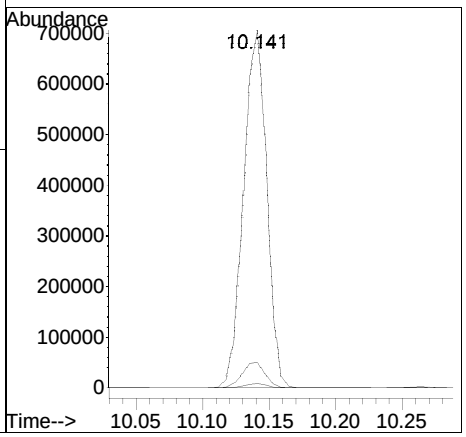


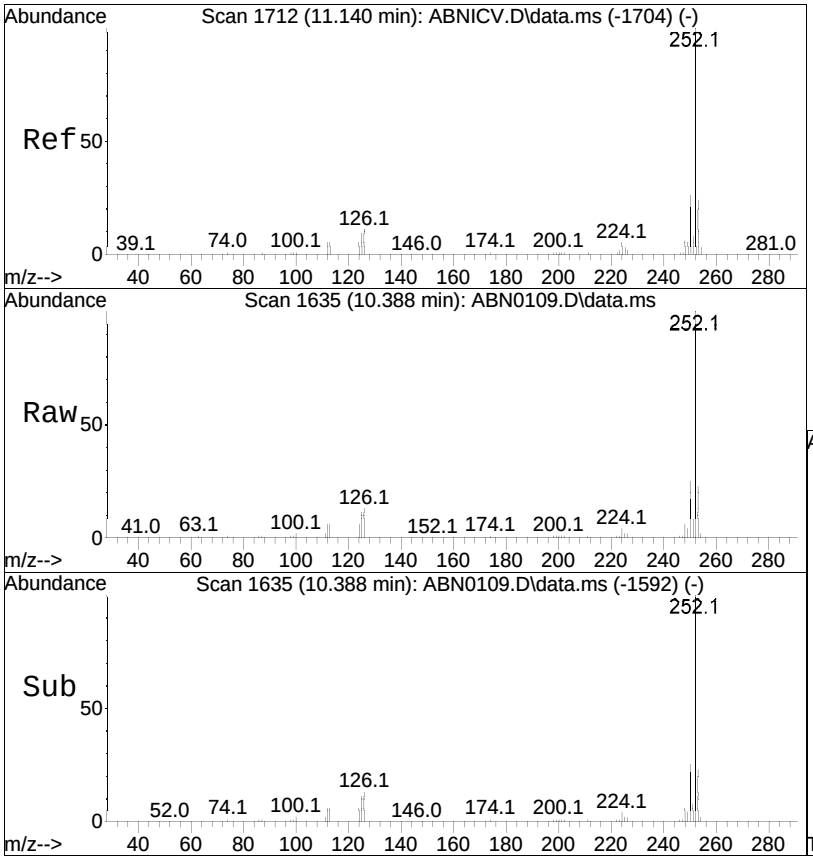


#109
Di-n-octylphthalate
Concen: 56.44 ug/ml
RT: 10.141 min Scan# 1593
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:149 Resp: 839421

Ion	Ratio	Lower	Upper
149	100		
43	7.2	8.0	12.0#
167	1.1	1.0	1.6

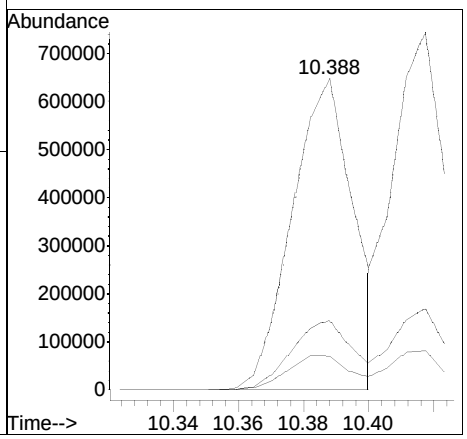


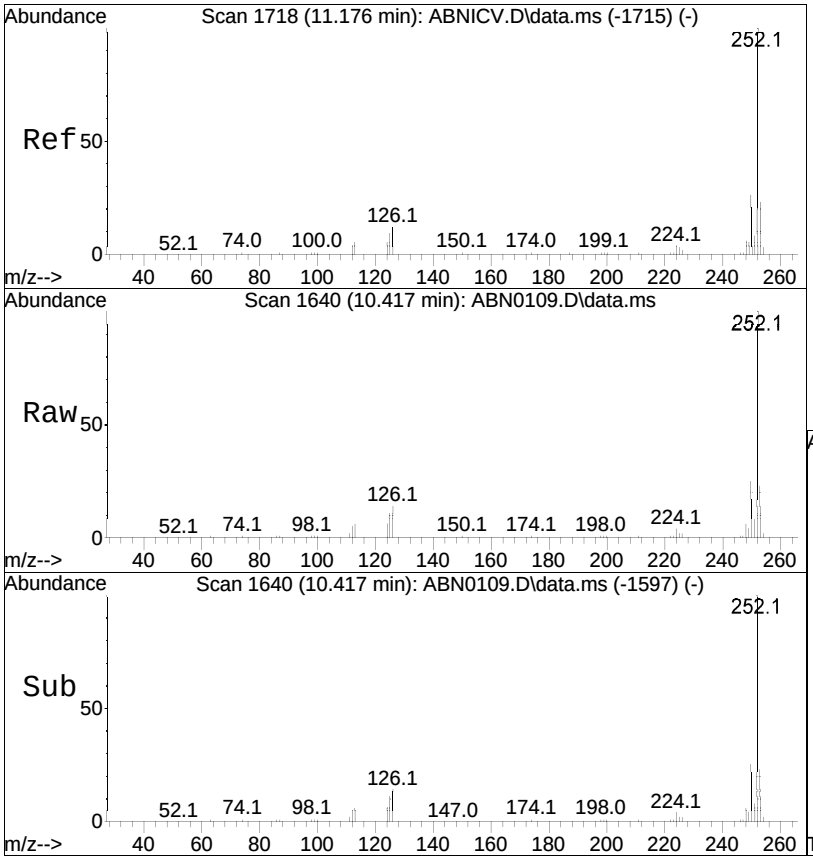


#110
Benzo(b)fluoranthene
Concen: 48.38 ug/ml M3
RT: 10.388 min Scan# 1635
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:252 Resp: 855270

Ion	Ratio	Lower	Upper
252	100		
125	11.5	12.6	18.8#
253	22.5	18.2	27.2

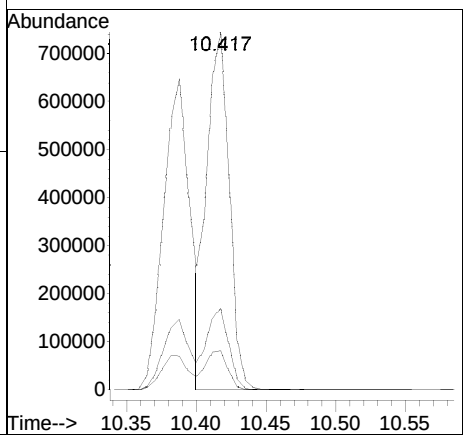


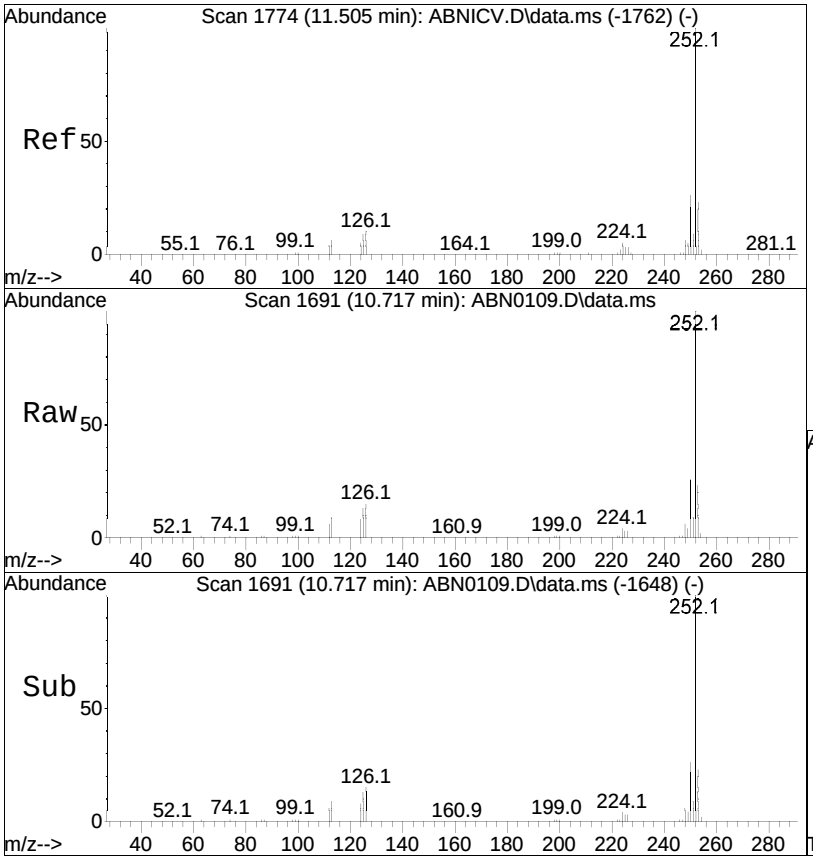


#111
Benzo(k)fluoranthene
Concen: 51.57 ug/ml
RT: 10.417 min Scan# 1640
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:252 Resp: 827324

Ion	Ratio	Lower	Upper
252	100		
125	10.9	12.1	18.1#
253	22.4	18.1	27.1

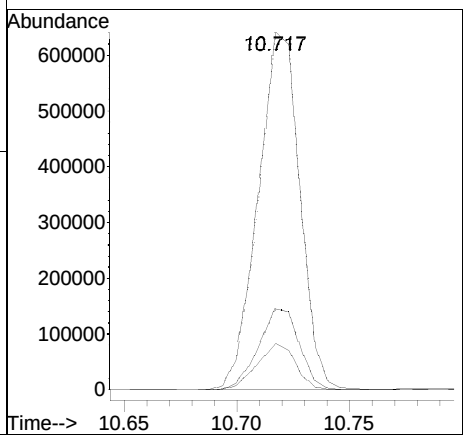


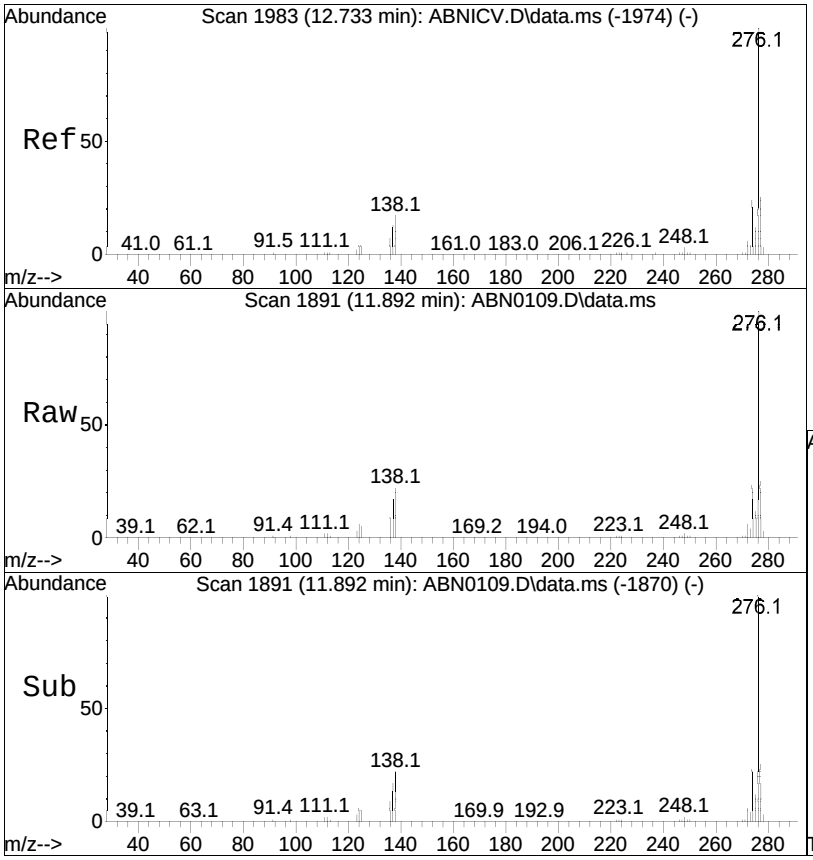


#112
Benzo(a)pyrene
Concen: 49.75 ug/ml
RT: 10.717 min Scan# 1691
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:252 Resp: 820231

Ion	Ratio	Lower	Upper
252	100		
125	12.2	13.3	19.9#
253	22.5	18.2	27.4

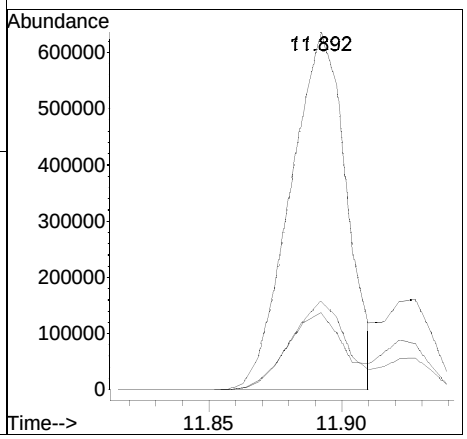


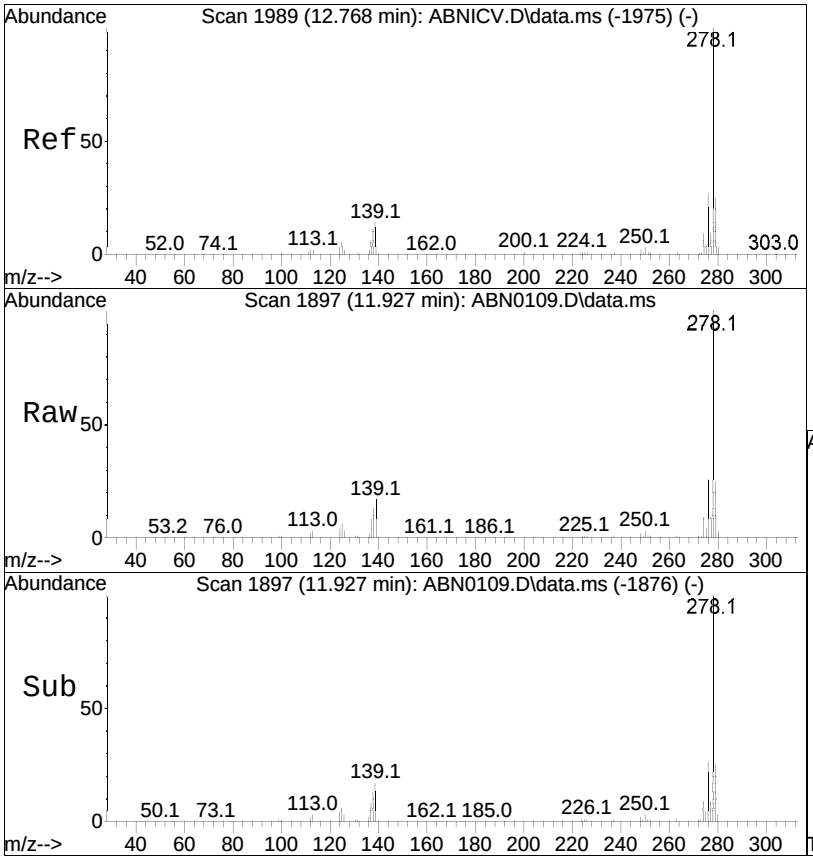


#114
Indeno(1,2,3-cd)pyrene
Concen: 48.78 ug/mL M3
RT: 11.892 min Scan# 1891
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:276 Resp: 934376

Ion	Ratio	Lower	Upper
276	100		
138	22.8	26.7	40.1#
277	24.7	20.4	30.6

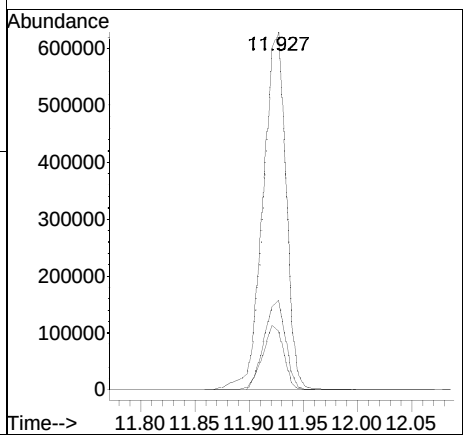


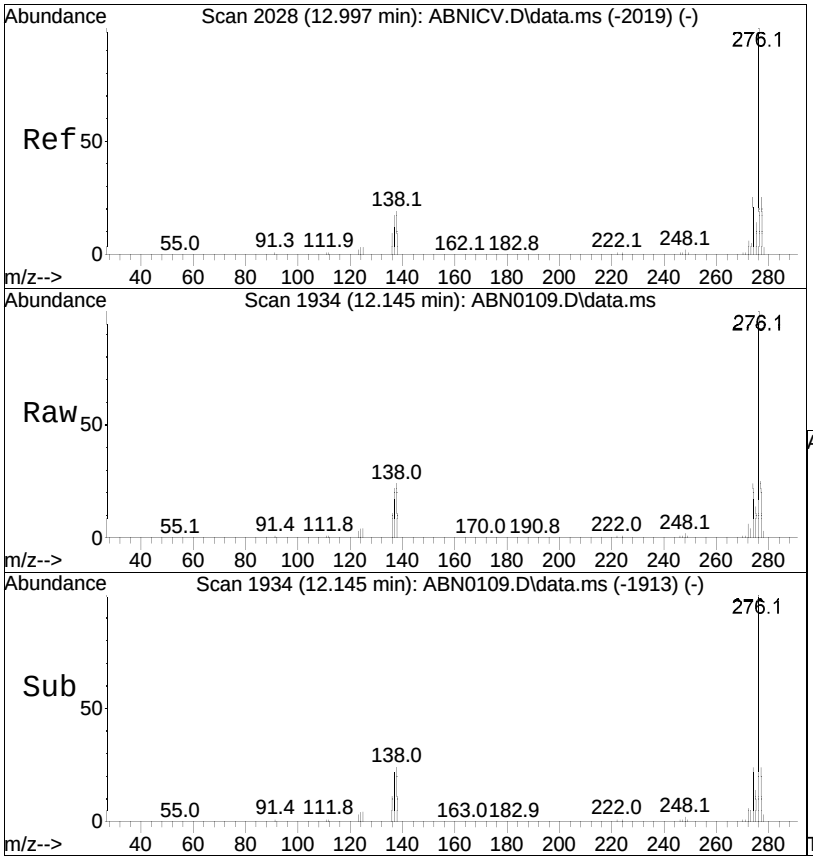


#115
Dibenzo(a,h)anthracene
Concen: 50.10 ug/ml
RT: 11.927 min Scan# 1897
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:278 Resp: 917560

Ion	Ratio	Lower	Upper
278	100		
139	16.7	18.2	27.4#
279	24.0	19.3	28.9

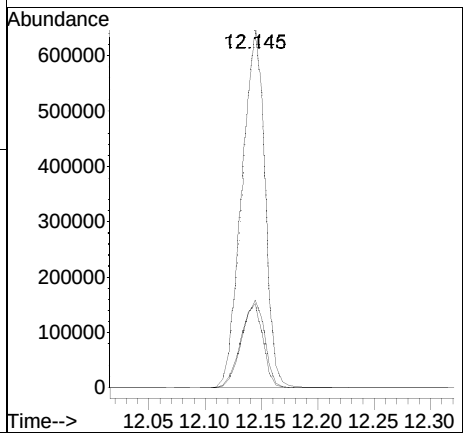




#116
Benzo(ghi)perylene
Concen: 50.07 ug/ml
RT: 12.145 min Scan# 1934
Delta R.T. 0.000 min
Lab File: ABN0109.D
Acq: 9 Jan 2026 9:59 am

Tgt Ion:276 Resp: 915072

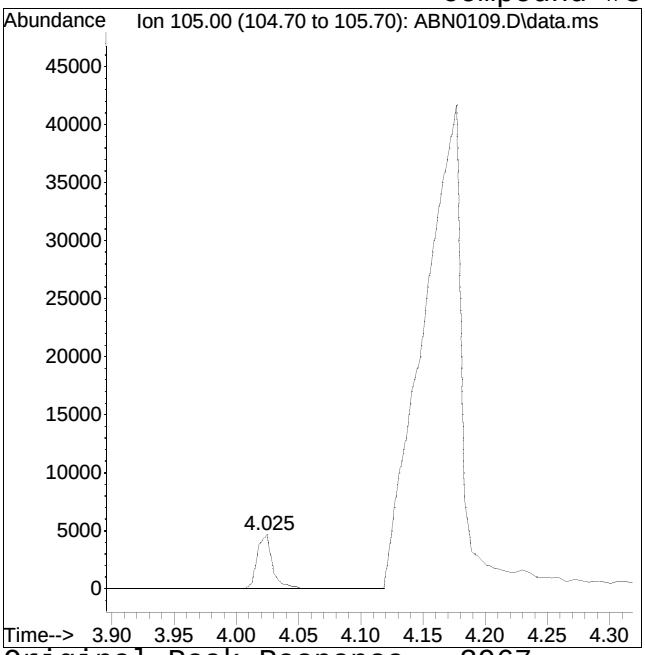
Ion	Ratio	Lower	Upper
276	100		
138	23.1	26.1	39.1#
277	24.5	19.4	29.0



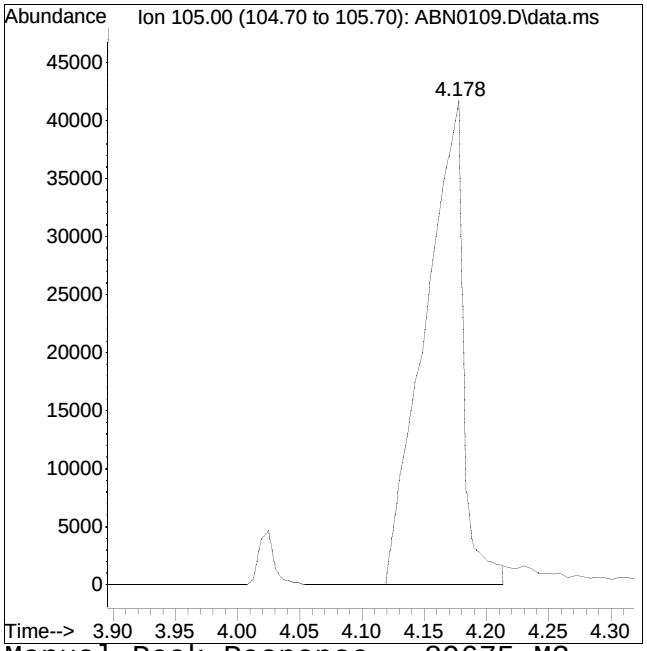
Manual Integration Report

Data Path : I:\8270\Mork\260109\ QMethod : FS251209Mork.m
Data File : ABN0109.D Operator : Mork:jg
Date Inj'd : 1/9/2026 9:59 am Instrument : Mork
Sample : WG2163439-3,32,,ABN 12168 Quant Date : 1/9/2026 10:46 am

Compound #37: Benzoic Acid



Original Peak Response = 3967



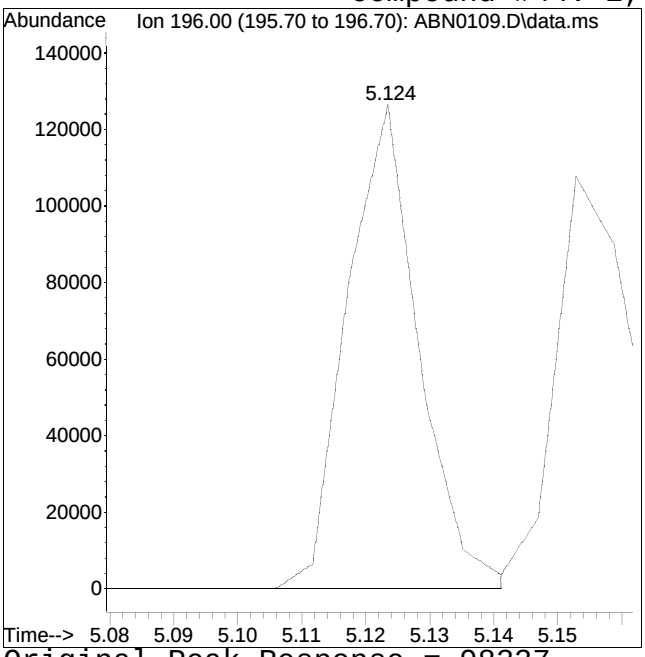
Manual Peak Response = 89675 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

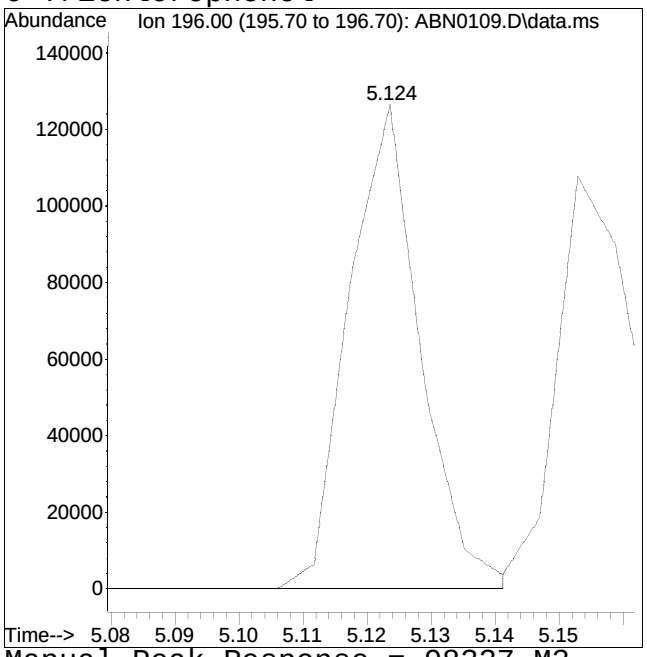
Manual Integration Report

Data Path : I:\8270\Mork\260109\ QMethod : FS251209Mork.m
Data File : ABN0109.D Operator : Mork:jg
Date Inj'd : 1/9/2026 9:59 am Instrument : Mork
Sample : WG2163439-3,32,,ABN 12168 Quant Date : 1/9/2026 10:46 am

Compound #44: 2,4,6-Trichlorophenol



Original Peak Response = 98337



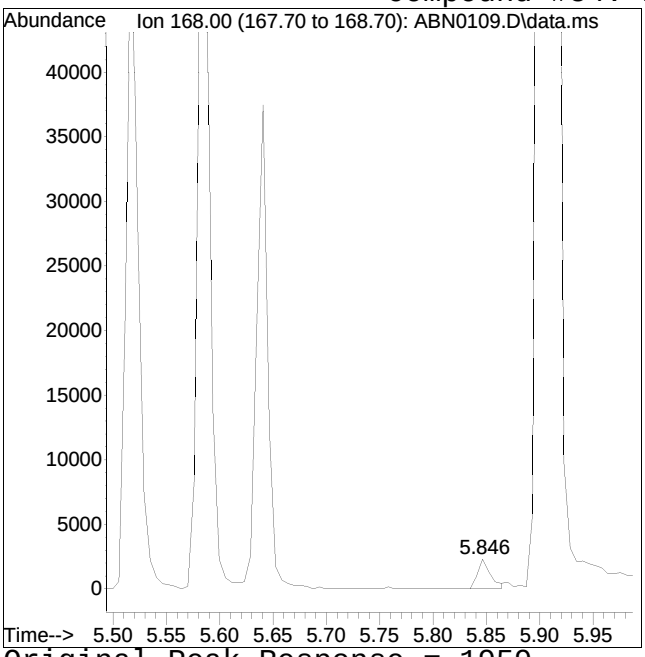
Manual Peak Response = 98337 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

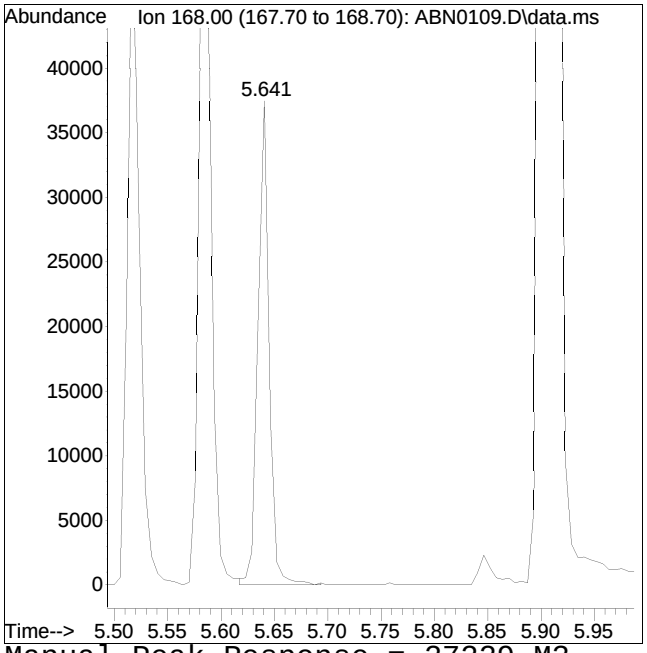
Manual Integration Report

Data Path : I:\8270\Mork\260109\ QMethod : FS251209Mork.m
Data File : ABN0109.D Operator : Mork:jg
Date Inj'd : 1/9/2026 9:59 am Instrument : Mork
Sample : WG2163439-3,32,,ABN 12168 Quant Date : 1/9/2026 10:46 am

Compound #54: 1,2-Dinitrobenzene



Original Peak Response = 1959



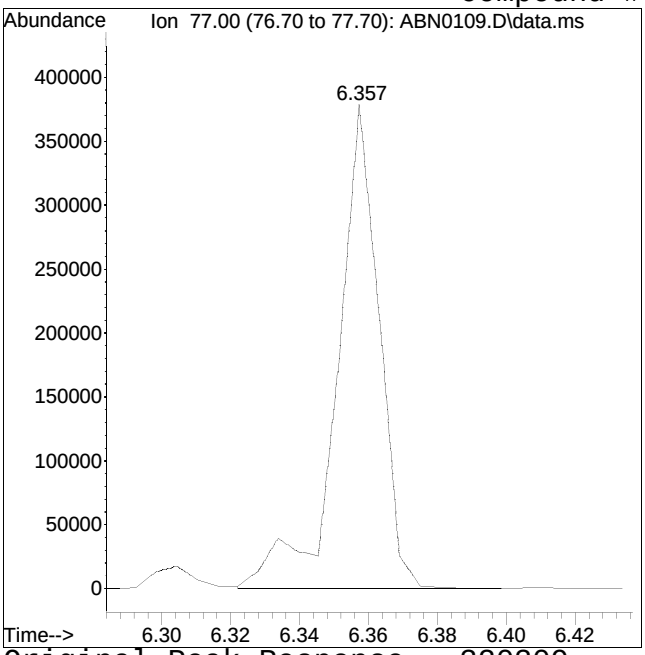
Manual Peak Response = 27229 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

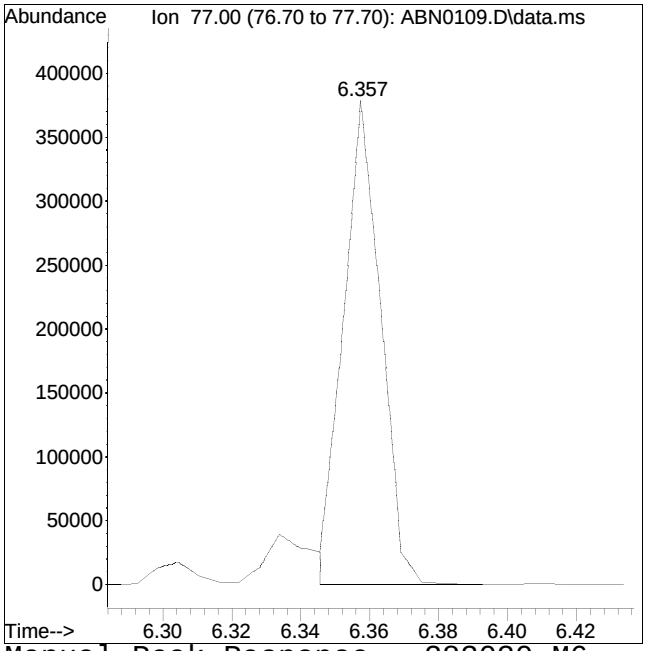
Manual Integration Report

Data Path : I:\8270\Mork\260109\ QMethod : FS251209Mork.m
Data File : ABN0109.D Operator : Mork:jg
Date Inj'd : 1/9/2026 9:59 am Instrument : Mork
Sample : WG2163439-3,32,,ABN 12168 Quant Date : 1/9/2026 10:46 am

Compound #78: Azobenzene



Original Peak Response = 320309



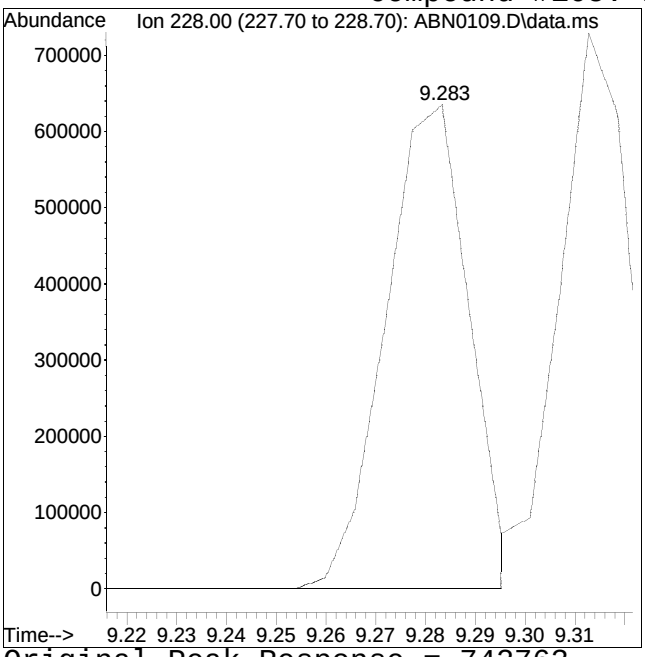
Manual Peak Response = 283030 M6

M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

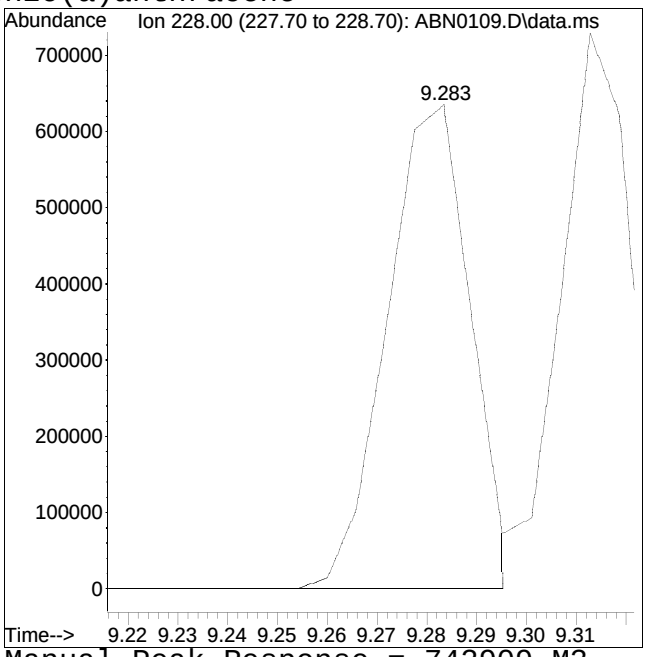
Manual Integration Report

Data Path : I:\8270\Mork\260109\ QMethod : FS251209Mork.m
Data File : ABN0109.D Operator : Mork:jg
Date Inj'd : 1/9/2026 9:59 am Instrument : Mork
Sample : WG2163439-3,32,,ABN 12168 Quant Date : 1/9/2026 10:46 am

Compound #105: Benzo(a)anthracene



Original Peak Response = 742763



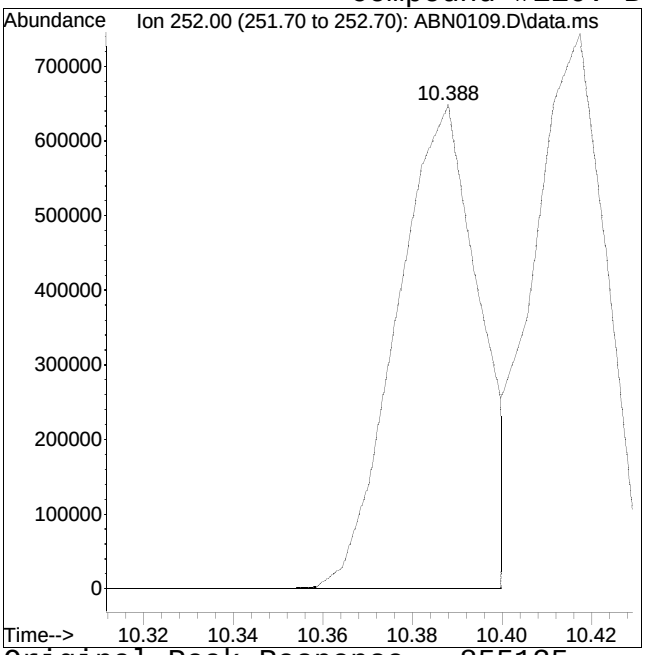
Manual Peak Response = 742909 M3

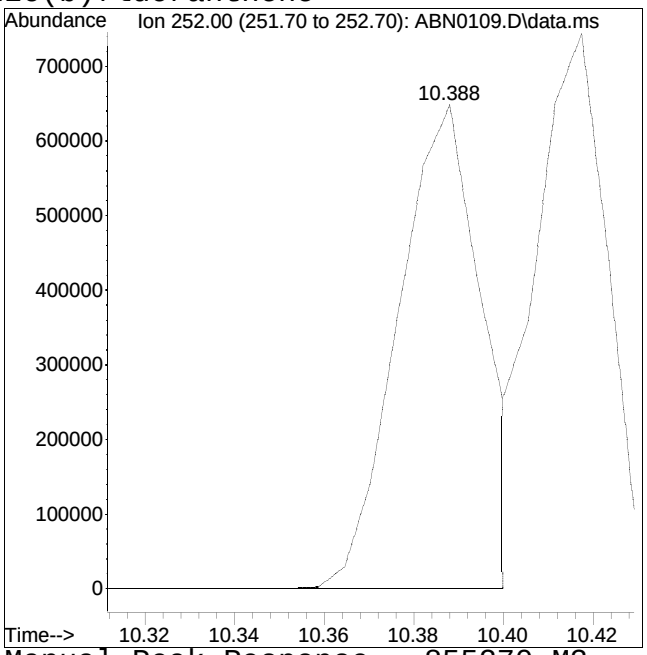
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\Mork\260109\ QMethod : FS251209Mork.m
Data File : ABN0109.D Operator : Mork:jg
Date Inj'd : 1/9/2026 9:59 am Instrument : Mork
Sample : WG2163439-3,32,,ABN 12168 Quant Date : 1/9/2026 10:46 am

Compound #110: Benzo(b)fluoranthene



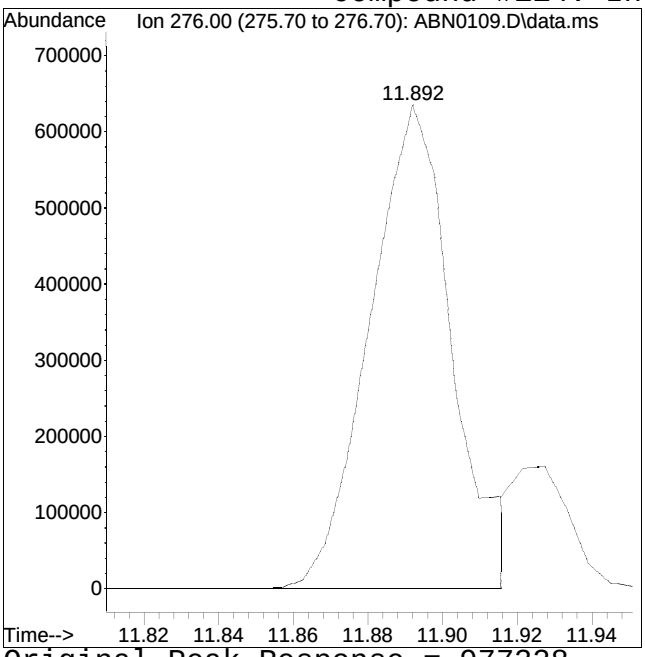


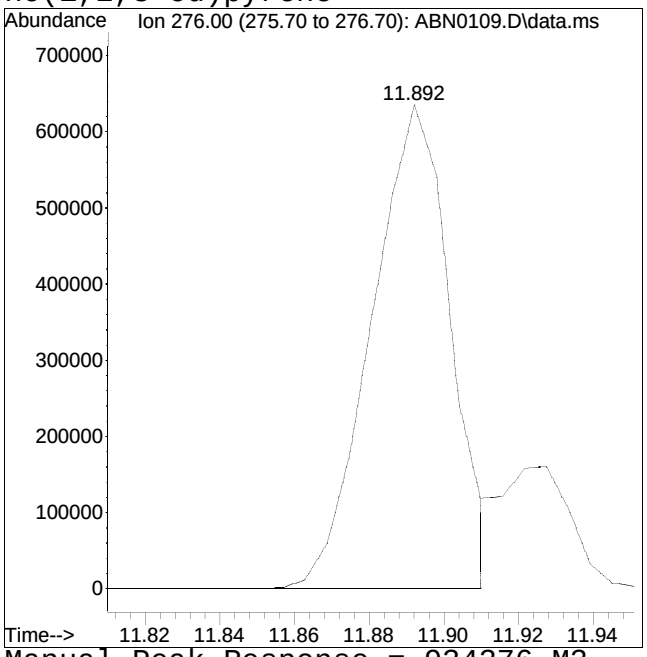
Original Peak Response = 855135 Manual Peak Response = 855270 M3
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

Data Path : I:\8270\Mork\260109\ QMethod : FS251209Mork.m
Data File : ABN0109.D Operator : Mork:jg
Date Inj'd : 1/9/2026 9:59 am Instrument : Mork
Sample : WG2163439-3,32,,ABN 12168 Quant Date : 1/9/2026 10:46 am

Compound #114: Indeno(1,2,3-cd)pyrene





Original Peak Response = 977328 Manual Peak Response = 934376 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Evaluate Continuing Calibration Report

Data Path : I:\8270\Mork\260109\
Data File : AP90109.D
Acq On : 9 Jan 2026 10:19 am
Operator : Mork:jg
Sample : WG2163439-4,32,,AP9 12053 gmr1227C
Misc : WG2163439,,ical22888
ALS Vial : 97 Sample Multiplier: 1

Quant Time: Jan 09 11:30:58 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 10:47:04 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
27	I	IS2_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.00
28	T	Benzaldehyde	0.840	0.954	-13.6	88	0.00
29	T	Acetophenone	1.419	1.660	-17.0	92	0.00
30	T	m-Toluidine	1.384	1.663	-20.2#	93	0.00
31	T	2-Chloroaniline	1.343	1.575	-17.3	92	0.00
55	I	IS2_Naphthalene-d8	1.000	1.000	0.0	91	0.00
56	T	a-Terpineol	0.206	0.199	3.4	83	0.00
57	T	3-Chloroaniline	0.117	0.136	-16.2	100	0.00
58	T	2,6-Dichlorophenol	0.336	0.330	1.8	85	0.00
59	T	1-chloro-2-nitrobenzene	0.128	0.149	-16.4	101	0.00
60	T	Caprolactam	0.109	0.103	5.5	82	0.00
61	T	1,2,4,5-Tetrachlorobenzene	0.476	0.399	16.2	73	0.00
62	T	Biphenyl	0.919	0.882	4.0	86	0.00
83	I	IS2_Acenaphthene-d10	1.000	1.000	0.0	84	0.00
84	T	Dichloran	0.215	0.235	-9.3	83	0.00
85	T	Pentachloronitrobenzene	0.239	0.230	3.8	77	0.00
98	I	IS2_Phenanthrene-d10	1.000	1.000	0.0	80	0.00
99	T	Diphenamid	0.495	0.526	-6.3	85	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260109\
Data File : AP90109.D
Acq On : 9 Jan 2026 10:19 am
Operator : Mork:jg
Sample : WG2163439-4,32,,AP9 12053 gmr1227C
Misc : WG2163439,,ical22888
ALS Vial : 97 Sample Multiplier: 1

Quant Time: Jan 09 11:30:58 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 10:47:04 2026
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublist

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
27) IS2_1,4-Dichlorobenzen...	3.143	152	92004	40.000	ug/ml		0.00
55) IS2_Naphthalene-d8	4.230	136	342158	40.000	ug/ml	#	0.00
83) IS2_Acenaphthene-d10	5.729	164	203899	40.000	ug/ml		0.00
98) IS2_Phenanthrene-d10	6.986	188	445966	40.000	ug/ml		0.00
System Monitoring Compounds							
Target Compounds							Qvalue
28) Benzaldehyde	2.767	105	109697	56.758	ug/ml		93
29) Acetophenone	3.508	105	190924	58.484	ug/ml	#	86
30) m-Toluidine	3.584	106	191217	60.049	ug/ml		95
31) 2-Chloroaniline	3.895	127	181159	58.637	ug/ml		98
56) a-Terpineol	4.301	59	85078	48.299	ug/ml	#	82
57) 3-Chloroaniline	4.313	65	58063	57.834	ug/ml		90
58) 2,6-Dichlorophenol	4.336	162	141141	49.059	ug/ml	#	91
59) 1-chloro-2-nitrobenzene	4.559	111	63703	57.974	ug/ml		97
60) Caprolactam	4.618	55	43992	47.111	ug/ml	#	88
61) 1,2,4,5-Tetrachloroben...	5.000	216	170813	41.961	ug/ml		99
62) Biphenyl	5.259	154	377347	47.984	ug/ml		97
84) Dichloran	6.745	206	59779	54.651	ug/ml		97
85) Pentachloronitrobenzene	6.863	237	58513	48.044	ug/ml		94
99) Diphenamid	7.809	167	293155	53.161	ug/ml	#	81

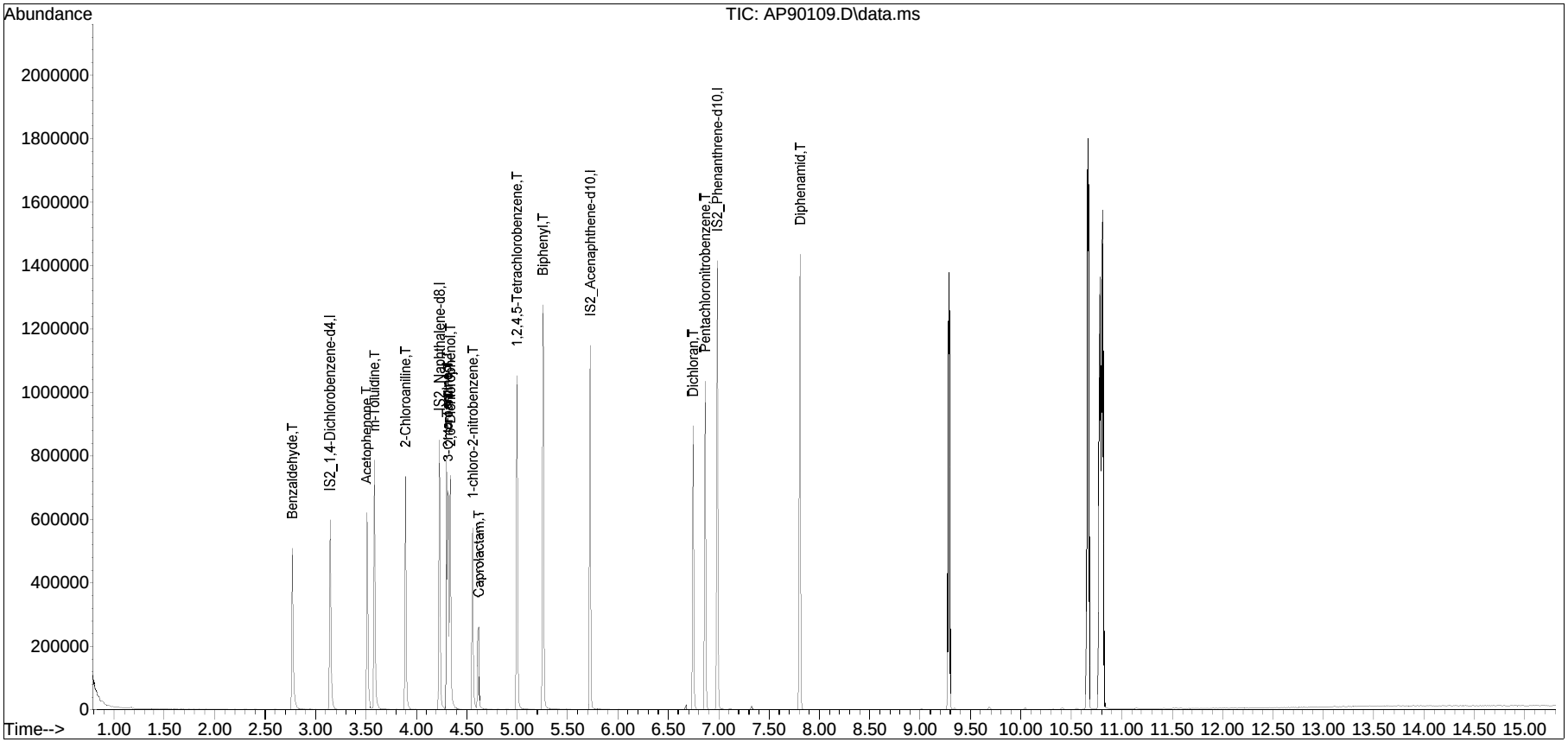
(#) = qualifier out of range (m) = manual integration (+) = signals summed

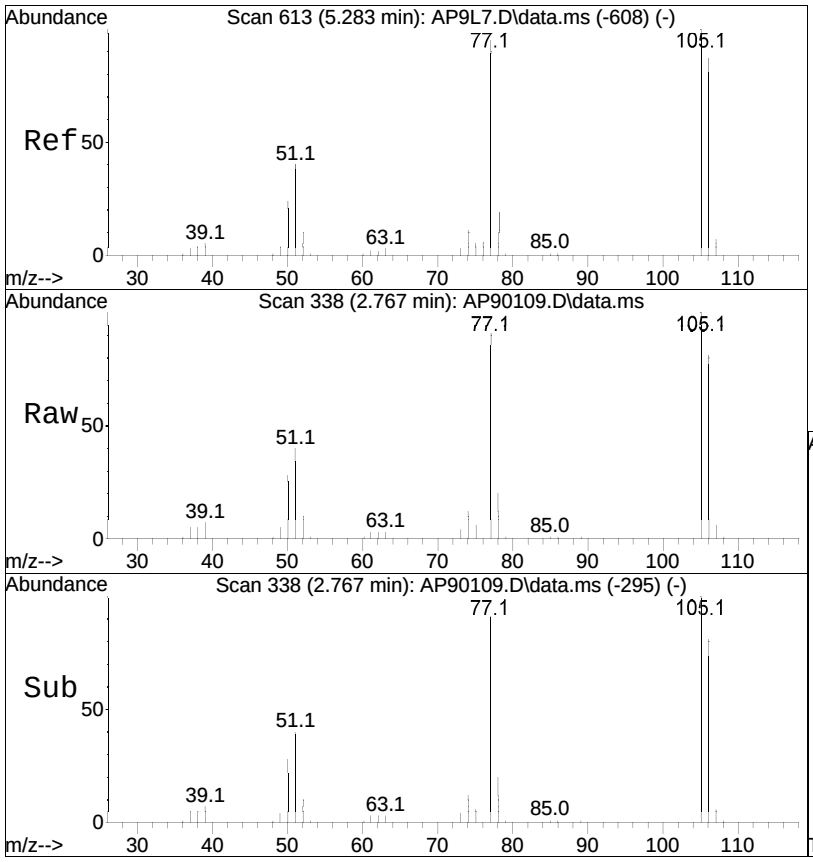
Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260109\
Data File : AP90109.D
Acq On : 9 Jan 2026 10:19 am
Operator : Mork:jg
Sample : WG2163439-4,32,,AP9 12053 gmr1227C
Misc : WG2163439,,ical22888
ALS Vial : 97 Sample Multiplier: 1

Quant Time: Jan 09 11:30:58 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 10:47:04 2026
Response via : Initial Calibration

Sub List : AP9ical - AP9 ical sublist

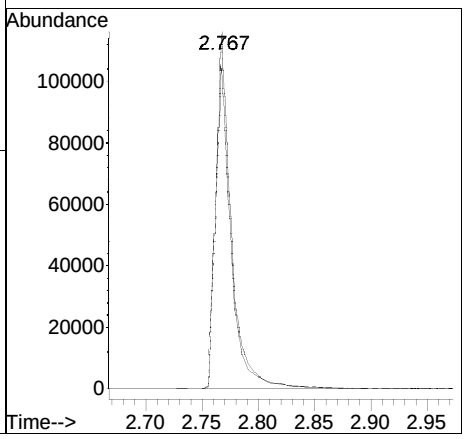


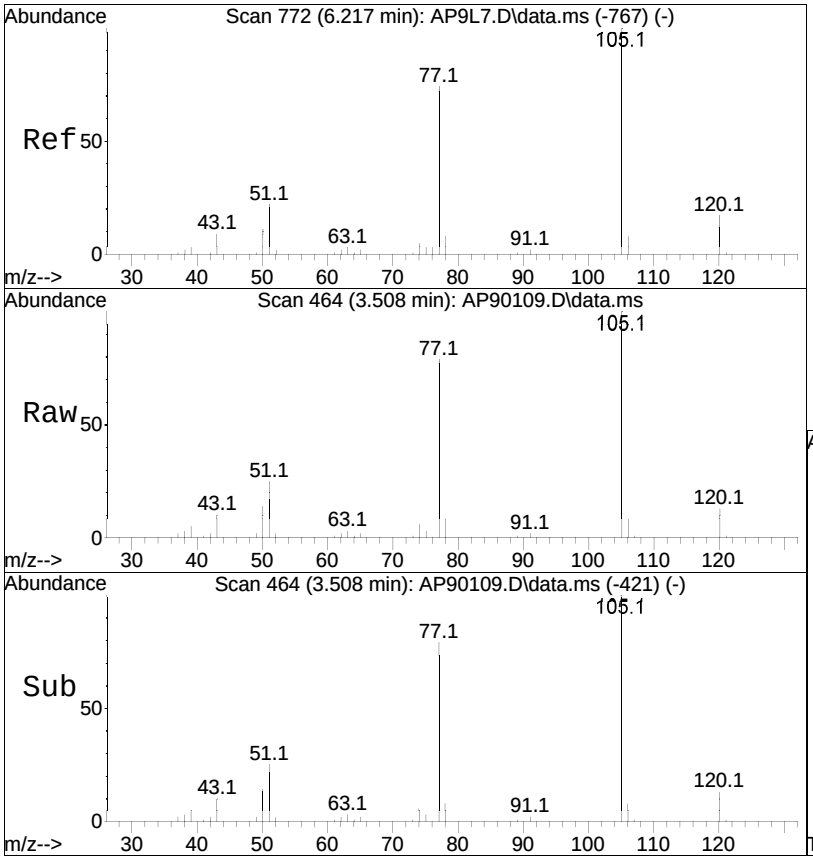


#28
Benzaldehyde
Concen: 56.76 ug/ml
RT: 2.767 min Scan# 338
Delta R.T. 0.000 min
Lab File: AP90109.D
Acq: 9 Jan 2026 10:19 am

Tgt Ion:105 Resp: 109697

Ion	Ratio	Lower	Upper
105	100		
77	92.1	79.3	118.9

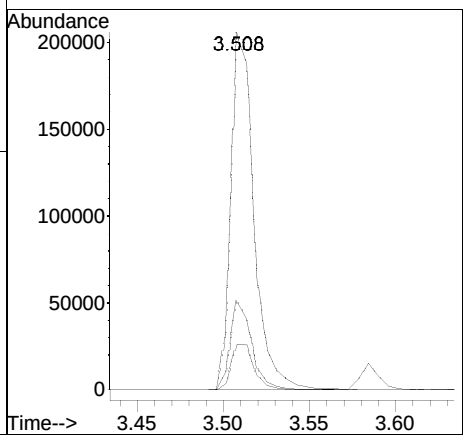


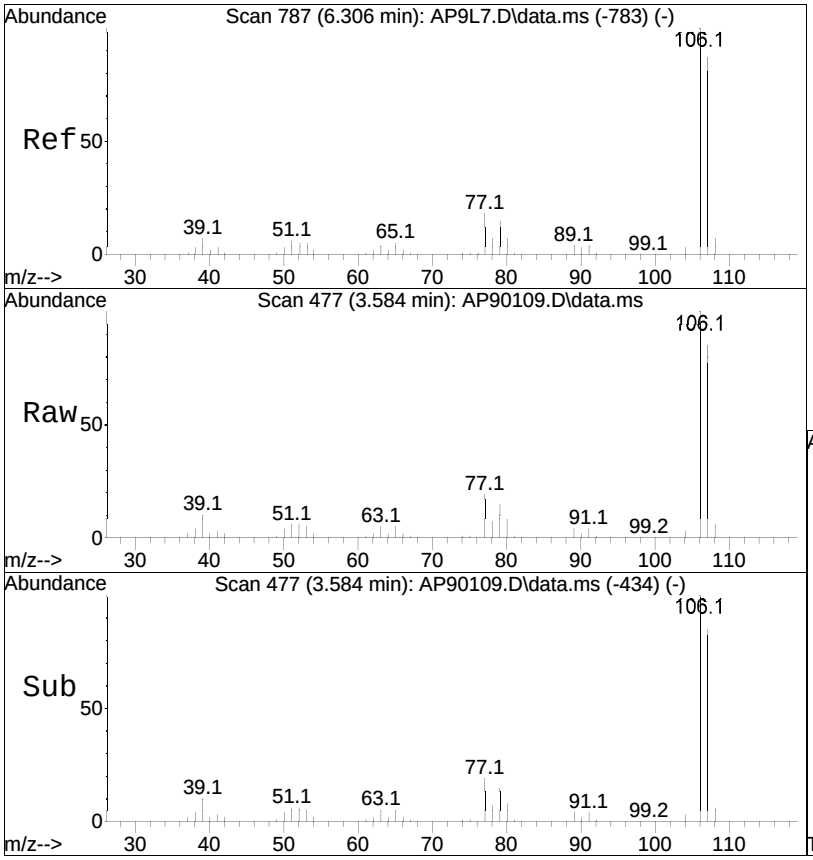


#29
Acetophenone
Concen: 58.48 ug/ml
RT: 3.508 min Scan# 464
Delta R.T. 0.000 min
Lab File: AP90109.D
Acq: 9 Jan 2026 10:19 am

Tgt Ion:105 Resp: 190924

Ion	Ratio	Lower	Upper
105	100		
120	12.9	17.4	26.2#
51	23.6	23.8	35.6#

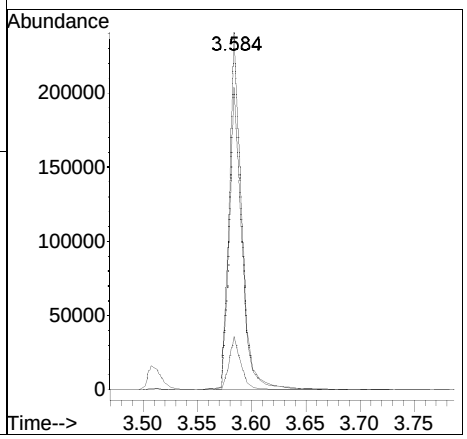


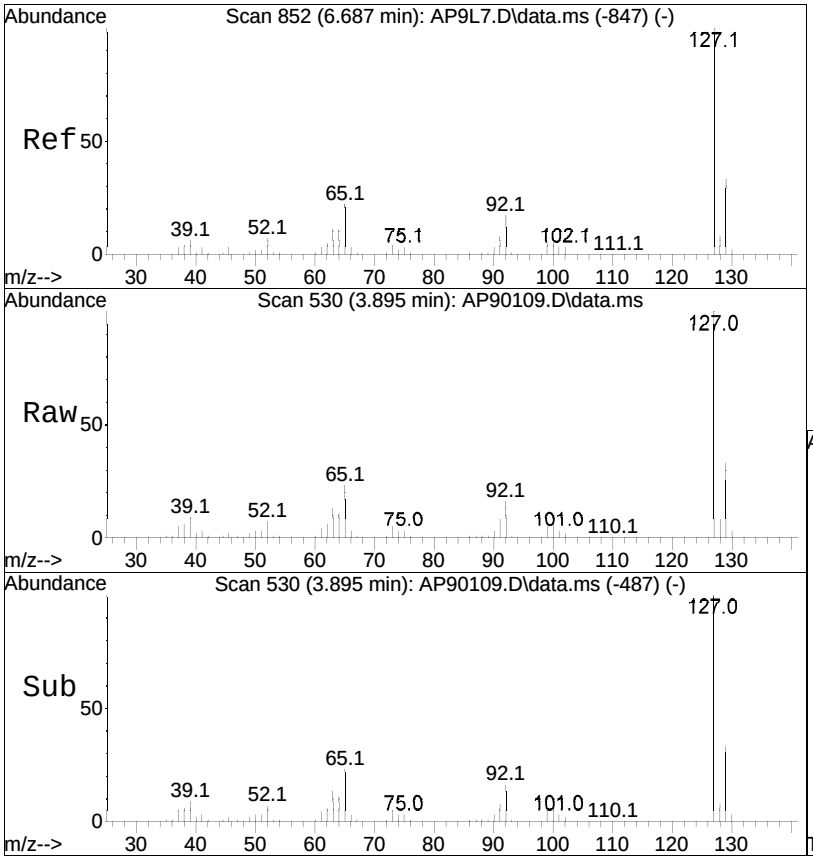


#30
m-Toluidine
Concen: 60.05 ug/ml
RT: 3.584 min Scan# 477
Delta R.T. 0.000 min
Lab File: AP90109.D
Acq: 9 Jan 2026 10:19 am

Tgt Ion:106 Resp: 191217

Ion	Ratio	Lower	Upper
106	100		
107	85.6	72.5	108.7
79	14.5	11.4	17.2

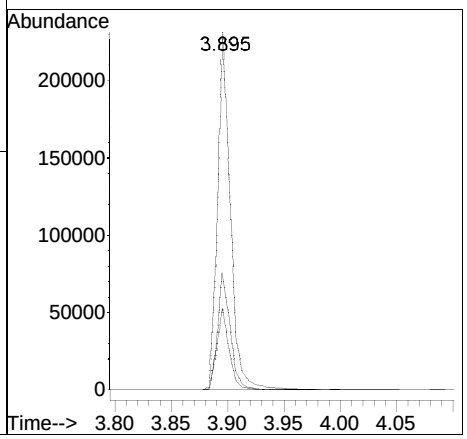


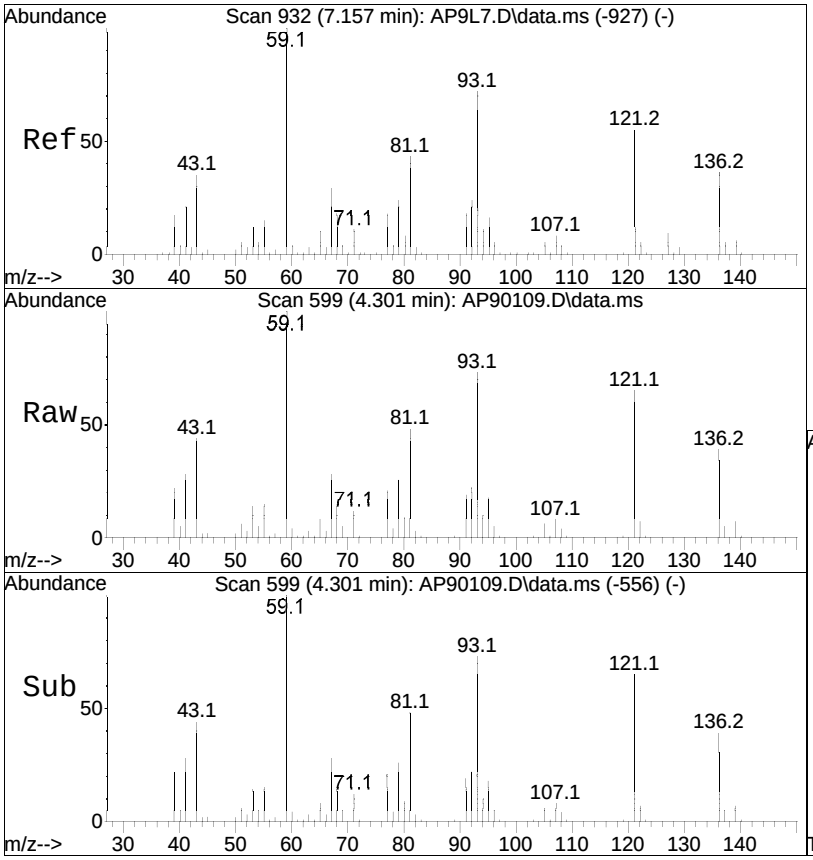


#31
2-Chloroaniline
Concen: 58.64 ug/ml
RT: 3.895 min Scan# 530
Delta R.T. 0.000 min
Lab File: AP90109.D
Acq: 9 Jan 2026 10:19 am

Tgt Ion:127 Resp: 181159

Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.5	38.3
65	22.2	17.3	25.9

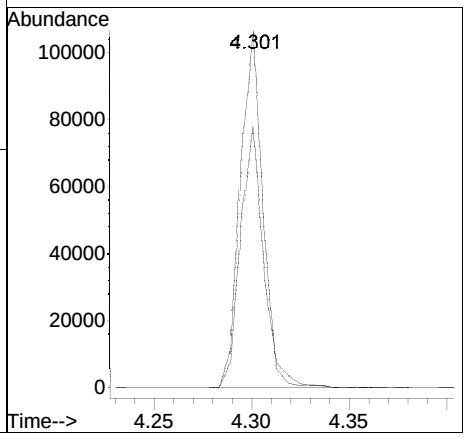


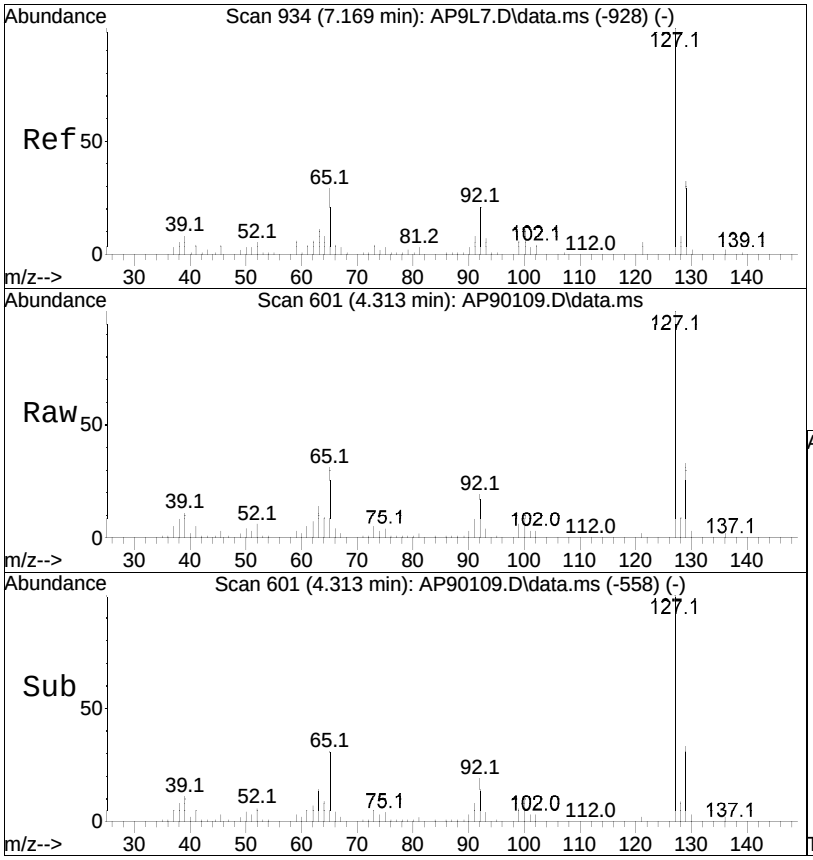


#56
a-Terpineol
Concen: 48.30 ug/ml
RT: 4.301 min Scan# 599
Delta R.T. 0.000 min
Lab File: AP90109.D
Acq: 9 Jan 2026 10:19 am

Tgt Ion: 59 Resp: 85078

Ion	Ratio	Lower	Upper
59	100		
93	75.7	49.3	73.9#

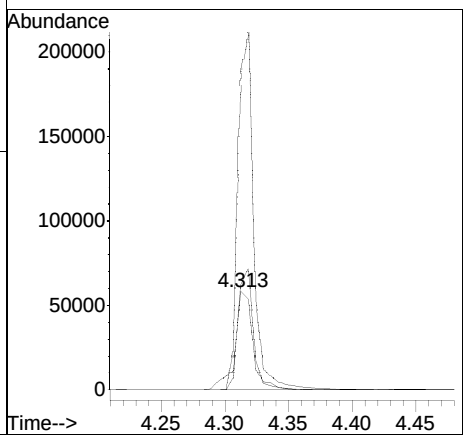


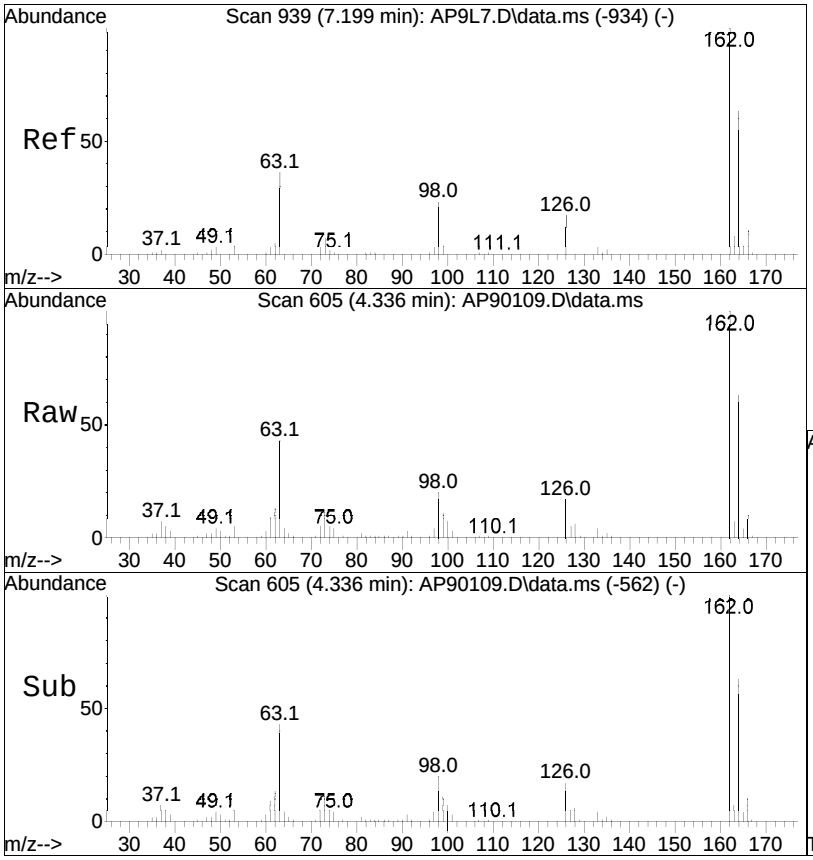


#57
3-Chloroaniline
Concen: 57.83 ug/ml
RT: 4.313 min Scan# 601
Delta R.T. 0.000 min
Lab File: AP90109.D
Acq: 9 Jan 2026 10:19 am

Tgt Ion: 65 Resp: 58063

Ion	Ratio	Lower	Upper
65	100		
127	312.8	269.3	403.9
129	104.0	88.2	132.4

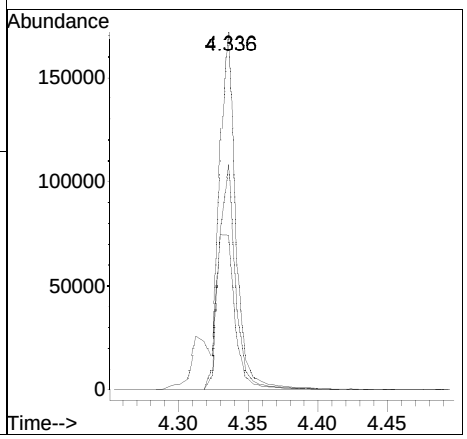


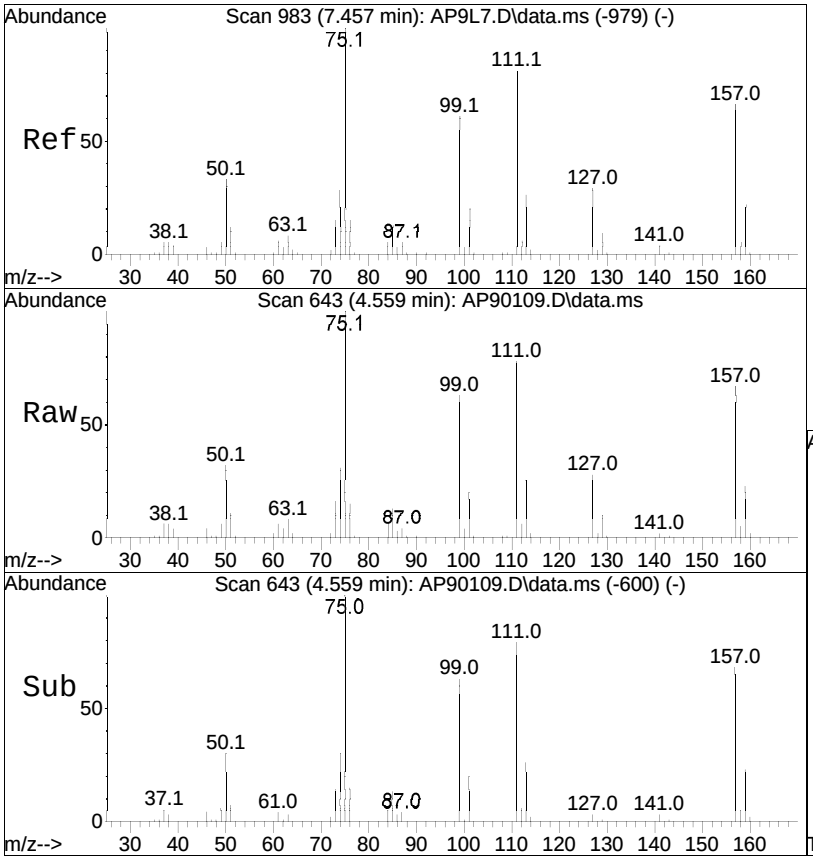


#58
2,6-Dichlorophenol
Concen: 49.06 ug/ml
RT: 4.336 min Scan# 605
Delta R.T. 0.000 min
Lab File: AP90109.D
Acq: 9 Jan 2026 10:19 am

Tgt Ion:162 Resp: 141141

Ion	Ratio	Lower	Upper
162	100		
164	63.5	51.8	77.6
63	65.6	41.7	62.5#

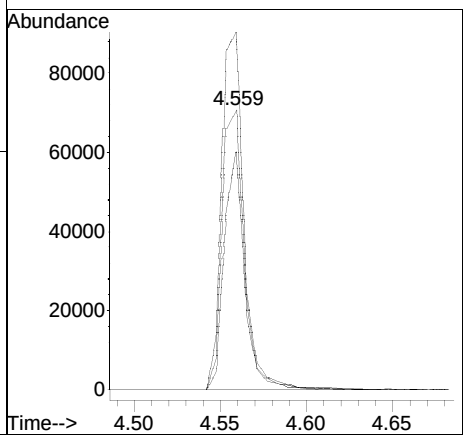


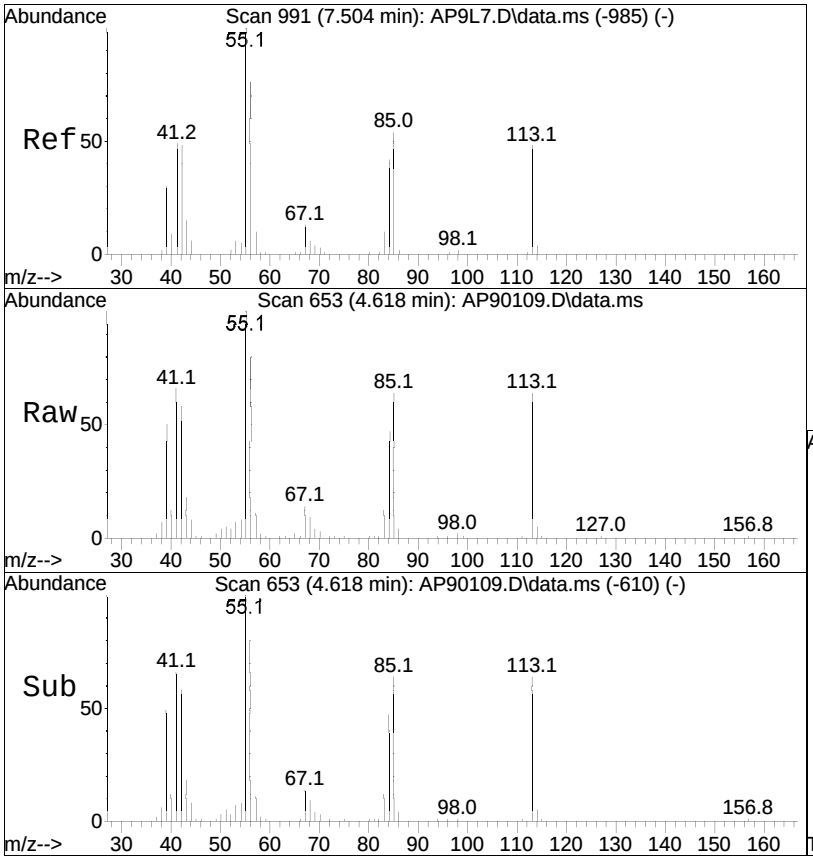


#59
1-chloro-2-nitrobenzene
Concen: 57.97 ug/ml
RT: 4.559 min Scan# 643
Delta R.T. 0.000 min
Lab File: AP90109.D
Acq: 9 Jan 2026 10:19 am

Tgt Ion:111 Resp: 63703

Ion	Ratio	Lower	Upper
111	100		
157	78.1	67.6	101.4
75	128.1	102.5	153.7

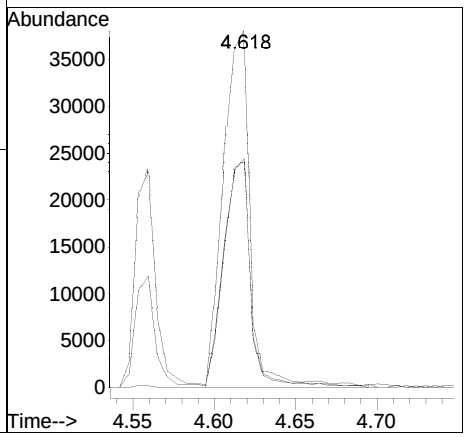


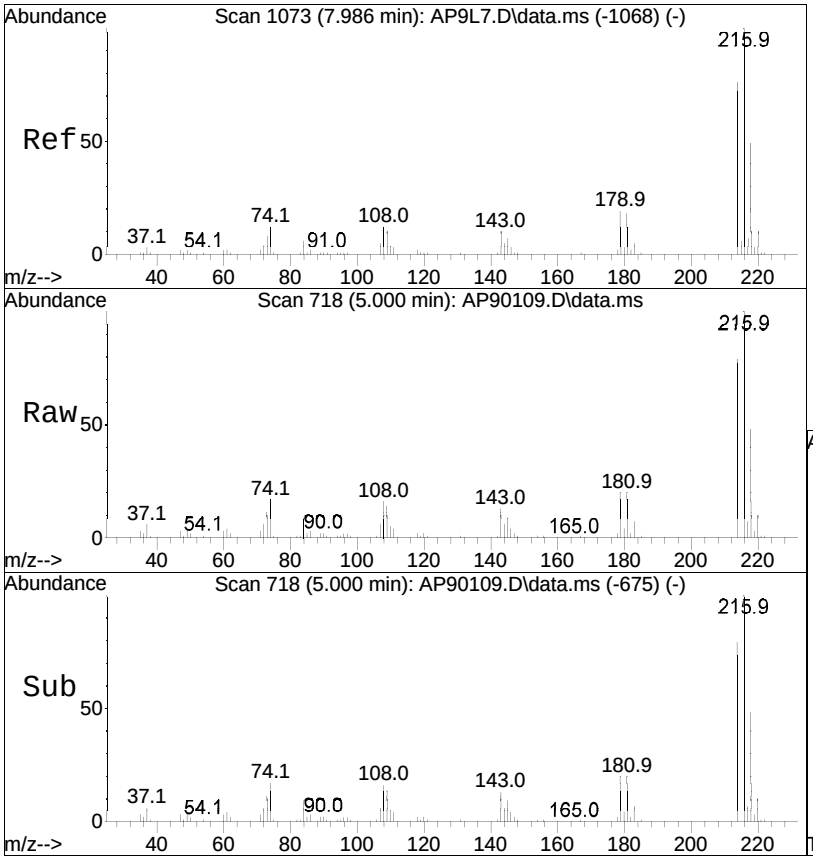


#60
Caprolactam
Concen: 47.11 ug/ml
RT: 4.618 min Scan# 653
Delta R.T. 0.000 min
Lab File: AP90109.D
Acq: 9 Jan 2026 10:19 am

Tgt Ion: 55 Resp: 43992

Ion	Ratio	Lower	Upper
55	100		
85	63.7	36.6	54.8#
113	63.8	50.2	75.2

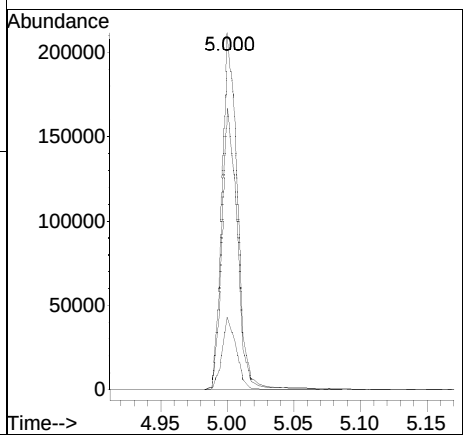


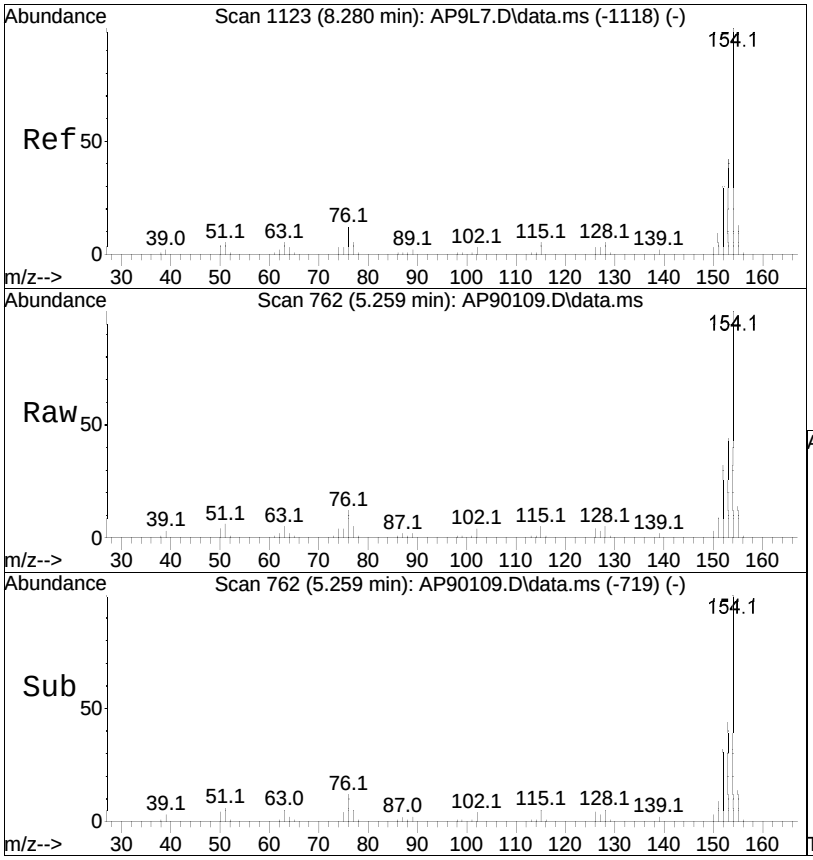


#61
1,2,4,5-Tetrachlorobenzene
Concen: 41.96 ug/ml
RT: 5.000 min Scan# 718
Delta R.T. 0.000 min
Lab File: AP90109.D
Acq: 9 Jan 2026 10:19 am

Tgt Ion:216 Resp: 170813

Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.0	94.4
179	19.5	15.3	22.9

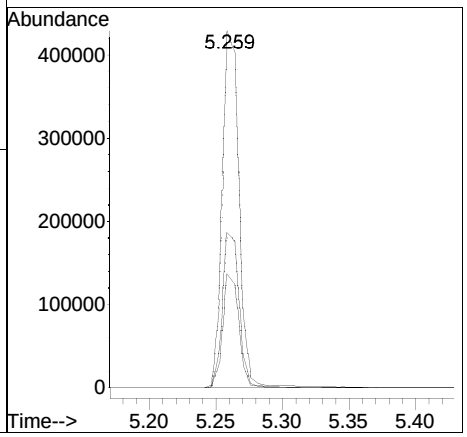


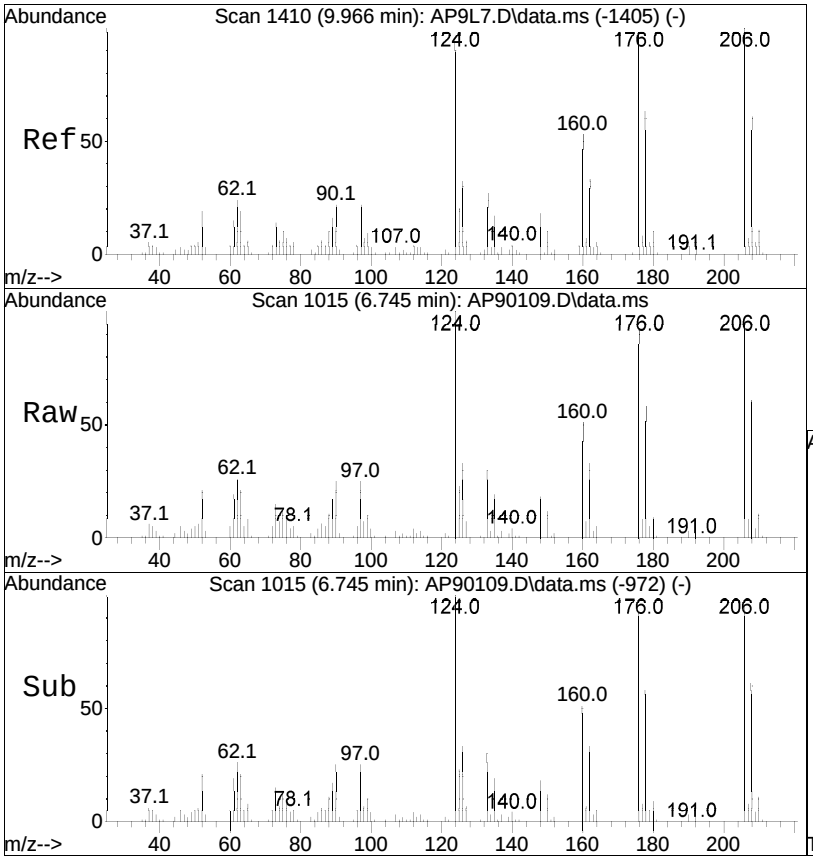


#62
Biphenyl
Concen: 47.98 ug/ml
RT: 5.259 min Scan# 762
Delta R.T. 0.000 min
Lab File: AP90109.D
Acq: 9 Jan 2026 10:19 am

Tgt Ion:154 Resp: 377347

Ion	Ratio	Lower	Upper
154	100		
153	44.0	33.8	50.8
152	31.0	23.0	34.6

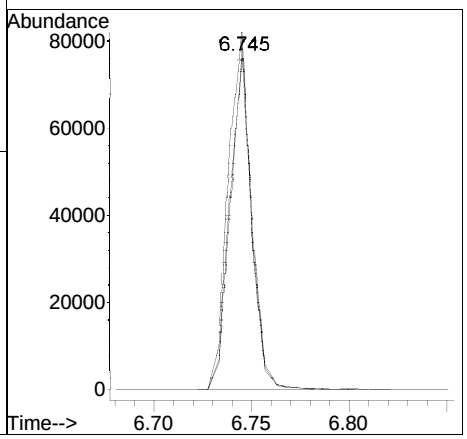


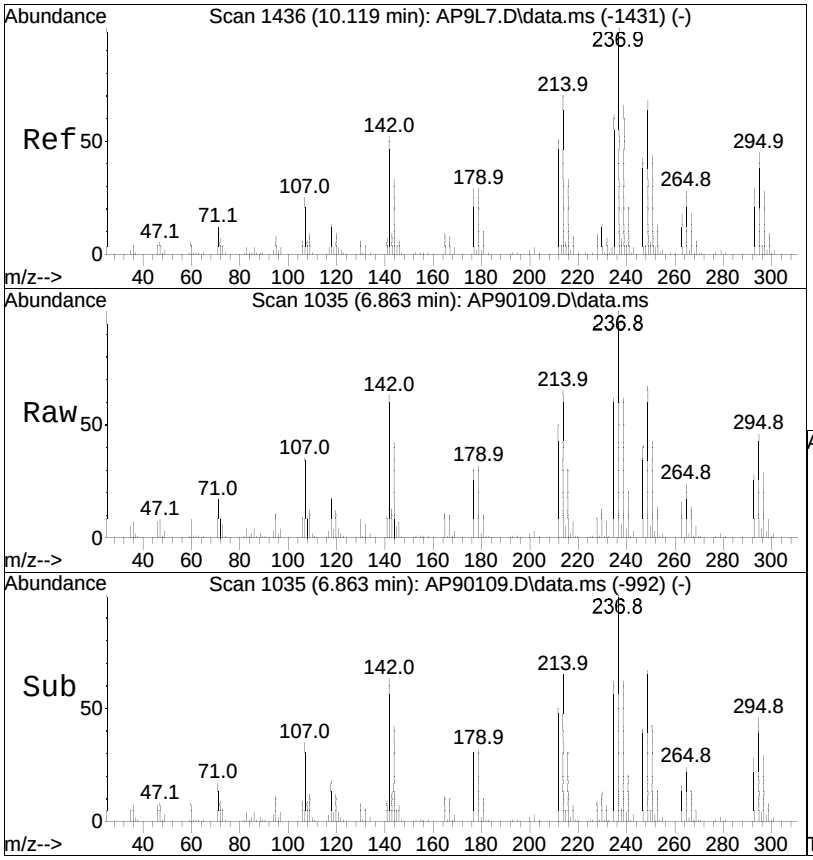


#84
Dichloran
Concen: 54.65 ug/ml
RT: 6.745 min Scan# 1015
Delta R.T. 0.000 min
Lab File: AP90109.D
Acq: 9 Jan 2026 10:19 am

Tgt Ion:206 Resp: 59779

Ion	Ratio	Lower	Upper
206	100		
176	99.2	82.7	124.1
124	110.6	86.2	129.4

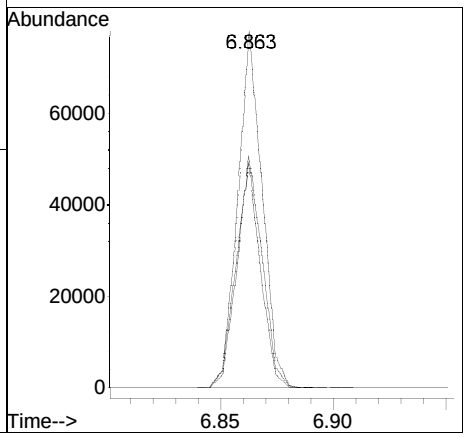


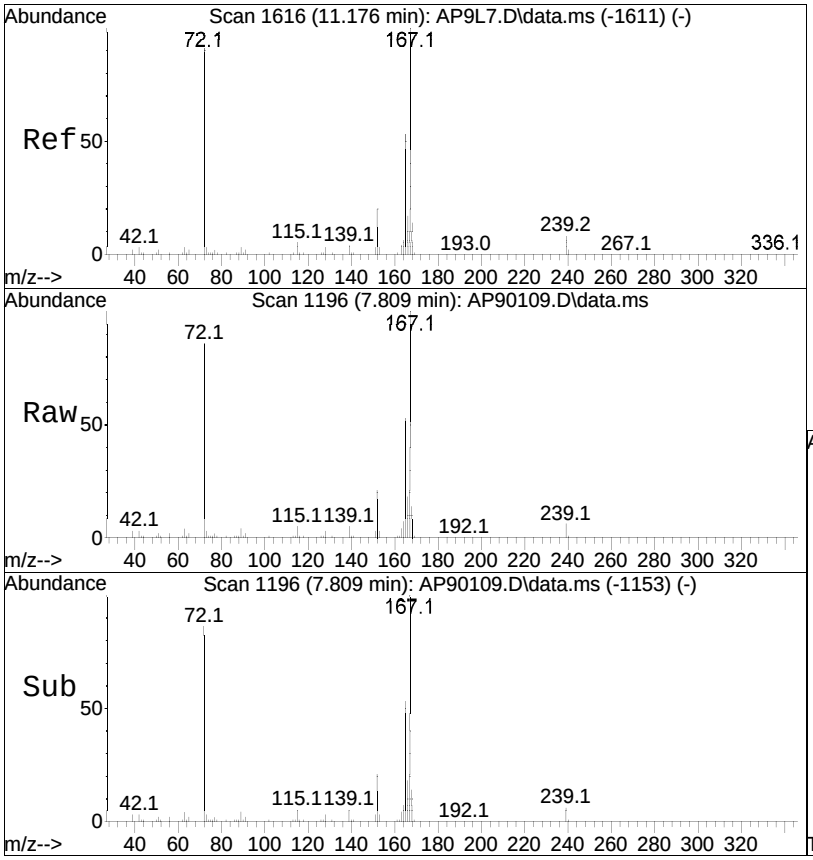


#85
Pentachloronitrobenzene
Concen: 48.04 ug/ml
RT: 6.863 min Scan# 1035
Delta R.T. 0.000 min
Lab File: AP90109.D
Acq: 9 Jan 2026 10:19 am

Tgt Ion:237 Resp: 58513

Ion	Ratio	Lower	Upper
237	100		
142	63.5	57.4	86.2
214	66.9	55.0	82.6

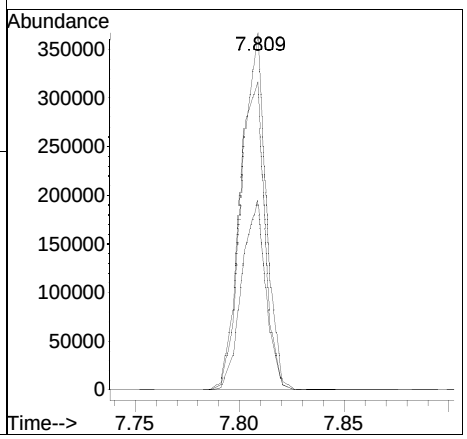




#99
Diphenamid
Concen: 53.16 ug/ml
RT: 7.809 min Scan# 1196
Delta R.T. 0.000 min
Lab File: AP90109.D
Acq: 9 Jan 2026 10:19 am

Tgt Ion:167 Resp: 293155

Ion	Ratio	Lower	Upper
167	100		
72	91.2	95.0	142.6#
165	53.4	40.4	60.6



Manual Integration Report

Data Path	: I:\8270\Mork\260109\	QMethod	: FS251209Mork.m
Data File	: AP90109.D	Operator	: Mork:jg
Date Inj'd	: 1/9/2026 10:19 am	Instrument	: Mork
Sample	: WG2163439-4,32,,AP9 12053	Quant Date	: 1/9/2026 10:47 am

There are no manual integrations or false positives in this file.

Evaluate Continuing Calibration Report

Data Path : I:\8270\Mork\260109\
Data File : ADP0109.D
Acq On : 9 Jan 2026 10:39 am
Operator : Mork:jg
Sample : WG2163439-5,32,,ADP 12023 gmr1227C
Misc : WG2163439,,ical22888
ALS Vial : 98 Sample Multiplier: 1

Quant Time: Jan 09 14:24:09 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:24:41 2026
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
32	I	IS3_1,4-Dichlorobenzene-d4	1.000	1.000	0.0	72	0.00
33	T	1,4-Dioxane	0.399	0.431	-8.0	84	0.00
34	T	n-Decane	0.806	0.709	12.0	65	0.00
86	I	IS3_Acenaphthene-d10	1.000	1.000	0.0	76	0.00
87	T	Atrazine	0.457	0.440	3.7	74	0.00
100	I	IS3_Phenanthrene-d10	1.000	1.000	0.0	76	0.00
101	T	n-Octadecane	0.247	0.245	0.8	79	0.00
102	T	Parathion	0.097	0.138	-42.3#	100	0.00
103	T	3,3'-Dimethylbenzidine	0.882	0.861	2.4	71	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260109\
Data File : ADP0109.D
Acq On : 9 Jan 2026 10:39 am
Operator : Mork:jg
Sample : WG2163439-5,32,,ADP 12023 gmr1227C
Misc : WG2163439,,ical22888
ALS Vial : 98 Sample Multiplier: 1

Quant Time: Jan 09 14:24:09 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:24:41 2026
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublist

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
32) IS3_1,4-Dichlorobenzen...	3.143	152	80476	40.000	ug/ml	0.00
86) IS3_Acenaphthene-d10	5.729	164	181013	40.000	ug/ml	0.00
100) IS3_Phenanthrene-d10	6.986	188	404426	40.000	ug/ml	0.00
System Monitoring Compounds						
Target Compounds						Qvalue
33) 1,4-Dioxane	0.893	88	43322	53.978	ug/ml	88
34) n-Decane	3.061	57	71364	44.019	ug/ml#	86
87) Atrazine	6.833	200	99543	48.172	ug/ml#	88
101) n-Octadecane	7.015	57	123909	49.565	ug/ml	93
102) Parathion	7.709	109	69603	70.853	ug/ml	94
103) 3,3'-Dimethylbenzidine	8.807	212	435065	48.801	ug/ml	97

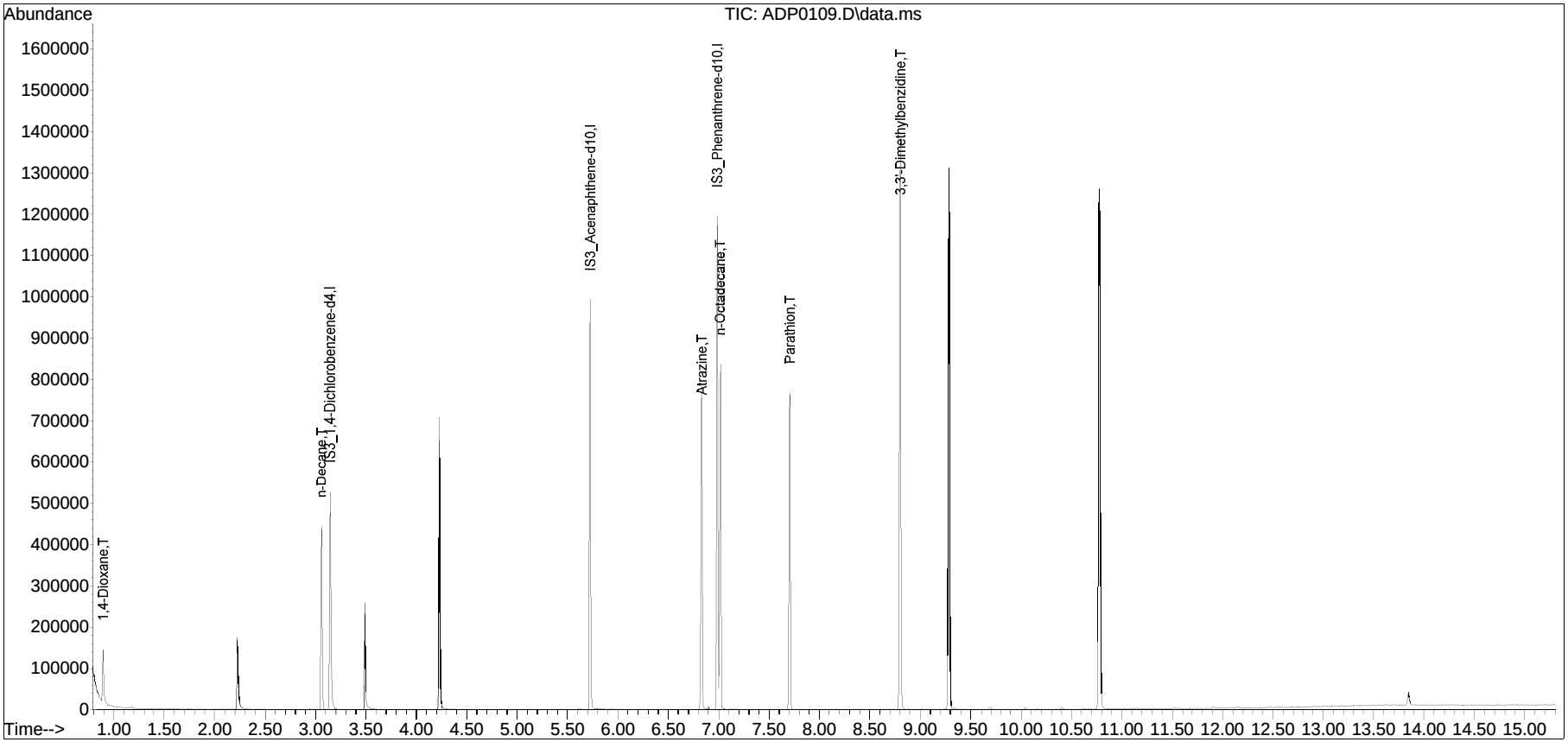
(#) = qualifier out of range (m) = manual integration (+) = signals summed

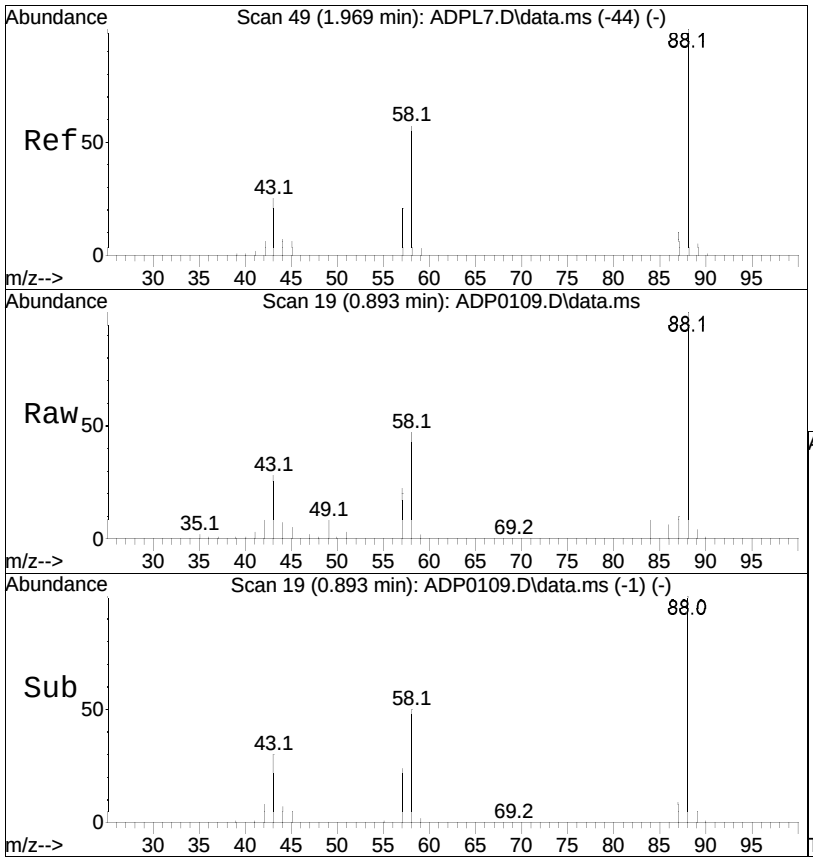
Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260109\
Data File : ADP0109.D
Acq On : 9 Jan 2026 10:39 am
Operator : Mork:jg
Sample : WG2163439-5,32,,ADP 12023 gmr1227C
Misc : WG2163439,,ical22888
ALS Vial : 98 Sample Multiplier: 1

Quant Time: Jan 09 14:24:09 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:24:41 2026
Response via : Initial Calibration

Sub List : ADPical_REV2 - ADP sublist

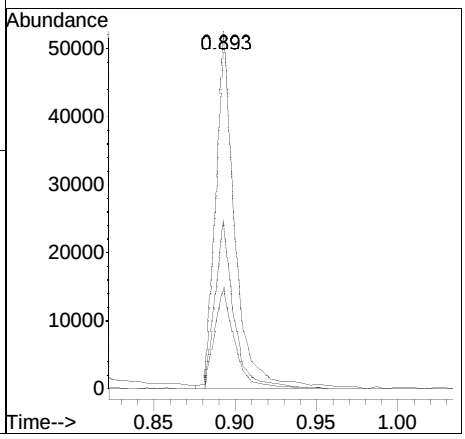


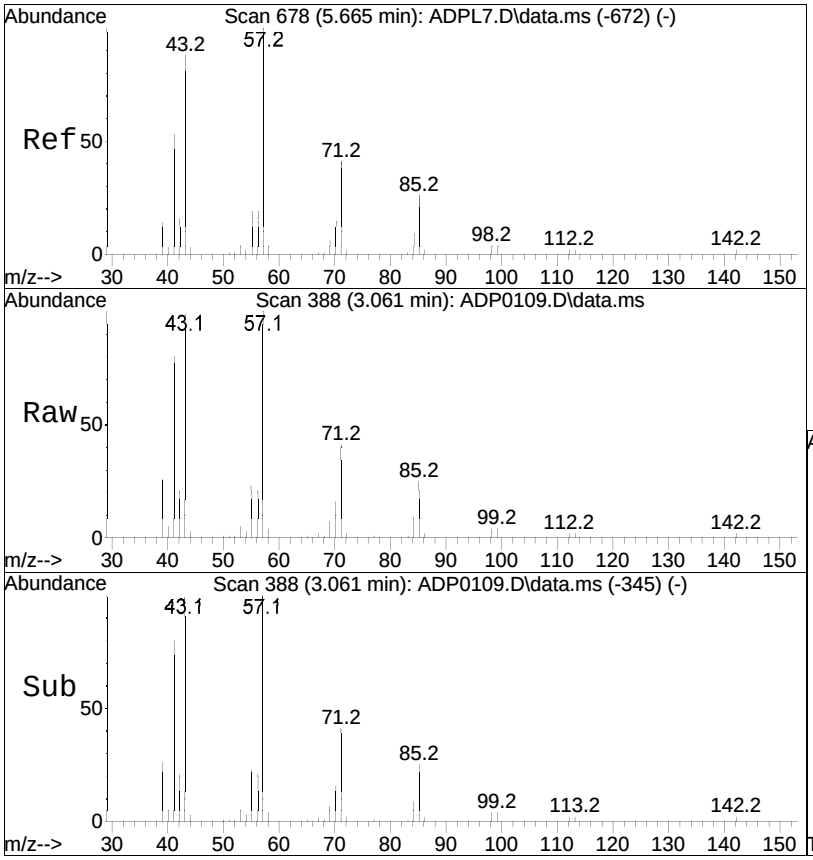


#33
1,4-Dioxane
Concen: 53.98 ug/ml
RT: 0.893 min Scan# 19
Delta R.T. -0.000 min
Lab File: ADP0109.D
Acq: 9 Jan 2026 10:39 am

Tgt Ion: 88 Resp: 43322

Ion	Ratio	Lower	Upper
88	100		
58	45.7	44.8	67.2
43	29.7	20.8	31.2

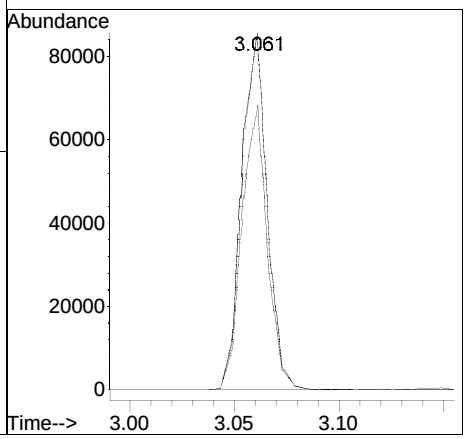


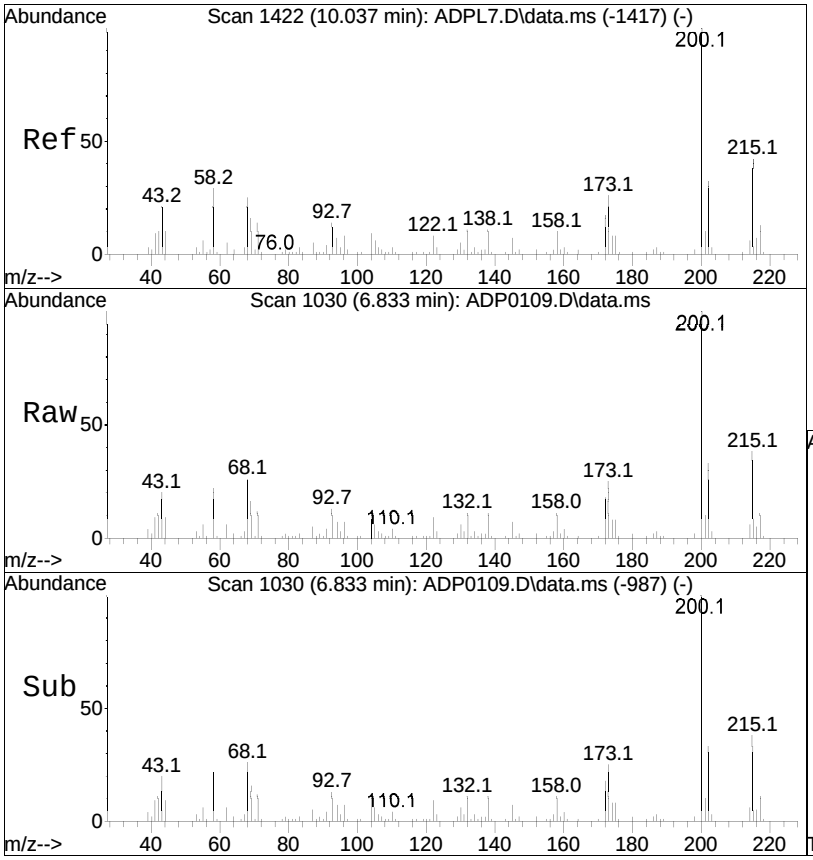


#34
n-Decane
Concen: 44.02 ug/ml
RT: 3.061 min Scan# 388
Delta R.T. 0.000 min
Lab File: ADP0109.D
Acq: 9 Jan 2026 10:39 am

Tgt Ion: 57 Resp: 71364

Ion	Ratio	Lower	Upper
57	100		
43	100.5	84.2	126.2
41	80.2	45.8	68.8#

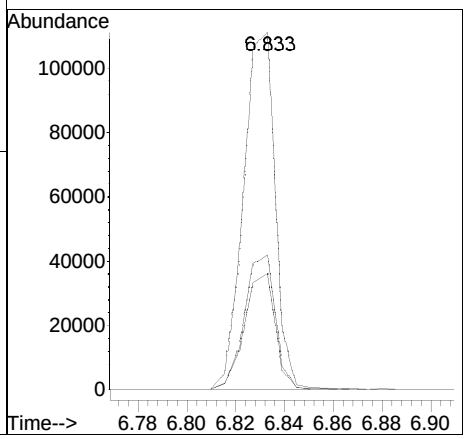


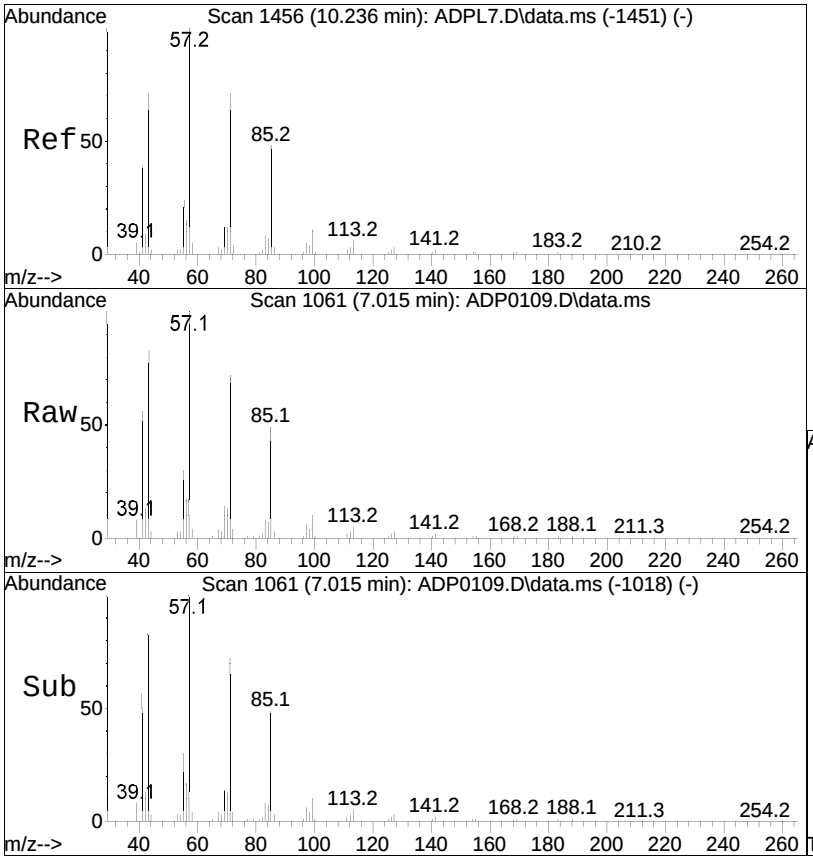


#87
Atrazine
Concen: 48.17 ug/ml
RT: 6.833 min Scan# 1030
Delta R.T. 0.000 min
Lab File: ADP0109.D
Acq: 9 Jan 2026 10:39 am

Tgt Ion:200 Resp: 99543

Ion	Ratio	Lower	Upper
200	100		
202	31.8	25.8	38.8
215	37.0	40.3	60.5#

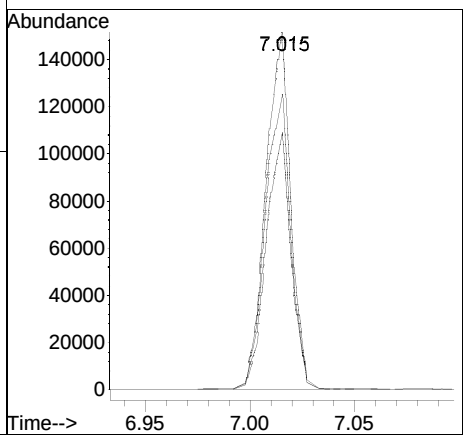


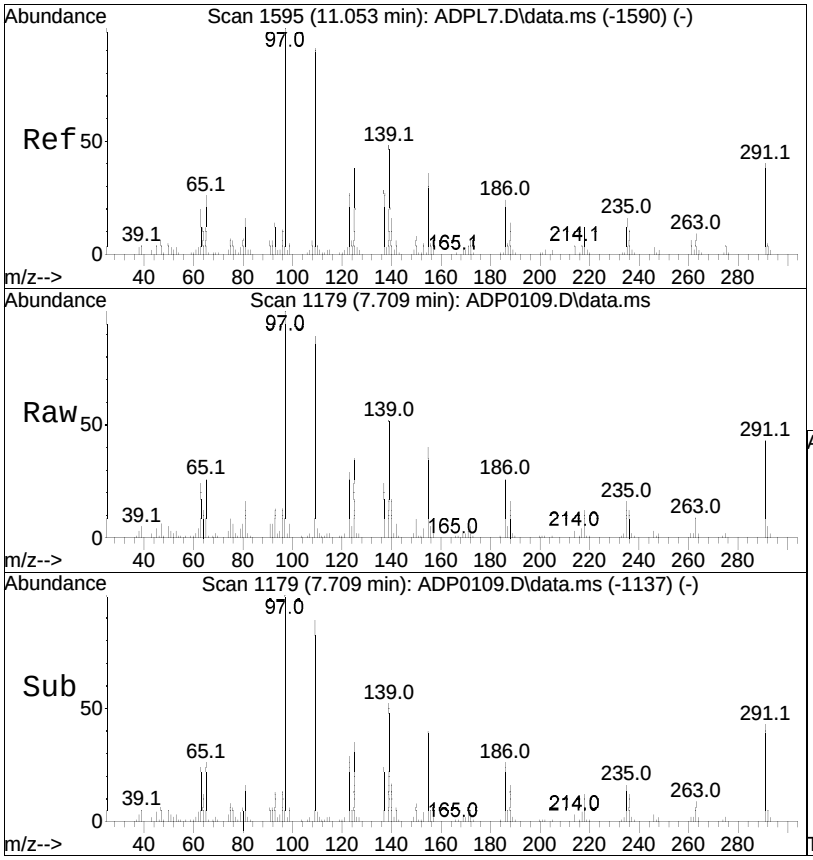


#101
n-Octadecane
Concen: 49.56 ug/ml
RT: 7.015 min Scan# 1061
Delta R.T. 0.000 min
Lab File: ADP0109.D
Acq: 9 Jan 2026 10:39 am

Tgt Ion: 57 Resp: 123909

Ion	Ratio	Lower	Upper
57	100		
43	85.0	65.0	97.4
71	71.9	50.5	75.7

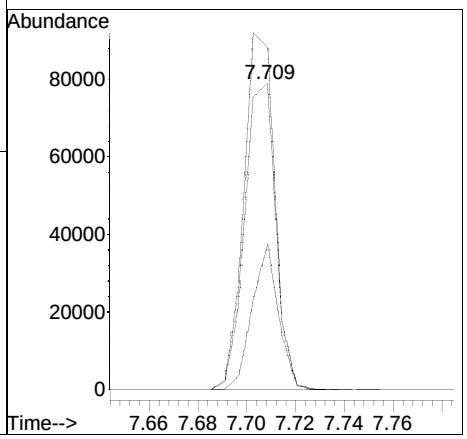


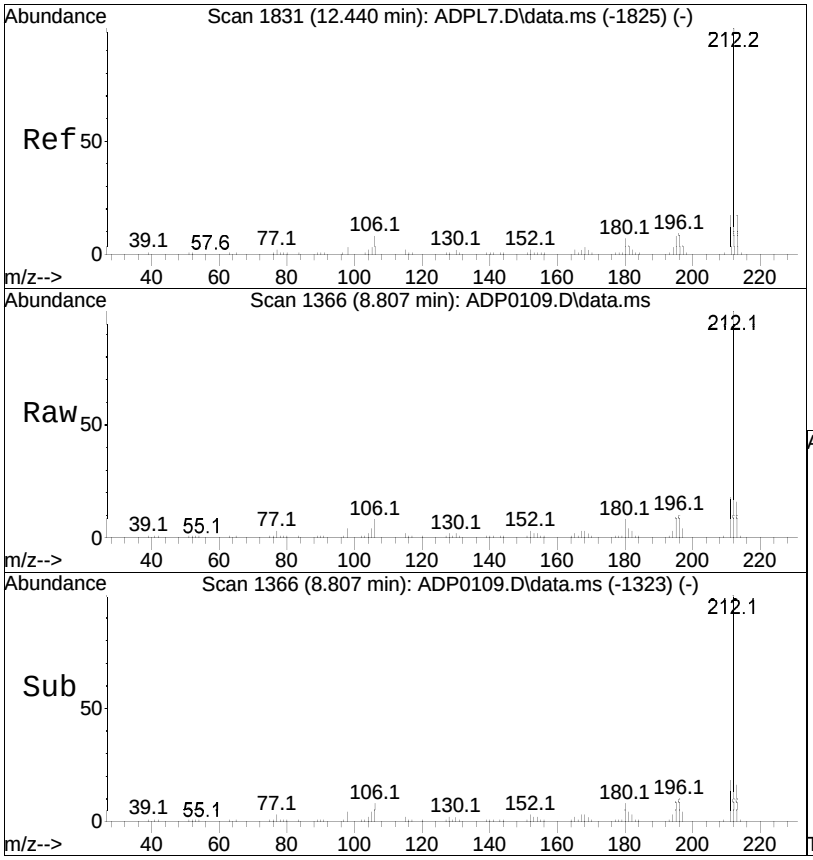


#102
Parathion
Concen: 70.85 ug/ml
RT: 7.709 min Scan# 1179
Delta R.T. -0.000 min
Lab File: ADP0109.D
Acq: 9 Jan 2026 10:39 am

Tgt Ion:109 Resp: 69603

Ion	Ratio	Lower	Upper
109	100		
97	115.7	88.6	133.0
291	40.3	36.5	54.7

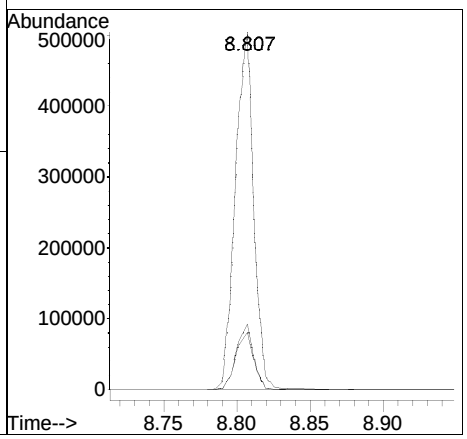




#103
3,3'-Dimethylbenzidine
Concen: 48.80 ug/ml
RT: 8.807 min Scan# 1366
Delta R.T. 0.000 min
Lab File: ADP0109.D
Acq: 9 Jan 2026 10:39 am

Tgt Ion:212 Resp: 435065

Ion	Ratio	Lower	Upper
212	100		
211	17.6	13.2	19.8
213	16.1	13.9	20.9



Manual Integration Report

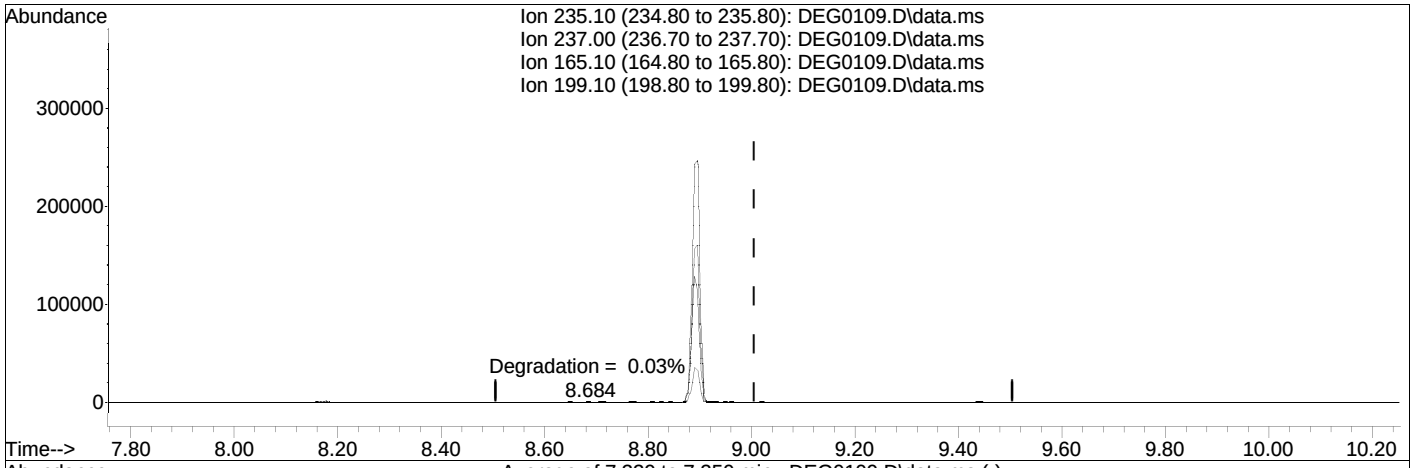
Data Path	: I:\8270\Mork\260109\	QMethod	: FS251209Mork.m
Data File	: ADP0109.D	Operator	: Mork:jg
Date Inj'd	: 1/9/2026 10:39 am	Instrument	: Mork
Sample	: WG2163439-5,32,,ADP 12023	Quant Date	: 1/9/2026 2:24 pm

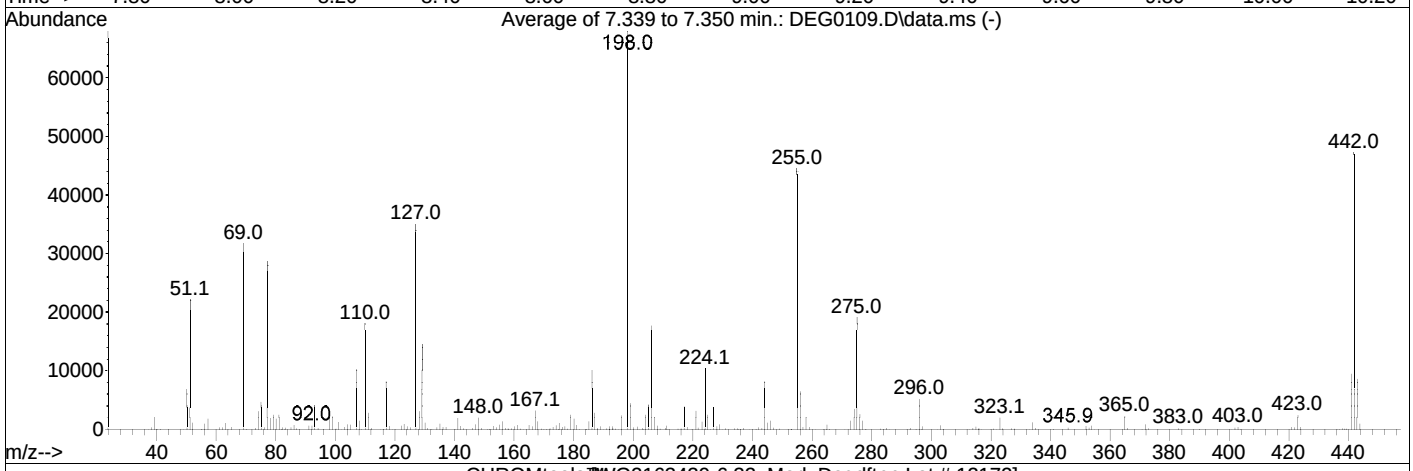
There are no manual integrations or false positives in this file.

Quantitation Report (Qedit)

Data Path : I:\8270\Mork\260109\
Data File : DEG0109.D
Acq On : 9 Jan 2026 9:39 am
Operator : Mork:jg
Sample : WG2163439-2,32,,Mork Degdftpp Lot # 12172
Misc : WG2163439,,ical22888
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Jan 09 10:09:03 2026
Quant Method : I:\8270\Mork\260109\DftppMork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Jan 06 07:06:50 2026
Response via : Initial Calibration





CHROMtools [WG2163439-6,32,,Mork Degdftpp Lot # 12172]

(6) DDT (T)

8.896min (-0.109) 39.74

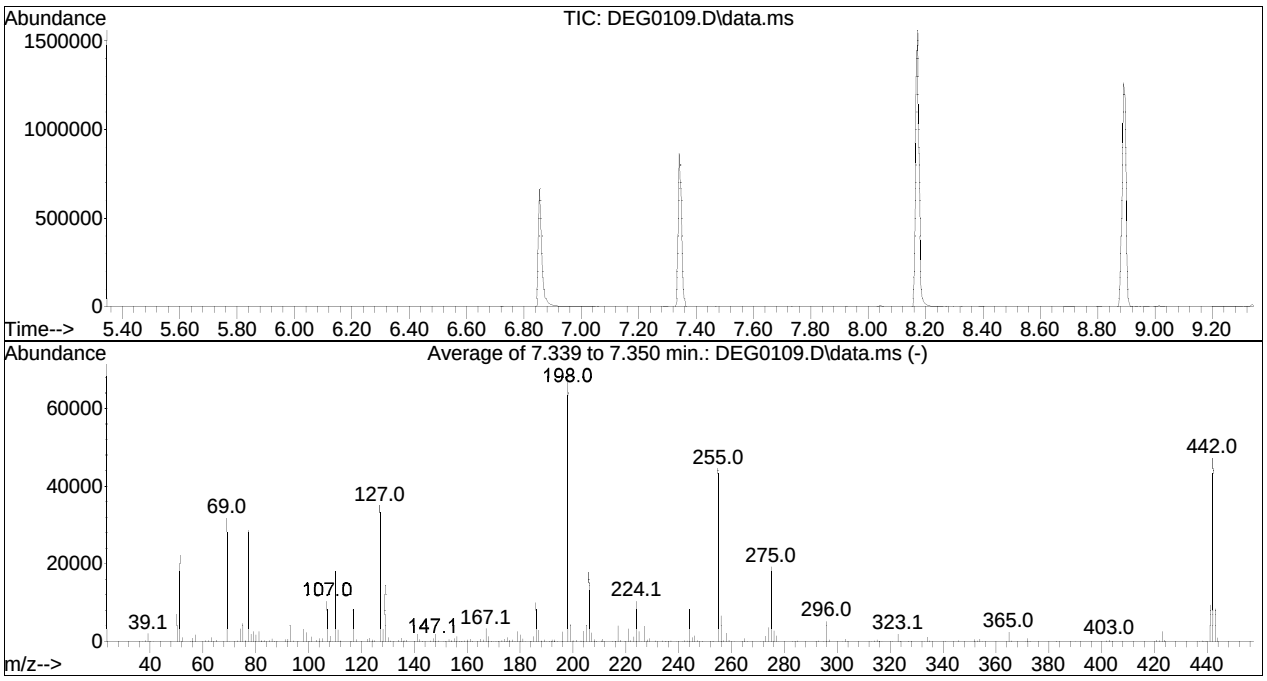
response 242222

Ion	Exp%	Act%
235.10	100.00	100.00
237.00	66.20	64.76
165.10	43.90	49.85
199.10	13.50	13.92

Data Path : I:\8270\Mork\260109\
Data File : DEG0109.D
Acq On : 9 Jan 2026 9:39 am
Operator : Mork:gmr
Sample : WG2163439-1,32,,Mork Degdftpp Lot # 12172
Misc : WG2163439,,ical22888
ALS Vial : 100 Sample Multiplier: 1

Integration File: rteint.p

Method : I:\8270\Mork\260109\FS251209Mork.m
Title : Semivolatiles by GC/MS by modified 8270
Last Update : Fri Jan 09 10:47:02 2026



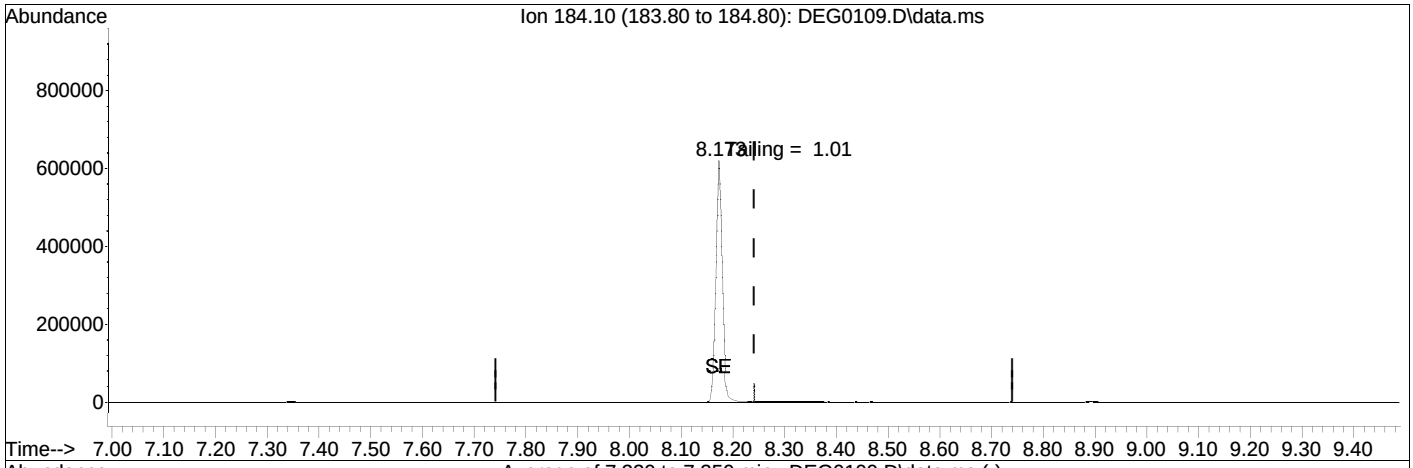
Spectrum Information: Average of 7.339 to 7.350 min.

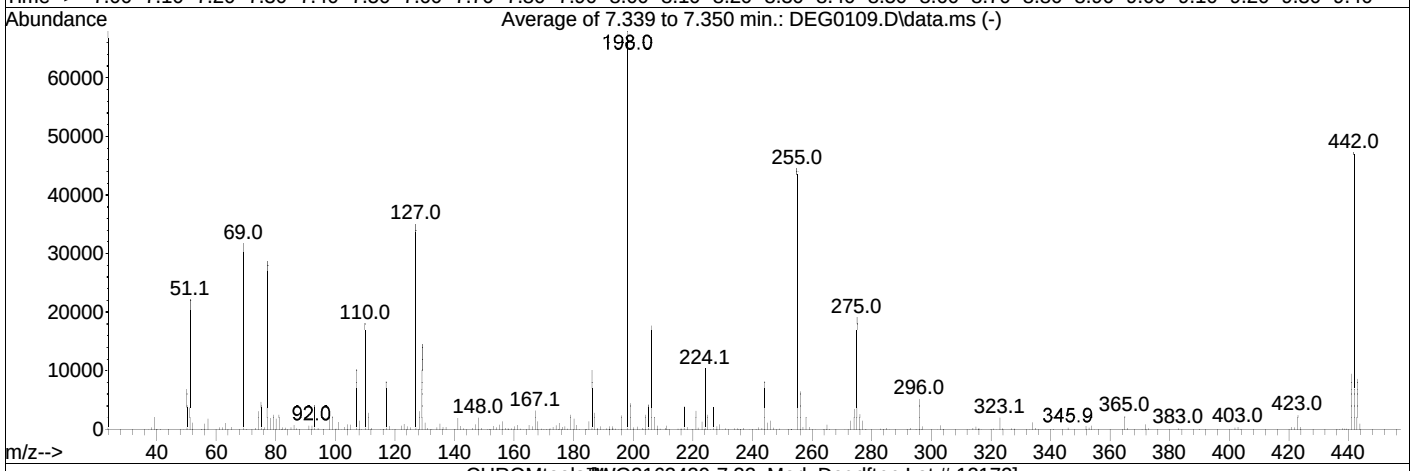
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	32.6	22141	PASS
68	69	0.00	2	0.0	0	PASS
69	69	100	100	100.0	31720	PASS
70	69	0.00	2	0.3	107	PASS
127	198	10	80	51.5	35005	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	67965	PASS
199	198	5	9	6.6	4465	PASS
275	198	10	60	28.2	19144	PASS
365	198	1	100	3.5	2364	PASS
441	442	0.01	24	19.9	9417	PASS
442	198	50	100	69.5	47217	PASS
443	442	15	24	18.3	8621	PASS

Quantitation Report (Qedit)

Data Path : I:\8270\Mork\260109\
Data File : DEG0109.D
Acq On : 9 Jan 2026 9:39 am
Operator : Mork:jg
Sample : WG2163439-6,32,,Mork Degdftpp Lot # 12172
Misc : WG2163439,,ical22888
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Jan 09 10:09:03 2026
Quant Method : I:\8270\Mork\260109\DftppMork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Jan 06 07:06:50 2026
Response via : Initial Calibration





CHROMtools [WG2163439-7,32,,Mork Degdftpp Lot # 12172]

(3) Benzidine (T)

8.173min (-0.068) 50.69

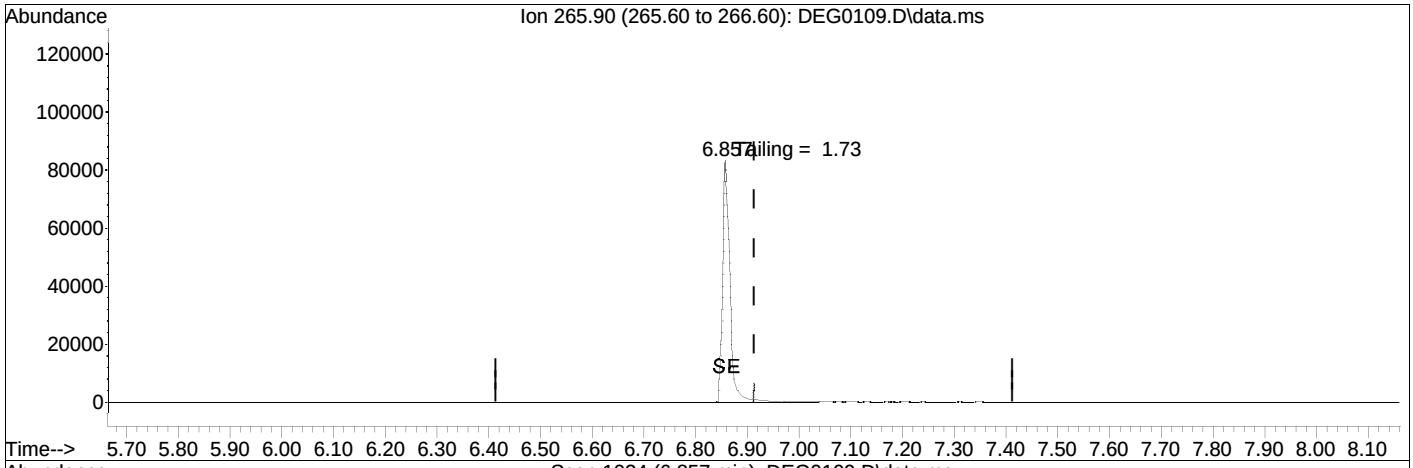
response 516058

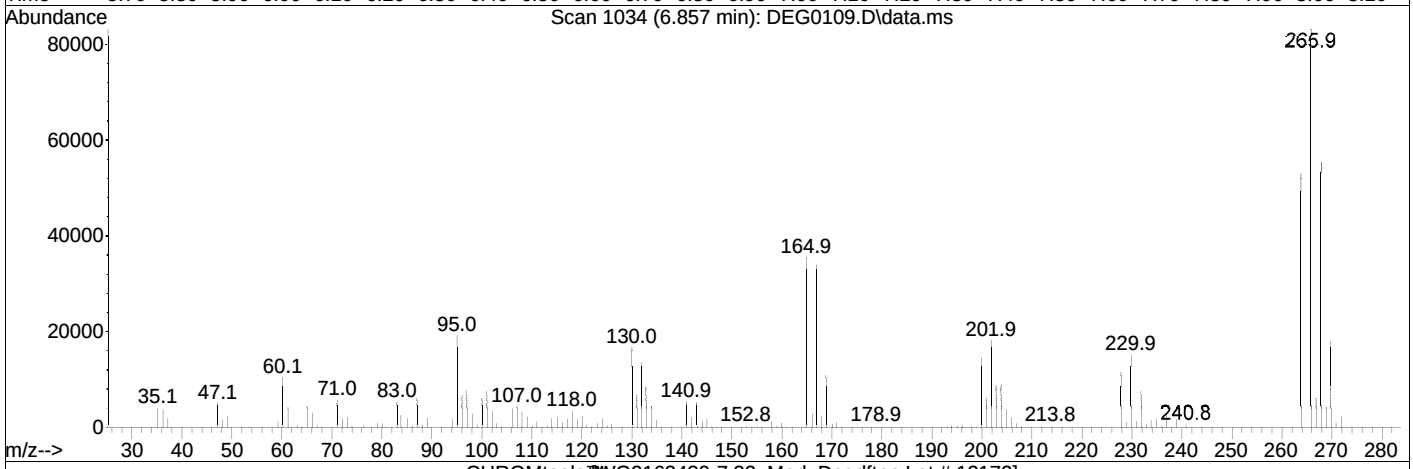
Ion	Exp%	Act%
184.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : I:\8270\Mork\260109\
Data File : DEG0109.D
Acq On : 9 Jan 2026 9:39 am
Operator : Mork:jg
Sample : WG2163439-7,32,,Mork Degdftpp Lot # 12172
Misc : WG2163439,,ical22888
ALS Vial : 100 Sample Multiplier: 1

Quant Time: Jan 09 10:09:03 2026
Quant Method : I:\8270\Mork\260109\DftppMork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Tue Jan 06 07:06:50 2026
Response via : Initial Calibration





CHROMtools [WG2163439-7,32,,Mork Degdftpp Lot # 12172]

(1) Pentachlorophenol (T)

6.857min (-0.056) 36.61

response 76885

Ion	Exp%	Act%
265.90	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Semivolatiles Raw QC Data

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260109\
Data File : 163236-1.D
Acq On : 9 Jan 2026 3:37 pm
Operator : Mork:jg
Sample : WG2163236-1,32,,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 09 17:10:20 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.143	152	98619	40.000	ug/ml		0.00
Standard Area 1 = 86645			Recovery = 113.82%				
27) IS2_1,4-Dichlorobenzen...	3.143	152	98619	40.000	ug/ml		0.00
Standard Area 3 = 92004			Recovery = 107.19%				
32) IS3_1,4-Dichlorobenzen...	3.143	152	98619	40.000	ug/ml		0.00
Standard Area 2 = 80476			Recovery = 122.54%				
35) IS1_Naphthalene-d8	4.230	136	391813	40.000	ug/ml	#	0.00
Standard Area 1 = 319179			Recovery = 122.76%				
55) IS2_Naphthalene-d8	4.230	136	391813	40.000	ug/ml	#	0.00
Standard Area 3 = 342158			Recovery = 114.51%				
63) IS1_Acenaphthene-d10	5.729	164	253534	40.000	ug/ml		0.00
Standard Area 1 = 187686			Recovery = 135.08%				
83) IS2_Acenaphthene-d10	5.729	164	253534	40.000	ug/ml		0.00
Standard Area 3 = 203899			Recovery = 124.34%				
86) IS3_Acenaphthene-d10	5.729	164	253534	40.000	ug/ml		0.00
Standard Area 2 = 181013			Recovery = 140.06%				
88) IS1_Phenanthrene-d10	6.986	188	552037	40.000	ug/ml		0.00
Standard Area 1 = 419338			Recovery = 131.64%				
100) IS3_Phenanthrene-d10	6.986	188	552037	40.000	ug/ml		0.00
Standard Area 2 = 404426			Recovery = 136.50%				
104) IS1_Chrysene-d12	9.289	240	633841	40.000	ug/ml		0.00
Standard Area 1 = 495949			Recovery = 127.80%				
113) IS1_Perylene-d12	10.788	264	811459	40.000	ug/ml		0.00
Standard Area 1 = 628021			Recovery = 129.21%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.051	112	105279	44.429	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 88.86%				
7) Phenol-d6	2.914	99	134081	45.637	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 91.27%				
19) Nitrobenzene-d5	3.631	82	61665	23.490	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.96%				
46) 2-Fluorobiphenyl	5.188	172	172084	18.021	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 72.08%				
79) 2,4,6-Tribromophenol	6.410	330	81743	40.238	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 80.48%				

Data Path : I:\8270\Mork\260109\
Data File : 163236-1.D
Acq On : 9 Jan 2026 3:37 pm
Operator : Mork:jg
Sample : WG2163236-1,32,,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 09 17:10:20 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	8.390	244	319649	21.127	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 84.51%

Target Compounds				Qvalue
6) 2-Chlorophenol	0.000	0	N.D.	
8) Phenol	0.000	0	N.D.	
9) Bis(2-chloroethyl)ether	0.000	0	N.D.	
14) Bis(2-chloroisopropyl)...	0.000	0	N.D.	
15) 2-Methylphenol	0.000	0	N.D.	
16) Hexachloroethane	0.000	0	N.D.	
17) n-Nitrosodi-n-propylamine	0.000	0	N.D.	d
18) 3-Methylphenol/4-Methy...	0.000	0	N.D.	
20) Nitrobenzene	0.000	0	N.D.	
21) Isophorone	0.000	0	N.D.	d
22) 2-Nitrophenol	0.000	0	N.D.	
23) 2,4-Dimethylphenol	0.000	0	N.D.	
24) Bis(2-chloroethoxy)met...	0.000	0	N.D.	
25) 2,4-Dichlorophenol	0.000	0	N.D.	
28) Benzaldehyde	0.000	0	N.D.	
29) Acetophenone	0.000	0	N.D.	
33) 1,4-Dioxane	0.000	0	N.D.	d
36) Naphthalene	0.000	0	N.D.	
38) 4-Chloroaniline	0.000	0	N.D.	
39) Hexachlorobutadiene	0.000	0	N.D.	
40) p-Chloro-m-cresol	0.000	0	N.D.	
41) 2-Methylnaphthalene	0.000	0	N.D.	
43) Hexachlorocyclopentadiene	0.000	0	N.D.	
44) 2,4,6-Trichlorophenol	0.000	0	N.D.	
45) 2,4,5-Trichlorophenol	0.000	0	N.D.	
47) 2-Chloronaphthalene	0.000	0	N.D.	
48) 2-Nitroaniline	0.000	0	N.D.	
51) Dimethyl phthalate	0.000	0	N.D.	d
52) Acenaphthylene	0.000	0	N.D.	
53) 2,6-Dinitrotoluene	0.000	0	N.D.	d
60) Caprolactam	0.000	0	N.D.	
61) 1,2,4,5-Tetrachloroben...	0.000	0	N.D.	
62) Biphenyl	0.000	0	N.D.	

Data Path : I:\8270\Mork\260109\
Data File : 163236-1.D
Acq On : 9 Jan 2026 3:37 pm
Operator : Mork:jg
Sample : WG2163236-1,32,,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 09 17:10:20 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 3-Nitroaniline	0.000		0	N.D.		
65) Acenaphthene	0.000		0	N.D.	d	
66) 2,4-Dinitrophenol	0.000		0	N.D.		
67) Dibenzofuran	0.000		0	N.D.		
68) 2,4-Dinitrotoluene	0.000		0	N.D.	d	
69) 4-Nitrophenol	0.000		0	N.D.		
71) 2,3,4,6-Tetrachlorophenol	0.000		0	N.D.		
72) Diethyl phthalate	0.000		0	N.D.		
73) Fluorene	0.000		0	N.D.	d	
74) 4-Chlorophenyl phenyl ...	0.000		0	N.D.		
75) 4-Nitroaniline	0.000		0	N.D.		
76) 4,6-Dinitro-o-cresol	0.000		0	N.D.		
77) NDPA/DPA	0.000		0	N.D.	d	
80) 4-Bromophenyl phenyl e...	0.000		0	N.D.	d	
81) Hexachlorobenzene	0.000		0	N.D.		
82) Pentachlorophenol	0.000		0	N.D.		
87) Atrazine	0.000		0	N.D.		
89) Phenanthrene	0.000		0	N.D.	d	
90) Anthracene	0.000		0	N.D.	d	
91) Carbazole	0.000		0	N.D.		
92) Di-n-butylphthalate	0.000		0	N.D.	d	
93) Fluoranthene	0.000		0	N.D.		
95) Pyrene	0.000		0	N.D.	d	
97) Butyl benzyl phthalate	0.000		0	N.D.		
105) Benzo(a)anthracene	0.000		0	N.D.	d	
106) 3,3'-Dichlorobenzidine	0.000		0	N.D.		
107) Chrysene	0.000		0	N.D.	d	
108) Bis(2-ethylhexyl)phtha...	0.000		0	N.D.	d	
109) Di-n-octylphthalate	0.000		0	N.D.	d	
110) Benzo(b)fluoranthene	0.000		0	N.D.		
111) Benzo(k)fluoranthene	0.000		0	N.D.		
112) Benzo(a)pyrene	0.000		0	N.D.	d	
114) Indeno(1,2,3-cd)pyrene	0.000		0	N.D.		
115) Dibenzo(a,h)anthracene	0.000		0	N.D.		
116) Benzo(ghi)perylene	0.000		0	N.D.		

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

Data Path : I:\8270\Mork\260109\
Data File : 163236-1.D
Acq On : 9 Jan 2026 3:37 pm
Operator : Mork:jg
Sample : WG2163236-1,32,,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 09 17:10:20 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

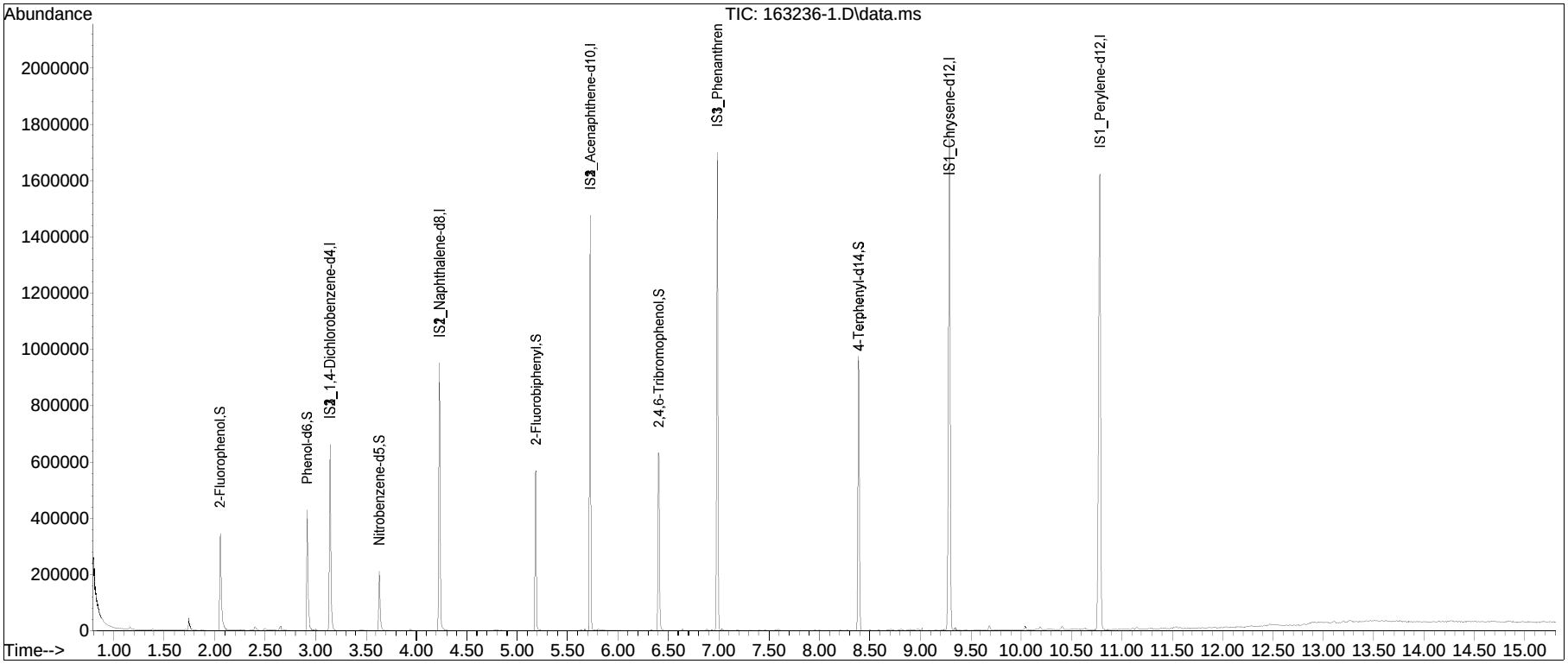
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260109\
Data File : 163236-1.D
Acq On : 9 Jan 2026 3:37 pm
Operator : Mork:jg
Sample : WG2163236-1,32,,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Jan 09 17:10:20 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAAP90109.D•



Manual Integration Report

Data Path	: I:\8270\Mork\260109\	QMethod	: FS251209Mork.m
Data File	: 163236-1.D	Operator	: Mork:jg
Date Inj'd	: 1/9/2026 3:37 pm	Instrument	: Mork
Sample	: WG2163236-1,32,,gmr	Quant Date	: 1/9/2026 3:53 pm

There are no manual integrations or false positives in this file.

LSC Area Percent Report

Data Path : I:\8270\Mork\260109\
Data File : 163236-1.D
Acq On : 9 Jan 2026 3:37 pm
Operator : Mork:jg
Sample : WG2163236-1,32,,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 15 Sample Multiplier: 1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 500 Area counts
Start Thrs: 0.001 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : I:\8270\Mork\260109\FS251209Mork.m
Title : Semivolatiles by GC/MS by modified 8270

Signal : TIC: 163236-1.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.739	161	163	173	rBV	41233	44141	2.00%	0.415%
2	2.051	213	216	234	rVB	344952	363806	16.51%	3.424%
3	2.914	360	363	375	rBV	428844	395081	17.93%	3.718%
4	3.143	399	402	413	rBV	661318	551207	25.02%	5.188%
5	3.631	482	485	495	rBV	210857	176651	8.02%	1.663%
6	4.230	584	587	590	rBV	950299	736481	33.43%	6.932%
7	5.188	746	750	753	rBV	568080	487351	22.12%	4.587%
8	5.729	838	842	845	rBV	1476880	1092271	49.57%	10.280%
9	6.404	954	957	963	rBV	632731	586673	26.63%	5.522%
10	6.986	1052	1056	1059	rBV	1700095	1355519	61.52%	12.758%
11	8.384	1291	1294	1298	rBV	975261	869391	39.46%	8.183%
12	9.289	1443	1448	1452	rBV	1794235	1762858	80.01%	16.592%
13	10.788	1696	1703	1714	rBV	1620178	2203362	100.00%	20.738%

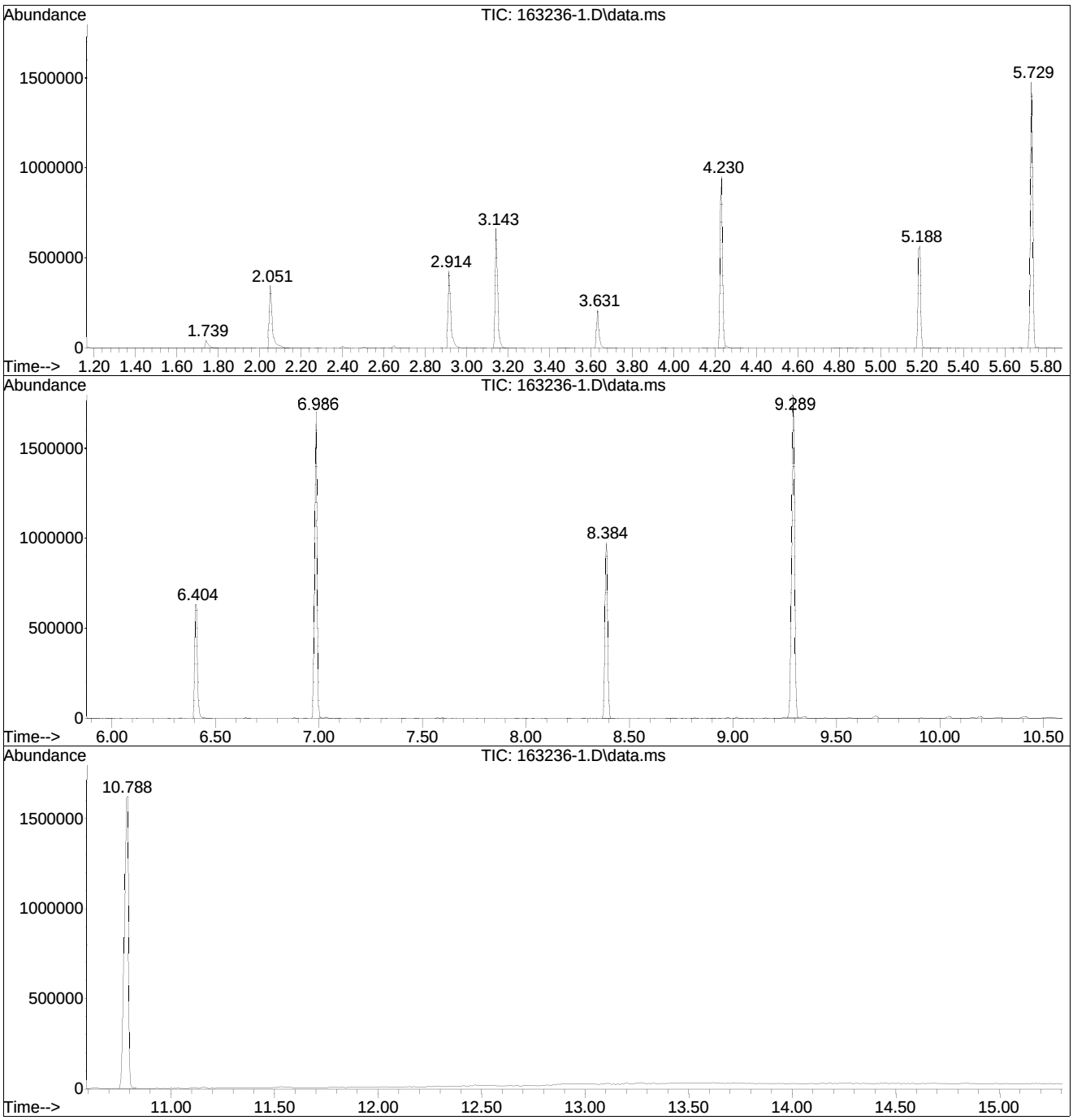
Sum of corrected areas: 10624792

LSC Report - Integrated Chromatogram

Data Path : I:\8270\Mork\260109\
Data File : 163236-1.D
Acq On : 9 Jan 2026 3:37 pm
Operator : Mork:jg
Sample : WG2163236-1,32,,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 15 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : I:\8270\Mork\260109\
Data File : 163236-1.D
Acq On : 9 Jan 2026 3:37 pm
Operator : Mork:jg
Sample : WG2163236-1,32,,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 15 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Tentatively Identified Compound (LSC) summary

Data Path : I:\8270\Mork\260109\
Data File : 163236-1.D
Acq On : 9 Jan 2026 3:37 pm
Operator : Mork:jg
Sample : WG2163236-1,32,,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 15 Sample Multiplier: 1

Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270

TIC Library : I:\nist-db\NIST02.L
TIC Integration Parameters: LSCINT.P

						Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260109\
Data File : 163236-2.D
Acq On : 9 Jan 2026 2:17 pm
Operator : Mork:jg
Sample : WG2163236-2,32,,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 09 17:11:14 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:00:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.143	152	78824	40.000	ug/ml		0.00
Standard Area 1 = 86645			Recovery = 90.97%				
27) IS2_1,4-Dichlorobenzen...	3.143	152	78824	40.000	ug/ml		0.00
Standard Area 3 = 92004			Recovery = 85.67%				
32) IS3_1,4-Dichlorobenzen...	3.143	152	78824	40.000	ug/ml		0.00
Standard Area 2 = 80476			Recovery = 97.95%				
35) IS1_Naphthalene-d8	4.230	136	283691	40.000	ug/ml	#	0.00
Standard Area 1 = 319179			Recovery = 88.88%				
55) IS2_Naphthalene-d8	4.230	136	283691	40.000	ug/ml	#	0.00
Standard Area 3 = 342158			Recovery = 82.91%				
63) IS1_Acenaphthene-d10	5.729	164	177125	40.000	ug/ml		0.00
Standard Area 1 = 187686			Recovery = 94.37%				
83) IS2_Acenaphthene-d10	5.729	164	177125	40.000	ug/ml		0.00
Standard Area 3 = 203899			Recovery = 86.87%				
86) IS3_Acenaphthene-d10	5.729	164	177125	40.000	ug/ml		0.00
Standard Area 2 = 181013			Recovery = 97.85%				
88) IS1_Phenanthrene-d10	6.986	188	380234	40.000	ug/ml		0.00
Standard Area 1 = 419338			Recovery = 90.67%				
100) IS3_Phenanthrene-d10	6.986	188	380234	40.000	ug/ml		0.00
Standard Area 2 = 404426			Recovery = 94.02%				
104) IS1_Chrysene-d12	9.289	240	493095	40.000	ug/ml		0.00
Standard Area 1 = 495949			Recovery = 99.42%				
113) IS1_Perylene-d12	10.787	264	691898	40.000	ug/ml		0.00
Standard Area 1 = 628021			Recovery = 110.17%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.056	112	77634	40.990	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 81.98%				
7) Phenol-d6	2.914	99	95665	40.739	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 81.48%				
19) Nitrobenzene-d5	3.631	82	43702	20.828	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 83.31%				
46) 2-Fluorobiphenyl	5.188	172	116372	16.831	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 67.32%				
79) 2,4,6-Tribromophenol	6.410	330	53643	37.797	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 75.59%				

Data Path : I:\8270\Mork\260109\
Data File : 163236-2.D
Acq On : 9 Jan 2026 2:17 pm
Operator : Mork:jg
Sample : WG2163236-2,32,,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 09 17:11:14 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:00:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	8.384	244	214491	20.582	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 82.33%

Target Compounds						Qvalue
6) 2-Chlorophenol	2.973	128	76265	33.654	ug/ml	95
8) Phenol	2.926	94	84243	34.469	ug/ml#	70
9) Bis(2-chloroethyl)ether	2.955	93	49551	27.623	ug/ml#	64
14) Bis(2-chloroisopropyl)...	3.425	45	47538	20.563	ug/ml#	49
15) 2-Methylphenol	3.443	108	65486	35.179	ug/ml	98
16) Hexachloroethane	3.561	117	31952	30.725	ug/ml#	81
17) n-Nitrosodi-n-propylamine	3.537	70	43615	30.116	ug/ml	93
18) 3-Methylphenol/4-Methy...	3.584	108	74485	37.764	ug/ml#	30
20) Nitrobenzene	3.649	77	69095	32.333	ug/ml	95
21) Isophorone	3.866	82	121024	31.615	ug/ml	94
22) 2-Nitrophenol	3.925	139	40114	33.184	ug/ml#	92
23) 2,4-Dimethylphenol	4.025	107	77383	34.806	ug/ml	96
24) Bis(2-chloroethoxy)met...	4.083	93	70581	29.487	ug/ml#	96
25) 2,4-Dichlorophenol	4.154	162	77372	32.721	ug/ml	98
28) Benzaldehyde	2.767	105	52059	31.439	ug/ml	89
29) Acetophenone	3.508	105	95222	34.046	ug/ml#	86
33) 1,4-Dioxane	0.887	88	18704	23.793	ug/ml#	77
36) Naphthalene	4.248	128	218757	31.189	ug/ml	99
38) 4-Chloroaniline	4.330	65	20245M3	26.967	ug/ml	
39) Hexachlorobutadiene	4.383	225	48131	23.729	ug/ml	100
40) p-Chloro-m-cresol	4.806	107	68171	33.932	ug/ml	95
41) 2-Methylnaphthalene	4.847	142	145508	30.709	ug/ml	93
43) Hexachlorocyclopentadiene	5.000	237	35101	15.710	ug/ml	96
44) 2,4,6-Trichlorophenol	5.123	196	61268	28.735	ug/ml	99
45) 2,4,5-Trichlorophenol	5.159	196	67464	28.776	ug/ml	96
47) 2-Chloronaphthalene	5.259	162	166457	29.448	ug/ml	95
48) 2-Nitroaniline	5.376	138	54984	35.315	ug/ml	100
51) Dimethyl phthalate	5.564	163	192413	28.224	ug/ml#	98
52) Acenaphthylene	5.605	152	282824	31.809	ug/ml	99
53) 2,6-Dinitrotoluene	5.599	165	40956	29.414	ug/ml#	50
60) Caprolactam	4.630	55	23391	30.212	ug/ml#	86
61) 1,2,4,5-Tetrachloroben...	5.000	216	88854	26.326	ug/ml	99
62) Biphenyl	5.259	154	192249	29.485	ug/ml	96

Data Path : I:\8270\Mork\260109\
Data File : 163236-2.D
Acq On : 9 Jan 2026 2:17 pm
Operator : Mork:jg
Sample : WG2163236-2,32,,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 09 17:11:14 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:00:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 3-Nitroaniline	5.734	138	39054	28.599	ug/ml#	94
65) Acenaphthene	5.758	154	146126	29.748	ug/ml	88
66) 2,4-Dinitrophenol	5.846	184	16392	18.665	ug/ml	94
67) Dibenzofuran	5.905	168	245214	29.648	ug/ml	97
68) 2,4-Dinitrotoluene	5.952	165	58863	31.073	ug/ml	95
69) 4-Nitrophenol	5.952	65	33218	35.971	ug/ml#	87
71) 2,3,4,6-Tetrachlorophenol	6.040	232	62266	31.128	ug/ml	99
72) Diethyl phthalate	6.175	149	201305	30.662	ug/ml	97
73) Fluorene	6.199	166	199436	30.665	ug/ml	89
74) 4-Chlorophenyl phenyl ...	6.228	204	94082	27.541	ug/ml	95
75) 4-Nitroaniline	6.257	138	45097	34.208	ug/ml#	81
76) 4,6-Dinitro-o-cresol	6.304	198	26306	23.000	ug/ml	94
77) NDPA/DPA	6.334	169	170409	30.373	ug/ml	94
80) 4-Bromophenyl phenyl e...	6.633	248	67625	28.305	ug/ml	98
81) Hexachlorobenzene	6.675	284	90634	30.828	ug/ml	94
82) Pentachlorophenol	6.863	266	55760	34.562	ug/ml	99
87) Atrazine	6.827	200	57781	28.576	ug/ml#	88
89) Phenanthrene	7.004	178	325607	31.674	ug/ml	99
90) Anthracene	7.051	178	336651	32.562	ug/ml	99
91) Carbazole	7.215	167	323274	33.973	ug/ml	97
92) Di-n-butylphthalate	7.579	149	372611	34.187	ug/ml	100
93) Fluoranthene	8.020	202	424685	33.011	ug/ml#	93
95) Pyrene	8.202	202	450999	33.548	ug/ml	99
97) Butyl benzyl phthalate	8.849	149	203515	39.063	ug/ml#	93
105) Benzo(a)anthracene	9.283	228	520844	32.221	ug/ml	99
106) 3,3'-Dichlorobenzidine	9.301	252	188240	27.888	ug/ml#	97
107) Chrysene	9.319	228	482160	32.902	ug/ml	98
108) Bis(2-ethylhexyl)phtha...	9.454	149	303375	36.433	ug/ml#	86
109) Di-n-octylphthalate	10.141	149	559795	37.856	ug/ml#	93
110) Benzo(b)fluoranthene	10.388	252	664717	37.819	ug/ml#	94
111) Benzo(k)fluoranthene	10.417	252	517809	32.463	ug/ml	97
112) Benzo(a)pyrene	10.723	252	600959M3	36.661	ug/ml	
114) Indeno(1,2,3-cd)pyrene	11.898	276	673837	31.929	ug/mL#	86
115) Dibenzo(a,h)anthracene	11.927	278	645895	32.014	ug/ml#	93
116) Benzo(ghi)perylene	12.145	276	614710	30.527	ug/ml#	90

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

Data Path : I:\8270\Mork\260109\
Data File : 163236-2.D
Acq On : 9 Jan 2026 2:17 pm
Operator : Mork:jg
Sample : WG2163236-2,32,,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 09 17:11:14 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:00:09 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

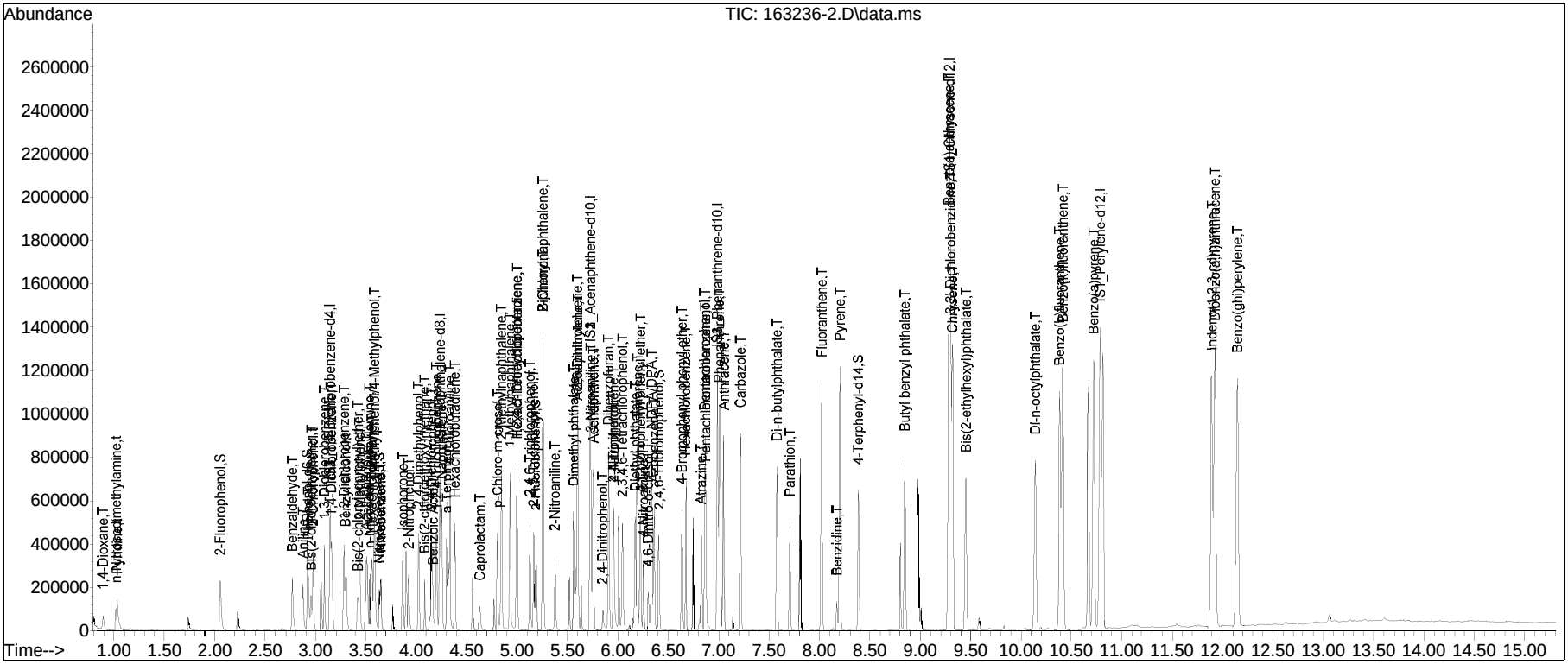
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

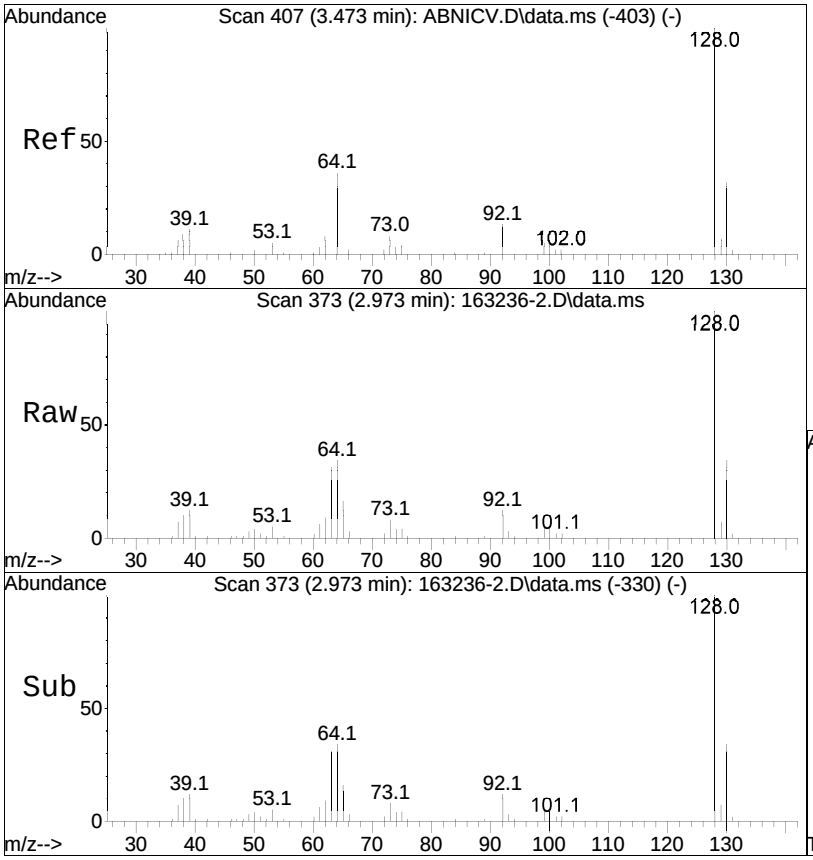
Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260109\
Data File : 163236-2.D
Acq On : 9 Jan 2026 2:17 pm
Operator : Mork:jg
Sample : WG2163236-2,32,,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jan 09 17:11:14 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:00:09 2026
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAAP90109.D•

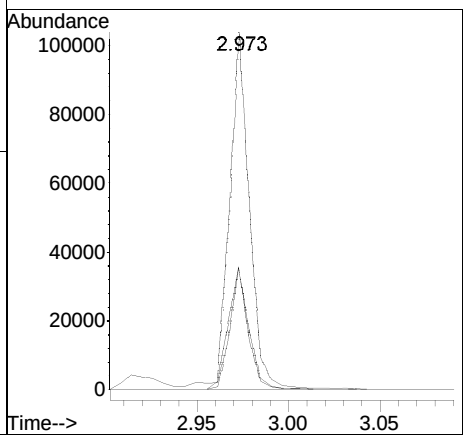


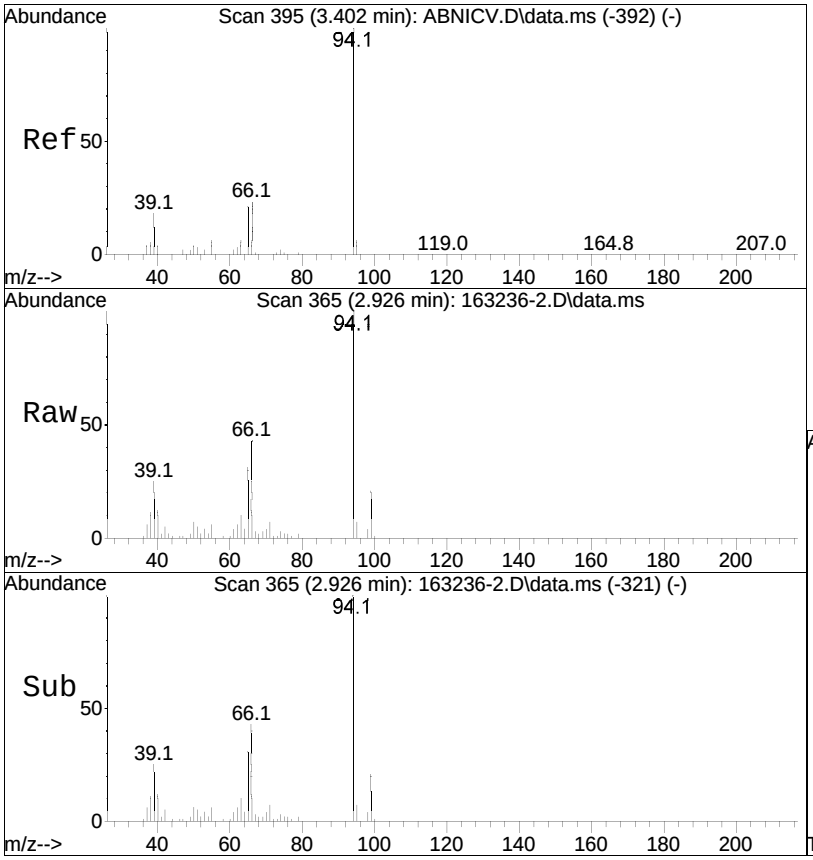


#6
2-Chlorophenol
Concen: 33.65 ug/ml
RT: 2.973 min Scan# 373
Delta R.T. -0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:128 Resp: 76265

Ion	Ratio	Lower	Upper
128	100		
64	36.3	33.5	50.3
130	32.9	25.9	38.9

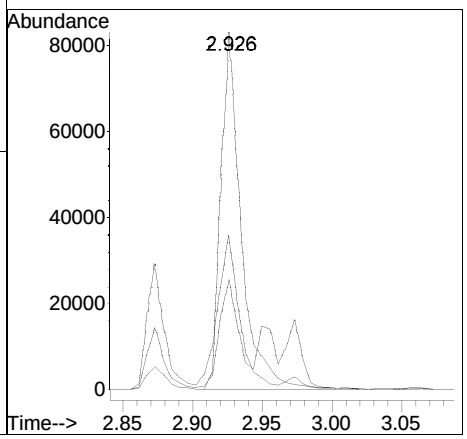


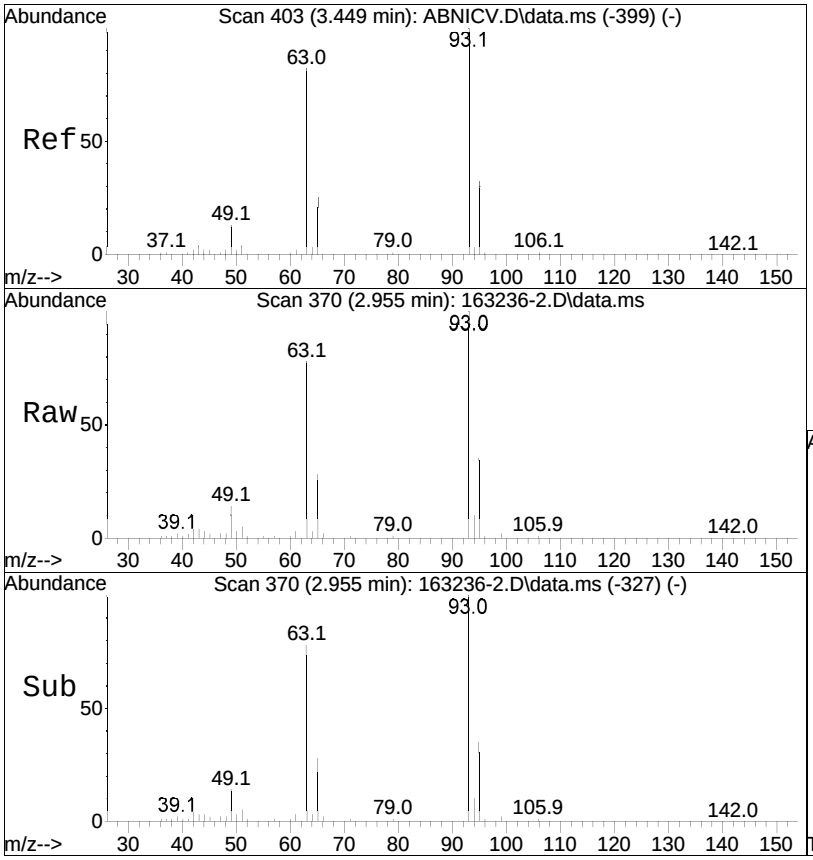


#8
Phenol
Concen: 34.47 ug/ml
RT: 2.926 min Scan# 365
Delta R.T. 0.006 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion: 94 Resp: 84243

Ion	Ratio	Lower	Upper
94	100		
65	30.7	38.8	58.2#
66	47.3	60.3	90.5#

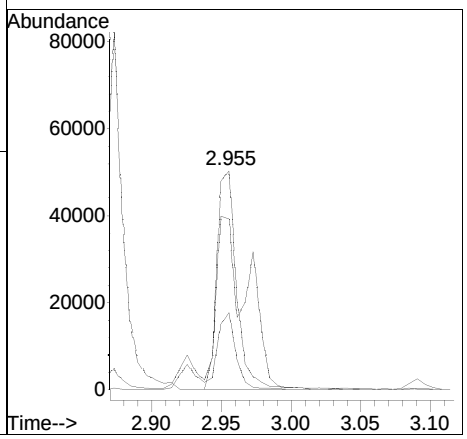


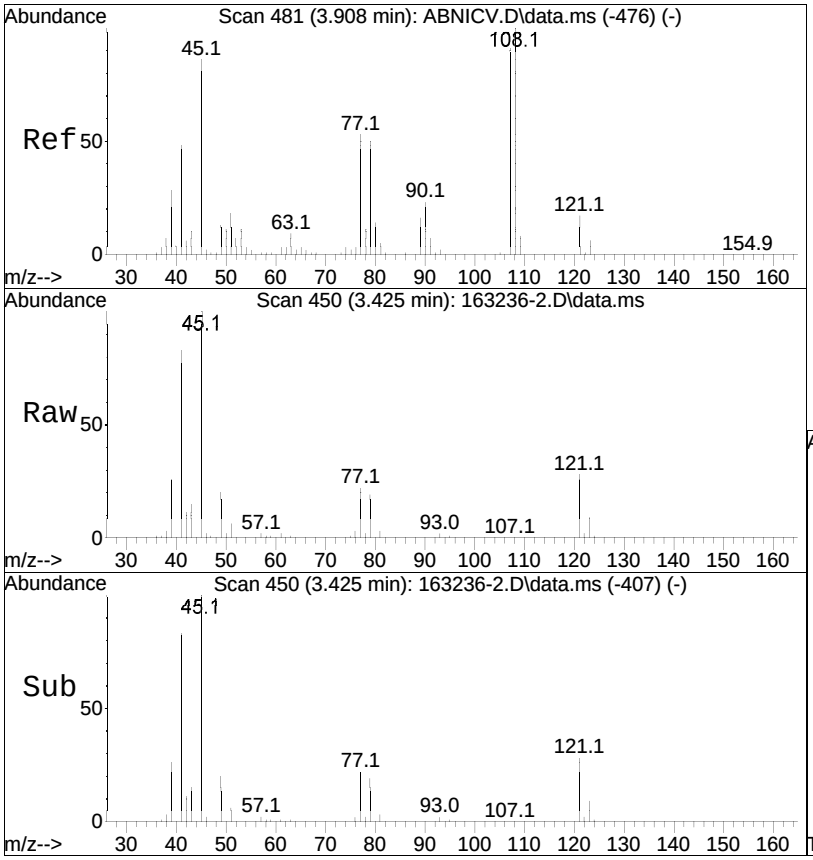


#9
Bis(2-chloroethyl)ether
Concen: 27.62 ug/ml
RT: 2.955 min Scan# 370
Delta R.T. 0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion: 93 Resp: 49551

Ion	Ratio	Lower	Upper
93	100		
63	122.6	63.0	94.6#
95	32.1	26.3	39.5

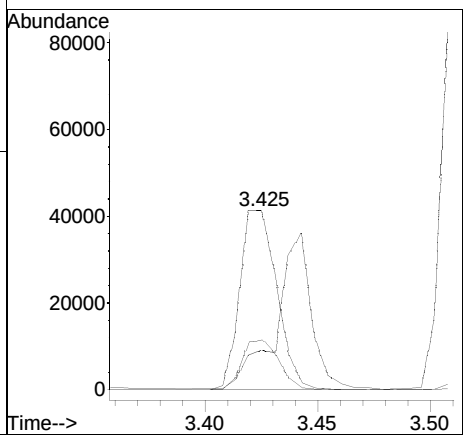


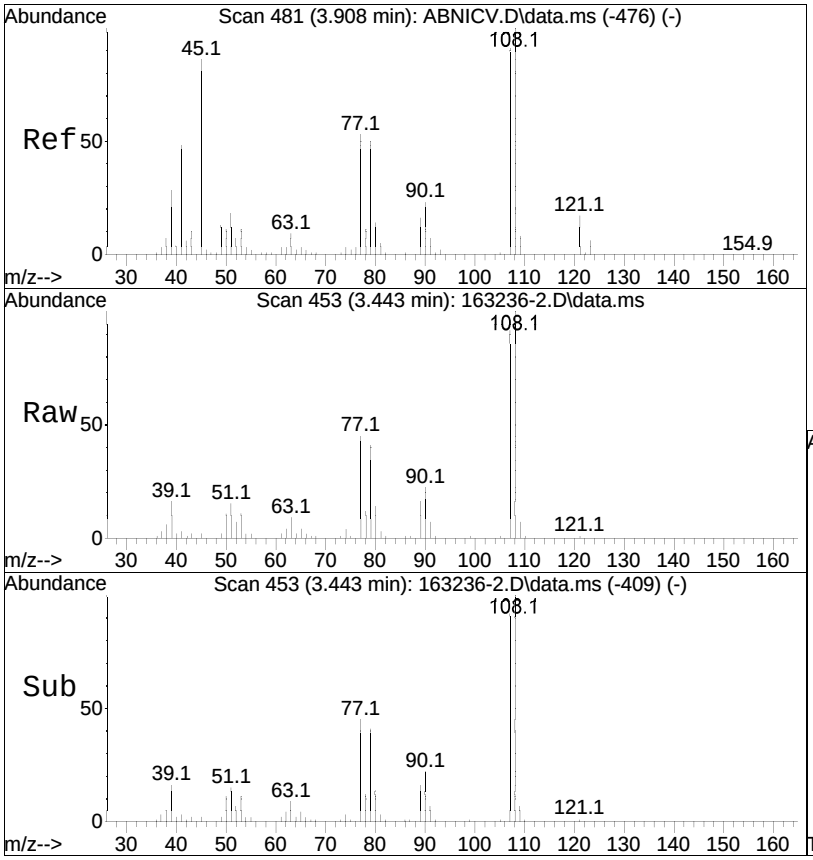


#14
Bis(2-chloroisopropyl)ether
Concen: 20.56 ug/ml
RT: 3.425 min Scan# 450
Delta R.T. 0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion: 45 Resp: 47538

Ion	Ratio	Lower	Upper
45	100		
121	27.8	16.0	24.0#
77	82.2	32.1	48.1#

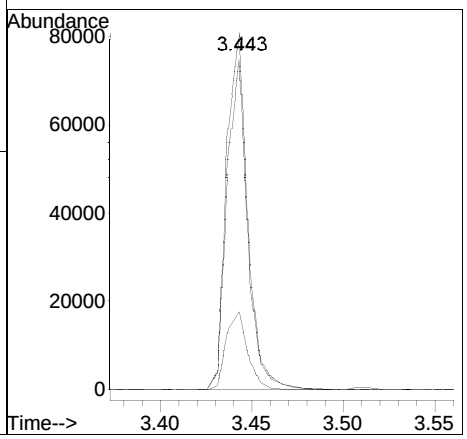


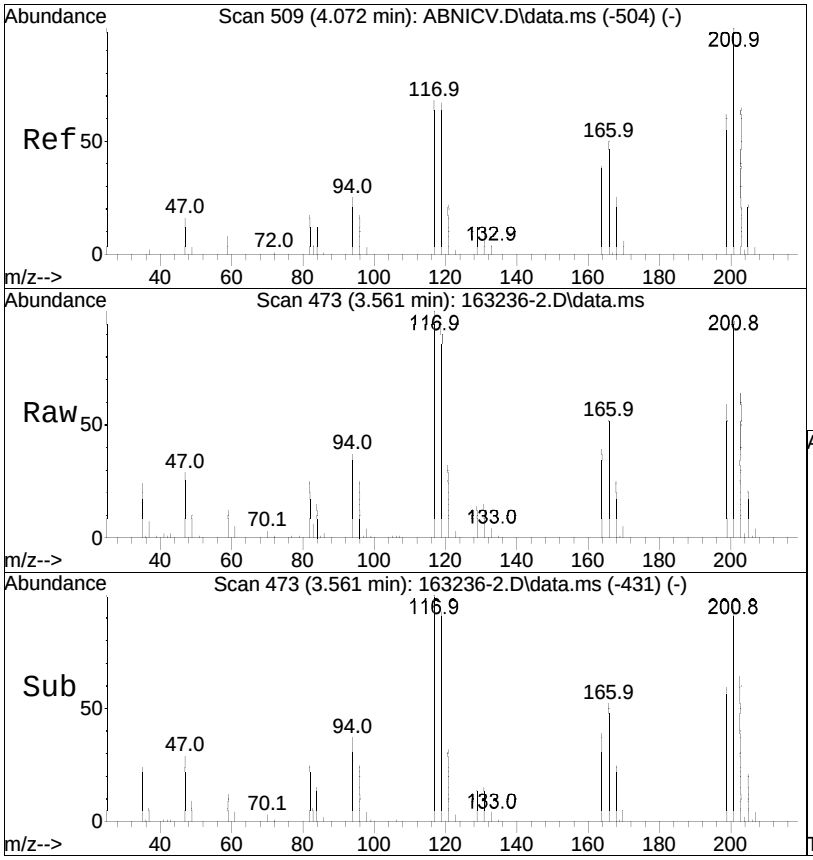


#15
2-Methylphenol
Concen: 35.18 ug/ml
RT: 3.443 min Scan# 453
Delta R.T. 0.006 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:108 Resp: 65486

Ion	Ratio	Lower	Upper
108	100		
107	89.7	70.3	105.5
90	22.6	18.7	28.1

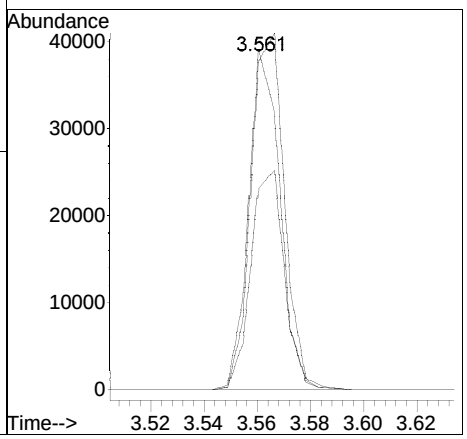


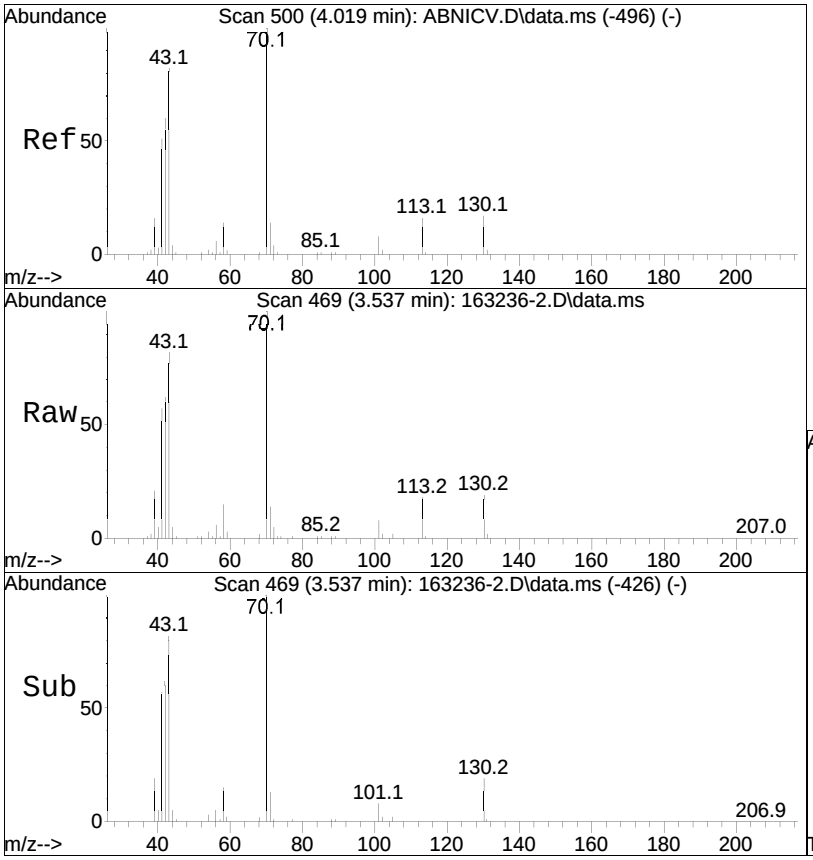


#16
Hexachloroethane
Concen: 30.73 ug/ml
RT: 3.561 min Scan# 473
Delta R.T. -0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:117 Resp: 31952

Ion	Ratio	Lower	Upper
117	100		
201	111.4	73.4	110.0#
199	69.1	45.9	68.9#

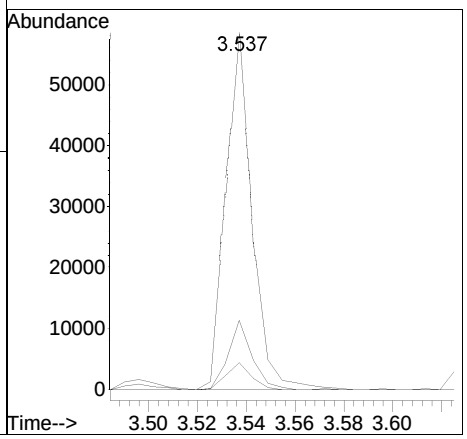


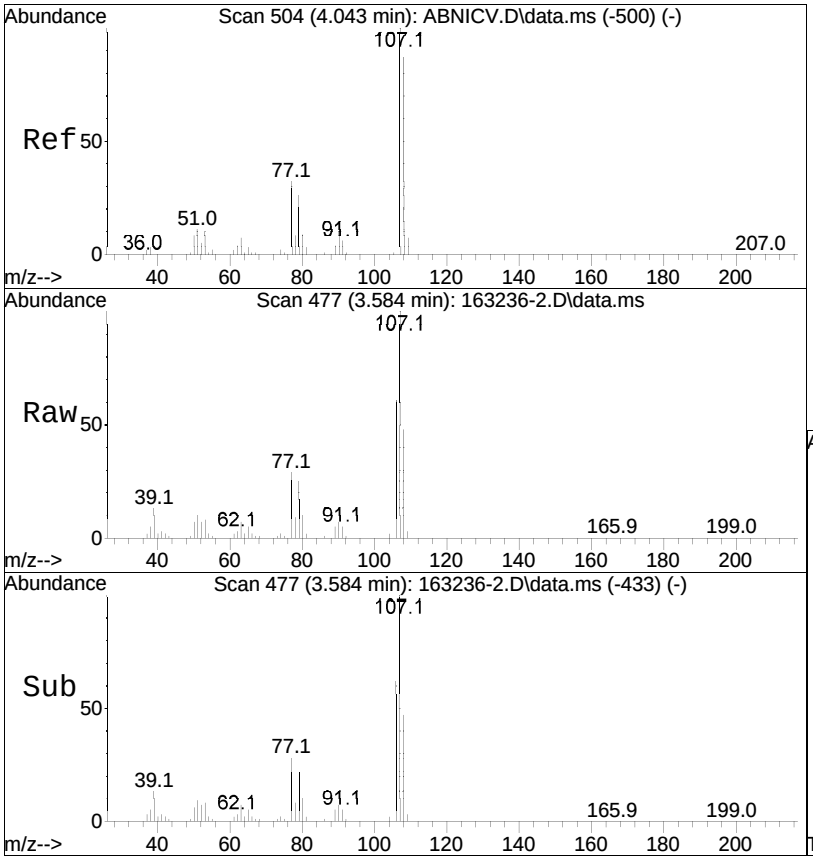


#17
n-Nitrosodi-n-propylamine
Concen: 30.12 ug/ml
RT: 3.537 min Scan# 469
Delta R.T. 0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion: 70 Resp: 43615

Ion	Ratio	Lower	Upper
70	100		
130	17.7	17.1	25.7
101	7.3	7.0	10.4

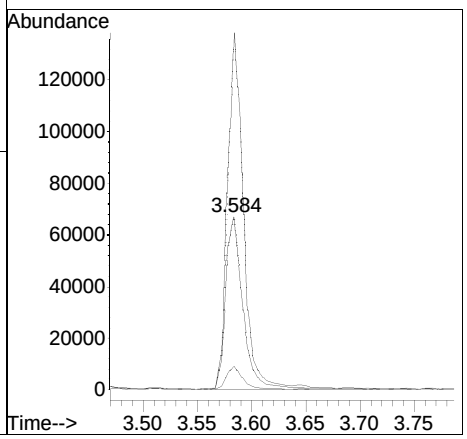


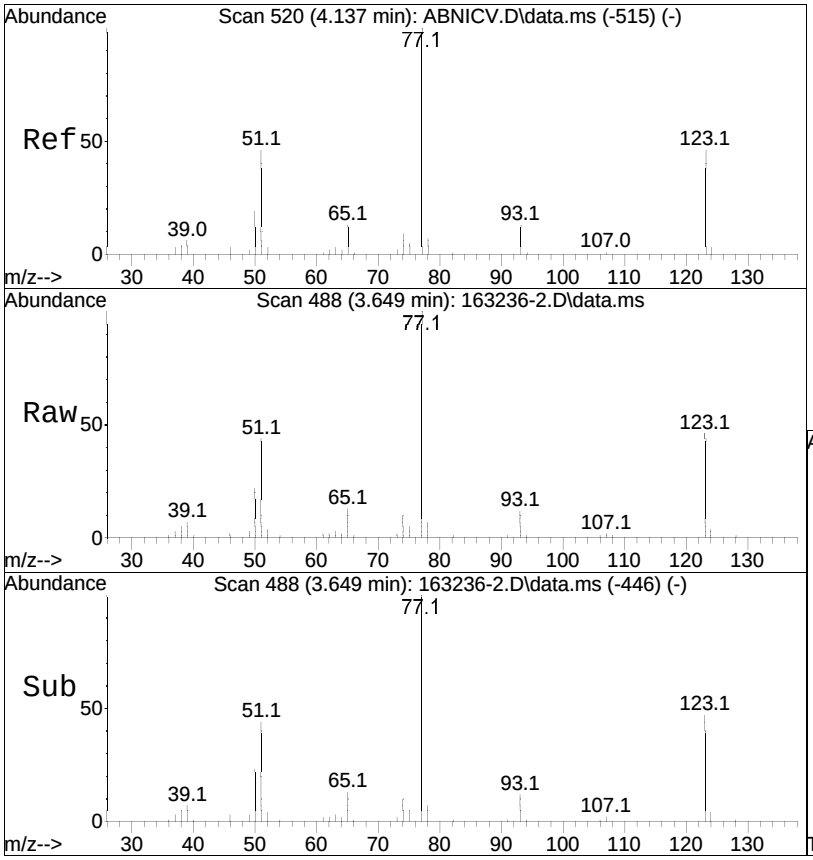


#18
3-Methylphenol/4-Methylphenol
Concen: 37.76 ug/ml
RT: 3.584 min Scan# 477
Delta R.T. 0.006 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:108 Resp: 74485

Ion	Ratio	Lower	Upper
108	100		
107	190.4	88.2	132.2#
90	12.5	8.5	12.7

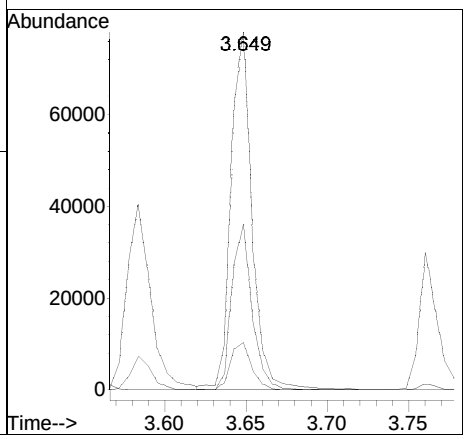


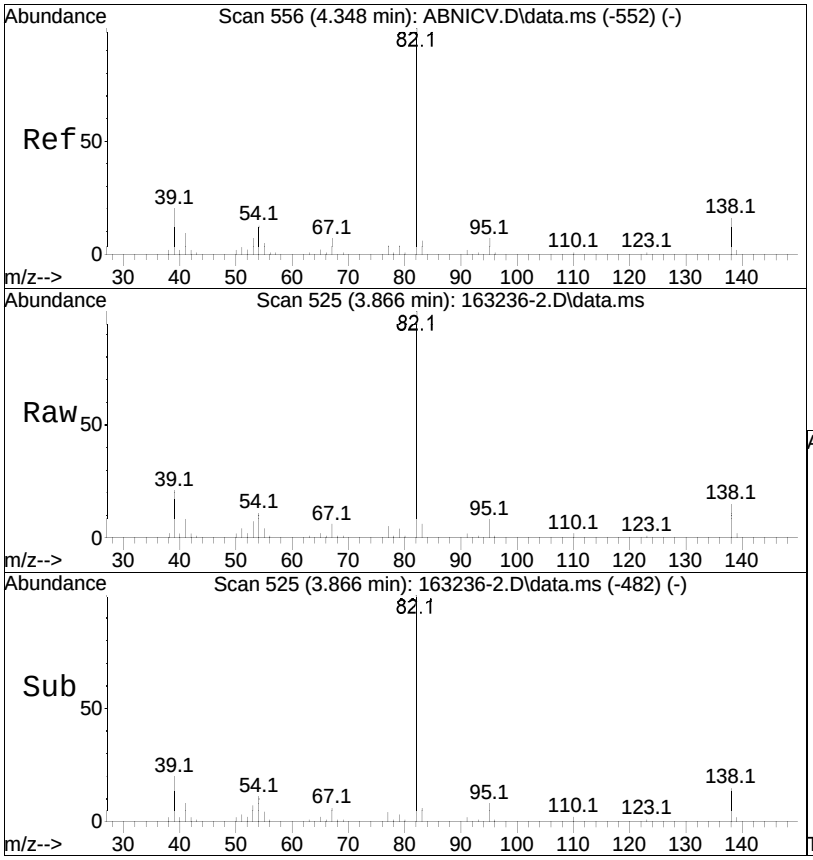


#20
Nitrobenzene
Concen: 32.33 ug/ml
RT: 3.649 min Scan# 488
Delta R.T. -0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion: 77 Resp: 69095

Ion	Ratio	Lower	Upper
77	100		
123	45.3	39.5	59.3
65	13.8	11.0	16.6

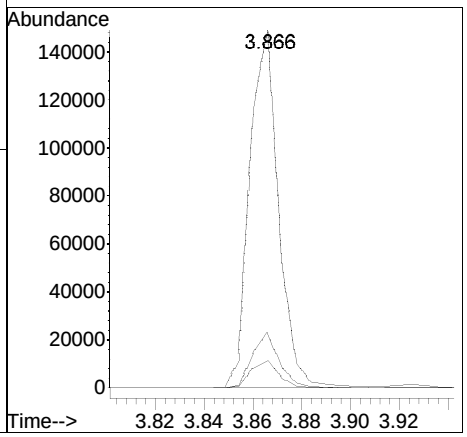


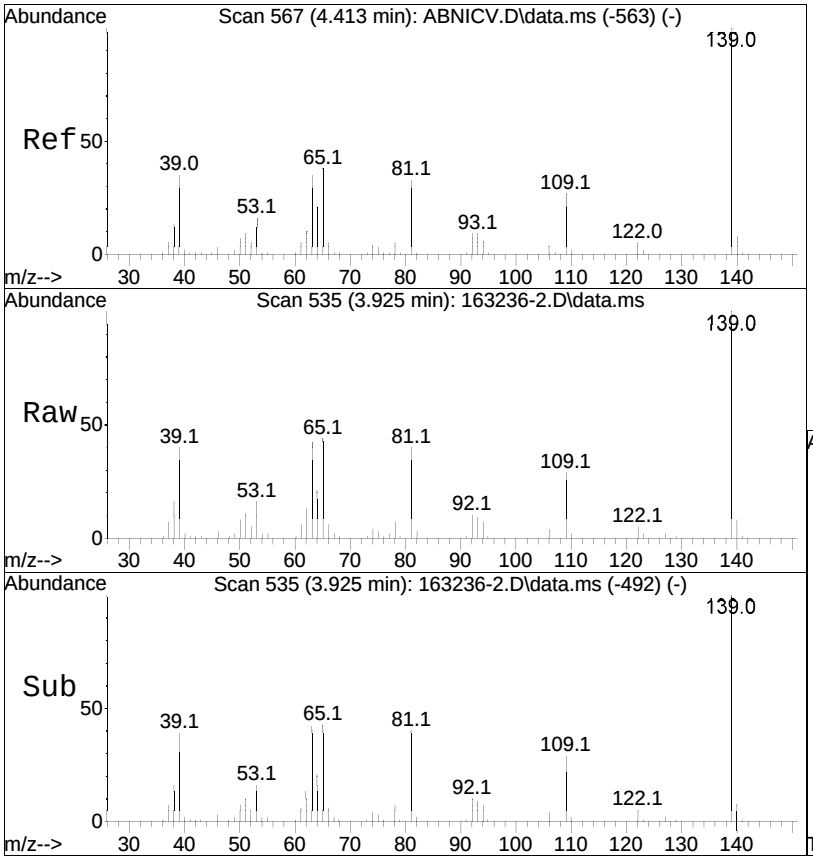


#21
Isophorone
Concen: 31.62 ug/ml
RT: 3.866 min Scan# 525
Delta R.T. 0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion: 82 Resp: 121024

Ion	Ratio	Lower	Upper
82	100		
138	14.5	13.9	20.9
95	7.5	5.1	7.7

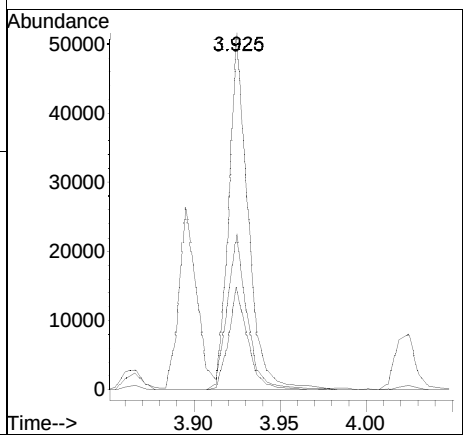


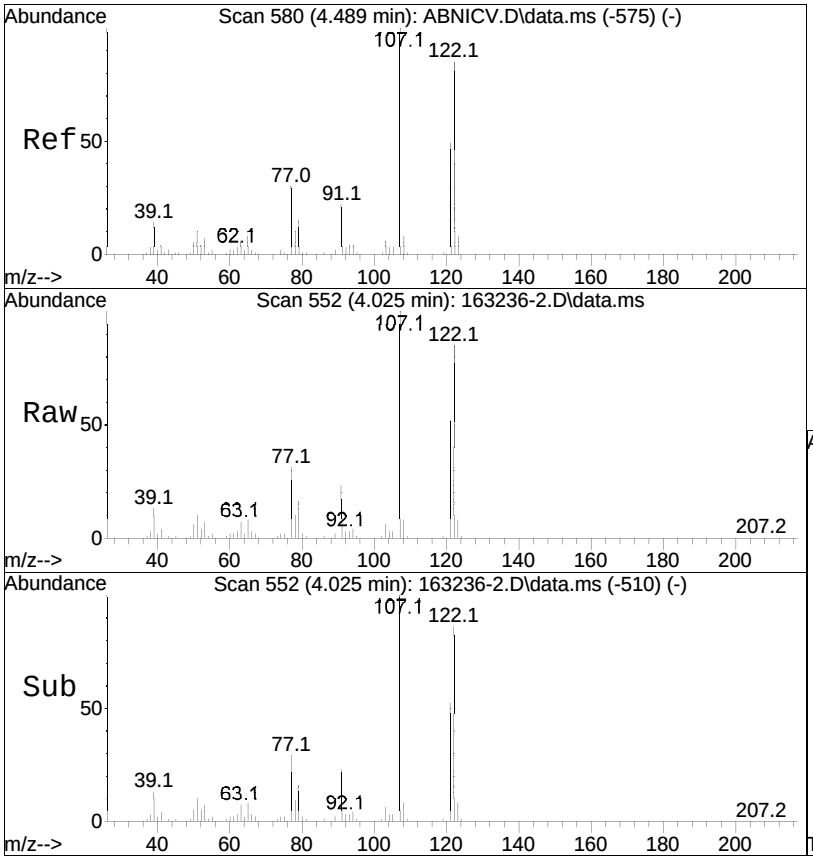


#22
2-Nitrophenol
Concen: 33.18 ug/ml
RT: 3.925 min Scan# 535
Delta R.T. -0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:139 Resp: 40114

Ion	Ratio	Lower	Upper
139	100		
109	28.7	17.2	25.8#
65	44.7	33.8	50.6

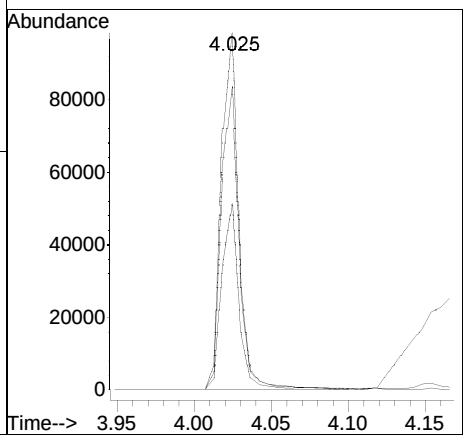


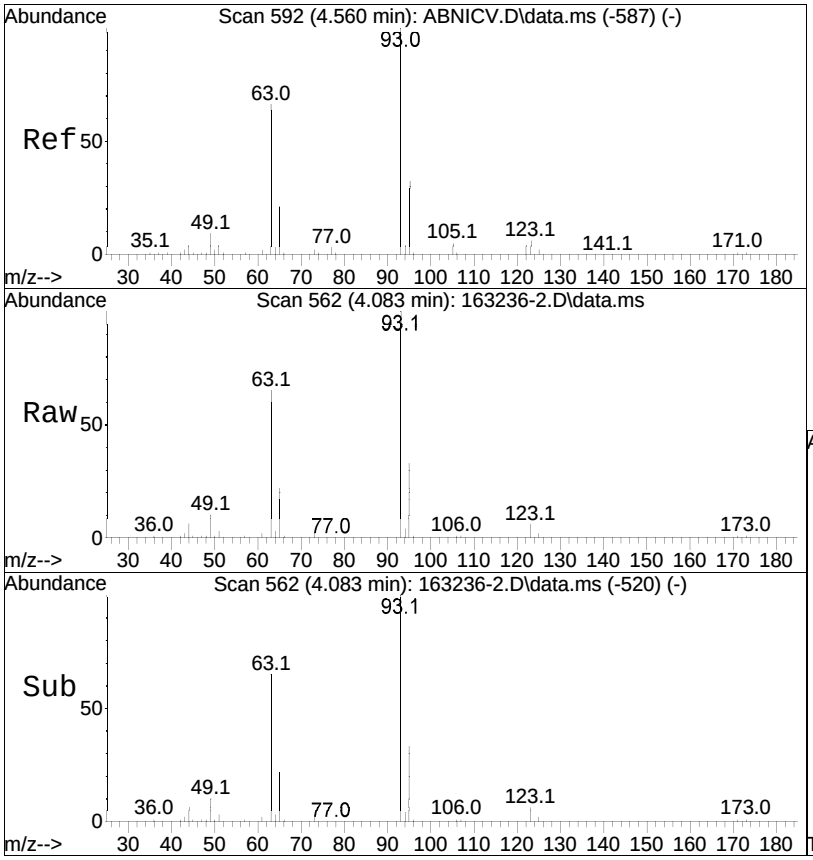


#23
2,4-Dimethylphenol
Concen: 34.81 ug/ml
RT: 4.025 min Scan# 552
Delta R.T. -0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:107 Resp: 77383

Ion	Ratio	Lower	Upper
107	100		
121	50.8	41.2	61.8
122	85.6	72.5	108.7

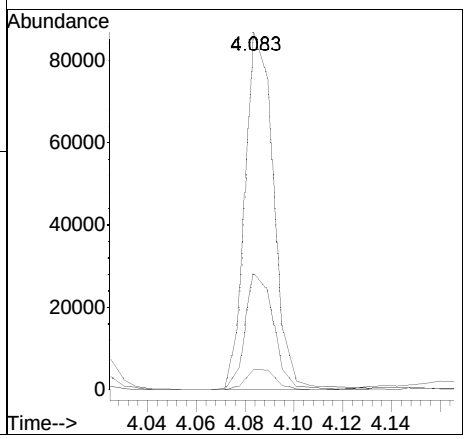


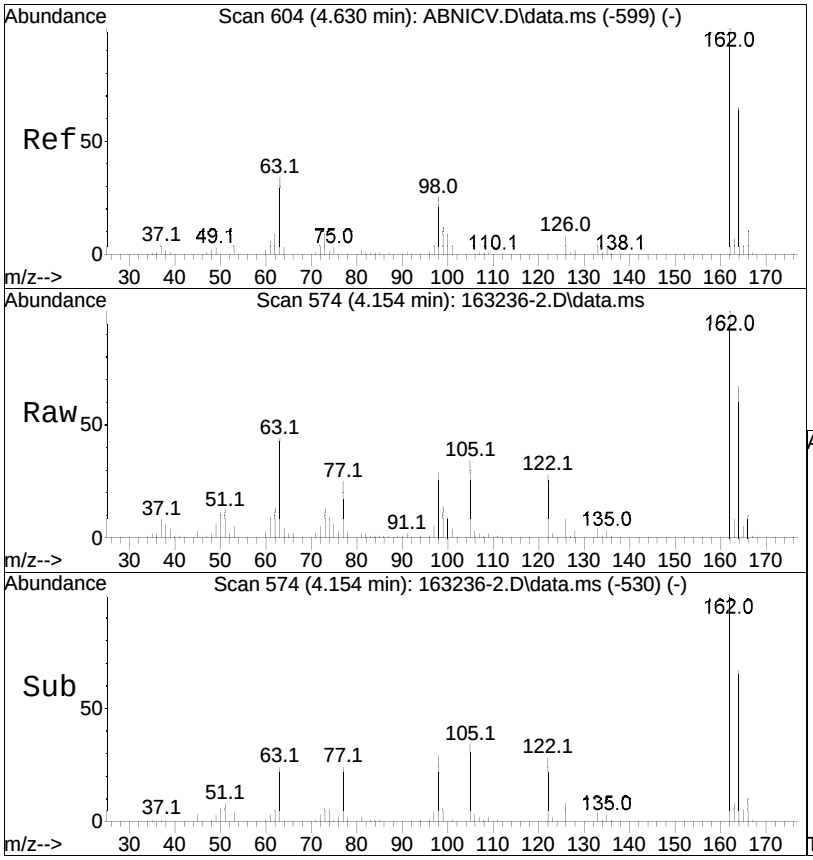


#24
Bis(2-chloroethoxy)methane
Concen: 29.49 ug/ml
RT: 4.083 min Scan# 562
Delta R.T. -0.006 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion: 93 Resp: 70581

Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.8	40.2
123	5.9	8.7	13.1#

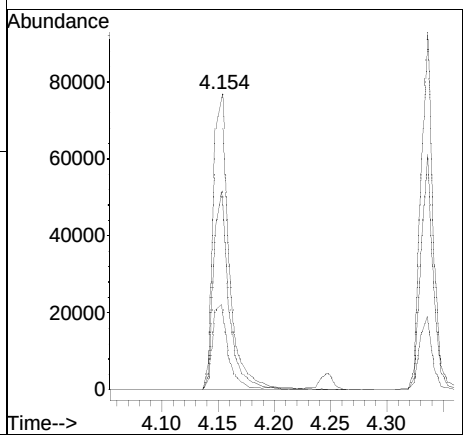


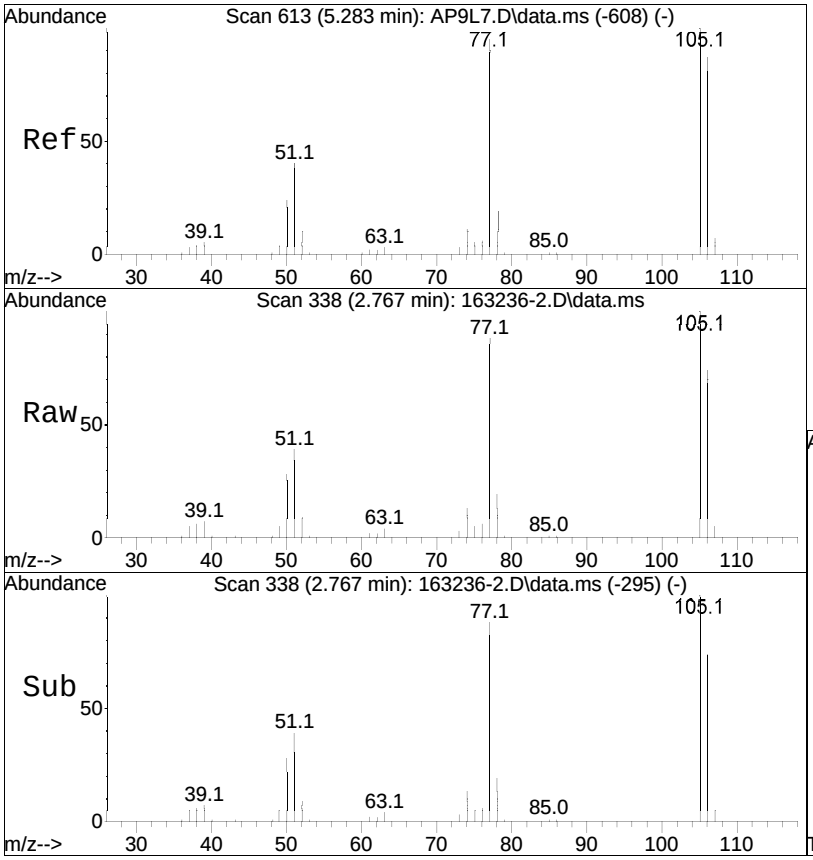


#25
2,4-Dichlorophenol
Concen: 32.72 ug/ml
RT: 4.154 min Scan# 574
Delta R.T. 0.006 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:162 Resp: 77372

Ion	Ratio	Lower	Upper
162	100		
164	64.4	51.8	77.8
98	28.1	25.0	37.4

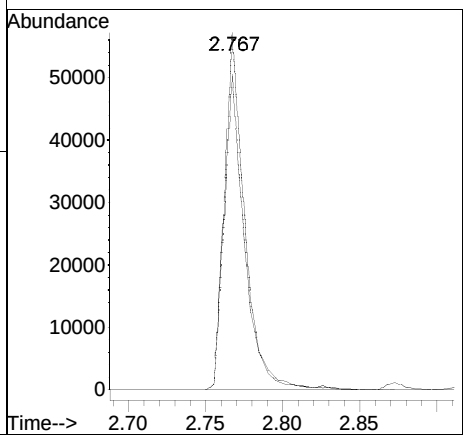


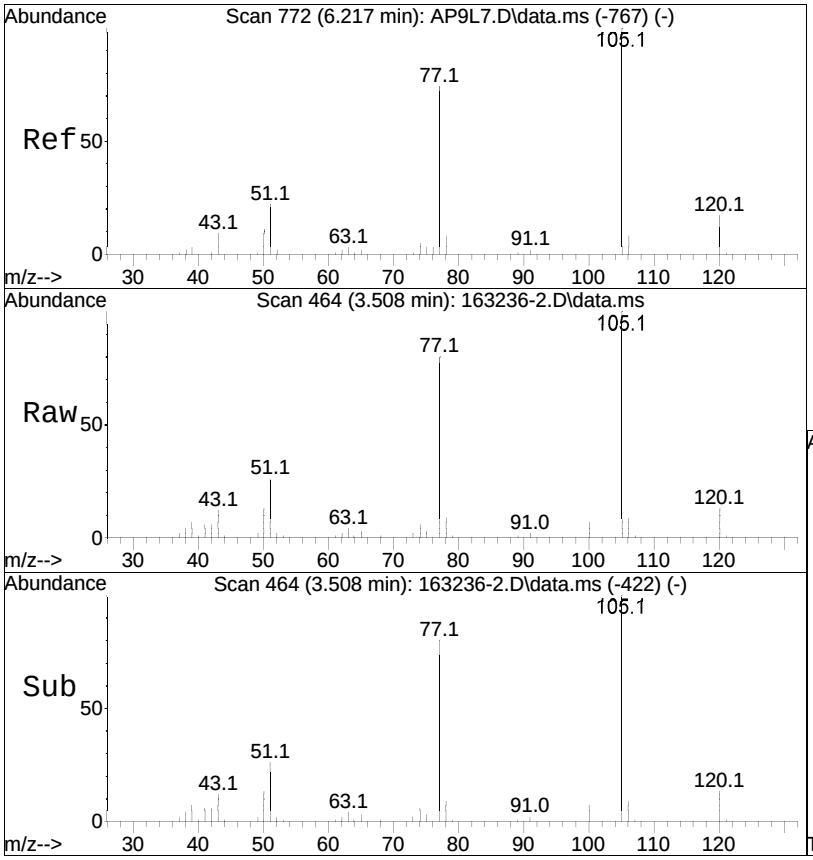


#28
Benzaldehyde
Concen: 31.44 ug/ml
RT: 2.767 min Scan# 338
Delta R.T. 0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:105 Resp: 52059

Ion	Ratio	Lower	Upper
105	100		
77	88.3	79.3	118.9

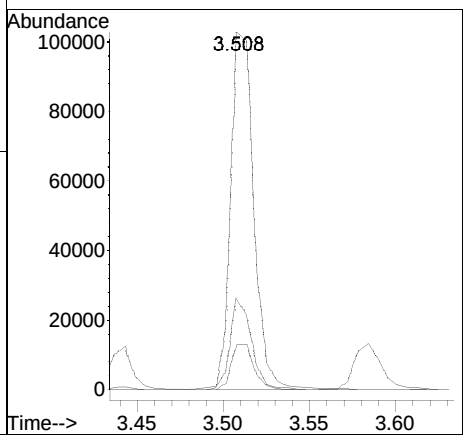


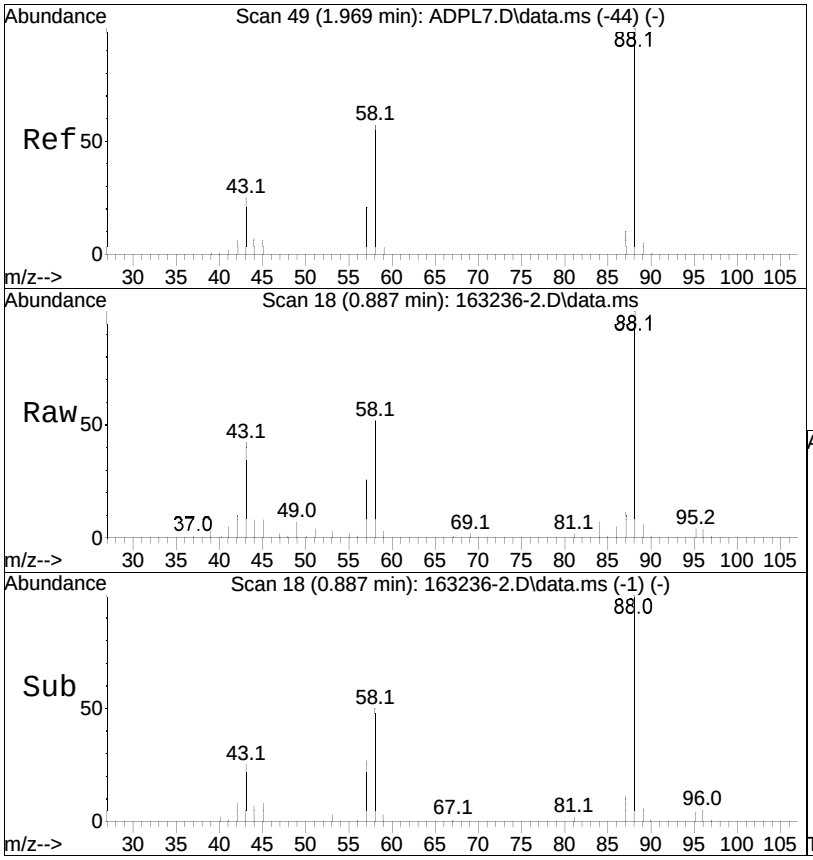


#29
Acetophenone
Concen: 34.05 ug/ml
RT: 3.508 min Scan# 464
Delta R.T. -0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:105 Resp: 95222

Ion	Ratio	Lower	Upper
105	100		
120	12.5	17.4	26.2#
51	24.3	23.8	35.6

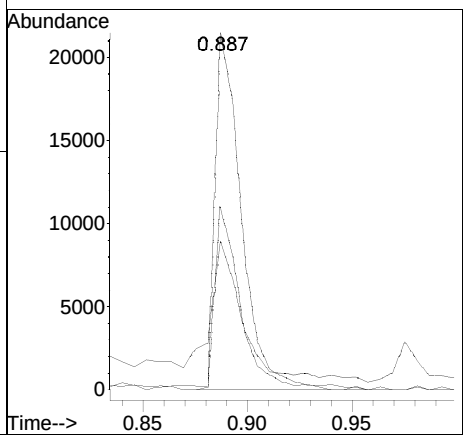


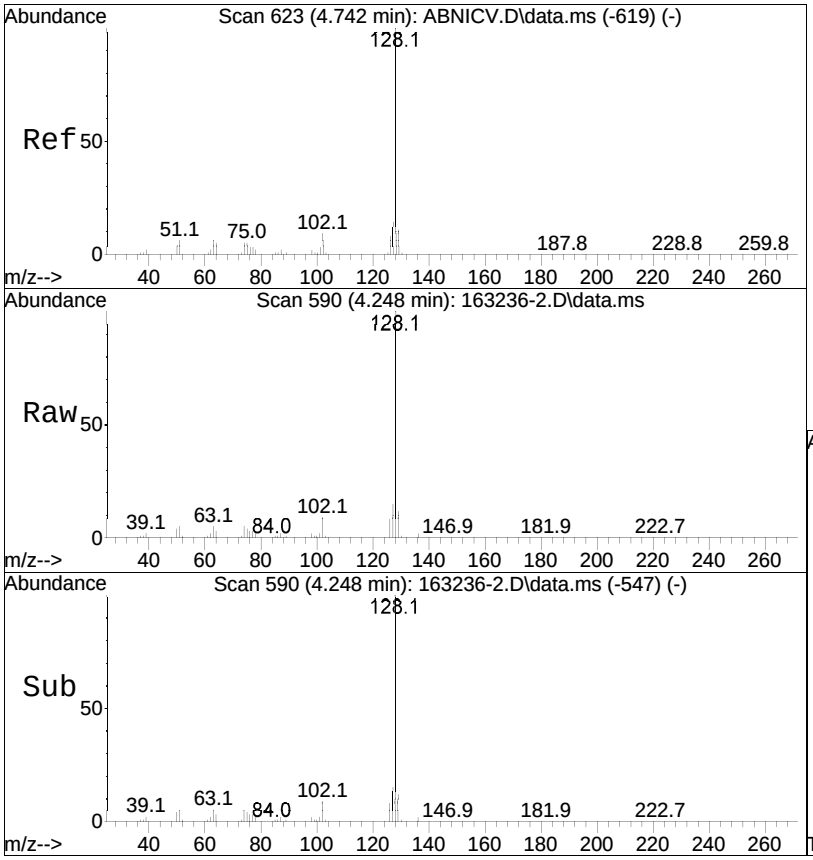


#33
1,4-Dioxane
Concen: 23.79 ug/ml
RT: 0.887 min Scan# 18
Delta R.T. -0.006 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion: 88 Resp: 18704

Ion	Ratio	Lower	Upper
88	100		
58	50.6	44.8	67.2
43	54.4	20.8	31.2#

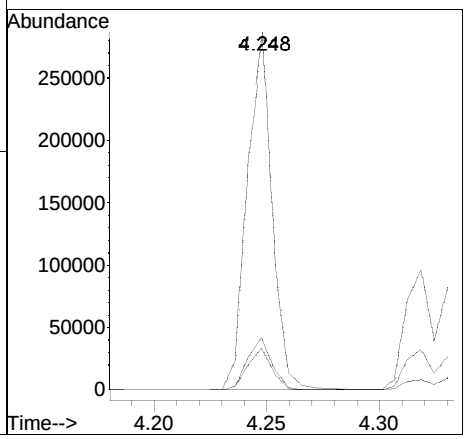


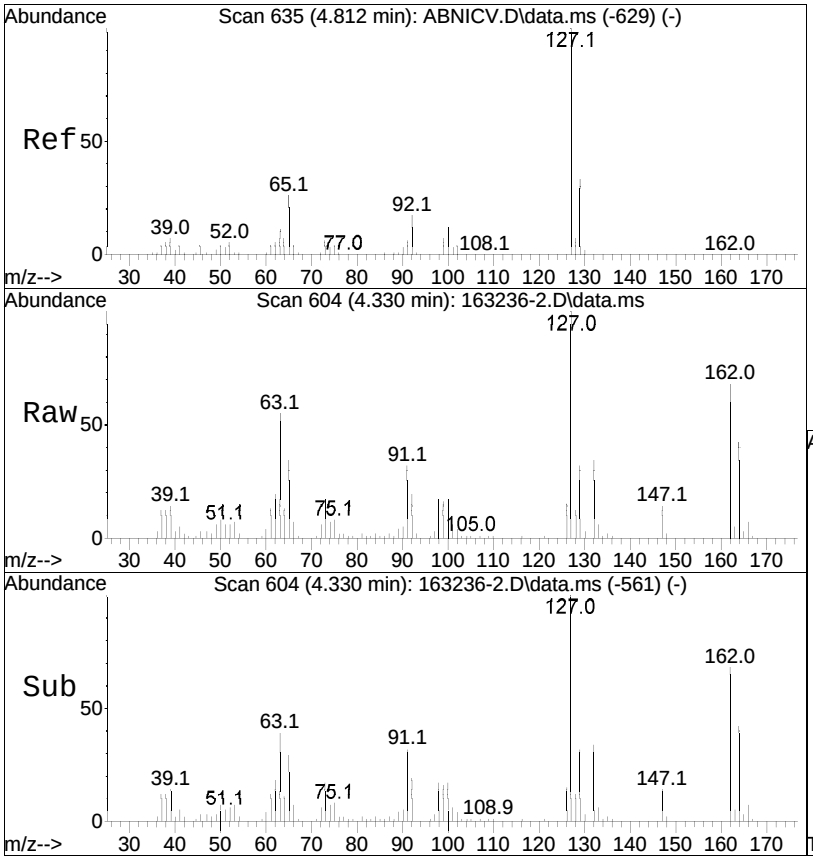


#36
Naphthalene
Concen: 31.19 ug/ml
RT: 4.248 min Scan# 590
Delta R.T. -0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:128 Resp: 218757

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.0	13.6
127	14.5	11.3	16.9

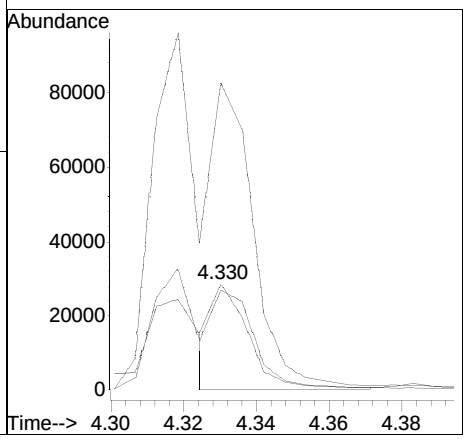


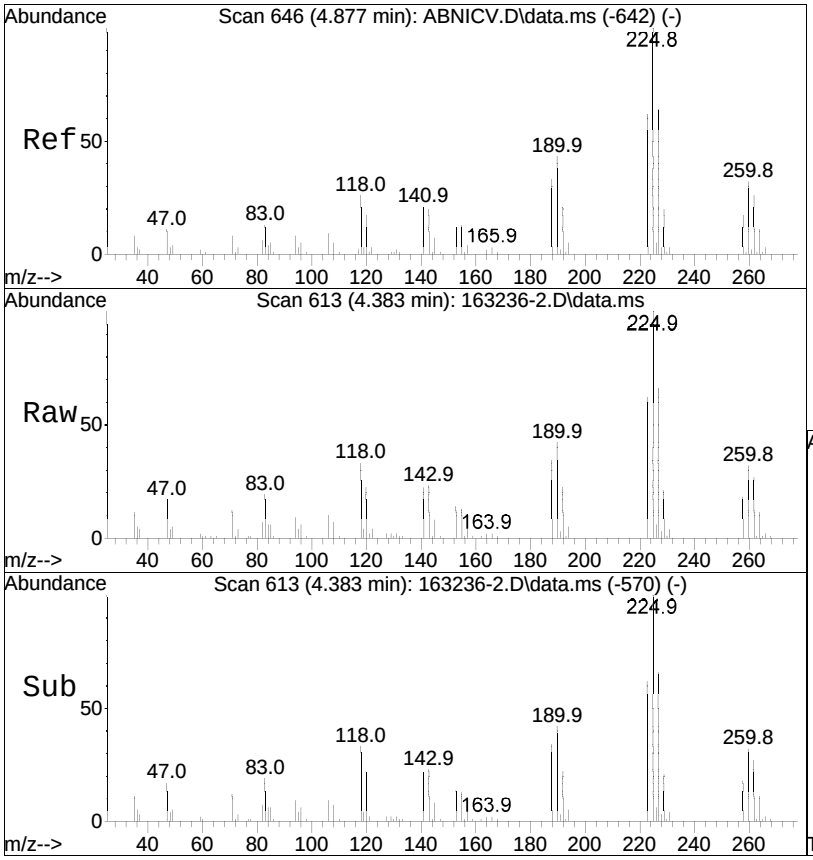


#38
4-Chloroaniline
Concen: 26.97 ug/ml M3
RT: 4.330 min Scan# 604
Delta R.T. 0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion: 65 Resp: 20245

Ion	Ratio	Lower	Upper
65	100		
127	718.4	302.2	453.2#
129	237.9	97.8	146.8#

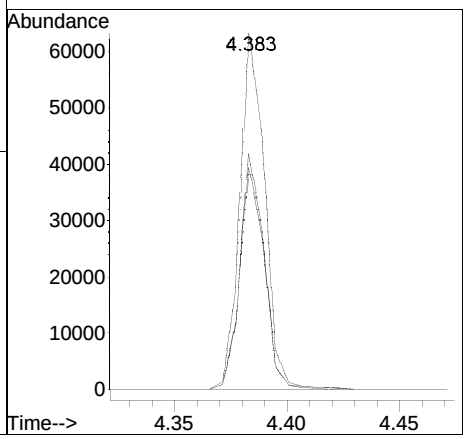


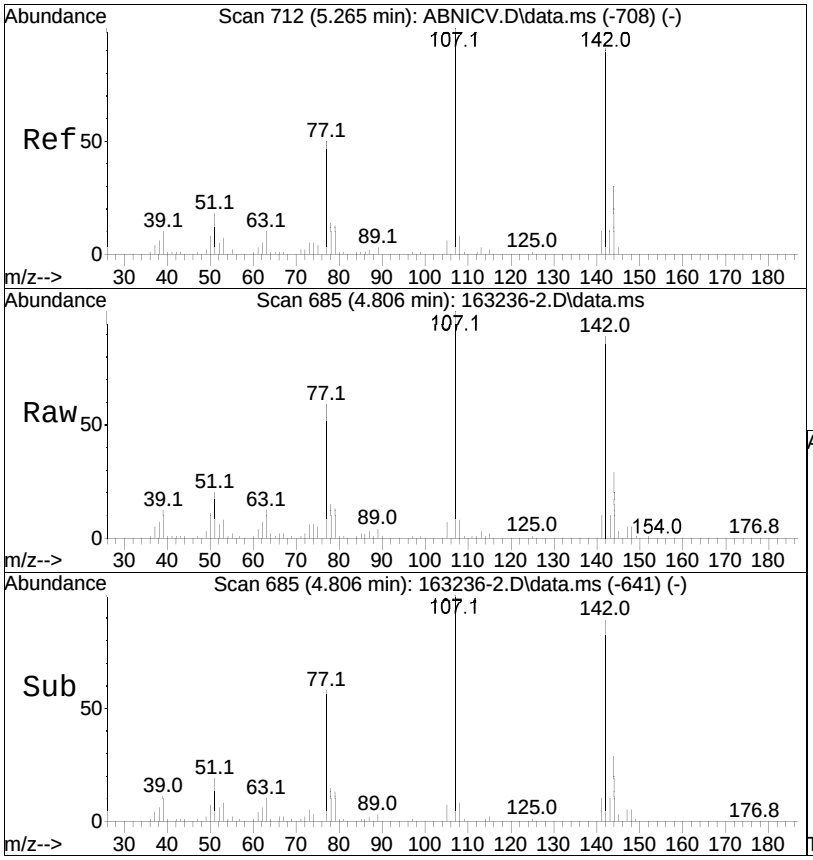


#39
Hexachlorobutadiene
Concen: 23.73 ug/ml
RT: 4.383 min Scan# 613
Delta R.T. 0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:225 Resp: 48131

Ion	Ratio	Lower	Upper
225	100		
223	62.2	50.0	75.0
227	65.0	51.8	77.6

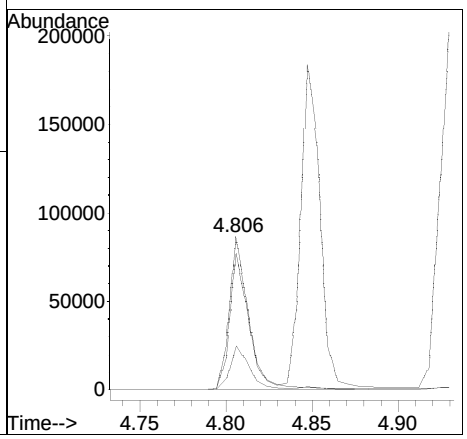


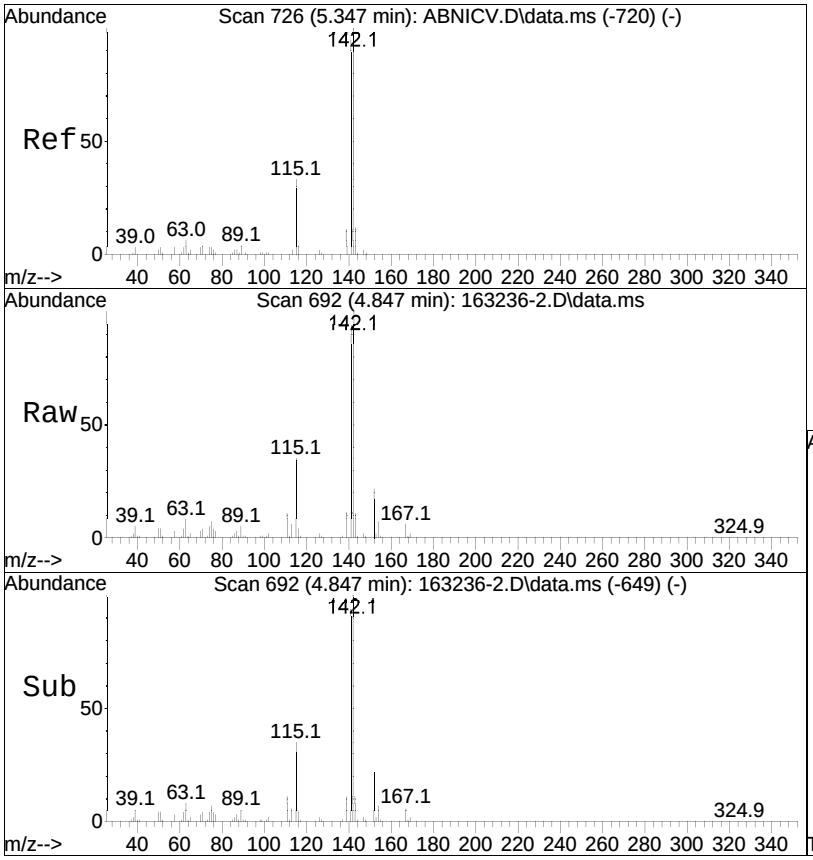


#40
p-Chloro-m-cresol
Concen: 33.93 ug/ml
RT: 4.806 min Scan# 685
Delta R.T. 0.006 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:107 Resp: 68171

Ion	Ratio	Lower	Upper
107	100		
144	28.1	23.3	34.9
142	85.3	72.7	109.1

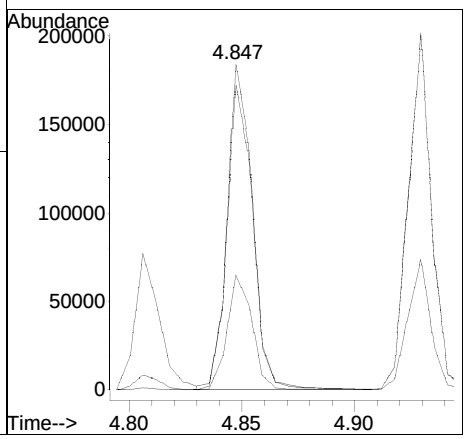


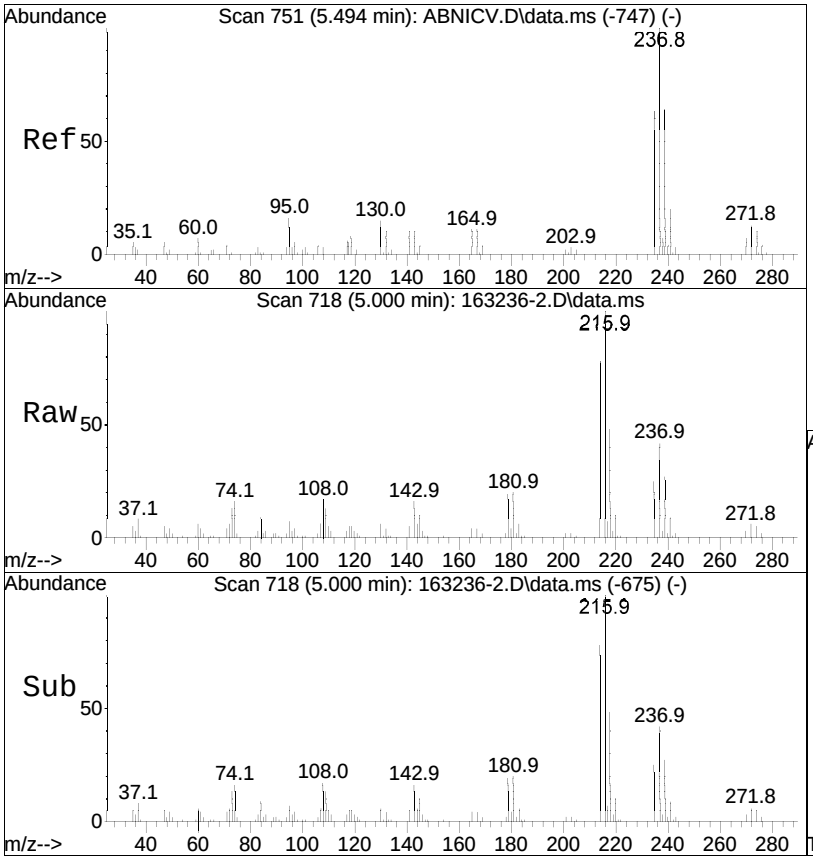


#41
2-Methylnaphthalene
Concen: 30.71 ug/ml
RT: 4.847 min Scan# 692
Delta R.T. 0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:142 Resp: 145508

Ion	Ratio	Lower	Upper
142	100		
141	94.2	69.5	104.3
115	35.0	25.4	38.2

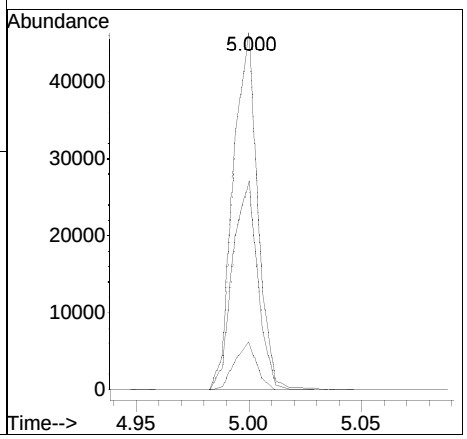


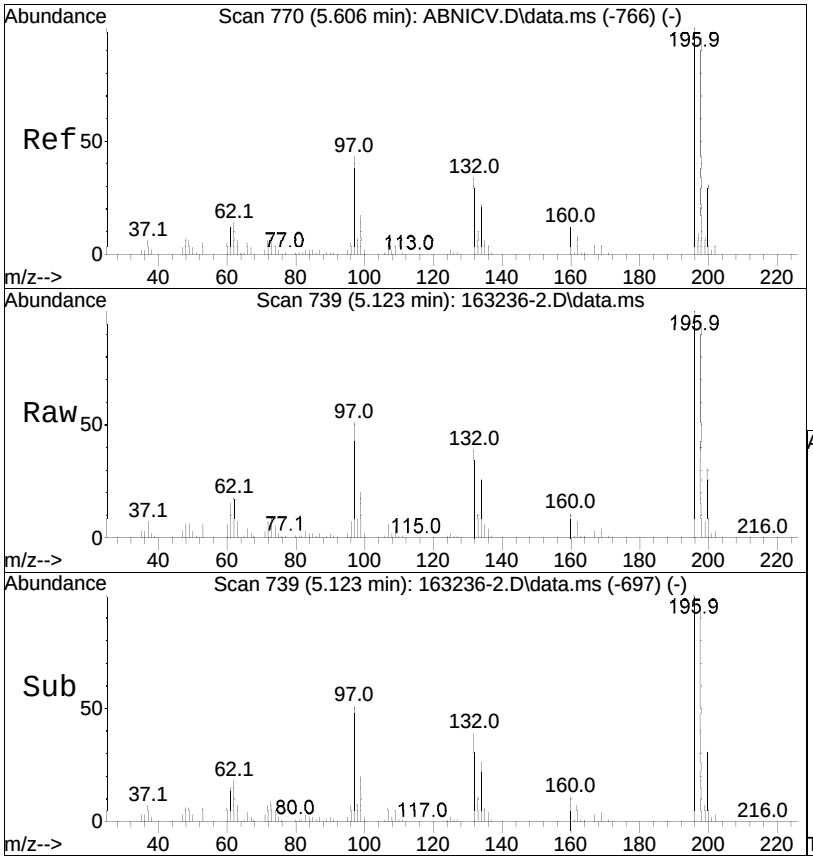


#43
Hexachlorocyclopentadiene
Concen: 15.71 ug/ml
RT: 5.000 min Scan# 718
Delta R.T. 0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:237 Resp: 35101

Ion	Ratio	Lower	Upper
237	100		
235	59.7	49.9	74.9
272	12.1	11.4	17.2

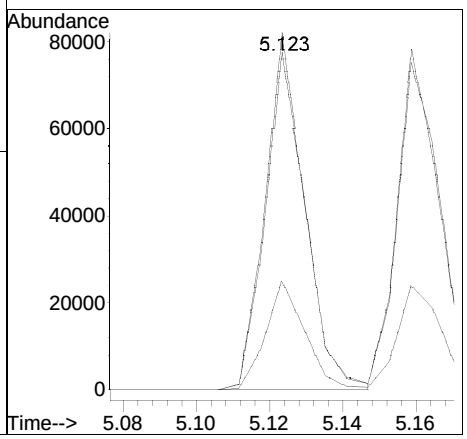


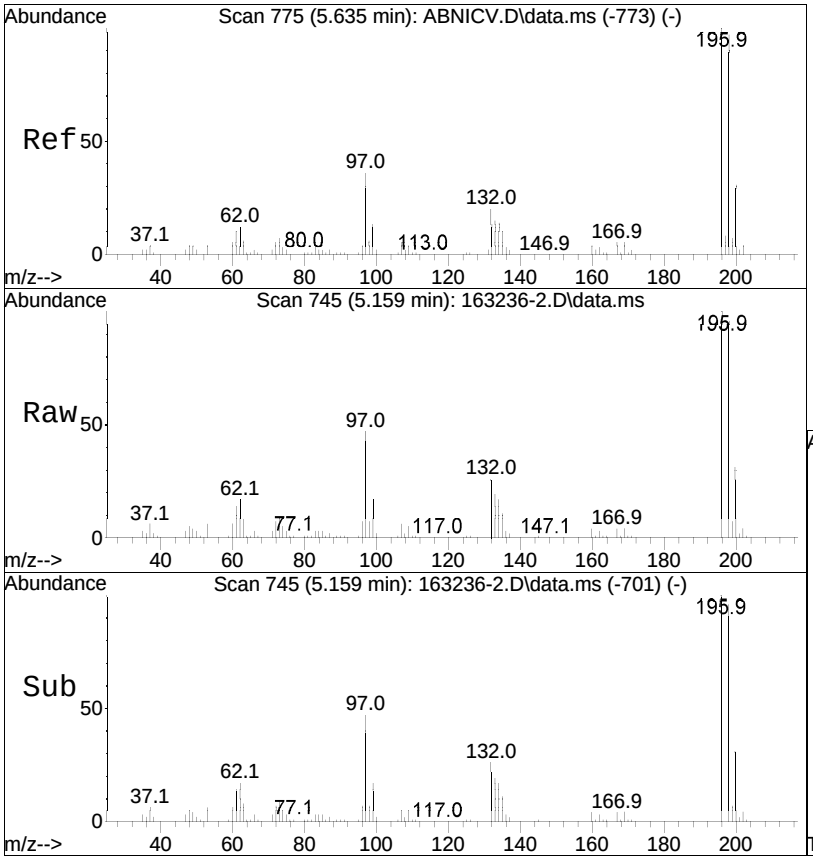


#44
2,4,6-Trichlorophenol
Concen: 28.74 ug/ml
RT: 5.123 min Scan# 739
Delta R.T. -0.001 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:196 Resp: 61268

Ion	Ratio	Lower	Upper
196	100		
198	96.7	77.0	115.6
200	30.7	25.0	37.6

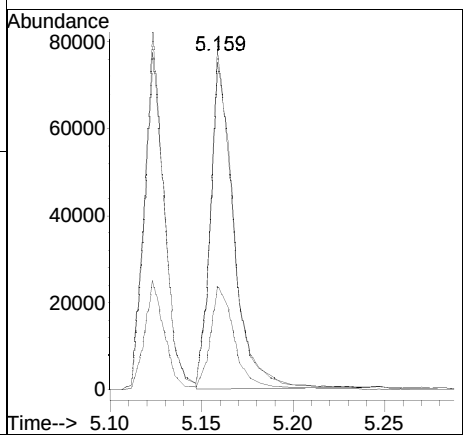


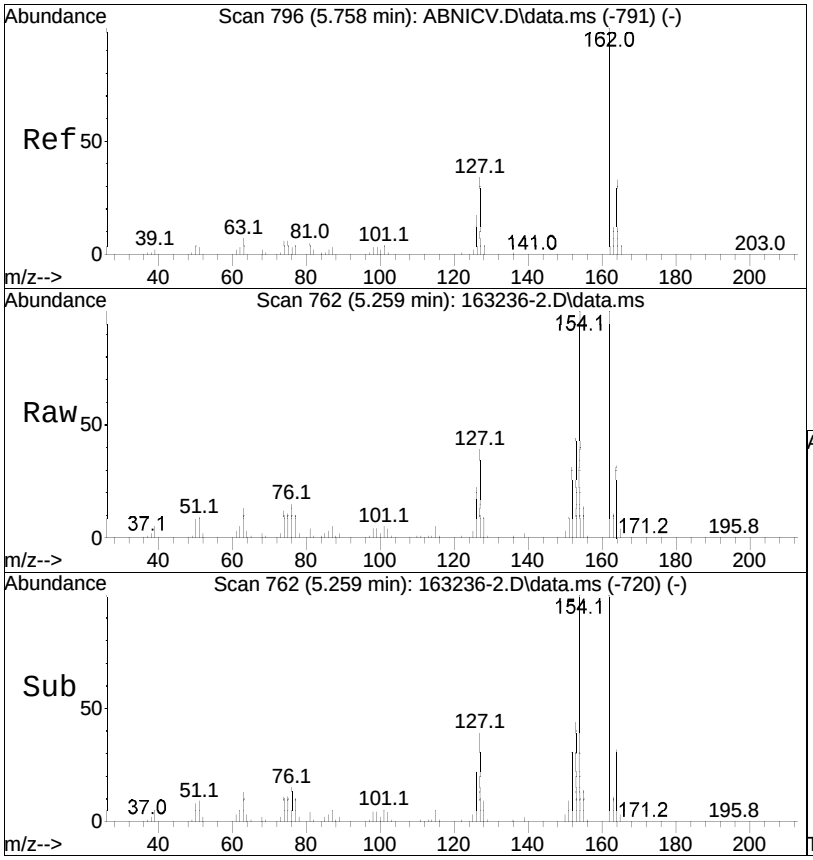


#45
2,4,5-Trichlorophenol
Concen: 28.78 ug/ml
RT: 5.159 min Scan# 745
Delta R.T. 0.006 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:196 Resp: 67464

Ion	Ratio	Lower	Upper
196	100		
200	33.6	24.9	37.3
198	102.0	78.5	117.7

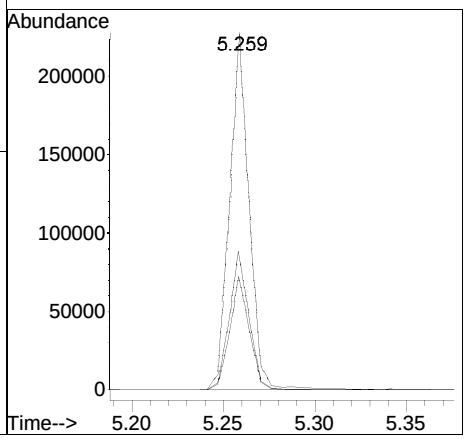


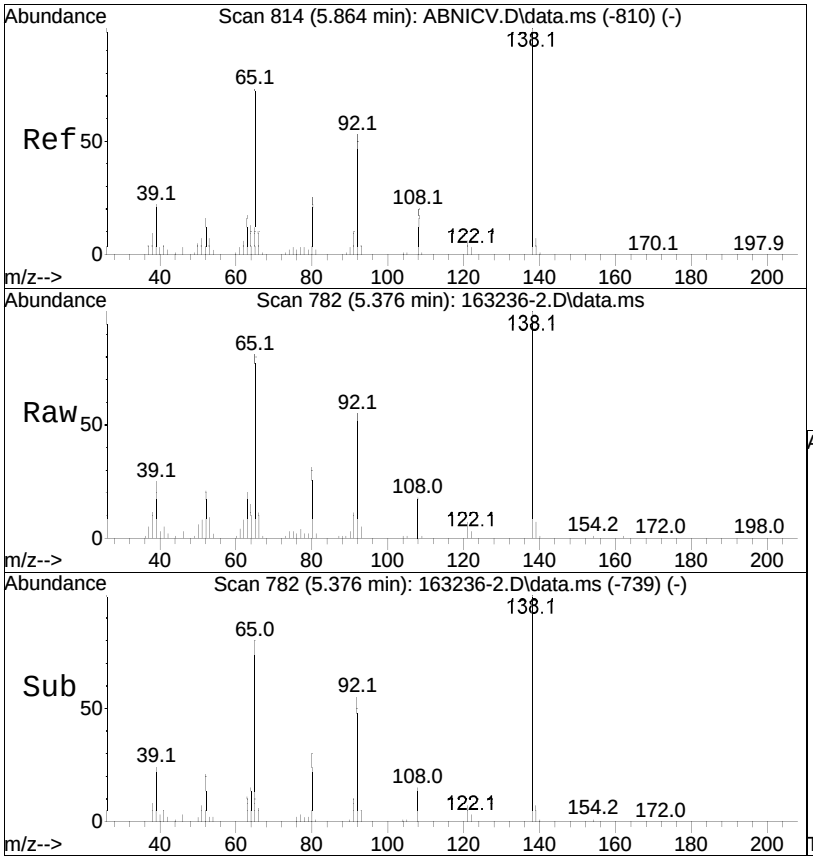


#47
2-Chloronaphthalene
Concen: 29.45 ug/ml
RT: 5.259 min Scan# 762
Delta R.T. -0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:162 Resp: 166457

Ion	Ratio	Lower	Upper
162	100		
127	39.5	28.0	42.0
164	32.4	26.6	39.8

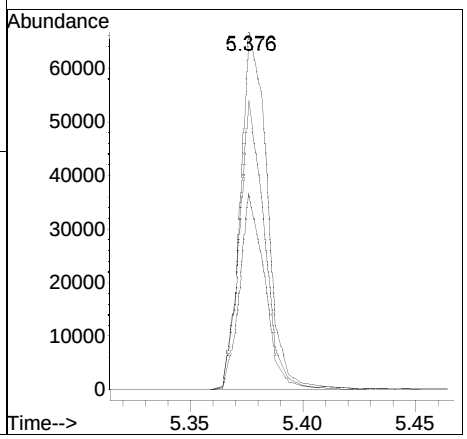


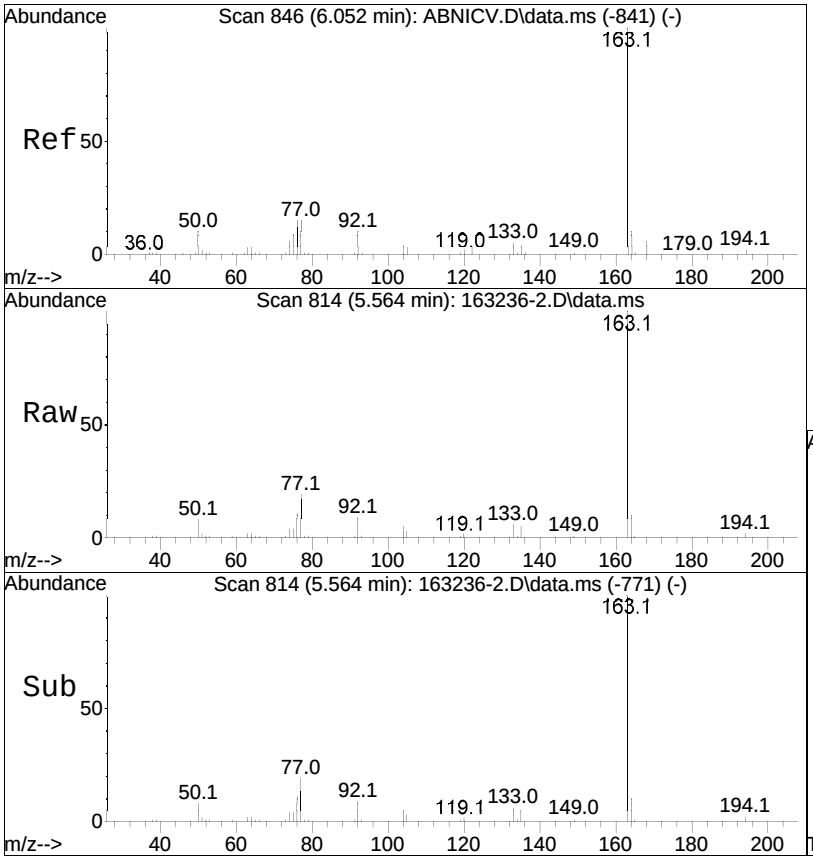


#48
2-Nitroaniline
Concen: 35.32 ug/ml
RT: 5.376 min Scan# 782
Delta R.T. 0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:138 Resp: 54984

Ion	Ratio	Lower	Upper
138	100		
92	51.9	41.7	62.5
65	76.9	61.5	92.3

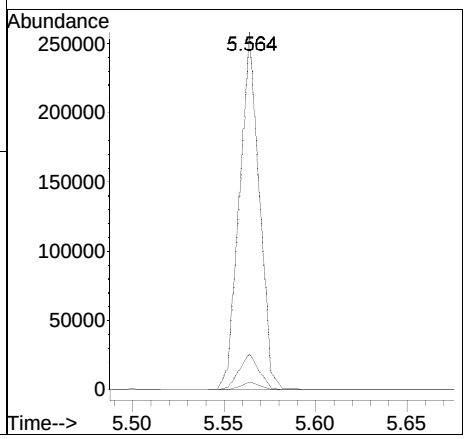


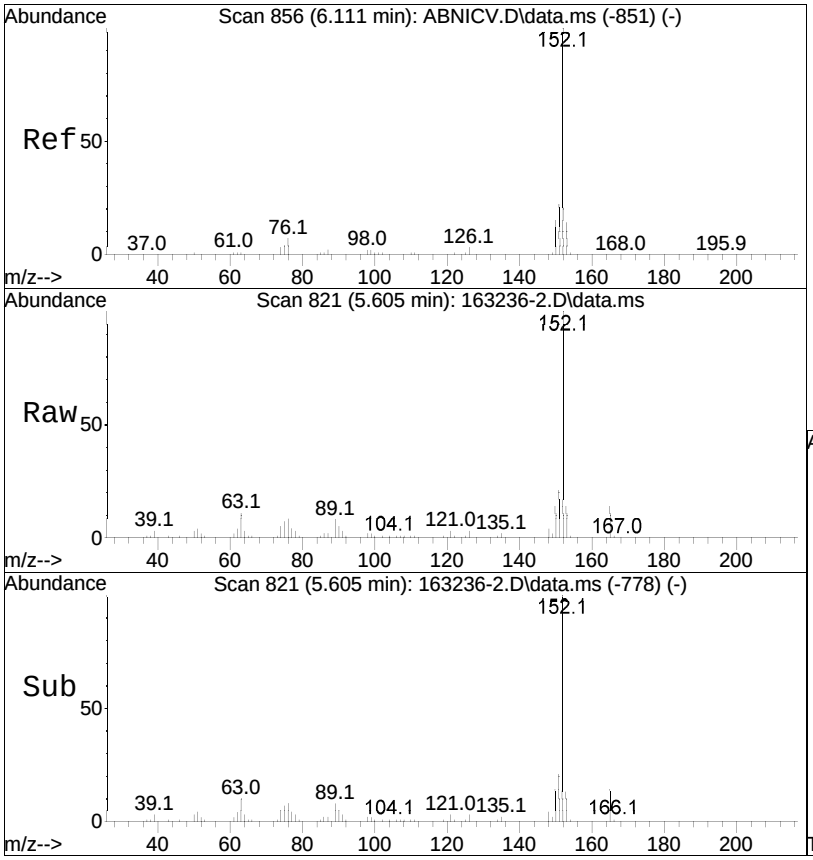


#51
Dimethyl phthalate
Concen: 28.22 ug/ml
RT: 5.564 min Scan# 814
Delta R.T. 0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:163 Resp: 192413

Ion	Ratio	Lower	Upper
163	100		
194	2.0	3.4	5.2#
164	10.3	8.4	12.6

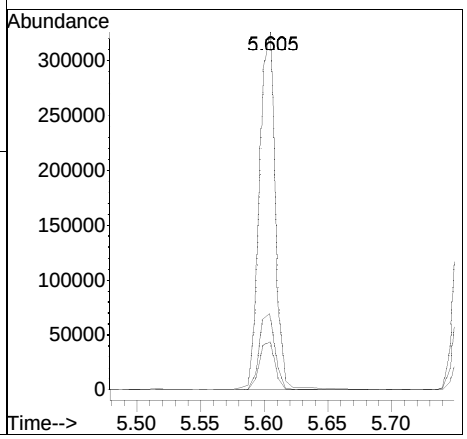


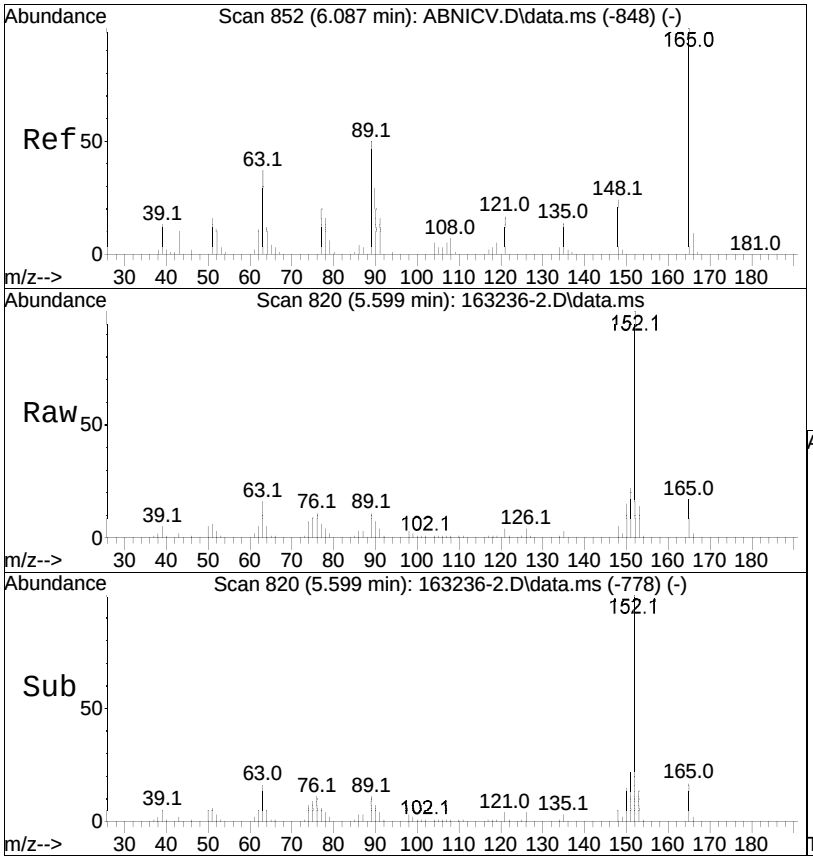


#52
Acenaphthylene
Concen: 31.81 ug/ml
RT: 5.605 min Scan# 821
Delta R.T. 0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:152 Resp: 282824

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.7	25.1
153	13.4	11.1	16.7

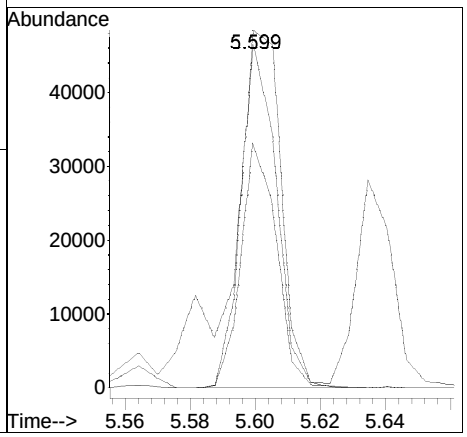


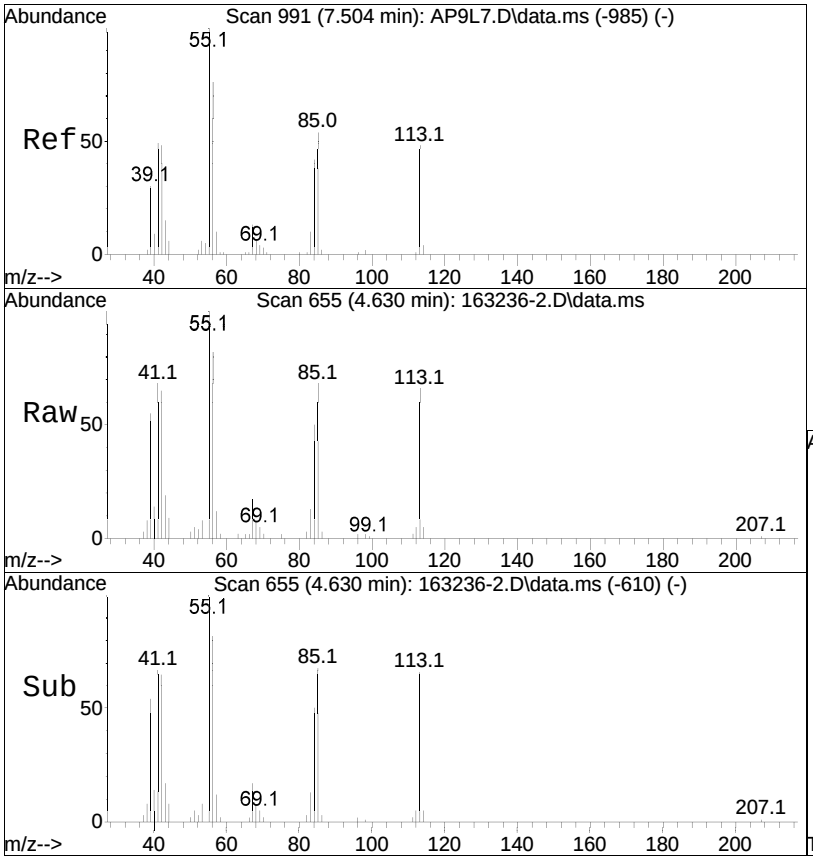


#53
2,6-Dinitrotoluene
Concen: 29.41 ug/ml
RT: 5.599 min Scan# 820
Delta R.T. -0.006 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:165 Resp: 40956

Ion	Ratio	Lower	Upper
165	100		
89	61.6	43.1	64.7
63	117.2	42.7	64.1#

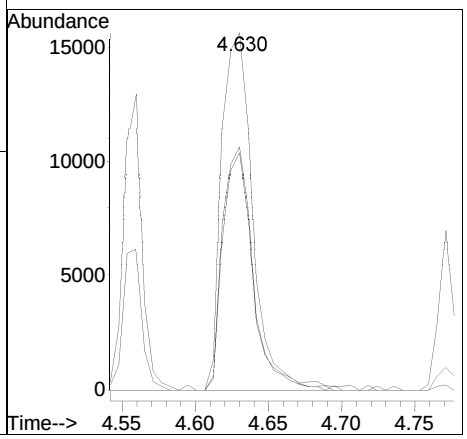


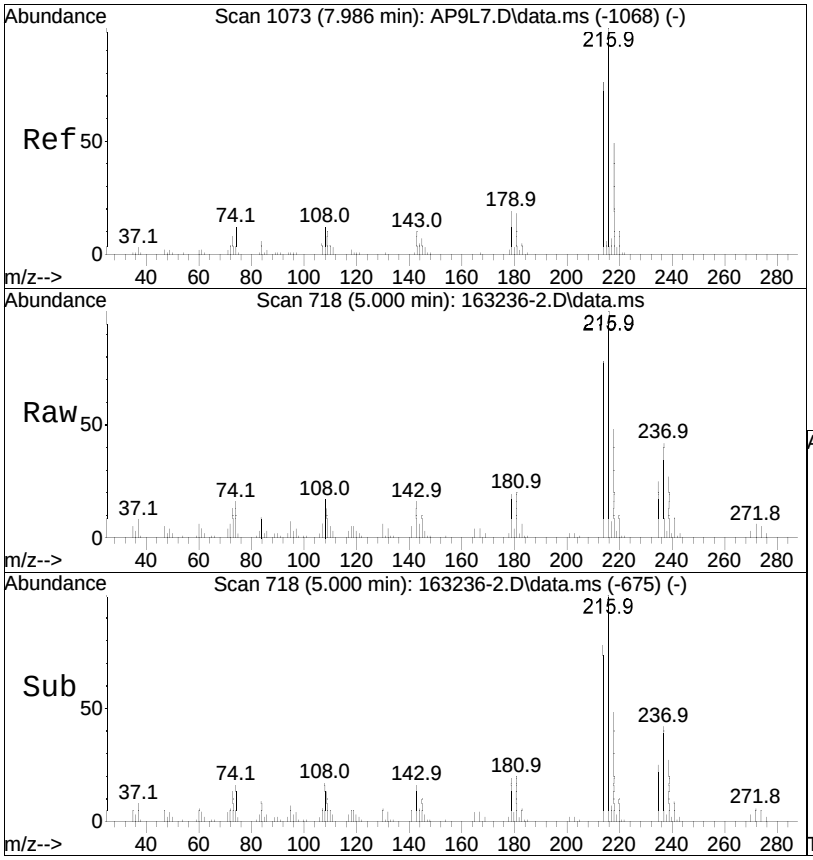


#60
Caprolactam
Concen: 30.21 ug/ml
RT: 4.630 min Scan# 655
Delta R.T. 0.012 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion: 55 Resp: 23391

Ion	Ratio	Lower	Upper
55	100		
85	66.1	36.6	54.8#
113	63.8	50.2	75.2

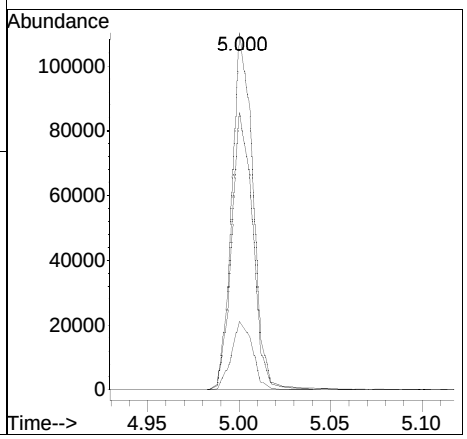


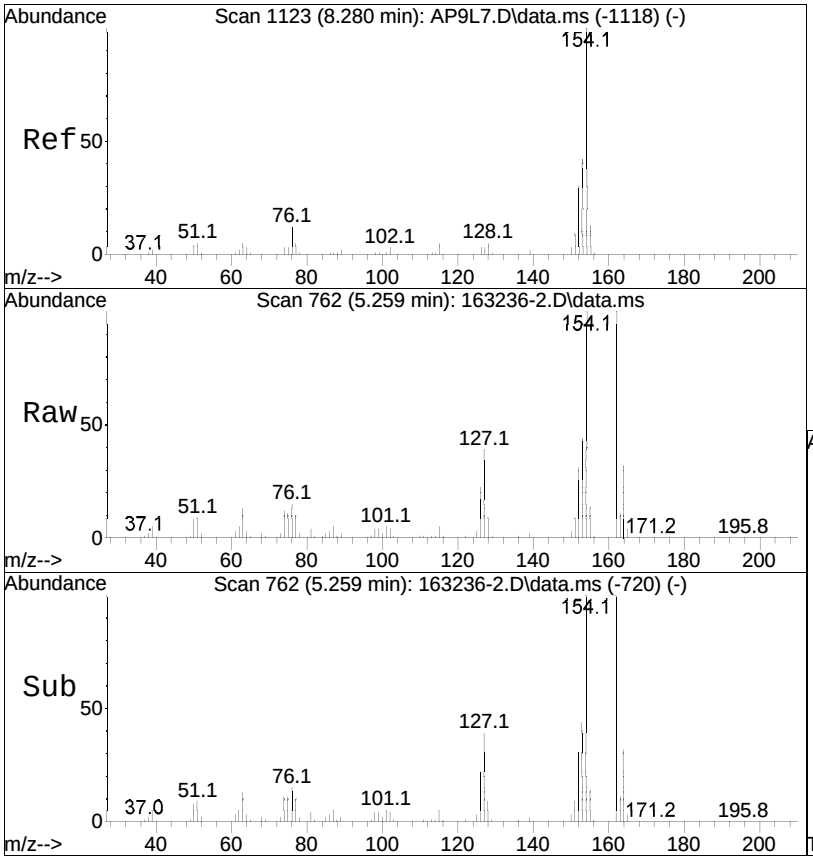


#61
1,2,4,5-Tetrachlorobenzene
Concen: 26.33 ug/ml
RT: 5.000 min Scan# 718
Delta R.T. 0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:216 Resp: 88854

Ion	Ratio	Lower	Upper
216	100		
214	77.9	63.0	94.4
179	19.4	15.3	22.9

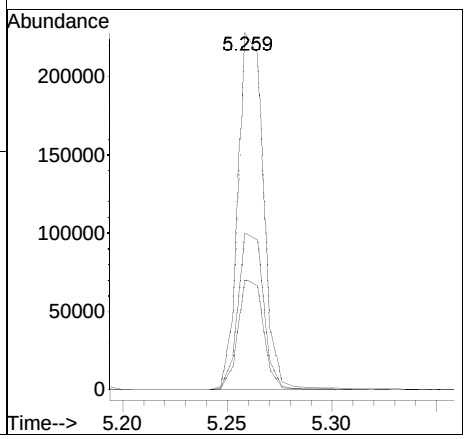


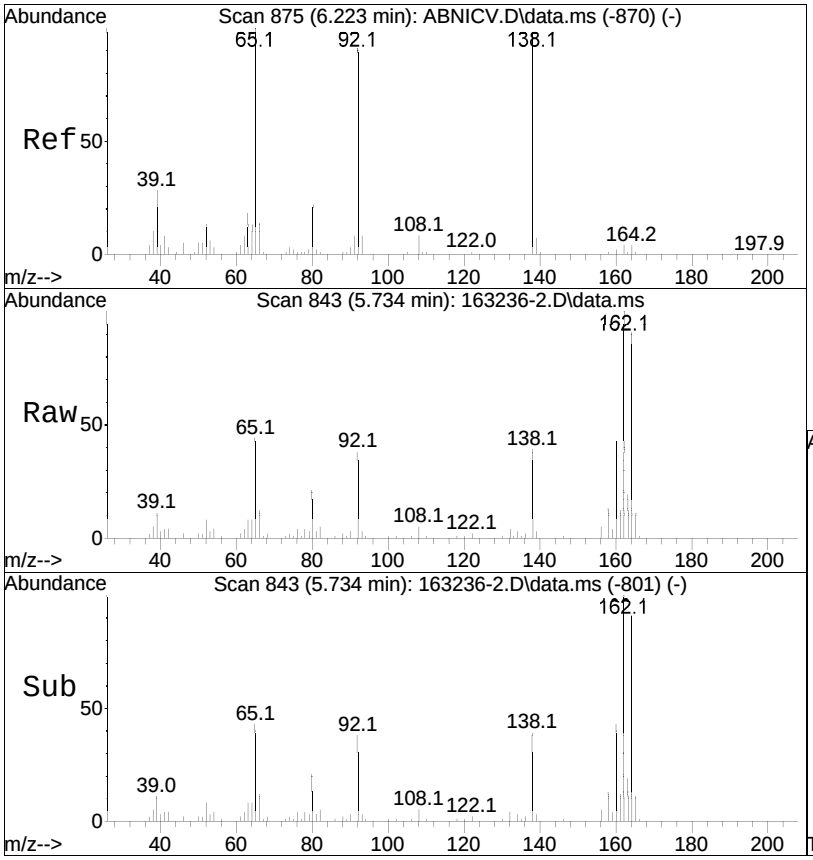


#62
Biphenyl
Concen: 29.48 ug/ml
RT: 5.259 min Scan# 762
Delta R.T. -0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:154 Resp: 192249

Ion	Ratio	Lower	Upper
154	100		
153	44.7	33.8	50.8
152	31.1	23.0	34.6

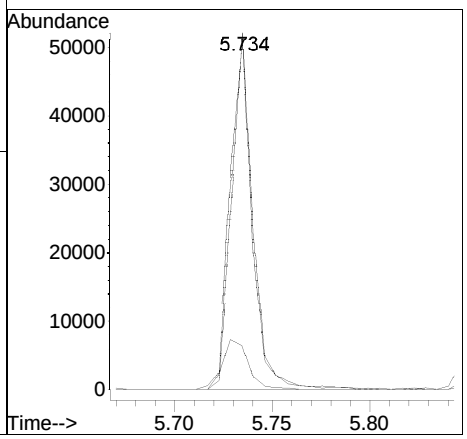


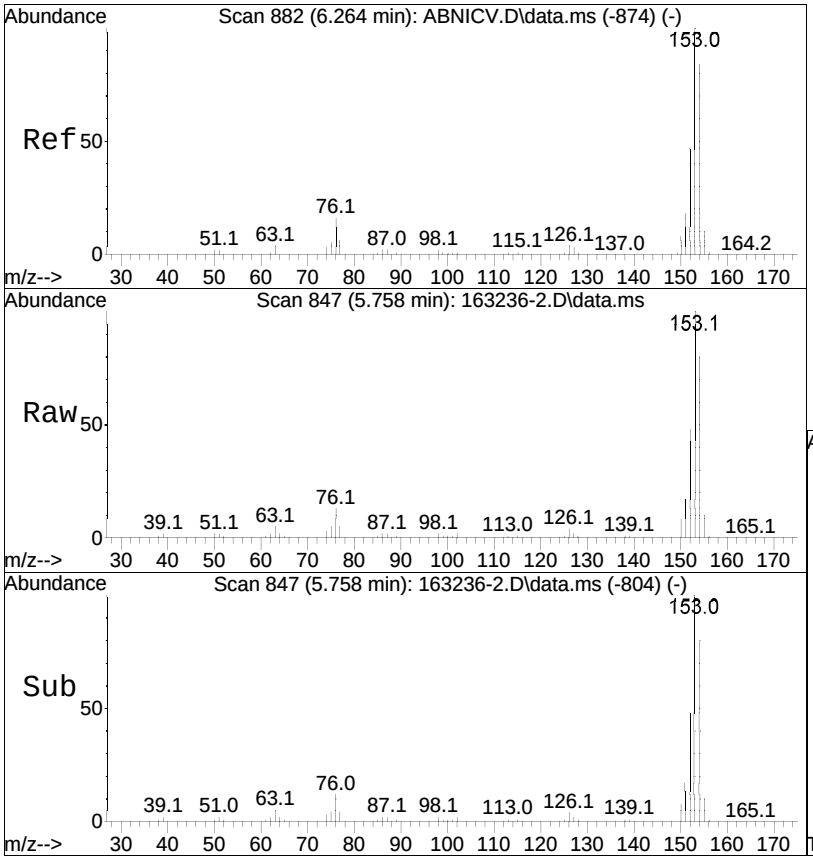


#64
3-Nitroaniline
Concen: 28.60 ug/ml
RT: 5.734 min Scan# 843
Delta R.T. -0.001 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:138 Resp: 39054

Ion	Ratio	Lower	Upper
138	100		
92	101.5	77.5	116.3
108	17.6	7.0	10.4#

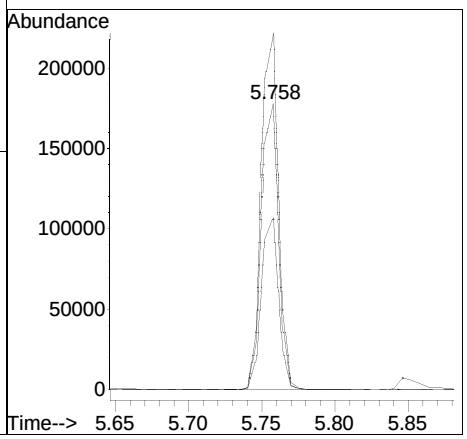


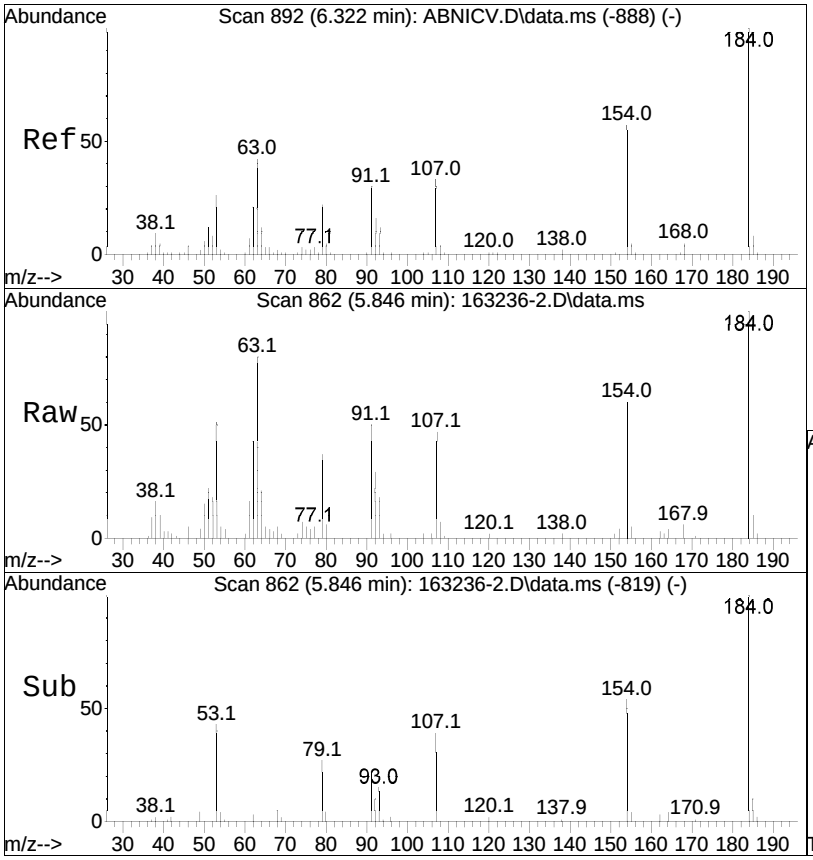


#65
Acenaphthene
Concen: 29.75 ug/ml
RT: 5.758 min Scan# 847
Delta R.T. -0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:154 Resp: 146126

Ion	Ratio	Lower	Upper
154	100		
153	125.4	89.4	134.0
152	59.9	42.2	63.2

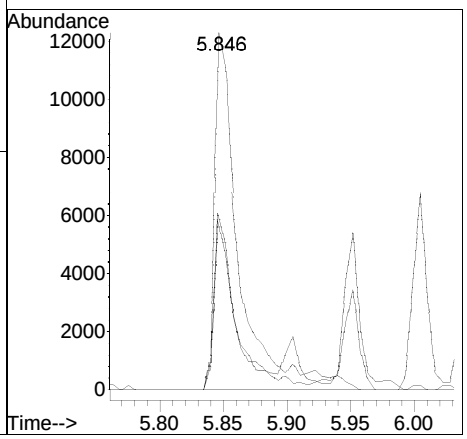


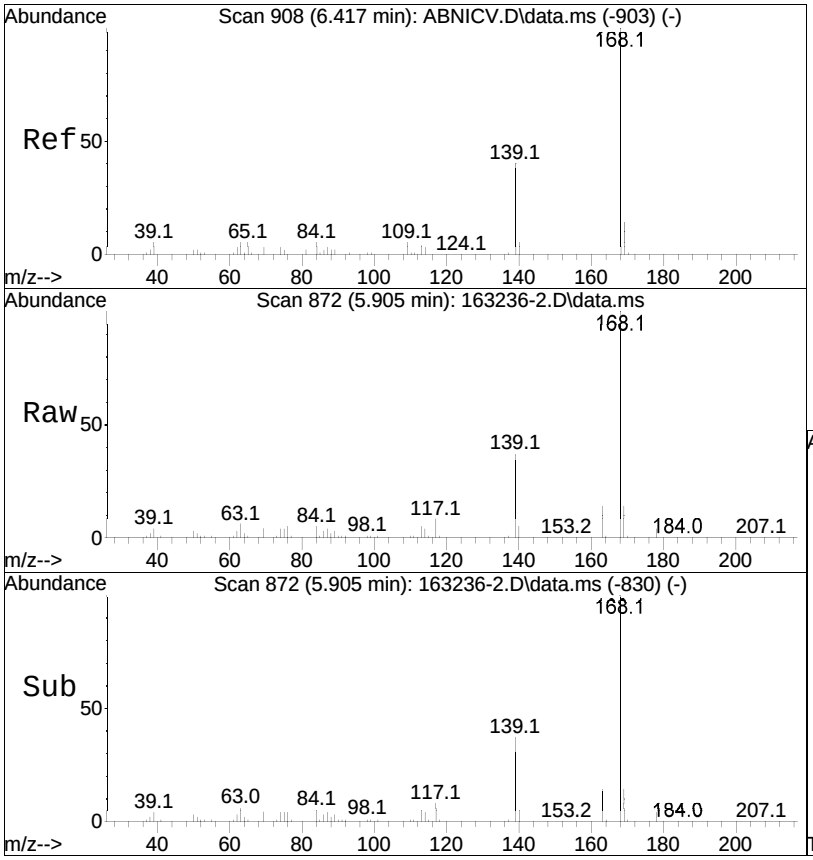


#66
2,4-Dinitrophenol
Concen: 18.67 ug/ml
RT: 5.846 min Scan# 862
Delta R.T. 0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:184 Resp: 16392

Ion	Ratio	Lower	Upper
184	100		
107	42.9	31.4	47.2
91	42.1	37.2	55.8

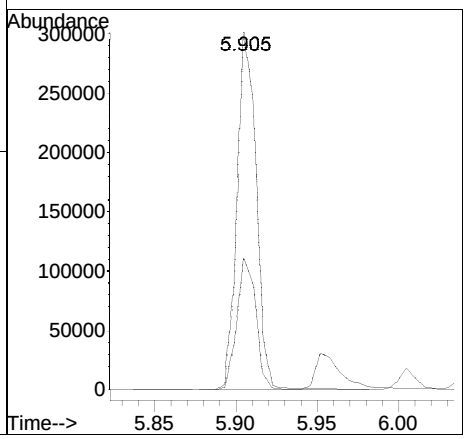


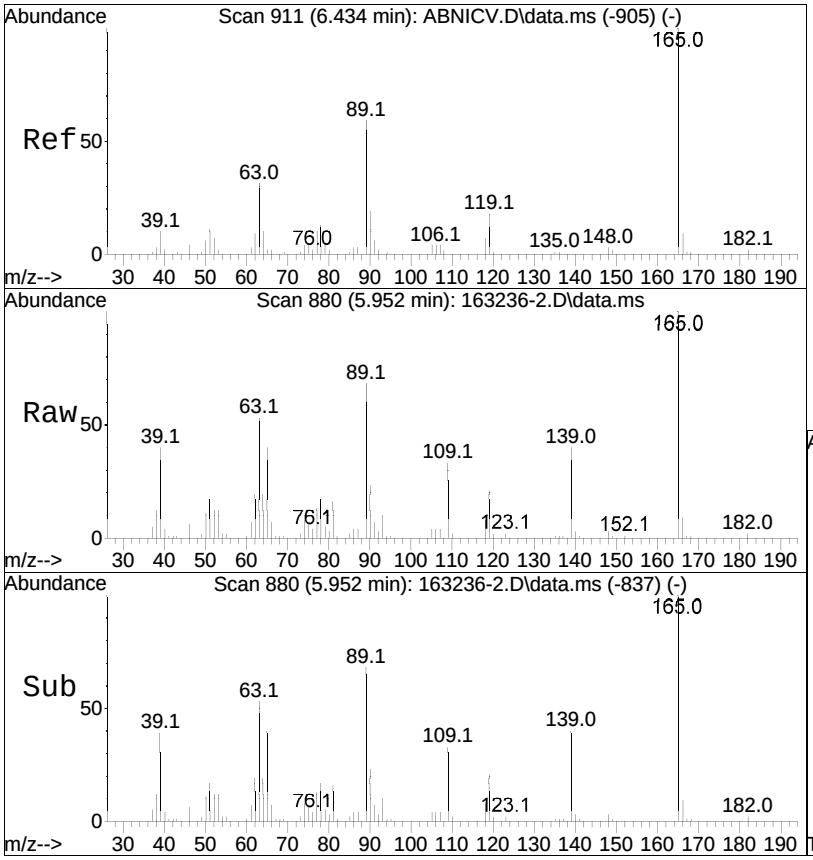


#67
Dibenzofuran
Concen: 29.65 ug/ml
RT: 5.905 min Scan# 872
Delta R.T. -0.006 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:168 Resp: 245214

Ion	Ratio	Lower	Upper
168	100		
139	36.6	28.0	42.0

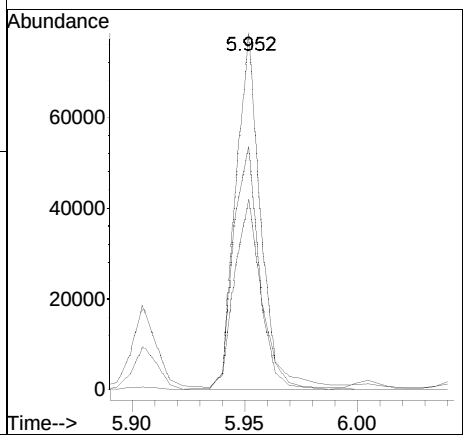


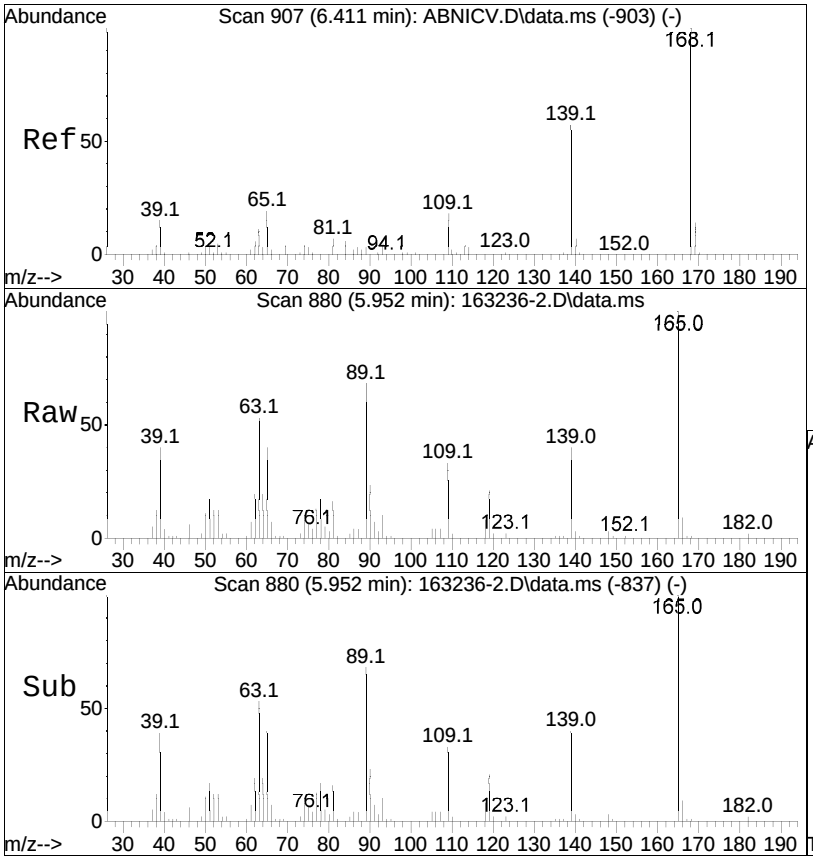


#68
2,4-Dinitrotoluene
Concen: 31.07 ug/ml
RT: 5.952 min Scan# 880
Delta R.T. -0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:165 Resp: 58863

Ion	Ratio	Lower	Upper
165	100		
89	71.7	63.0	94.6
63	62.5	50.3	75.5

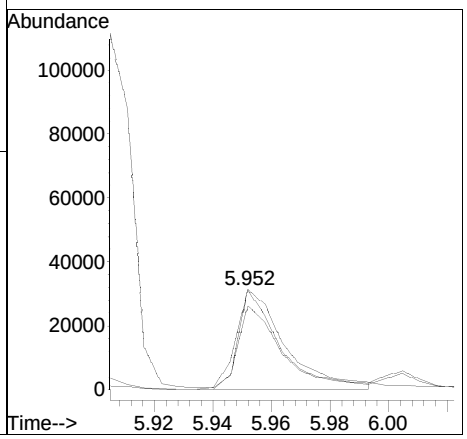


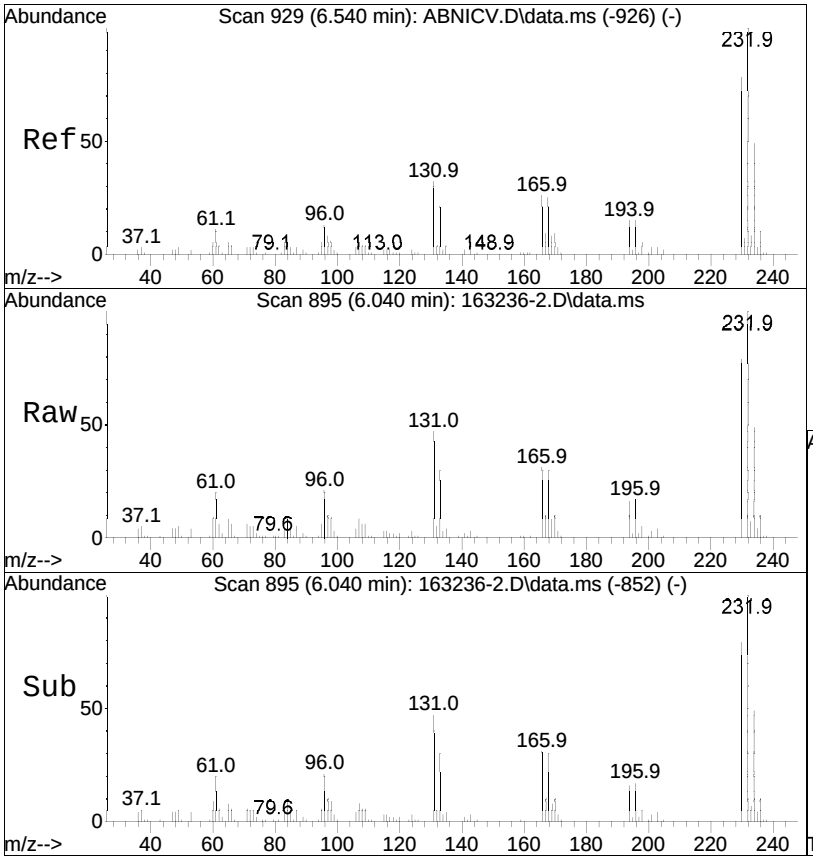


#69
4-Nitrophenol
Concen: 35.97 ug/ml
RT: 5.952 min Scan# 880
Delta R.T. -0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion: 65 Resp: 33218

Ion	Ratio	Lower	Upper
65	100		
109	84.8	55.3	82.9#
139	107.7	95.1	142.7

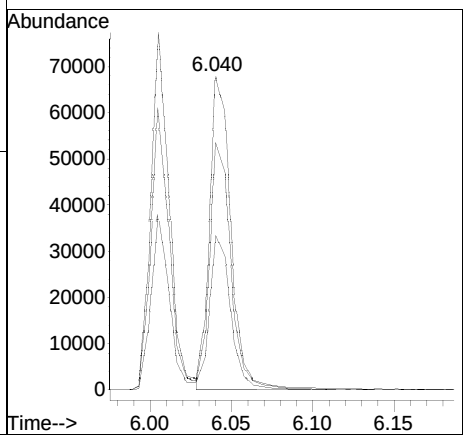


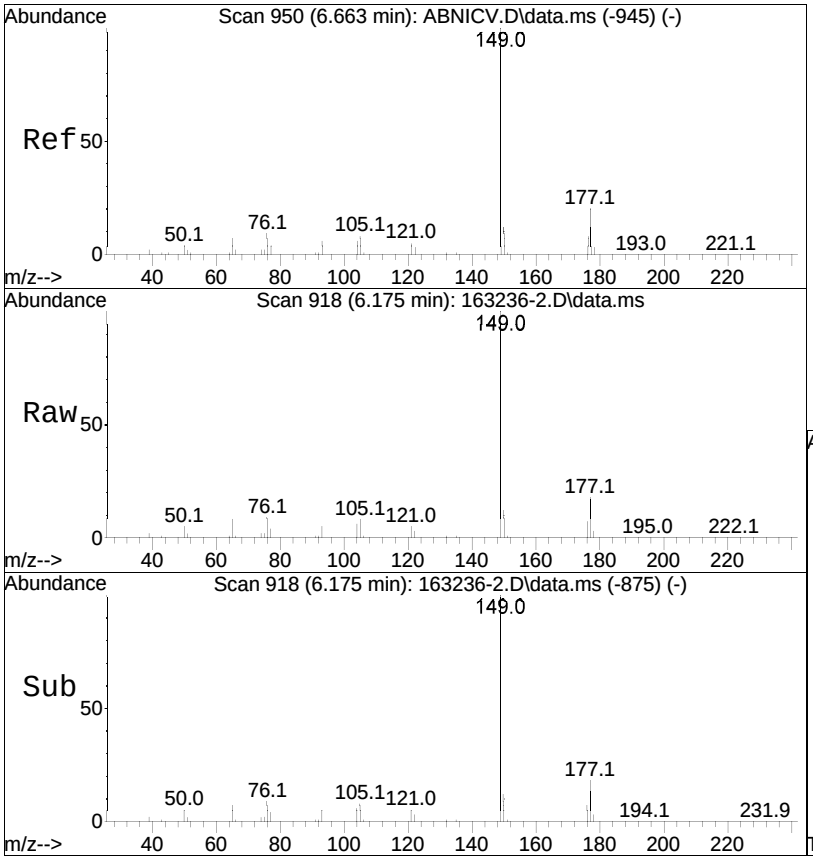


#71
2,3,4,6-Tetrachlorophenol
Concen: 31.13 ug/ml
RT: 6.040 min Scan# 895
Delta R.T. 0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:232 Resp: 62266

Ion	Ratio	Lower	Upper
232	100		
230	78.5	64.2	96.4
234	48.1	38.4	57.6

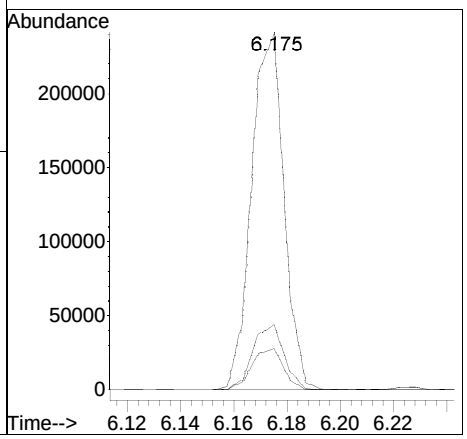


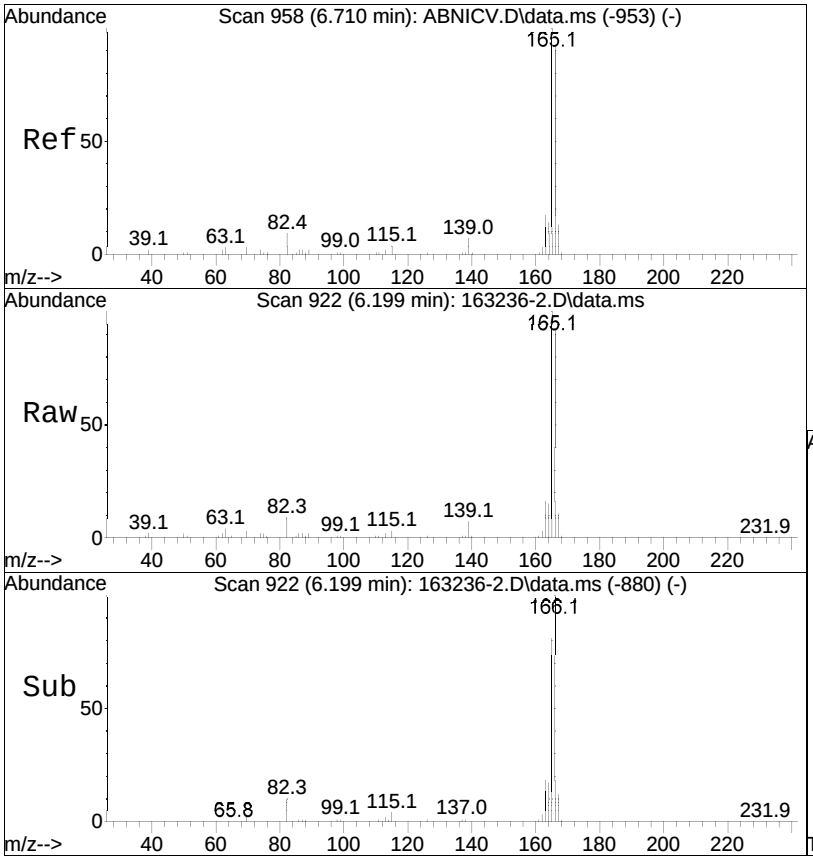


#72
Diethyl phthalate
Concen: 30.66 ug/ml
RT: 6.175 min Scan# 918
Delta R.T. 0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:149 Resp: 201305

Ion	Ratio	Lower	Upper
149	100		
177	17.9	16.2	24.2
150	11.8	9.4	14.0

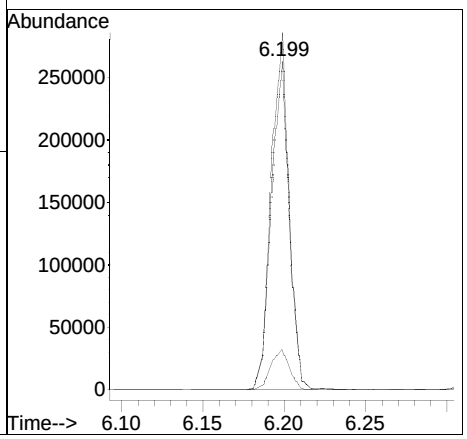


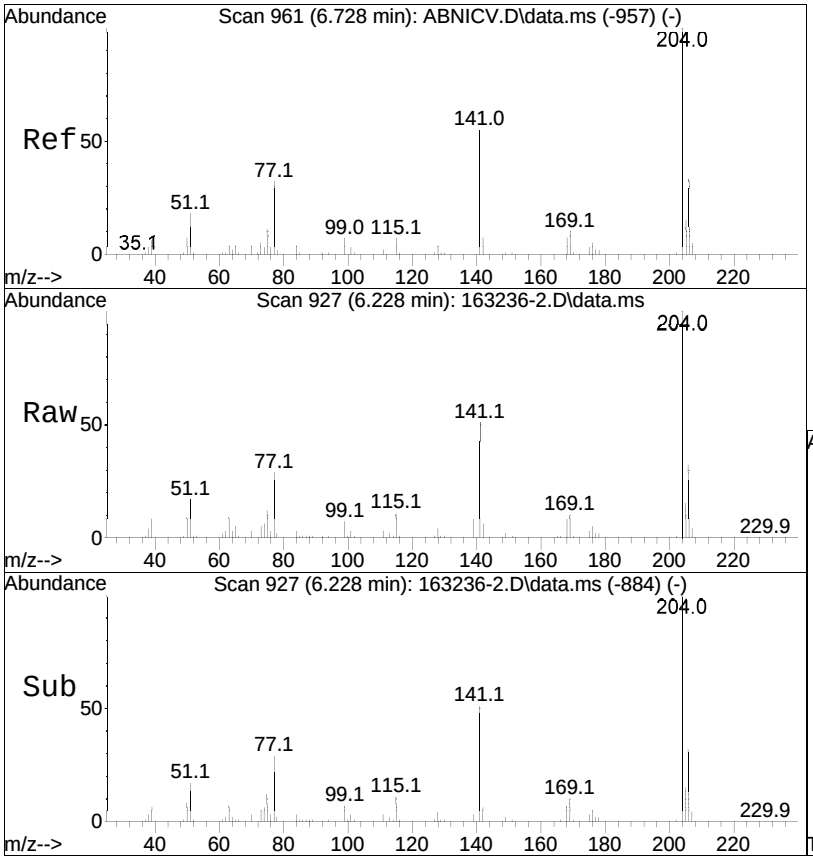


#73
Fluorene
Concen: 30.66 ug/ml
RT: 6.199 min Scan# 922
Delta R.T. -0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:166 Resp: 199436

Ion	Ratio	Lower	Upper
166	100		
165	108.6	77.2	115.8
167	13.0	10.9	16.3

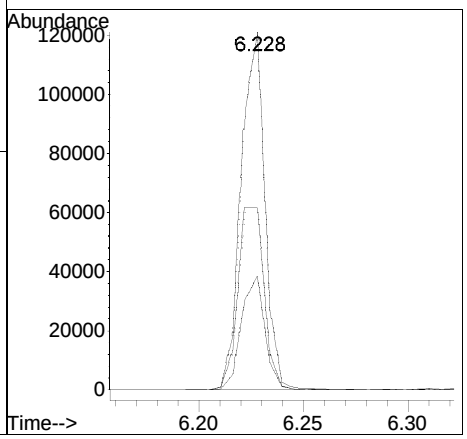


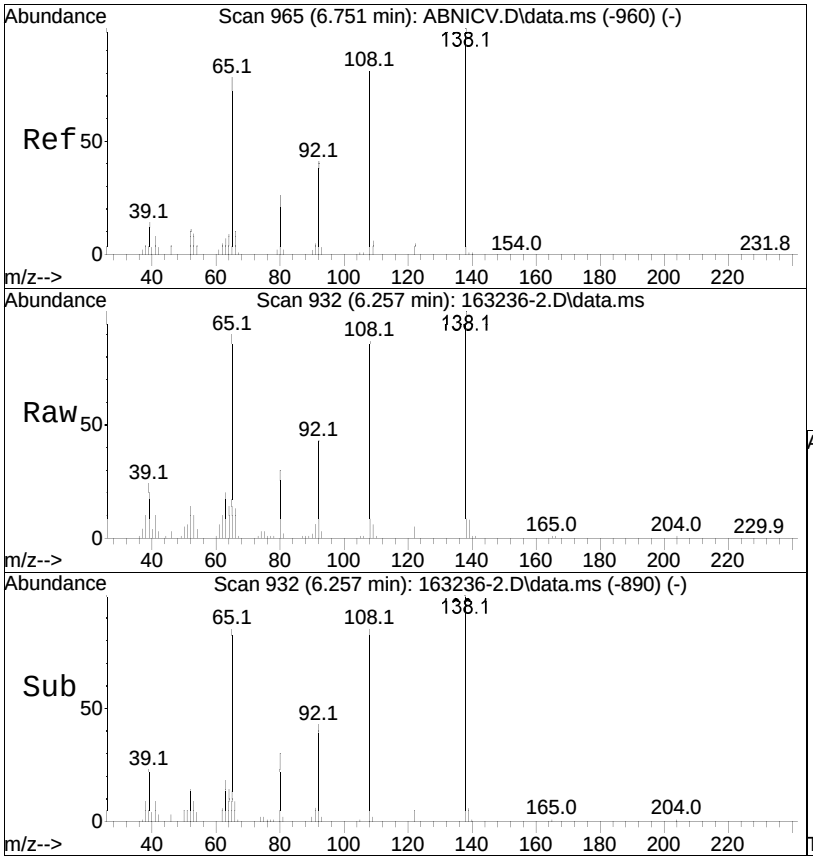


#74
4-Chlorophenyl phenyl ether
Concen: 27.54 ug/ml
RT: 6.228 min Scan# 927
Delta R.T. 0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:204 Resp: 94082

Ion	Ratio	Lower	Upper
204	100		
206	31.9	27.0	40.6
141	56.6	42.2	63.2

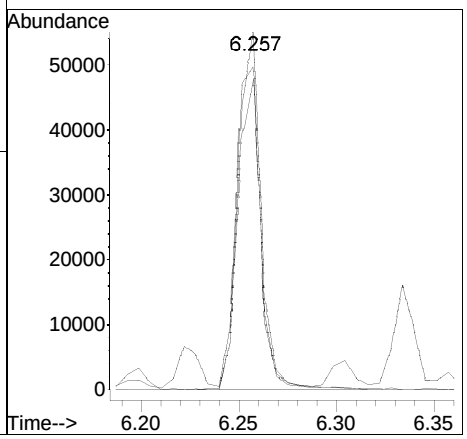


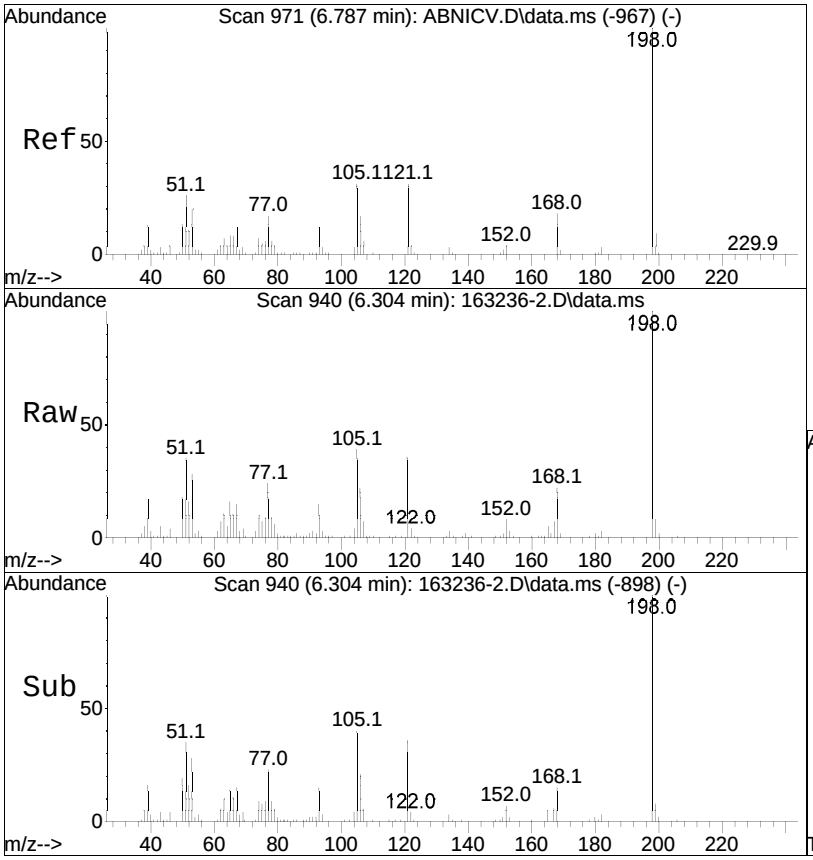


#75
4-Nitroaniline
Concen: 34.21 ug/ml
RT: 6.257 min Scan# 932
Delta R.T. -0.001 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:138 Resp: 45097

Ion	Ratio	Lower	Upper
138	100		
108	87.2	46.7	70.1#
65	94.3	81.2	121.8

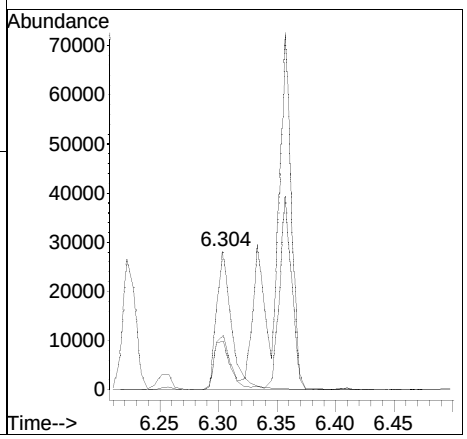


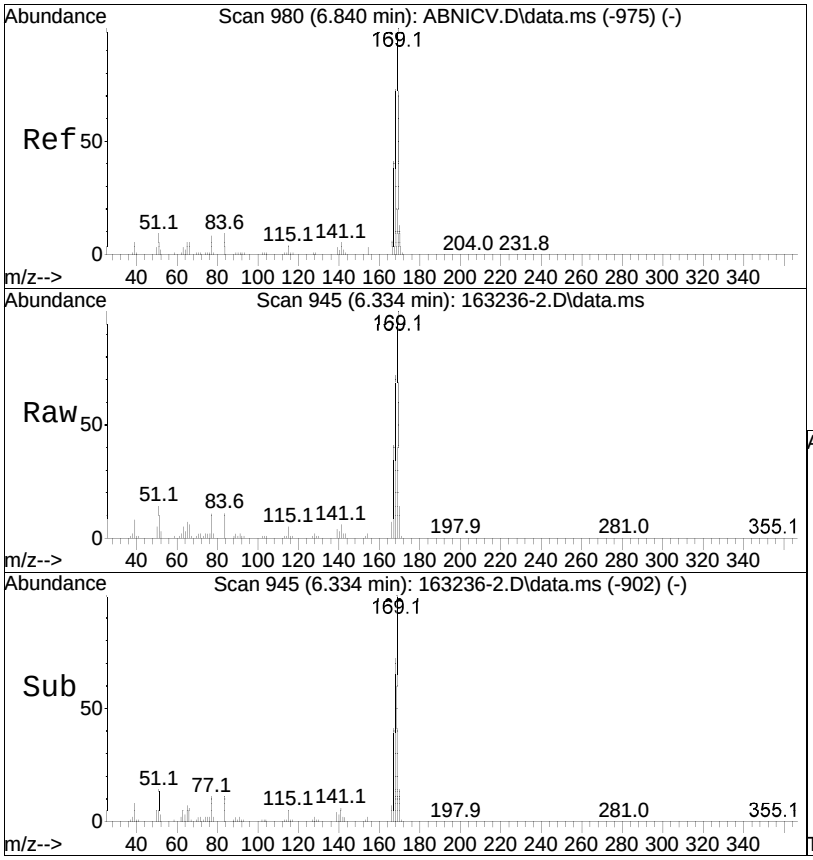


#76
4,6-Dinitro-o-cresol
Concen: 23.00 ug/ml
RT: 6.304 min Scan# 940
Delta R.T. -0.001 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:198 Resp: 26306

Ion	Ratio	Lower	Upper
198	100		
51	36.3	35.0	52.6
105	40.4	32.3	48.5

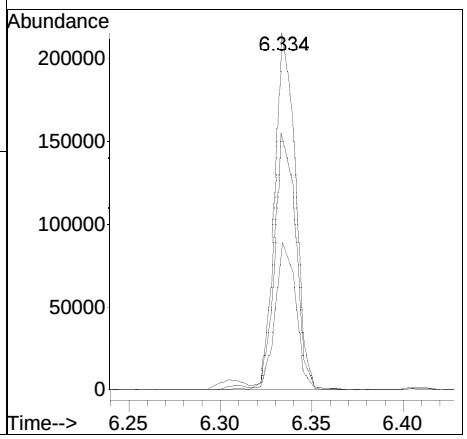


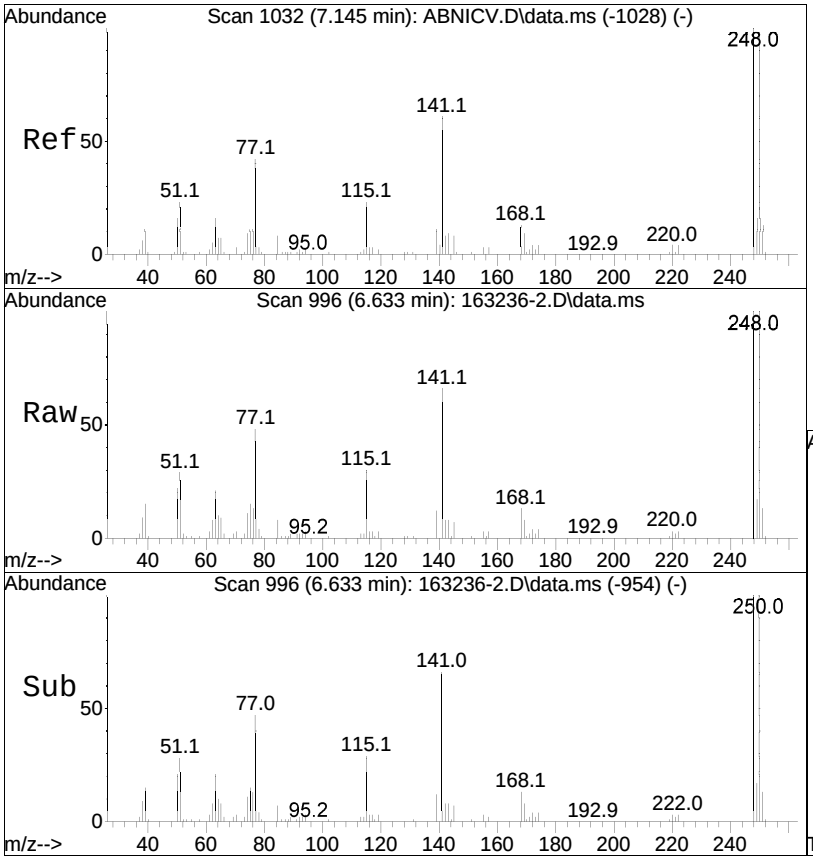


#77
NDPA/DPA
Concen: 30.37 ug/ml
RT: 6.334 min Scan# 945
Delta R.T. -0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:169 Resp: 170409

Ion	Ratio	Lower	Upper
169	100		
168	72.2	54.6	82.0
167	42.5	30.7	46.1

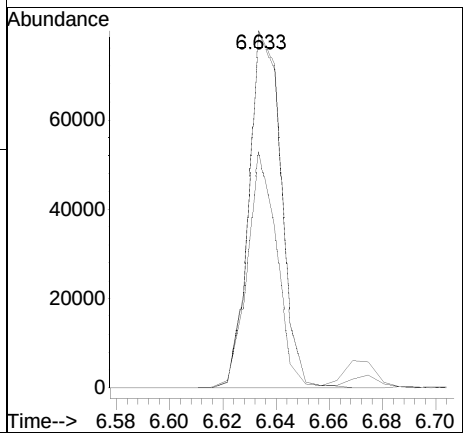


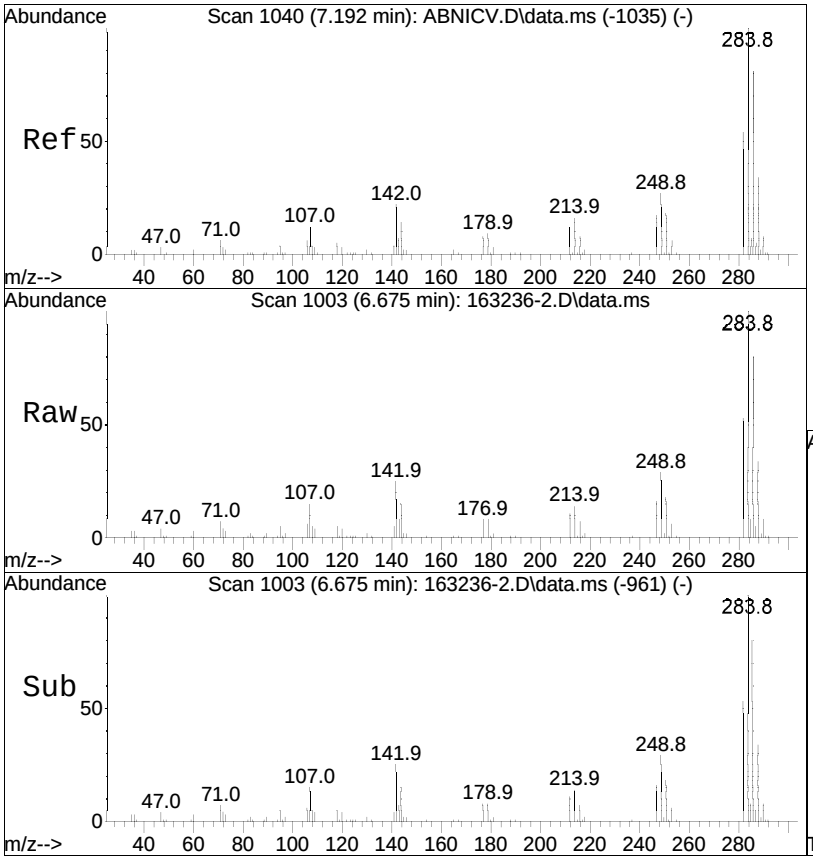


#80
4-Bromophenyl phenyl ether
Concen: 28.30 ug/ml
RT: 6.633 min Scan# 996
Delta R.T. -0.001 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:248 Resp: 67625

Ion	Ratio	Lower	Upper
248	100		
141	60.4	46.6	70.0
250	98.5	79.4	119.2

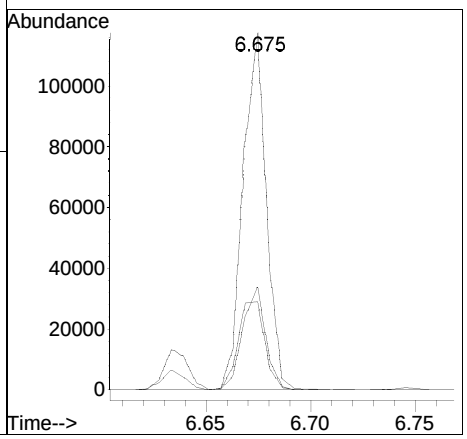


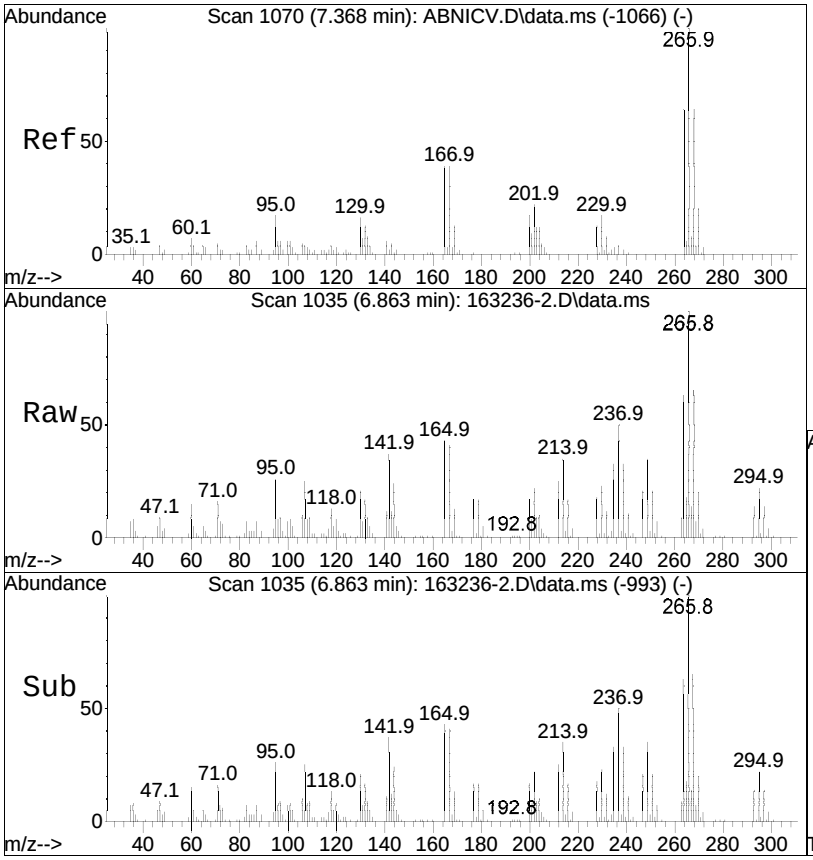


#81
Hexachlorobenzene
Concen: 30.83 ug/ml
RT: 6.675 min Scan# 1003
Delta R.T. -0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:284 Resp: 90634

Ion	Ratio	Lower	Upper
284	100		
142	28.6	26.0	39.0
249	28.6	20.6	30.8

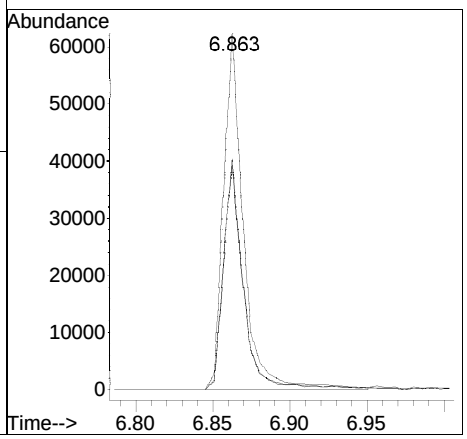


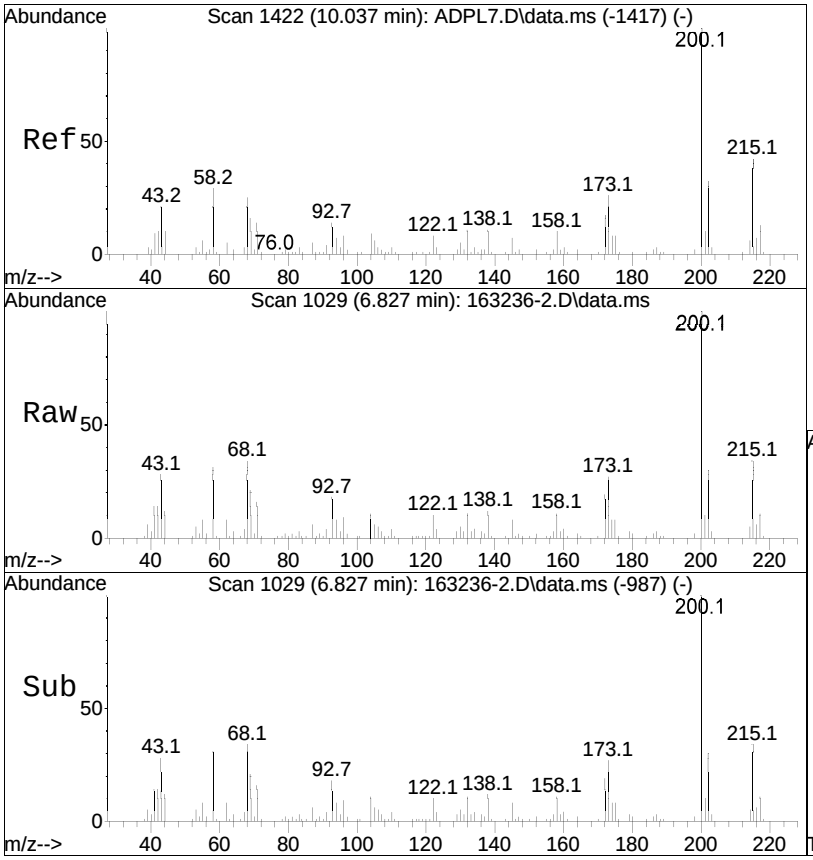


#82
Pentachlorophenol
Concen: 34.56 ug/ml
RT: 6.863 min Scan# 1035
Delta R.T. -0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:266 Resp: 55760

Ion	Ratio	Lower	Upper
266	100		
264	64.9	51.2	76.8
268	65.0	51.5	77.3

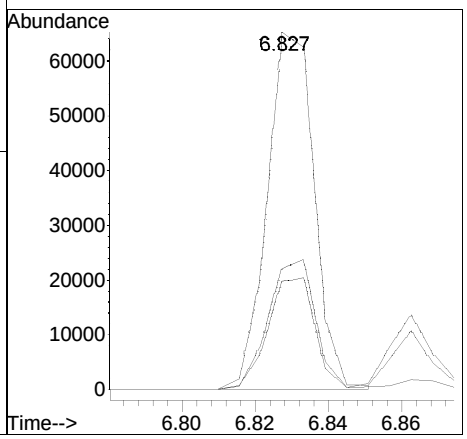


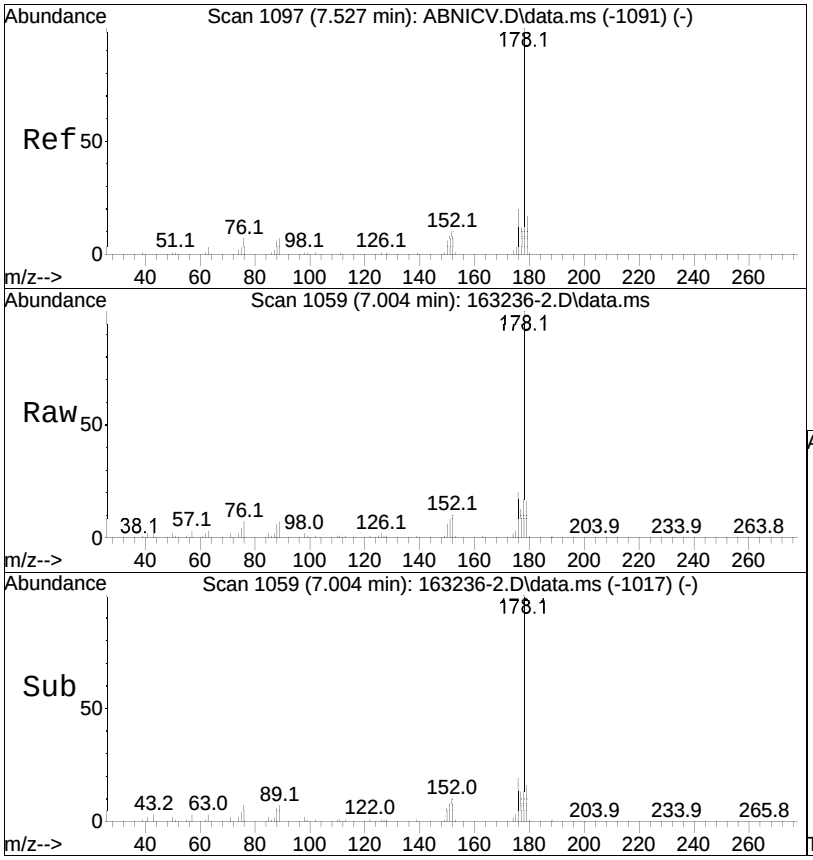


#87
Atrazine
Concen: 28.58 ug/ml
RT: 6.827 min Scan# 1029
Delta R.T. -0.006 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:200 Resp: 57781

Ion	Ratio	Lower	Upper
200	100		
202	31.6	25.8	38.8
215	36.8	40.3	60.5#

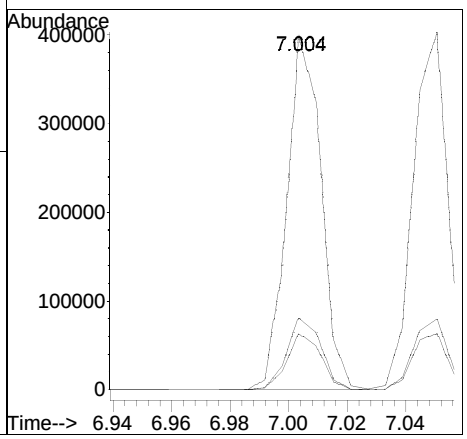


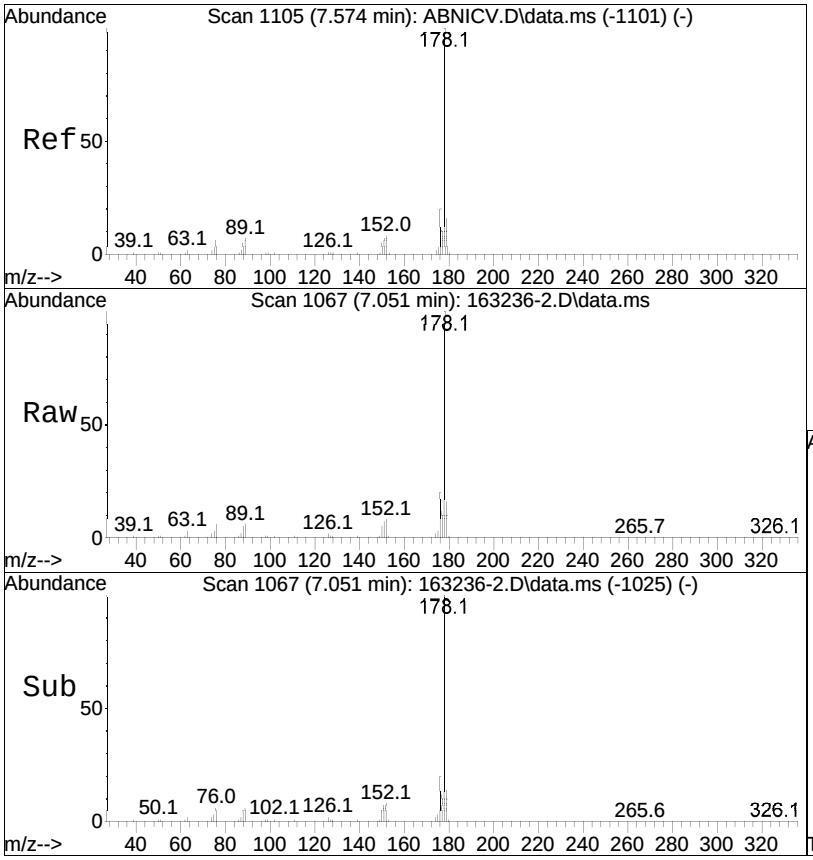


#89
Phenanthrene
Concen: 31.67 ug/ml
RT: 7.004 min Scan# 1059
Delta R.T. -0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:178 Resp: 325607

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.7	19.1
176	20.3	15.8	23.6

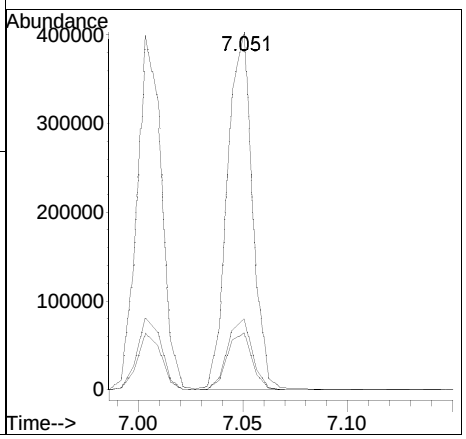


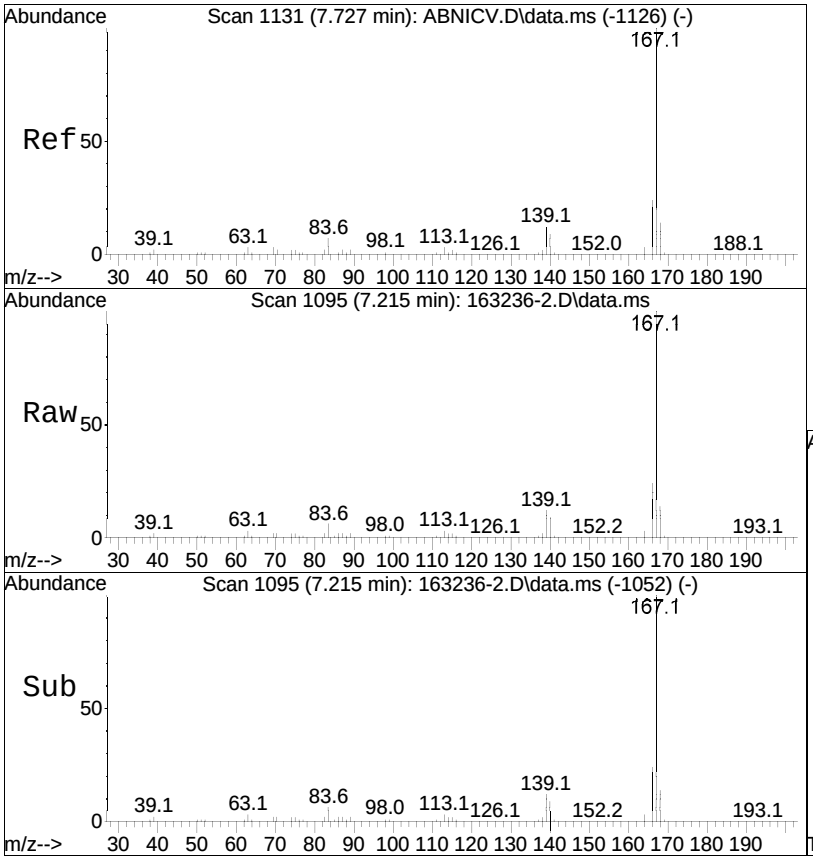


#90
Anthracene
Concen: 32.56 ug/ml
RT: 7.051 min Scan# 1067
Delta R.T. -0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:178 Resp: 336651

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.5	18.7
176	19.6	15.4	23.0

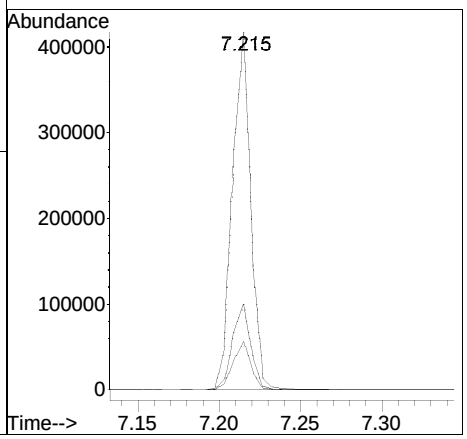


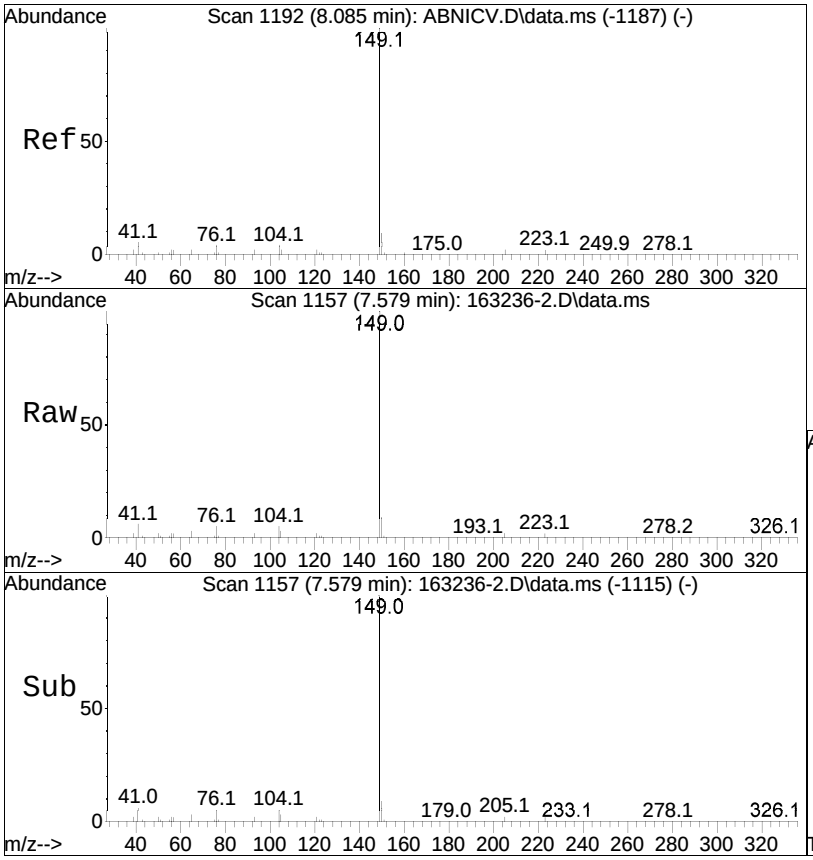


#91
Carbazole
Concen: 33.97 ug/ml
RT: 7.215 min Scan# 1095
Delta R.T. 0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:167 Resp: 323274

Ion	Ratio	Lower	Upper
167	100		
168	13.5	11.3	16.9
166	24.1	17.8	26.8

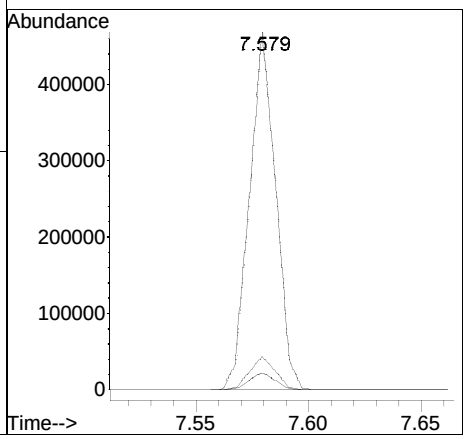


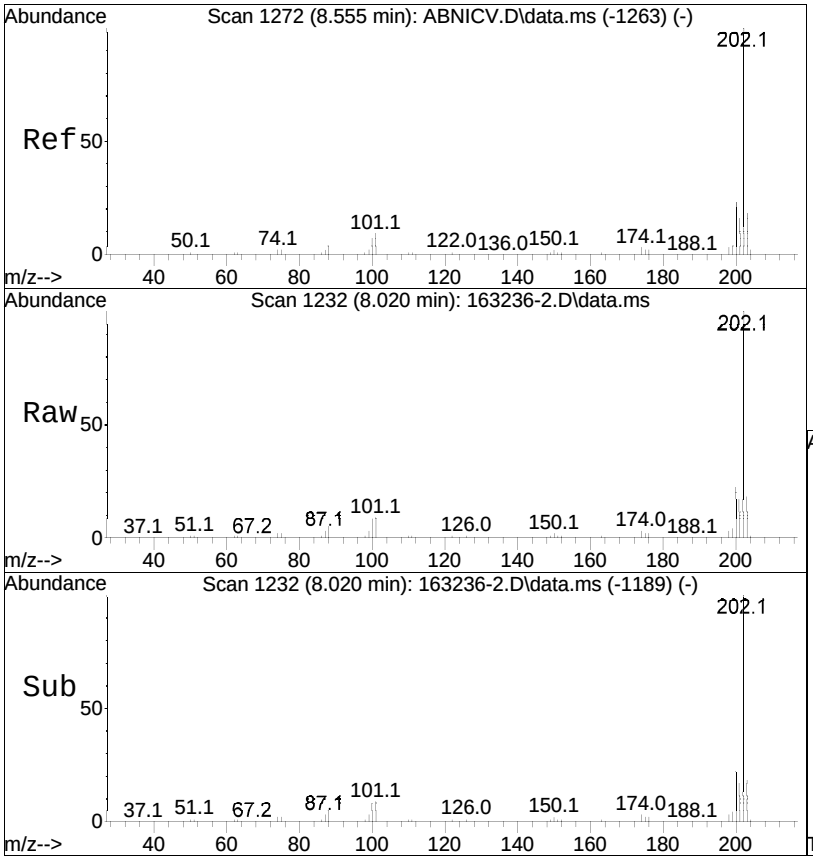


#92
Di-n-butylphthalate
Concen: 34.19 ug/ml
RT: 7.579 min Scan# 1157
Delta R.T. -0.001 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:149 Resp: 372611

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.9	3.8	5.8

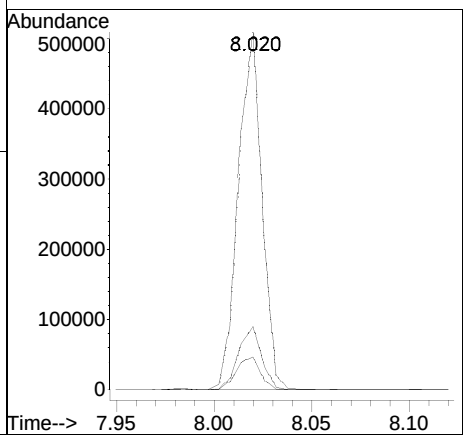


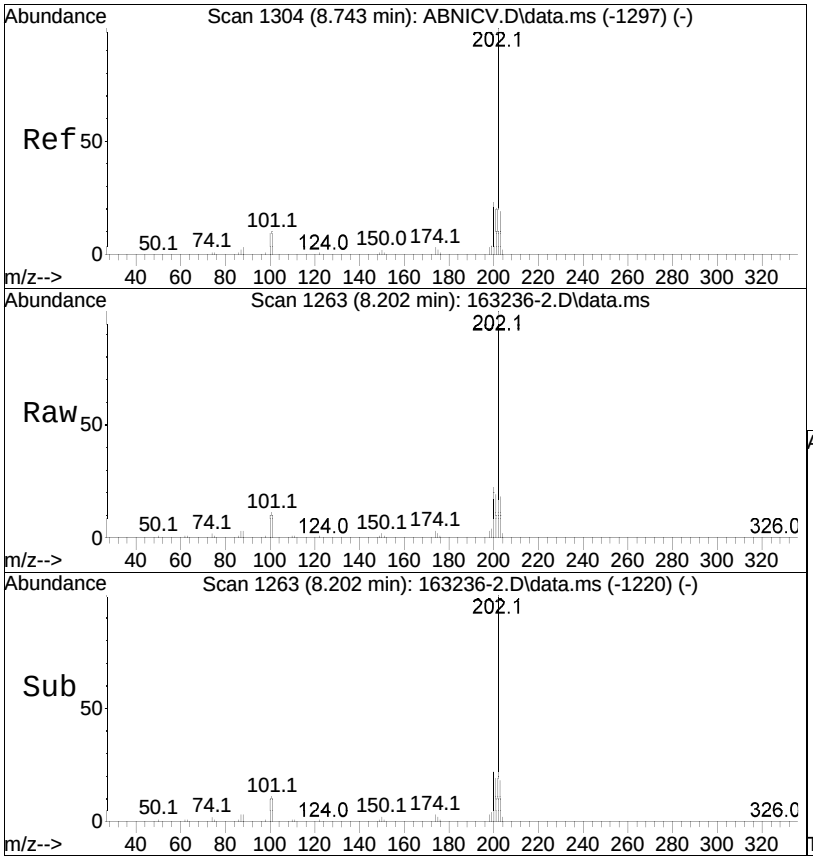


#93
Fluoranthene
Concen: 33.01 ug/ml
RT: 8.020 min Scan# 1232
Delta R.T. 0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:202 Resp: 424685

Ion	Ratio	Lower	Upper
202	100		
101	9.5	12.6	19.0#
203	17.6	14.4	21.6

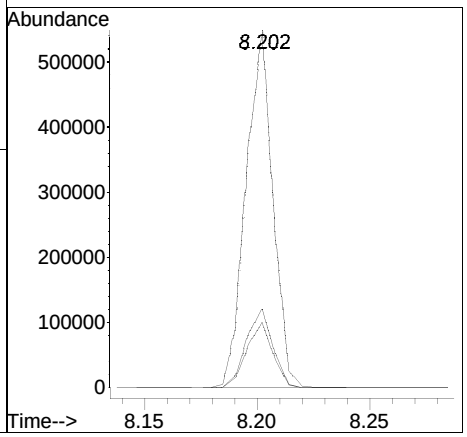


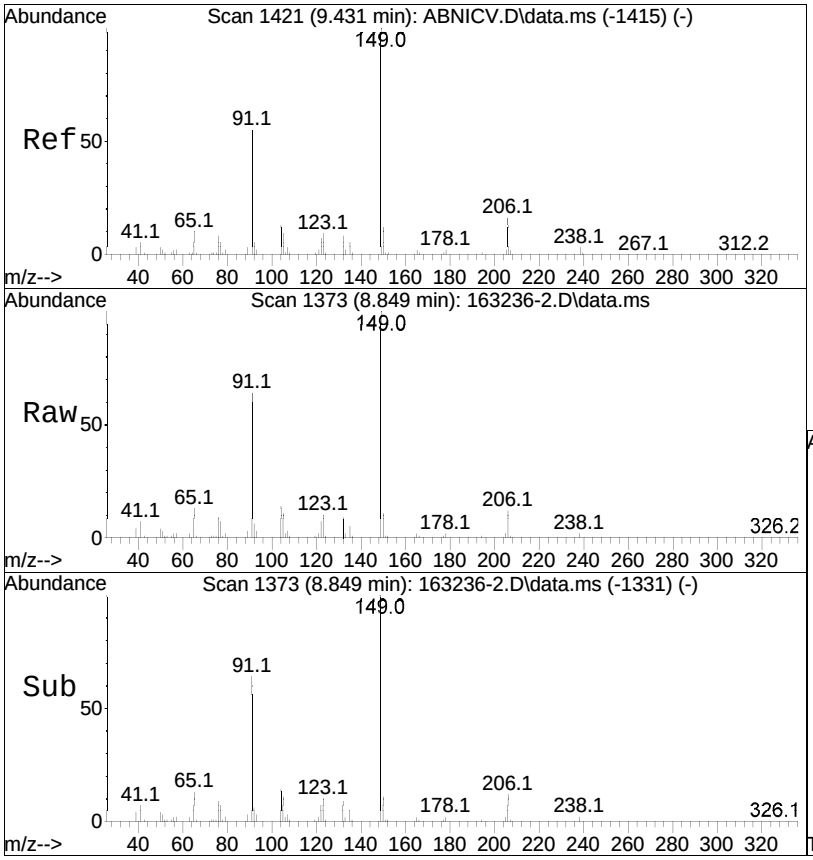


#95
Pyrene
Concen: 33.55 ug/ml
RT: 8.202 min Scan# 1263
Delta R.T. 0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:202 Resp: 450999

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.2	25.8
203	18.1	15.0	22.6

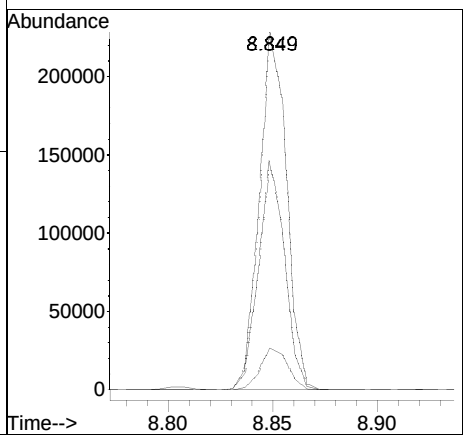


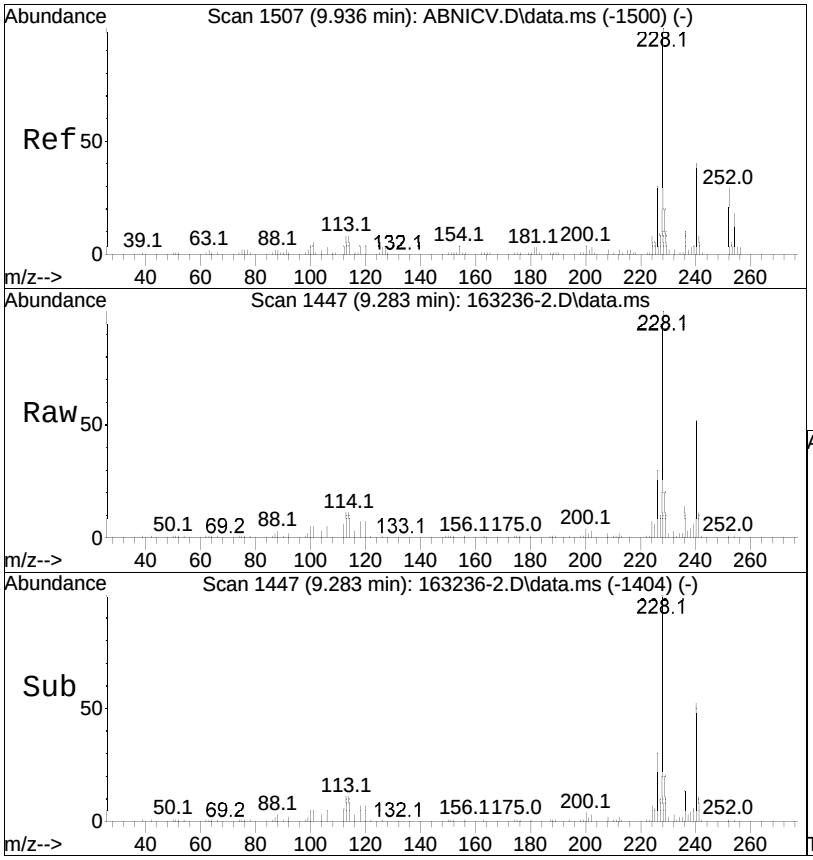


#97
Butyl benzyl phthalate
Concen: 39.06 ug/ml
RT: 8.849 min Scan# 1373
Delta R.T. -0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:149 Resp: 203515

Ion	Ratio	Lower	Upper
149	100		
91	61.7	53.4	80.2
206	11.9	13.3	19.9#

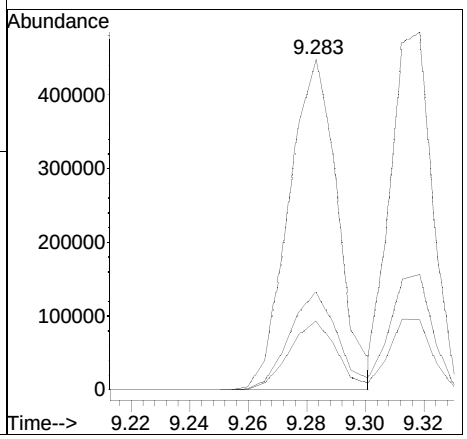


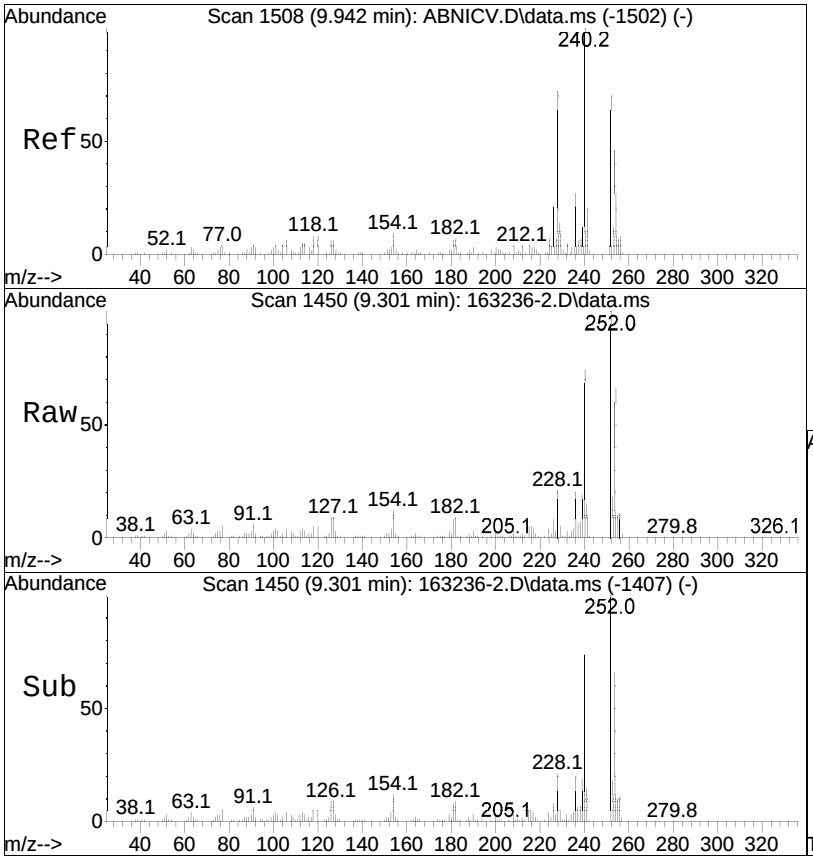


#105
Benzo(a)anthracene
Concen: 32.22 ug/ml
RT: 9.283 min Scan# 1447
Delta R.T. 0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:228 Resp: 520844

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.9	34.3
229	20.5	16.1	24.1

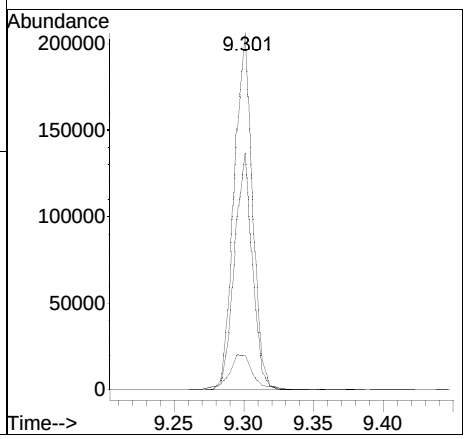


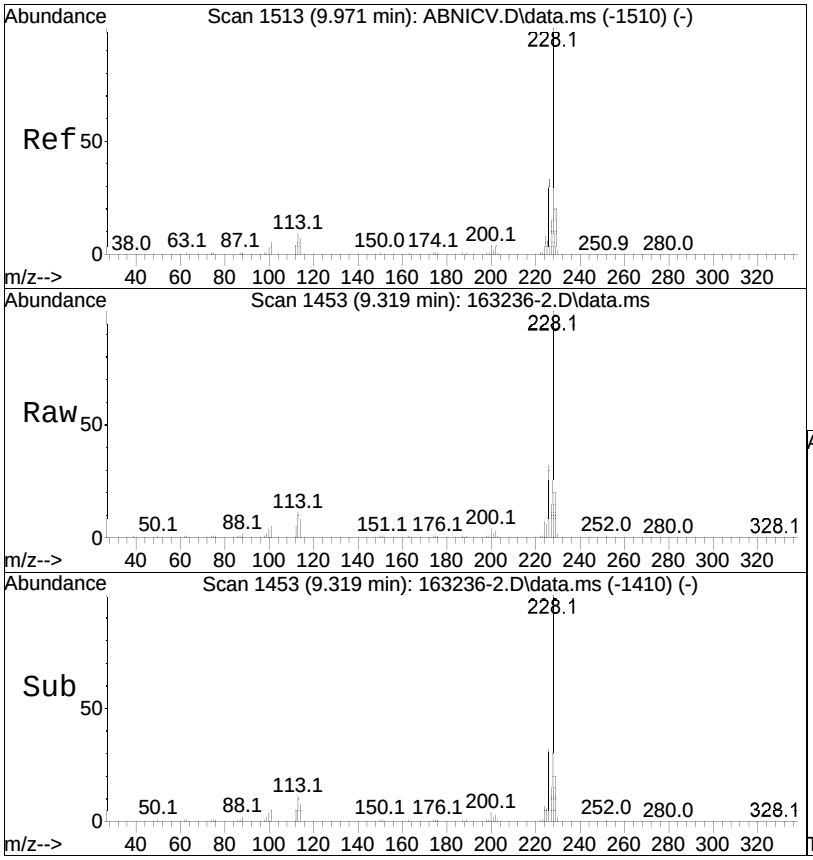


#106
3,3'-Dichlorobenzidine
Concen: 27.89 ug/ml
RT: 9.301 min Scan# 1450
Delta R.T. -0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:252 Resp: 188240

Ion	Ratio	Lower	Upper
252	100		
126	12.8	13.4	20.0#
254	65.1	52.8	79.2

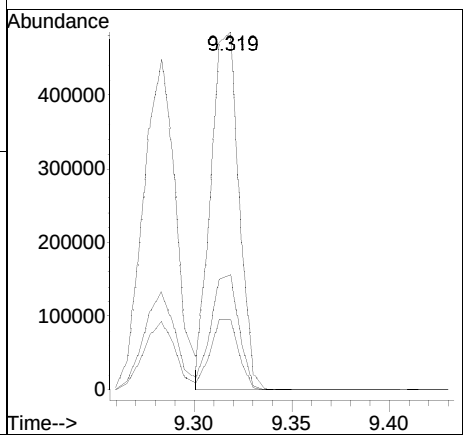


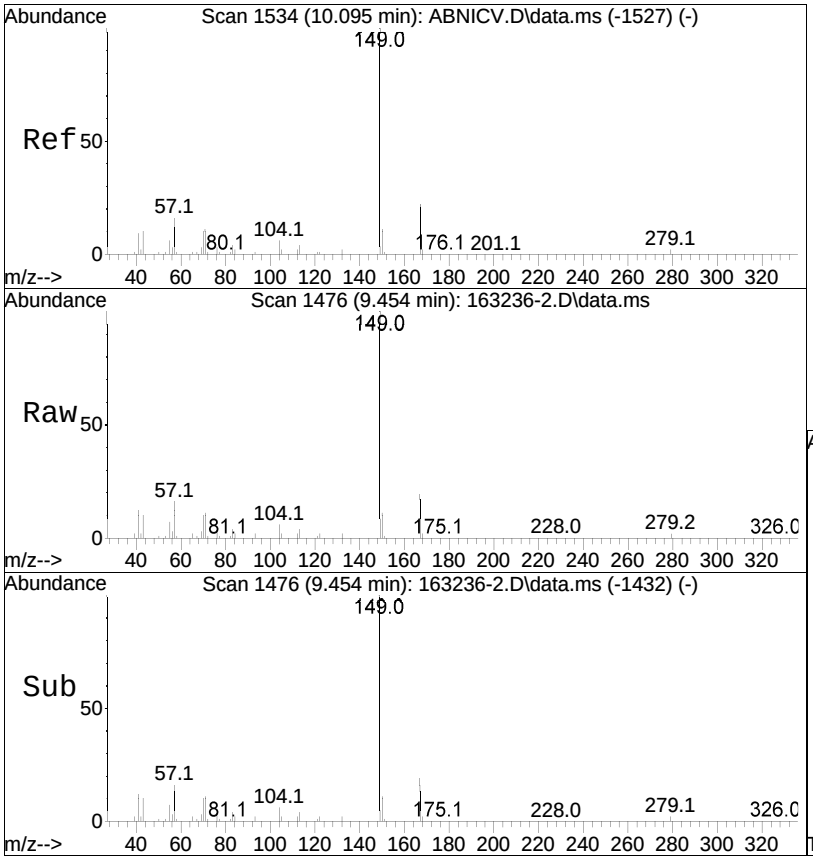


#107
Chrysene
Concen: 32.90 ug/ml
RT: 9.319 min Scan# 1453
Delta R.T. 0.006 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:228 Resp: 482160

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	19.7	16.6	24.8

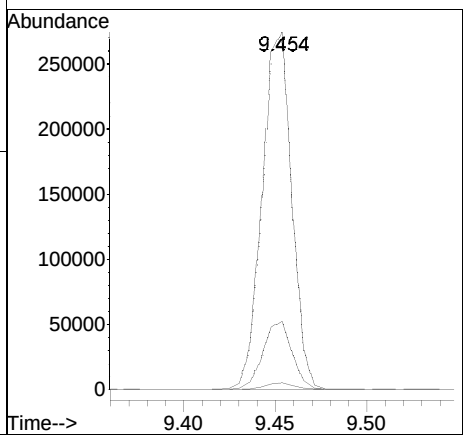


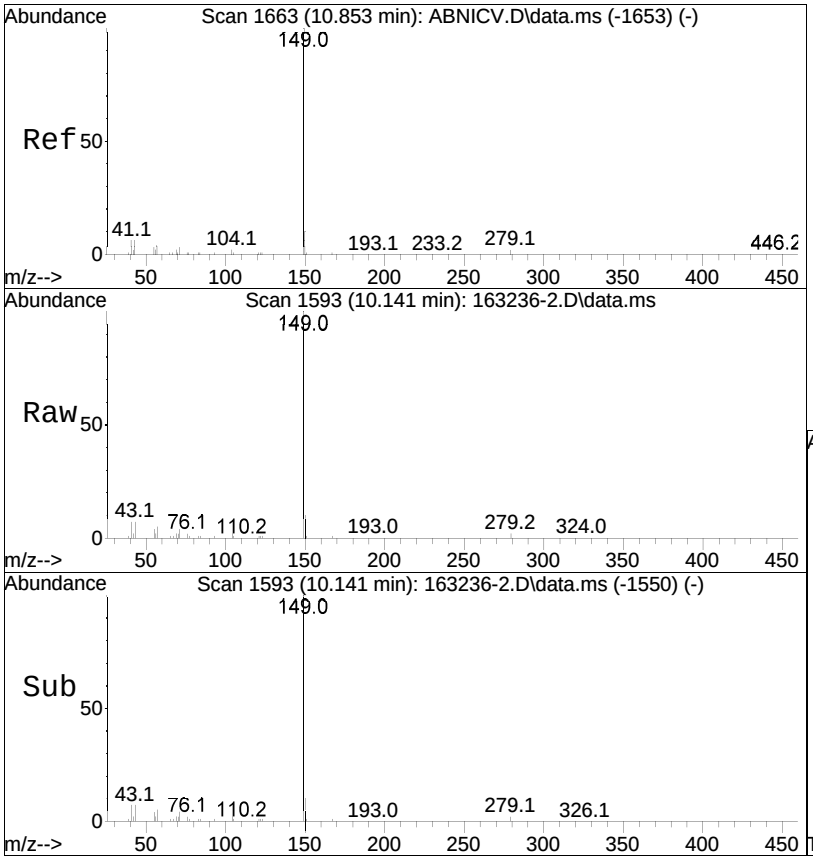


#108
Bis(2-ethylhexyl)phthalate
Concen: 36.43 ug/ml
RT: 9.454 min Scan# 1476
Delta R.T. 0.006 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:149 Resp: 303375

Ion	Ratio	Lower	Upper
149	100		
167	19.0	21.2	31.8#
279	1.7	3.8	5.6#

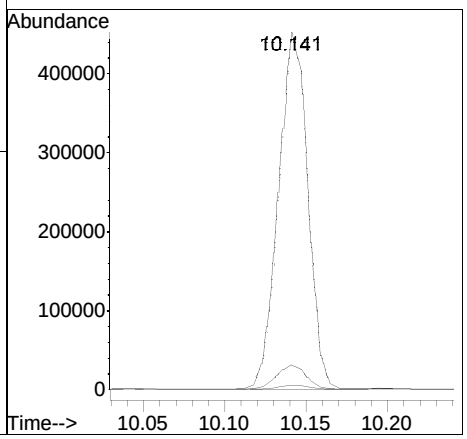


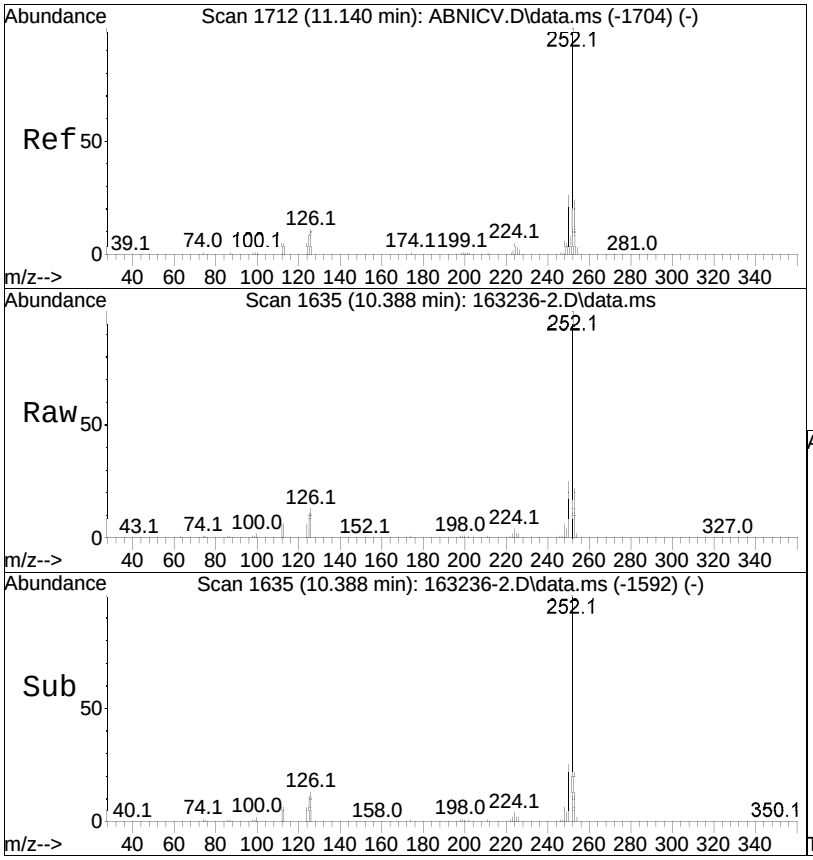


#109
Di-n-octylphthalate
Concen: 37.86 ug/ml
RT: 10.141 min Scan# 1593
Delta R.T. 0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:149 Resp: 559795

Ion	Ratio	Lower	Upper
149	100		
43	6.9	8.0	12.0#
167	1.2	1.0	1.6

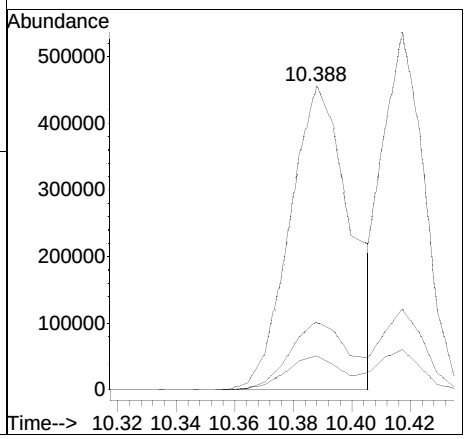


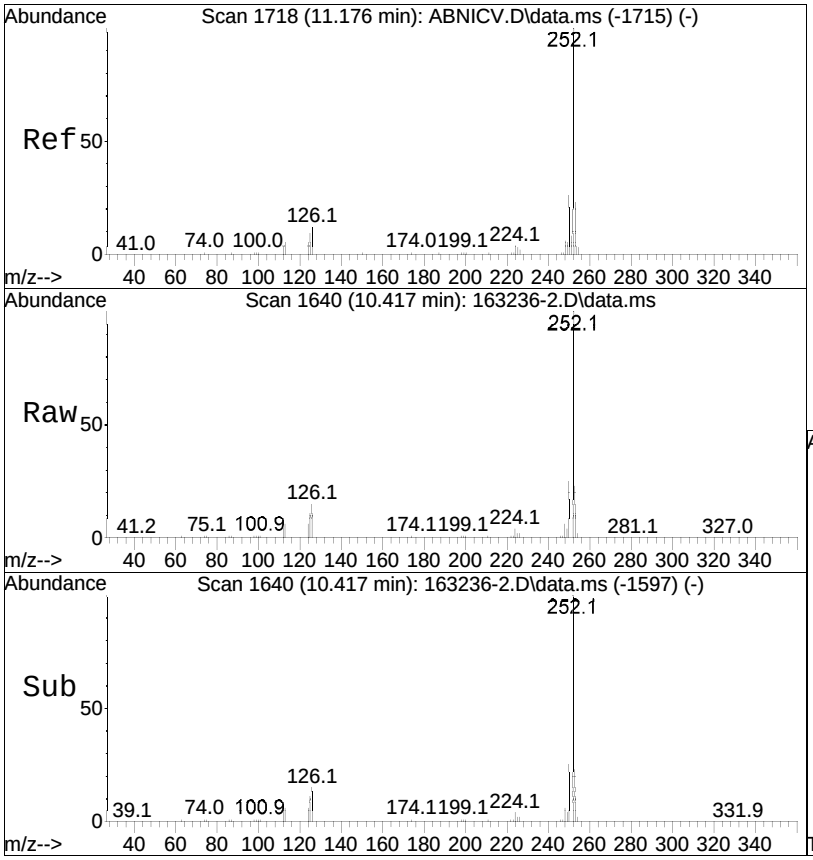


#110
Benzo(b)fluoranthene
Concen: 37.82 ug/ml
RT: 10.388 min Scan# 1635
Delta R.T. -0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:252 Resp: 664717

Ion	Ratio	Lower	Upper
252	100		
125	9.9	12.6	18.8#
253	22.3	18.2	27.2

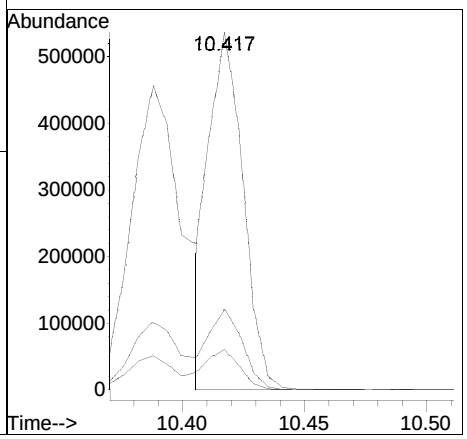


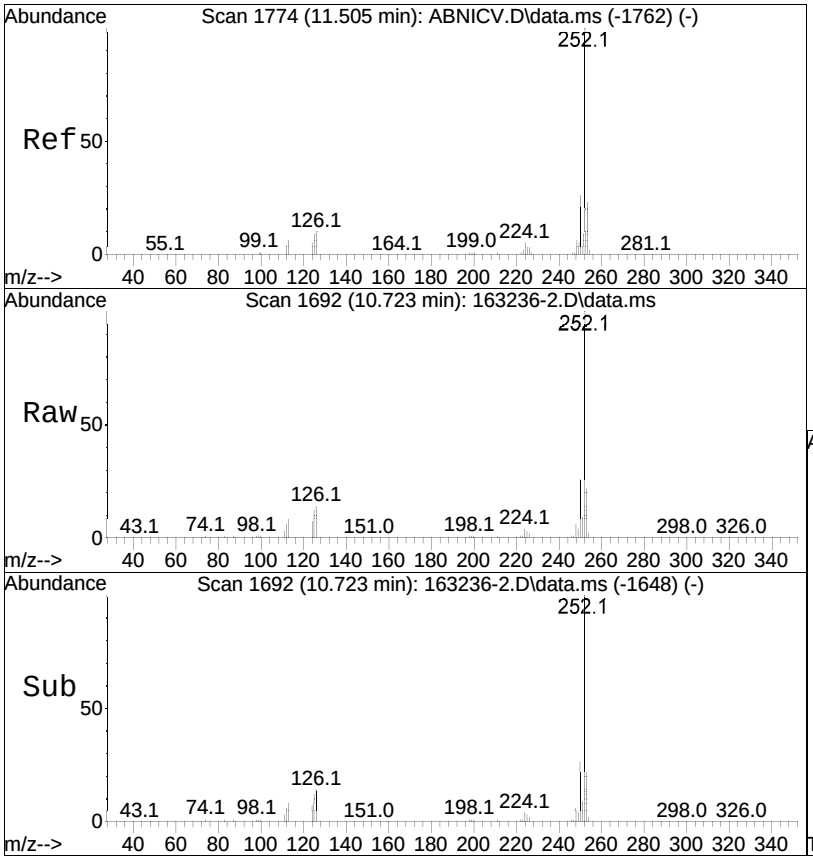


#111
Benzo(k)fluoranthene
Concen: 32.46 ug/ml
RT: 10.417 min Scan# 1640
Delta R.T. 0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:252 Resp: 517809

Ion	Ratio	Lower	Upper
252	100		
125	12.4	12.1	18.1
253	22.2	18.1	27.1

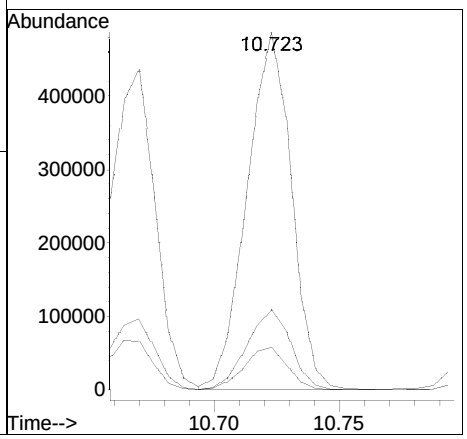


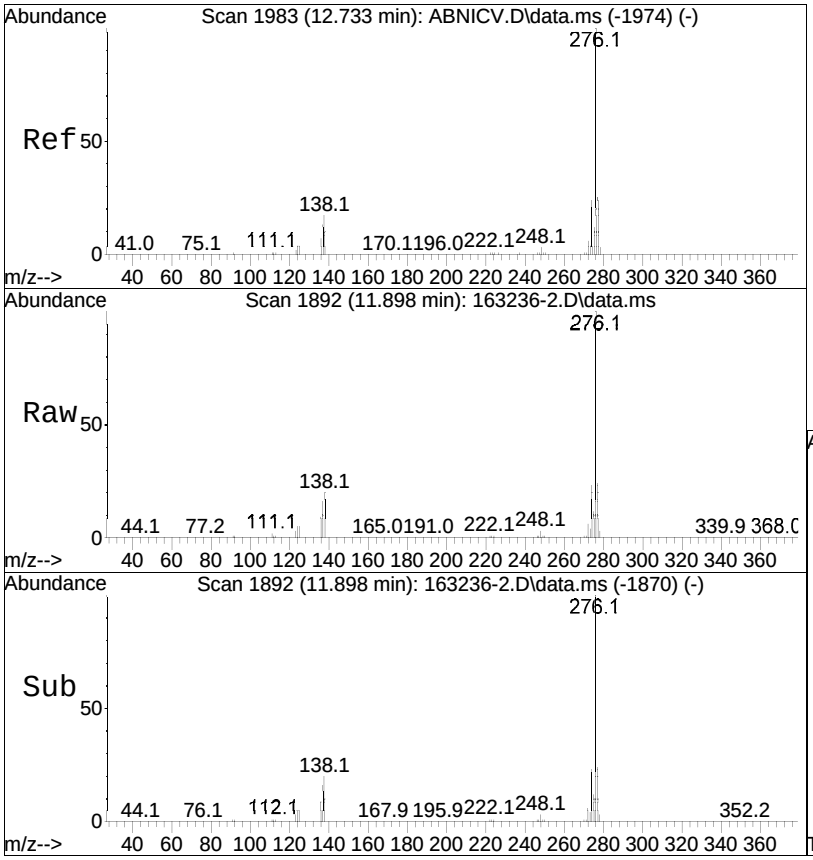


#112
Benzo(a)pyrene
Concen: 36.66 ug/ml M3
RT: 10.723 min Scan# 1692
Delta R.T. 0.006 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:252 Resp: 600959

Ion	Ratio	Lower	Upper
252	100		
125	14.7	13.3	19.9
253	20.7	18.2	27.4

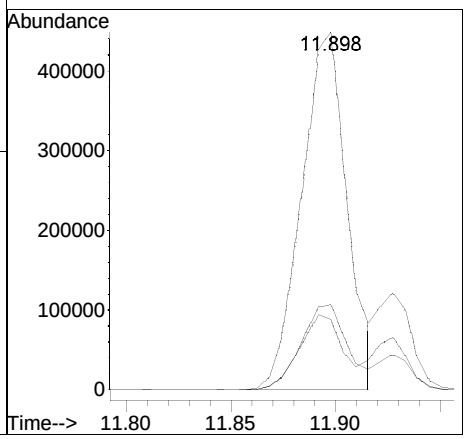


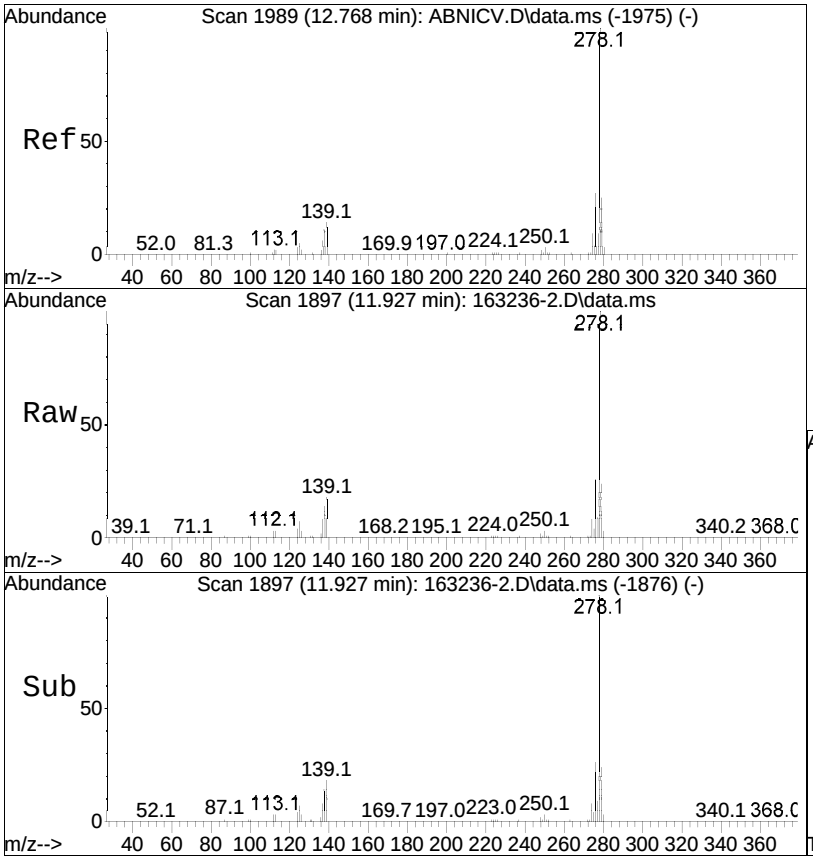


#114
Indeno(1,2,3-cd)pyrene
Concen: 31.93 ug/mL
RT: 11.898 min Scan# 1892
Delta R.T. 0.006 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:276 Resp: 673837

Ion	Ratio	Lower	Upper
276	100		
138	20.3	26.7	40.1#
277	24.7	20.4	30.6

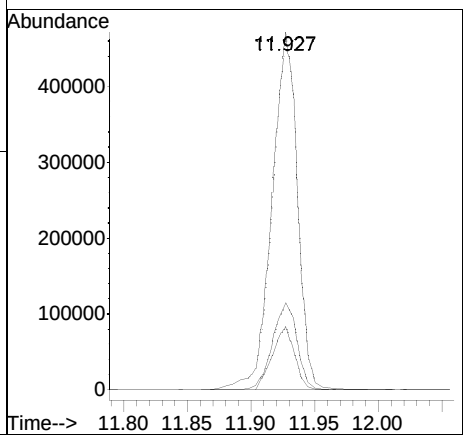


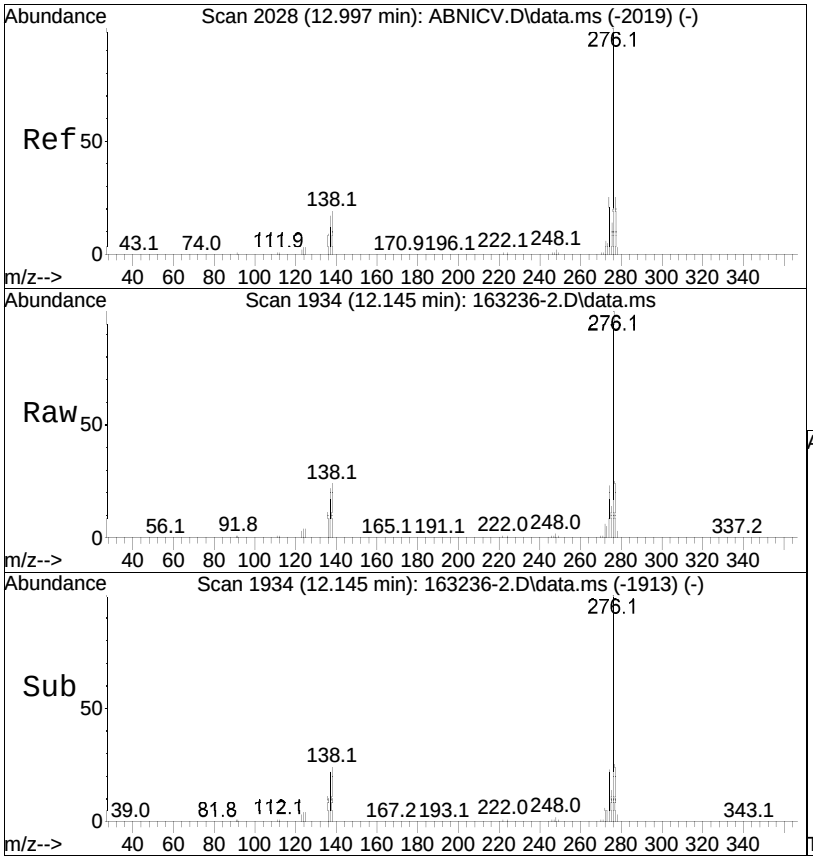


#115
Dibenzo(a,h)anthracene
Concen: 32.01 ug/ml
RT: 11.927 min Scan# 1897
Delta R.T. 0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:278 Resp: 645895

Ion	Ratio	Lower	Upper
278	100		
139	15.7	18.2	27.4#
279	24.0	19.3	28.9

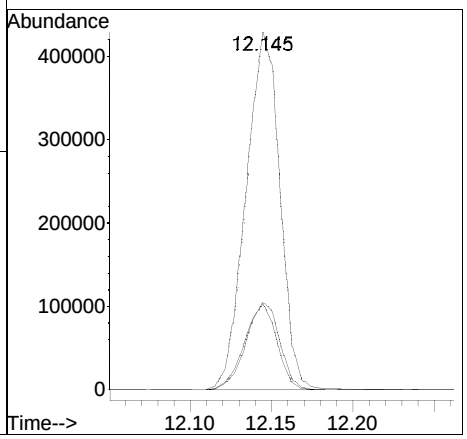




#116
Benzo(ghi)perylene
Concen: 30.53 ug/ml
RT: 12.145 min Scan# 1934
Delta R.T. -0.000 min
Lab File: 163236-2.D
Acq: 9 Jan 2026 2:17 pm

Tgt Ion:276 Resp: 614710

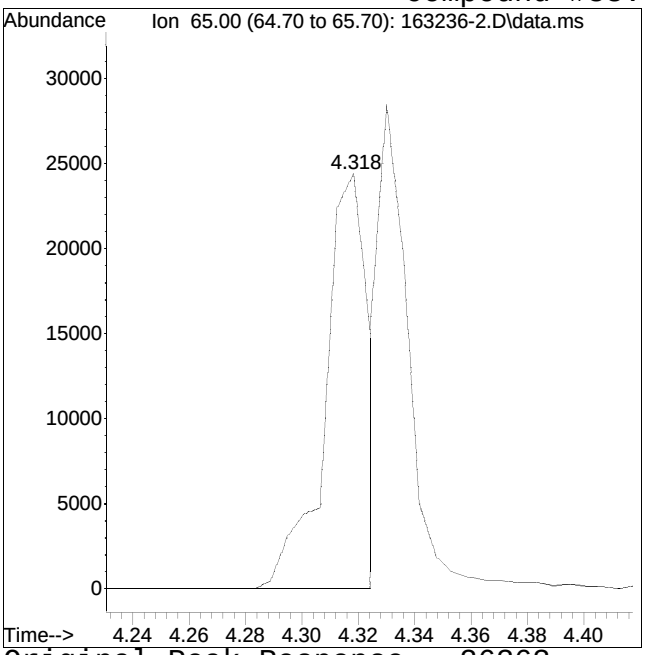
Ion	Ratio	Lower	Upper
276	100		
138	23.2	26.1	39.1#
277	24.5	19.4	29.0

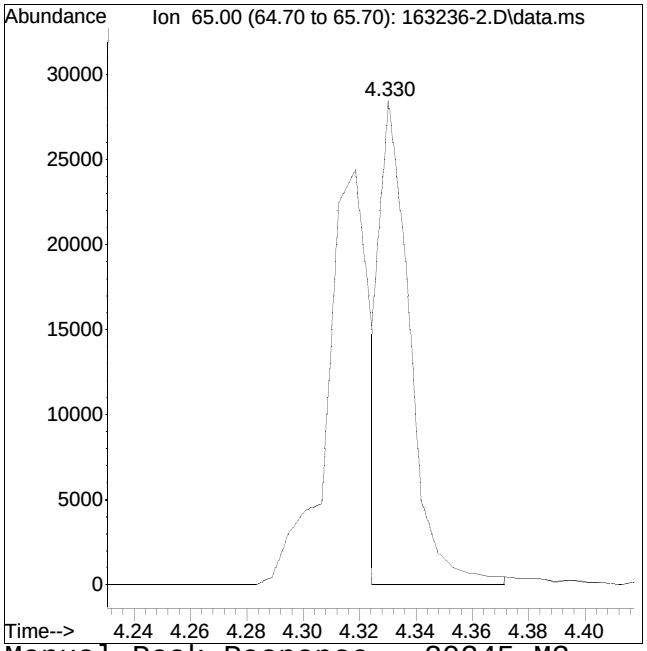


Manual Integration Report

Data Path	: I:\8270\Mork\260109\	QMethod	: FS251209Mork.m
Data File	: 163236-2.D	Operator	: Mork:jg
Date Inj'd	: 1/9/2026 2:17 pm	Instrument	: Mork
Sample	: WG2163236-2,32,,gmr	Quant Date	: 1/9/2026 2:32 pm

Compound #38: 4-Chloroaniline





Original Peak Response = 26363 Manual Peak Response = 20245 M3

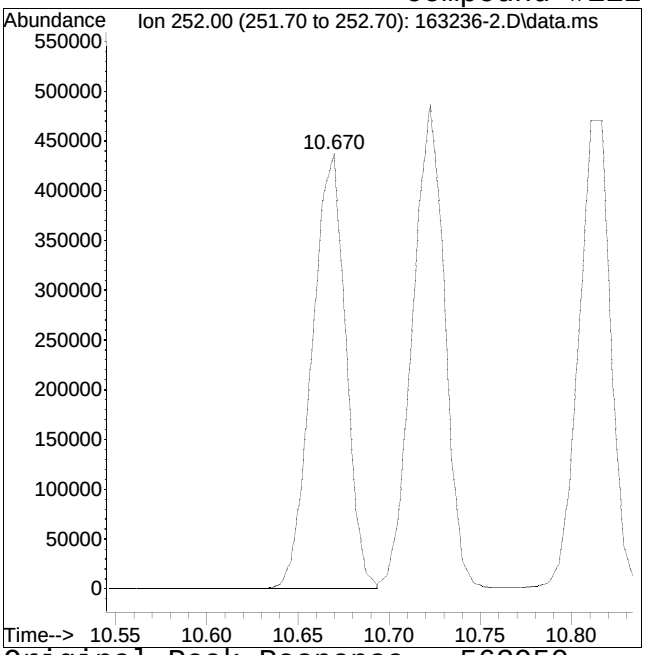
M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Manual Integration Report

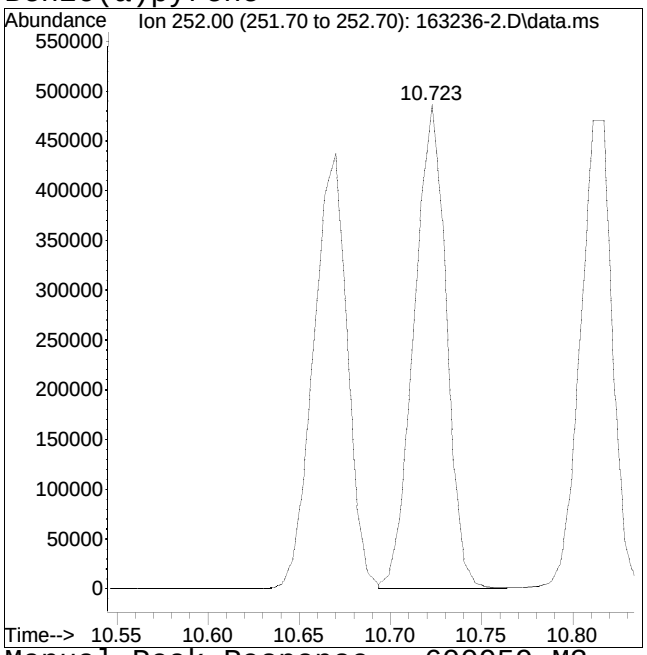
Data Path : I:\8270\Mork\260109\
Data File : 163236-2.D
Date Inj'd : 1/9/2026 2:17 pm
Sample : WG2163236-2,32,,gmr

QMethod : FS251209Mork.m
Operator : Mork:jg
Instrument : Mork
Quant Date : 1/9/2026 2:32 pm

Compound #112: Benzo(a)pyrene



Original Peak Response = 563950



Manual Peak Response = 600959 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260109\
Data File : 163236-3.D
Acq On : 9 Jan 2026 3:18 pm
Operator : Mork:jg
Sample : WG2163236-3,32,,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 09 17:12:07 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) IS1_1,4-Dichlorobenzen...	3.143	152	78678	40.000	ug/ml		0.00
Standard Area 1 = 86645			Recovery = 90.81%				
27) IS2_1,4-Dichlorobenzen...	3.143	152	78678	40.000	ug/ml		0.00
Standard Area 3 = 92004			Recovery = 85.52%				
32) IS3_1,4-Dichlorobenzen...	3.143	152	78678	40.000	ug/ml		0.00
Standard Area 2 = 80476			Recovery = 97.77%				
35) IS1_Naphthalene-d8	4.230	136	308864	40.000	ug/ml	#	0.00
Standard Area 1 = 319179			Recovery = 96.77%				
55) IS2_Naphthalene-d8	4.230	136	308864	40.000	ug/ml	#	0.00
Standard Area 3 = 342158			Recovery = 90.27%				
63) IS1_Acenaphthene-d10	5.729	164	202951	40.000	ug/ml		0.00
Standard Area 1 = 187686			Recovery = 108.13%				
83) IS2_Acenaphthene-d10	5.729	164	202951	40.000	ug/ml		0.00
Standard Area 3 = 203899			Recovery = 99.54%				
86) IS3_Acenaphthene-d10	5.729	164	202951	40.000	ug/ml		0.00
Standard Area 2 = 181013			Recovery = 112.12%				
88) IS1_Phenanthrene-d10	6.986	188	459910	40.000	ug/ml		0.00
Standard Area 1 = 419338			Recovery = 109.68%				
100) IS3_Phenanthrene-d10	6.986	188	459910	40.000	ug/ml		0.00
Standard Area 2 = 404426			Recovery = 113.72%				
104) IS1_Chrysene-d12	9.295	240	543720	40.000	ug/ml		0.00
Standard Area 1 = 495949			Recovery = 109.63%				
113) IS1_Perylene-d12	10.787	264	711573	40.000	ug/ml		0.00
Standard Area 1 = 628021			Recovery = 113.30%				
System Monitoring Compounds							
4) 2-Fluorophenol	2.051	112	78849	41.708	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 83.42%				
7) Phenol-d6	2.914	99	99255	42.346	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 84.69%				
19) Nitrobenzene-d5	3.631	82	45848	21.892	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 87.57%				
46) 2-Fluorobiphenyl	5.188	172	130243	17.302	ug/ml		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 69.21%				
79) 2,4,6-Tribromophenol	6.410	330	62957	38.714	ug/ml		0.00
Spiked Amount 50.000	Range 15 - 110		Recovery = 77.43%				

Data Path : I:\8270\Mork\260109\
Data File : 163236-3.D
Acq On : 9 Jan 2026 3:18 pm
Operator : Mork:jg
Sample : WG2163236-3,32,,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 09 17:12:07 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 4-Terphenyl-d14	8.390	244	254159	20.163	ug/ml	0.00

Spiked Amount 25.000 Range 30 - 130 Recovery = 80.65%

Target Compounds						Qvalue
6) 2-Chlorophenol	2.973	128	80873	35.754	ug/ml	95
8) Phenol	2.926	94	86656	35.522	ug/ml#	71
9) Bis(2-chloroethyl)ether	2.955	93	51715	28.883	ug/ml#	66
14) Bis(2-chloroisopropyl)...	3.425	45	50176	21.744	ug/ml#	46
15) 2-Methylphenol	3.443	108	70681	38.040	ug/ml	99
16) Hexachloroethane	3.561	117	32793	31.593	ug/ml#	83
17) n-Nitrosodi-n-propylamine	3.537	70	49163	34.009	ug/ml#	91
18) 3-Methylphenol/4-Methy...	3.584	108	82160	41.733	ug/ml#	33
20) Nitrobenzene	3.649	77	74422	34.890	ug/ml	95
21) Isophorone	3.866	82	134047	35.082	ug/ml#	95
22) 2-Nitrophenol	3.925	139	44897	37.210	ug/ml#	91
23) 2,4-Dimethylphenol	4.025	107	85754	38.643	ug/ml	96
24) Bis(2-chloroethoxy)met...	4.083	93	77692	32.518	ug/ml#	94
25) 2,4-Dichlorophenol	4.154	162	88384	37.447	ug/ml	98
28) Benzaldehyde	2.767	105	54402	32.915	ug/ml	90
29) Acetophenone	3.514	105	102558	36.737	ug/ml#	87
33) 1,4-Dioxane	0.893	88	17411	22.190	ug/ml#	83
36) Naphthalene	4.248	128	238465	31.228	ug/ml	99
38) 4-Chloroaniline	4.330	65	22781M6	27.872	ug/ml	
39) Hexachlorobutadiene	4.383	225	51259	23.211	ug/ml	100
40) p-Chloro-m-cresol	4.806	107	78986	36.111	ug/ml	95
41) 2-Methylnaphthalene	4.847	142	162364	31.474	ug/ml	91
43) Hexachlorocyclopentadiene	5.000	237	30283	12.449	ug/ml	98
44) 2,4,6-Trichlorophenol	5.123	196	72449	31.210	ug/ml	100
45) 2,4,5-Trichlorophenol	5.159	196	82580	32.353	ug/ml	100
47) 2-Chloronaphthalene	5.259	162	189204	30.744	ug/ml	95
48) 2-Nitroaniline	5.376	138	66435	39.192	ug/ml	100
51) Dimethyl phthalate	5.564	163	230484	31.053	ug/ml#	97
52) Acenaphthylene	5.605	152	336084	34.719	ug/ml	98
53) 2,6-Dinitrotoluene	5.605	165	49619	32.731	ug/ml#	51
60) Caprolactam	4.636	55	27516	32.643	ug/ml#	87
61) 1,2,4,5-Tetrachloroben...	5.000	216	102950	28.016	ug/ml	98
62) Biphenyl	5.264	154	221588	31.215	ug/ml	97

Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260109\
Data File : 163236-3.D
Acq On : 9 Jan 2026 3:18 pm
Operator : Mork:jg
Sample : WG2163236-3,32,,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 09 17:12:07 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 3-Nitroaniline	5.734	138	45333	28.972	ug/ml#	94
65) Acenaphthene	5.758	154	174261	30.962	ug/ml	88
66) 2,4-Dinitrophenol	5.852	184	10710	10.643	ug/ml	93
67) Dibenzofuran	5.905	168	290162	30.618	ug/ml	96
68) 2,4-Dinitrotoluene	5.952	165	72602	33.449	ug/ml	93
69) 4-Nitrophenol	5.952	65	41730	39.438	ug/ml	85
71) 2,3,4,6-Tetrachlorophenol	6.046	232	75307	32.857	ug/ml	96
72) Diethyl phthalate	6.175	149	241600	32.116	ug/ml	96
73) Fluorene	6.199	166	241153	32.361	ug/ml	91
74) 4-Chlorophenyl phenyl ...	6.228	204	112190	28.662	ug/ml	96
75) 4-Nitroaniline	6.257	138	54085	35.806	ug/ml#	83
76) 4,6-Dinitro-o-cresol	6.304	198	19371	14.781	ug/ml	94
77) NDPA/DPA	6.334	169	207593	32.292	ug/ml	92
80) 4-Bromophenyl phenyl e...	6.639	248	83518	30.508	ug/ml	99
81) Hexachlorobenzene	6.675	284	112363	33.356	ug/ml	94
82) Pentachlorophenol	6.863	266	67481	36.504	ug/ml	99
87) Atrazine	6.833	200	69304	29.913	ug/ml#	89
89) Phenanthrene	7.009	178	396833	31.915	ug/ml	99
90) Anthracene	7.051	178	415785	33.249	ug/ml	99
91) Carbazole	7.215	167	388627	33.765	ug/ml	97
92) Di-n-butylphthalate	7.579	149	461722	35.024	ug/ml	100
93) Fluoranthene	8.020	202	509673	32.754	ug/ml#	93
95) Pyrene	8.202	202	546838	33.631	ug/ml	98
97) Butyl benzyl phthalate	8.854	149	240082	38.098	ug/ml#	95
105) Benzo(a)anthracene	9.283	228	590232	33.114	ug/ml	99
106) 3,3'-Dichlorobenzidine	9.301	252	211655	28.437	ug/ml#	97
107) Chrysene	9.319	228	547583	33.887	ug/ml	98
108) Bis(2-ethylhexyl)phtha...	9.454	149	362602	39.491	ug/ml#	86
109) Di-n-octylphthalate	10.141	149	648978	39.801	ug/ml#	93
110) Benzo(b)fluoranthene	10.388	252	711588	36.716	ug/ml#	94
111) Benzo(k)fluoranthene	10.417	252	562166	31.963	ug/ml	97
112) Benzo(a)pyrene	10.723	252	623462M3	34.493	ug/ml	
114) Indeno(1,2,3-cd)pyrene	11.898	276	680740	31.364	ug/mL#	86
115) Dibenzo(a,h)anthracene	11.927	278	651402	31.394	ug/ml#	93
116) Benzo(ghi)perylene	12.151	276	620172	29.947	ug/ml#	90

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

Data Path : I:\8270\Mork\260109\
Data File : 163236-3.D
Acq On : 9 Jan 2026 3:18 pm
Operator : Mork:jg
Sample : WG2163236-3,32,,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 09 17:12:07 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

CCAL FILE(s) : 1 - I:\8270\Mork\260109\ABN0109.D
: 2 - I:\8270\Mork\260109\ADP0109.D
: 3 - I:\8270\Mork\260109\AP90109.D
Sub List : 8270TCL_REV2 - TCL/CT/MA

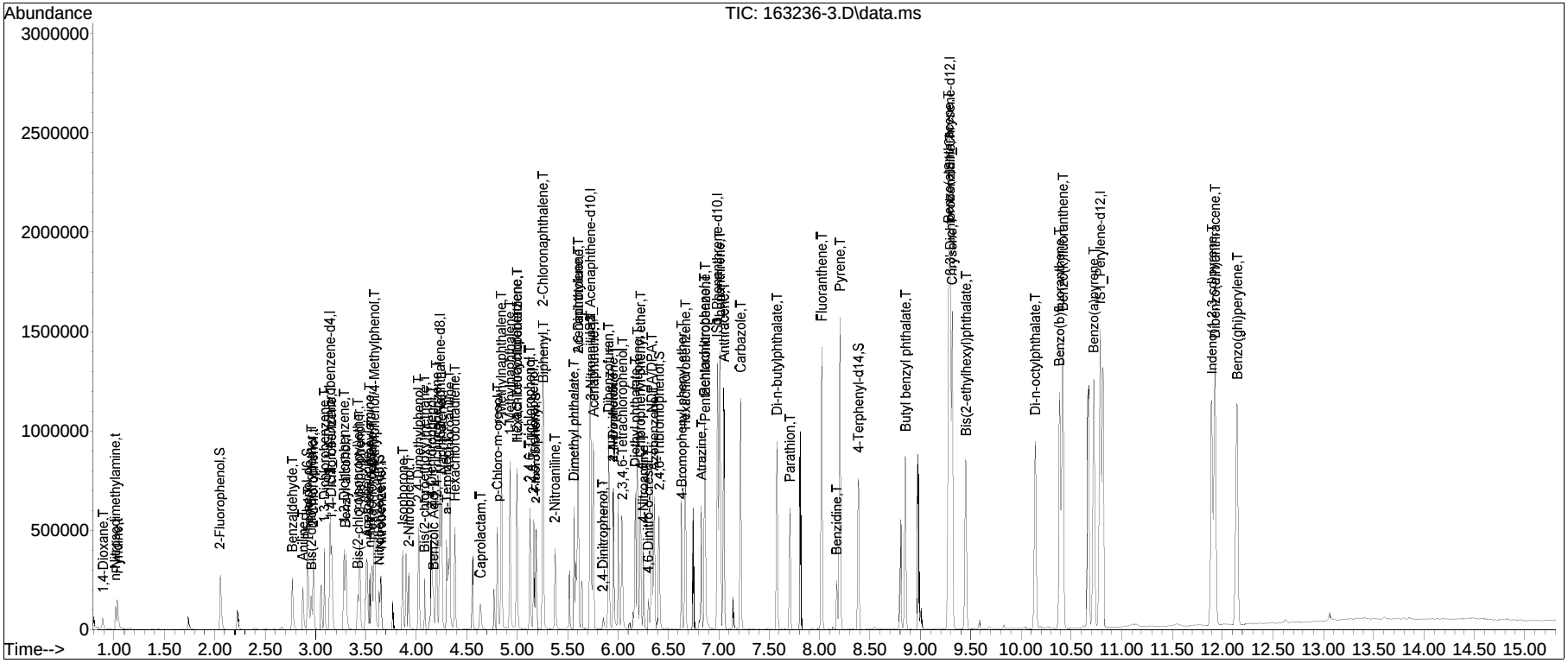
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

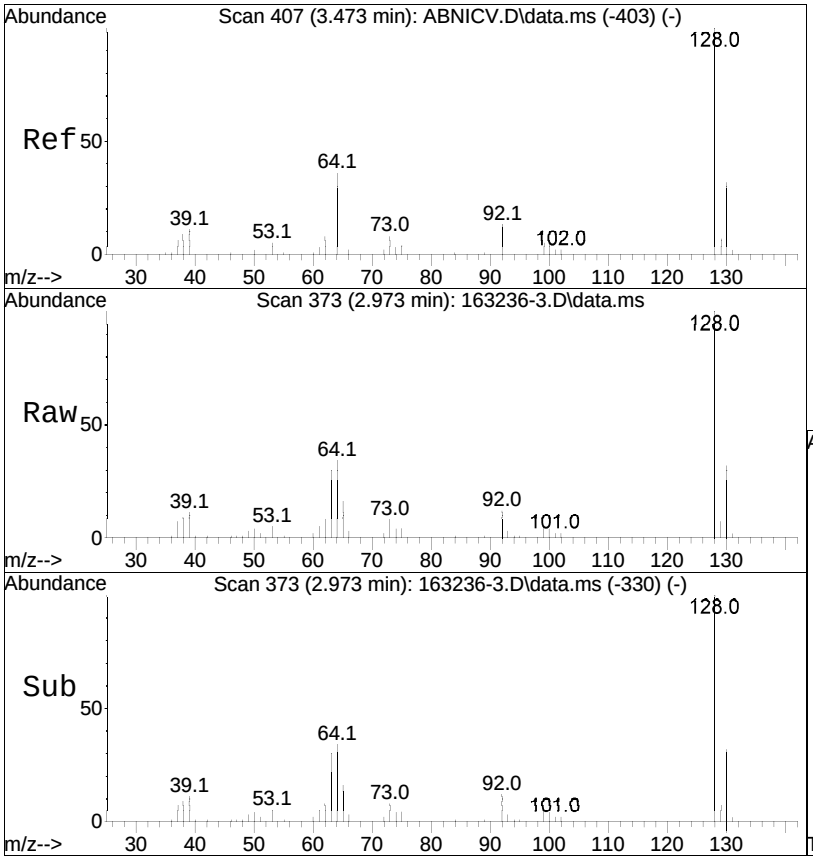
Quantitation Report (QT Reviewed)

Data Path : I:\8270\Mork\260109\
Data File : 163236-3.D
Acq On : 9 Jan 2026 3:18 pm
Operator : Mork:jg
Sample : WG2163236-3,32,,gmr
Misc : WG2163439,WG2163236,ical22888
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 09 17:12:07 2026
Quant Method : I:\8270\Mork\260109\FS251209Mork.m
Quant Title : Semivolatiles by GC/MS by modified 8270
QLast Update : Fri Jan 09 14:46:36 2026
Response via : Initial Calibration

Sub List : 8270TCL_REV2 - TCL/CT/MAAP90109.D•

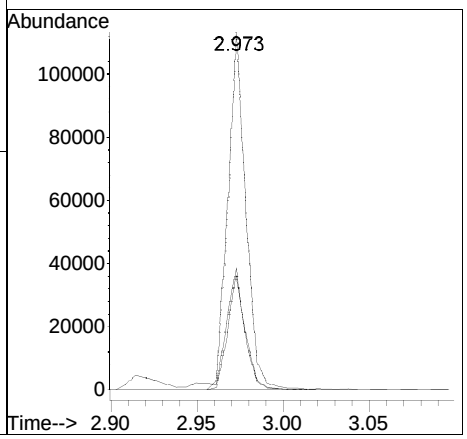


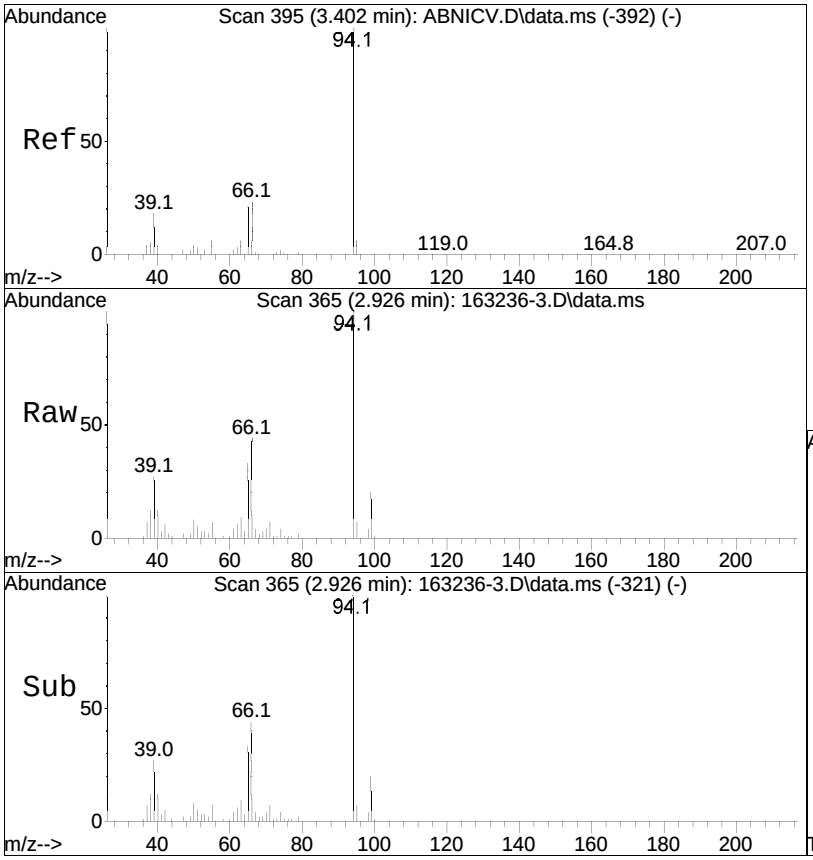


#6
2-Chlorophenol
Concen: 35.75 ug/ml
RT: 2.973 min Scan# 373
Delta R.T. -0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:128 Resp: 80873

Ion	Ratio	Lower	Upper
128	100		
64	36.5	33.5	50.3
130	32.1	25.9	38.9

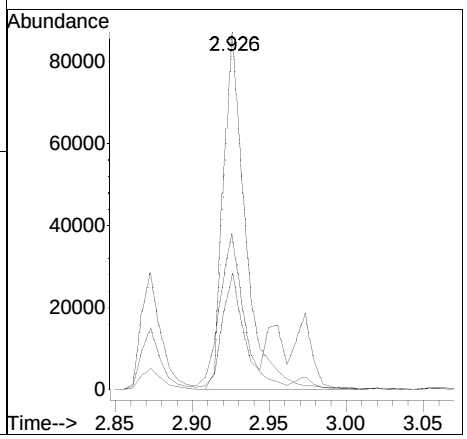


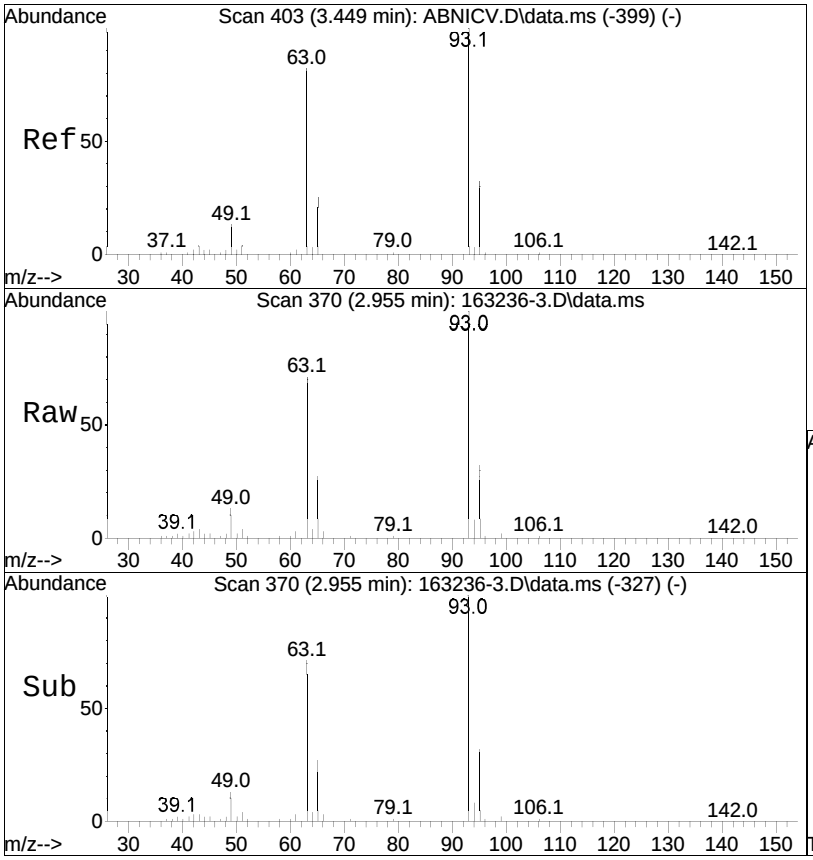


#8
Phenol
Concen: 35.52 ug/ml
RT: 2.926 min Scan# 365
Delta R.T. 0.006 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion: 94 Resp: 86656

Ion	Ratio	Lower	Upper
94	100		
65	32.3	38.8	58.2#
66	48.5	60.3	90.5#

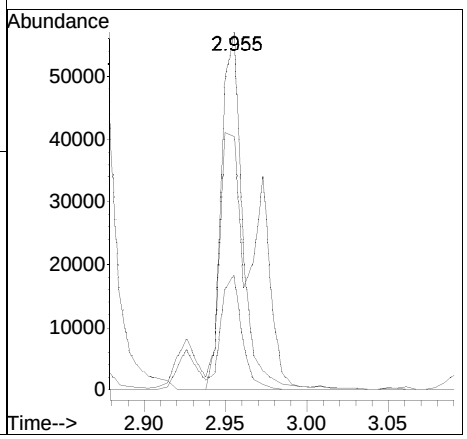


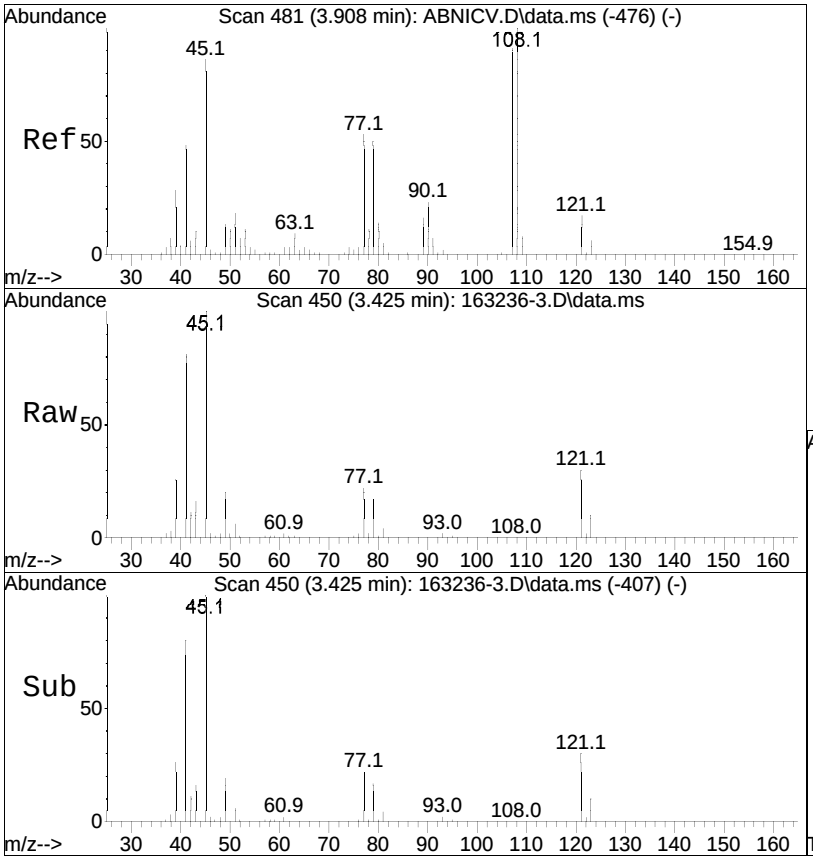


#9
Bis(2-chloroethyl)ether
Concen: 28.88 ug/ml
RT: 2.955 min Scan# 370
Delta R.T. 0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion: 93 Resp: 51715

Ion	Ratio	Lower	Upper
93	100		
63	120.7	63.0	94.6#
95	31.6	26.3	39.5

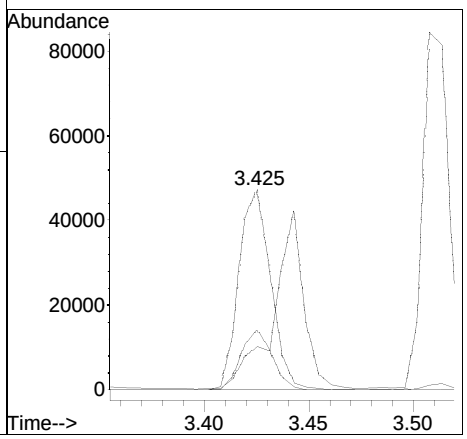


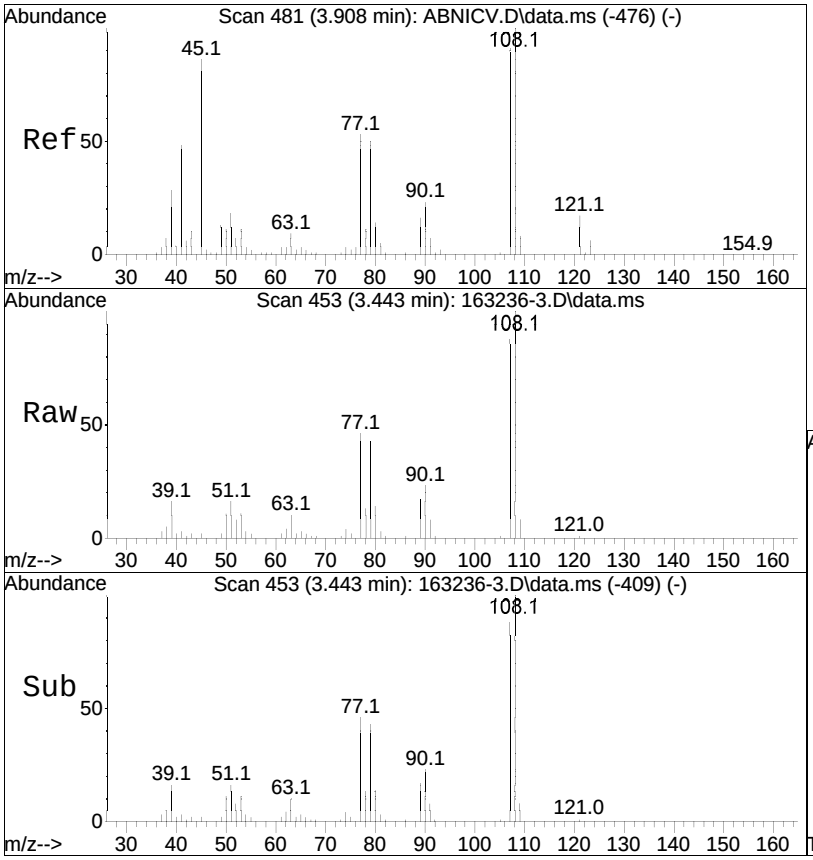


#14
Bis(2-chloroisopropyl)ether
Concen: 21.74 ug/ml
RT: 3.425 min Scan# 450
Delta R.T. 0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion: 45 Resp: 50176

Ion	Ratio	Lower	Upper
45	100		
121	29.1	16.0	24.0#
77	84.4	32.1	48.1#

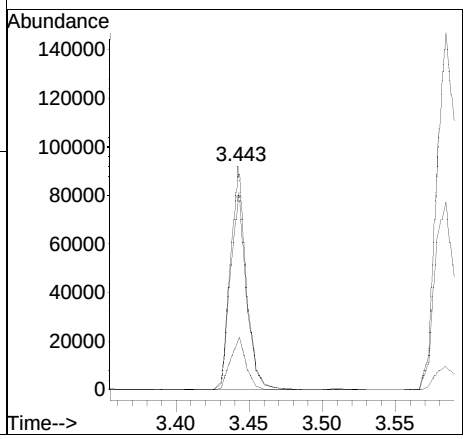


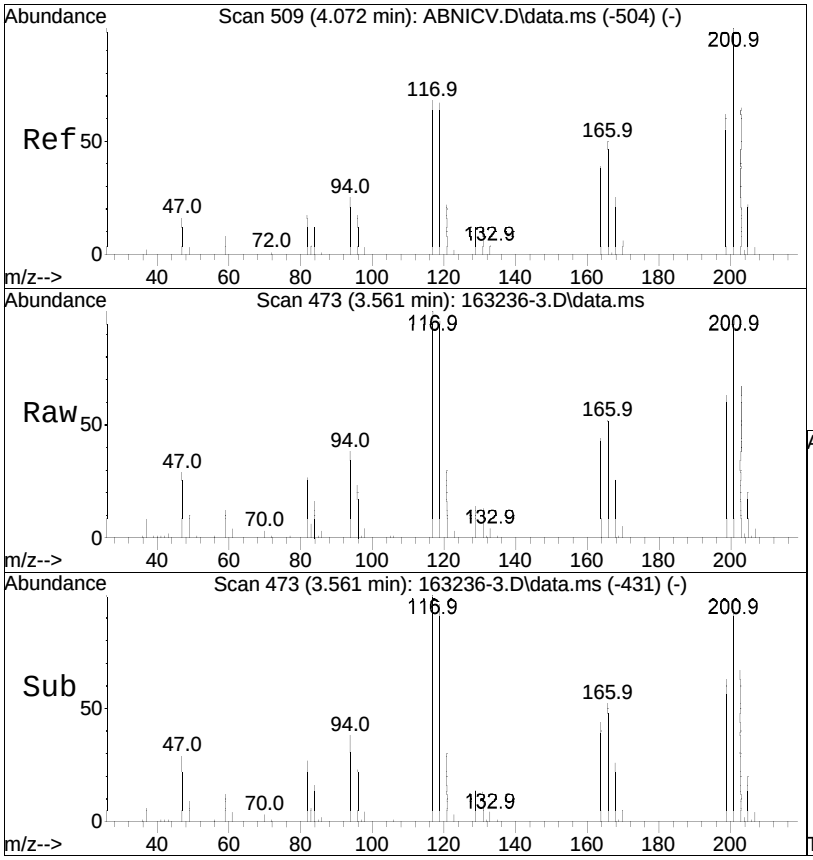


#15
2-Methylphenol
Concen: 38.04 ug/ml
RT: 3.443 min Scan# 453
Delta R.T. 0.006 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:108 Resp: 70681

Ion	Ratio	Lower	Upper
108	100		
107	88.8	70.3	105.5
90	23.2	18.7	28.1

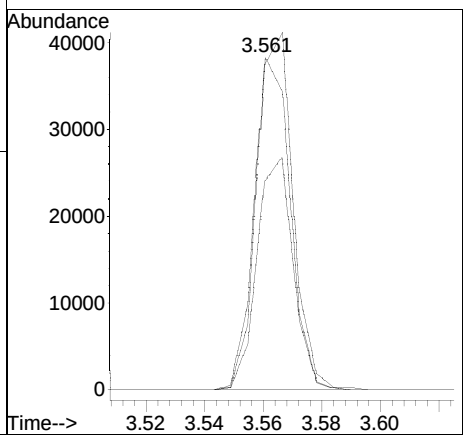


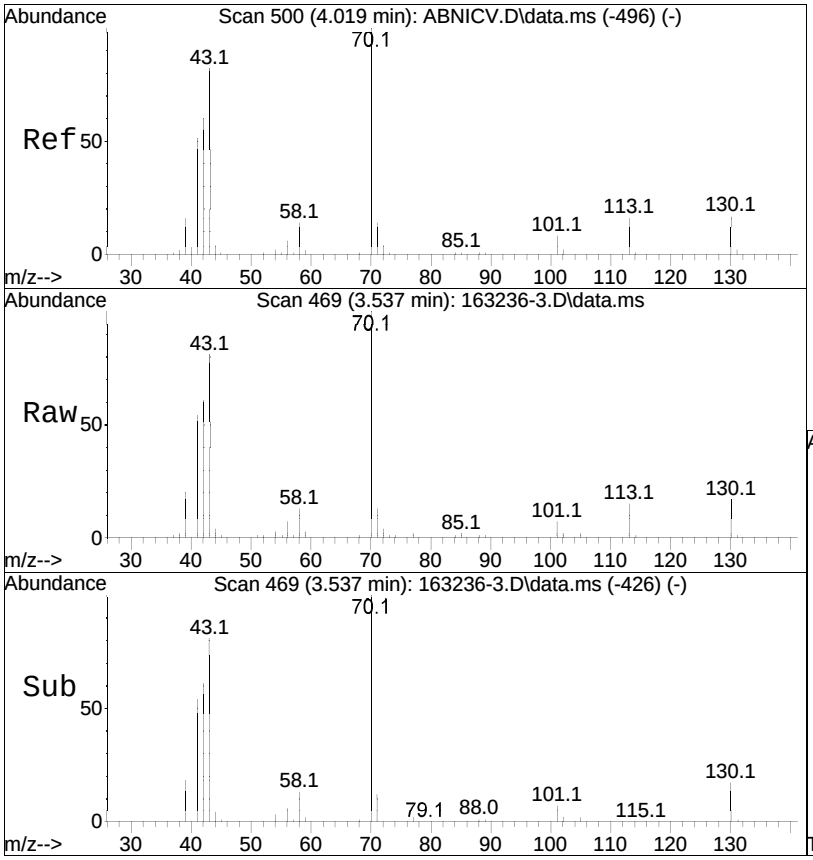


#16
Hexachloroethane
Concen: 31.59 ug/ml
RT: 3.561 min Scan# 473
Delta R.T. -0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:117 Resp: 32793

Ion	Ratio	Lower	Upper
117	100		
201	107.9	73.4	110.0
199	70.3	45.9	68.9#

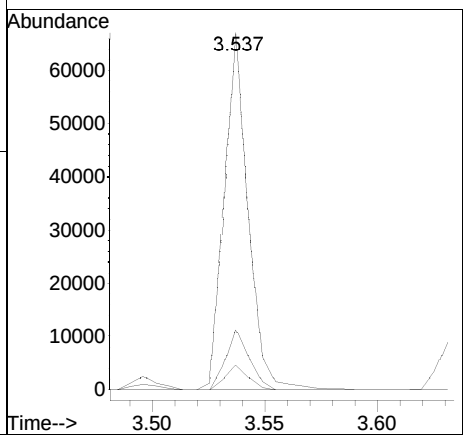


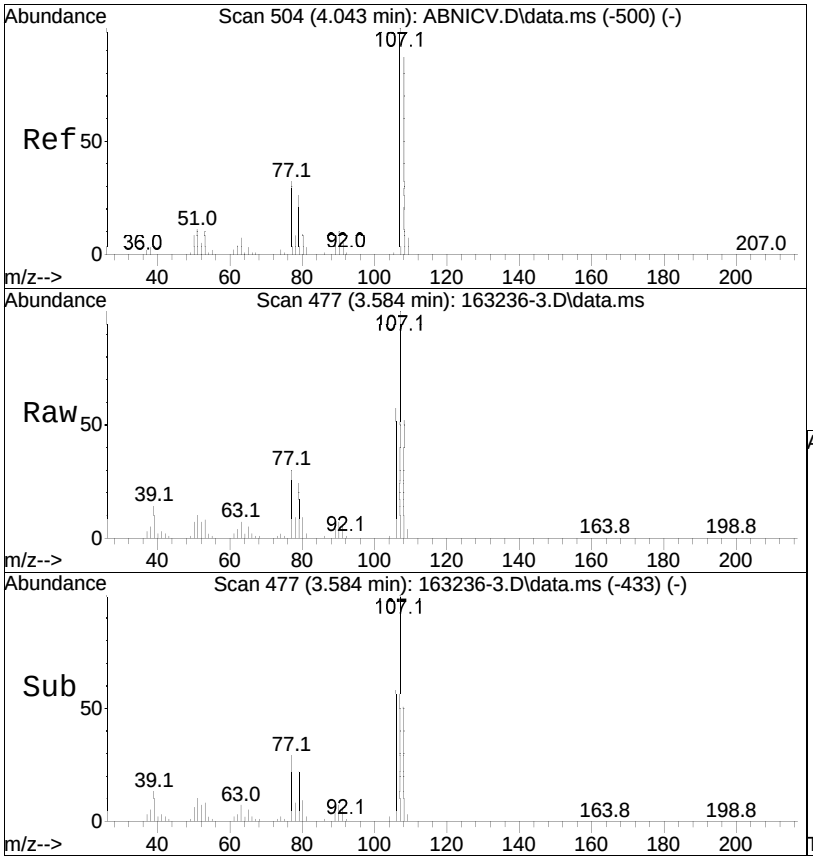


#17
n-Nitrosodi-n-propylamine
Concen: 34.01 ug/ml
RT: 3.537 min Scan# 469
Delta R.T. 0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion: 70 Resp: 49163

Ion	Ratio	Lower	Upper
70	100		
130	16.6	17.1	25.7#
101	6.6	7.0	10.4#

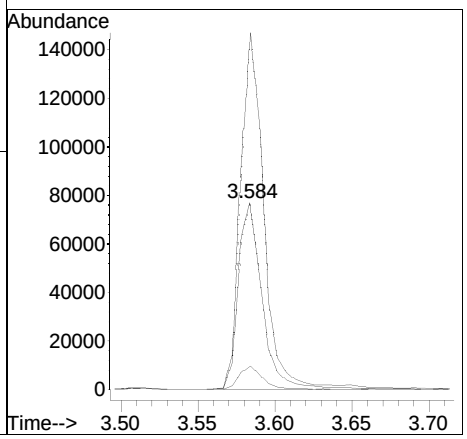


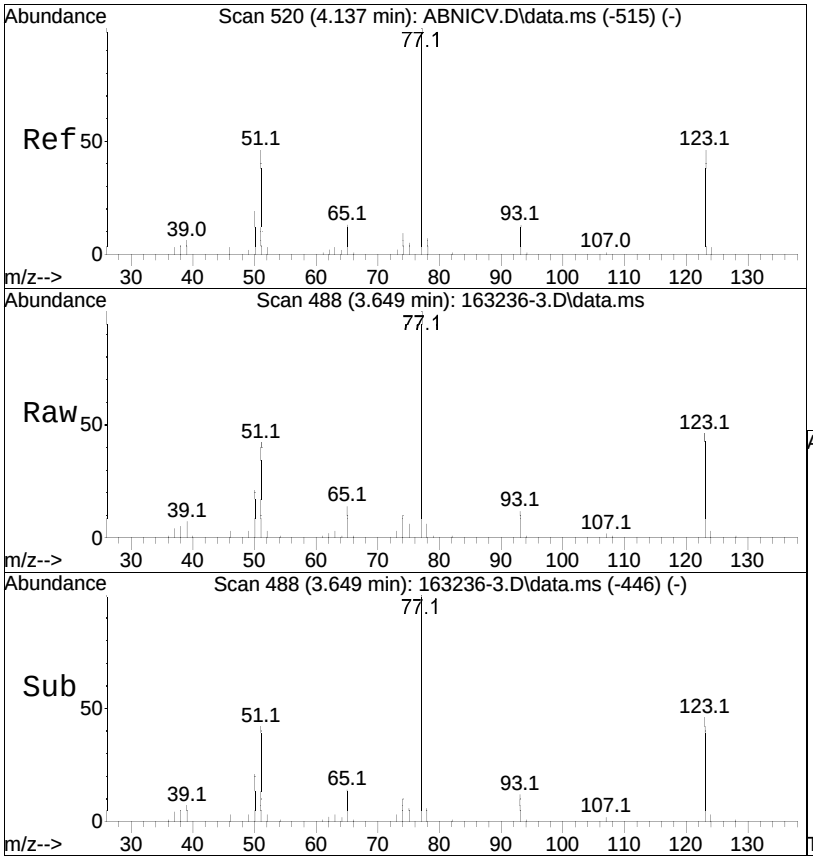


#18
3-Methylphenol/4-Methylphenol
Concen: 41.73 ug/ml
RT: 3.584 min Scan# 477
Delta R.T. 0.006 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:108 Resp: 82160

Ion	Ratio	Lower	Upper
108	100		
107	187.8	88.2	132.2#
90	12.3	8.5	12.7

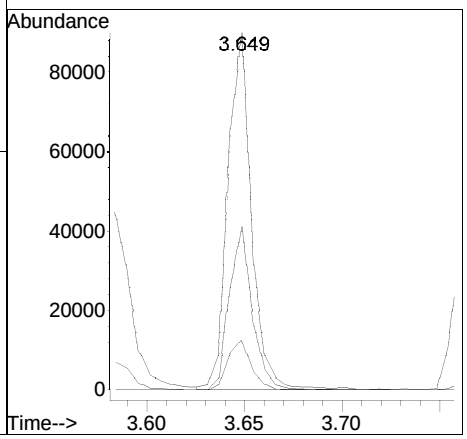


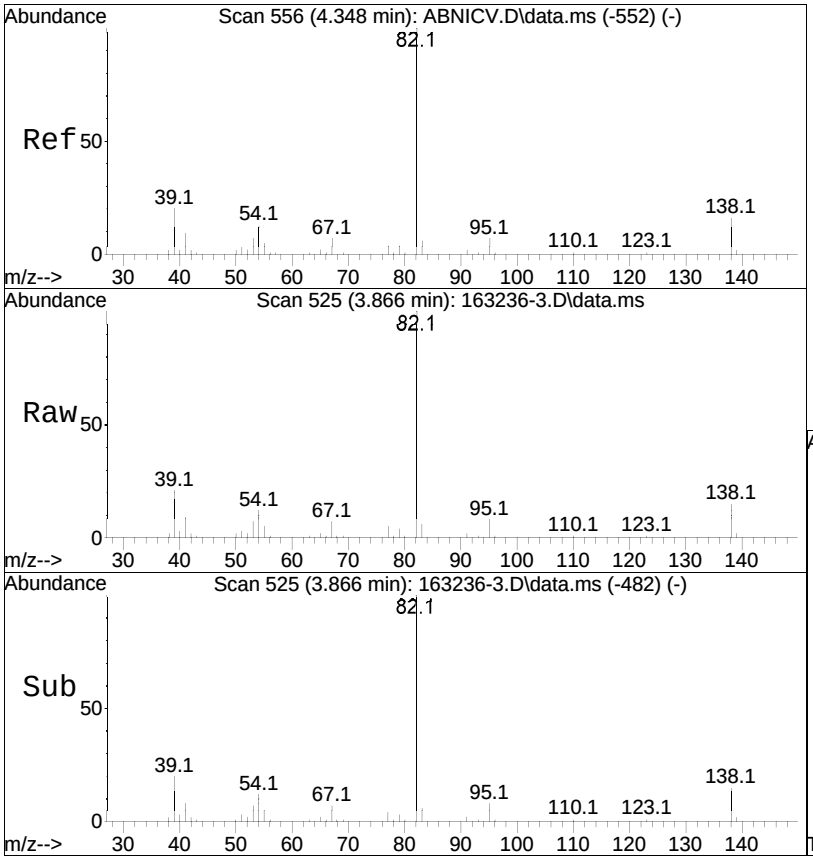


#20
Nitrobenzene
Concen: 34.89 ug/ml
RT: 3.649 min Scan# 488
Delta R.T. -0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion: 77 Resp: 74422

Ion	Ratio	Lower	Upper
77	100		
123	45.2	39.5	59.3
65	14.2	11.0	16.6

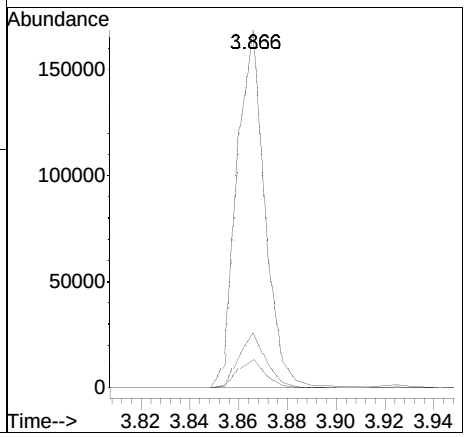


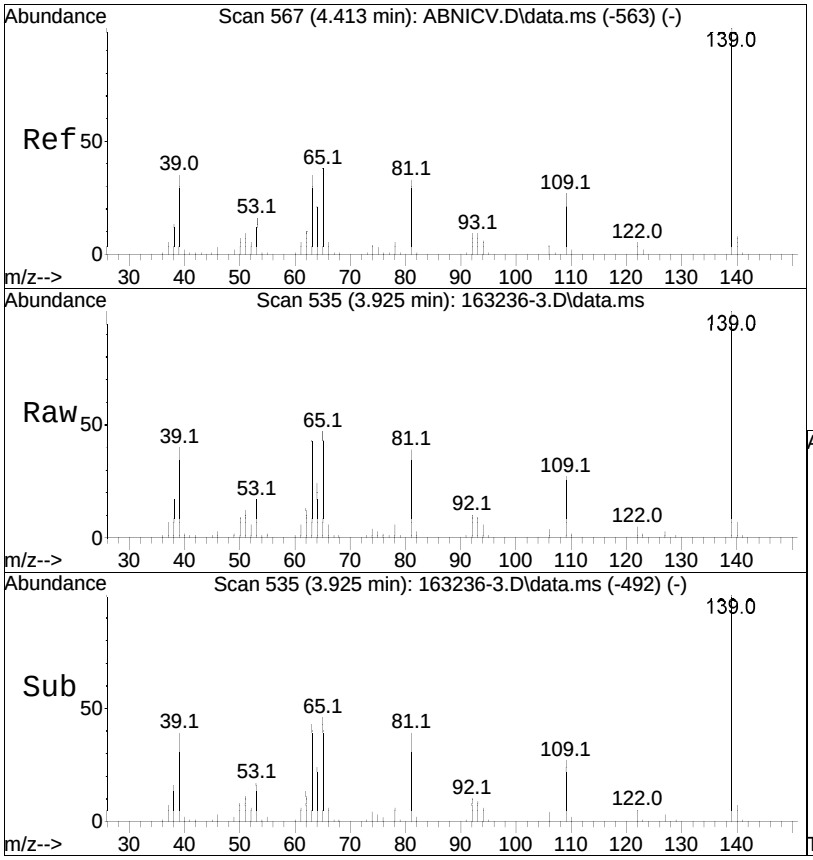


#21
Isophorone
Concen: 35.08 ug/ml
RT: 3.866 min Scan# 525
Delta R.T. 0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion: 82 Resp: 134047

Ion	Ratio	Lower	Upper
82	100		
138	14.9	13.9	20.9
95	8.1	5.1	7.7#

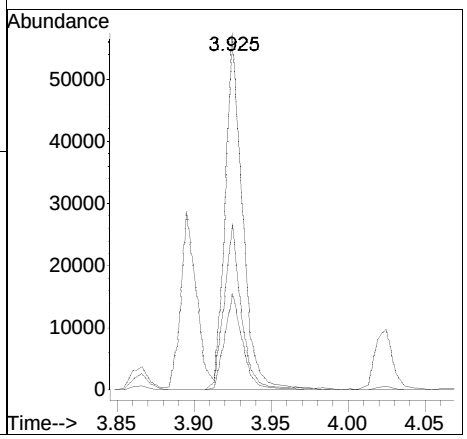


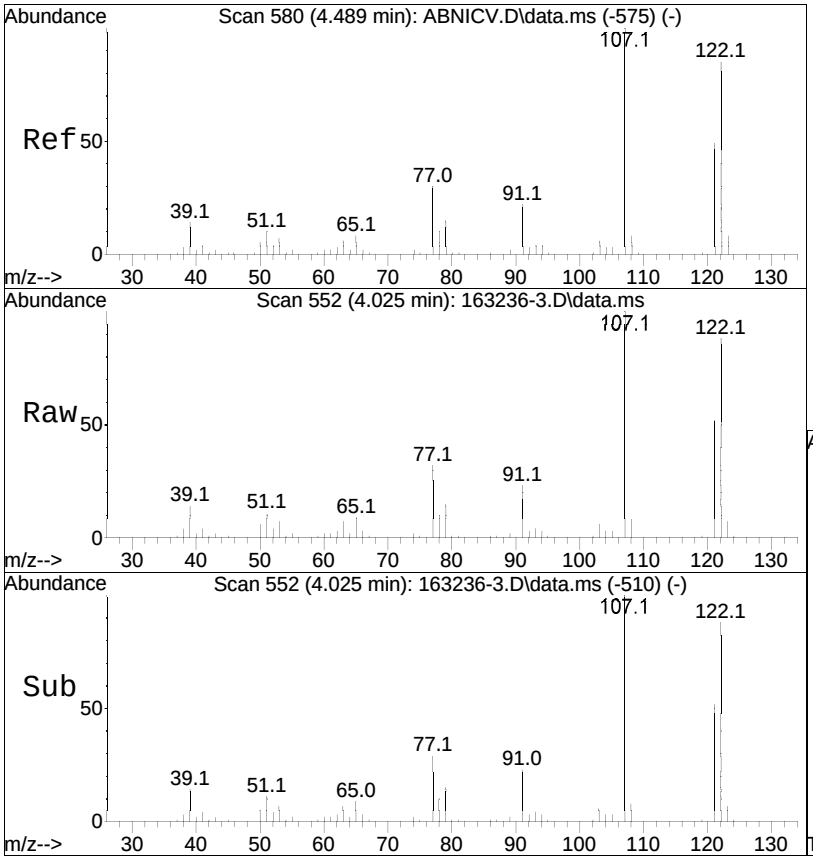


#22
2-Nitrophenol
Concen: 37.21 ug/ml
RT: 3.925 min Scan# 535
Delta R.T. -0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:139 Resp: 44897

Ion	Ratio	Lower	Upper
139	100		
109	28.0	17.2	25.8#
65	46.0	33.8	50.6

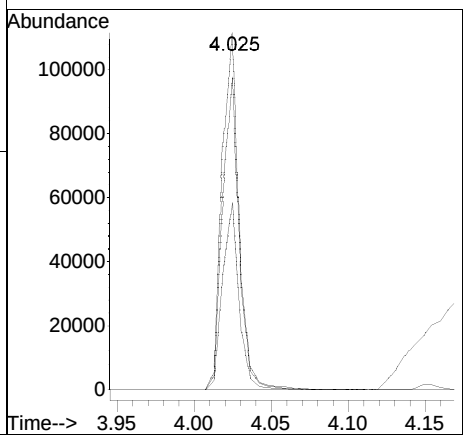


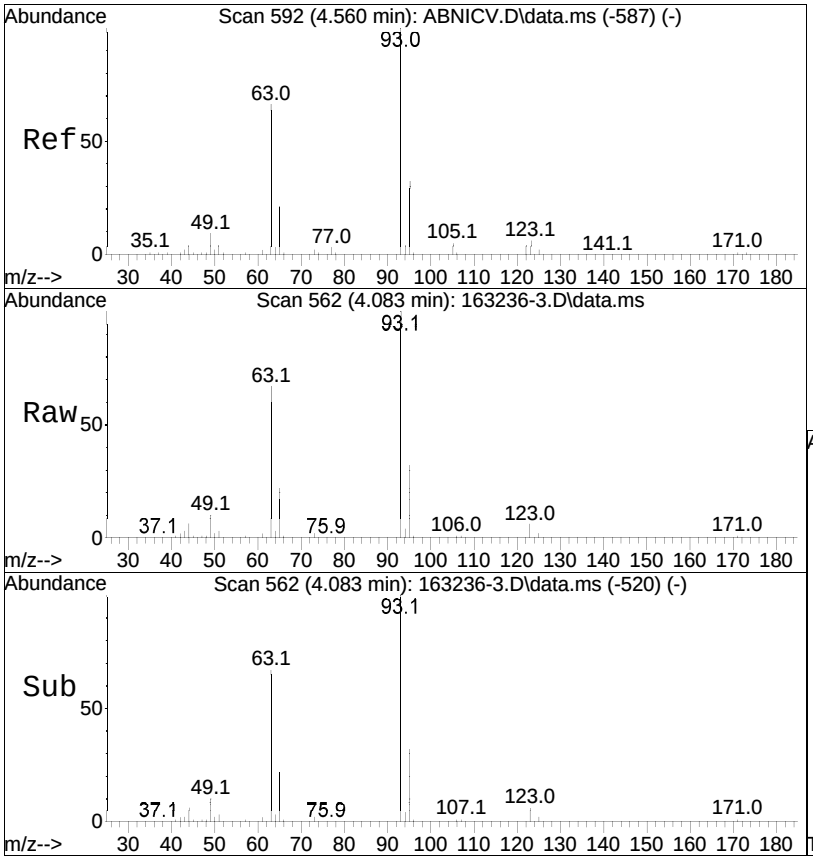


#23
2,4-Dimethylphenol
Concen: 38.64 ug/ml
RT: 4.025 min Scan# 552
Delta R.T. -0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:107 Resp: 85754

Ion	Ratio	Lower	Upper
107	100		
121	51.2	41.2	61.8
122	84.6	72.5	108.7

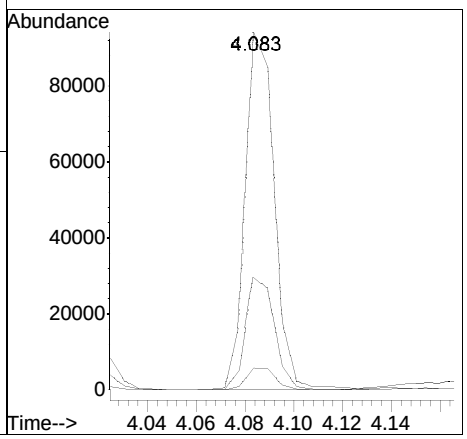


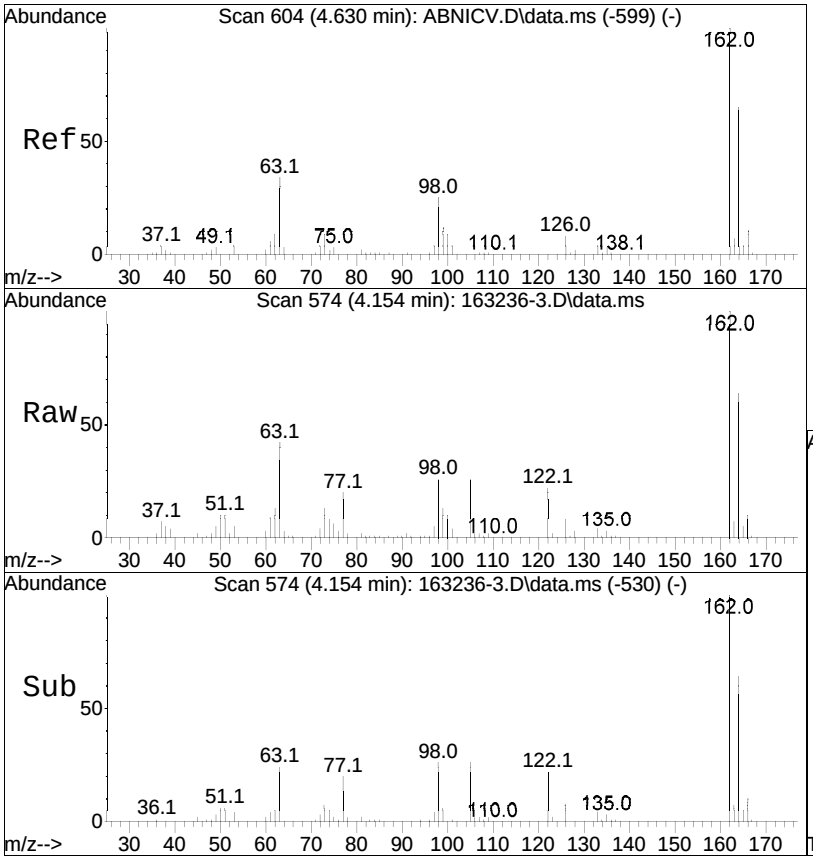


#24
Bis(2-chloroethoxy)methane
Concen: 32.52 ug/ml
RT: 4.083 min Scan# 562
Delta R.T. -0.006 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion: 93 Resp: 77692

Ion	Ratio	Lower	Upper
93	100		
95	31.6	26.8	40.2
123	6.2	8.7	13.1#

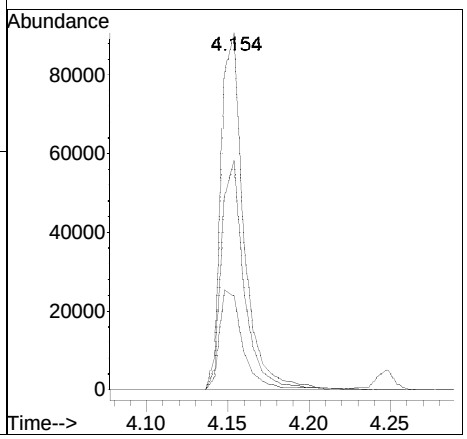


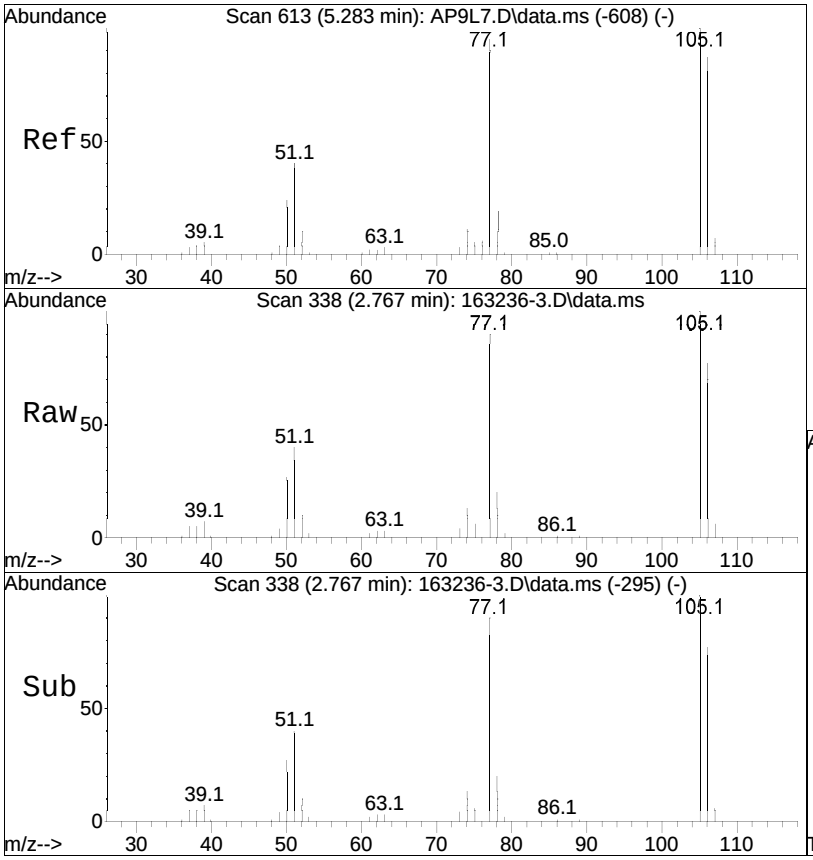


#25
2,4-Dichlorophenol
Concen: 37.45 ug/ml
RT: 4.154 min Scan# 574
Delta R.T. 0.006 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:162 Resp: 88384

Ion	Ratio	Lower	Upper
162	100		
164	64.3	51.8	77.8
98	29.2	25.0	37.4

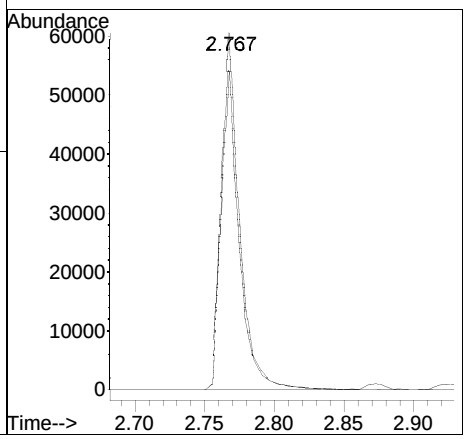


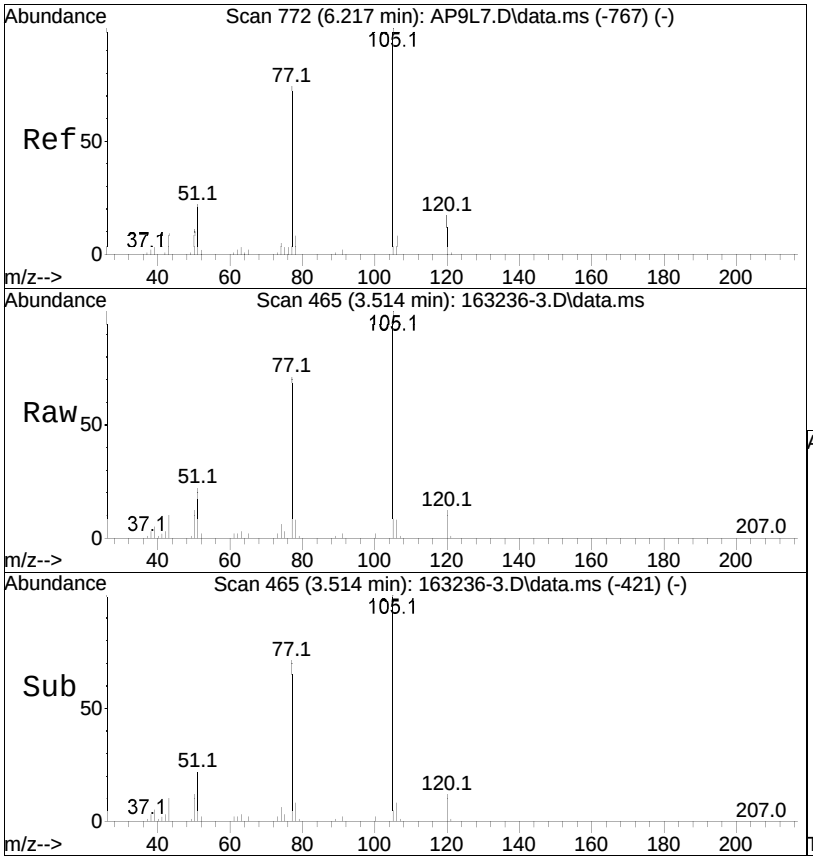


#28
Benzaldehyde
Concen: 32.92 ug/ml
RT: 2.767 min Scan# 338
Delta R.T. 0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:105 Resp: 54402

Ion	Ratio	Lower	Upper
105	100		
77	89.3	79.3	118.9

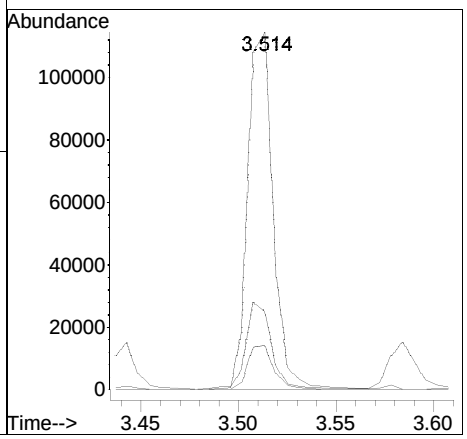


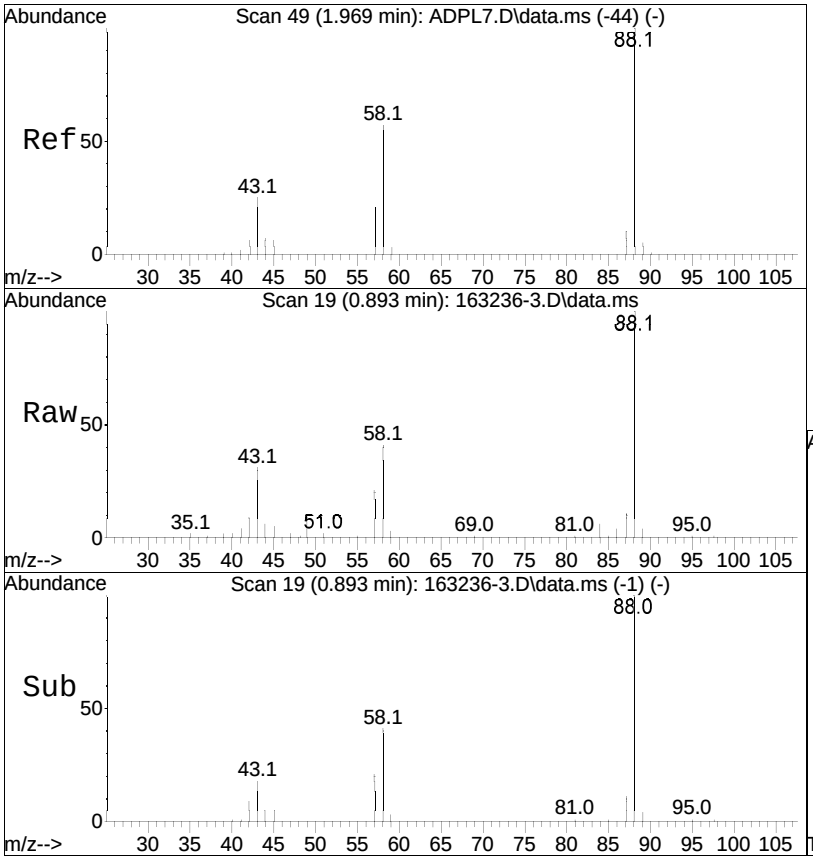


#29
Acetophenone
Concen: 36.74 ug/ml
RT: 3.514 min Scan# 465
Delta R.T. 0.006 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:105 Resp: 102558

Ion	Ratio	Lower	Upper
105	100		
120	12.7	17.4	26.2#
51	25.2	23.8	35.6

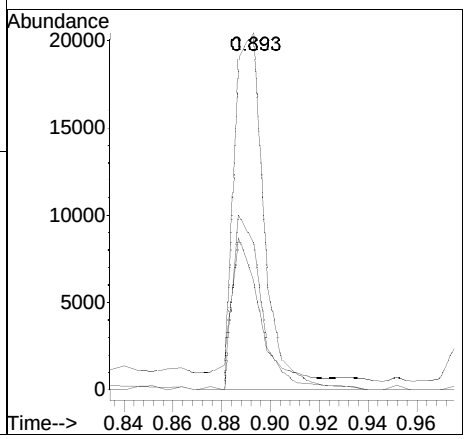


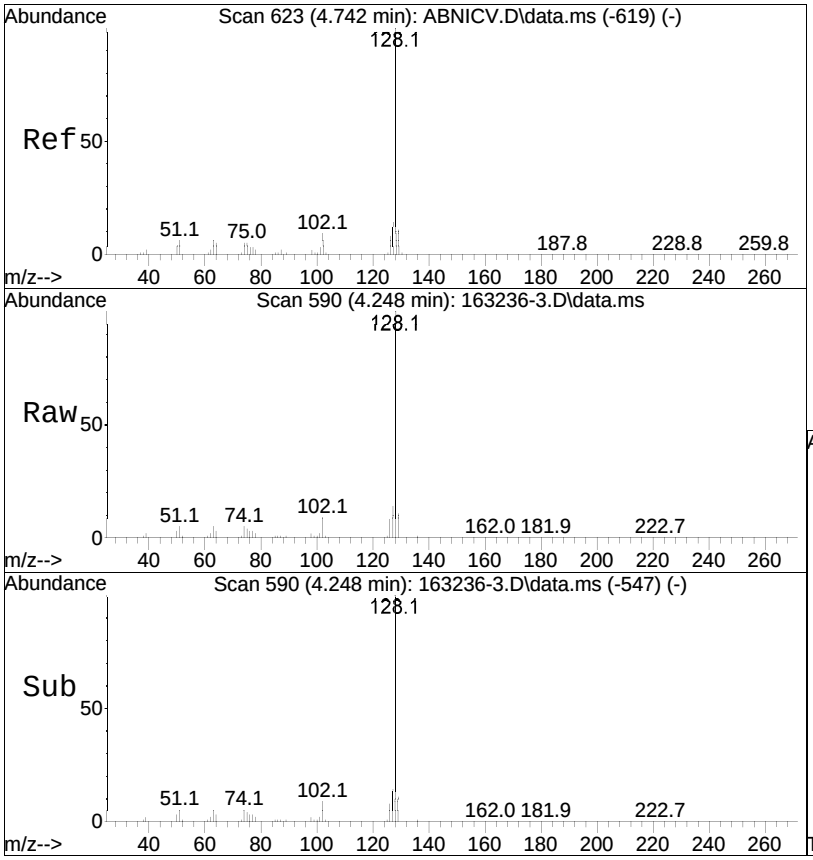


#33
1,4-Dioxane
Concen: 22.19 ug/ml
RT: 0.893 min Scan# 19
Delta R.T. 0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion: 88 Resp: 17411

Ion	Ratio	Lower	Upper
88	100		
58	47.4	44.8	67.2
43	39.8	20.8	31.2#

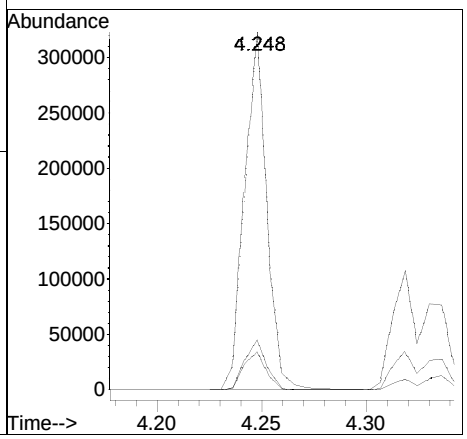


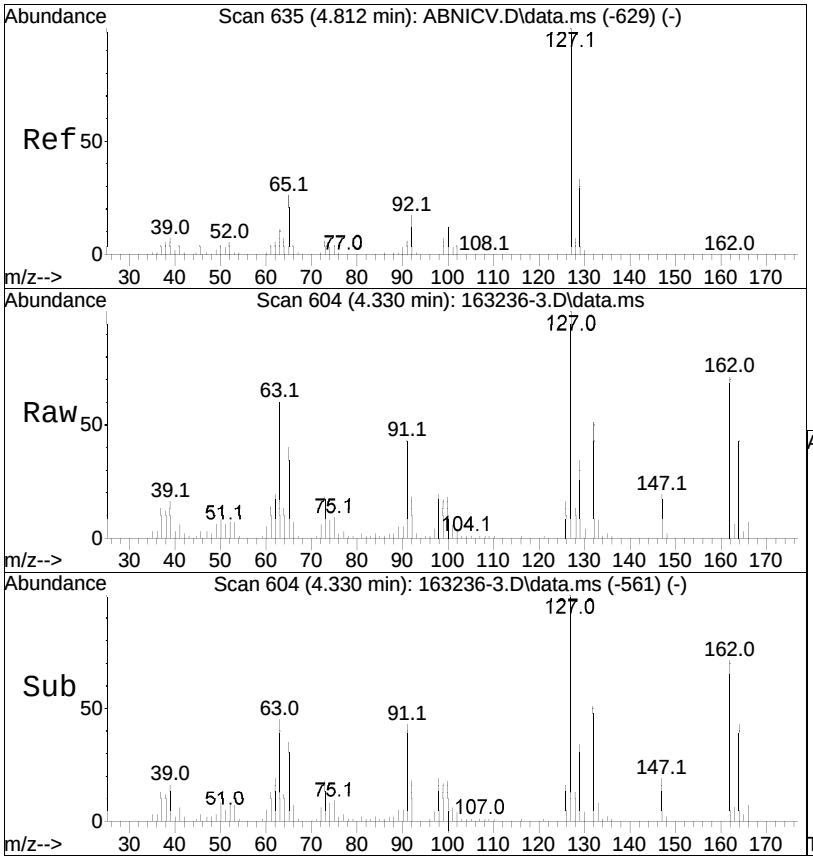


#36
Naphthalene
Concen: 31.23 ug/ml
RT: 4.248 min Scan# 590
Delta R.T. -0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:128 Resp: 238465

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	13.9	11.3	16.9

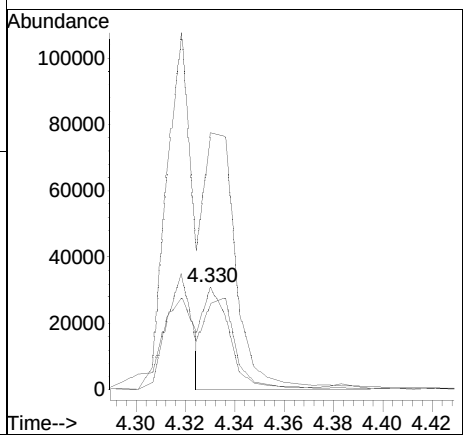


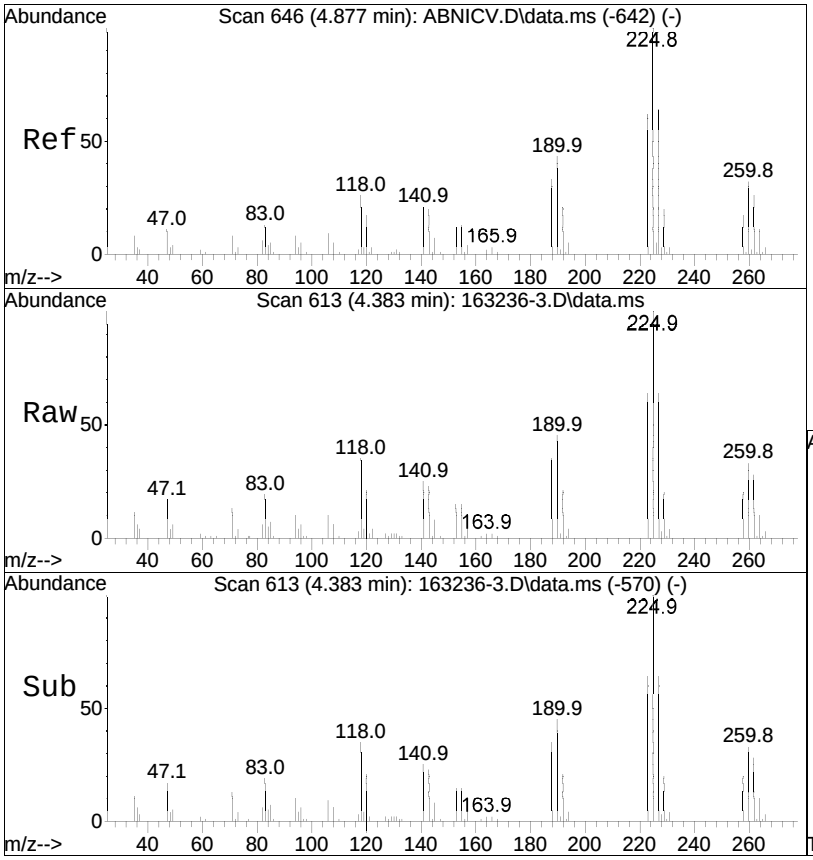


#38
4-Chloroaniline
Concen: 27.87 ug/ml M6
RT: 4.330 min Scan# 604
Delta R.T. 0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion: 65 Resp: 22781

Ion	Ratio	Lower	Upper
65	100		
127	647.6	302.2	453.2#
129	214.0	97.8	146.8#

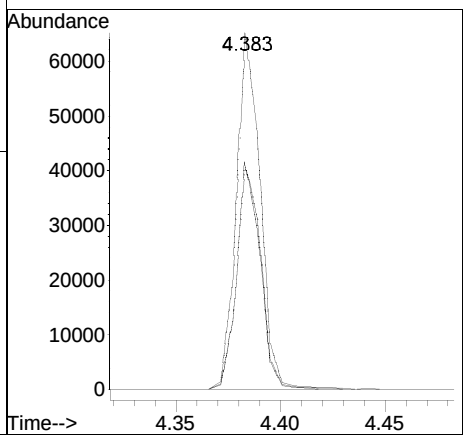


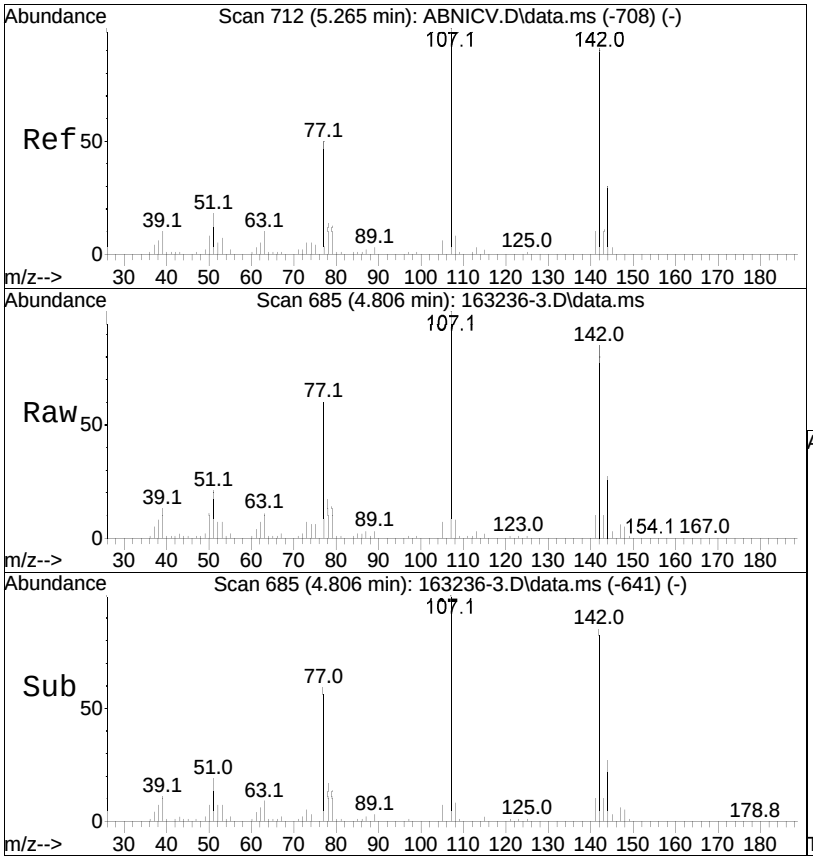


#39
Hexachlorobutadiene
Concen: 23.21 ug/ml
RT: 4.383 min Scan# 613
Delta R.T. 0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:225 Resp: 51259

Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.0	75.0
227	64.5	51.8	77.6

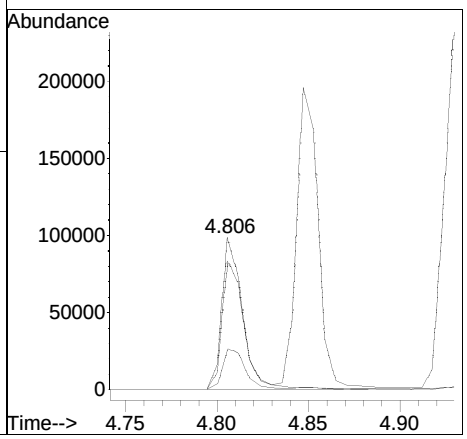


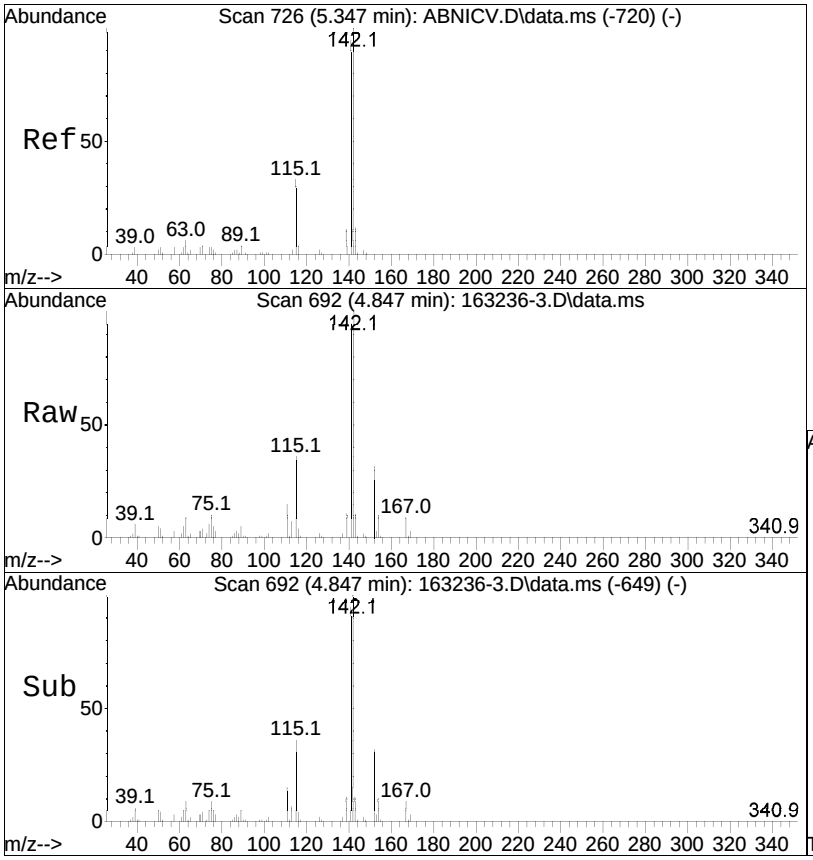


#40
p-Chloro-m-cresol
Concen: 36.11 ug/ml
RT: 4.806 min Scan# 685
Delta R.T. 0.006 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:107 Resp: 78986

Ion	Ratio	Lower	Upper
107	100		
144	28.7	23.3	34.9
142	85.4	72.7	109.1

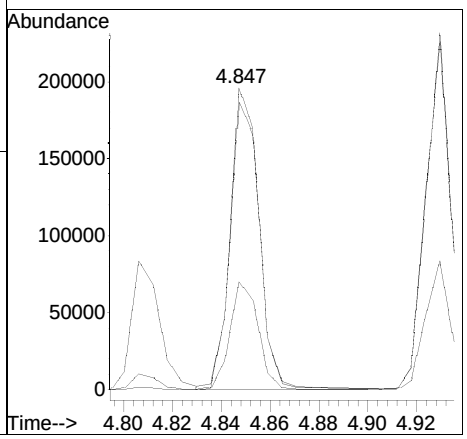


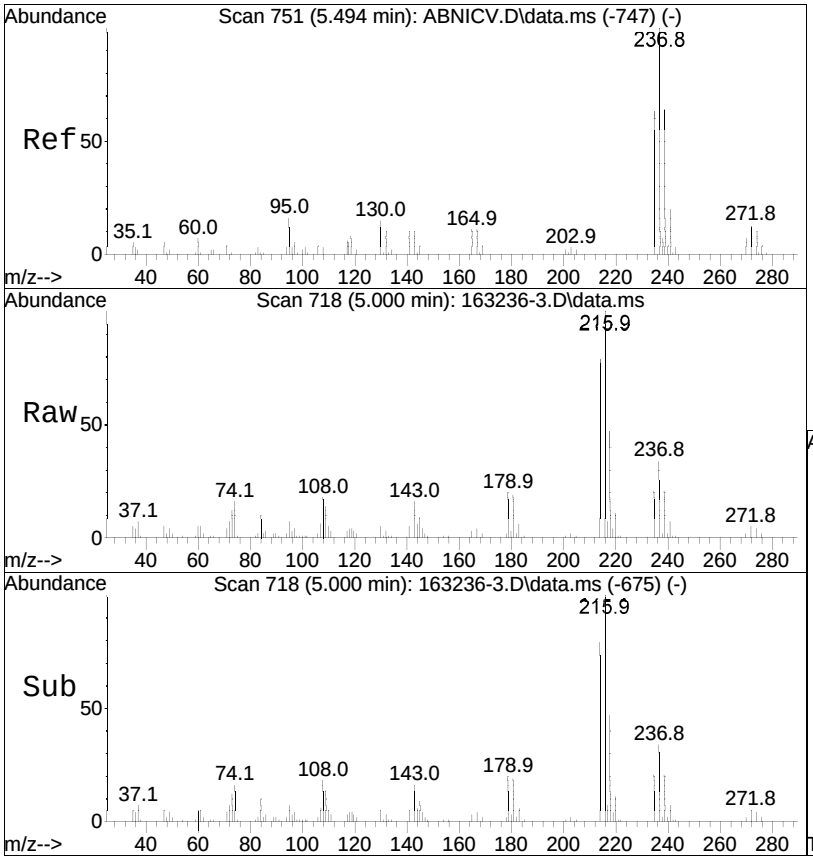


#41
2-Methylnaphthalene
Concen: 31.47 ug/ml
RT: 4.847 min Scan# 692
Delta R.T. 0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:142 Resp: 162364

Ion	Ratio	Lower	Upper
142	100		
141	96.3	69.5	104.3
115	35.3	25.4	38.2

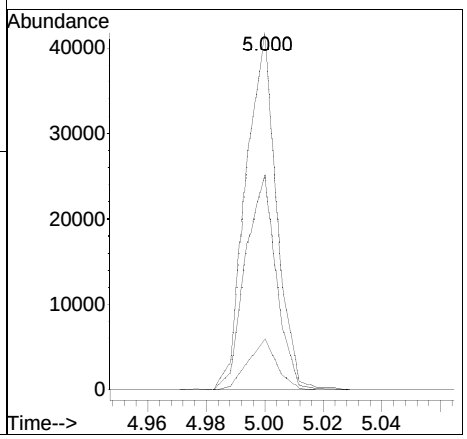


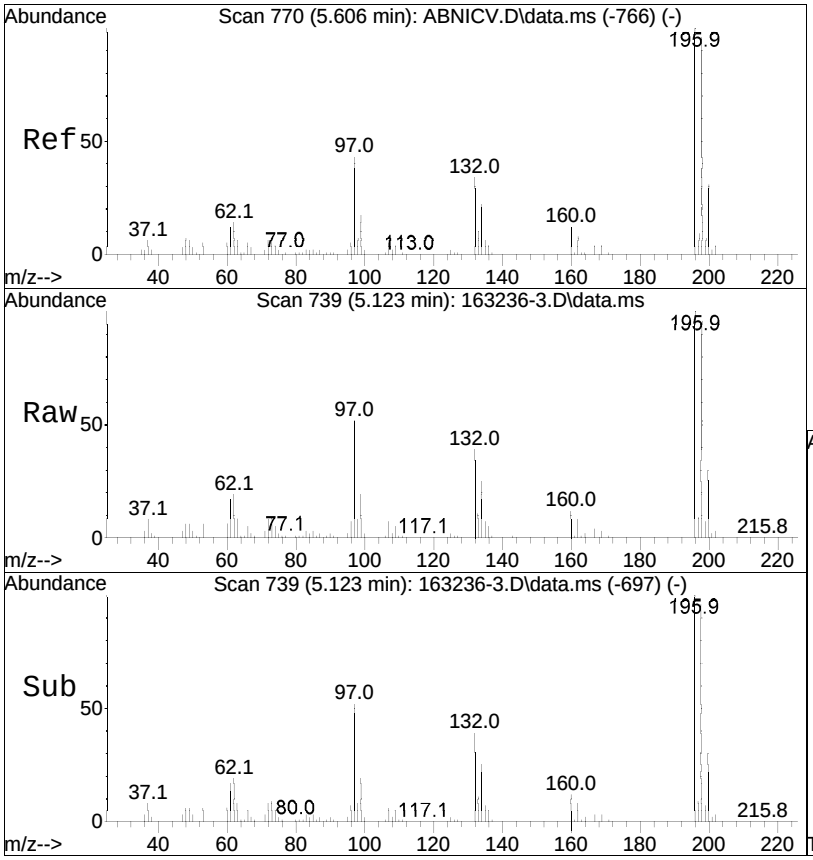


#43
Hexachlorocyclopentadiene
Concen: 12.45 ug/ml
RT: 5.000 min Scan# 718
Delta R.T. 0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:237 Resp: 30283

Ion	Ratio	Lower	Upper
237	100		
235	61.1	49.9	74.9
272	13.5	11.4	17.2

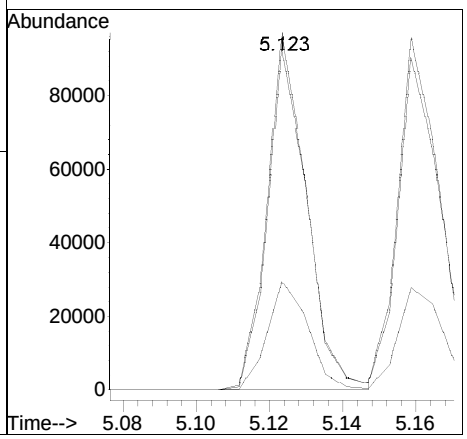


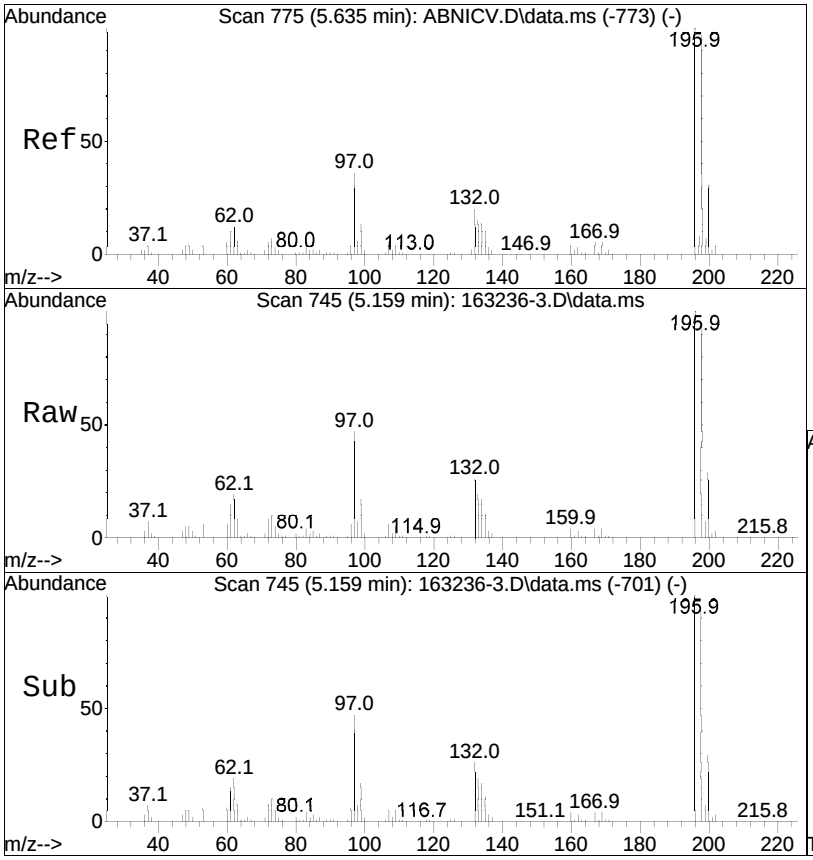


#44
2,4,6-Trichlorophenol
Concen: 31.21 ug/ml
RT: 5.123 min Scan# 739
Delta R.T. -0.001 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:196 Resp: 72449

Ion	Ratio	Lower	Upper
196	100		
198	96.4	77.0	115.6
200	31.8	25.0	37.6

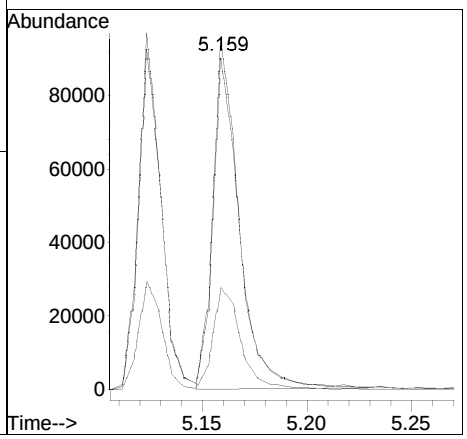


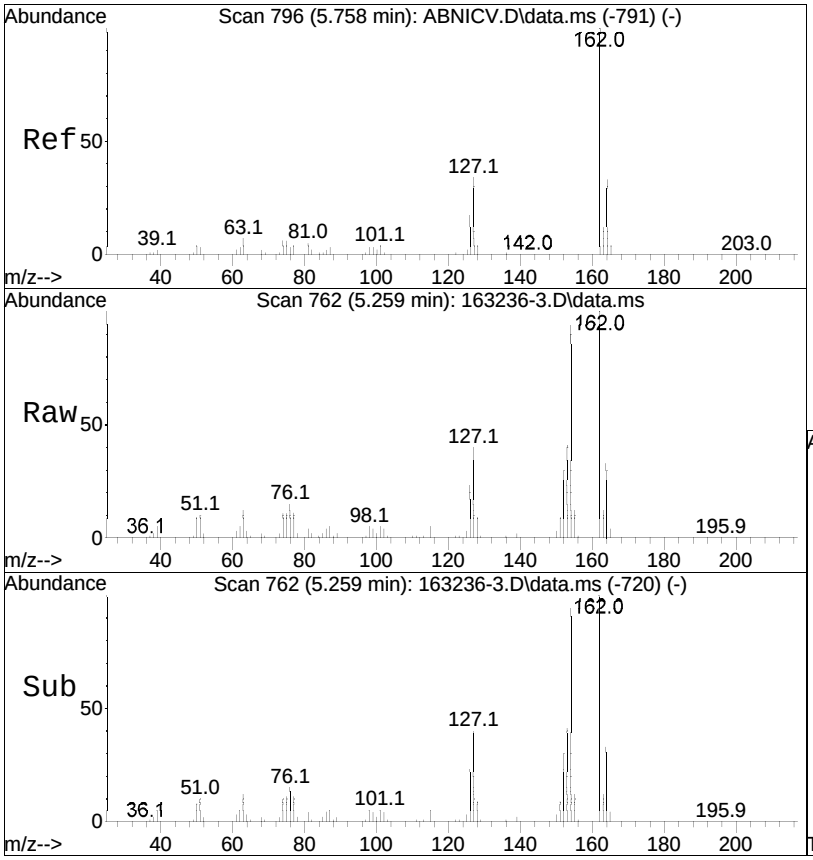


#45
2,4,5-Trichlorophenol
Concen: 32.35 ug/ml
RT: 5.159 min Scan# 745
Delta R.T. 0.006 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:196 Resp: 82580

Ion	Ratio	Lower	Upper
196	100		
200	31.1	24.9	37.3
198	98.1	78.5	117.7

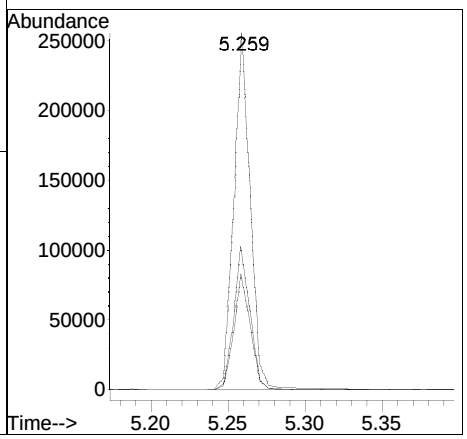


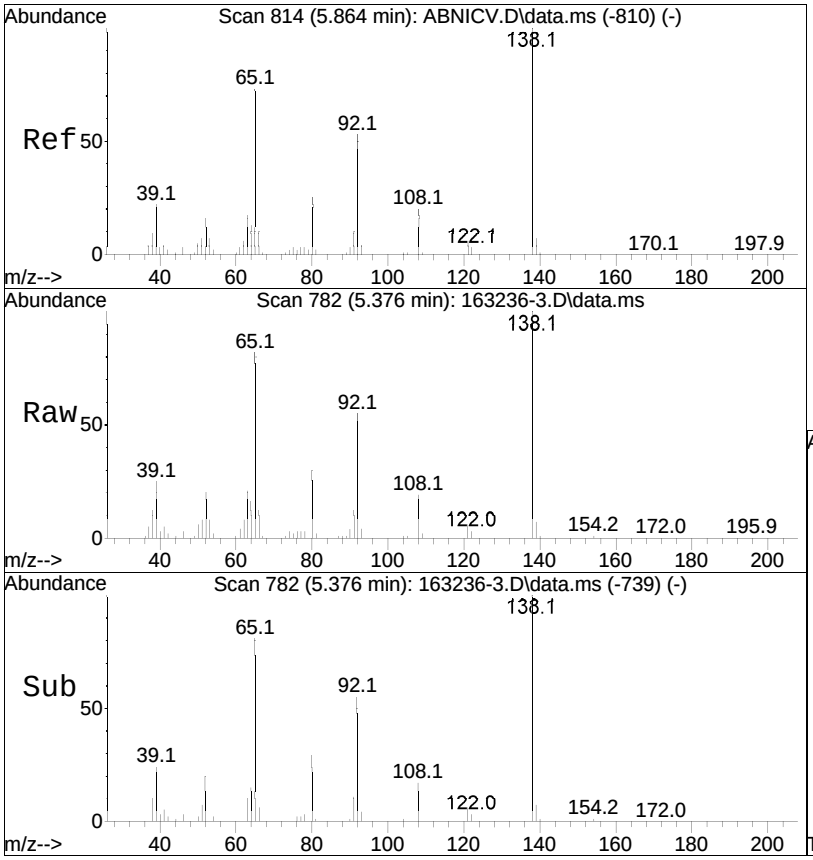


#47
2-Chloronaphthalene
Concen: 30.74 ug/ml
RT: 5.259 min Scan# 762
Delta R.T. -0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:162 Resp: 189204

Ion	Ratio	Lower	Upper
162	100		
127	39.8	28.0	42.0
164	32.6	26.6	39.8

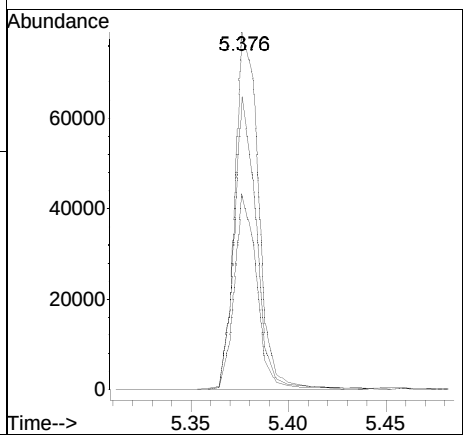


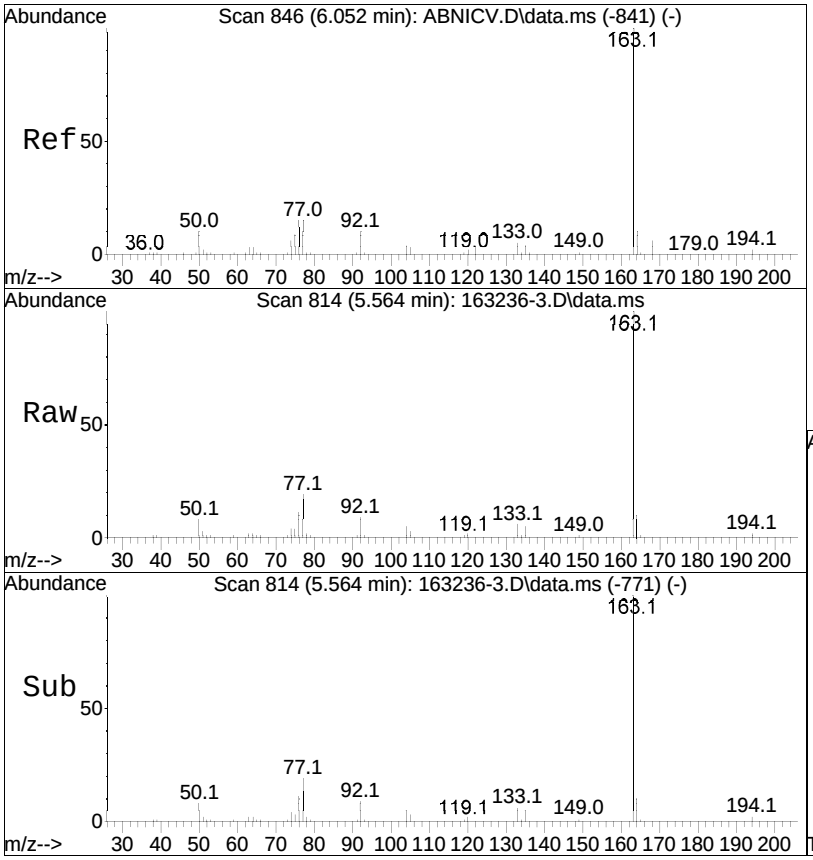


#48
2-Nitroaniline
Concen: 39.19 ug/ml
RT: 5.376 min Scan# 782
Delta R.T. 0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:138 Resp: 66435

Ion	Ratio	Lower	Upper
138	100		
92	51.6	41.7	62.5
65	77.2	61.5	92.3

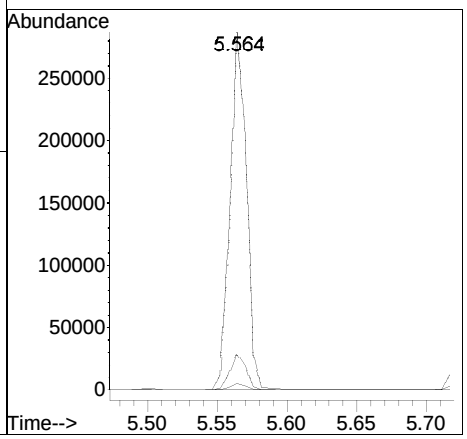


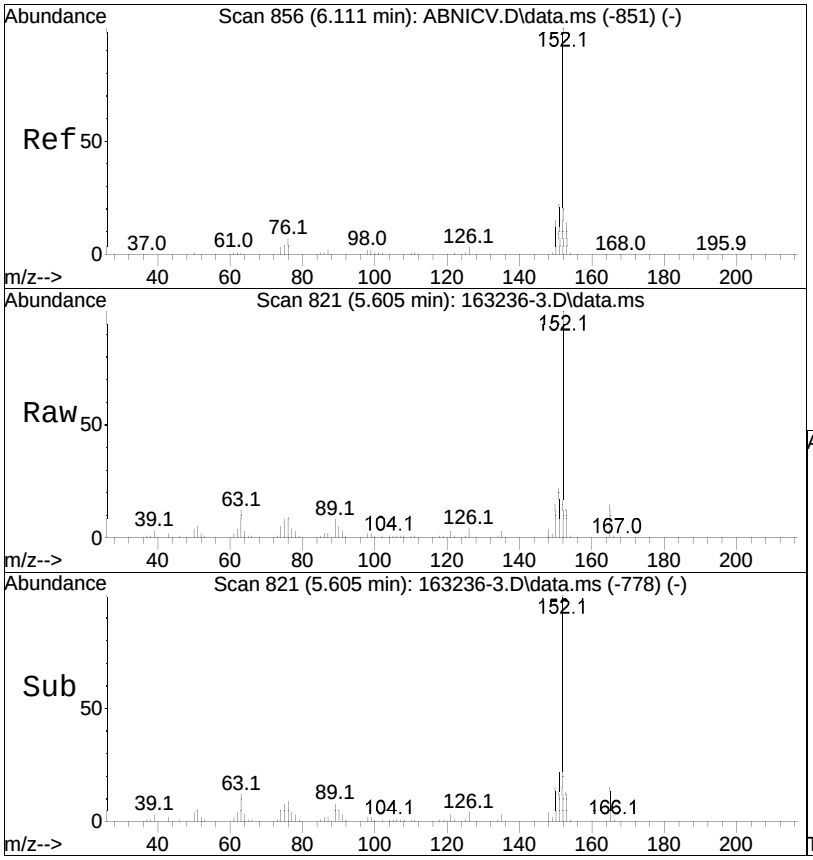


#51
Dimethyl phthalate
Concen: 31.05 ug/ml
RT: 5.564 min Scan# 814
Delta R.T. 0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:163 Resp: 230484

Ion	Ratio	Lower	Upper
163	100		
194	1.6	3.4	5.2#
164	10.0	8.4	12.6

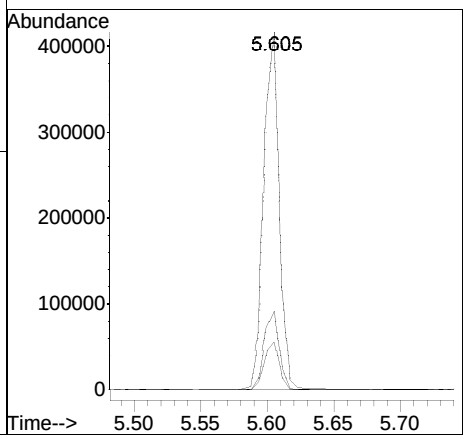


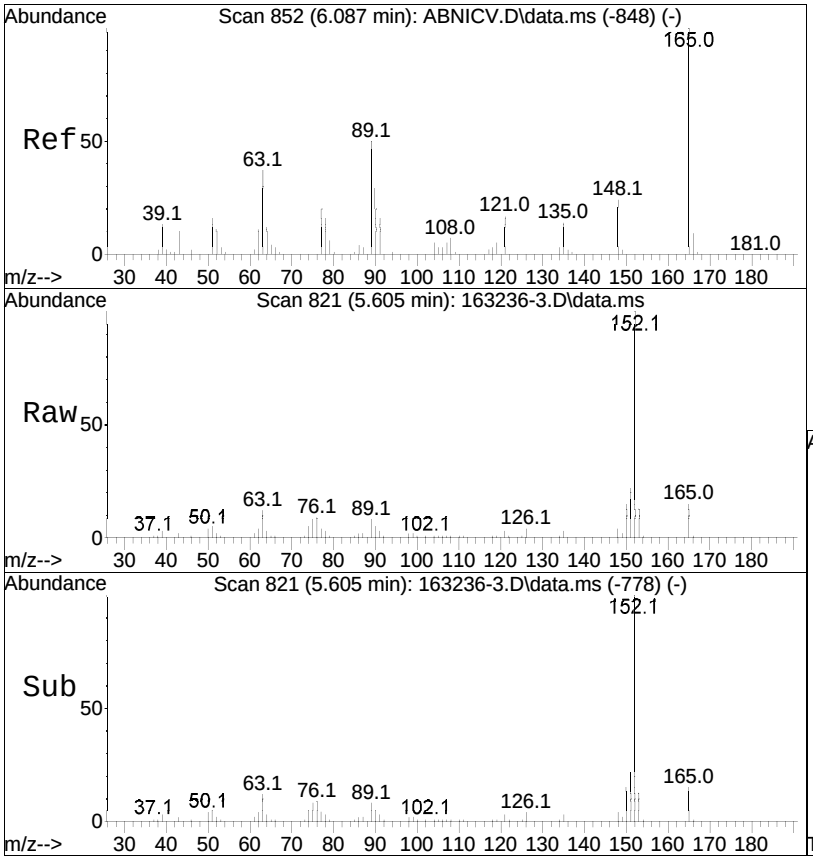


#52
Acenaphthylene
Concen: 34.72 ug/ml
RT: 5.605 min Scan# 821
Delta R.T. 0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:152 Resp: 336084

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.7	25.1
153	13.4	11.1	16.7

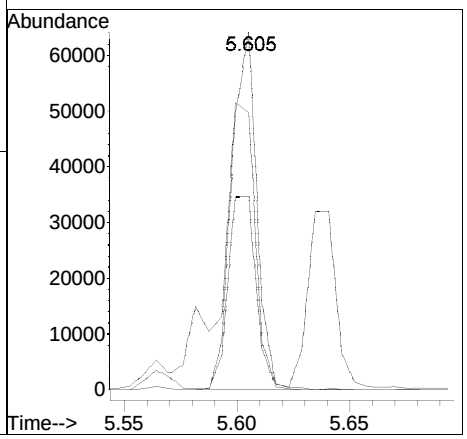


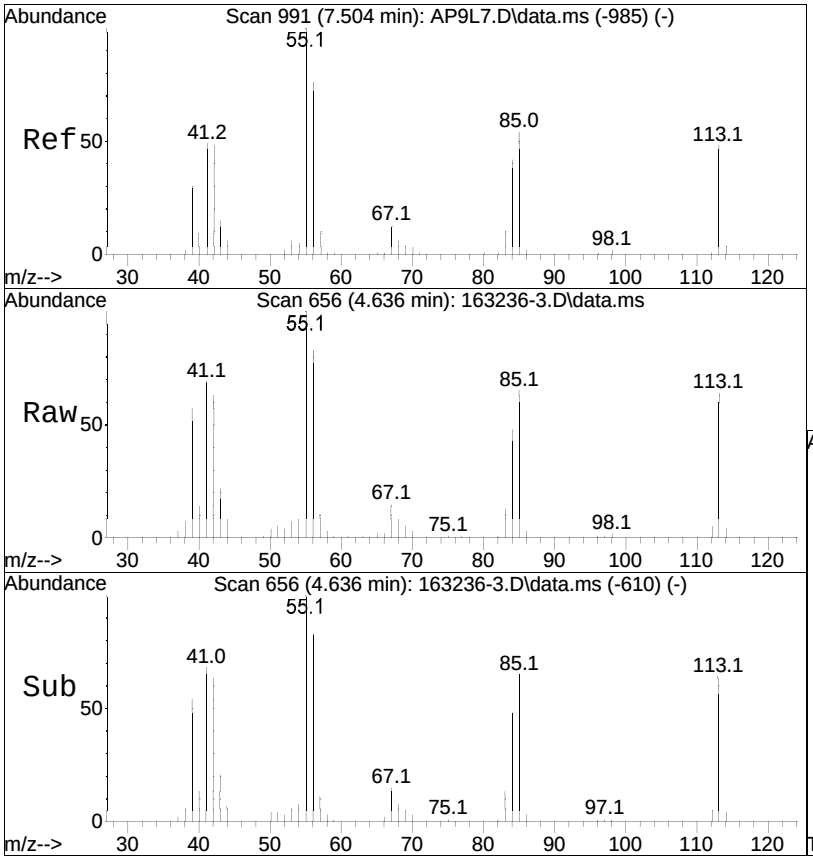


#53
2,6-Dinitrotoluene
Concen: 32.73 ug/ml
RT: 5.605 min Scan# 821
Delta R.T. 0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:165 Resp: 49619

Ion	Ratio	Lower	Upper
165	100		
89	59.9	43.1	64.7
63	117.3	42.7	64.1#

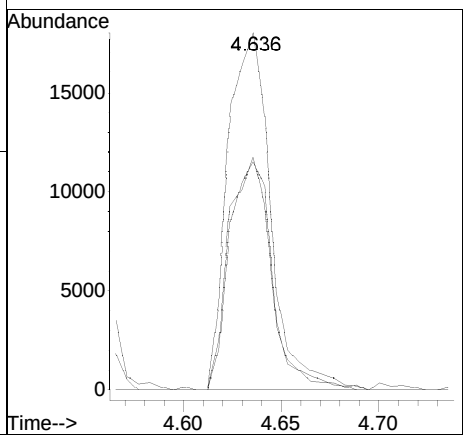


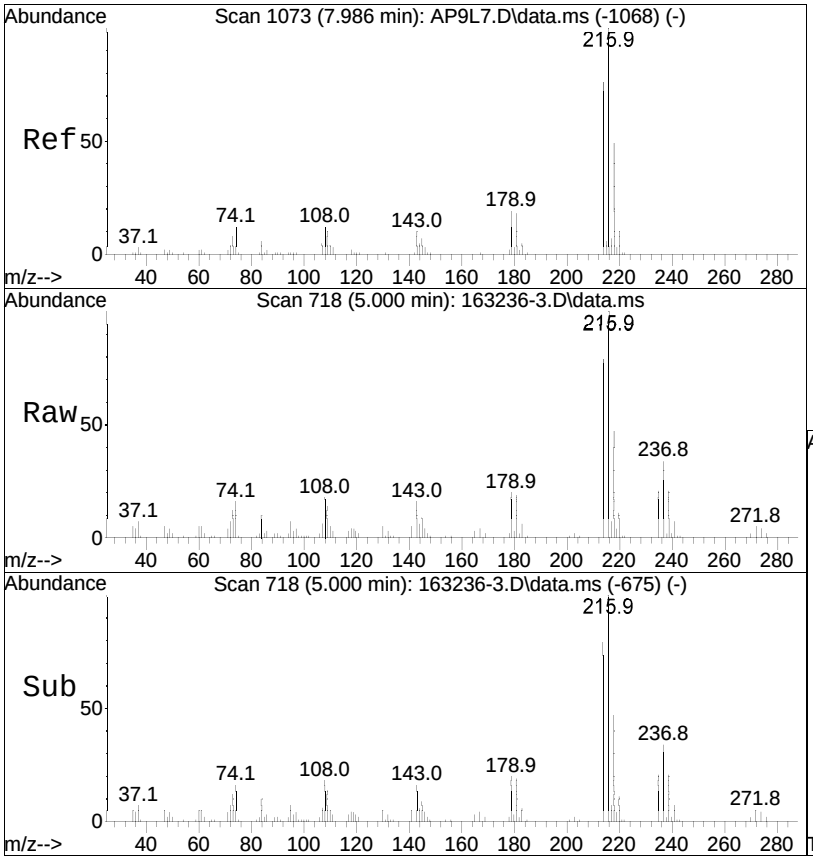


#60
Caprolactam
Concen: 32.64 ug/ml
RT: 4.636 min Scan# 656
Delta R.T. 0.018 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion: 55 Resp: 27516

Ion	Ratio	Lower	Upper
55	100		
85	64.5	36.6	54.8#
113	64.0	50.2	75.2

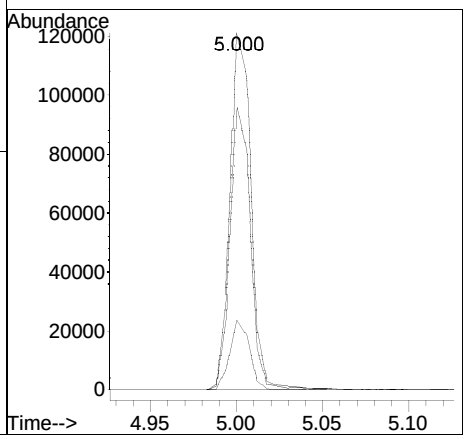


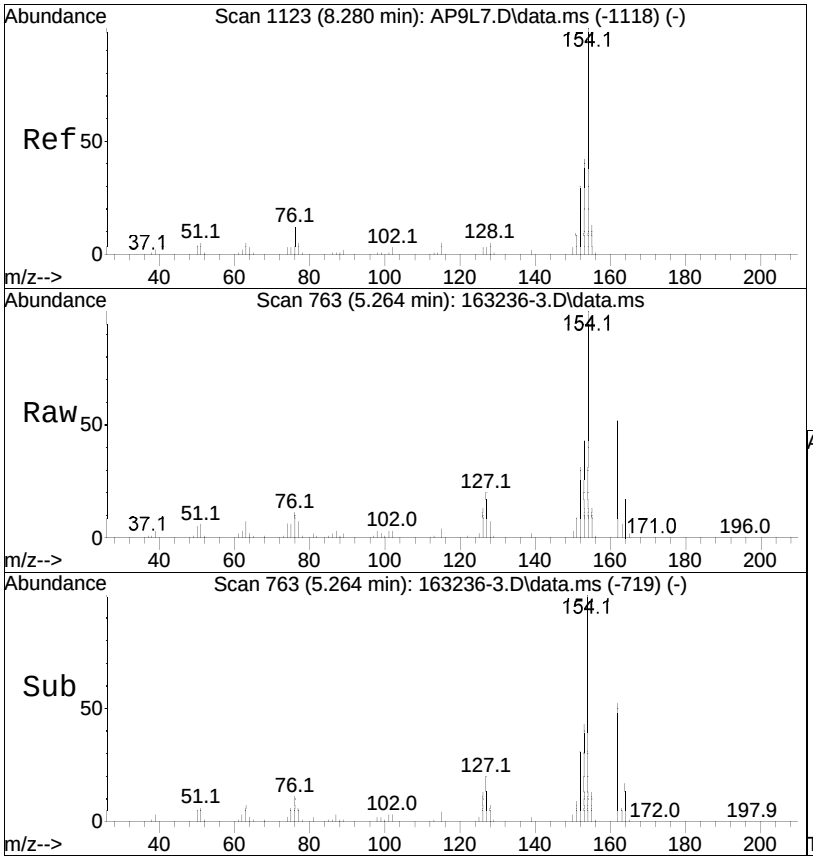


#61
1,2,4,5-Tetrachlorobenzene
Concen: 28.02 ug/ml
RT: 5.000 min Scan# 718
Delta R.T. 0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:216 Resp: 102950

Ion	Ratio	Lower	Upper
216	100		
214	77.1	63.0	94.4
179	18.6	15.3	22.9

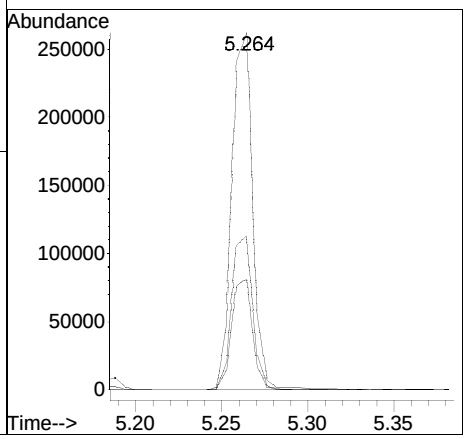


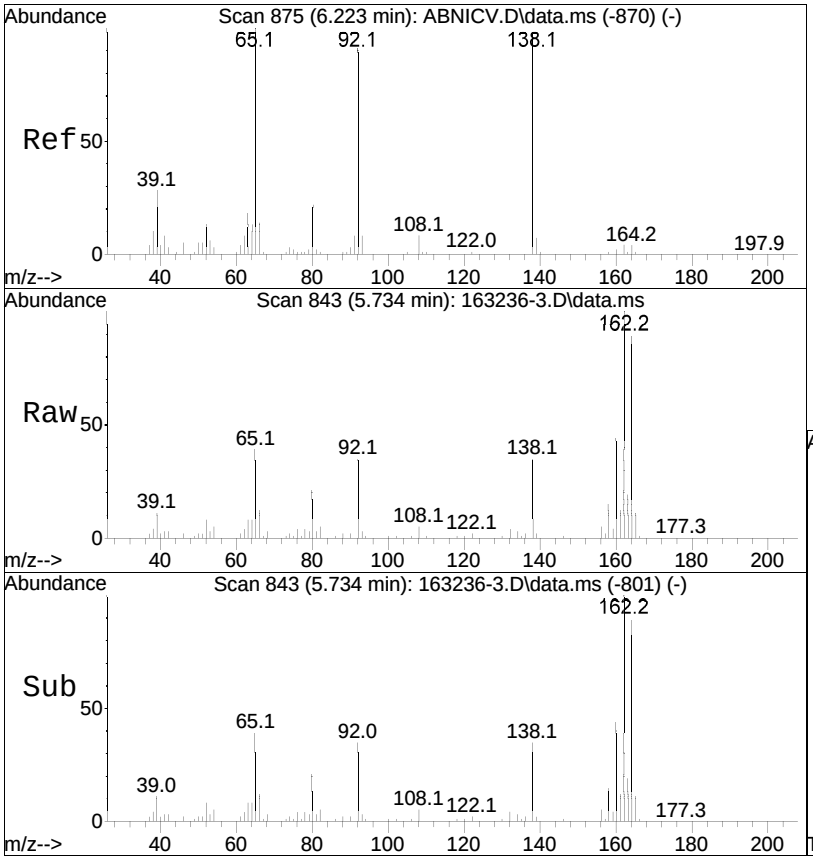


#62
Biphenyl
Concen: 31.21 ug/ml
RT: 5.264 min Scan# 763
Delta R.T. 0.006 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:154 Resp: 221588

Ion	Ratio	Lower	Upper
154	100		
153	43.9	33.8	50.8
152	31.3	23.0	34.6

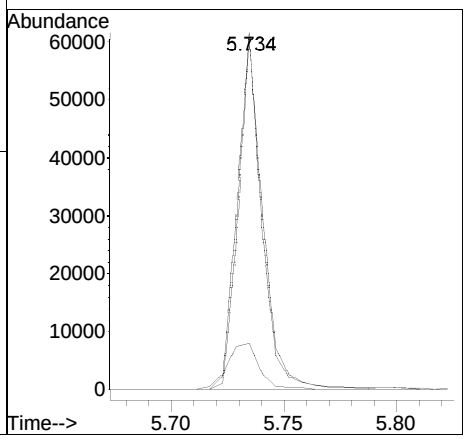


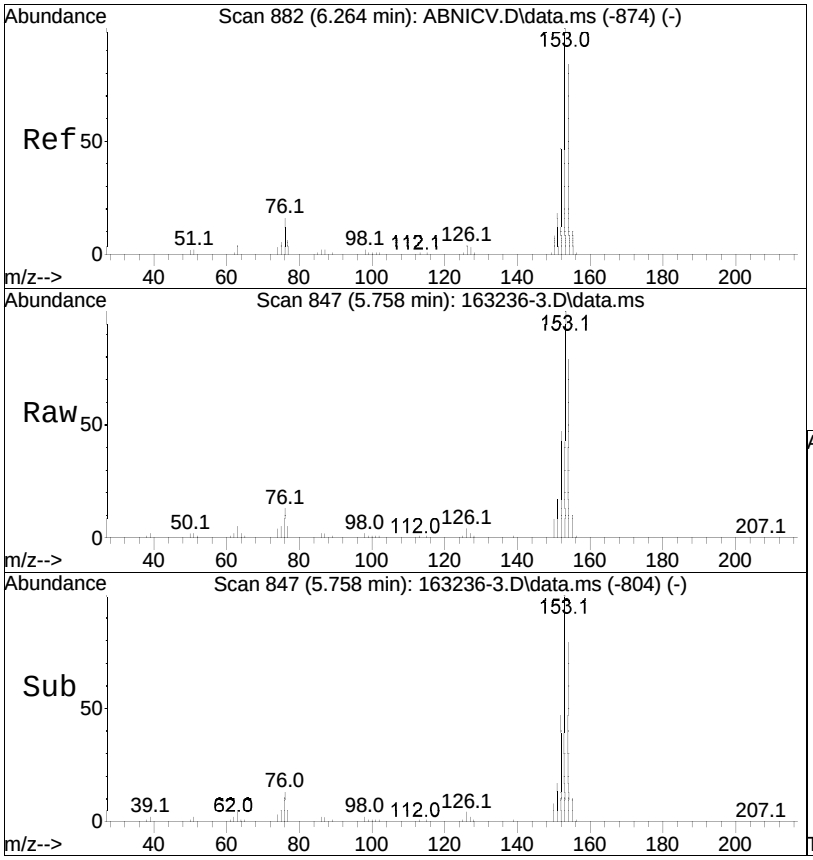


#64
3-Nitroaniline
Concen: 28.97 ug/ml
RT: 5.734 min Scan# 843
Delta R.T. -0.001 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:138 Resp: 45333

Ion	Ratio	Lower	Upper
138	100		
92	101.4	77.5	116.3
108	17.5	7.0	10.4#

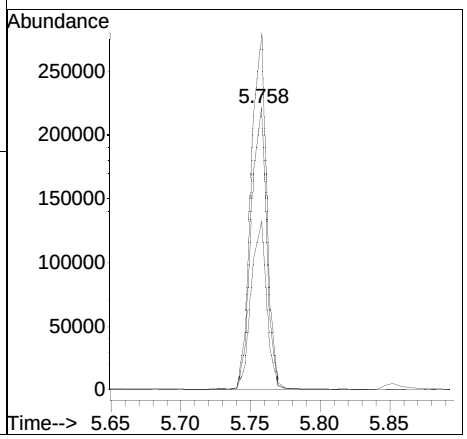


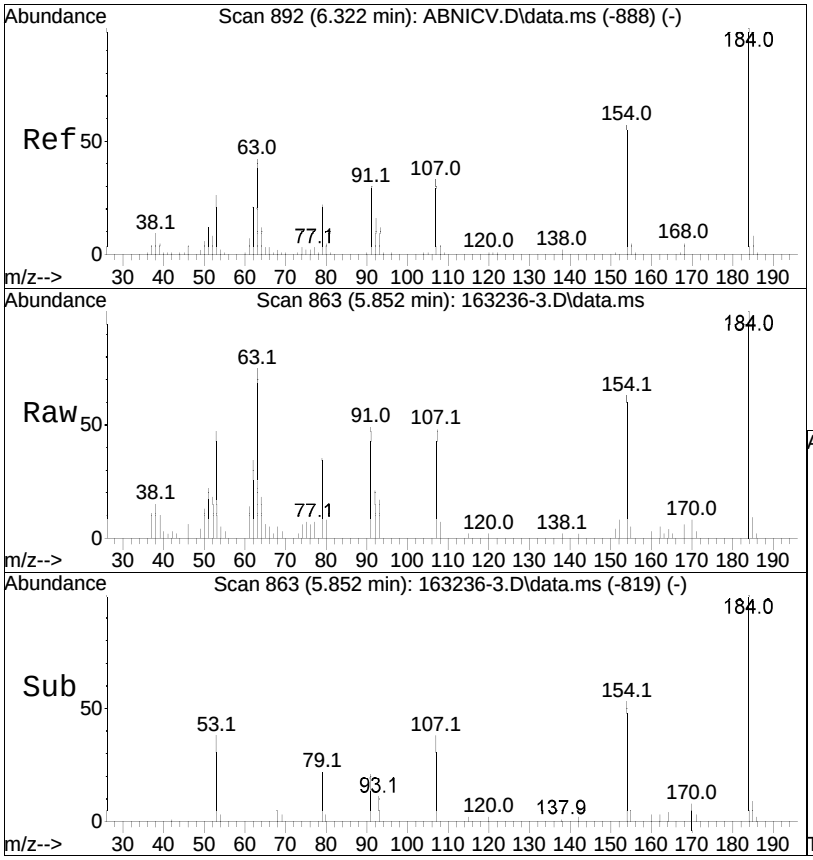


#65
Acenaphthene
Concen: 30.96 ug/ml
RT: 5.758 min Scan# 847
Delta R.T. -0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:154 Resp: 174261

Ion	Ratio	Lower	Upper
154	100		
153	125.7	89.4	134.0
152	59.0	42.2	63.2

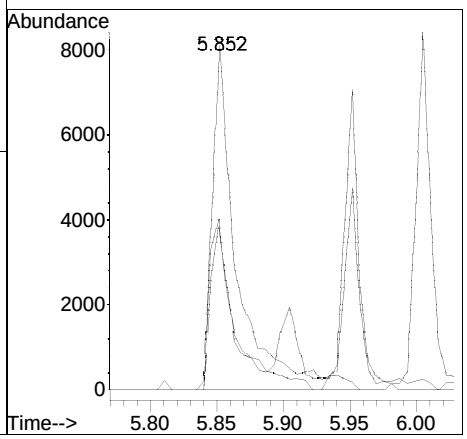


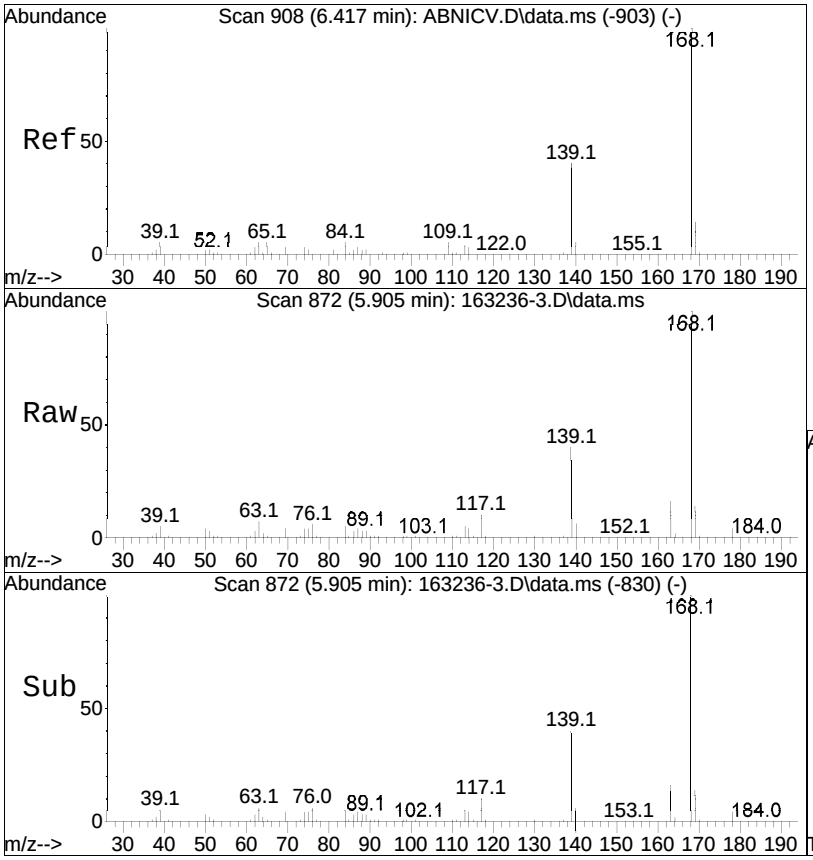


#66
2,4-Dinitrophenol
Concen: 10.64 ug/ml
RT: 5.852 min Scan# 863
Delta R.T. 0.006 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:184 Resp: 10710

Ion	Ratio	Lower	Upper
184	100		
107	47.0	31.4	47.2
91	45.2	37.2	55.8

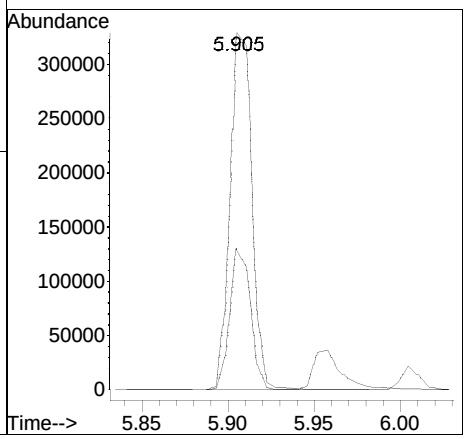


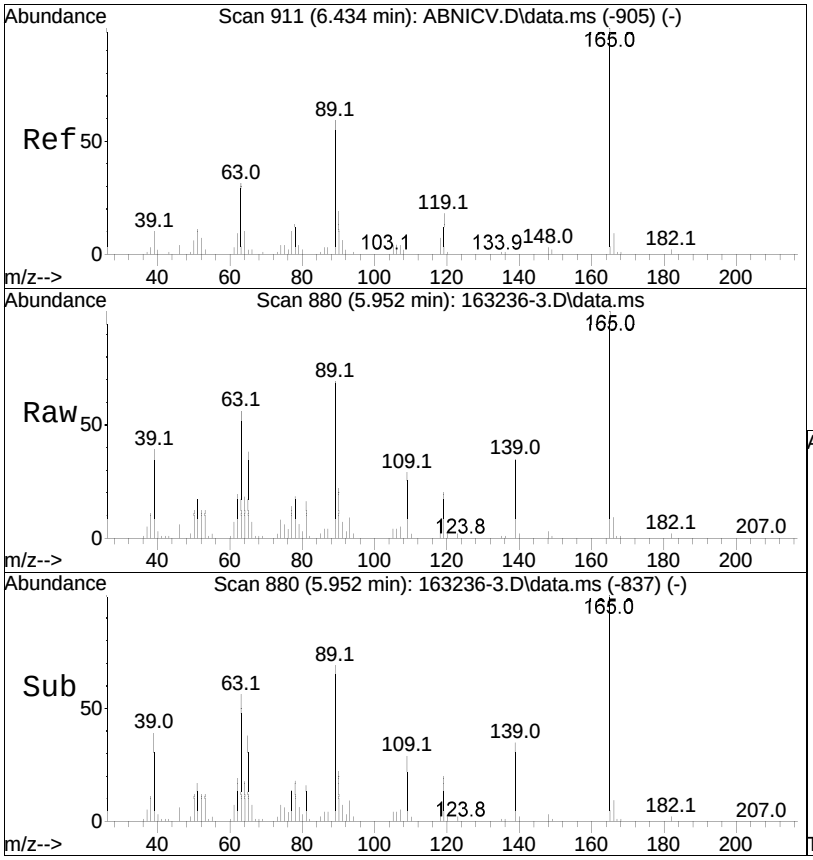


#67
Dibenzofuran
Concen: 30.62 ug/ml
RT: 5.905 min Scan# 872
Delta R.T. -0.006 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:168 Resp: 290162

Ion	Ratio	Lower	Upper
168	100		
139	37.4	28.0	42.0

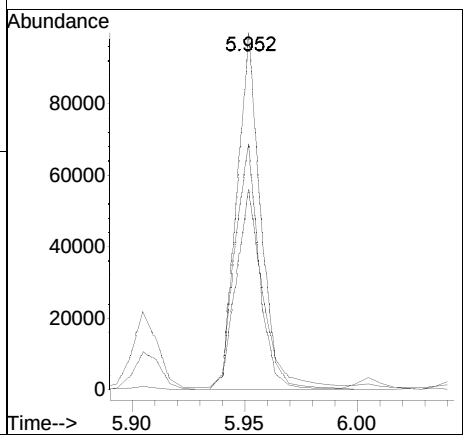


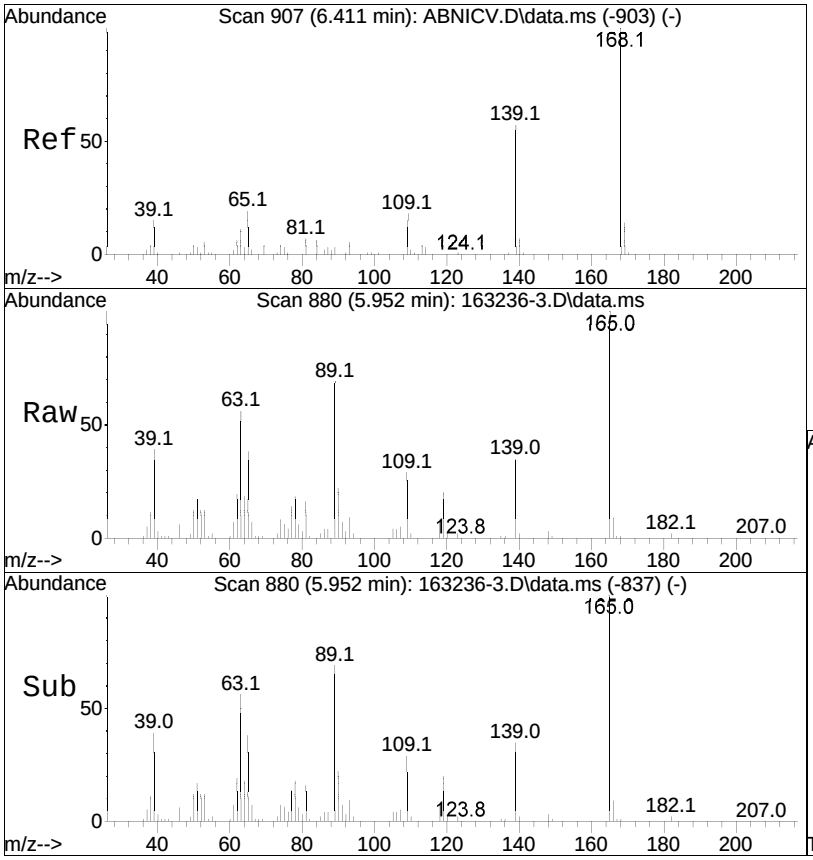


#68
2,4-Dinitrotoluene
Concen: 33.45 ug/ml
RT: 5.952 min Scan# 880
Delta R.T. -0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:165 Resp: 72602

Ion	Ratio	Lower	Upper
165	100		
89	70.4	63.0	94.6
63	65.2	50.3	75.5

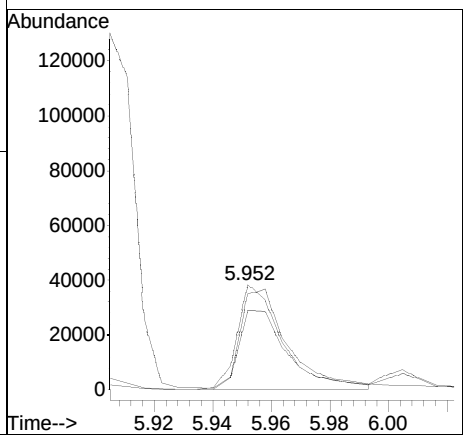


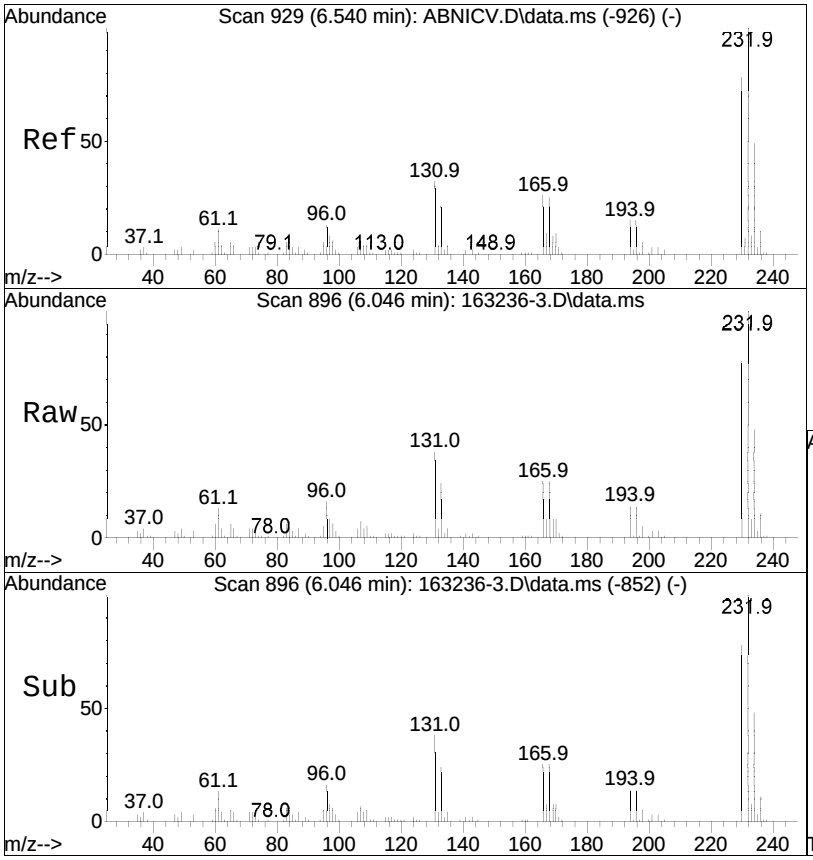


#69
4-Nitrophenol
Concen: 39.44 ug/ml
RT: 5.952 min Scan# 880
Delta R.T. -0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion: 65 Resp: 41730

Ion	Ratio	Lower	Upper
65	100		
109	82.4	55.3	82.9
139	102.6	95.1	142.7

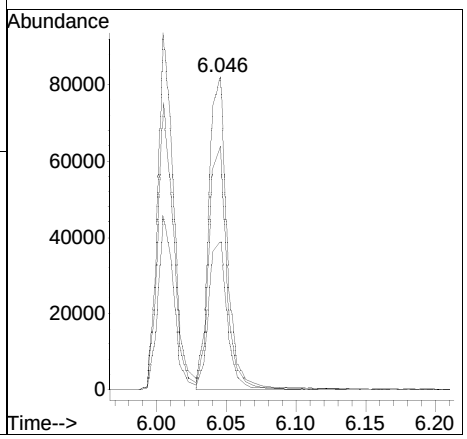


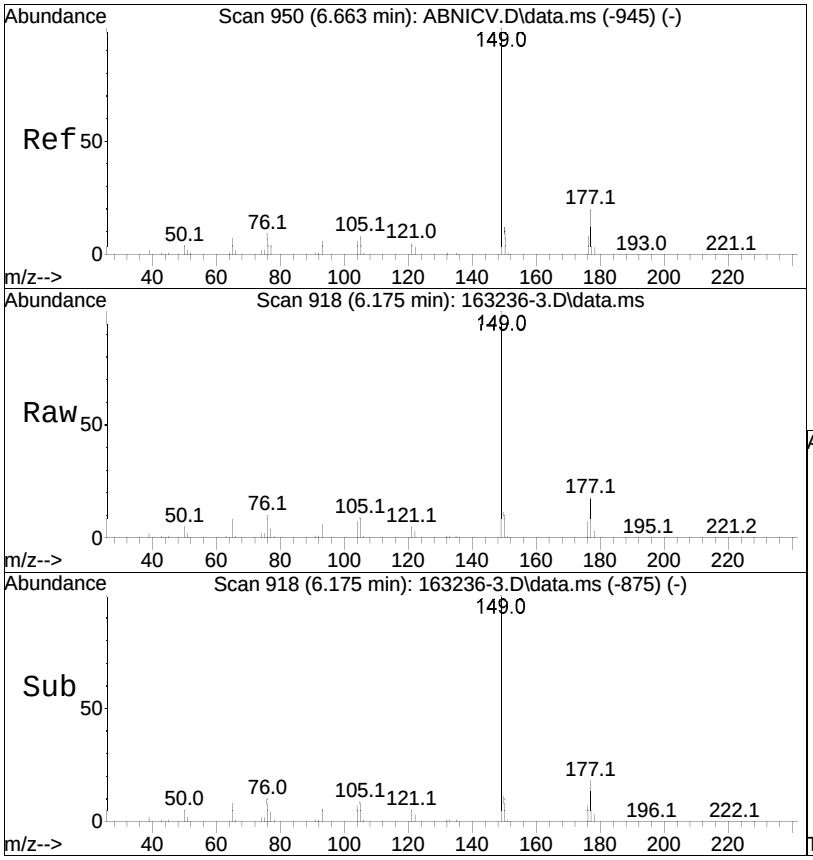


#71
2,3,4,6-Tetrachlorophenol
Concen: 32.86 ug/ml
RT: 6.046 min Scan# 896
Delta R.T. 0.006 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:232 Resp: 75307

Ion	Ratio	Lower	Upper
232	100		
230	74.9	64.2	96.4
234	48.3	38.4	57.6

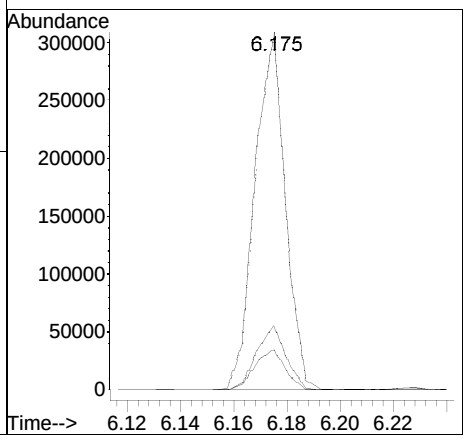


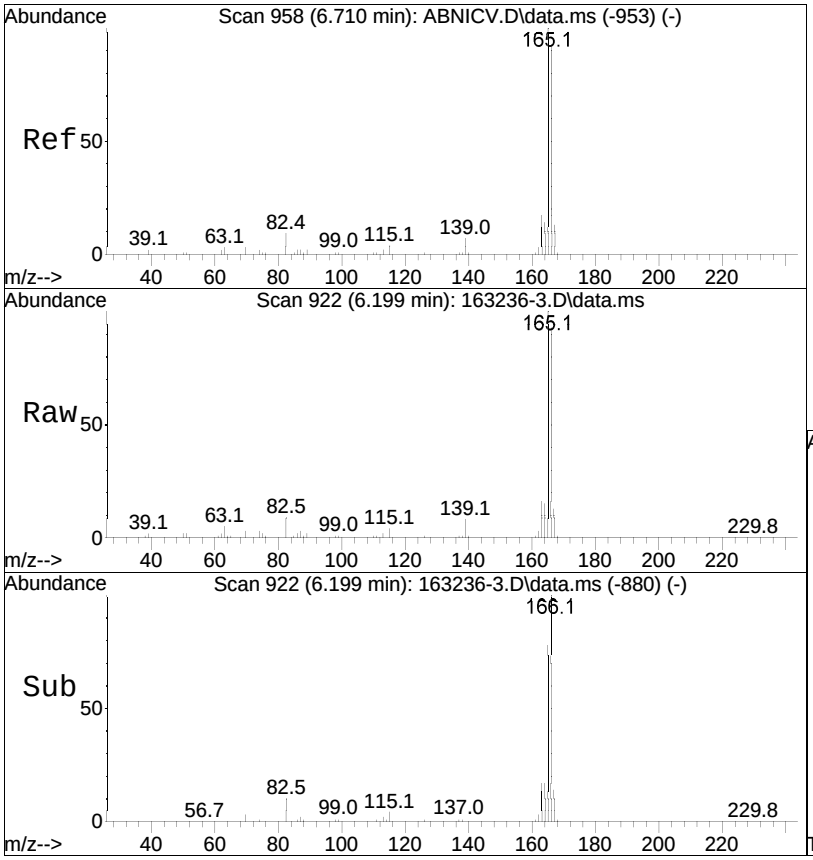


#72
Diethyl phthalate
Concen: 32.12 ug/ml
RT: 6.175 min Scan# 918
Delta R.T. 0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:149 Resp: 241600

Ion	Ratio	Lower	Upper
149	100		
177	17.6	16.2	24.2
150	11.6	9.4	14.0

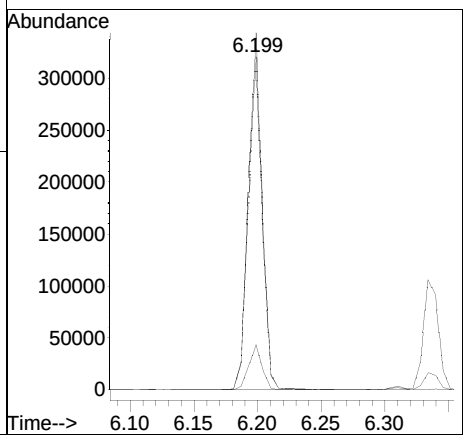


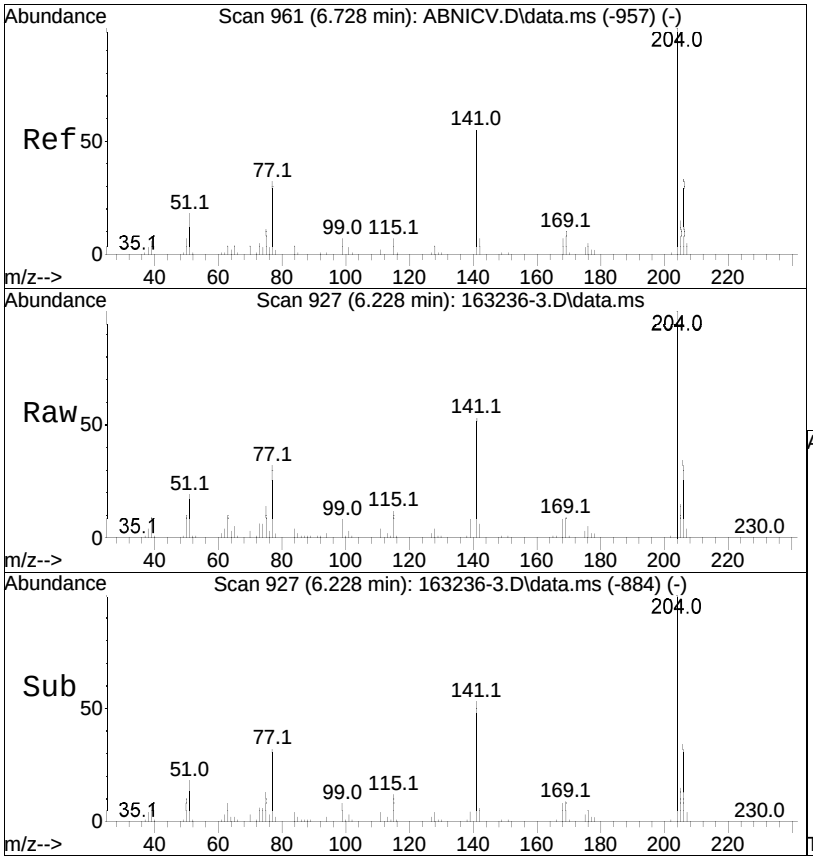


#73
Fluorene
Concen: 32.36 ug/ml
RT: 6.199 min Scan# 922
Delta R.T. -0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:166 Resp: 241153

Ion	Ratio	Lower	Upper
166	100		
165	106.4	77.2	115.8
167	13.3	10.9	16.3

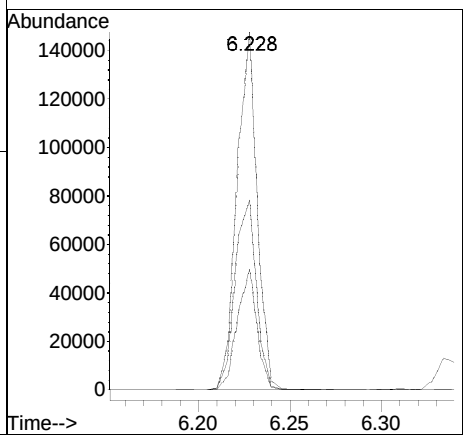


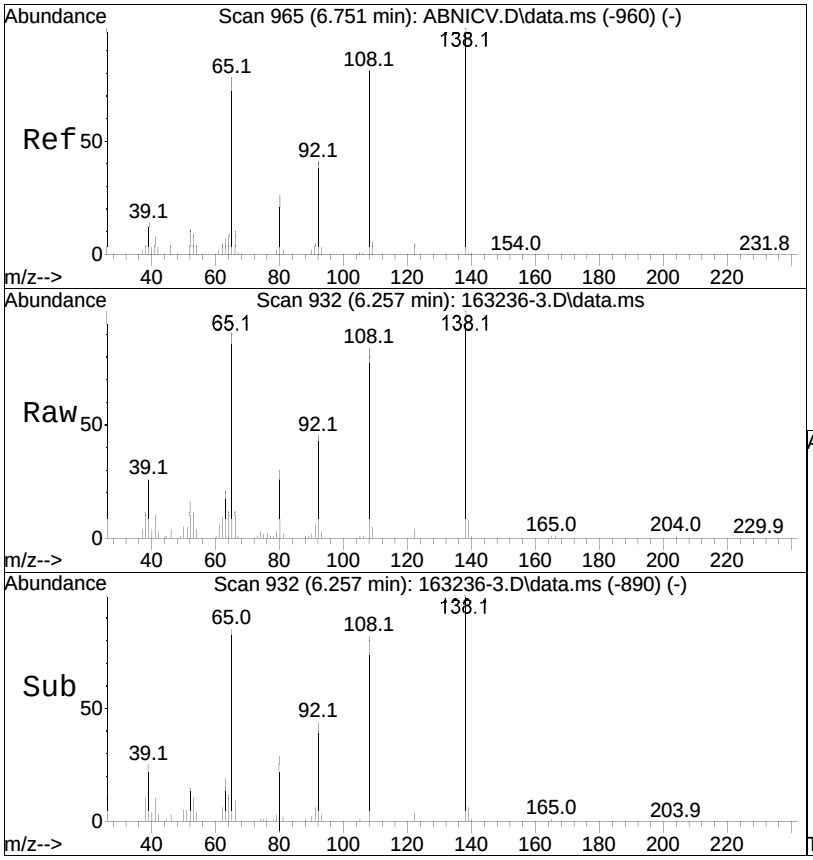


#74
4-Chlorophenyl phenyl ether
Concen: 28.66 ug/ml
RT: 6.228 min Scan# 927
Delta R.T. 0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:204 Resp: 112190

Ion	Ratio	Lower	Upper
204	100		
206	33.0	27.0	40.6
141	56.4	42.2	63.2

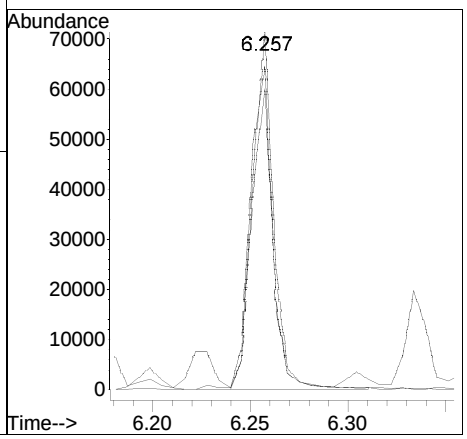


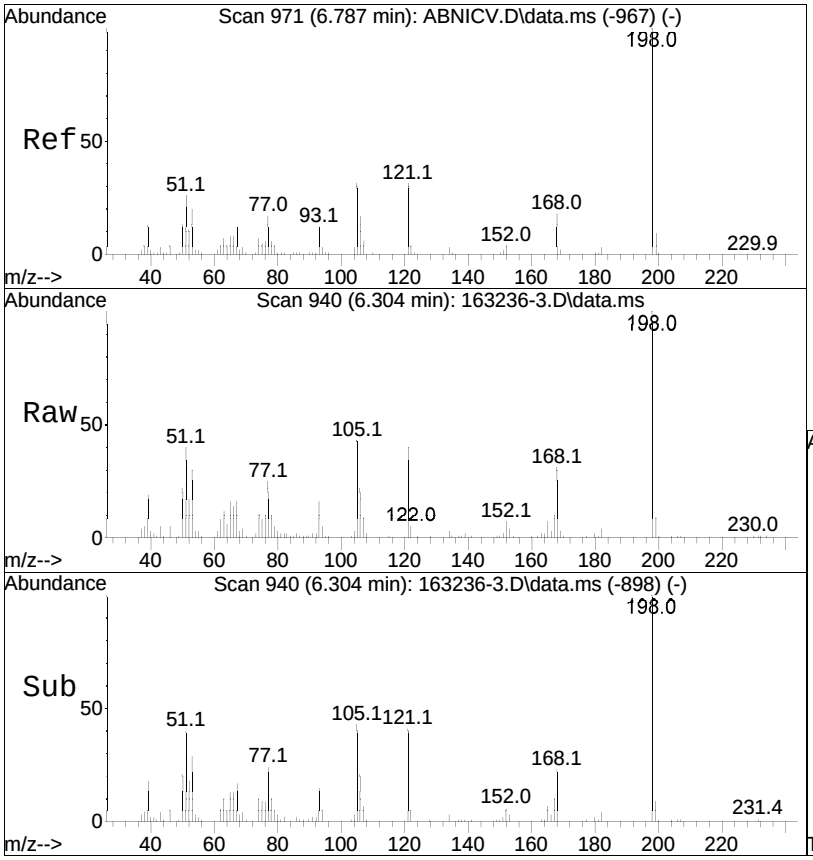


#75
4-Nitroaniline
Concen: 35.81 ug/ml
RT: 6.257 min Scan# 932
Delta R.T. -0.001 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:138 Resp: 54085

Ion	Ratio	Lower	Upper
138	100		
108	85.1	46.7	70.1#
65	94.5	81.2	121.8

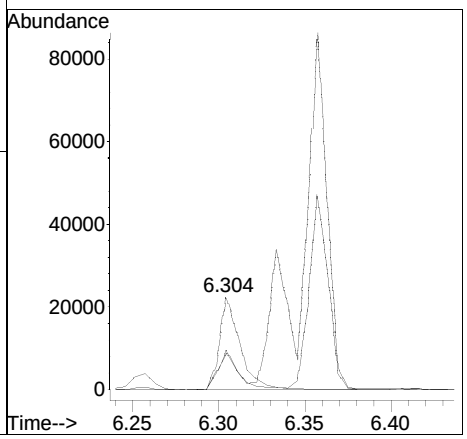


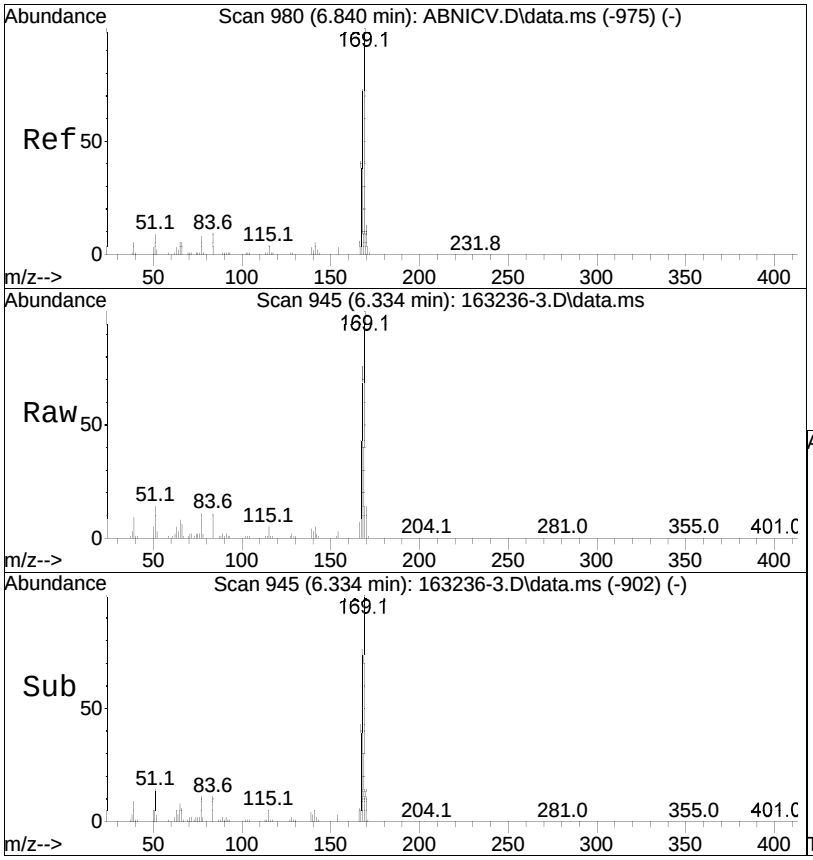


#76
4,6-Dinitro-o-cresol
Concen: 14.78 ug/ml
RT: 6.304 min Scan# 940
Delta R.T. -0.001 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:198 Resp: 19371

Ion	Ratio	Lower	Upper
198	100		
51	36.4	35.0	52.6
105	40.1	32.3	48.5

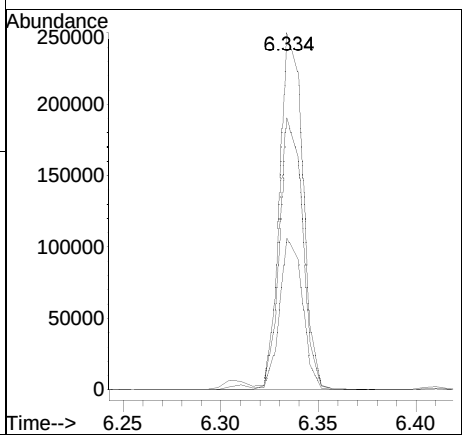


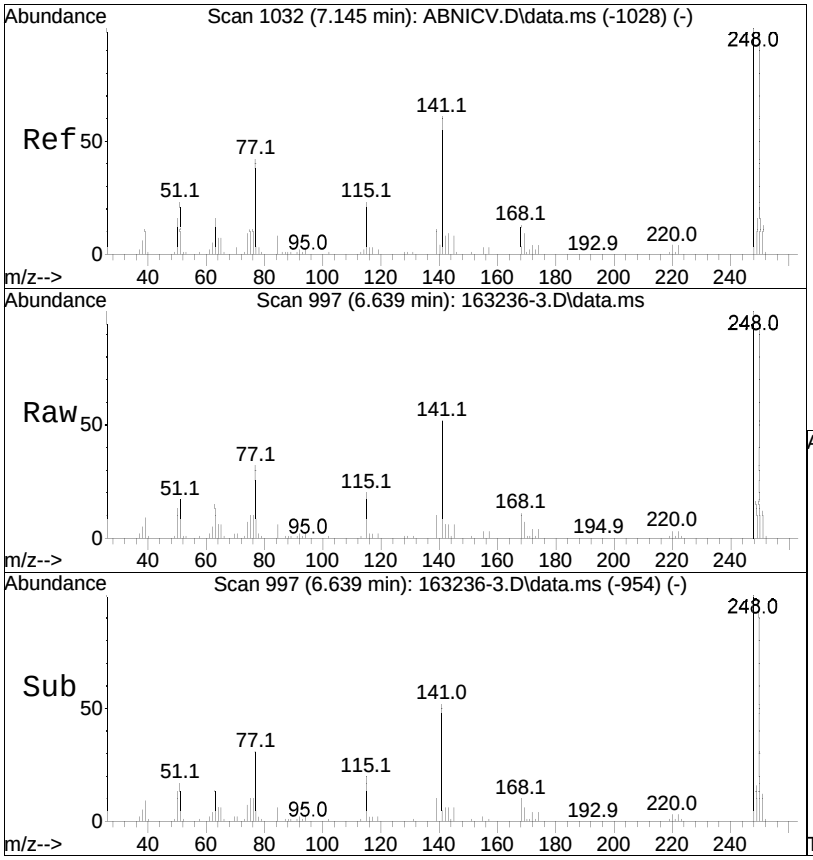


#77
NDPA/DPA
Concen: 32.29 ug/ml
RT: 6.334 min Scan# 945
Delta R.T. -0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:169 Resp: 207593

Ion	Ratio	Lower	Upper
169	100		
168	75.1	54.6	82.0
167	43.4	30.7	46.1

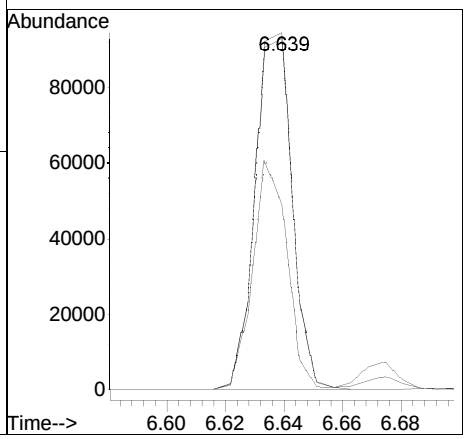


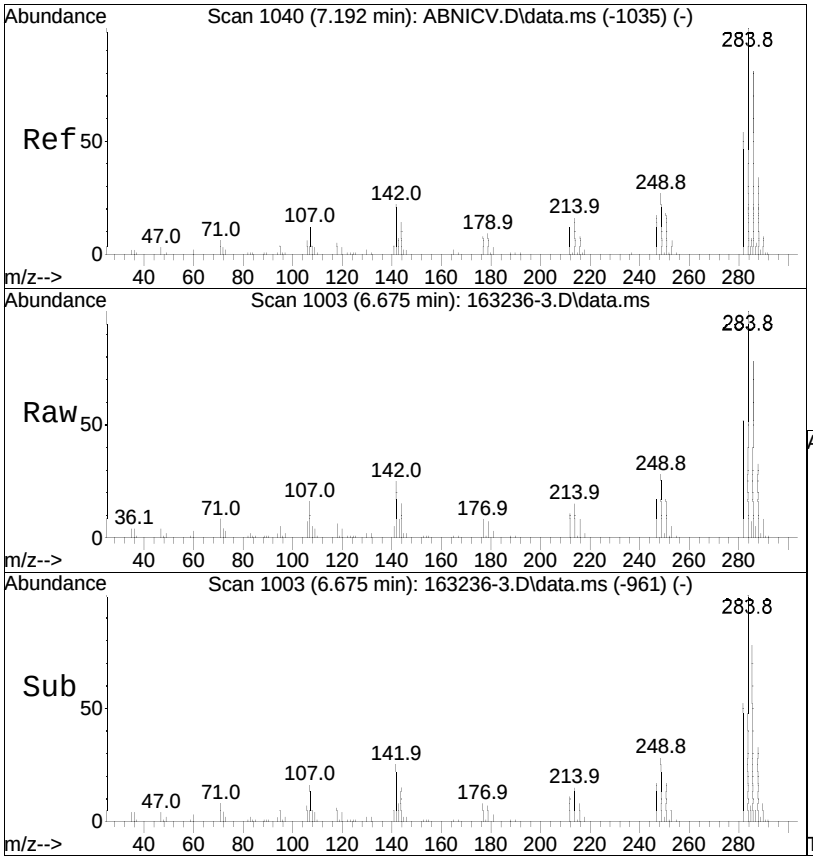


#80
4-Bromophenyl phenyl ether
Concen: 30.51 ug/ml
RT: 6.639 min Scan# 997
Delta R.T. 0.005 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:248 Resp: 83518

Ion	Ratio	Lower	Upper
248	100		
141	59.4	46.6	70.0
250	98.1	79.4	119.2

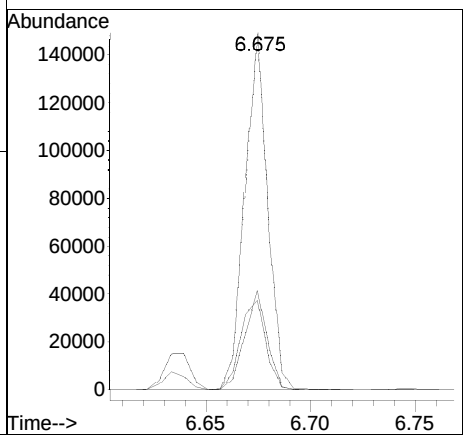


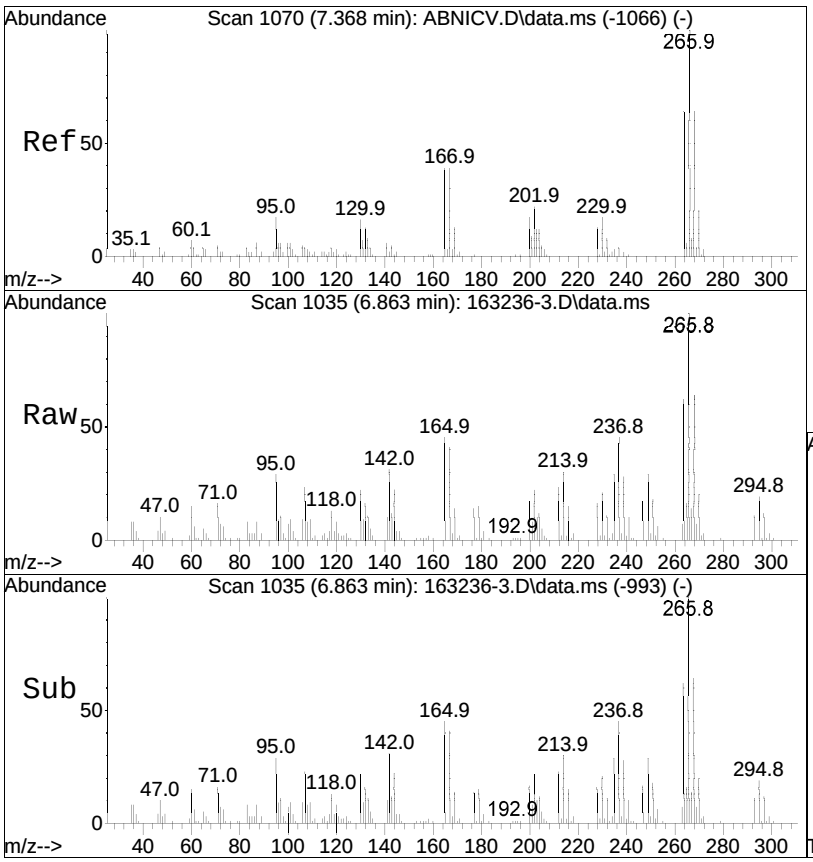


#81
Hexachlorobenzene
Concen: 33.36 ug/ml
RT: 6.675 min Scan# 1003
Delta R.T. -0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:284 Resp: 112363

Ion	Ratio	Lower	Upper
284	100		
142	28.2	26.0	39.0
249	27.5	20.6	30.8

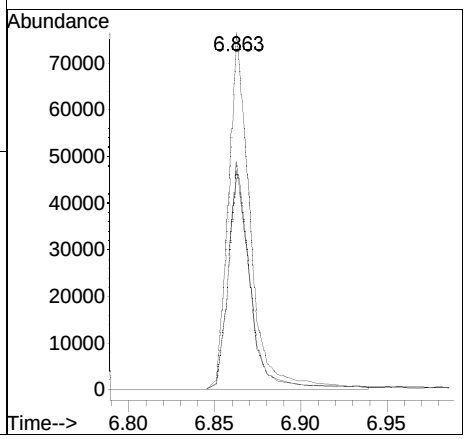


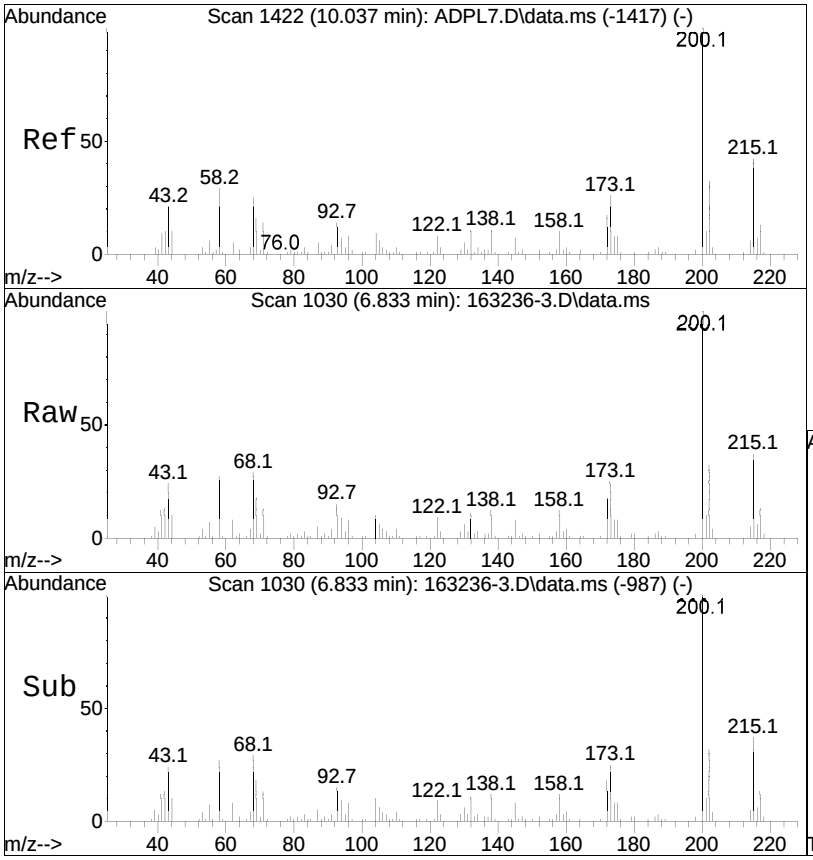


#82
Pentachlorophenol
Concen: 36.50 ug/ml
RT: 6.863 min Scan# 1035
Delta R.T. -0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:266 Resp: 67481

Ion	Ratio	Lower	Upper
266	100		
264	62.2	51.2	76.8
268	64.6	51.5	77.3

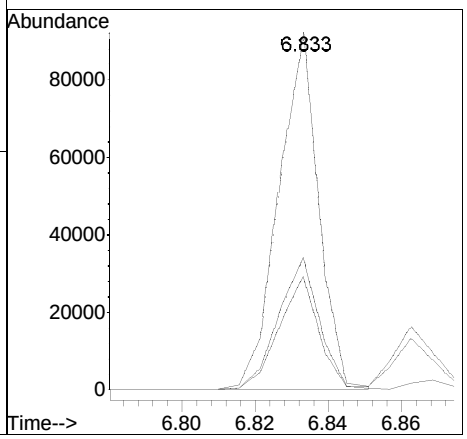


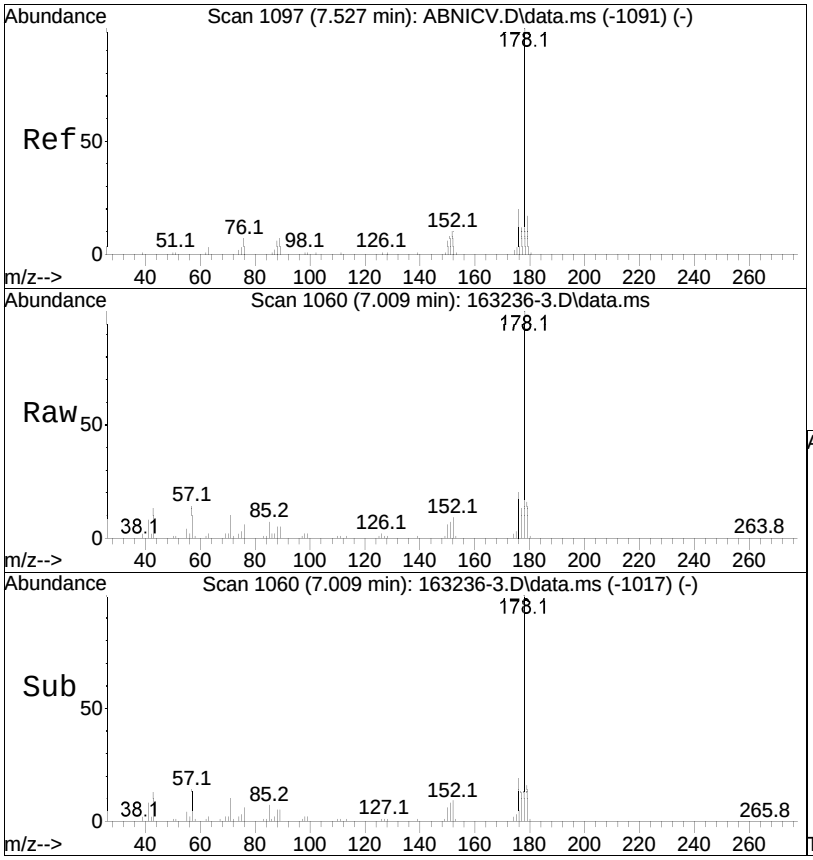


#87
Atrazine
Concen: 29.91 ug/ml
RT: 6.833 min Scan# 1030
Delta R.T. 0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:200 Resp: 69304

Ion	Ratio	Lower	Upper
200	100		
202	31.8	25.8	38.8
215	38.1	40.3	60.5#

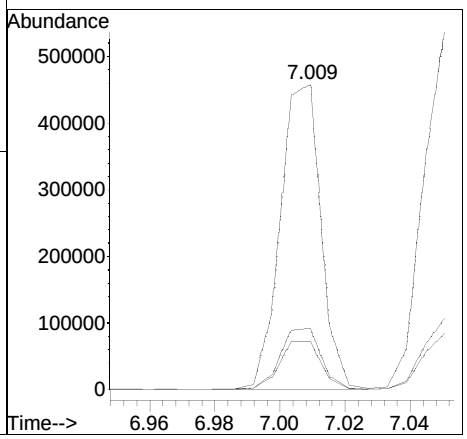


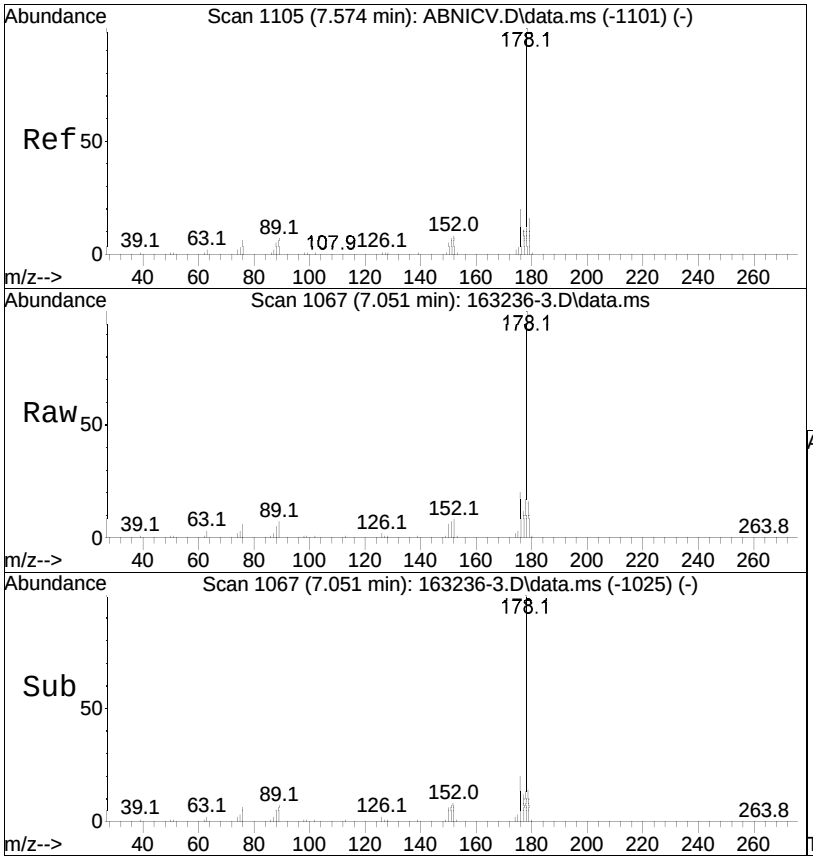


#89
Phenanthrene
Concen: 31.92 ug/ml
RT: 7.009 min Scan# 1060
Delta R.T. 0.005 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:178 Resp: 396833

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.7	19.1
176	20.2	15.8	23.6

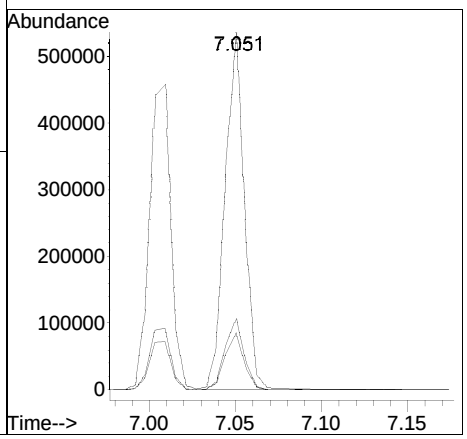


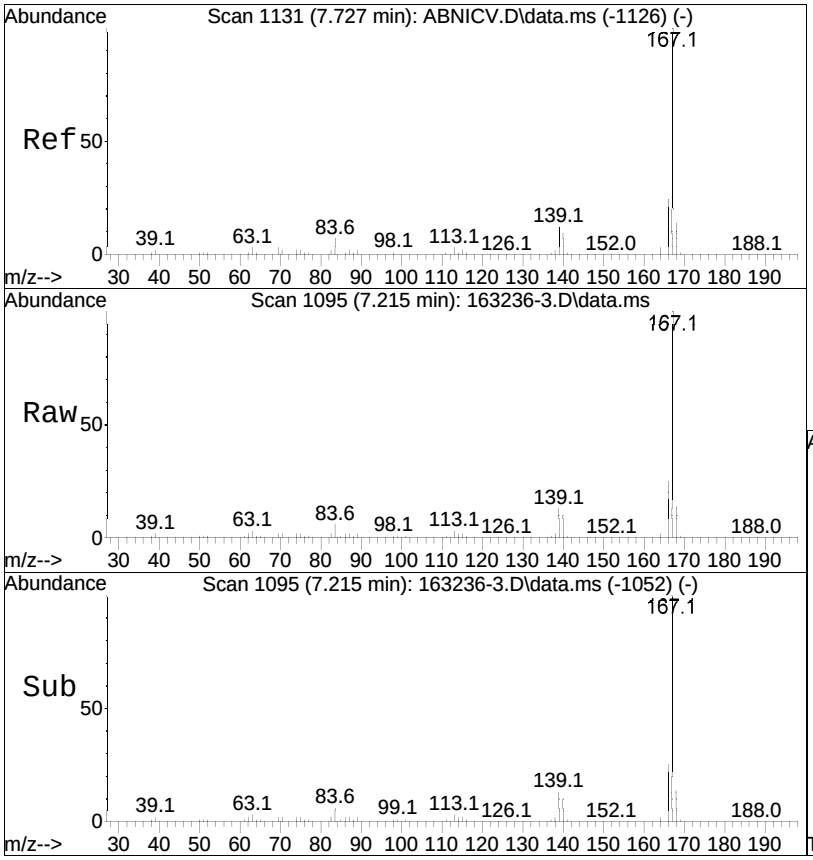


#90
Anthracene
Concen: 33.25 ug/ml
RT: 7.051 min Scan# 1067
Delta R.T. -0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:178 Resp: 415785

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	19.7	15.4	23.0

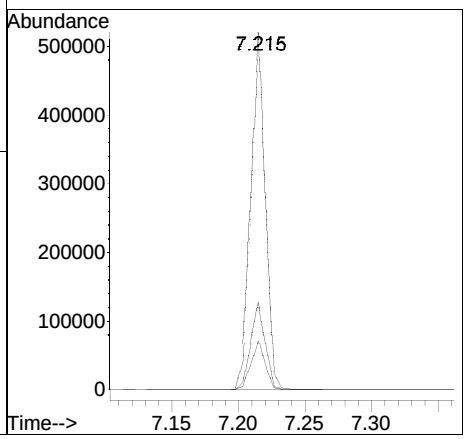


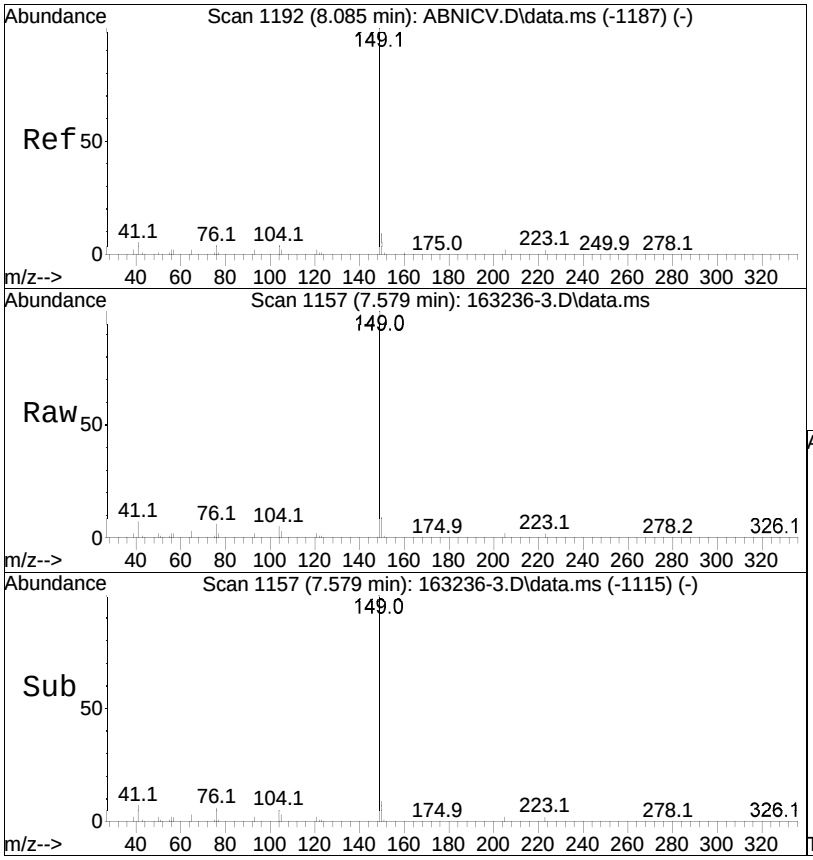


#91
Carbazole
Concen: 33.77 ug/ml
RT: 7.215 min Scan# 1095
Delta R.T. 0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:167 Resp: 388627

Ion	Ratio	Lower	Upper
167	100		
168	14.0	11.3	16.9
166	24.8	17.8	26.8

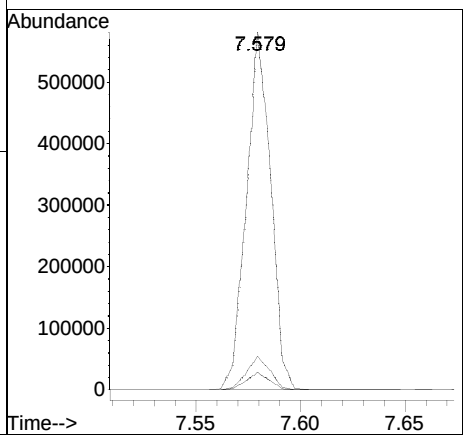


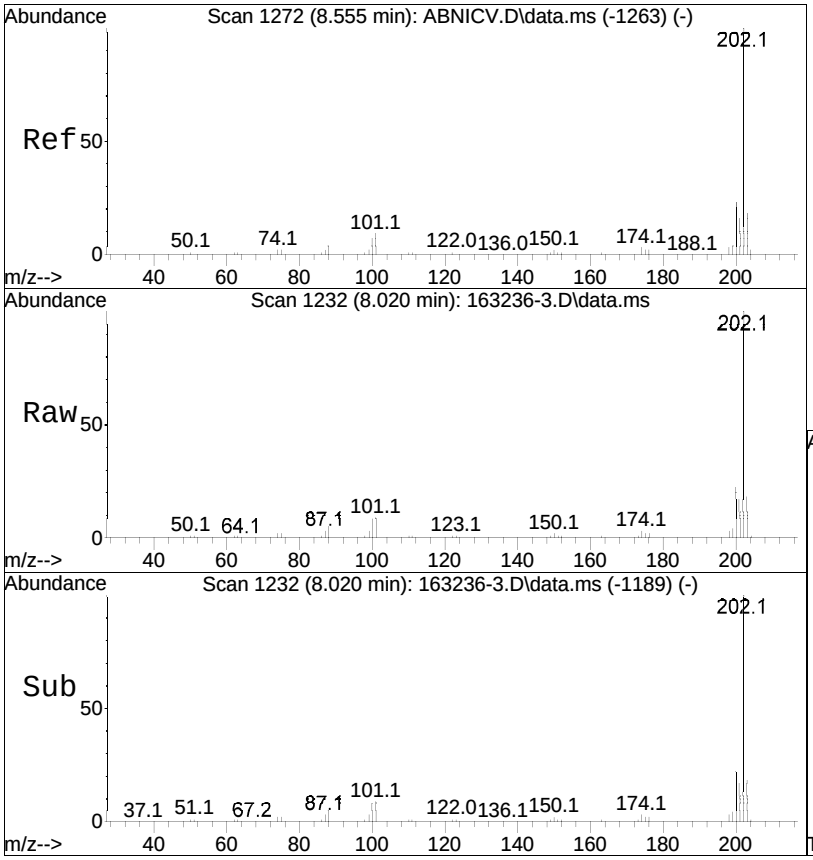


#92
Di-n-butylphthalate
Concen: 35.02 ug/ml
RT: 7.579 min Scan# 1157
Delta R.T. -0.001 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:149 Resp: 461722

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	4.7	3.8	5.8

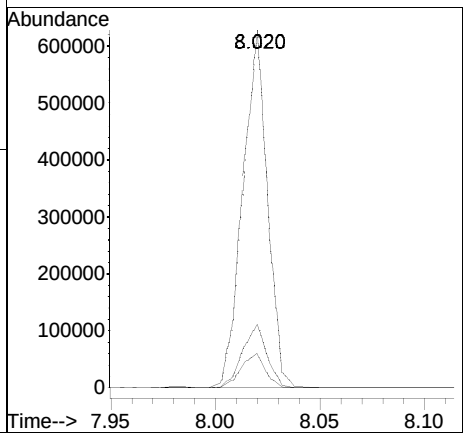


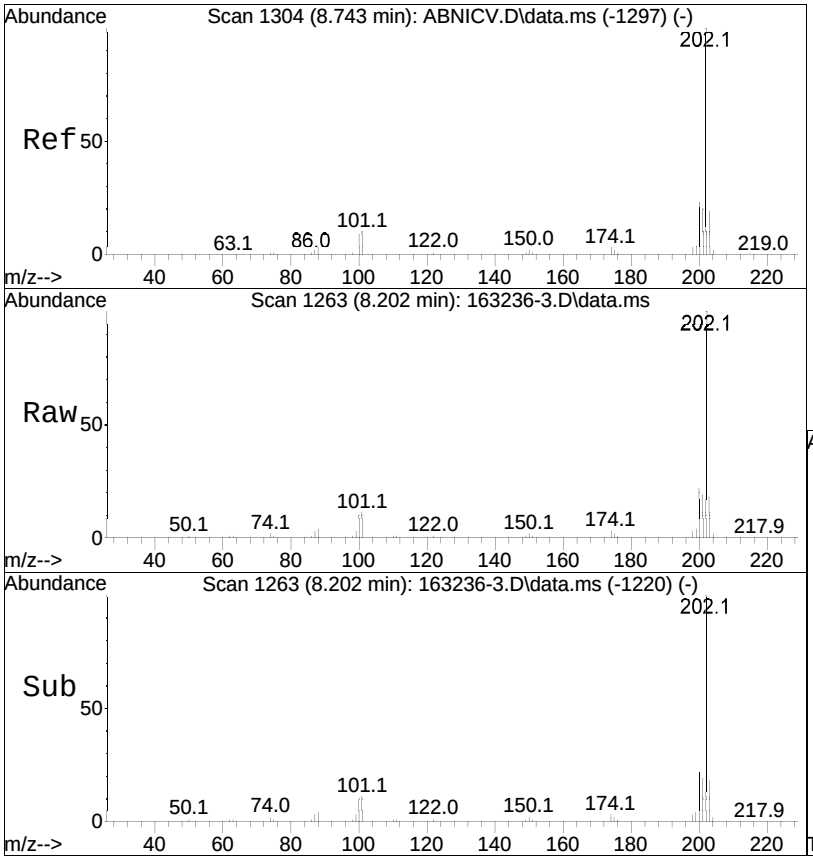


#93
Fluoranthene
Concen: 32.75 ug/ml
RT: 8.020 min Scan# 1232
Delta R.T. 0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:202 Resp: 509673

Ion	Ratio	Lower	Upper
202	100		
101	9.6	12.6	19.0#
203	17.8	14.4	21.6

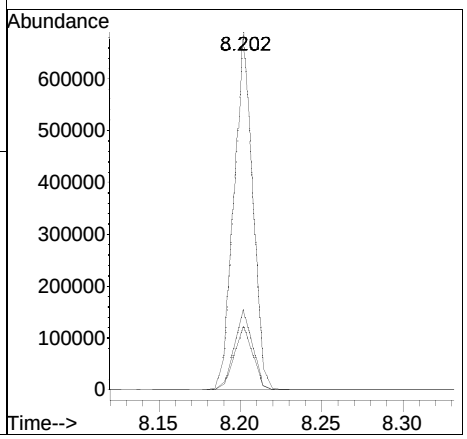


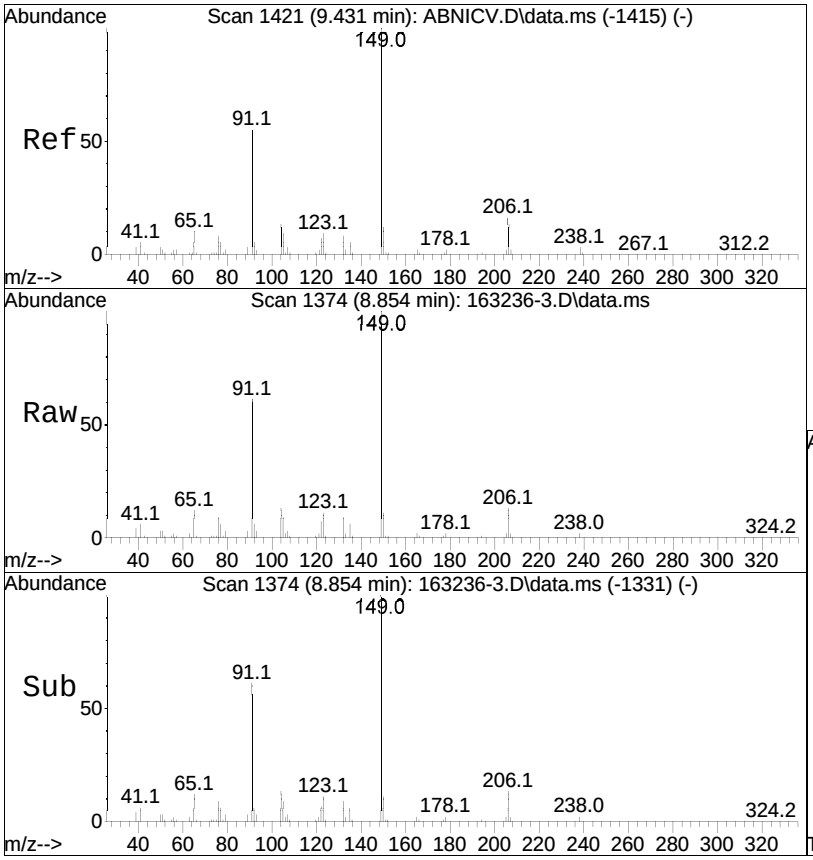


#95
Pyrene
Concen: 33.63 ug/ml
RT: 8.202 min Scan# 1263
Delta R.T. 0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:202 Resp: 546838

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.2	25.8
203	17.9	15.0	22.6

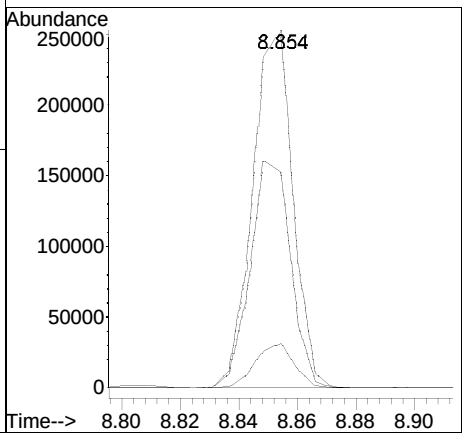


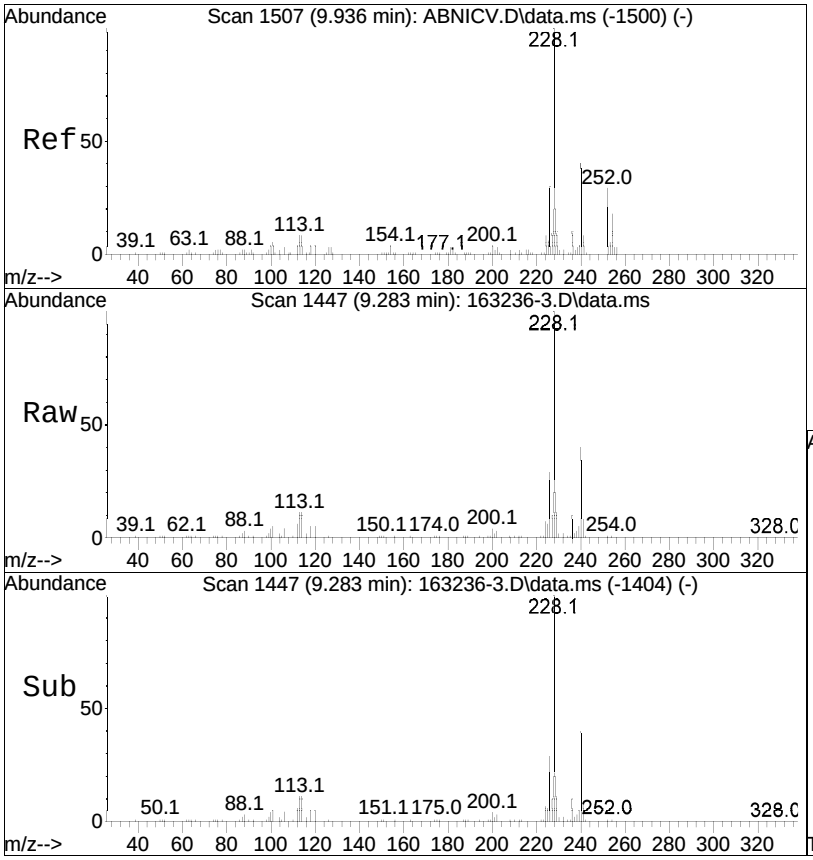


#97
Butyl benzyl phthalate
Concen: 38.10 ug/ml
RT: 8.854 min Scan# 1374
Delta R.T. 0.005 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:149 Resp: 240082

Ion	Ratio	Lower	Upper
149	100		
91	64.1	53.4	80.2
206	12.1	13.3	19.9#

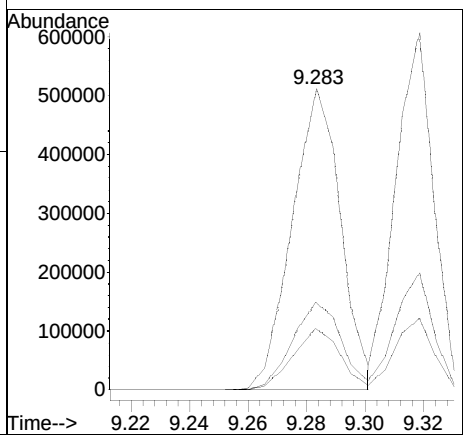


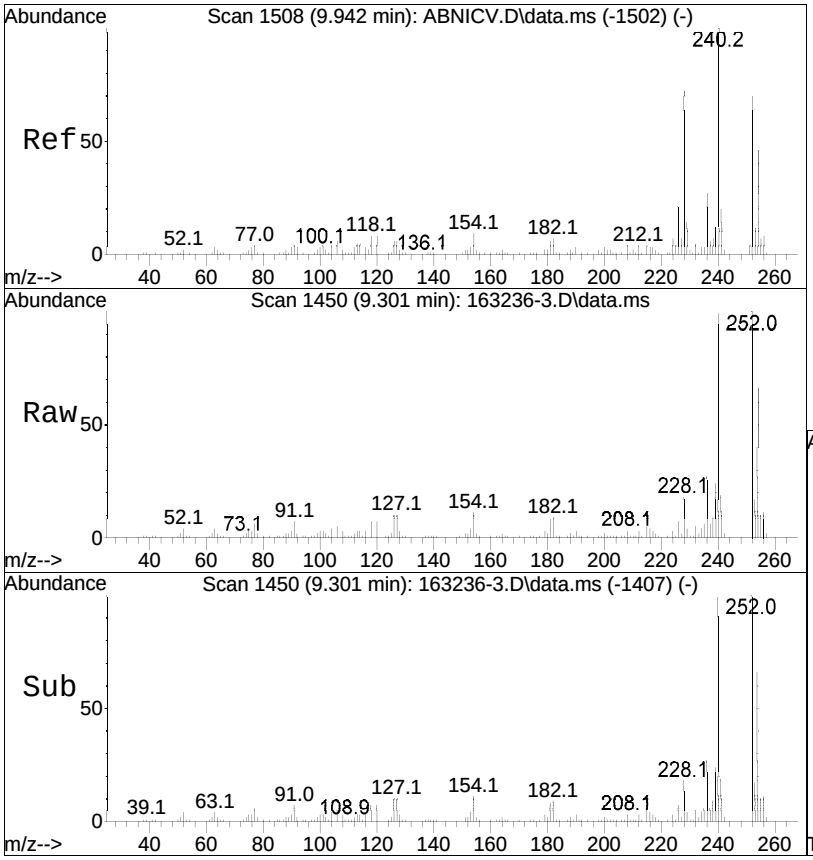


#105
Benzo(a)anthracene
Concen: 33.11 ug/ml
RT: 9.283 min Scan# 1447
Delta R.T. 0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:228 Resp: 590232

Ion	Ratio	Lower	Upper
228	100		
226	29.6	22.9	34.3
229	20.1	16.1	24.1

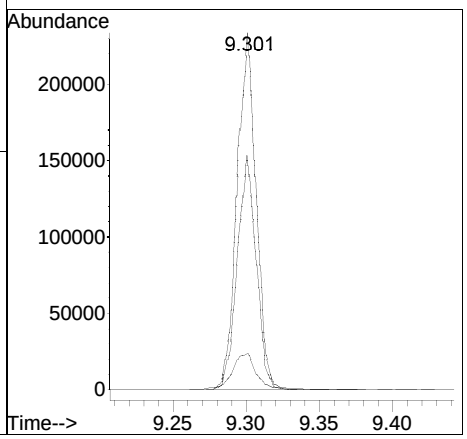


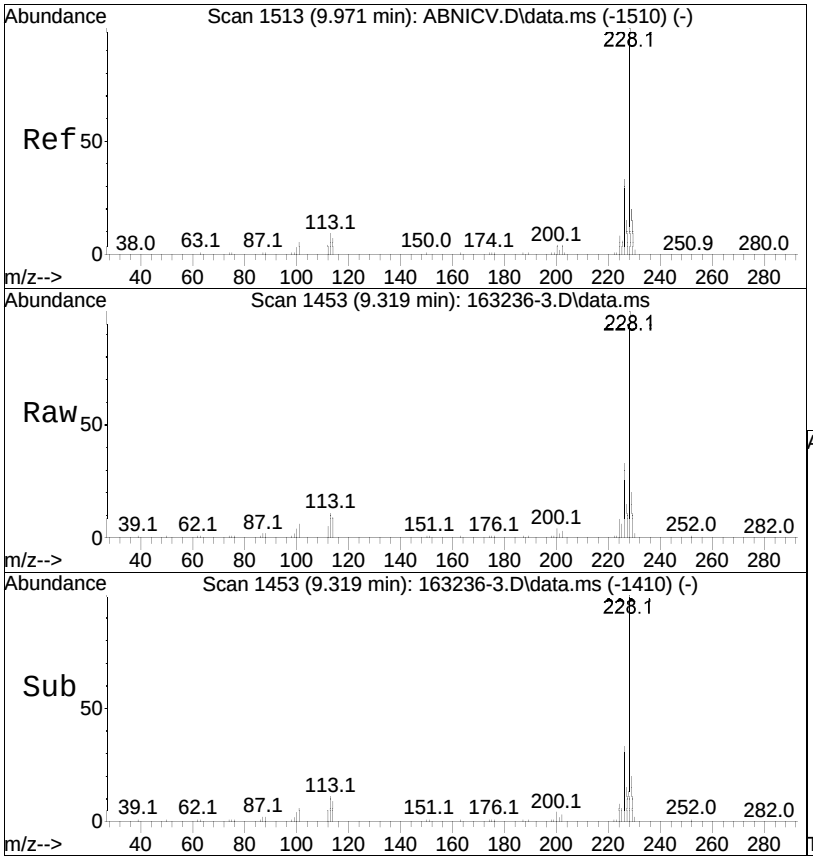


#106
3,3'-Dichlorobenzidine
Concen: 28.44 ug/ml
RT: 9.301 min Scan# 1450
Delta R.T. -0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:252 Resp: 211655

Ion	Ratio	Lower	Upper
252	100		
126	12.9	13.4	20.0#
254	65.1	52.8	79.2

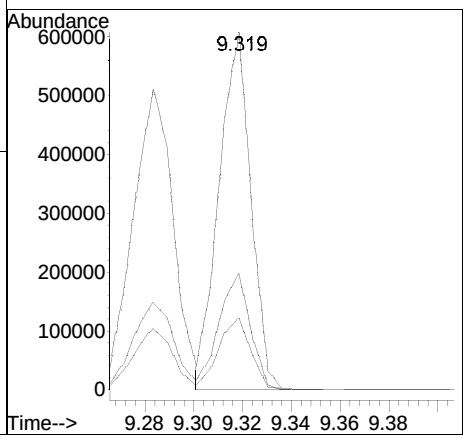


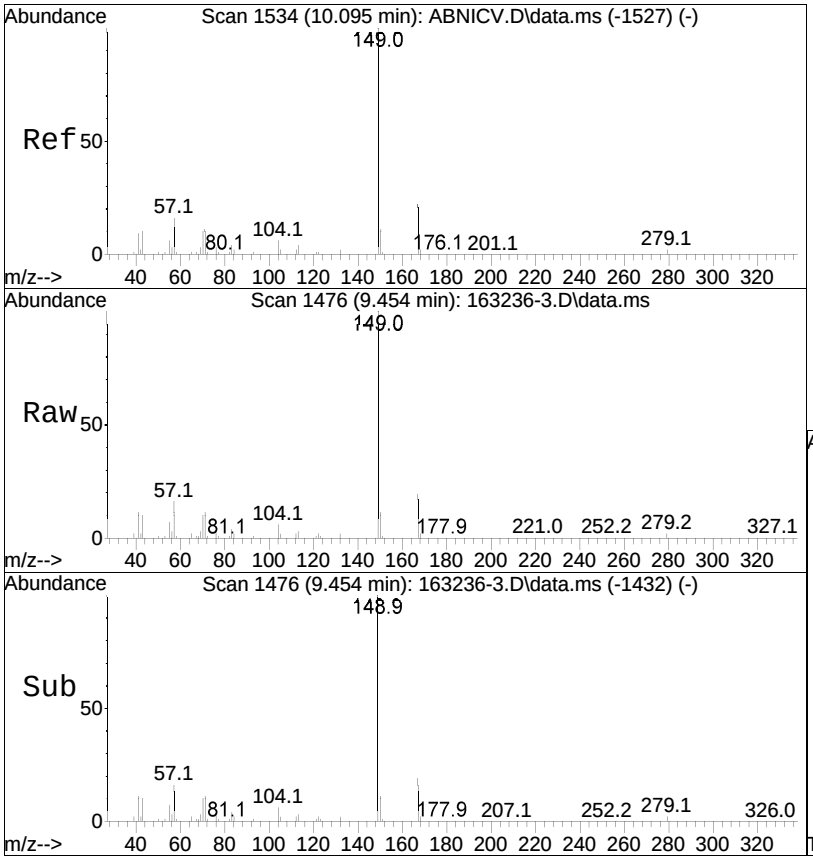


#107
Chrysene
Concen: 33.89 ug/ml
RT: 9.319 min Scan# 1453
Delta R.T. 0.006 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:228 Resp: 547583

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.9	37.3
229	20.3	16.6	24.8

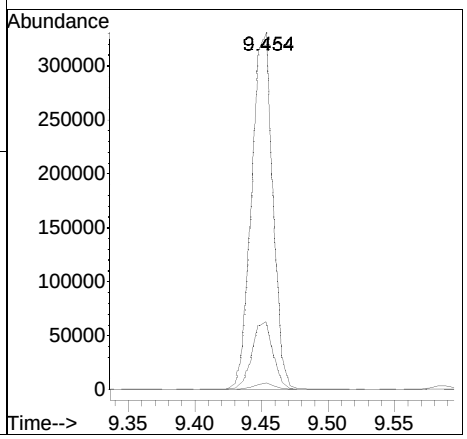


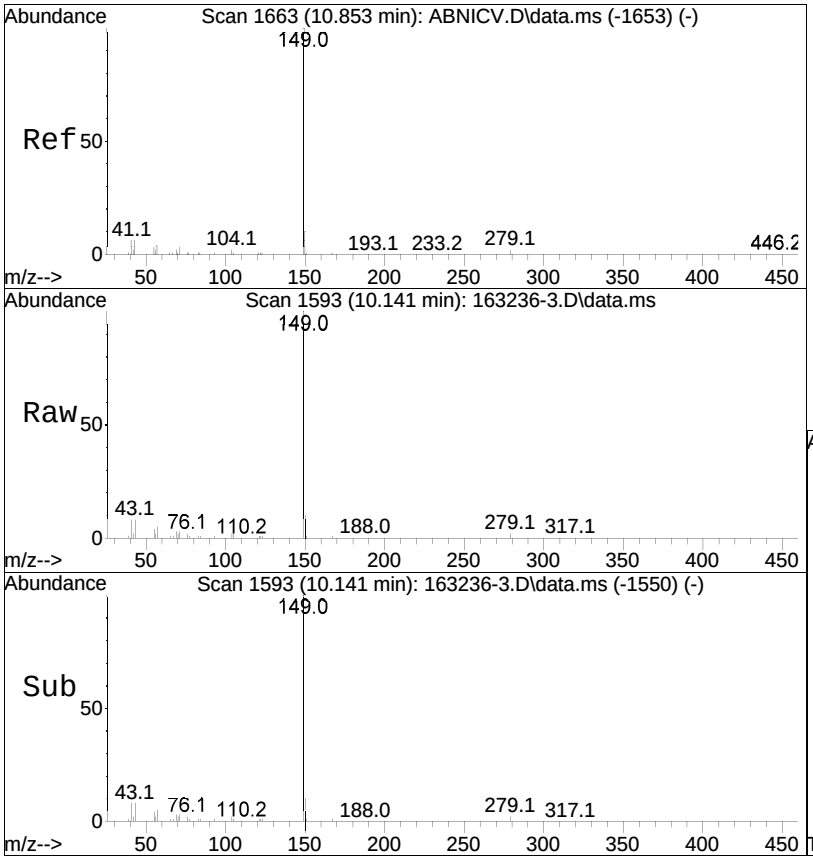


#108
Bis(2-ethylhexyl)phthalate
Concen: 39.49 ug/ml
RT: 9.454 min Scan# 1476
Delta R.T. 0.006 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:149 Resp: 362602

Ion	Ratio	Lower	Upper
149	100		
167	19.1	21.2	31.8#
279	1.6	3.8	5.6#

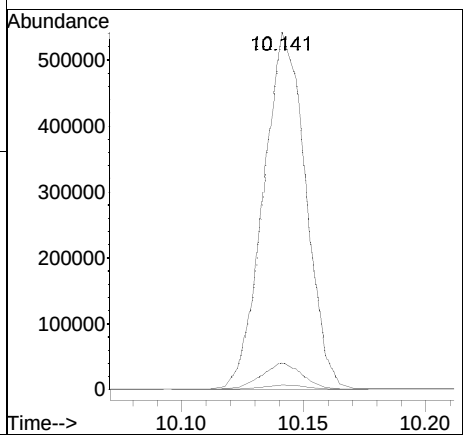


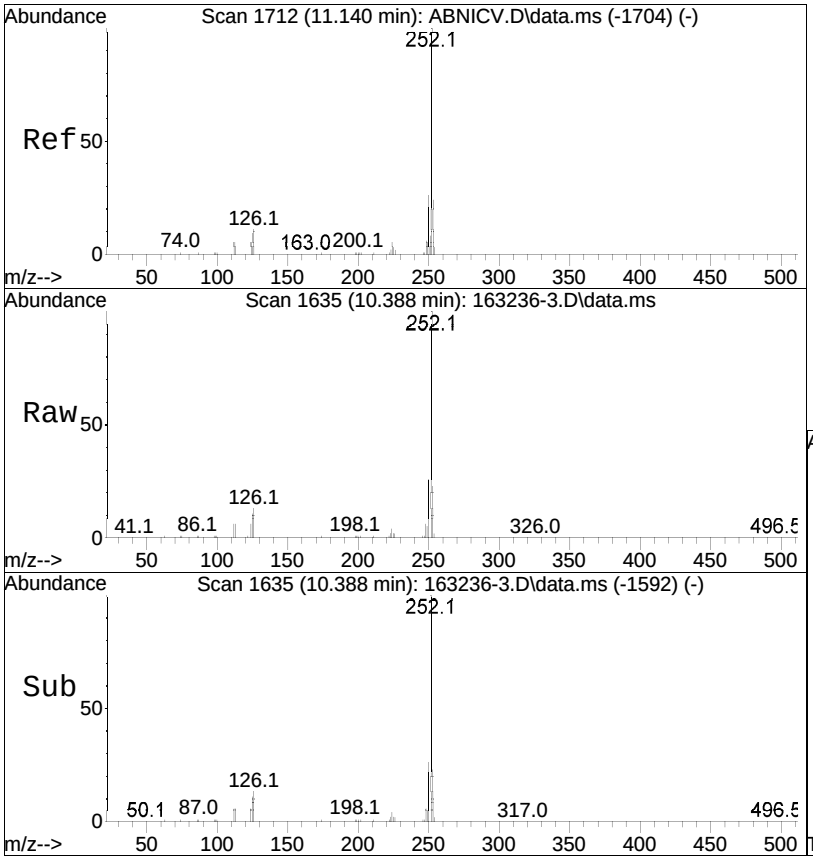


#109
Di-n-octylphthalate
Concen: 39.80 ug/ml
RT: 10.141 min Scan# 1593
Delta R.T. 0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:149 Resp: 648978

Ion	Ratio	Lower	Upper
149	100		
43	7.2	8.0	12.0#
167	1.2	1.0	1.6

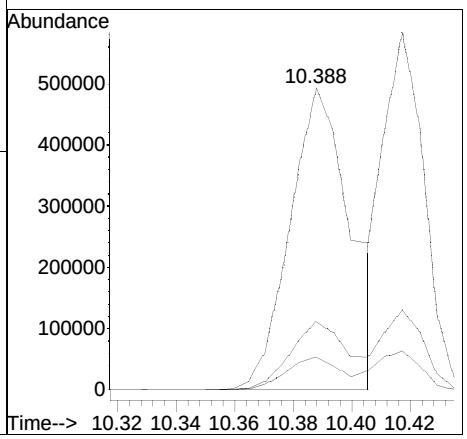


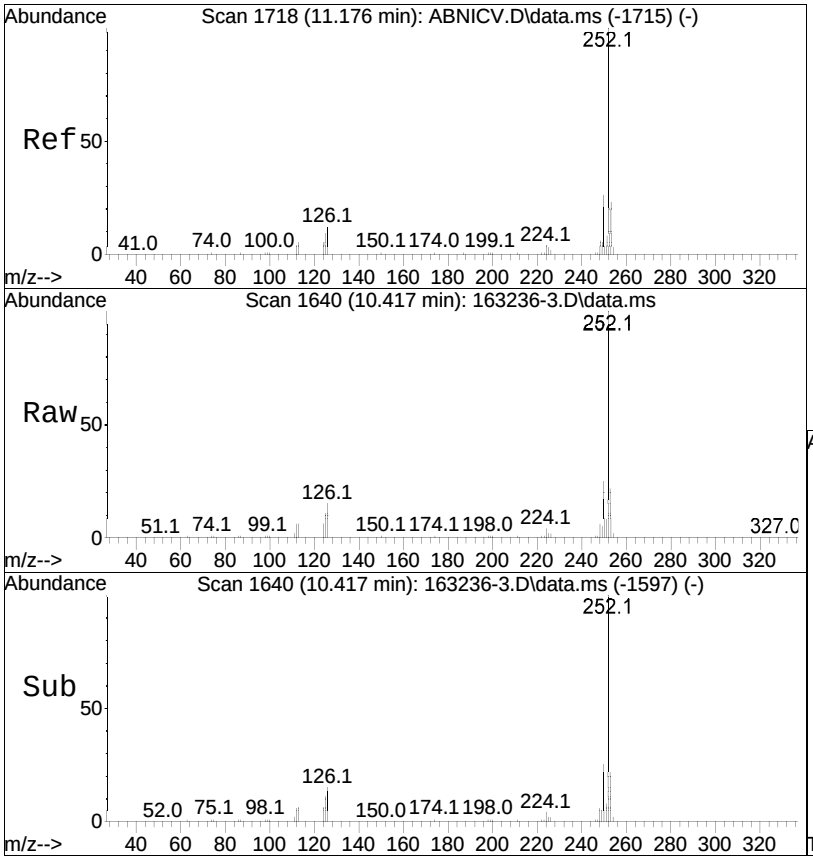


#110
Benzo(b)fluoranthene
Concen: 36.72 ug/ml
RT: 10.388 min Scan# 1635
Delta R.T. -0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:252 Resp: 711588

Ion	Ratio	Lower	Upper
252	100		
125	9.6	12.6	18.8#
253	22.3	18.2	27.2

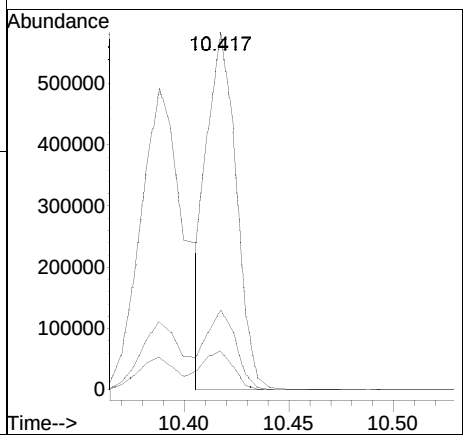


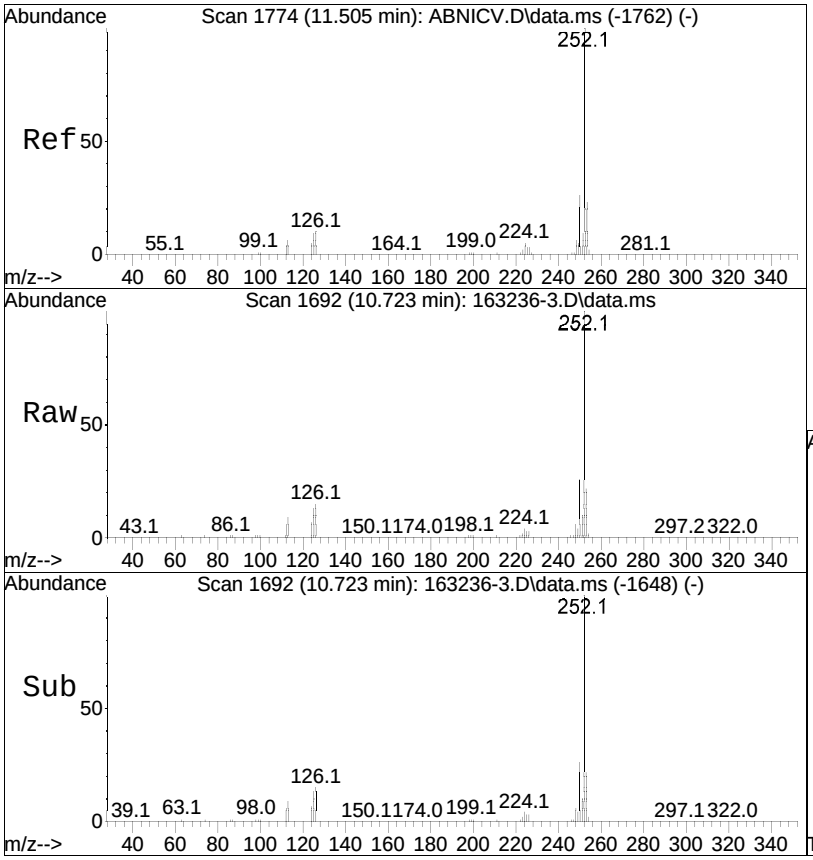


#111
Benzo(k)fluoranthene
Concen: 31.96 ug/ml
RT: 10.417 min Scan# 1640
Delta R.T. 0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:252 Resp: 562166

Ion	Ratio	Lower	Upper
252	100		
125	12.4	12.1	18.1
253	22.0	18.1	27.1

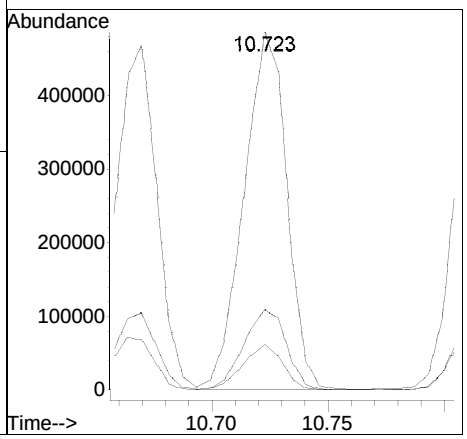


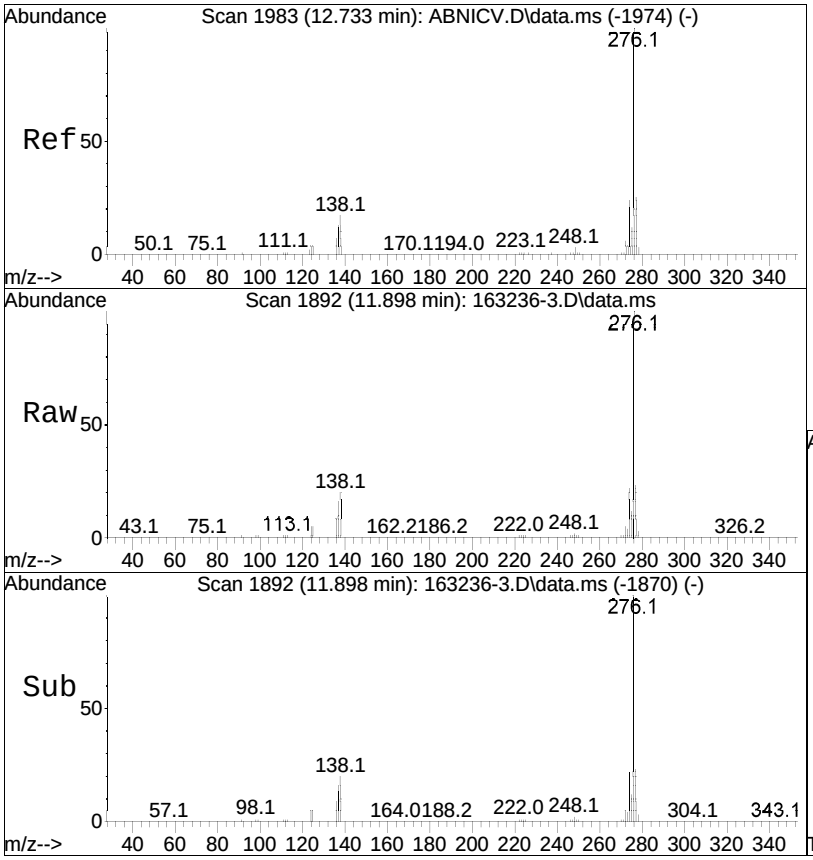


#112
Benzo(a)pyrene
Concen: 34.49 ug/ml M3
RT: 10.723 min Scan# 1692
Delta R.T. 0.006 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:252 Resp: 623462

Ion	Ratio	Lower	Upper
252	100		
125	14.7	13.3	19.9
253	21.0	18.2	27.4

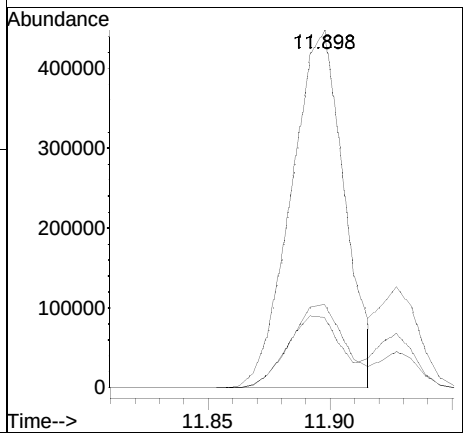


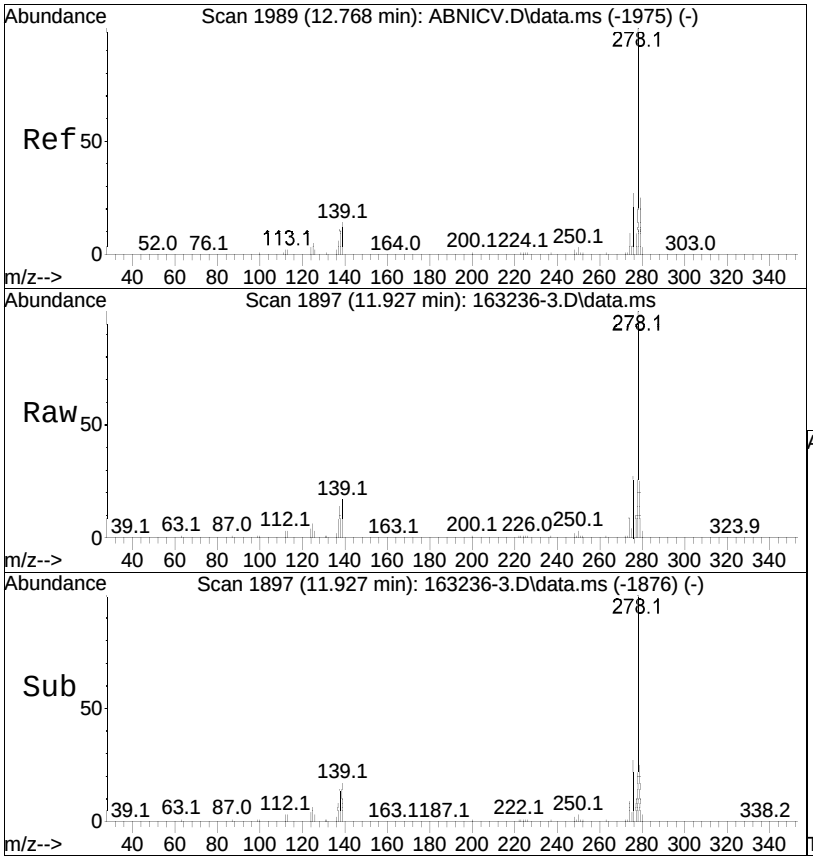


#114
Indeno(1,2,3-cd)pyrene
Concen: 31.36 ug/mL
RT: 11.898 min Scan# 1892
Delta R.T. 0.006 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:276 Resp: 680740

Ion	Ratio	Lower	Upper
276	100		
138	20.6	26.7	40.1#
277	24.4	20.4	30.6

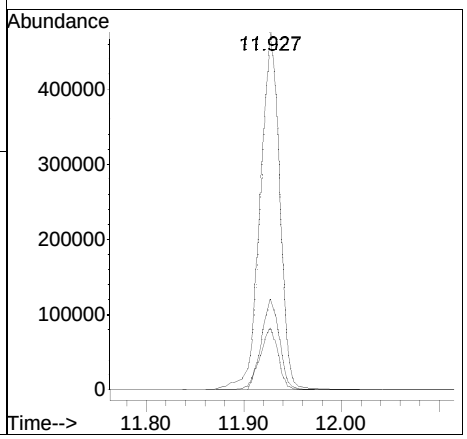


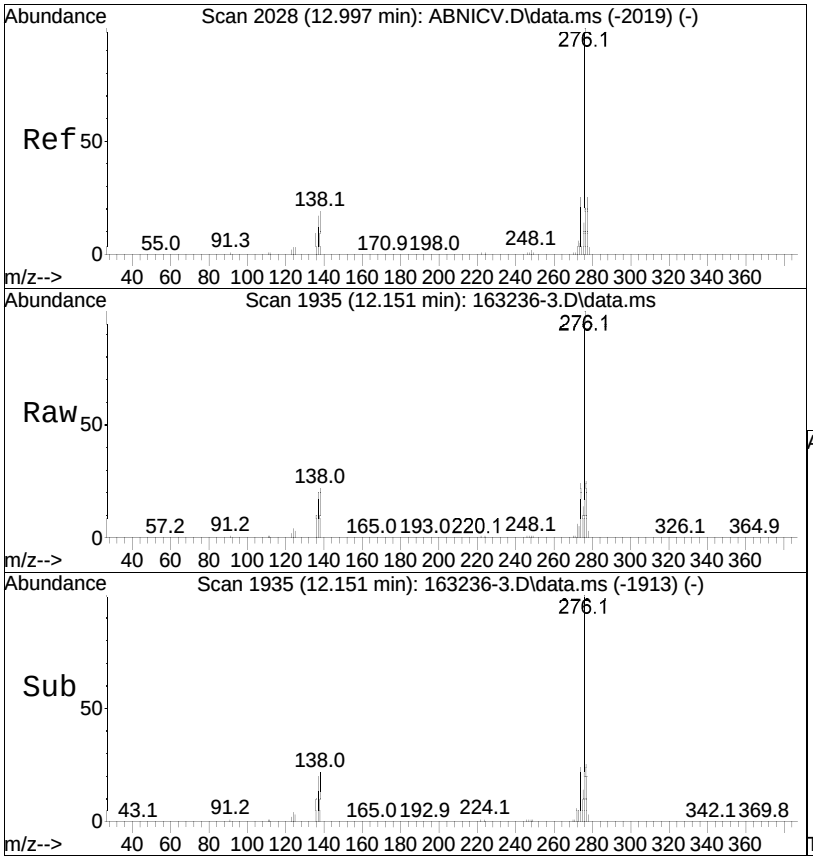


#115
Dibenzo(a,h)anthracene
Concen: 31.39 ug/ml
RT: 11.927 min Scan# 1897
Delta R.T. 0.000 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:278 Resp: 651402

Ion	Ratio	Lower	Upper
278	100		
139	16.2	18.2	27.4#
279	24.2	19.3	28.9

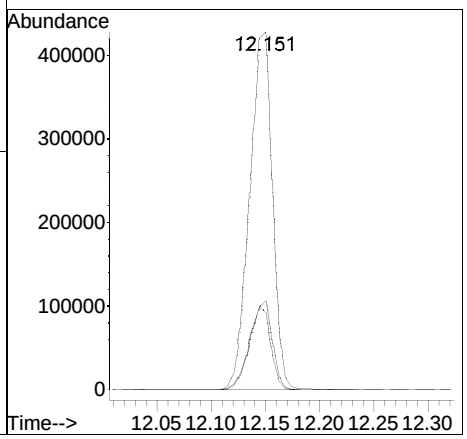




#116
Benzo(ghi)perylene
Concen: 29.95 ug/ml
RT: 12.151 min Scan# 1935
Delta R.T. 0.006 min
Lab File: 163236-3.D
Acq: 9 Jan 2026 3:18 pm

Tgt Ion:276 Resp: 620172

Ion	Ratio	Lower	Upper
276	100		
138	22.5	26.1	39.1#
277	24.3	19.4	29.0

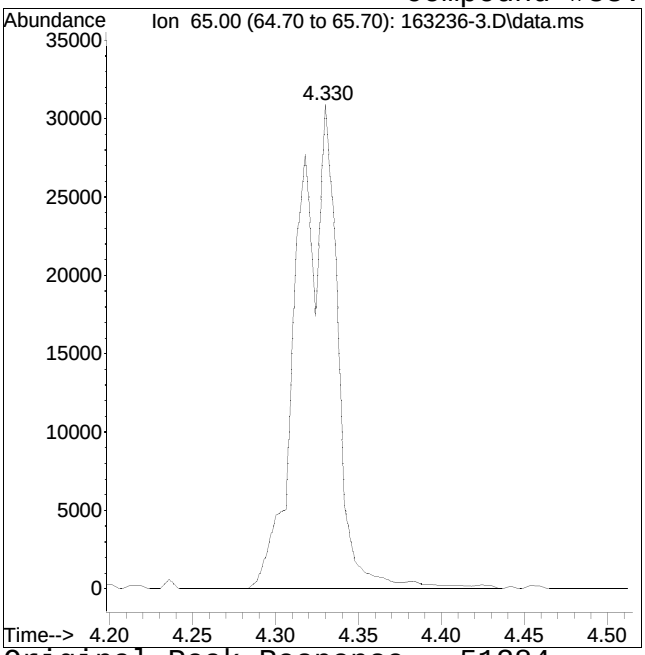


Manual Integration Report

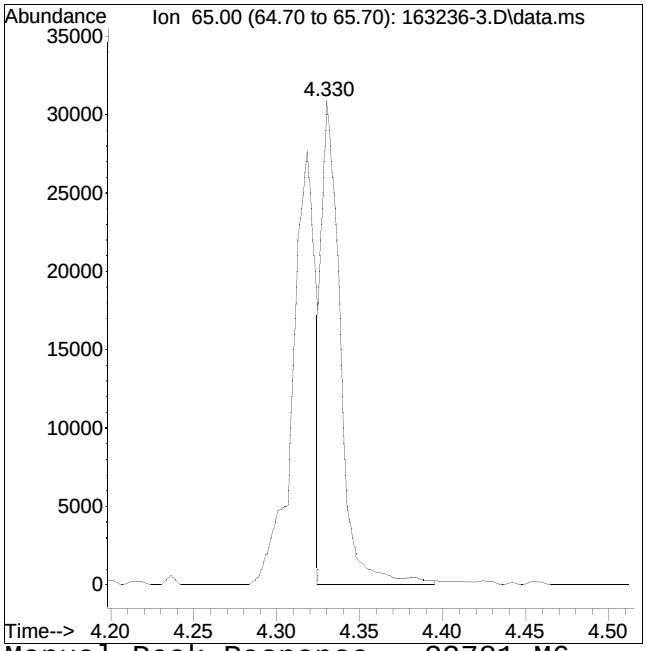
Data Path : I:\8270\Mork\260109\
Data File : 163236-3.D
Date Inj'd : 1/9/2026 3:18 pm
Sample : WG2163236-3,32,,gmr

QMethod : FS251209Mork.m
Operator : Mork:jg
Instrument : Mork
Quant Date : 1/9/2026 3:33 pm

Compound #38: 4-Chloroaniline



Original Peak Response = 51284



Manual Peak Response = 22781 M6

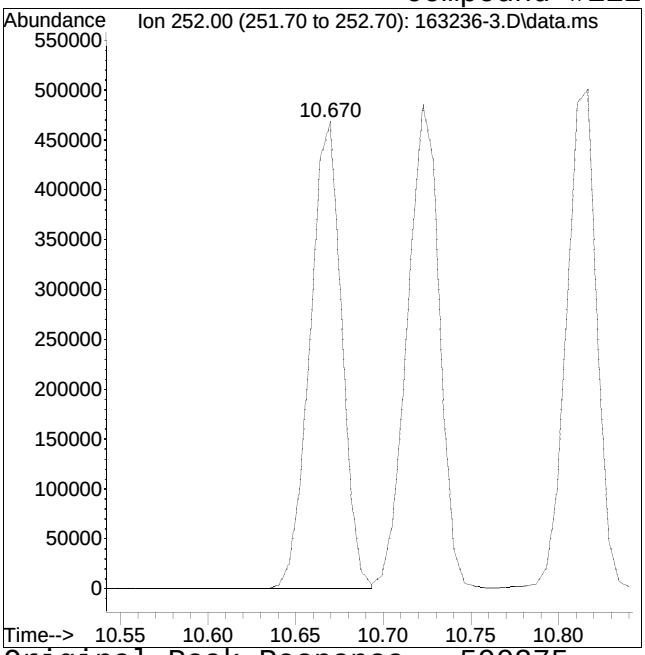
M6 = Misassignment of peak valley by automated integration (poor split of 2 peaks).

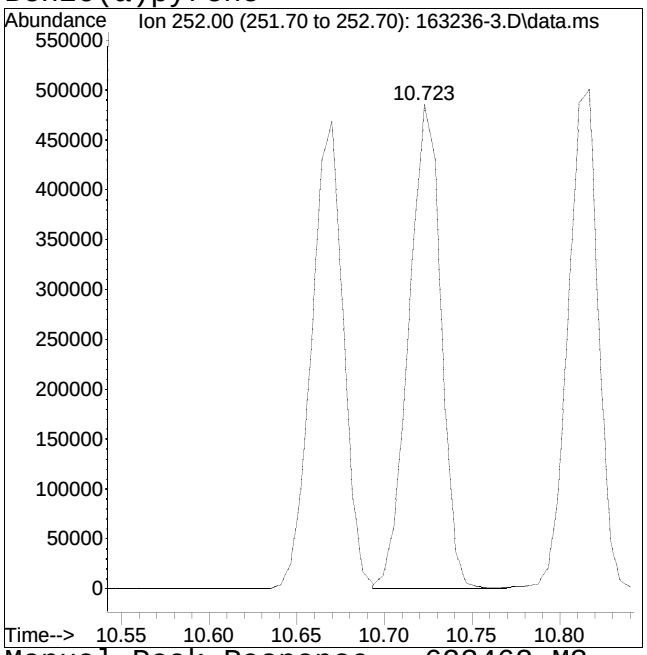
Manual Integration Report

Data Path : I:\8270\Mork\260109\
Data File : 163236-3.D
Date Inj'd : 1/9/2026 3:18 pm
Sample : WG2163236-3,32,,gmr

QMethod : FS251209Mork.m
Operator : Mork:jg
Instrument : Mork
Quant Date : 1/9/2026 3:33 pm

Compound #112: Benzo(a)pyrene





Original Peak Response = 590275 Manual Peak Response = 623462 M3

M3 = Misidentification of the peak (i.e. 1,4-dichlorobenzene identified as 1,3-dichlorobenzene), or misidentification from 2 partially resolved peaks not being split.

Calculation of Semi Volatile Organic Compounds

Aqueous Concentration Formula: Amt * DF * 1000 * (1/Vo) * Vf

Where:
DF = Dilution Factor
Vo = Volume of Sample (mL)
Vf = Extraction Lab Final Volume (mL)

Soil Concentration Formula: Amt * DF * 1000 * (1/Wt) * Vf * (100/TS)
Where:
DF = Dilution Factor
Wt = Weight of Sample (g)
Vf = Extraction Lab Final Volume (mL)
TS = Total Solids

PACE ANALYTICAL SERVICES

PACE WORK GROUP REPORT (wk02)

Jan 10 2026, 09:54 am

Work Group: WG2163236 for Department: 2 Organic Preparation

Created: 09-JAN-26 Due: Operator: FRA

Sample	Client ID	C	Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L2600637-01	AREA05-BOTTOM-01062026	S	NYTCL-8270	SOIL	DONE	U	0120	0112	3C	Glass-A.120
L2600637-02	AREA05-NW-01062026	S	NYTCL-8270	SOIL	DONE	U	0120	0112	3C	Glass-A.120
L2600637-03	AREA05-WW-01062026	S	NYTCL-8270	SOIL	DONE	U	0120	0112	3C	Glass-A.120
L2600637-04	AREA05-SW-01062026	S	NYTCL-8270	SOIL	DONE	U	0120	0112	3C	Glass-A.120
L2600786-01	DW-1	S	NYSUFFOLK-8270	SOIL	DONE	U	0120	0121	S0	Glass-A.25
L2600786-02	DW-2	S	NYSUFFOLK-8270	SOIL	DONE	U	0120	0121	S0	Glass-A.25
L2600786-03	DW-3	S	NYSUFFOLK-8270	SOIL	DONE	U	0120	0121	S0	Glass-A.25
L2600786-04	DW-4	S	NYSUFFOLK-8270	SOIL	DONE	U	0120	0121	S0	Glass-A.25
L2600786-05	DW-5	S	NYSUFFOLK-8270	SOIL	DONE	U	0120	0121	S0	Glass-A.25
L2600786-06	DW-6	S	NYSUFFOLK-8270	SOIL	DONE	U	0120	0121	S0	Glass-A.25
L2600786-07	DW-7	S	NYSUFFOLK-8270	SOIL	DONE	U	0120	0121	S0	Glass-A.25
L2600786-08	DW-8	S	NYSUFFOLK-8270	SOIL	DONE	U	0120	0121	S0	Glass-A.25
L2600786-09	DW-9	S	NYSUFFOLK-8270	SOIL	DONE	U	0120	0121	S0	Glass-A.25
L2600786-10	DW-10	S	NYSUFFOLK-8270	SOIL	DONE	U	0120	0121	S0	Glass-A.25
L2600786-11	ST-1	S	NYSUFFOLK-8270	SOIL	DONE	U	0120	0121	S0	Glass-A.25
L2600786-12	ST-2	S	NYSUFFOLK-8270	SOIL	DONE	U	0120	0121	S0	Glass-A.25
L2600786-13	CP	S	NYSUFFOLK-8270	SOIL	DONE	U	0120	0121	S0	Glass-A.25
WG2163236-1	Laboratory Method Bl	S	NYSUFFOLK-8270	SOIL	DONE	U				
WG2163236-1	Laboratory Method Bl	S	NYTCL-8270	SOIL	DONE	U				
WG2163236-2	Laboratory Control S	S	NYSUFFOLK-8270	SOIL	DONE	U				
WG2163236-2	Laboratory Control S	S	NYTCL-8270	SOIL	DONE	U				
WG2163236-3	LCS Duplicate	S	NYSUFFOLK-8270	SOIL	DONE	U				
WG2163236-3	LCS Duplicate	S	NYTCL-8270	SOIL	DONE	U				

Comments:

WG2163236-3 WG2163236-2

Dep.: GCMS
Inst: **MORK**
Date: **12/09/25**
Run: **ical**

Method
GC: ABN_RUN

Seq: **WG**
ICAL:

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	initials
100	Tune1	Tune Lot# 12051				
1	ABNL10	IL1,32,,ABNL200 Lot# 12058				
2	ABNL9	IL2,32,,ABNL150 Lot# 12127				
3	ABNL8	IL3,32,,ABNL100 Lot# 12128				
4	ABNL7	IL4,32,,ABNL50 Lot# 12129				
5	ABNL6	IL5,32,,ABNL25 Lot# 12130				
6	ABNL5	IL6,32,,ABNL10 Lot# 12131				
7	ABNL4	IL7,32,,ABNL5 Lot# 12132				
8	ABNL3	IL8,32,,ABNL3 Lot# 12133				
9	ABNL2	IL9,32,,ABNL2 Lot# 12134				
10	ABNL1	IL10,32,,ABNL1 Lot# 12135				
11	AP9L10	IL11,32,,AP9L200 Lot# 12103				
12	AP9L9	IL12,32,,AP9L150 Lot# 12104				
13	AP9L8	IL13,32,,AP9L100 Lot# 12105				
14	AP9L7	IL14,32,,AP9L50 Lot# 12106				
15	AP9L6	IL15,32,,AP9L25 Lot# 12107				
16	AP9L5	IL16,32,,AP9L10 Lot# 12108				
17	AP9L4	IL17,32,,AP9L5 Lot# 12109				
18	AP9L3	IL18,32,,AP9L3 Lot# 12110				
19	AP9L2	IL19,32,,AP9L2 Lot# 12111				
20	AP9L1	IL20,32,,AP9L1 Lot# 12112				
21	ABNICV	CQICV1,32,,ABNICV Lot# 12049				
22	AP9ICV	CQICV2,32,,AP9ICV Lot# 12055				
100	Tune2	Tune Lot#12051				
23	ADPL10	IL21,32,,ADPL200 Lot# 12113				
24	ADPL9	IL22,32,,ADPL150 Lot# 12114				
25	ADPL8	IL23,32,,ADPL100 Lot# 12115				
26	ADPL7	IL24,32,,ADPL50 Lot# 12116				
27	ADPL6	IL25,32,,ADPL25 Lot# 12117				
28	ADPL5	IL26,32,,ADPL10 Lot# 12118				
29	ADPL4	IL27,32,,ADPL5 Lot# 12119				
30	ADPL3	IL28,32,,ADPL3 Lot# 12120				
31	ADPL2	IL29,32,,ADPL2 Lot# 12121				
32	ADPL1	IL30,32,,ADPL0.5 Lot# 12122				
33	ADPICV	CQICV3,32,,ADPICV Lot# 12056				
34	BLK	Instrument Blank			**mrg**	
					sv-gmr	

Dep.: GCMS
Inst: **MORK**
Date: **01/09/26**
Run:

Method
GC: ABN_RUN

Seq: **WG2163439**
ICAL: 22888

Vial	Data File	Sample	CCAL/Notes	Screen	Verified	initials
100	DEG0109	wg-1,32,,Mork Degdftpp Lot # 12172				1/9jg
96	ABN0109	wg-3,32,,ABN 12168 gmr1227C	**Full List**			1/9jg
97	AP90109	wg-4,32,,AP9 12053 gmr1227C				1/9jg
98	ADP0109	wg-5,32,,ADP 12023 gmr1227C				1/9jg
1	163270-1	WG2163270-1,32,,gmr				1/9jg
2	163270-2	WG2163270-2,32,,gmr				1/9jg
3	163270-3	WG2163270-3,32,,gmr				1/9jg
4	01086-01	L2601086-01,32,,R1A,gmr				1/9jg
5	01086-02	L2601086-02,32,,R1A,gmr				1/9jg
6	01086-03	L2601086-03,32,,R1A,gmr				1/9jg
7	01086-04	L2601086-04,32,,R1A,gmr				1/9jg
8	01086-05	L2601086-05,32,,R1A,gmr	rv low IS			1/9jg
9	01086-06	L2601086-06,32,,R1A,gmr	rv low IS			1/9jg
10	01086-07	L2601086-07,32,,R1A,gmr				1/9jg
11	163236-2	WG2163236-2,32,,gmr				1/9jg
12	1086-05	L2601086-05,32,,rv,smz				1/9jg
13	1086-06	L2601086-06,32,,rv,smz				1/9jg
14	163236-3	WG2163236-3,32,,gmr				1/9jg
15	163236-1	WG2163236-1,32,,gmr				1/9jg
16	00637-01	L2600637-01,32,,R3C,gmr				1/9jg
17	00637-02	L2600637-02,32,,R3C,gmr				1/9jg
18	00637-03	L2600637-03,32,,R3C,gmr				1/9jg
19	00637-04	L2600637-04,32,,R3C,gmr				1/9jg
20	00786-01	L2600786-01,32,,gmr				
21	00786-02	L2600786-02,32,,gmr				
22	00786-03	L2600786-03,32,,gmr				
23	00786-04	L2600786-04,32,,gmr				
24	00786-06	L2600786-06,32,,gmr				
25	00786-07	L2600786-07,32,,gmr				
26	00786-08	L2600786-08,32,,gmr				
27	00786-09	L2600786-09,32,,gmr				
28	00786-10	L2600786-10,32,,gmr				
29	00786-11	L2600786-11,32,,gmr				
30	00786-12	L2600786-12,32,,gmr				
31	00786-13	L2600786-13,32,,gmr				
32	00786-05	L2600786-05,32,,gmr			**smz**	
					sv jg	

ORGANIC ELN REPORT

Workgroup: WG2163236

Prep Method: EPA 3546
Solvent Type: DCM
Surrogate Type: ABN
Spike Type: ABN
Spike Verify by: JOA
Lims Spikelot: 8270-USAC2
Lot #: EL326
Lot #: 12190AX,05/31/2026,4L,50,0
Lot #: 12182AB,03/31/2026,5R,25,712

Additional Reagents/Stds

Ottawa Sand	253962

Conc.Method: Buchi
Solvent Type: DCM
Lot #: EL326

Additional Reagents/Stds

Cleanup 1

Cleanup Method 1:
Cleanup Method 2:
Solvent Type:
Lot #:

Additional Reagents/Stds

Sample/ Type	Extraction								Concentration			
	Extract Date	Analyst	Sample Weight g	Balance Id	Surr Amt ml	Spike Amt ml	Extract Unit Id	Stop Date/Time	Conc Date	Analyst	Final Vol ml	Conc Unit
L2600637-01 SOIL	01/09/26 01:26	John Awuah	30.12	60	1		MW11	N/A	01/09/26 06:07	Shaylee Amidon	1	3/M
L2600637-02 SOIL	01/09/26 01:26	John Awuah	30.60	60	1		MW11	N/A	01/09/26 06:07	Shaylee Amidon	1	3/M
L2600637-03 SOIL	01/09/26 01:26	John Awuah	30.50	60	1		MW11	N/A	01/09/26 06:07	Shaylee Amidon	1	3/M
L2600637-04 SOIL	01/09/26 01:26	John Awuah	30.71	60	1		MW11	N/A	01/09/26 06:07	Shaylee Amidon	1	3/M
L2600786-01 SOIL	01/09/26 01:26	John Awuah	30.15	60	1		MW11	N/A	01/09/26 06:07	Shaylee Amidon	1	3/M
L2600786-02 SOIL	01/09/26 01:26	John Awuah	30.18	60	1		MW11	N/A	01/09/26 06:07	Shaylee Amidon	1	3/M
L2600786-03 SOIL	01/09/26 01:26	John Awuah	30.06	60	1		MW11	N/A	01/09/26 06:07	Shaylee Amidon	1	3/M

Reported: 10-JAN-26 09:54 AM

ORGANIC ELN REPORT

Workgroup: WG2163236

Sample/ Type	Extraction								Concentration			
	Extract Date	Analyst	Sample Weight g	Balance Id	Surr Amt ml	Spike Amt ml	Extract Unit Id	Stop Date/Time	Conc Date	Analyst	Final Vol ml	Conc Unit
L2600786-04 SOIL	01/09/26 01:26	John Awuah	30.65	60	1		MW11	N/A	01/09/26 06:07	Shaylee Amidon	1	3/M
L2600786-05 SOIL	01/09/26 01:26	John Awuah	30.48	60	1		MW11	N/A	01/09/26 10:05	Menrva Asaad	1	3
L2600786-06 SOIL	01/09/26 01:26	John Awuah	30.06	60	1		MW11	N/A	01/09/26 06:07	Shaylee Amidon	1	3/M
L2600786-07 SOIL	01/09/26 01:26	John Awuah	30.78	60	1		MW11	N/A	01/09/26 06:07	Shaylee Amidon	1	3/M
L2600786-08 SOIL	01/09/26 01:26	John Awuah	30.60	60	1		MW11	N/A	01/09/26 06:07	Shaylee Amidon	1	3/M
L2600786-09 SOIL	01/09/26 01:26	John Awuah	30.21	60	1		MW11	N/A	01/09/26 06:07	Shaylee Amidon	1	3/M
L2600786-10 SOIL	01/09/26 01:26	John Awuah	30.19	60	1		MW11	N/A	01/09/26 06:07	Shaylee Amidon	1	3/M
L2600786-11 SOIL	01/09/26 01:26	John Awuah	30.86	60	1		MW11	N/A	01/09/26 06:07	Shaylee Amidon	1	3/M
L2600786-12 SOIL	01/09/26 01:26	John Awuah	30.14	60	1		MW11	N/A	01/09/26 06:07	Shaylee Amidon	1	3/M
L2600786-13 SOIL	01/09/26 01:26	John Awuah	30.65	60	1		MW11	N/A	01/09/26 06:07	Shaylee Amidon	1	3/M

ORGANIC ELN REPORT

Workgroup: WG2163236

Sample/ Type	Extraction								Concentration			
	Extract Date	Analyst	Sample Weight **g**	Balance Id	Surr Amt **ml**	Spike Amt **ml**	Extract Unit Id	Stop Date/Time	Conc Date	Analyst	Final Vol **ml**	Conc Unit
WG2163236-1 BLANK	01/09/26 01:26	John Awuah	30.66	60	1		MW11	N/A	01/09/26 06:07	Shaylee Amidon	1	3/M
WG2163236-2 LCS	01/09/26 01:26	John Awuah	30.82	60	1	1	MW11	N/A	01/09/26 06:07	Shaylee Amidon	1	3/M
WG2163236-3 LCSD	01/09/26 01:26	John Awuah	30.93	60	1	1	MW11	N/A	01/09/26 06:07	Shaylee Amidon	1	3/M

Wet Chemistry

Total Solids / Percent Moisture Analysis

Results

Form 1
WETCHEM

Client	:	Inventum Engineering	Lab Number	:	L2600637
Project Name	:	SOUTH BUFFALO DEVELOPMENT	Project Number	:	AREA E
Lab ID	:	L2600637-01	Date Collected	:	01/06/26 12:00
Client ID	:	AREA05-BOTTOM-01062026	Date Received	:	01/07/26
Sample Location	:	AREA E 140 LEE ST	Date Analyzed	:	01/09/26 01:37
Sample Matrix	:	SOIL	Dilution Factor	:	1
Analytical Method	:	121,2540G	Analyst	:	JMN
Lab File ID	:	WG2163237.pdf	Instrument ID	:	BALANCE#53
Sample Amount	:		%Solids	:	75
Digestion Method	:		Date Digested	:	

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	74.9	0.100	NA	

Form 1
WETCHEM

Client	:	Inventum Engineering	Lab Number	:	L2600637
Project Name	:	SOUTH BUFFALO DEVELOPMENT	Project Number	:	AREA E
Lab ID	:	L2600637-02	Date Collected	:	01/06/26 13:45
Client ID	:	AREA05-NW-01062026	Date Received	:	01/07/26
Sample Location	:	AREA E 140 LEE ST	Date Analyzed	:	01/09/26 01:37
Sample Matrix	:	SOIL	Dilution Factor	:	1
Analytical Method	:	121,2540G	Analyst	:	JMN
Lab File ID	:	WG2163237.pdf	Instrument ID	:	BALANCE#53
Sample Amount	:		%Solids	:	78
Digestion Method	:		Date Digested	:	

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	78.2	0.100	NA	

Form 1
WETCHEM

Client	:	Inventum Engineering	Lab Number	:	L2600637
Project Name	:	SOUTH BUFFALO DEVELOPMENT	Project Number	:	AREA E
Lab ID	:	L2600637-03	Date Collected	:	01/06/26 14:10
Client ID	:	AREA05-WW-01062026	Date Received	:	01/07/26
Sample Location	:	AREA E 140 LEE ST	Date Analyzed	:	01/09/26 01:37
Sample Matrix	:	SOIL	Dilution Factor	:	1
Analytical Method	:	121,2540G	Analyst	:	JMN
Lab File ID	:	WG2163237.pdf	Instrument ID	:	BALANCE#53
Sample Amount	:		%Solids	:	75
Digestion Method	:		Date Digested	:	

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	74.5	0.100	NA	

Form 1
WETCHEM

Client	:	Inventum Engineering	Lab Number	:	L2600637
Project Name	:	SOUTH BUFFALO DEVELOPMENT	Project Number	:	AREA E
Lab ID	:	L2600637-04	Date Collected	:	01/06/26 14:15
Client ID	:	AREA05-SW-01062026	Date Received	:	01/07/26
Sample Location	:	AREA E 140 LEE ST	Date Analyzed	:	01/09/26 01:37
Sample Matrix	:	SOIL	Dilution Factor	:	1
Analytical Method	:	121,2540G	Analyst	:	JMN
Lab File ID	:	WG2163237.pdf	Instrument ID	:	BALANCE#53
Sample Amount	:		%Solids	:	77
Digestion Method	:		Date Digested	:	

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	76.8	0.100	NA	

Form 1
WETCHEM

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2163237-1	Date Collected	: 01/06/26 11:00
Client ID	: WG2163237-1 DUP	Date Received	: 01/07/26
Sample Location	:	Date Analyzed	: 01/09/26 01:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: JMN
Lab File ID	: WG2163237.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 66
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	69.4	0.100	NA	

Sample Raw Data

Wet Chemistry Gravimetric ELN

Printed: JAN-09-26 07:17:17

WorkGroup WG2163237
Title Solids, Total
Method SM2540G
Instrumen BALANCE#53

Temp In (C)	104	**Temp In (C)**		**Temp In (C)**		**Temp In (C)**	
Temp Out (C)	103	**Temp Out (C)**		**Temp Out (C)**		**Temp Out (C)**	
Time In	09-JAN-26 01:58	**Time In**		**Time In**		**Time In**	
Time Out	09-JAN-26 07:09	**Time Out**		**Time Out**		**Time Out**	
Location	OVEN11-N	**Location**		**Location**		**Location**	

Sample #	Analysis Date	Analyst	Tare Weight (gm)	Gross Weight (gm)	Net Weight (1) (gm)	Net Weight (2) (gm)	Net Weight (3) (gm)	Net Weight (4) (gm)	Result %	Comment
L2600637-01	09-JAN-26 01:37	JAMES NASON	1.17	9.58	7.47				74.91	
L2600637-02	09-JAN-26 01:37	JAMES NASON	1.2	11.59	9.33				78.25	
L2600637-03	09-JAN-26 01:37	JAMES NASON	1.19	9.06	7.05				74.46	
L2600637-04	09-JAN-26 01:37	JAMES NASON	1.2	9.43	7.52				76.79	
L2600886-01	09-JAN-26 01:37	JAMES NASON	1.23	7.3	4.02				45.96	
L2600886-02	09-JAN-26 01:37	JAMES NASON	1.23	9.84	7.56				73.52	
L2600886-03	09-JAN-26 01:37	JAMES NASON	1.17	9.87	6.81				64.83	
L2600886-04	09-JAN-26 01:37	JAMES NASON	1.22	10.61	6.84				59.85	
L2600886-05	09-JAN-26 01:37	JAMES NASON	1.2	10.28	7.58				70.26	
L2600886-06	09-JAN-26 01:37	JAMES NASON	1.23	11.07	7.94				68.19	
L2600886-07	09-JAN-26 01:37	JAMES NASON	1.17	11.83	8.19				65.85	
L2600886-08	09-JAN-26 01:37	JAMES NASON	1.21	10.17	6.21				55.80	
L2600886-09	09-JAN-26 01:37	JAMES NASON	1.19	9.69	5.77				53.88	
L2600886-10	09-JAN-26 01:37	JAMES NASON	1.19	9.22	6.95				71.73	
L2600887-01	09-JAN-26 01:37	JAMES NASON	1.2	10.38	9.67				92.27	
L2600887-02	09-JAN-26 01:37	JAMES NASON	1.2	11.28	10.58				93.06	
L2600887-03	09-JAN-26 01:37	JAMES NASON	1.18	10.17	8.93				86.21	
L2600887-04	09-JAN-26 01:37	JAMES NASON	1.19	10.57	10.13				95.31	
L2600887-05	09-JAN-26 01:37	JAMES NASON	1.19	10.92	10.34				94.04	
L2600911-01	09-JAN-26 01:37	JAMES NASON	1.18	8.58	5.74				61.62	
WG2163237-1	09-JAN-26 01:37	JAMES NASON	1.21	11.88	8.62				69.45	

Quality Control

Form 6
Lab Duplicates

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Client Sample ID	: NA	**Matrix**	: SOIL
Lab Sample ID	: NA	**Analysis Date**	: 01/09/26 01:37
Dup Sample ID	: WG2163237-1	**DUP Analysis Date**	: 01/09/26 01:37

Parameter	Sample Concentration (%)	Duplicate Concentration (%)	RPD	RPD Limit
Solids, Total	65.8	69.4	5	10

Appendix G2 –Documentation Sample Data Usability Summary Reports

Data Usability Summary Report

Vali-Data of WNY, LLC
89 Morningside Dr.
Grand Island, NY 14072

140 Lee St. Area E
Pace Analytical Services SDG#L2600637
June 5, 2026
Sampling date: 1/6/2026

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
89 Morningside Dr.
Grand Island, NY 14072

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for Inventum Engineering, project located at 140 Lee St. Area E, Pace Analytical Services SDG#L2600637 submitted to Vali-Data of WNY, LLC on June 2, 2026. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines (NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260D), Semi-Volatile Organics (8270E) and wet chemistry methods.

ID	Sample ID	Laboratory ID
1	AREA05-BOTTOM-01062026	L2600637-01
2	AREA05-NW-01062026	L2600637-02
3	AREA05-WW-01062026	L2600637-03
4	AREA05-SW-01062026	L2600637-04

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Internal Standard (IS) Area Performance
-Surrogate Spike Recoveries
-Method Blank
-Field Duplicate Sample Precision
-Laboratory Control Samples
-MS/MSD
-Compound Quantitation
-Initial Calibration
-Continuing Calibration
-GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES

The data are acceptable for use except where qualified below in the Compound Quantitation, Initial Calibration and Continuing Calibration.

Sample: DUSR ID#2 was diluted due to high target analyte concentrations.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All criteria were met.
There were target analytes detected in the method blanks but they were not detected in the associated samples, so no further action is required.
A TIC was detected in a method blank below the qualification limit, so no further action is required.

FIELD DUPLICATE SAMPLE PRECISION
No field duplicate was acquired.

LABORATORY CONTROL SAMPLES
All criteria were met.
The %Rec of a target analyte was outside QC limits, high in the laboratory control samples but was not detected in the associated samples, so no further action is required.

MS/MSD
No MS/MSD was acquired.

COMPOUND QUANTITATION
All target analytes in which the concentrations are <200ug/kg should be qualified as estimated low in all of the samples because they were not collected via 5035-L/5035A-L.

INITIAL CALIBRATION
All criteria were met except a couple of target analytes were outside QC limits in the initial calibrations and/or the initial calibration verifications and should be qualified as estimated in the associated samples, blanks and spikes.

ICal/ICV ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
ICV VOA104	Acetone	46.5	UJ/J	WG2164110, WG2164111, 1, 3, 4
ICV VOA100	Bromomethane	-39.8	UJ/J	WG2164207, 2D2
ICV VOA100	Carbon disulfide	25.1	UJ/J	WG2164207, 2D2
ICV VOA100	Acetone	48.2	UJ/J	WG2164207, 2D2

Alternate forms of regression were used on target analytes with the %RSD>20% with acceptable results, except where qualified above.

CONTINUING CALIBRATION
All criteria were met except several target analytes were outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
WG2164110-2, WG2164111-2	Chloromethane	-36.1	UJ/J	WG2164110, WG2164111, 1, 3, 4
WG2164110-2, WG2164111-2	Vinyl chloride	-26.7	UJ/J	WG2164110, WG2164111, 1, 3, 4
WG2164110-2, WG2164111-2	n-Butylbenzene	-21.1	UJ/J	WG2164110, WG2164111, 1, 3, 4
WG2164207-2	Acetone	56.6	UJ/J	WG2164207, 2D2
WG2164207-2	Ethylbenzene	-22.5	UJ/J	WG2164207, 2D2
WG2164207-2	n-Propylbenzene	-28.1	UJ/J	WG2164207, 2D2
WG2164207-2	sec-Butylbenzene	-24.3	UJ/J	WG2164207, 2D2
WG2164207-2	n-Butylbenzene	-29.4	UJ/J	WG2164207, 2D2

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK
All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries

- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Laboratory Control Samples and Continuing Calibration.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
No field duplicate was acquired.

LABORATORY CONTROL SAMPLES
All criteria were met except a couple of target analyte were outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS/LCSD ID	Target Analyte	%Rec LCS	%Rec LCSD	RPD	Qualifier	Associated Sample
WG2163236	Hexachlorocyclopentadiene	39	31	-	UJ	1-4
WG2163236	2,4-Dinitrophenol	-	-	54	UJ	1-4

MS/MSD
No MS/MSD was acquired.

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met.

CONTINUING CALIBRATION
All criteria were met except a couple of target analytes were outside QC limits in the continuing calibration and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%D	Qualifier	Associated Sample
WG2163439-3	Bis(2-chloroisopropyl)ether	26.3	UJ/J	WG2163236, 1-4
WG2163439-3	Hexachlorobutadiene	25.5	UJ/J	WG2163236, 1-4

GC/MS PERFORMANCE CHECK
All criteria were met.

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- %Solids

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below.

%SOLIDS
All criteria were met.

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Caitlin Walukevich Report Date: 01/12/26

Title: Technical Director/Representative

Laboratory Control Sample Summary
Form 3
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Matrix (Level)	: SOIL (HIGH)		
LCS Sample ID	: WG2164207-3 **Analysis Date** : 01/12/26 10:34	**File ID**	: V04260112B01
LCSD Sample ID	: WG2164207-4 **Analysis Date** : 01/12/26 11:00	**File ID**	: V04260112B02

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Trichloroethene	2000	2400	119	2000	2400	120	1	70-130	30
1,2-Dichlorobenzene	2000	2200	109	2000	2200	110	1	70-130	30
1,3-Dichlorobenzene	2000	2300	113	2000	2300	113	0	70-130	30
1,4-Dichlorobenzene	2000	2200	109	2000	2200	111	2	70-130	30
Methyl tert butyl ether	2000	2200	108	2000	2100	103	5	66-130	30
p/m-Xylene	4000	4800	120	4000	4800	119	1	70-130	30
o-Xylene	4000	4700	116	4000	4700	117	1	70-130	30
cis-1,2-Dichloroethene	2000	2100	105	2000	2100	105	0	70-130	30
Styrene	4000	4600	114	4000	4600	114	0	70-130	30
Dichlorodifluoromethane	2000	1800	90	2000	1700	86	5	30-146	30
Acetone	2000	870	43 Q	2000	910	45 Q	5	54-140	30
Carbon disulfide	2000	2200	112	2000	2200	110	2	59-130	30
2-Butanone	2000	1600	82	2000	1600	79	4	70-130	30
4-Methyl-2-pentanone	2000	2100	104	2000	2000	97	7	70-130	30
2-Hexanone	2000	1800	89	2000	1700	85	5	70-130	30
1,2-Dibromoethane	2000	2300	117	2000	2300	113	3	70-130	30
n-Butylbenzene	2000	2600	129	2000	2700	134 Q	4	70-130	30
sec-Butylbenzene	2000	2500	124	2000	2600	127	2	70-130	30
tert-Butylbenzene	2000	2300	117	2000	2400	120	3	70-130	30
1,2-Dibromo-3-chloropropane	2000	2100	103	2000	2000	101	2	68-130	30
Isopropylbenzene	2000	2400	122	2000	2500	124	2	70-130	30
p-Isopropyltoluene	2000	2400	119	2000	2400	122	2	70-130	30
Naphthalene	2000	2200	111	2000	2300	113	2	70-130	30
n-Propylbenzene	2000	2600	128	2000	2600	130	2	70-130	30
1,2,4-Trichlorobenzene	2000	2400	120	2000	2400	121	1	70-130	30
1,3,5-Trimethylbenzene	2000	2400	120	2000	2400	122	2	70-130	30

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-01	Date Collected	: 01/06/26 12:00
Client ID	: AREA05-BOTTOM-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V00260109A19	Instrument ID	: VOA100
Sample Amount	: 5.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 75
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	6.4	3.0	U
75-34-3	1,1-Dichloroethane	ND	1.3	0.19	U
67-66-3	Chloroform	ND	1.9	0.18	U
56-23-5	Carbon tetrachloride	ND	1.3	0.30	U
78-87-5	1,2-Dichloropropane	ND	1.3	0.16	U
124-48-1	Dibromochloromethane	ND	1.3	0.18	U
79-00-5	1,1,2-Trichloroethane	ND	1.3	0.34	U
127-18-4	Tetrachloroethene	ND	0.64	0.25	U
108-90-7	Chlorobenzene	ND	0.64	0.16	U
75-69-4	Trichlorofluoromethane	ND	5.2	0.90	U
107-06-2	1,2-Dichloroethane	ND	1.3	0.33	U
71-55-6	1,1,1-Trichloroethane	ND	0.64	0.22	U
75-27-4	Bromodichloromethane	ND	0.64	0.14	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	0.35	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.64	0.20	U
75-25-2	Bromoform	ND	5.2	0.32	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.64	0.21	U
71-43-2	Benzene	ND	0.64	0.21	U
108-88-3	Toluene	ND	1.3	0.70	U
100-41-4	Ethylbenzene	ND	1.3	0.18	U
74-87-3	Chloromethane	ND	5.2	1.2	U
74-83-9	Bromomethane	ND	2.6	0.75	U
75-01-4	Vinyl chloride	ND	1.3	0.43	U
75-00-3	Chloroethane	ND	2.6	0.58	U
75-35-4	1,1-Dichloroethene	ND	1.3	0.31	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-01	Date Collected	: 01/06/26 12:00
Client ID	: AREA05-BOTTOM-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V00260109A19	Instrument ID	: VOA100
Sample Amount	: 5.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 75
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.9	0.18	U
79-01-6	Trichloroethene	ND	0.64	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.6	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.6	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.6	0.22	U
1634-04-4	Methyl tert butyl ether	ND	2.6	0.26	U
179601-23-1	p/m-Xylene	ND	2.6	0.72	U
95-47-6	o-Xylene	ND	1.3	0.38	U
156-59-2	cis-1,2-Dichloroethene	ND	1.3	0.22	U
100-42-5	Styrene	ND	1.3	0.25	U
75-71-8	Dichlorodifluoromethane	ND	13	1.2	U
67-64-1	Acetone	ND	13	6.2	U
75-15-0	Carbon disulfide	ND	13	5.9	U
78-93-3	2-Butanone	ND	13	2.9	U
108-10-1	4-Methyl-2-pentanone	ND	13	1.6	U
591-78-6	2-Hexanone	ND	13	1.5	U
106-93-4	1,2-Dibromoethane	ND	1.3	0.36	U
104-51-8	n-Butylbenzene	ND	1.3	0.22	U
135-98-8	sec-Butylbenzene	ND	1.3	0.19	U
98-06-6	tert-Butylbenzene	ND	2.6	0.15	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.9	1.3	U
98-82-8	Isopropylbenzene	ND	1.3	0.14	U
99-87-6	p-Isopropyltoluene	ND	1.3	0.14	U
91-20-3	Naphthalene	ND	5.2	0.84	U
103-65-1	n-Propylbenzene	ND	1.3	0.22	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Lab ID	: L2600637-01	**Date Collected**	: 01/06/26 12:00
Client ID	: AREA05-BOTTOM-01062026	**Date Received**	: 01/07/26
Sample Location	: AREA E 140 LEE ST	**Date Analyzed**	: 01/09/26 16:19
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: BAD
Lab File ID	: V00260109A19	**Instrument ID**	: VOA100
Sample Amount	: 5.2 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 75
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
120-82-1	1,2,4-Trichlorobenzene	ND	2.6	0.35	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.6	0.25	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.6	0.43	U
79-20-9	Methyl Acetate	ND	5.2	1.2	U
110-82-7	Cyclohexane	ND	13	0.70	U
76-13-1	Freon-113	ND	5.2	0.89	U
108-87-2	Methyl cyclohexane	ND	5.2	0.78	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Lab ID	: L2600637-01	**Date Collected**	: 01/06/26 12:00
Client ID	: AREA05-BOTTOM-01062026	**Date Received**	: 01/07/26
Sample Location	: AREA E 140 LEE ST	**Date Analyzed**	: 01/09/26 16:19
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: BAD
Lab File ID	: V00260109A19	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 75
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	14.73	2.63	J
	Total TIC Compounds		2.63J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Lab ID	: L2600637-02D	**Date Collected**	: 01/06/26 13:45
Client ID	: AREA05-NW-01062026	**Date Received**	: 01/07/26
Sample Location	: AREA E 140 LEE ST	**Date Analyzed**	: 01/09/26 18:29
Sample Matrix	: SOIL	**Dilution Factor**	: 10
Analytical Method	: 1,8260D	**Analyst**	: BAD
Lab File ID	: V00260109A24	**Instrument ID**	: VOA100
Sample Amount	: 5.0 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: 78
Extract Volume (MeOH)	: 5 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
108-90-7	Chlorobenzene	76000	390	99.	

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-02D2	Date Collected	: 01/06/26 13:45
Client ID	: AREA05-NW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/12/26 13:11
Sample Matrix	: SOIL	Dilution Factor	: 2.5
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V04260112B07	Instrument ID	: VOA104
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 78
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	980	450	U
75-34-3	1,1-Dichloroethane	ND	200	28.	U
67-66-3	Chloroform	ND	290	27.	U
56-23-5	Carbon tetrachloride	ND	200	45.	U
78-87-5	1,2-Dichloropropane	ND	200	24.	U
124-48-1	Dibromochloromethane	ND	200	27.	U
79-00-5	1,1,2-Trichloroethane	ND	200	52.	U
127-18-4	Tetrachloroethene	ND	98	38.	U
108-90-7	Chlorobenzene	78000	98	25.	E
75-69-4	Trichlorofluoromethane	ND	780	140	U
107-06-2	1,2-Dichloroethane	ND	200	50.	U
71-55-6	1,1,1-Trichloroethane	ND	98	33.	U
75-27-4	Bromodichloromethane	ND	98	21.	U
10061-02-6	trans-1,3-Dichloropropene	ND	200	53.	U
10061-01-5	cis-1,3-Dichloropropene	ND	98	31.	U
75-25-2	Bromoform	ND	780	48.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	98	32.	U
71-43-2	Benzene	33	98	32.	J
108-88-3	Toluene	ND	200	110	U
100-41-4	Ethylbenzene	ND	200	28.	U
74-87-3	Chloromethane	ND	780	180	U
74-83-9	Bromomethane	ND	390	110	U
75-01-4	Vinyl chloride	ND	200	66.	U
75-00-3	Chloroethane	ND	390	88.	U
75-35-4	1,1-Dichloroethene	ND	200	46.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-02D2	Date Collected	: 01/06/26 13:45
Client ID	: AREA05-NW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/12/26 13:11
Sample Matrix	: SOIL	Dilution Factor	: 2.5
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V04260112B07	Instrument ID	: VOA104
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 78
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	290	27.	U
79-01-6	Trichloroethene	32	98	27.	J
95-50-1	1,2-Dichlorobenzene	860	390	28.	
541-73-1	1,3-Dichlorobenzene	130	390	29.	J
106-46-7	1,4-Dichlorobenzene	1300	390	33.	
1634-04-4	Methyl tert butyl ether	ND	390	39.	U
179601-23-1	p/m-Xylene	ND	390	110	U
95-47-6	o-Xylene	ND	200	57.	U
156-59-2	cis-1,2-Dichloroethene	ND	200	34.	U
100-42-5	Styrene	ND	200	38.	U
75-71-8	Dichlorodifluoromethane	ND	2000	180	U
67-64-1	Acetone	ND	2000	940	U
75-15-0	Carbon disulfide	ND	2000	890	U
78-93-3	2-Butanone	ND	2000	430	U
108-10-1	4-Methyl-2-pentanone	ND	2000	250	U
591-78-6	2-Hexanone	ND	2000	230	U
106-93-4	1,2-Dibromoethane	ND	200	54.	U
104-51-8	n-Butylbenzene	ND	200	33.	U
135-98-8	sec-Butylbenzene	ND	200	28.	U
98-06-6	tert-Butylbenzene	ND	390	23.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	590	200	U
98-82-8	Isopropylbenzene	ND	200	21.	U
99-87-6	p-Isopropyltoluene	ND	200	21.	U
91-20-3	Naphthalene	ND	780	130	U
103-65-1	n-Propylbenzene	ND	200	33.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-02D2	Date Collected	: 01/06/26 13:45
Client ID	: AREA05-NW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/12/26 13:11
Sample Matrix	: SOIL	Dilution Factor	: 2.5
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V04260112B07	Instrument ID	: VOA104
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 78
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	390	53.	U
108-67-8	1,3,5-Trimethylbenzene	ND	390	38.	U
95-63-6	1,2,4-Trimethylbenzene	ND	390	65.	U
79-20-9	Methyl Acetate	ND	780	180	U
110-82-7	Cyclohexane	ND	2000	110	U
76-13-1	Freon-113	ND	780	140	U
108-87-2	Methyl cyclohexane	ND	780	120	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-02D2	Date Collected	: 01/06/26 13:45
Client ID	: AREA05-NW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/12/26 13:11
Sample Matrix	: SOIL	Dilution Factor	: 2.5
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V04260112B07	Instrument ID	: VOA104
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 78
Extract Volume (MeOH)	: NA	Injection Volume	: 0.04 g

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-03	Date Collected	: 01/06/26 14:10
Client ID	: AREA05-WW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V00260109A20	Instrument ID	: VOA100
Sample Amount	: 5.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 75
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	6.4	2.9	U
75-34-3	1,1-Dichloroethane	ND	1.3	0.19	U
67-66-3	Chloroform	ND	1.9	0.18	U
56-23-5	Carbon tetrachloride	ND	1.3	0.30	U
78-87-5	1,2-Dichloropropane	ND	1.3	0.16	U
124-48-1	Dibromochloromethane	ND	1.3	0.18	U
79-00-5	1,1,2-Trichloroethane	ND	1.3	0.34	U
127-18-4	Tetrachloroethene	ND	0.64	0.25	U
108-90-7	Chlorobenzene	ND	0.64	0.16	U
75-69-4	Trichlorofluoromethane	ND	5.1	0.89	U
107-06-2	1,2-Dichloroethane	ND	1.3	0.33	U
71-55-6	1,1,1-Trichloroethane	ND	0.64	0.21	U
75-27-4	Bromodichloromethane	ND	0.64	0.14	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	0.35	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.64	0.20	U
75-25-2	Bromoform	ND	5.1	0.32	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.64	0.21	U
71-43-2	Benzene	ND	0.64	0.21	U
108-88-3	Toluene	ND	1.3	0.70	U
100-41-4	Ethylbenzene	ND	1.3	0.18	U
74-87-3	Chloromethane	ND	5.1	1.2	U
74-83-9	Bromomethane	ND	2.6	0.74	U
75-01-4	Vinyl chloride	ND	1.3	0.43	U
75-00-3	Chloroethane	ND	2.6	0.58	U
75-35-4	1,1-Dichloroethene	ND	1.3	0.30	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-03	Date Collected	: 01/06/26 14:10
Client ID	: AREA05-WW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V00260109A20	Instrument ID	: VOA100
Sample Amount	: 5.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 75
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.9	0.18	U
79-01-6	Trichloroethene	ND	0.64	0.18	U
95-50-1	1,2-Dichlorobenzene	ND	2.6	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.6	0.19	U
106-46-7	1,4-Dichlorobenzene	ND	2.6	0.22	U
1634-04-4	Methyl tert butyl ether	ND	2.6	0.26	U
179601-23-1	p/m-Xylene	ND	2.6	0.72	U
95-47-6	o-Xylene	ND	1.3	0.37	U
156-59-2	cis-1,2-Dichloroethene	ND	1.3	0.22	U
100-42-5	Styrene	ND	1.3	0.25	U
75-71-8	Dichlorodifluoromethane	ND	13	1.2	U
67-64-1	Acetone	ND	13	6.2	U
75-15-0	Carbon disulfide	ND	13	5.8	U
78-93-3	2-Butanone	ND	13	2.8	U
108-10-1	4-Methyl-2-pentanone	ND	13	1.6	U
591-78-6	2-Hexanone	ND	13	1.5	U
106-93-4	1,2-Dibromoethane	ND	1.3	0.36	U
104-51-8	n-Butylbenzene	ND	1.3	0.21	U
135-98-8	sec-Butylbenzene	ND	1.3	0.19	U
98-06-6	tert-Butylbenzene	ND	2.6	0.15	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.8	1.3	U
98-82-8	Isopropylbenzene	ND	1.3	0.14	U
99-87-6	p-Isopropyltoluene	ND	1.3	0.14	U
91-20-3	Naphthalene	ND	5.1	0.83	U
103-65-1	n-Propylbenzene	ND	1.3	0.22	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-03	Date Collected	: 01/06/26 14:10
Client ID	: AREA05-WW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V00260109A20	Instrument ID	: VOA100
Sample Amount	: 5.2 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 75
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.6	0.35	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.6	0.25	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.6	0.43	U
79-20-9	Methyl Acetate	ND	5.1	1.2	U
110-82-7	Cyclohexane	ND	13	0.70	U
76-13-1	Freon-113	ND	5.1	0.89	U
108-87-2	Methyl cyclohexane	ND	5.1	0.77	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Lab ID	: L2600637-03	**Date Collected**	: 01/06/26 14:10
Client ID	: AREA05-WW-01062026	**Date Received**	: 01/07/26
Sample Location	: AREA E 140 LEE ST	**Date Analyzed**	: 01/09/26 16:45
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: BAD
Lab File ID	: V00260109A20	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 75
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-04	Date Collected	: 01/06/26 14:15
Client ID	: AREA05-SW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 17:11
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V00260109A21	Instrument ID	: VOA100
Sample Amount	: 5.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 77
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.8	2.6	U
75-34-3	1,1-Dichloroethane	ND	1.2	0.17	U
67-66-3	Chloroform	ND	1.7	0.16	U
56-23-5	Carbon tetrachloride	ND	1.2	0.26	U
78-87-5	1,2-Dichloropropane	ND	1.2	0.14	U
124-48-1	Dibromochloromethane	ND	1.2	0.16	U
79-00-5	1,1,2-Trichloroethane	ND	1.2	0.31	U
127-18-4	Tetrachloroethene	ND	0.58	0.22	U
108-90-7	Chlorobenzene	16	0.58	0.15	
75-69-4	Trichlorofluoromethane	ND	4.6	0.80	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.30	U
71-55-6	1,1,1-Trichloroethane	ND	0.58	0.19	U
75-27-4	Bromodichloromethane	ND	0.58	0.12	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.31	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.58	0.18	U
75-25-2	Bromoform	ND	4.6	0.28	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.58	0.19	U
71-43-2	Benzene	ND	0.58	0.19	U
108-88-3	Toluene	ND	1.2	0.62	U
100-41-4	Ethylbenzene	ND	1.2	0.16	U
74-87-3	Chloromethane	ND	4.6	1.1	U
74-83-9	Bromomethane	ND	2.3	0.67	U
75-01-4	Vinyl chloride	ND	1.2	0.38	U
75-00-3	Chloroethane	ND	2.3	0.52	U
75-35-4	1,1-Dichloroethene	ND	1.2	0.27	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-04	Date Collected	: 01/06/26 14:15
Client ID	: AREA05-SW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 17:11
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V00260109A21	Instrument ID	: VOA100
Sample Amount	: 5.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 77
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.7	0.16	U
79-01-6	Trichloroethene	ND	0.58	0.16	U
95-50-1	1,2-Dichlorobenzene	ND	2.3	0.16	U
541-73-1	1,3-Dichlorobenzene	ND	2.3	0.17	U
106-46-7	1,4-Dichlorobenzene	ND	2.3	0.20	U
1634-04-4	Methyl tert butyl ether	ND	2.3	0.23	U
179601-23-1	p/m-Xylene	ND	2.3	0.64	U
95-47-6	o-Xylene	ND	1.2	0.33	U
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.20	U
100-42-5	Styrene	ND	1.2	0.22	U
75-71-8	Dichlorodifluoromethane	ND	12	1.0	U
67-64-1	Acetone	14	12	5.5	
75-15-0	Carbon disulfide	ND	12	5.2	U
78-93-3	2-Butanone	ND	12	2.6	U
108-10-1	4-Methyl-2-pentanone	ND	12	1.5	U
591-78-6	2-Hexanone	ND	12	1.4	U
106-93-4	1,2-Dibromoethane	ND	1.2	0.32	U
104-51-8	n-Butylbenzene	ND	1.2	0.19	U
135-98-8	sec-Butylbenzene	ND	1.2	0.17	U
98-06-6	tert-Butylbenzene	ND	2.3	0.14	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.4	1.1	U
98-82-8	Isopropylbenzene	ND	1.2	0.12	U
99-87-6	p-Isopropyltoluene	ND	1.2	0.12	U
91-20-3	Naphthalene	ND	4.6	0.75	U
103-65-1	n-Propylbenzene	ND	1.2	0.20	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-04	Date Collected	: 01/06/26 14:15
Client ID	: AREA05-SW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 17:11
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V00260109A21	Instrument ID	: VOA100
Sample Amount	: 5.7 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 77
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.3	0.31	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.3	0.22	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.3	0.38	U
79-20-9	Methyl Acetate	ND	4.6	1.1	U
110-82-7	Cyclohexane	ND	12	0.62	U
76-13-1	Freon-113	ND	4.6	0.80	U
108-87-2	Methyl cyclohexane	ND	4.6	0.69	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Lab ID	: L2600637-04	**Date Collected**	: 01/06/26 14:15
Client ID	: AREA05-SW-01062026	**Date Received**	: 01/07/26
Sample Location	: AREA E 140 LEE ST	**Date Analyzed**	: 01/09/26 17:11
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: BAD
Lab File ID	: V00260109A21	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 77
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2164110-5	Date Collected	: NA
Client ID	: WG2164110-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/09/26 10:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00260109A05	Instrument ID	: VOA100
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2164110-5	Date Collected	: NA
Client ID	: WG2164110-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/09/26 10:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00260109A05	Instrument ID	: VOA100
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.65	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2164110-5	Date Collected	: NA
Client ID	: WG2164110-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/09/26 10:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00260109A05	Instrument ID	: VOA100
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Lab ID	: WG2164110-5	**Date Collected**	: NA
Client ID	: WG2164110-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 01/09/26 10:14
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: AJK
Lab File ID	: V00260109A05	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: NA
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.48	2.13	J
	Total TIC Compounds		2.13J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2164111-5	Date Collected	: NA
Client ID	: WG2164111-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/09/26 10:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00260109A05	Instrument ID	: VOA100
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	250	110	U
75-34-3	1,1-Dichloroethane	ND	50	7.2	U
67-66-3	Chloroform	ND	75	7.0	U
56-23-5	Carbon tetrachloride	ND	50	12.	U
78-87-5	1,2-Dichloropropane	ND	50	6.2	U
124-48-1	Dibromochloromethane	ND	50	7.0	U
79-00-5	1,1,2-Trichloroethane	ND	50	13.	U
127-18-4	Tetrachloroethene	ND	25	9.8	U
108-90-7	Chlorobenzene	ND	25	6.4	U
75-69-4	Trichlorofluoromethane	ND	200	35.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	25	8.4	U
75-27-4	Bromodichloromethane	ND	25	5.4	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.9	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.3	U
71-43-2	Benzene	ND	25	8.3	U
108-88-3	Toluene	ND	50	27.	U
100-41-4	Ethylbenzene	ND	50	7.0	U
74-87-3	Chloromethane	ND	200	47.	U
74-83-9	Bromomethane	ND	100	29.	U
75-01-4	Vinyl chloride	ND	50	17.	U
75-00-3	Chloroethane	ND	100	23.	U
75-35-4	1,1-Dichloroethene	ND	50	12.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2164111-5	Date Collected	: NA
Client ID	: WG2164111-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/09/26 10:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00260109A05	Instrument ID	: VOA100
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	75	6.8	U
79-01-6	Trichloroethene	ND	25	6.8	U
95-50-1	1,2-Dichlorobenzene	ND	100	7.2	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.4	U
106-46-7	1,4-Dichlorobenzene	ND	100	8.6	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	ND	100	28.	U
95-47-6	o-Xylene	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	8.8	U
100-42-5	Styrene	ND	50	9.8	U
75-71-8	Dichlorodifluoromethane	ND	500	46.	U
67-64-1	Acetone	ND	500	240	U
75-15-0	Carbon disulfide	ND	500	230	U
78-93-3	2-Butanone	ND	500	110	U
108-10-1	4-Methyl-2-pentanone	ND	500	64.	U
591-78-6	2-Hexanone	ND	500	59.	U
106-93-4	1,2-Dibromoethane	ND	50	14.	U
104-51-8	n-Butylbenzene	ND	50	8.4	U
135-98-8	sec-Butylbenzene	ND	50	7.3	U
98-06-6	tert-Butylbenzene	ND	100	5.9	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	150	50.	U
98-82-8	Isopropylbenzene	ND	50	5.4	U
99-87-6	p-Isopropyltoluene	ND	50	5.4	U
91-20-3	Naphthalene	ND	200	32.	U
103-65-1	n-Propylbenzene	ND	50	8.6	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2164111-5	Date Collected	: NA
Client ID	: WG2164111-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/09/26 10:14
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V00260109A05	Instrument ID	: VOA100
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	100	14.	U
108-67-8	1,3,5-Trimethylbenzene	ND	100	9.6	U
95-63-6	1,2,4-Trimethylbenzene	ND	100	17.	U
79-20-9	Methyl Acetate	ND	200	48.	U
110-82-7	Cyclohexane	ND	500	27.	U
76-13-1	Freon-113	ND	200	35.	U
108-87-2	Methyl cyclohexane	ND	200	30.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2164207-5	Date Collected	: NA
Client ID	: WG2164207-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/12/26 12:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V04260112B05	Instrument ID	: VOA104
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	250	110	U
75-34-3	1,1-Dichloroethane	ND	50	7.2	U
67-66-3	Chloroform	ND	75	7.0	U
56-23-5	Carbon tetrachloride	ND	50	12.	U
78-87-5	1,2-Dichloropropane	ND	50	6.2	U
124-48-1	Dibromochloromethane	ND	50	7.0	U
79-00-5	1,1,2-Trichloroethane	ND	50	13.	U
127-18-4	Tetrachloroethene	ND	25	9.8	U
108-90-7	Chlorobenzene	ND	25	6.4	U
75-69-4	Trichlorofluoromethane	ND	200	35.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	25	8.4	U
75-27-4	Bromodichloromethane	ND	25	5.4	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.9	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.3	U
71-43-2	Benzene	ND	25	8.3	U
108-88-3	Toluene	ND	50	27.	U
100-41-4	Ethylbenzene	ND	50	7.0	U
74-87-3	Chloromethane	ND	200	47.	U
74-83-9	Bromomethane	ND	100	29.	U
75-01-4	Vinyl chloride	ND	50	17.	U
75-00-3	Chloroethane	ND	100	23.	U
75-35-4	1,1-Dichloroethene	ND	50	12.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2164207-5	Date Collected	: NA
Client ID	: WG2164207-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/12/26 12:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V04260112B05	Instrument ID	: VOA104
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	75	6.8	U
79-01-6	Trichloroethene	ND	25	6.8	U
95-50-1	1,2-Dichlorobenzene	ND	100	7.2	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.4	U
106-46-7	1,4-Dichlorobenzene	ND	100	8.6	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	ND	100	28.	U
95-47-6	o-Xylene	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	8.8	U
100-42-5	Styrene	ND	50	9.8	U
75-71-8	Dichlorodifluoromethane	ND	500	46.	U
67-64-1	Acetone	ND	500	240	U
75-15-0	Carbon disulfide	ND	500	230	U
78-93-3	2-Butanone	ND	500	110	U
108-10-1	4-Methyl-2-pentanone	ND	500	64.	U
591-78-6	2-Hexanone	ND	500	59.	U
106-93-4	1,2-Dibromoethane	ND	50	14.	U
104-51-8	n-Butylbenzene	ND	50	8.4	U
135-98-8	sec-Butylbenzene	ND	50	7.3	U
98-06-6	tert-Butylbenzene	ND	100	5.9	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	150	50.	U
98-82-8	Isopropylbenzene	ND	50	5.4	U
99-87-6	p-Isopropyltoluene	ND	50	5.4	U
91-20-3	Naphthalene	32	200	32.	J
103-65-1	n-Propylbenzene	ND	50	8.6	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2164207-5	Date Collected	: NA
Client ID	: WG2164207-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/12/26 12:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V04260112B05	Instrument ID	: VOA104
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	21	100	14.	J
108-67-8	1,3,5-Trimethylbenzene	ND	100	9.6	U
95-63-6	1,2,4-Trimethylbenzene	ND	100	17.	U
79-20-9	Methyl Acetate	ND	200	48.	U
110-82-7	Cyclohexane	ND	500	27.	U
76-13-1	Freon-113	ND	200	35.	U
108-87-2	Methyl cyclohexane	ND	200	30.	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2164207-5	Date Collected	: NA
Client ID	: WG2164207-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/12/26 12:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: AJK
Lab File ID	: V04260112B05	Instrument ID	: VOA104
Sample Amount	:	GC Column	:
Level	:	%Solids	: NA
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Evaluate Continuing Calibration Report

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A17.D
Acq On : 20 Nov 2025 1:06 am
Operator : VOA104:JIC
Sample : C8260STD40PPB
Misc : WG2144251,ICAL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 20 08:00:47 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene		1.000	1.000	0.0	96	0.00
2	TP	Dichlorodifluoromethane		0.365	0.313	14.2	85	0.00
3	TP	Chloromethane		0.375	0.354	5.6	93	0.00
4	TP	Vinyl chloride		0.368	0.371	-0.8	96	0.00
5	TP	Bromomethane		0.206	0.240	-16.5	110	0.00
6	TP	Chloroethane		0.213	0.220	-3.3	93	0.00
7	TP	Trichlorofluoromethane		0.435	0.491	-12.9	105	0.00
8	TP	Ethyl ether		0.136	0.131	3.7	92	0.00
10	TP	1,1-Dichloroethene		0.250	0.248	0.8	96	0.00
11	TP	Carbon disulfide		0.916	0.888	3.1	96	0.00
12	TP	Freon-113		0.247	0.296	-19.8	109	0.00
14	TP	Acrolein		0.026	0.030	-15.4	116	0.00
15	TP	Methylene chloride		0.314	0.287	8.6	95	0.00
17	TP	Acetone	*	40.000	21.406	46.5#	54	0.00
18	TP	trans-1,2-Dichloroethene		0.280	0.280	0.0	97	0.00
19	TP	Methyl acetate		0.105	0.109	-3.8	99	0.00
20	TP	Methyl tert-butyl ether		0.693	0.662	4.5	90	0.00
21	TP	tert-Butyl alcohol		0.023	0.025	-8.7	100	0.00
22	TP	Diisopropyl ether		0.871	0.857	1.6	92	0.00
23	TP	1,1-Dichloroethane		0.524	0.533	-1.7	97	0.00
24	TP	Halothane		0.217	0.238	-9.7	103	0.00
25	TP	Acrylonitrile		0.055	0.056	-1.8	97	0.00
26	TP	Ethyl tert-butyl ether		0.813	0.830	-2.1	95	0.00
27	TP	Vinyl acetate		0.503	0.481	4.4	87	0.00
28	TP	cis-1,2-Dichloroethene		0.316	0.297	6.0	92	0.00
29	TP	2,2-Dichloropropane		0.431	0.433	-0.5	97	0.00
30	TP	Bromochloromethane		0.147	0.141	4.1	93	0.00
31	TP	Cyclohexane		0.426	0.447	-4.9	101	0.00
32	TP	Chloroform	*	40.000	40.975	-2.4	95	0.00
33	TP	Ethyl acetate		0.172	0.179	-4.1	98	0.00
34	TP	Carbon tetrachloride		0.402	0.422	-5.0	99	0.00
35	TP	Tetrahydrofuran		0.063	0.065	-3.2	97	0.00
36	S	Dibromofluoromethane		0.287	0.292	-1.7	98	0.00
37	TP	1,1,1-Trichloroethane		0.418	0.442	-5.7	100	0.00
39	TP	2-Butanone	*	40.000	38.122	4.7	91	0.00
40	TP	1,1-Dichloropropene		0.330	0.363	-10.0	102	0.00
41	TP	Benzene		0.982	1.015	-3.4	96	0.00
42	TP	tert-Amyl methyl ether		0.683	0.668	2.2	93	0.00
43	S	1,2-Dichloroethane-d4		0.255	0.248	2.7	95	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A18.D
Acq On : 23 Dec 2025 10:35 pm
Operator : VOA100:JIC
Sample : C8260STD40PPB
Misc : WG2158227,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 24 08:03:13 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	94	0.00
2	TP	Dichlorodifluoromethane	0.299	0.334	-11.7	100	0.00
3	TP	Chloromethane	0.310	0.338	-9.0	101	0.00
4	TP	Vinyl chloride	0.308	0.338	-9.7	98	0.00
5	TP	Bromomethane	0.161	0.225	-39.8#	129	0.00
6	TP	Chloroethane	0.193	0.201	-4.1	92	0.00
7	TP	Trichlorofluoromethane	0.424	0.458	-8.0	98	0.00
8	TP	Ethyl ether	0.152	0.152	0.0	91	0.00
10	TP	1,1-Dichloroethene	0.250	0.252	-0.8	89	0.00
11	TP	Carbon disulfide	1.013	0.759	25.1#	75	0.00
12	TP	Freon-113	0.249	0.278	-11.6	98	0.00
14	TP	Acrolein	0.022	0.042	-90.9#	171	0.00
15	TP	Methylene chloride	0.309	0.315	-1.9	98	0.00
17	TP	Acetone	0.139	0.072	48.2#	51	0.00
18	TP	trans-1,2-Dichloroethene	0.286	0.295	-3.1	92	0.00
19	TP	Methyl acetate	0.186	0.175	5.9	94	0.00
20	TP	Methyl tert-butyl ether	0.800	0.764	4.5	87	0.00
21	TP	tert-Butyl alcohol	0.030	0.031	-3.3	95	0.00
22	TP	Diisopropyl ether	0.893	0.913	-2.2	92	0.00
23	TP	1,1-Dichloroethane	0.513	0.522	-1.8	92	0.00
24	TP	Halothane	0.222	0.231	-4.1	93	0.00
25	TP	Acrylonitrile	0.084	0.090	-7.1	95	-0.01
26	TP	Ethyl tert-butyl ether	0.832	0.859	-3.2	92	0.00
27	TP	Vinyl acetate	0.703	0.659	6.3	85	0.00
28	TP	cis-1,2-Dichloroethene	0.317	0.313	1.3	89	-0.01
29	TP	2,2-Dichloropropane	0.437	0.432	1.1	91	0.00
31	TP	Bromochloromethane	0.154	0.156	-1.3	91	0.00
32	TP	Cyclohexane	0.458	0.481	-5.0	93	0.00
33	TP	Chloroform	0.547	0.544	0.5	91	0.00
34	TP	Ethyl acetate	0.273	0.271	0.7	96	-0.01
35	TP	Carbon tetrachloride	0.430	0.428	0.5	89	0.00
36	TP	Tetrahydrofuran	0.096	0.085	11.5	96	0.00
37	S	Dibromofluoromethane	0.278	0.273	1.8	94	0.00
38	TP	1,1,1-Trichloroethane	0.442	0.466	-5.4	91	0.00
40	TP	2-Butanone	0.120	0.112	6.7	90	0.00
41	TP	1,1-Dichloropropene	0.365	0.401	-9.9	95	0.00
42	TP	Benzene	1.058	1.106	-4.5	92	0.00
43	TP	tert-Amyl methyl ether	0.771	0.767	0.5	90	0.00
44	S	1,2-Dichloroethane-d4	0.276	0.265	4.0	95	0.00

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		Lab Number	: L2600637	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E	
Instrument ID	: VOA100		Calibration Date	: 01/09/26 08:30	
Lab File ID	: V00260109A01		Init. Calib. Date(s)	: 12/23/25	12/23/25
Sample No	: WG2164110-2		Init. Calib. Times	: 16:03	20:24
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	69	0
Dichlorodifluoromethane	0.299	0.326	-	-9	20	71	0
Chloromethane	0.31	0.422	-	-36.1*	20	92	0
Vinyl chloride	0.308	0.391	-	-26.9*	20	83	0
Bromomethane	0.161	0.203	-	-26.1*	20	85	0
Chloroethane	0.193	0.234	-	-21.2*	20	78	0
Trichlorofluoromethane	0.424	0.478	-	-12.7	20	75	0
Ethyl ether	0.152	0.163	-	-7.2	20	72	0
1,1-Dichloroethene	0.25	0.274	-	-9.6	20	70	0
Carbon disulfide	1.013	1.066	-	-5.2	20	78	0
Freon-113	0.249	0.28	-	-12.4	20	72	0
Acrolein	0.022	0.023	-	-4.5	20	69	0
Methylene chloride	0.309	0.321	-	-3.9	20	73	0
Acetone	0.139	0.111	-	20.1*	20	58	0
trans-1,2-Dichloroethene	0.286	0.306	-	-7	20	70	0
Methyl acetate	0.186	0.204	-	-9.7	20	80	0
Methyl tert-butyl ether	0.8	0.875	-	-9.4	20	73	0
tert-Butyl alcohol	0.03	0.032	-	-6.7	20	71	0
Diisopropyl ether	0.893	1.174	-	-31.5*	20	86	0
1,1-Dichloroethane	0.513	0.594	-	-15.8	20	77	0
Halothane	0.222	0.231	-	-4.1	20	68	0
Acrylonitrile	0.084	0.099	-	-17.9	20	76	0
Ethyl tert-butyl ether	0.832	0.987	-	-18.6	20	78	0
Vinyl acetate	0.703	0.895	-	-27.3*	20	85	0
cis-1,2-Dichloroethene	0.317	0.336	-	-6	20	70	0
2,2-Dichloropropane	0.437	0.508	-	-16.2	20	78	0
Bromochloromethane	0.154	0.157	-	-1.9	20	67	0
Cyclohexane	0.458	0.569	-	-24.2*	20	80	0
Chloroform	0.547	0.599	-	-9.5	20	73	0
Ethyl acetate	0.273	0.31	-	-13.6	20	80	0
Carbon tetrachloride	0.43	0.457	-	-6.3	20	70	0
Tetrahydrofuran	0.096	0.101	-	-5.2	20	84	0
Dibromofluoromethane	0.278	0.272	-	2.2	20	68	0
1,1,1-Trichloroethane	0.442	0.508	-	-14.9	20	73	0
2-Butanone	0.12	0.142	-	-18.3	20	84	0
1,1-Dichloropropene	0.365	0.437	-	-19.7	20	76	0
Benzene	1.058	1.204	-	-13.8	20	74	0
tert-Amyl methyl ether	0.771	0.846	-	-9.7	20	73	.01
1,2-Dichloroethane-d4	0.276	0.284	-	-2.9	20	74	0
1,2-Dichloroethane	0.378	0.43	-	-13.8	20	77	0
Methyl cyclohexane	0.479	0.551	-	-15	20	73	0
Trichloroethene	0.292	0.328	-	-12.3	20	72	0
Dibromomethane	0.184	0.193	-	-4.9	20	70	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		**Lab Number**	: L2600637	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E	
Instrument ID	: VOA100		**Calibration Date**	: 01/09/26 08:30	
Lab File ID	: V00260109A01		**Init. Calib. Date(s)**	: 12/23/25	12/23/25
Sample No	: WG2164110-2		**Init. Calib. Times**	: 16:03	20:24
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.676	1.874	-	-11.8	20	69	0
n-Butylbenzene	2.466	2.986	-	-21.1*	20	74	0
1,2-Dichlorobenzene	1.44	1.497	-	-4	20	66	0
1,2,4,5-Tetramethylbenzene	2.499	2.868	-	-14.8	20	71	0
1,2-Dibromo-3-chloropropan	0.141	0.127	-	9.9	20	57	.01
1,3,5-Trichlorobenzene	1.217	1.261	-	-3.6	20	65	0
Hexachlorobutadiene	0.637	0.629	-	1.3	20	61	0
1,2,4-Trichlorobenzene	1.082	1.109	-	-2.5	20	65	0
Naphthalene	2.193	2.222	-	-1.3	20	65	0
1,2,3-Trichlorobenzene	1.001	1.009	-	-0.8	20	64	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		Lab Number	: L2600637	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E	
Instrument ID	: VOA100		Calibration Date	: 01/09/26 08:30	
Lab File ID	: V00260109A01		Init. Calib. Date(s)	: 12/23/25	12/23/25
Sample No	: WG2164111-2		Init. Calib. Times	: 16:03	20:24
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	69	0
Dichlorodifluoromethane	0.299	0.326	-	-9	20	71	0
Chloromethane	0.31	0.422	-	-36.1*	20	92	0
Vinyl chloride	0.308	0.391	-	-26.9*	20	83	0
Bromomethane	0.161	0.203	-	-26.1*	20	85	0
Chloroethane	0.193	0.234	-	-21.2*	20	78	0
Trichlorofluoromethane	0.424	0.478	-	-12.7	20	75	0
Ethyl ether	0.152	0.163	-	-7.2	20	72	0
1,1-Dichloroethene	0.25	0.274	-	-9.6	20	70	0
Carbon disulfide	1.013	1.066	-	-5.2	20	78	0
Freon-113	0.249	0.28	-	-12.4	20	72	0
Acrolein	0.022	0.023	-	-4.5	20	69	0
Methylene chloride	0.309	0.321	-	-3.9	20	73	0
Acetone	0.139	0.111	-	20.1*	20	58	0
trans-1,2-Dichloroethene	0.286	0.306	-	-7	20	70	0
Methyl acetate	0.186	0.204	-	-9.7	20	80	0
Methyl tert-butyl ether	0.8	0.875	-	-9.4	20	73	0
tert-Butyl alcohol	0.03	0.032	-	-6.7	20	71	0
Diisopropyl ether	0.893	1.174	-	-31.5*	20	86	0
1,1-Dichloroethane	0.513	0.594	-	-15.8	20	77	0
Halothane	0.222	0.231	-	-4.1	20	68	0
Acrylonitrile	0.084	0.099	-	-17.9	20	76	0
Ethyl tert-butyl ether	0.832	0.987	-	-18.6	20	78	0
Vinyl acetate	0.703	0.895	-	-27.3*	20	85	0
cis-1,2-Dichloroethene	0.317	0.336	-	-6	20	70	0
2,2-Dichloropropane	0.437	0.508	-	-16.2	20	78	0
Bromochloromethane	0.154	0.157	-	-1.9	20	67	0
Cyclohexane	0.458	0.569	-	-24.2*	20	80	0
Chloroform	0.547	0.599	-	-9.5	20	73	0
Ethyl acetate	0.273	0.31	-	-13.6	20	80	0
Carbon tetrachloride	0.43	0.457	-	-6.3	20	70	0
Tetrahydrofuran	0.096	0.101	-	-5.2	20	84	0
Dibromofluoromethane	0.278	0.272	-	2.2	20	68	0
1,1,1-Trichloroethane	0.442	0.508	-	-14.9	20	73	0
2-Butanone	0.12	0.142	-	-18.3	20	84	0
1,1-Dichloropropene	0.365	0.437	-	-19.7	20	76	0
Benzene	1.058	1.204	-	-13.8	20	74	0
tert-Amyl methyl ether	0.771	0.846	-	-9.7	20	73	.01
1,2-Dichloroethane-d4	0.276	0.284	-	-2.9	20	74	0
1,2-Dichloroethane	0.378	0.43	-	-13.8	20	77	0
Methyl cyclohexane	0.479	0.551	-	-15	20	73	0
Trichloroethene	0.292	0.328	-	-12.3	20	72	0
Dibromomethane	0.184	0.193	-	-4.9	20	70	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		**Lab Number**	: L2600637	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E	
Instrument ID	: VOA100		**Calibration Date**	: 01/09/26 08:30	
Lab File ID	: V00260109A01		**Init. Calib. Date(s)**	: 12/23/25	12/23/25
Sample No	: WG2164111-2		**Init. Calib. Times**	: 16:03	20:24
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.676	1.874	-	-11.8	20	69	0
n-Butylbenzene	2.466	2.986	-	-21.1*	20	74	0
1,2-Dichlorobenzene	1.44	1.497	-	-4	20	66	0
1,2,4,5-Tetramethylbenzene	2.499	2.868	-	-14.8	20	71	0
1,2-Dibromo-3-chloropropan	0.141	0.127	-	9.9	20	57	.01
1,3,5-Trichlorobenzene	1.217	1.261	-	-3.6	20	65	0
Hexachlorobutadiene	0.637	0.629	-	1.3	20	61	0
1,2,4-Trichlorobenzene	1.082	1.109	-	-2.5	20	65	0
Naphthalene	2.193	2.222	-	-1.3	20	65	0
1,2,3-Trichlorobenzene	1.001	1.009	-	-0.8	20	64	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering	Lab Number	: L2600637		
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E		
Instrument ID	: VOA104	Calibration Date	: 01/12/26 10:34		
Lab File ID	: V04260112B01	Init. Calib. Date(s)	: 11/19/25	11/19/25	
Sample No	: WG2164207-2	Init. Calib. Times	: 18:33	23:21	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	114	0
Dichlorodifluoromethane	0.365	0.327	-	10.4	20	106	0
Chloromethane	0.375	0.331	-	11.7	20	103	0
Vinyl chloride	0.368	0.354	-	3.8	20	108	0
Bromomethane	0.206	0.264	-	-28.2*	20	144	0
Chloroethane	0.213	0.206	-	3.3	20	103	0
Trichlorofluoromethane	0.435	0.47	-	-8	20	120	0
Ethyl ether	0.136	0.153	-	-12.5	20	128	0
1,1-Dichloroethene	0.25	0.296	-	-18.4	20	135	0
Carbon disulfide	0.916	1.027	-	-12.1	20	131	0
Freon-113	0.247	0.3	-	-21.5*	20	131	0
Acrolein	0.026	0.015	-	42.3*	20	69	0
Methylene chloride	0.314	0.325	-	-3.5	20	128	0
Acetone	40	17.352	-	56.6*	20	53	0
trans-1,2-Dichloroethene	0.28	0.313	-	-11.8	20	129	0
Methyl acetate	0.105	0.096	-	8.6	20	103	0
Methyl tert-butyl ether	0.693	0.753	-	-8.7	20	121	0
tert-Butyl alcohol	0.023	0.021	-	8.7	20	102	0
Diisopropyl ether	0.871	0.785	-	9.9	20	100	0
1,1-Dichloroethane	0.524	0.525	-	-0.2	20	113	0
Halothane	0.217	0.232	-	-6.9	20	119	0
Acrylonitrile	0.055	0.051	-	7.3	20	105	0
Ethyl tert-butyl ether	0.813	0.775	-	4.7	20	105	0
Vinyl acetate	0.503	0.42	-	16.5	20	90	0
cis-1,2-Dichloroethene	0.316	0.333	-	-5.4	20	123	0
2,2-Dichloropropane	0.431	0.45	-	-4.4	20	119	0
Bromochloromethane	0.147	0.139	-	5.4	20	109	0
Cyclohexane	0.426	0.436	-	-2.3	20	116	0
Chloroform	40	42.286	-	-5.7	20	117	0
Ethyl acetate	0.172	0.149	-	13.4	20	98	0
Carbon tetrachloride	0.402	0.409	-	-1.7	20	114	0
Tetrahydrofuran	0.063	0.057	-	9.5	20	100	0
Dibromofluoromethane	0.287	0.257	-	10.5	20	102	0
1,1,1-Trichloroethane	0.418	0.447	-	-6.9	20	120	0
2-Butanone	40	32.833	-	17.9	20	92	0
1,1-Dichloropropene	0.33	0.387	-	-17.3	20	129	0
Benzene	0.982	1.089	-	-10.9	20	122	0
tert-Amyl methyl ether	0.683	0.706	-	-3.4	20	117	0
1,2-Dichloroethane-d4	0.255	0.205	-	19.6	20	93	0
1,2-Dichloroethane	0.348	0.303	-	12.9	20	100	0
Methyl cyclohexane	0.411	0.494	-	-20.2*	20	133	0
Trichloroethene	0.261	0.31	-	-18.8	20	127	0
Dibromomethane	0.17	0.164	-	3.5	20	114	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		Lab Number	: L2600637	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E	
Instrument ID	: VOA104		Calibration Date	: 01/12/26 10:34	
Lab File ID	: V04260112B01		Init. Calib. Date(s)	: 11/19/25	11/19/25
Sample No	: WG2164207-2		Init. Calib. Times	: 18:33	23:21
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.285	0.277	-	2.8	20	111	0
2-Chloroethyl vinyl ether	0.146	0.079	-	45.9*	20	59	0
Bromodichloromethane	0.388	0.395	-	-1.8	20	113	0
1,4-Dioxane	2000	2163.698	-	-8.2	20	118	0
cis-1,3-Dichloropropene	0.419	0.461	-	-10	20	117	0
Chlorobenzene-d5	1	1	-	0	20	104	0
Toluene-d8	1.286	1.366	-	-6.2	20	109	0
Toluene	0.854	0.97	-	-13.6	20	121	0
4-Methyl-2-pentanone	0.094	0.097	-	-3.2	20	105	0
Tetrachloroethene	40	46.608	-	-16.5	20	123	0
trans-1,3-Dichloropropene	0.463	0.537	-	-16	20	114	0
Ethyl methacrylate	0.348	0.393	-	-12.9	20	117	0
1,1,2-Trichloroethane	0.253	0.275	-	-8.7	20	120	0
Chlorodibromomethane	0.391	0.407	-	-4.1	20	104	0
1,3-Dichloropropane	0.445	0.52	-	-16.9	20	119	0
1,2-Dibromoethane	0.279	0.325	-	-16.5	20	114	0
2-Hexanone	0.159	0.142	-	10.7	20	91	0
Chlorobenzene	0.958	1.102	-	-15	20	115	0
Ethylbenzene	1.532	1.876	-	-22.5*	20	123	0
1,1,1,2-Tetrachloroethane	0.365	0.386	-	-5.8	20	104	0
p/m Xylene	0.582	0.695	-	-19.4	20	119	0
o Xylene	0.59	0.687	-	-16.4	20	116	0
Styrene	0.955	1.091	-	-14.2	20	114	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	99	0
Bromoform	0.472	0.483	-	-2.3	20	101	0
Isopropylbenzene	2.881	3.502	-	-21.6*	20	120	0
4-Bromofluorobenzene	0.862	0.961	-	-11.5	20	110	0
Bromobenzene	0.805	0.887	-	-10.2	20	108	0
n-Propylbenzene	3.29	4.213	-	-28.1*	20	124	0
1,4-Dichlorobutane	0.855	0.856	-	-0.1	20	99	0
1,1,2,2-Tetrachloroethane	0.668	0.736	-	-10.2	20	115	0
4-Ethyltoluene	2.746	3.393	-	-23.6*	20	121	0
2-Chlorotoluene	1.962	2.404	-	-22.5*	20	120	0
1,3,5-Trimethylbenzene	2.371	2.84	-	-19.8	20	117	0
1,2,3-Trichloropropane	0.462	0.511	-	-10.6	20	113	0
trans-1,4-Dichloro-2-buten	0.181	0.159	-	12.2	20	94	0
4-Chlorotoluene	1.991	2.438	-	-22.5*	20	121	0
tert-Butylbenzene	2.061	2.403	-	-16.6	20	114	0
1,2,4-Trimethylbenzene	2.389	2.787	-	-16.7	20	115	0
sec-Butylbenzene	3.02	3.753	-	-24.3*	20	120	0
p-Isopropyltoluene	2.611	3.116	-	-19.3	20	116	0
1,3-Dichlorobenzene	1.417	1.596	-	-12.6	20	110	0
1,4-Dichlorobenzene	1.473	1.609	-	-9.2	20	111	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering	**Lab Number**	: L2600637		
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E		
Instrument ID	: VOA104	**Calibration Date**	: 01/12/26 10:34		
Lab File ID	: V04260112B01	**Init. Calib. Date(s)**	: 11/19/25	11/19/25	
Sample No	: WG2164207-2	**Init. Calib. Times**	: 18:33	23:21	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.564	1.871	-	-19.6	20	118	0
n-Butylbenzene	2.329	3.014	-	-29.4*	20	125	0
1,2-Dichlorobenzene	1.361	1.48	-	-8.7	20	108	0
1,2,4,5-Tetramethylbenzene	2.428	2.907	-	-19.7	20	117	0
1,2-Dibromo-3-chloropropan	0.109	0.113	-	-3.7	20	101	0
1,3,5-Trichlorobenzene	1.086	1.335	-	-22.9*	20	120	0
Hexachlorobutadiene	0.553	0.738	-	-33.5*	20	127	0
1,2,4-Trichlorobenzene	0.897	1.08	-	-20.4*	20	116	0
Naphthalene	1.621	1.797	-	-10.9	20	112	0
1,2,3-Trichlorobenzene	0.758	0.86	-	-13.5	20	111	0

* Value outside of QC limits.

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2163236-2 **Analysis Date** : 01/09/26 14:17	**File ID**	: 163236-2
LCSD Sample ID	: WG2163236-3 **Analysis Date** : 01/09/26 15:18	**File ID**	: 163236-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R		True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
Acenaphthene	1300	960	74		1300	1000	77	4	31-137	50
Hexachlorobenzene	1300	1000	77		1300	1100	83	8	40-140	50
Bis(2-chloroethyl)ether	1300	900	69		1300	930	72	4	40-140	50
2-Chloronaphthalene	1300	960	74		1300	990	77	4	40-140	50
3,3'-Dichlorobenzidine	1300	900	70		1300	920	71	1	40-140	50
2,4-Dinitrotoluene	1300	1000	78		1300	1100	84	7	40-132	50
2,6-Dinitrotoluene	1300	950	74		1300	1000	82	10	40-140	50
Fluoranthene	1300	1100	82		1300	1000	82	0	40-140	50
4-Chlorophenyl phenyl ether	1300	890	69		1300	930	72	4	40-140	50
4-Bromophenyl phenyl ether	1300	920	71		1300	990	76	7	40-140	50
Bis(2-chloroisopropyl)ether	1300	670	51		1300	700	54	6	40-140	50
Bis(2-chloroethoxy)methane	1300	960	74		1300	1000	81	9	40-117	50
Hexachlorobutadiene	1300	770	59		1300	750	58	2	40-140	50
Hexachlorocyclopentadiene	1300	510	39	Q	1300	400	31	Q 23	40-140	50
Hexachloroethane	1300	1000	77		1300	1000	79	3	40-140	50
Isophorone	1300	1000	79		1300	1100	88	11	40-140	50
Naphthalene	1300	1000	78		1300	1000	78	0	40-140	50
Nitrobenzene	1300	1000	81		1300	1100	87	7	40-140	50
NDPA/DPA	1300	980	76		1300	1000	81	6	36-157	50
n-Nitrosodi-n-propylamine	1300	980	75		1300	1100	85	13	32-121	50
Bis(2-ethylhexyl)phthalate	1300	1200	91		1300	1300	99	8	40-140	50
Butyl benzyl phthalate	1300	1300	98		1300	1200	95	3	40-140	50
Di-n-butylphthalate	1300	1100	85		1300	1100	88	3	40-140	50
Di-n-octylphthalate	1300	1200	95		1300	1300	100	5	40-140	50
Diethyl phthalate	1300	990	77		1300	1000	80	4	40-140	50
Dimethyl phthalate	1300	920	70		1300	1000	78	11	40-140	50

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2163236-2 **Analysis Date** : 01/09/26 14:17	**File ID**	: 163236-2
LCSD Sample ID	: WG2163236-3 **Analysis Date** : 01/09/26 15:18	**File ID**	: 163236-3

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R	RPD	Recovery Limits	RPD Limit
2,4-Dimethylphenol	1300	1100	87	1300	1200	97	11	30-130	50
2-Nitrophenol	1300	1100	83	1300	1200	93	11	30-130	50
4-Nitrophenol	1300	1200	90	1300	1300	98	9	11-114	50
2,4-Dinitrophenol	1300	600	47	1300	340	27	54 Q	4-130	50
4,6-Dinitro-o-cresol	1300	750	58	1300	480	37	44	10-130	50
Pentachlorophenol	1300	1100	86	1300	1200	91	6	17-109	50
Phenol	1300	1100	86	1300	1100	89	3	26-90	50
2-Methylphenol	1300	1100	88	1300	1200	95	8	30-130	50
3-Methylphenol/4-Methylphenol	1300	1200	94	1300	1300	104	10	30-130	50
2,4,5-Trichlorophenol	1300	930	72	1300	1000	81	12	30-130	50
Carbazole	1300	1100	85	1300	1100	84	1	54-128	50
Atrazine	1300	930	71	1300	970	75	5	40-140	50
Benzaldehyde	1300	1000	78	1300	1100	82	5	40-140	50
Caprolactam	1300	980	76	1300	1000	82	8	15-130	50
2,3,4,6-Tetrachlorophenol	1300	1000	78	1300	1100	82	5	40-140	50
1,4-Dioxane	1300	770	59	1300	720	55	7	40-140	50

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-01	Date Collected	: 01/06/26 12:00
Client ID	: AREA05-BOTTOM-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 15:57
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-01	Analyst	: JG
Sample Amount	: 30.12 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	180	23.	U
118-74-1	Hexachlorobenzene	ND	130	25.	U
111-44-4	Bis(2-chloroethyl)ether	ND	200	30.	U
91-58-7	2-Chloronaphthalene	ND	220	22.	U
91-94-1	3,3'-Dichlorobenzidine	ND	220	59.	U
121-14-2	2,4-Dinitrotoluene	ND	220	44.	U
606-20-2	2,6-Dinitrotoluene	ND	220	38.	U
206-44-0	Fluoranthene	ND	130	25.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	24.	U
101-55-3	4-Bromophenyl phenyl ether	ND	220	34.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	260	38.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	240	22.	U
87-68-3	Hexachlorobutadiene	ND	220	32.	U
77-47-4	Hexachlorocyclopentadiene	ND	630	200	U
67-72-1	Hexachloroethane	ND	180	36.	U
78-59-1	Isophorone	ND	200	29.	U
91-20-3	Naphthalene	ND	220	27.	U
98-95-3	Nitrobenzene	ND	200	33.	U
86-30-6	NDPA/DPA	ND	180	25.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	220	34.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	220	77.	U
85-68-7	Butyl benzyl phthalate	ND	220	56.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-01	Date Collected	: 01/06/26 12:00
Client ID	: AREA05-BOTTOM-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 15:57
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-01	Analyst	: JG
Sample Amount	: 30.12 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	220	42.	U
117-84-0	Di-n-octylphthalate	ND	220	75.	U
84-66-2	Diethyl phthalate	ND	220	20.	U
131-11-3	Dimethyl phthalate	ND	220	46.	U
56-55-3	Benzo(a)anthracene	ND	130	25.	U
50-32-8	Benzo(a)pyrene	ND	180	54.	U
205-99-2	Benzo(b)fluoranthene	ND	130	37.	U
207-08-9	Benzo(k)fluoranthene	ND	130	35.	U
218-01-9	Chrysene	ND	130	23.	U
208-96-8	Acenaphthylene	ND	180	34.	U
120-12-7	Anthracene	ND	130	43.	U
191-24-2	Benzo(ghi)perylene	ND	180	26.	U
86-73-7	Fluorene	ND	220	22.	U
85-01-8	Phenanthrene	ND	130	27.	U
53-70-3	Dibenzo(a,h)anthracene	ND	130	26.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	31.	U
129-00-0	Pyrene	ND	130	22.	U
92-52-4	Biphenyl	ND	500	29.	U
106-47-8	4-Chloroaniline	ND	220	40.	U
88-74-4	2-Nitroaniline	ND	220	43.	U
99-09-2	3-Nitroaniline	ND	220	42.	U
100-01-6	4-Nitroaniline	ND	220	92.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-01	Date Collected	: 01/06/26 12:00
Client ID	: AREA05-BOTTOM-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 15:57
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-01	Analyst	: JG
Sample Amount	: 30.12 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	220	21.	U
91-57-6	2-Methylnaphthalene	ND	260	27.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	23.	U
98-86-2	Acetophenone	ND	220	27.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	42.	U
59-50-7	p-Chloro-m-cresol	ND	220	33.	U
95-57-8	2-Chlorophenol	ND	220	26.	U
120-83-2	2,4-Dichlorophenol	ND	200	36.	U
105-67-9	2,4-Dimethylphenol	ND	220	73.	U
88-75-5	2-Nitrophenol	ND	480	83.	U
100-02-7	4-Nitrophenol	ND	310	90.	U
51-28-5	2,4-Dinitrophenol	ND	1100	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	580	110	U
87-86-5	Pentachlorophenol	ND	180	49.	U
108-95-2	Phenol	ND	220	33.	U
95-48-7	2-Methylphenol	ND	220	34.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	320	35.	U
95-95-4	2,4,5-Trichlorophenol	ND	220	42.	U
86-74-8	Carbazole	ND	220	22.	U
1912-24-9	Atrazine	ND	180	78.	U
100-52-7	Benzaldehyde	ND	290	60.	U
105-60-2	Caprolactam	ND	220	67.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-01	Date Collected	: 01/06/26 12:00
Client ID	: AREA05-BOTTOM-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 15:57
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-01	Analyst	: JG
Sample Amount	: 30.12 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	45.	U
123-91-1	1,4-Dioxane	ND	33	10.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Lab ID	: L2600637-01	**Date Collected**	: 01/06/26 12:00
Client ID	: AREA05-BOTTOM-01062026	**Date Received**	: 01/07/26
Sample Location	: AREA E 140 LEE ST	**Date Analyzed**	: 01/09/26 15:57
Sample Matrix	: SOIL	**Date Extracted**	: 01/09/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 00637-01	**Analyst**	: JG
Sample Amount	: 30.12 g	**Instrument ID**	: MORK
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 75
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-02	Date Collected	: 01/06/26 13:45
Client ID	: AREA05-NW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:17
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-02	Analyst	: JG
Sample Amount	: 30.6 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	170	22.	U
118-74-1	Hexachlorobenzene	ND	120	23.	U
111-44-4	Bis(2-chloroethyl)ether	ND	190	28.	U
91-58-7	2-Chloronaphthalene	ND	210	21.	U
91-94-1	3,3'-Dichlorobenzidine	ND	210	56.	U
121-14-2	2,4-Dinitrotoluene	ND	210	42.	U
606-20-2	2,6-Dinitrotoluene	ND	210	36.	U
206-44-0	Fluoranthene	ND	120	24.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	22.	U
101-55-3	4-Bromophenyl phenyl ether	ND	210	32.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	250	36.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	220	21.	U
87-68-3	Hexachlorobutadiene	ND	210	30.	U
77-47-4	Hexachlorocyclopentadiene	ND	600	190	U
67-72-1	Hexachloroethane	ND	170	34.	U
78-59-1	Isophorone	ND	190	27.	U
91-20-3	Naphthalene	ND	210	25.	U
98-95-3	Nitrobenzene	ND	190	31.	U
86-30-6	NDPA/DPA	ND	170	24.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	210	32.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	210	72.	U
85-68-7	Butyl benzyl phthalate	ND	210	53.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-02	Date Collected	: 01/06/26 13:45
Client ID	: AREA05-NW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:17
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-02	Analyst	: JG
Sample Amount	: 30.6 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	210	40.	U
117-84-0	Di-n-octylphthalate	ND	210	71.	U
84-66-2	Diethyl phthalate	ND	210	19.	U
131-11-3	Dimethyl phthalate	ND	210	44.	U
56-55-3	Benzo(a)anthracene	ND	120	24.	U
50-32-8	Benzo(a)pyrene	ND	170	51.	U
205-99-2	Benzo(b)fluoranthene	ND	120	35.	U
207-08-9	Benzo(k)fluoranthene	ND	120	33.	U
218-01-9	Chrysene	ND	120	22.	U
208-96-8	Acenaphthylene	ND	170	32.	U
120-12-7	Anthracene	ND	120	41.	U
191-24-2	Benzo(ghi)perylene	ND	170	24.	U
86-73-7	Fluorene	ND	210	20.	U
85-01-8	Phenanthrene	ND	120	25.	U
53-70-3	Dibenzo(a,h)anthracene	ND	120	24.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	29.	U
129-00-0	Pyrene	ND	120	21.	U
92-52-4	Biphenyl	ND	480	27.	U
106-47-8	4-Chloroaniline	ND	210	38.	U
88-74-4	2-Nitroaniline	ND	210	40.	U
99-09-2	3-Nitroaniline	ND	210	39.	U
100-01-6	4-Nitroaniline	ND	210	86.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-02	Date Collected	: 01/06/26 13:45
Client ID	: AREA05-NW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:17
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-02	Analyst	: JG
Sample Amount	: 30.6 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	210	20.	U
91-57-6	2-Methylnaphthalene	ND	250	25.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	22.	U
98-86-2	Acetophenone	ND	210	26.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	40.	U
59-50-7	p-Chloro-m-cresol	ND	210	31.	U
95-57-8	2-Chlorophenol	180	210	25.	J
120-83-2	2,4-Dichlorophenol	ND	190	34.	U
105-67-9	2,4-Dimethylphenol	ND	210	69.	U
88-75-5	2-Nitrophenol	ND	450	78.	U
100-02-7	4-Nitrophenol	ND	290	85.	U
51-28-5	2,4-Dinitrophenol	ND	1000	97.	U
534-52-1	4,6-Dinitro-o-cresol	ND	540	100	U
87-86-5	Pentachlorophenol	ND	170	46.	U
108-95-2	Phenol	ND	210	32.	U
95-48-7	2-Methylphenol	ND	210	32.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	300	33.	U
95-95-4	2,4,5-Trichlorophenol	ND	210	40.	U
86-74-8	Carbazole	ND	210	20.	U
1912-24-9	Atrazine	ND	170	73.	U
100-52-7	Benzaldehyde	ND	280	56.	U
105-60-2	Caprolactam	ND	210	64.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-02	Date Collected	: 01/06/26 13:45
Client ID	: AREA05-NW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:17
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-02	Analyst	: JG
Sample Amount	: 30.6 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	42.	U
123-91-1	1,4-Dioxane	ND	31	9.6	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Lab ID	: L2600637-02	**Date Collected**	: 01/06/26 13:45
Client ID	: AREA05-NW-01062026	**Date Received**	: 01/07/26
Sample Location	: AREA E 140 LEE ST	**Date Analyzed**	: 01/09/26 16:17
Sample Matrix	: SOIL	**Date Extracted**	: 01/09/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 00637-02	**Analyst**	: JG
Sample Amount	: 30.6 g	**Instrument ID**	: MORK
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 78
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000108-90-7	Benzene, chloro-	1.78	12600	NJ
	Total TIC Compounds		12600J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-03	Date Collected	: 01/06/26 14:10
Client ID	: AREA05-WW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:37
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-03	Analyst	: JG
Sample Amount	: 30.5 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	180	23.	U
118-74-1	Hexachlorobenzene	ND	130	25.	U
111-44-4	Bis(2-chloroethyl)ether	ND	200	30.	U
91-58-7	2-Chloronaphthalene	ND	220	22.	U
91-94-1	3,3'-Dichlorobenzidine	ND	220	58.	U
121-14-2	2,4-Dinitrotoluene	ND	220	44.	U
606-20-2	2,6-Dinitrotoluene	ND	220	38.	U
206-44-0	Fluoranthene	ND	130	25.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	24.	U
101-55-3	4-Bromophenyl phenyl ether	ND	220	34.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	260	38.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	240	22.	U
87-68-3	Hexachlorobutadiene	ND	220	32.	U
77-47-4	Hexachlorocyclopentadiene	ND	630	200	U
67-72-1	Hexachloroethane	ND	180	36.	U
78-59-1	Isophorone	ND	200	28.	U
91-20-3	Naphthalene	ND	220	27.	U
98-95-3	Nitrobenzene	ND	200	32.	U
86-30-6	NDPA/DPA	ND	180	25.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	220	34.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	220	76.	U
85-68-7	Butyl benzyl phthalate	ND	220	55.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-03	Date Collected	: 01/06/26 14:10
Client ID	: AREA05-WW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:37
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-03	Analyst	: JG
Sample Amount	: 30.5 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	220	42.	U
117-84-0	Di-n-octylphthalate	ND	220	75.	U
84-66-2	Diethyl phthalate	ND	220	20.	U
131-11-3	Dimethyl phthalate	ND	220	46.	U
56-55-3	Benzo(a)anthracene	ND	130	25.	U
50-32-8	Benzo(a)pyrene	ND	180	54.	U
205-99-2	Benzo(b)fluoranthene	ND	130	37.	U
207-08-9	Benzo(k)fluoranthene	ND	130	35.	U
218-01-9	Chrysene	ND	130	23.	U
208-96-8	Acenaphthylene	ND	180	34.	U
120-12-7	Anthracene	ND	130	43.	U
191-24-2	Benzo(ghi)perylene	ND	180	26.	U
86-73-7	Fluorene	ND	220	21.	U
85-01-8	Phenanthrene	ND	130	27.	U
53-70-3	Dibenzo(a,h)anthracene	ND	130	25.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	31.	U
129-00-0	Pyrene	ND	130	22.	U
92-52-4	Biphenyl	ND	500	29.	U
106-47-8	4-Chloroaniline	ND	220	40.	U
88-74-4	2-Nitroaniline	ND	220	42.	U
99-09-2	3-Nitroaniline	ND	220	42.	U
100-01-6	4-Nitroaniline	ND	220	91.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-03	Date Collected	: 01/06/26 14:10
Client ID	: AREA05-WW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:37
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-03	Analyst	: JG
Sample Amount	: 30.5 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	220	21.	U
91-57-6	2-Methylnaphthalene	ND	260	26.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	23.	U
98-86-2	Acetophenone	ND	220	27.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	42.	U
59-50-7	p-Chloro-m-cresol	ND	220	33.	U
95-57-8	2-Chlorophenol	ND	220	26.	U
120-83-2	2,4-Dichlorophenol	ND	200	35.	U
105-67-9	2,4-Dimethylphenol	ND	220	73.	U
88-75-5	2-Nitrophenol	ND	480	83.	U
100-02-7	4-Nitrophenol	ND	310	90.	U
51-28-5	2,4-Dinitrophenol	ND	1000	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	570	100	U
87-86-5	Pentachlorophenol	ND	180	48.	U
108-95-2	Phenol	ND	220	33.	U
95-48-7	2-Methylphenol	ND	220	34.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	320	34.	U
95-95-4	2,4,5-Trichlorophenol	ND	220	42.	U
86-74-8	Carbazole	ND	220	21.	U
1912-24-9	Atrazine	ND	180	77.	U
100-52-7	Benzaldehyde	ND	290	59.	U
105-60-2	Caprolactam	ND	220	67.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-03	Date Collected	: 01/06/26 14:10
Client ID	: AREA05-WW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:37
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-03	Analyst	: JG
Sample Amount	: 30.5 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	44.	U
123-91-1	1,4-Dioxane	ND	33	10.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Lab ID	: L2600637-03	**Date Collected**	: 01/06/26 14:10
Client ID	: AREA05-WW-01062026	**Date Received**	: 01/07/26
Sample Location	: AREA E 140 LEE ST	**Date Analyzed**	: 01/09/26 16:37
Sample Matrix	: SOIL	**Date Extracted**	: 01/09/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 00637-03	**Analyst**	: JG
Sample Amount	: 30.5 g	**Instrument ID**	: MORK
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 75
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-04	Date Collected	: 01/06/26 14:15
Client ID	: AREA05-SW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:56
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-04	Analyst	: JG
Sample Amount	: 30.71 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	170	22.	U
118-74-1	Hexachlorobenzene	ND	130	24.	U
111-44-4	Bis(2-chloroethyl)ether	ND	190	29.	U
91-58-7	2-Chloronaphthalene	ND	210	21.	U
91-94-1	3,3'-Dichlorobenzidine	ND	210	56.	U
121-14-2	2,4-Dinitrotoluene	ND	210	42.	U
606-20-2	2,6-Dinitrotoluene	ND	210	36.	U
206-44-0	Fluoranthene	ND	130	24.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	23.	U
101-55-3	4-Bromophenyl phenyl ether	ND	210	32.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	250	36.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	230	21.	U
87-68-3	Hexachlorobutadiene	ND	210	31.	U
77-47-4	Hexachlorocyclopentadiene	ND	610	190	U
67-72-1	Hexachloroethane	ND	170	34.	U
78-59-1	Isophorone	ND	190	28.	U
91-20-3	Naphthalene	ND	210	26.	U
98-95-3	Nitrobenzene	ND	190	31.	U
86-30-6	NDPA/DPA	ND	170	24.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	210	33.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	210	73.	U
85-68-7	Butyl benzyl phthalate	ND	210	53.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-04	Date Collected	: 01/06/26 14:15
Client ID	: AREA05-SW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:56
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-04	Analyst	: JG
Sample Amount	: 30.71 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	210	40.	U
117-84-0	Di-n-octylphthalate	ND	210	72.	U
84-66-2	Diethyl phthalate	ND	210	20.	U
131-11-3	Dimethyl phthalate	ND	210	44.	U
56-55-3	Benzo(a)anthracene	ND	130	24.	U
50-32-8	Benzo(a)pyrene	ND	170	52.	U
205-99-2	Benzo(b)fluoranthene	ND	130	36.	U
207-08-9	Benzo(k)fluoranthene	ND	130	34.	U
218-01-9	Chrysene	ND	130	22.	U
208-96-8	Acenaphthylene	ND	170	33.	U
120-12-7	Anthracene	ND	130	41.	U
191-24-2	Benzo(ghi)perylene	ND	170	25.	U
86-73-7	Fluorene	ND	210	21.	U
85-01-8	Phenanthrene	ND	130	26.	U
53-70-3	Dibenzo(a,h)anthracene	ND	130	24.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	30.	U
129-00-0	Pyrene	ND	130	21.	U
92-52-4	Biphenyl	ND	480	28.	U
106-47-8	4-Chloroaniline	ND	210	38.	U
88-74-4	2-Nitroaniline	ND	210	41.	U
99-09-2	3-Nitroaniline	ND	210	40.	U
100-01-6	4-Nitroaniline	ND	210	88.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-04	Date Collected	: 01/06/26 14:15
Client ID	: AREA05-SW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:56
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-04	Analyst	: JG
Sample Amount	: 30.71 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	210	20.	U
91-57-6	2-Methylnaphthalene	ND	250	26.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	22.	U
98-86-2	Acetophenone	ND	210	26.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	40.	U
59-50-7	p-Chloro-m-cresol	ND	210	32.	U
95-57-8	2-Chlorophenol	ND	210	25.	U
120-83-2	2,4-Dichlorophenol	ND	190	34.	U
105-67-9	2,4-Dimethylphenol	ND	210	70.	U
88-75-5	2-Nitrophenol	ND	460	80.	U
100-02-7	4-Nitrophenol	ND	300	86.	U
51-28-5	2,4-Dinitrophenol	ND	1000	99.	U
534-52-1	4,6-Dinitro-o-cresol	ND	550	100	U
87-86-5	Pentachlorophenol	ND	170	47.	U
108-95-2	Phenol	ND	210	32.	U
95-48-7	2-Methylphenol	ND	210	33.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	300	33.	U
95-95-4	2,4,5-Trichlorophenol	ND	210	41.	U
86-74-8	Carbazole	ND	210	21.	U
1912-24-9	Atrazine	ND	170	74.	U
100-52-7	Benzaldehyde	ND	280	57.	U
105-60-2	Caprolactam	ND	210	64.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: L2600637-04	Date Collected	: 01/06/26 14:15
Client ID	: AREA05-SW-01062026	Date Received	: 01/07/26
Sample Location	: AREA E 140 LEE ST	Date Analyzed	: 01/09/26 16:56
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 00637-04	Analyst	: JG
Sample Amount	: 30.71 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	43.	U
123-91-1	1,4-Dioxane	ND	32	9.8	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Lab ID	: L2600637-04	**Date Collected**	: 01/06/26 14:15
Client ID	: AREA05-SW-01062026	**Date Received**	: 01/07/26
Sample Location	: AREA E 140 LEE ST	**Date Analyzed**	: 01/09/26 16:56
Sample Matrix	: SOIL	**Date Extracted**	: 01/09/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 00637-04	**Analyst**	: JG
Sample Amount	: 30.71 g	**Instrument ID**	: MORK
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 77
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2163236-1	Date Collected	: NA
Client ID	: WG2163236-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/09/26 15:37
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 163236-1	Analyst	: JG
Sample Amount	: 30.66 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	130	17.	U
118-74-1	Hexachlorobenzene	ND	98	18.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	22.	U
91-58-7	2-Chloronaphthalene	ND	160	16.	U
91-94-1	3,3'-Dichlorobenzidine	ND	160	43.	U
121-14-2	2,4-Dinitrotoluene	ND	160	33.	U
606-20-2	2,6-Dinitrotoluene	ND	160	28.	U
206-44-0	Fluoranthene	ND	98	19.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	160	17.	U
101-55-3	4-Bromophenyl phenyl ether	ND	160	25.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	28.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	16.	U
87-68-3	Hexachlorobutadiene	ND	160	24.	U
77-47-4	Hexachlorocyclopentadiene	ND	470	150	U
67-72-1	Hexachloroethane	ND	130	26.	U
78-59-1	Isophorone	ND	150	21.	U
91-20-3	Naphthalene	ND	160	20.	U
98-95-3	Nitrobenzene	ND	150	24.	U
86-30-6	NDPA/DPA	ND	130	18.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	160	25.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	160	56.	U
85-68-7	Butyl benzyl phthalate	ND	160	41.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2163236-1	Date Collected	: NA
Client ID	: WG2163236-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/09/26 15:37
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 163236-1	Analyst	: JG
Sample Amount	: 30.66 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	160	31.	U
117-84-0	Di-n-octylphthalate	ND	160	55.	U
84-66-2	Diethyl phthalate	ND	160	15.	U
131-11-3	Dimethyl phthalate	ND	160	34.	U
56-55-3	Benzo(a)anthracene	ND	98	18.	U
50-32-8	Benzo(a)pyrene	ND	130	40.	U
205-99-2	Benzo(b)fluoranthene	ND	98	27.	U
207-08-9	Benzo(k)fluoranthene	ND	98	26.	U
218-01-9	Chrysene	ND	98	17.	U
208-96-8	Acenaphthylene	ND	130	25.	U
120-12-7	Anthracene	ND	98	32.	U
191-24-2	Benzo(ghi)perylene	ND	130	19.	U
86-73-7	Fluorene	ND	160	16.	U
85-01-8	Phenanthrene	ND	98	20.	U
53-70-3	Dibenzo(a,h)anthracene	ND	98	19.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	130	23.	U
129-00-0	Pyrene	ND	98	16.	U
92-52-4	Biphenyl	ND	370	21.	U
106-47-8	4-Chloroaniline	ND	160	30.	U
88-74-4	2-Nitroaniline	ND	160	31.	U
99-09-2	3-Nitroaniline	ND	160	31.	U
100-01-6	4-Nitroaniline	ND	160	68.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2163236-1	Date Collected	: NA
Client ID	: WG2163236-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/09/26 15:37
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 163236-1	Analyst	: JG
Sample Amount	: 30.66 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	160	15.	U
91-57-6	2-Methylnaphthalene	ND	200	20.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	160	17.	U
98-86-2	Acetophenone	ND	160	20.	U
88-06-2	2,4,6-Trichlorophenol	ND	98	31.	U
59-50-7	p-Chloro-m-cresol	ND	160	24.	U
95-57-8	2-Chlorophenol	ND	160	19.	U
120-83-2	2,4-Dichlorophenol	ND	150	26.	U
105-67-9	2,4-Dimethylphenol	ND	160	54.	U
88-75-5	2-Nitrophenol	ND	350	61.	U
100-02-7	4-Nitrophenol	ND	230	66.	U
51-28-5	2,4-Dinitrophenol	ND	780	76.	U
534-52-1	4,6-Dinitro-o-cresol	ND	420	78.	U
87-86-5	Pentachlorophenol	ND	130	36.	U
108-95-2	Phenol	ND	160	25.	U
95-48-7	2-Methylphenol	ND	160	25.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	230	26.	U
95-95-4	2,4,5-Trichlorophenol	ND	160	31.	U
86-74-8	Carbazole	ND	160	16.	U
1912-24-9	Atrazine	ND	130	57.	U
100-52-7	Benzaldehyde	ND	220	44.	U
105-60-2	Caprolactam	ND	160	50.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E
Lab ID	: WG2163236-1	Date Collected	: NA
Client ID	: WG2163236-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/09/26 15:37
Sample Matrix	: SOIL	Date Extracted	: 01/09/26
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 163236-1	Analyst	: JG
Sample Amount	: 30.66 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	160	33.	U
123-91-1	1,4-Dioxane	ND	24	7.5	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2600637
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E
Lab ID	: WG2163236-1	**Date Collected**	: NA
Client ID	: WG2163236-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 01/09/26 15:37
Sample Matrix	: SOIL	**Date Extracted**	: 01/09/26
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 163236-1	**Analyst**	: JG
Sample Amount	: 30.66 g	**Instrument ID**	: MORK
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: NA
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		Lab Number	: L2600637	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E	
Instrument ID	: MORK		Calibration Date	: 01/09/26 09:59	
Lab File ID	: ABN0109		Init. Calib. Date(s)	: 12/09/25	12/10/25
Sample No	: WG2163439-3		Init. Calib. Times	: 17:40	04:20
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	74	0
n-Nitrosodimethylamine	0.593	0.64	-	-7.9	20	78	0
Pyridine	1.05	1.173	-	-11.7	20	82	0
2-Fluorophenol	0.961	1.004	-	-4.5	20	76	0
Aniline	1.59	1.569	-	1.3	20	71	0
2-Chlorophenol	1.15	1.207	-	-5	20	75	0
Phenol-d6	1.192	1.227	-	-2.9	20	73	0
Phenol	1.24	1.292	-	-4.2	20	74	0
Bis(2-chloroethyl)ether	0.91	0.839	-	7.8	20	69	0
1,3-Dichlorobenzene	1.442	1.407	-	2.4	20	72	0
1,4-Dichlorobenzene	1.443	1.451	-	-0.6	20	74	0
1,2-Dichlorobenzene	1.382	1.358	-	1.7	20	73	0
Benzyl alcohol	0.863	0.966	-	-11.9	20	77	0
Bis(2-chloroisopropyl)ethe	1.173	0.865	-	26.3*	20	54	0
2-Methylphenol	0.945	0.974	-	-3.1	20	72	0
Hexachloroethane	0.528	0.531	-	-0.6	20	74	0
n-Nitrosodi-n-propylamine	0.735	0.766	-	-4.2	20	75	0
3-Methylphenol/4-Methylphe	1.001	1.075	-	-7.4	20	76	0
Nitrobenzene-d5	1.065	1.217	-	-14.3	20	82	0
Nitrobenzene	1.084	1.204	-	-11.1	20	81	0
Isophorone	1.943	2.058	-	-5.9	20	76	0
2-Nitrophenol	0.613	0.678	-	-10.6	20	78	0
2,4-Dimethylphenol	1.128	1.199	-	-6.3	20	76	0
Bis(2-chloroethoxy)methane	1.215	1.19	-	2.1	20	71	0
2,4-Dichlorophenol	1.2	1.191	-	0.7	20	69	0
1,2,4-Trichlorobenzene	1.459	1.298	-	11	20	65	0
IS1_Naphthalene-d8	1	1	-	0	20	78	0
Naphthalene	0.989	0.987	-	0.2	20	80	0
Benzoic Acid	0.239	0.225	-	5.9	20	70	0
4-Chloroaniline	0.106	0.114	-	-7.5	20	81	0
Hexachlorobutadiene	0.286	0.213	-	25.5*	20	60	0
p-Chloro-m-cresol	0.283	0.293	-	-3.5	20	79	0
2-Methylnaphthalene	0.668	0.633	-	5.2	20	74	0
1-Methylnaphthalene	0.244	0.245	-	-0.4	20	79	0
Hexachlorocyclopentadiene	0.315	0.192	-	39*	20	43	0
2,4,6-Trichlorophenol	0.301	0.246	-	18.3	20	63	0
2,4,5-Trichlorophenol	0.331	0.274	-	17.2	20	63	0
2-Fluorobiphenyl	0.975	0.846	-	13.2	20	69	0
2-Chloronaphthalene	0.797	0.735	-	7.8	20	73	0
2-Nitroaniline	0.22	0.236	-	-7.3	20	80	0
1,4-Dinitrobenzene	0.102	0.101	-	1	20	71	0
1,3-Dinitrobenzene	0.118	0.112	-	5.1	20	71	0
Dimethyl phthalate	0.961	0.857	-	10.8	20	71	0

* Value outside of QC limits.

Data Usability Summary Report

Vali-Data of WNY, LLC
89 Morningside Dr.
Grand Island, NY 14072

140 Lee St. Area E
Pace Analytical Services SDG#L2580856
June 6, 2026
Revised: June 15, 2026
Sampling date: 12/15, 16, 18/2025

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
89 Morningside Dr.
Grand Island, NY 14072

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package (revised June 15, 2026) for Inventum Engineering, project located at 140 Lee St. Area E, Pace Analytical Services SDG#L2580856 submitted to Vali-Data of WNY, LLC on June 2, 2026. This DUSR has been prepared in general compliance with USEPA National Functional Guidelines (NFG) and NYSDEC Analytical Services Protocols. The laboratory performed the analyses using USEPA method Volatile Organics (8260D), Semi-Volatile Organics (8270E) and wet chemistry methods.

ID	Sample ID	Laboratory ID
1	AREA01-SW-12152025	L2580856-01
2	AREA01-BOTTOM-12152025	L2580856-02
3	AREA02-NW-12152025	L2580856-03
4	AREA03-SW-12162025	L2580856-04
5	AREA03-NW-12162025	L2580856-05
6	AREA03-EW-12162025	L2580856-06
7	AREA03-BOTTOM-12162025	L2580856-07
8	AREA04-BOTTOM-12182025	L2580856-08
9	AREA04-SW-12182025	L2580856-09
10	AREA04-WW-12182025	L2580856-10
11	NW-PIPE-12182025	L2580856-11
12	WW-PIPE-12182025	L2580856-12

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Internal Standard (IS) Area Performance
-Surrogate Spike Recoveries
-Method Blank
-Field Duplicate Sample Precision
-Laboratory Control Samples
-MS/MSD
-Compound Quantitation
-Initial Calibration
-Continuing Calibration
-GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in the Compound Quantitation, Initial Calibration and Continuing Calibration.

Samples: DUSR ID#1, #4, #6, #11 and #12 were diluted due to high target analyte concentrations.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
No field duplicate was acquired.

LABORATORY CONTROL SAMPLES
All criteria were met.
Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

MS/MSD
No MS/MSD was acquired.

COMPOUND QUANTITATION

All target analytes in which the concentrations are <200ug/kg should be qualified as estimated low in all of the samples because they were not 5035-L/5035A-L compliant.

INITIAL CALIBRATION

All criteria were met except a couple of target analytes were outside QC limits in the initial calibrations and/or the initial calibration verifications and should be qualified as estimated in the associated samples, blanks and spikes.

ICal/ICV ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
ICV VOA104	Acetone	46.5	UJ/J	WG2159734, WG2160213, 4D2, 6D2, 7(12/29)
ICV VOA100	Bromomethane	-39.8	UJ/J	WG2159676, WG2159678, 1-3, 5, 7(12/28), 8-10, 12D
ICV VOA100	Carbon disulfide	25.1	UJ/J	WG2159676, WG2159678, 1-3, 5, 7(12/28), 8-10, 12D
ICV VOA100	Acetone	48.2	UJ/J	WG2159676, WG2159678, 1-3, 5, 7(12/28), 8-10, 12D
ICV VOA123	Dichlorodifluoromethane	-40.9	UJ/J	WG2160756, 11D2
ICV VOA123	Bromomethane	-31.3	UJ/J	WG2160756, 11D2

Alternate forms of regression were used on target analytes with the %RSD>20% with acceptable results, except where qualified above.

CONTINUING CALIBRATION

All criteria were met except several target analytes were outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
WG2159676-2, WG2159678-2	Bromomethane	-40.4	UJ/J	WG2159676, WG2159678, 1-3, 5, 7(12/28), 8-10, 12D
WG2159734-2, WG2160213-2	Bromomethane	-33.5	UJ/J	WG2159734-2, WG2160213-2, 4D2, 6D2, 7(12/29)
WG2159734-2, WG2160213-2	Acetone	40.5	UJ/J	WG2159734-2, WG2160213-2, 4D2, 6D2, 7(12/29)
WG2159734-2, WG2160213-2	n-Propylbenzene	-26.7	UJ/J	WG2159734-2, WG2160213-2, 4D2, 6D2, 7(12/29)
WG2159734-2, WG2160213-2	sec-Butylbenzene	-22.4	UJ/J	WG2159734-2, WG2160213-2, 4D2, 6D2, 7(12/29)
WG2159734-2, WG2160213-2	n-Butylbenzene	-28.8	UJ/J	WG2159734-2, WG2160213-2, 4D2, 6D2, 7(12/29)

CCal ID	Target Analyte	RRF/%D	Qualifier	Associated Sample
WG2160756-2	Chloromethane	31.7	UJ/J	WG2160756, 11D2
WG2160756-2	Acetone	-51.5	UJ/J	WG2160756, 11D2

Some target analytes were outside laboratory QC limits but within NFG QC limits, so no further action is required.

GC/MS PERFORMANCE CHECK
All criteria were met.

SEMIVOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

- Data Completeness
- Narrative and Data Reporting Forms
- Chain of Custody and Traffic Reports
- Holding Times
- Internal Standard (IS) Area Performance
- Surrogate Spike Recoveries
- Method Blank
- Laboratory Control Samples
- MS/MSD
- Compound Quantitation
- Initial Calibration
- Continuing Calibration
- GC/MS Performance Check

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Laboratory Control Samples and Continuing Calibration.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

INTERNAL STANDARD (IS)
All criteria were met.

SURROGATE SPIKE RECOVERIES
All criteria were met.

METHOD BLANK
All the criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
No field duplicate was acquired.

LABORATORY CONTROL SAMPLES
All criteria were met except a target analyte was outside QC limits in the laboratory control samples and should be qualified as estimated.

LCS/LCSD ID	Target Analyte	%Rec LCS	%Rec LCSD	Qualifier	Associated Sample
WG2158852	Hexachlorocyclopentadiene	36	33	UJ	1-3

MS/MSD
No MS/MSD was acquired.

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met.

CONTINUING CALIBRATION
All criteria were met except a couple of target analytes were outside QC limits in the continuing calibration and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%D	Qualifier	Associated Sample
WG2159109-3	2-Nitrophenol	-22.4	UJ/J	WG2158852
WG2159109-3	Hexachlorobutadiene	27.2	UJ/J	WG2158852
WG2159109-3	Hexachlorocyclopentadiene	43	UJ/J	WG2158852
WG2159109-3	4,6-Dinitro-2-methylphenol	-31.6	UJ/J	WG2158852

CCal ID	Target Analyte	%D	Qualifier	Associated Sample
WG2159109-4	Caprolactam	-40.9	UJ/J	WG2158852
WG2159560-3	Nitrobenzene	-21.6	UJ	1-3
WG2159560-3	2-Nitrophenol	-60.1	UJ	1-3
WG2159560-3	2,4,6-Trichlorophenol	-22.1	UJ	1-3
WG2159560-3	Hexachlorocyclopentadiene	-48.7	UJ	1-3
WG2159560-3	4,6-Dinitro-2-methylphenol	-46.1	UJ	1-3
WG2159560-3	2-Nitroaniline	-34.6	UJ	1-3
WG2159560-3	2,6-Dinitrotoluene	-23.7	UJ	1-3
WG2159560-3	2,4-Dinitrophenol	-75.4	UJ	1-3
WG2159560-4	Benzaldehyde	-48.8	UJ	1-3
WG2159627-3	Bis(2-chloroisopropyl)ether	33.3	UJ/J	WG2159340
WG2161048-3	Hexachlorobutadiene	24.5	UJ	4-7
WG2161293-3	Bis(2-chloroisopropyl)ether	-41.2	UJ/J	WG2160343, 8-12
WG2161293-3	2-Nitrophenol	-30.8	UJ/J	WG2160343, 8-12
WG2161293-3	4,6-Dinitro-2-methylphenol	-41.4	UJ/J	WG2160343, 8-12
WG2161293-3	Bis(2-ethylhexyl)phthalate	-28.9	UJ/J	WG2160343, 8-12
WG2161293-4	Caprolactam	-48.2	UJ/J	WG2160343, 8-12

GC/MS PERFORMANCE CHECK
All criteria were met.

GENERAL CHEMISTRY

The following items/criteria were reviewed for this analytical suite:

- %Solids

The items listed above were technically in compliance with the method and SOP criteria with any exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below.

%SOLIDS
All criteria were met.

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics

L2580856-01, -02, -03, -04, -05, -06, -07, -08, -09, -10, -11, and -12: Any reported concentrations that are below 200 ug/kg may be biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

L2580856-05 and -07: The sample was analyzed as a Methanol based upon screen results. The sample was then analyzed as a Straight Soil in order to achieve lower reporting limits. The results of both analyses are reported. Differences were noted between the results of the analyses which have been attributed to sample non-homogeneity.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Tiffani Morrissey Report Date: 01/06/26

Title: Technical Director/Representative

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-01	Date Collected	: 12/15/25 13:00
Client ID	: AREA01-SW-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 18:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A08	Instrument ID	: VOA100
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 75
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	410	190	U
75-34-3	1,1-Dichloroethane	ND	82	12.	U
67-66-3	Chloroform	14	120	12.	J
56-23-5	Carbon tetrachloride	ND	82	19.	U
78-87-5	1,2-Dichloropropane	ND	82	10.	U
124-48-1	Dibromochloromethane	ND	82	12.	U
79-00-5	1,1,2-Trichloroethane	ND	82	22.	U
127-18-4	Tetrachloroethene	ND	41	16.	U
108-90-7	Chlorobenzene	31000	41	10.	E
75-69-4	Trichlorofluoromethane	ND	330	57.	U
107-06-2	1,2-Dichloroethane	ND	82	21.	U
71-55-6	1,1,1-Trichloroethane	ND	41	14.	U
75-27-4	Bromodichloromethane	ND	41	9.0	U
10061-02-6	trans-1,3-Dichloropropene	ND	82	22.	U
10061-01-5	cis-1,3-Dichloropropene	ND	41	13.	U
75-25-2	Bromoform	ND	330	20.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	41	14.	U
71-43-2	Benzene	ND	41	14.	U
108-88-3	Toluene	ND	82	45.	U
100-41-4	Ethylbenzene	ND	82	12.	U
74-87-3	Chloromethane	ND	330	77.	U
74-83-9	Bromomethane	ND	160	48.	U
75-01-4	Vinyl chloride	ND	82	28.	U
75-00-3	Chloroethane	ND	160	37.	U
75-35-4	1,1-Dichloroethene	ND	82	20.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-01	Date Collected	: 12/15/25 13:00
Client ID	: AREA01-SW-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 18:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A08	Instrument ID	: VOA100
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 75
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	120	11.	U
79-01-6	Trichloroethene	ND	41	11.	U
95-50-1	1,2-Dichlorobenzene	ND	160	12.	U
541-73-1	1,3-Dichlorobenzene	ND	160	12.	U
106-46-7	1,4-Dichlorobenzene	ND	160	14.	U
1634-04-4	Methyl tert butyl ether	ND	160	16.	U
179601-23-1	p/m-Xylene	ND	160	46.	U
95-47-6	o-Xylene	ND	82	24.	U
156-59-2	cis-1,2-Dichloroethene	ND	82	14.	U
100-42-5	Styrene	ND	82	16.	U
75-71-8	Dichlorodifluoromethane	ND	820	75.	U
67-64-1	Acetone	ND	820	400	U
75-15-0	Carbon disulfide	ND	820	370	U
78-93-3	2-Butanone	ND	820	180	U
108-10-1	4-Methyl-2-pentanone	ND	820	100	U
591-78-6	2-Hexanone	ND	820	97.	U
106-93-4	1,2-Dibromoethane	ND	82	23.	U
104-51-8	n-Butylbenzene	ND	82	14.	U
135-98-8	sec-Butylbenzene	ND	82	12.	U
98-06-6	tert-Butylbenzene	ND	160	9.7	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	250	82.	U
98-82-8	Isopropylbenzene	ND	82	9.0	U
99-87-6	p-Isopropyltoluene	ND	82	9.0	U
91-20-3	Naphthalene	ND	330	54.	U
103-65-1	n-Propylbenzene	ND	82	14.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-01	Date Collected	: 12/15/25 13:00
Client ID	: AREA01-SW-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 18:45
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A08	Instrument ID	: VOA100
Sample Amount	: 5.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 75
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	160	22.	U
108-67-8	1,3,5-Trimethylbenzene	ND	160	16.	U
95-63-6	1,2,4-Trimethylbenzene	ND	160	28.	U
79-20-9	Methyl Acetate	ND	330	78.	U
110-82-7	Cyclohexane	ND	820	45.	U
76-13-1	Freon-113	ND	330	57.	U
108-87-2	Methyl cyclohexane	ND	330	50.	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-01	**Date Collected**	: 12/15/25 13:00
Client ID	: AREA01-SW-12152025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/28/25 18:45
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V00251228A08	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 75
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-01D	**Date Collected**	: 12/15/25 13:00
Client ID	: AREA01-SW-12152025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/28/25 19:11
Sample Matrix	: SOIL	**Dilution Factor**	: 5
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V00251228A09	**Instrument ID**	: VOA100
Sample Amount	: 5.1 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: 75
Extract Volume (MeOH)	: 5 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
108-90-7	Chlorobenzene	32000	210	52.	

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-02	Date Collected	: 12/15/25 13:10
Client ID	: AREA01-BOTTOM-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 17:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A06	Instrument ID	: VOA100
Sample Amount	: 6.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 75
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.15	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.13	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	19	0.50	0.13	
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.28	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.55	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.94	U
74-83-9	Bromomethane	ND	2.0	0.59	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.46	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-02	Date Collected	: 12/15/25 13:10
Client ID	: AREA01-BOTTOM-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 17:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A06	Instrument ID	: VOA100
Sample Amount	: 6.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 75
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.66	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-02	Date Collected	: 12/15/25 13:10
Client ID	: AREA01-BOTTOM-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 17:53
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A06	Instrument ID	: VOA100
Sample Amount	: 6.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 75
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.34	U
79-20-9	Methyl Acetate	ND	4.0	0.96	U
110-82-7	Cyclohexane	ND	10	0.55	U
76-13-1	Freon-113	ND	4.0	0.70	U
108-87-2	Methyl cyclohexane	ND	4.0	0.61	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-02	**Date Collected**	: 12/15/25 13:10
Client ID	: AREA01-BOTTOM-12152025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/28/25 17:53
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V00251228A06	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 75
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-03	Date Collected	: 12/15/25 14:00
Client ID	: AREA02-NW-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 19:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A10	Instrument ID	: VOA100
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 78
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	350	160	U
75-34-3	1,1-Dichloroethane	ND	69	10.	U
67-66-3	Chloroform	18	100	9.7	J
56-23-5	Carbon tetrachloride	ND	69	16.	U
78-87-5	1,2-Dichloropropane	ND	69	8.7	U
124-48-1	Dibromochloromethane	ND	69	9.7	U
79-00-5	1,1,2-Trichloroethane	ND	69	18.	U
127-18-4	Tetrachloroethene	ND	35	14.	U
108-90-7	Chlorobenzene	6400	35	8.8	
75-69-4	Trichlorofluoromethane	ND	280	48.	U
107-06-2	1,2-Dichloroethane	ND	69	18.	U
71-55-6	1,1,1-Trichloroethane	ND	35	12.	U
75-27-4	Bromodichloromethane	ND	35	7.6	U
10061-02-6	trans-1,3-Dichloropropene	ND	69	19.	U
10061-01-5	cis-1,3-Dichloropropene	ND	35	11.	U
75-25-2	Bromoform	ND	280	17.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	35	12.	U
71-43-2	Benzene	ND	35	12.	U
108-88-3	Toluene	ND	69	38.	U
100-41-4	Ethylbenzene	ND	69	9.8	U
74-87-3	Chloromethane	ND	280	65.	U
74-83-9	Bromomethane	ND	140	40.	U
75-01-4	Vinyl chloride	ND	69	23.	U
75-00-3	Chloroethane	ND	140	31.	U
75-35-4	1,1-Dichloroethene	ND	69	16.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-03	Date Collected	: 12/15/25 14:00
Client ID	: AREA02-NW-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 19:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A10	Instrument ID	: VOA100
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 78
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	100	9.5	U
79-01-6	Trichloroethene	ND	35	9.5	U
95-50-1	1,2-Dichlorobenzene	30	140	10.	J
541-73-1	1,3-Dichlorobenzene	ND	140	10.	U
106-46-7	1,4-Dichlorobenzene	66	140	12.	J
1634-04-4	Methyl tert butyl ether	ND	140	14.	U
179601-23-1	p/m-Xylene	ND	140	39.	U
95-47-6	o-Xylene	ND	69	20.	U
156-59-2	cis-1,2-Dichloroethene	ND	69	12.	U
100-42-5	Styrene	ND	69	14.	U
75-71-8	Dichlorodifluoromethane	ND	690	64.	U
67-64-1	Acetone	ND	690	330	U
75-15-0	Carbon disulfide	ND	690	320	U
78-93-3	2-Butanone	ND	690	150	U
108-10-1	4-Methyl-2-pentanone	ND	690	89.	U
591-78-6	2-Hexanone	ND	690	82.	U
106-93-4	1,2-Dibromoethane	ND	69	19.	U
104-51-8	n-Butylbenzene	ND	69	12.	U
135-98-8	sec-Butylbenzene	ND	69	10.	U
98-06-6	tert-Butylbenzene	ND	140	8.2	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	210	69.	U
98-82-8	Isopropylbenzene	ND	69	7.6	U
99-87-6	p-Isopropyltoluene	ND	69	7.6	U
91-20-3	Naphthalene	ND	280	45.	U
103-65-1	n-Propylbenzene	ND	69	12.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-03	Date Collected	: 12/15/25 14:00
Client ID	: AREA02-NW-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 19:37
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A10	Instrument ID	: VOA100
Sample Amount	: 5.8 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 78
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	140	19.	U
108-67-8	1,3,5-Trimethylbenzene	ND	140	13.	U
95-63-6	1,2,4-Trimethylbenzene	ND	140	23.	U
79-20-9	Methyl Acetate	ND	280	66.	U
110-82-7	Cyclohexane	ND	690	38.	U
76-13-1	Freon-113	ND	280	48.	U
108-87-2	Methyl cyclohexane	ND	280	42.	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-03	**Date Collected**	: 12/15/25 14:00
Client ID	: AREA02-NW-12152025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/28/25 19:37
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V00251228A10	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 78
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-04D2	Date Collected	: 12/16/25 12:00
Client ID	: AREA03-SW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 16:21
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V04251229A24	Instrument ID	: VOA104
Sample Amount	: 5.5 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 71
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	840	390	U
75-34-3	1,1-Dichloroethane	ND	170	24.	U
67-66-3	Chloroform	ND	250	24.	U
56-23-5	Carbon tetrachloride	ND	170	39.	U
78-87-5	1,2-Dichloropropane	ND	170	21.	U
124-48-1	Dibromochloromethane	ND	170	24.	U
79-00-5	1,1,2-Trichloroethane	ND	170	45.	U
127-18-4	Tetrachloroethene	ND	84	33.	U
108-90-7	Chlorobenzene	77000	84	21.	E
75-69-4	Trichlorofluoromethane	ND	680	120	U
107-06-2	1,2-Dichloroethane	ND	170	43.	U
71-55-6	1,1,1-Trichloroethane	ND	84	28.	U
75-27-4	Bromodichloromethane	ND	84	18.	U
10061-02-6	trans-1,3-Dichloropropene	ND	170	46.	U
10061-01-5	cis-1,3-Dichloropropene	ND	84	27.	U
75-25-2	Bromoform	ND	680	42.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	84	28.	U
71-43-2	Benzene	ND	84	28.	U
108-88-3	Toluene	ND	170	92.	U
100-41-4	Ethylbenzene	ND	170	24.	U
74-87-3	Chloromethane	ND	680	160	U
74-83-9	Bromomethane	ND	340	98.	U
75-01-4	Vinyl chloride	ND	170	57.	U
75-00-3	Chloroethane	ND	340	76.	U
75-35-4	1,1-Dichloroethene	ND	170	40.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-04D2	Date Collected	: 12/16/25 12:00
Client ID	: AREA03-SW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 16:21
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V04251229A24	Instrument ID	: VOA104
Sample Amount	: 5.5 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 71
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	250	23.	U
79-01-6	Trichloroethene	ND	84	23.	U
95-50-1	1,2-Dichlorobenzene	ND	340	24.	U
541-73-1	1,3-Dichlorobenzene	ND	340	25.	U
106-46-7	1,4-Dichlorobenzene	ND	340	29.	U
1634-04-4	Methyl tert butyl ether	ND	340	34.	U
179601-23-1	p/m-Xylene	ND	340	95.	U
95-47-6	o-Xylene	ND	170	49.	U
156-59-2	cis-1,2-Dichloroethene	ND	170	30.	U
100-42-5	Styrene	ND	170	33.	U
75-71-8	Dichlorodifluoromethane	ND	1700	150	U
67-64-1	Acetone	ND	1700	810	U
75-15-0	Carbon disulfide	ND	1700	770	U
78-93-3	2-Butanone	ND	1700	380	U
108-10-1	4-Methyl-2-pentanone	ND	1700	220	U
591-78-6	2-Hexanone	ND	1700	200	U
106-93-4	1,2-Dibromoethane	ND	170	47.	U
104-51-8	n-Butylbenzene	ND	170	28.	U
135-98-8	sec-Butylbenzene	ND	170	25.	U
98-06-6	tert-Butylbenzene	ND	340	20.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	510	170	U
98-82-8	Isopropylbenzene	ND	170	18.	U
99-87-6	p-Isopropyltoluene	ND	170	18.	U
91-20-3	Naphthalene	ND	680	110	U
103-65-1	n-Propylbenzene	ND	170	29.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-04D2	Date Collected	: 12/16/25 12:00
Client ID	: AREA03-SW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 16:21
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V04251229A24	Instrument ID	: VOA104
Sample Amount	: 5.5 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 71
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	340	46.	U
108-67-8	1,3,5-Trimethylbenzene	ND	340	33.	U
95-63-6	1,2,4-Trimethylbenzene	ND	340	56.	U
79-20-9	Methyl Acetate	ND	680	160	U
110-82-7	Cyclohexane	ND	1700	92.	U
76-13-1	Freon-113	ND	680	120	U
108-87-2	Methyl cyclohexane	ND	680	100	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-04D	**Date Collected**	: 12/16/25 12:00
Client ID	: AREA03-SW-12162025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/28/25 20:03
Sample Matrix	: SOIL	**Dilution Factor**	: 5
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V00251228A11	**Instrument ID**	: VOA100
Sample Amount	: 5.5 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: 71
Extract Volume (MeOH)	: 5 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
108-90-7	Chlorobenzene	79000	210	54.	

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-04D2	Date Collected	: 12/16/25 12:00
Client ID	: AREA03-SW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 16:21
Sample Matrix	: SOIL	Dilution Factor	: 2
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V04251229A24	Instrument ID	: VOA104
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 71
Extract Volume (MeOH)	: NA	Injection Volume	: 0.05 g

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-05	Date Collected	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 20:55
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A13	Instrument ID	: VOA100
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 77
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	6.1	2.8	U
75-34-3	1,1-Dichloroethane	ND	1.2	0.18	U
67-66-3	Chloroform	ND	1.8	0.17	U
56-23-5	Carbon tetrachloride	ND	1.2	0.28	U
78-87-5	1,2-Dichloropropane	ND	1.2	0.15	U
124-48-1	Dibromochloromethane	ND	1.2	0.17	U
79-00-5	1,1,2-Trichloroethane	ND	1.2	0.33	U
127-18-4	Tetrachloroethene	ND	0.61	0.24	U
108-90-7	Chlorobenzene	220	0.61	0.16	
75-69-4	Trichlorofluoromethane	ND	4.9	0.85	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.31	U
71-55-6	1,1,1-Trichloroethane	ND	0.61	0.20	U
75-27-4	Bromodichloromethane	ND	0.61	0.13	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.33	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.61	0.19	U
75-25-2	Bromoform	ND	4.9	0.30	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.61	0.20	U
71-43-2	Benzene	ND	0.61	0.20	U
108-88-3	Toluene	ND	1.2	0.66	U
100-41-4	Ethylbenzene	ND	1.2	0.17	U
74-87-3	Chloromethane	ND	4.9	1.1	U
74-83-9	Bromomethane	ND	2.4	0.71	U
75-01-4	Vinyl chloride	ND	1.2	0.41	U
75-00-3	Chloroethane	ND	2.4	0.55	U
75-35-4	1,1-Dichloroethene	ND	1.2	0.29	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-05	Date Collected	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 20:55
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A13	Instrument ID	: VOA100
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 77
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.8	0.17	U
79-01-6	Trichloroethene	ND	0.61	0.17	U
95-50-1	1,2-Dichlorobenzene	ND	2.4	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.4	0.18	U
106-46-7	1,4-Dichlorobenzene	ND	2.4	0.21	U
1634-04-4	Methyl tert butyl ether	ND	2.4	0.24	U
179601-23-1	p/m-Xylene	ND	2.4	0.68	U
95-47-6	o-Xylene	ND	1.2	0.36	U
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.21	U
100-42-5	Styrene	ND	1.2	0.24	U
75-71-8	Dichlorodifluoromethane	ND	12	1.1	U
67-64-1	Acetone	7.5	12	5.9	J
75-15-0	Carbon disulfide	ND	12	5.6	U
78-93-3	2-Butanone	ND	12	2.7	U
108-10-1	4-Methyl-2-pentanone	ND	12	1.6	U
591-78-6	2-Hexanone	ND	12	1.4	U
106-93-4	1,2-Dibromoethane	ND	1.2	0.34	U
104-51-8	n-Butylbenzene	ND	1.2	0.20	U
135-98-8	sec-Butylbenzene	ND	1.2	0.18	U
98-06-6	tert-Butylbenzene	ND	2.4	0.14	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.7	1.2	U
98-82-8	Isopropylbenzene	ND	1.2	0.13	U
99-87-6	p-Isopropyltoluene	ND	1.2	0.13	U
91-20-3	Naphthalene	ND	4.9	0.79	U
103-65-1	n-Propylbenzene	ND	1.2	0.21	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-05	**Date Collected**	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/28/25 20:55
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V00251228A13	**Instrument ID**	: VOA100
Sample Amount	: 5.3 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: 77
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
120-82-1	1,2,4-Trichlorobenzene	ND	2.4	0.33	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.4	0.24	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.4	0.41	U
79-20-9	Methyl Acetate	ND	4.9	1.2	U
110-82-7	Cyclohexane	ND	12	0.66	U
76-13-1	Freon-113	ND	4.9	0.85	U
108-87-2	Methyl cyclohexane	ND	4.9	0.74	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-05	Date Collected	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 21:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A14	Instrument ID	: VOA100
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 77
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	360	170	U
75-34-3	1,1-Dichloroethane	ND	73	10.	U
67-66-3	Chloroform	ND	110	10.	U
56-23-5	Carbon tetrachloride	ND	73	17.	U
78-87-5	1,2-Dichloropropane	ND	73	9.1	U
124-48-1	Dibromochloromethane	ND	73	10.	U
79-00-5	1,1,2-Trichloroethane	ND	73	19.	U
127-18-4	Tetrachloroethene	ND	36	14.	U
108-90-7	Chlorobenzene	1000	36	9.3	
75-69-4	Trichlorofluoromethane	ND	290	51.	U
107-06-2	1,2-Dichloroethane	ND	73	19.	U
71-55-6	1,1,1-Trichloroethane	ND	36	12.	U
75-27-4	Bromodichloromethane	ND	36	8.0	U
10061-02-6	trans-1,3-Dichloropropene	ND	73	20.	U
10061-01-5	cis-1,3-Dichloropropene	ND	36	12.	U
75-25-2	Bromoform	ND	290	18.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	36	12.	U
71-43-2	Benzene	ND	36	12.	U
108-88-3	Toluene	ND	73	40.	U
100-41-4	Ethylbenzene	ND	73	10.	U
74-87-3	Chloromethane	ND	290	68.	U
74-83-9	Bromomethane	ND	150	42.	U
75-01-4	Vinyl chloride	ND	73	24.	U
75-00-3	Chloroethane	ND	150	33.	U
75-35-4	1,1-Dichloroethene	ND	73	17.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-05	Date Collected	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 21:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A14	Instrument ID	: VOA100
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 77
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	110	10.	U
79-01-6	Trichloroethene	ND	36	10.	U
95-50-1	1,2-Dichlorobenzene	ND	150	10.	U
541-73-1	1,3-Dichlorobenzene	ND	150	11.	U
106-46-7	1,4-Dichlorobenzene	ND	150	12.	U
1634-04-4	Methyl tert butyl ether	ND	150	15.	U
179601-23-1	p/m-Xylene	ND	150	41.	U
95-47-6	o-Xylene	ND	73	21.	U
156-59-2	cis-1,2-Dichloroethene	ND	73	13.	U
100-42-5	Styrene	ND	73	14.	U
75-71-8	Dichlorodifluoromethane	ND	730	67.	U
67-64-1	Acetone	ND	730	350	U
75-15-0	Carbon disulfide	ND	730	330	U
78-93-3	2-Butanone	ND	730	160	U
108-10-1	4-Methyl-2-pentanone	ND	730	93.	U
591-78-6	2-Hexanone	ND	730	86.	U
106-93-4	1,2-Dibromoethane	ND	73	20.	U
104-51-8	n-Butylbenzene	ND	73	12.	U
135-98-8	sec-Butylbenzene	ND	73	11.	U
98-06-6	tert-Butylbenzene	ND	150	8.6	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	220	73.	U
98-82-8	Isopropylbenzene	ND	73	8.0	U
99-87-6	p-Isopropyltoluene	ND	73	8.0	U
91-20-3	Naphthalene	ND	290	47.	U
103-65-1	n-Propylbenzene	ND	73	12.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-05	Date Collected	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 21:21
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A14	Instrument ID	: VOA100
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 77
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	150	20.	U
108-67-8	1,3,5-Trimethylbenzene	ND	150	14.	U
95-63-6	1,2,4-Trimethylbenzene	ND	150	24.	U
79-20-9	Methyl Acetate	ND	290	69.	U
110-82-7	Cyclohexane	ND	730	40.	U
76-13-1	Freon-113	ND	290	51.	U
108-87-2	Methyl cyclohexane	ND	290	44.	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-05	Date Collected	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 20:55
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A13	Instrument ID	: VOA100
Sample Amount	:	GC Column	:
Level	:	%Solids	: 77
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-05	**Date Collected**	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/28/25 21:21
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V00251228A14	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 77
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 3 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	2.09	149	J
	Unknown	2.47	163	J
	Total TIC Compounds		312J	J

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-06D	Date Collected	: 12/16/25 13:00
Client ID	: AREA03-EW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 21:47
Sample Matrix	: SOIL	Dilution Factor	: 10
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A15	Instrument ID	: VOA100
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 77
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
108-90-7	Chlorobenzene	170000	380	97.	

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-06D2	Date Collected	: 12/16/25 13:00
Client ID	: AREA03-EW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 16:48
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V04251229A25	Instrument ID	: VOA104
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 77
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	1900	870	U
75-34-3	1,1-Dichloroethane	ND	380	55.	U
67-66-3	Chloroform	ND	570	53.	U
56-23-5	Carbon tetrachloride	ND	380	88.	U
78-87-5	1,2-Dichloropropane	ND	380	48.	U
124-48-1	Dibromochloromethane	ND	380	53.	U
79-00-5	1,1,2-Trichloroethane	ND	380	100	U
127-18-4	Tetrachloroethene	ND	190	75.	U
108-90-7	Chlorobenzene	170000	190	48.	E
75-69-4	Trichlorofluoromethane	ND	1500	260	U
107-06-2	1,2-Dichloroethane	ND	380	98.	U
71-55-6	1,1,1-Trichloroethane	ND	190	64.	U
75-27-4	Bromodichloromethane	ND	190	42.	U
10061-02-6	trans-1,3-Dichloropropene	ND	380	100	U
10061-01-5	cis-1,3-Dichloropropene	ND	190	60.	U
75-25-2	Bromoform	ND	1500	94.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	190	63.	U
71-43-2	Benzene	ND	190	63.	U
108-88-3	Toluene	ND	380	210	U
100-41-4	Ethylbenzene	ND	380	54.	U
74-87-3	Chloromethane	ND	1500	360	U
74-83-9	Bromomethane	ND	760	220	U
75-01-4	Vinyl chloride	ND	380	130	U
75-00-3	Chloroethane	ND	760	170	U
75-35-4	1,1-Dichloroethene	ND	380	91.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-06D2	Date Collected	: 12/16/25 13:00
Client ID	: AREA03-EW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 16:48
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V04251229A25	Instrument ID	: VOA104
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 77
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	570	52.	U
79-01-6	Trichloroethene	ND	190	52.	U
95-50-1	1,2-Dichlorobenzene	ND	760	55.	U
541-73-1	1,3-Dichlorobenzene	ND	760	56.	U
106-46-7	1,4-Dichlorobenzene	ND	760	65.	U
1634-04-4	Methyl tert butyl ether	ND	760	77.	U
179601-23-1	p/m-Xylene	ND	760	210	U
95-47-6	o-Xylene	ND	380	110	U
156-59-2	cis-1,2-Dichloroethene	ND	380	67.	U
100-42-5	Styrene	ND	380	75.	U
75-71-8	Dichlorodifluoromethane	ND	3800	350	U
67-64-1	Acetone	ND	3800	1800	U
75-15-0	Carbon disulfide	ND	3800	1700	U
78-93-3	2-Butanone	ND	3800	850	U
108-10-1	4-Methyl-2-pentanone	ND	3800	490	U
591-78-6	2-Hexanone	ND	3800	450	U
106-93-4	1,2-Dibromoethane	ND	380	110	U
104-51-8	n-Butylbenzene	ND	380	64.	U
135-98-8	sec-Butylbenzene	ND	380	56.	U
98-06-6	tert-Butylbenzene	ND	760	45.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1100	380	U
98-82-8	Isopropylbenzene	ND	380	42.	U
99-87-6	p-Isopropyltoluene	ND	380	42.	U
91-20-3	Naphthalene	ND	1500	250	U
103-65-1	n-Propylbenzene	ND	380	65.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-06D2	Date Collected	: 12/16/25 13:00
Client ID	: AREA03-EW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 16:48
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V04251229A25	Instrument ID	: VOA104
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 77
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	760	100	U
108-67-8	1,3,5-Trimethylbenzene	ND	760	74.	U
95-63-6	1,2,4-Trimethylbenzene	ND	760	130	U
79-20-9	Methyl Acetate	ND	1500	360	U
110-82-7	Cyclohexane	ND	3800	210	U
76-13-1	Freon-113	ND	1500	260	U
108-87-2	Methyl cyclohexane	ND	1500	230	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-06D2	Date Collected	: 12/16/25 13:00
Client ID	: AREA03-EW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 16:48
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V04251229A25	Instrument ID	: VOA104
Sample Amount	:	GC Column	: RTX-VMS
Level	:	%Solids	: 77
Extract Volume (MeOH)	: NA	Injection Volume	: 0.02 g

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-07	Date Collected	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 15:55
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V04251229A23	Instrument ID	: VOA104
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 75
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	6.3	2.9	U
75-34-3	1,1-Dichloroethane	ND	1.2	0.18	U
67-66-3	Chloroform	ND	1.9	0.18	U
56-23-5	Carbon tetrachloride	ND	1.2	0.29	U
78-87-5	1,2-Dichloropropane	ND	1.2	0.16	U
124-48-1	Dibromochloromethane	ND	1.2	0.18	U
79-00-5	1,1,2-Trichloroethane	ND	1.2	0.34	U
127-18-4	Tetrachloroethene	ND	0.63	0.24	U
108-90-7	Chlorobenzene	230	0.63	0.16	
75-69-4	Trichlorofluoromethane	ND	5.0	0.87	U
107-06-2	1,2-Dichloroethane	ND	1.2	0.32	U
71-55-6	1,1,1-Trichloroethane	ND	0.63	0.21	U
75-27-4	Bromodichloromethane	ND	0.63	0.14	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.2	0.34	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.63	0.20	U
75-25-2	Bromoform	ND	5.0	0.31	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.63	0.21	U
71-43-2	Benzene	ND	0.63	0.21	U
108-88-3	Toluene	ND	1.2	0.68	U
100-41-4	Ethylbenzene	ND	1.2	0.18	U
74-87-3	Chloromethane	ND	5.0	1.2	U
74-83-9	Bromomethane	ND	2.5	0.73	U
75-01-4	Vinyl chloride	ND	1.2	0.42	U
75-00-3	Chloroethane	ND	2.5	0.57	U
75-35-4	1,1-Dichloroethene	ND	1.2	0.30	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-07	Date Collected	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 15:55
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V04251229A23	Instrument ID	: VOA104
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 75
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.9	0.17	U
79-01-6	Trichloroethene	ND	0.63	0.17	U
95-50-1	1,2-Dichlorobenzene	ND	2.5	0.18	U
541-73-1	1,3-Dichlorobenzene	ND	2.5	0.18	U
106-46-7	1,4-Dichlorobenzene	ND	2.5	0.21	U
1634-04-4	Methyl tert butyl ether	ND	2.5	0.25	U
179601-23-1	p/m-Xylene	ND	2.5	0.70	U
95-47-6	o-Xylene	ND	1.2	0.36	U
156-59-2	cis-1,2-Dichloroethene	ND	1.2	0.22	U
100-42-5	Styrene	ND	1.2	0.24	U
75-71-8	Dichlorodifluoromethane	ND	12	1.1	U
67-64-1	Acetone	ND	12	6.0	U
75-15-0	Carbon disulfide	ND	12	5.7	U
78-93-3	2-Butanone	ND	12	2.8	U
108-10-1	4-Methyl-2-pentanone	ND	12	1.6	U
591-78-6	2-Hexanone	ND	12	1.5	U
106-93-4	1,2-Dibromoethane	ND	1.2	0.35	U
104-51-8	n-Butylbenzene	ND	1.2	0.21	U
135-98-8	sec-Butylbenzene	ND	1.2	0.18	U
98-06-6	tert-Butylbenzene	ND	2.5	0.15	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.8	1.2	U
98-82-8	Isopropylbenzene	ND	1.2	0.14	U
99-87-6	p-Isopropyltoluene	ND	1.2	0.14	U
91-20-3	Naphthalene	ND	5.0	0.82	U
103-65-1	n-Propylbenzene	ND	1.2	0.21	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-07	Date Collected	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 15:55
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V04251229A23	Instrument ID	: VOA104
Sample Amount	: 5.3 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 75
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	0.34	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	0.24	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	0.42	U
79-20-9	Methyl Acetate	ND	5.0	1.2	U
110-82-7	Cyclohexane	ND	12	0.68	U
76-13-1	Freon-113	ND	5.0	0.87	U
108-87-2	Methyl cyclohexane	ND	5.0	0.76	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-07	Date Collected	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 22:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A17	Instrument ID	: VOA100
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 75
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	390	180	U
75-34-3	1,1-Dichloroethane	ND	78	11.	U
67-66-3	Chloroform	13	120	11.	J
56-23-5	Carbon tetrachloride	ND	78	18.	U
78-87-5	1,2-Dichloropropane	ND	78	9.8	U
124-48-1	Dibromochloromethane	ND	78	11.	U
79-00-5	1,1,2-Trichloroethane	ND	78	21.	U
127-18-4	Tetrachloroethene	ND	39	15.	U
108-90-7	Chlorobenzene	2900	39	9.9	
75-69-4	Trichlorofluoromethane	ND	310	54.	U
107-06-2	1,2-Dichloroethane	ND	78	20.	U
71-55-6	1,1,1-Trichloroethane	ND	39	13.	U
75-27-4	Bromodichloromethane	ND	39	8.5	U
10061-02-6	trans-1,3-Dichloropropene	ND	78	21.	U
10061-01-5	cis-1,3-Dichloropropene	ND	39	12.	U
75-25-2	Bromoform	ND	310	19.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	39	13.	U
71-43-2	Benzene	ND	39	13.	U
108-88-3	Toluene	ND	78	42.	U
100-41-4	Ethylbenzene	ND	78	11.	U
74-87-3	Chloromethane	ND	310	73.	U
74-83-9	Bromomethane	ND	160	46.	U
75-01-4	Vinyl chloride	ND	78	26.	U
75-00-3	Chloroethane	ND	160	35.	U
75-35-4	1,1-Dichloroethene	ND	78	19.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-07	Date Collected	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 22:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A17	Instrument ID	: VOA100
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 75
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	120	11.	U
79-01-6	Trichloroethene	ND	39	11.	U
95-50-1	1,2-Dichlorobenzene	ND	160	11.	U
541-73-1	1,3-Dichlorobenzene	ND	160	12.	U
106-46-7	1,4-Dichlorobenzene	ND	160	13.	U
1634-04-4	Methyl tert butyl ether	ND	160	16.	U
179601-23-1	p/m-Xylene	ND	160	44.	U
95-47-6	o-Xylene	ND	78	23.	U
156-59-2	cis-1,2-Dichloroethene	ND	78	14.	U
100-42-5	Styrene	ND	78	15.	U
75-71-8	Dichlorodifluoromethane	ND	780	72.	U
67-64-1	Acetone	ND	780	380	U
75-15-0	Carbon disulfide	ND	780	360	U
78-93-3	2-Butanone	ND	780	170	U
108-10-1	4-Methyl-2-pentanone	ND	780	100	U
591-78-6	2-Hexanone	ND	780	92.	U
106-93-4	1,2-Dibromoethane	ND	78	22.	U
104-51-8	n-Butylbenzene	ND	78	13.	U
135-98-8	sec-Butylbenzene	ND	78	11.	U
98-06-6	tert-Butylbenzene	ND	160	9.2	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	240	78.	U
98-82-8	Isopropylbenzene	ND	78	8.5	U
99-87-6	p-Isopropyltoluene	ND	78	8.5	U
91-20-3	Naphthalene	ND	310	51.	U
103-65-1	n-Propylbenzene	ND	78	13.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-07	Date Collected	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 22:40
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A17	Instrument ID	: VOA100
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 75
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	160	21.	U
108-67-8	1,3,5-Trimethylbenzene	ND	160	15.	U
95-63-6	1,2,4-Trimethylbenzene	ND	160	26.	U
79-20-9	Methyl Acetate	ND	310	74.	U
110-82-7	Cyclohexane	ND	780	43.	U
76-13-1	Freon-113	ND	310	54.	U
108-87-2	Methyl cyclohexane	ND	310	47.	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-07	**Date Collected**	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/29/25 15:55
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V04251229A23	**Instrument ID**	: VOA104
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 75
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-07	**Date Collected**	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/28/25 22:40
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V00251228A17	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 75
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-08	Date Collected	: 12/18/25 10:00
Client ID	: AREA04-BOTTOM-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 23:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A18	Instrument ID	: VOA100
Sample Amount	: 6.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 74
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	340	160	U
75-34-3	1,1-Dichloroethane	ND	69	10.	U
67-66-3	Chloroform	13	100	9.7	J
56-23-5	Carbon tetrachloride	ND	69	16.	U
78-87-5	1,2-Dichloropropane	ND	69	8.6	U
124-48-1	Dibromochloromethane	ND	69	9.7	U
79-00-5	1,1,2-Trichloroethane	ND	69	18.	U
127-18-4	Tetrachloroethene	ND	34	14.	U
108-90-7	Chlorobenzene	5500	34	8.8	
75-69-4	Trichlorofluoromethane	ND	280	48.	U
107-06-2	1,2-Dichloroethane	ND	69	18.	U
71-55-6	1,1,1-Trichloroethane	ND	34	12.	U
75-27-4	Bromodichloromethane	ND	34	7.5	U
10061-02-6	trans-1,3-Dichloropropene	ND	69	19.	U
10061-01-5	cis-1,3-Dichloropropene	ND	34	11.	U
75-25-2	Bromoform	ND	280	17.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	34	11.	U
71-43-2	Benzene	ND	34	11.	U
108-88-3	Toluene	ND	69	37.	U
100-41-4	Ethylbenzene	ND	69	9.7	U
74-87-3	Chloromethane	ND	280	64.	U
74-83-9	Bromomethane	ND	140	40.	U
75-01-4	Vinyl chloride	ND	69	23.	U
75-00-3	Chloroethane	ND	140	31.	U
75-35-4	1,1-Dichloroethene	ND	69	16.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-08	Date Collected	: 12/18/25 10:00
Client ID	: AREA04-BOTTOM-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 23:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A18	Instrument ID	: VOA100
Sample Amount	: 6.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 74
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	100	9.4	U
79-01-6	Trichloroethene	ND	34	9.4	U
95-50-1	1,2-Dichlorobenzene	220	140	9.9	
541-73-1	1,3-Dichlorobenzene	35	140	10.	J
106-46-7	1,4-Dichlorobenzene	300	140	12.	
1634-04-4	Methyl tert butyl ether	ND	140	14.	U
179601-23-1	p/m-Xylene	ND	140	39.	U
95-47-6	o-Xylene	ND	69	20.	U
156-59-2	cis-1,2-Dichloroethene	ND	69	12.	U
100-42-5	Styrene	ND	69	14.	U
75-71-8	Dichlorodifluoromethane	ND	690	63.	U
67-64-1	Acetone	ND	690	330	U
75-15-0	Carbon disulfide	ND	690	310	U
78-93-3	2-Butanone	ND	690	150	U
108-10-1	4-Methyl-2-pentanone	ND	690	88.	U
591-78-6	2-Hexanone	ND	690	81.	U
106-93-4	1,2-Dibromoethane	ND	69	19.	U
104-51-8	n-Butylbenzene	ND	69	12.	U
135-98-8	sec-Butylbenzene	ND	69	10.	U
98-06-6	tert-Butylbenzene	ND	140	8.1	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	210	69.	U
98-82-8	Isopropylbenzene	ND	69	7.5	U
99-87-6	p-Isopropyltoluene	ND	69	7.5	U
91-20-3	Naphthalene	ND	280	45.	U
103-65-1	n-Propylbenzene	ND	69	12.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-08	Date Collected	: 12/18/25 10:00
Client ID	: AREA04-BOTTOM-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 23:05
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A18	Instrument ID	: VOA100
Sample Amount	: 6.6 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 74
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	140	19.	U
108-67-8	1,3,5-Trimethylbenzene	ND	140	13.	U
95-63-6	1,2,4-Trimethylbenzene	ND	140	23.	U
79-20-9	Methyl Acetate	ND	280	66.	U
110-82-7	Cyclohexane	ND	690	38.	U
76-13-1	Freon-113	ND	280	48.	U
108-87-2	Methyl cyclohexane	ND	280	42.	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-08	**Date Collected**	: 12/18/25 10:00
Client ID	: AREA04-BOTTOM-12182025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/28/25 23:05
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V00251228A18	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 74
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-09	Date Collected	: 12/18/25 11:00
Client ID	: AREA04-SW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 23:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A19	Instrument ID	: VOA100
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 74
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	400	180	U
75-34-3	1,1-Dichloroethane	ND	79	12.	U
67-66-3	Chloroform	32	120	11.	J
56-23-5	Carbon tetrachloride	ND	79	18.	U
78-87-5	1,2-Dichloropropane	ND	79	9.9	U
124-48-1	Dibromochloromethane	ND	79	11.	U
79-00-5	1,1,2-Trichloroethane	ND	79	21.	U
127-18-4	Tetrachloroethene	ND	40	16.	U
108-90-7	Chlorobenzene	4100	40	10.	
75-69-4	Trichlorofluoromethane	ND	320	55.	U
107-06-2	1,2-Dichloroethane	ND	79	20.	U
71-55-6	1,1,1-Trichloroethane	ND	40	13.	U
75-27-4	Bromodichloromethane	ND	40	8.6	U
10061-02-6	trans-1,3-Dichloropropene	ND	79	22.	U
10061-01-5	cis-1,3-Dichloropropene	ND	40	12.	U
75-25-2	Bromoform	ND	320	20.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	40	13.	U
71-43-2	Benzene	ND	40	13.	U
108-88-3	Toluene	ND	79	43.	U
100-41-4	Ethylbenzene	ND	79	11.	U
74-87-3	Chloromethane	ND	320	74.	U
74-83-9	Bromomethane	ND	160	46.	U
75-01-4	Vinyl chloride	ND	79	27.	U
75-00-3	Chloroethane	ND	160	36.	U
75-35-4	1,1-Dichloroethene	ND	79	19.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-09	Date Collected	: 12/18/25 11:00
Client ID	: AREA04-SW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 23:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A19	Instrument ID	: VOA100
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 74
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	120	11.	U
79-01-6	Trichloroethene	ND	40	11.	U
95-50-1	1,2-Dichlorobenzene	280	160	11.	
541-73-1	1,3-Dichlorobenzene	49	160	12.	J
106-46-7	1,4-Dichlorobenzene	480	160	14.	
1634-04-4	Methyl tert butyl ether	ND	160	16.	U
179601-23-1	p/m-Xylene	ND	160	44.	U
95-47-6	o-Xylene	ND	79	23.	U
156-59-2	cis-1,2-Dichloroethene	ND	79	14.	U
100-42-5	Styrene	ND	79	16.	U
75-71-8	Dichlorodifluoromethane	ND	790	73.	U
67-64-1	Acetone	ND	790	380	U
75-15-0	Carbon disulfide	ND	790	360	U
78-93-3	2-Butanone	ND	790	180	U
108-10-1	4-Methyl-2-pentanone	ND	790	100	U
591-78-6	2-Hexanone	ND	790	94.	U
106-93-4	1,2-Dibromoethane	ND	79	22.	U
104-51-8	n-Butylbenzene	ND	79	13.	U
135-98-8	sec-Butylbenzene	ND	79	12.	U
98-06-6	tert-Butylbenzene	ND	160	9.4	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	240	79.	U
98-82-8	Isopropylbenzene	ND	79	8.6	U
99-87-6	p-Isopropyltoluene	ND	79	8.6	U
91-20-3	Naphthalene	ND	320	52.	U
103-65-1	n-Propylbenzene	ND	79	14.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-09	Date Collected	: 12/18/25 11:00
Client ID	: AREA04-SW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 23:32
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A19	Instrument ID	: VOA100
Sample Amount	: 5.4 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 74
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	160	22.	U
108-67-8	1,3,5-Trimethylbenzene	ND	160	15.	U
95-63-6	1,2,4-Trimethylbenzene	ND	160	26.	U
79-20-9	Methyl Acetate	ND	320	75.	U
110-82-7	Cyclohexane	ND	790	43.	U
76-13-1	Freon-113	ND	320	55.	U
108-87-2	Methyl cyclohexane	ND	320	48.	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-09	**Date Collected**	: 12/18/25 11:00
Client ID	: AREA04-SW-12182025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/28/25 23:32
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V00251228A19	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 74
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-10	Date Collected	: 12/18/25 11:25
Client ID	: AREA04-WW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 18:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A07	Instrument ID	: VOA100
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.5	2.5	U
75-34-3	1,1-Dichloroethane	ND	1.1	0.16	U
67-66-3	Chloroform	ND	1.6	0.15	U
56-23-5	Carbon tetrachloride	ND	1.1	0.25	U
78-87-5	1,2-Dichloropropane	ND	1.1	0.14	U
124-48-1	Dibromochloromethane	ND	1.1	0.15	U
79-00-5	1,1,2-Trichloroethane	ND	1.1	0.29	U
127-18-4	Tetrachloroethene	ND	0.55	0.21	U
108-90-7	Chlorobenzene	59	0.55	0.14	
75-69-4	Trichlorofluoromethane	ND	4.4	0.76	U
107-06-2	1,2-Dichloroethane	ND	1.1	0.28	U
71-55-6	1,1,1-Trichloroethane	ND	0.55	0.18	U
75-27-4	Bromodichloromethane	ND	0.55	0.12	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.1	0.30	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.55	0.17	U
75-25-2	Bromoform	ND	4.4	0.27	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.55	0.18	U
71-43-2	Benzene	ND	0.55	0.18	U
108-88-3	Toluene	ND	1.1	0.59	U
100-41-4	Ethylbenzene	ND	1.1	0.15	U
74-87-3	Chloromethane	ND	4.4	1.0	U
74-83-9	Bromomethane	ND	2.2	0.64	U
75-01-4	Vinyl chloride	ND	1.1	0.37	U
75-00-3	Chloroethane	ND	2.2	0.49	U
75-35-4	1,1-Dichloroethene	ND	1.1	0.26	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-10	Date Collected	: 12/18/25 11:25
Client ID	: AREA04-WW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 18:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A07	Instrument ID	: VOA100
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.6	0.15	U
79-01-6	Trichloroethene	ND	0.55	0.15	U
95-50-1	1,2-Dichlorobenzene	0.18	2.2	0.16	J
541-73-1	1,3-Dichlorobenzene	ND	2.2	0.16	U
106-46-7	1,4-Dichlorobenzene	0.48	2.2	0.19	J
1634-04-4	Methyl tert butyl ether	ND	2.2	0.22	U
179601-23-1	p/m-Xylene	ND	2.2	0.61	U
95-47-6	o-Xylene	ND	1.1	0.32	U
156-59-2	cis-1,2-Dichloroethene	ND	1.1	0.19	U
100-42-5	Styrene	ND	1.1	0.21	U
75-71-8	Dichlorodifluoromethane	ND	11	1.0	U
67-64-1	Acetone	17	11	5.3	
75-15-0	Carbon disulfide	ND	11	5.0	U
78-93-3	2-Butanone	ND	11	2.4	U
108-10-1	4-Methyl-2-pentanone	ND	11	1.4	U
591-78-6	2-Hexanone	ND	11	1.3	U
106-93-4	1,2-Dibromoethane	ND	1.1	0.30	U
104-51-8	n-Butylbenzene	ND	1.1	0.18	U
135-98-8	sec-Butylbenzene	ND	1.1	0.16	U
98-06-6	tert-Butylbenzene	ND	2.2	0.13	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.3	1.1	U
98-82-8	Isopropylbenzene	ND	1.1	0.12	U
99-87-6	p-Isopropyltoluene	ND	1.1	0.12	U
91-20-3	Naphthalene	ND	4.4	0.71	U
103-65-1	n-Propylbenzene	ND	1.1	0.19	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-10	Date Collected	: 12/18/25 11:25
Client ID	: AREA04-WW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 18:19
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A07	Instrument ID	: VOA100
Sample Amount	: 5.6 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: 81
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.2	0.30	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.2	0.21	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.2	0.36	U
79-20-9	Methyl Acetate	ND	4.4	1.0	U
110-82-7	Cyclohexane	ND	11	0.60	U
76-13-1	Freon-113	ND	4.4	0.76	U
108-87-2	Methyl cyclohexane	ND	4.4	0.66	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-10	**Date Collected**	: 12/18/25 11:25
Client ID	: AREA04-WW-12182025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/28/25 18:19
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V00251228A07	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 81
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-11D	Date Collected	: 12/18/25 13:00
Client ID	: NW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/28/25 23:58
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A20	Instrument ID	: VOA100
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 79
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
108-90-7	Chlorobenzene	71000	160	40.	

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-11D2	Date Collected	: 12/18/25 13:00
Client ID	: NW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/31/25 12:33
Sample Matrix	: SOIL	Dilution Factor	: 2.5
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V23251231A13	Instrument ID	: VOA123
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 79
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	790	360	U
75-34-3	1,1-Dichloroethane	ND	160	23.	U
67-66-3	Chloroform	24	240	22.	J
56-23-5	Carbon tetrachloride	ND	160	36.	U
78-87-5	1,2-Dichloropropane	ND	160	20.	U
124-48-1	Dibromochloromethane	ND	160	22.	U
79-00-5	1,1,2-Trichloroethane	ND	160	42.	U
127-18-4	Tetrachloroethene	ND	79	31.	U
108-90-7	Chlorobenzene	68000	79	20.	E
75-69-4	Trichlorofluoromethane	ND	630	110	U
107-06-2	1,2-Dichloroethane	ND	160	40.	U
71-55-6	1,1,1-Trichloroethane	ND	79	26.	U
75-27-4	Bromodichloromethane	ND	79	17.	U
10061-02-6	trans-1,3-Dichloropropene	ND	160	43.	U
10061-01-5	cis-1,3-Dichloropropene	ND	79	25.	U
75-25-2	Bromoform	ND	630	39.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	79	26.	U
71-43-2	Benzene	ND	79	26.	U
108-88-3	Toluene	ND	160	86.	U
100-41-4	Ethylbenzene	64	160	22.	J
74-87-3	Chloromethane	ND	630	150	U
74-83-9	Bromomethane	ND	320	92.	U
75-01-4	Vinyl chloride	ND	160	53.	U
75-00-3	Chloroethane	ND	320	71.	U
75-35-4	1,1-Dichloroethene	ND	160	38.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-11D2	Date Collected	: 12/18/25 13:00
Client ID	: NW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/31/25 12:33
Sample Matrix	: SOIL	Dilution Factor	: 2.5
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V23251231A13	Instrument ID	: VOA123
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 79
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	240	22.	U
79-01-6	Trichloroethene	ND	79	22.	U
95-50-1	1,2-Dichlorobenzene	9400	320	23.	
541-73-1	1,3-Dichlorobenzene	1600	320	23.	
106-46-7	1,4-Dichlorobenzene	14000	320	27.	
1634-04-4	Methyl tert butyl ether	ND	320	32.	U
179601-23-1	p/m-Xylene	ND	320	88.	U
95-47-6	o-Xylene	ND	160	46.	U
156-59-2	cis-1,2-Dichloroethene	ND	160	28.	U
100-42-5	Styrene	ND	160	31.	U
75-71-8	Dichlorodifluoromethane	ND	1600	140	U
67-64-1	Acetone	ND	1600	760	U
75-15-0	Carbon disulfide	ND	1600	720	U
78-93-3	2-Butanone	ND	1600	350	U
108-10-1	4-Methyl-2-pentanone	ND	1600	200	U
591-78-6	2-Hexanone	ND	1600	190	U
106-93-4	1,2-Dibromoethane	ND	160	44.	U
104-51-8	n-Butylbenzene	76	160	26.	J
135-98-8	sec-Butylbenzene	61	160	23.	J
98-06-6	tert-Butylbenzene	ND	320	19.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	470	160	U
98-82-8	Isopropylbenzene	ND	160	17.	U
99-87-6	p-Isopropyltoluene	57	160	17.	J
91-20-3	Naphthalene	470	630	100	J
103-65-1	n-Propylbenzene	ND	160	27.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-11D2	Date Collected	: 12/18/25 13:00
Client ID	: NW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/31/25 12:33
Sample Matrix	: SOIL	Dilution Factor	: 2.5
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V23251231A13	Instrument ID	: VOA123
Sample Amount	: 6.3 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 79
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	1600	320	43.	
108-67-8	1,3,5-Trimethylbenzene	140	320	30.	J
95-63-6	1,2,4-Trimethylbenzene	390	320	53.	
79-20-9	Methyl Acetate	ND	630	150	U
110-82-7	Cyclohexane	ND	1600	86.	U
76-13-1	Freon-113	ND	630	110	U
108-87-2	Methyl cyclohexane	ND	630	95.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-12D	Date Collected	: 12/18/25 13:10
Client ID	: WW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 00:49
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A22	Instrument ID	: VOA100
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 76
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	1700	790	U
75-34-3	1,1-Dichloroethane	ND	350	50.	U
67-66-3	Chloroform	ND	520	48.	U
56-23-5	Carbon tetrachloride	ND	350	80.	U
78-87-5	1,2-Dichloropropane	ND	350	43.	U
124-48-1	Dibromochloromethane	ND	350	48.	U
79-00-5	1,1,2-Trichloroethane	ND	350	92.	U
127-18-4	Tetrachloroethene	ND	170	68.	U
108-90-7	Chlorobenzene	110000	170	44.	E
75-69-4	Trichlorofluoromethane	ND	1400	240	U
107-06-2	1,2-Dichloroethane	ND	350	89.	U
71-55-6	1,1,1-Trichloroethane	ND	170	58.	U
75-27-4	Bromodichloromethane	ND	170	38.	U
10061-02-6	trans-1,3-Dichloropropene	ND	350	94.	U
10061-01-5	cis-1,3-Dichloropropene	ND	170	55.	U
75-25-2	Bromoform	ND	1400	85.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	170	57.	U
71-43-2	Benzene	ND	170	57.	U
108-88-3	Toluene	ND	350	190	U
100-41-4	Ethylbenzene	88	350	49.	J
74-87-3	Chloromethane	ND	1400	320	U
74-83-9	Bromomethane	ND	690	200	U
75-01-4	Vinyl chloride	ND	350	120	U
75-00-3	Chloroethane	ND	690	160	U
75-35-4	1,1-Dichloroethene	ND	350	82.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-12D	Date Collected	: 12/18/25 13:10
Client ID	: WW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 00:49
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A22	Instrument ID	: VOA100
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 76
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	520	47.	U
79-01-6	Trichloroethene	ND	170	47.	U
95-50-1	1,2-Dichlorobenzene	26000	690	50.	
541-73-1	1,3-Dichlorobenzene	4300	690	51.	
106-46-7	1,4-Dichlorobenzene	34000	690	59.	
1634-04-4	Methyl tert butyl ether	ND	690	70.	U
179601-23-1	p/m-Xylene	ND	690	190	U
95-47-6	o-Xylene	ND	350	100	U
156-59-2	cis-1,2-Dichloroethene	ND	350	60.	U
100-42-5	Styrene	ND	350	68.	U
75-71-8	Dichlorodifluoromethane	ND	3500	320	U
67-64-1	Acetone	ND	3500	1700	U
75-15-0	Carbon disulfide	ND	3500	1600	U
78-93-3	2-Butanone	ND	3500	770	U
108-10-1	4-Methyl-2-pentanone	ND	3500	440	U
591-78-6	2-Hexanone	ND	3500	410	U
106-93-4	1,2-Dibromoethane	ND	350	96.	U
104-51-8	n-Butylbenzene	82	350	58.	J
135-98-8	sec-Butylbenzene	60	350	50.	J
98-06-6	tert-Butylbenzene	ND	690	41.	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	1000	340	U
98-82-8	Isopropylbenzene	ND	350	38.	U
99-87-6	p-Isopropyltoluene	62	350	38.	J
91-20-3	Naphthalene	330	1400	220	J
103-65-1	n-Propylbenzene	ND	350	59.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-12D	Date Collected	: 12/18/25 13:10
Client ID	: WW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 00:49
Sample Matrix	: SOIL	Dilution Factor	: 5
Analytical Method	: 1,8260D	Analyst	: JIC
Lab File ID	: V00251228A22	Instrument ID	: VOA100
Sample Amount	: 6.1 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: 76
Extract Volume (MeOH)	: 5 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	2500	690	94.	
108-67-8	1,3,5-Trimethylbenzene	140	690	67.	J
95-63-6	1,2,4-Trimethylbenzene	470	690	120	J
79-20-9	Methyl Acetate	ND	1400	330	U
110-82-7	Cyclohexane	ND	3500	190	U
76-13-1	Freon-113	ND	1400	240	U
108-87-2	Methyl cyclohexane	ND	1400	210	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-12D2	**Date Collected**	: 12/18/25 13:10
Client ID	: WW-PIPE-12182025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/29/25 01:15
Sample Matrix	: SOIL	**Dilution Factor**	: 20
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V00251228A23	**Instrument ID**	: VOA100
Sample Amount	: 6.1 g	**GC Column**	: RTX-VMS
Level	: HIGH	**%Solids**	: 76
Extract Volume (MeOH)	: 5 ml	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
108-90-7	Chlorobenzene	110000	690	180	

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-12D	**Date Collected**	: 12/18/25 13:10
Client ID	: WW-PIPE-12182025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/29/25 00:49
Sample Matrix	: SOIL	**Dilution Factor**	: 5
Analytical Method	: 1,8260D	**Analyst**	: JIC
Lab File ID	: V00251228A22	**Instrument ID**	: VOA100
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: 76
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.02 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159676-5	Date Collected	: NA
Client ID	: WG2159676-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/28/25 17:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: RAW
Lab File ID	: V00251228A05	Instrument ID	: VOA100
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159676-5	Date Collected	: NA
Client ID	: WG2159676-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/28/25 17:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: RAW
Lab File ID	: V00251228A05	Instrument ID	: VOA100
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	ND	4.0	0.65	U
103-65-1	n-Propylbenzene	ND	1.0	0.17	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159676-5	Date Collected	: NA
Client ID	: WG2159676-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/28/25 17:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: RAW
Lab File ID	: V00251228A05	Instrument ID	: VOA100
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	2.0	0.27	U
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159676-5	Date Collected	: NA
Client ID	: WG2159676-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/28/25 17:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: RAW
Lab File ID	: V00251228A05	Instrument ID	: VOA100
Sample Amount	:	GC Column	:
Level	:	%Solids	: NA
Extract Volume (MeOH)	: NA	Injection Volume	: 1

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159678-5	Date Collected	: NA
Client ID	: WG2159678-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/28/25 17:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: RAW
Lab File ID	: V00251228A05	Instrument ID	: VOA100
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	250	110	U
75-34-3	1,1-Dichloroethane	ND	50	7.2	U
67-66-3	Chloroform	ND	75	7.0	U
56-23-5	Carbon tetrachloride	ND	50	12.	U
78-87-5	1,2-Dichloropropane	ND	50	6.2	U
124-48-1	Dibromochloromethane	ND	50	7.0	U
79-00-5	1,1,2-Trichloroethane	ND	50	13.	U
127-18-4	Tetrachloroethene	ND	25	9.8	U
108-90-7	Chlorobenzene	ND	25	6.4	U
75-69-4	Trichlorofluoromethane	ND	200	35.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	25	8.4	U
75-27-4	Bromodichloromethane	ND	25	5.4	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.9	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.3	U
71-43-2	Benzene	ND	25	8.3	U
108-88-3	Toluene	ND	50	27.	U
100-41-4	Ethylbenzene	ND	50	7.0	U
74-87-3	Chloromethane	ND	200	47.	U
74-83-9	Bromomethane	29	100	29.	J
75-01-4	Vinyl chloride	ND	50	17.	U
75-00-3	Chloroethane	ND	100	23.	U
75-35-4	1,1-Dichloroethene	ND	50	12.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159678-5	Date Collected	: NA
Client ID	: WG2159678-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/28/25 17:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: RAW
Lab File ID	: V00251228A05	Instrument ID	: VOA100
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	75	6.8	U
79-01-6	Trichloroethene	ND	25	6.8	U
95-50-1	1,2-Dichlorobenzene	ND	100	7.2	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.4	U
106-46-7	1,4-Dichlorobenzene	ND	100	8.6	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	ND	100	28.	U
95-47-6	o-Xylene	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	8.8	U
100-42-5	Styrene	ND	50	9.8	U
75-71-8	Dichlorodifluoromethane	ND	500	46.	U
67-64-1	Acetone	ND	500	240	U
75-15-0	Carbon disulfide	ND	500	230	U
78-93-3	2-Butanone	ND	500	110	U
108-10-1	4-Methyl-2-pentanone	ND	500	64.	U
591-78-6	2-Hexanone	ND	500	59.	U
106-93-4	1,2-Dibromoethane	ND	50	14.	U
104-51-8	n-Butylbenzene	ND	50	8.4	U
135-98-8	sec-Butylbenzene	ND	50	7.3	U
98-06-6	tert-Butylbenzene	ND	100	5.9	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	150	50.	U
98-82-8	Isopropylbenzene	ND	50	5.4	U
99-87-6	p-Isopropyltoluene	ND	50	5.4	U
91-20-3	Naphthalene	ND	200	32.	U
103-65-1	n-Propylbenzene	ND	50	8.6	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159678-5	Date Collected	: NA
Client ID	: WG2159678-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/28/25 17:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: RAW
Lab File ID	: V00251228A05	Instrument ID	: VOA100
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	100	14.	U
108-67-8	1,3,5-Trimethylbenzene	ND	100	9.6	U
95-63-6	1,2,4-Trimethylbenzene	ND	100	17.	U
79-20-9	Methyl Acetate	ND	200	48.	U
110-82-7	Cyclohexane	ND	500	27.	U
76-13-1	Freon-113	ND	200	35.	U
108-87-2	Methyl cyclohexane	ND	200	30.	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159678-5	Date Collected	: NA
Client ID	: WG2159678-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/28/25 17:27
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: RAW
Lab File ID	: V00251228A05	Instrument ID	: VOA100
Sample Amount	:	GC Column	:
Level	:	%Solids	: NA
Extract Volume (MeOH)	: NA	Injection Volume	: 0.1 g

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159734-5	Date Collected	: NA
Client ID	: WG2159734-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/29/25 07:03
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V04251229A05	Instrument ID	: VOA104
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	5.0	2.3	U
75-34-3	1,1-Dichloroethane	ND	1.0	0.14	U
67-66-3	Chloroform	ND	1.5	0.14	U
56-23-5	Carbon tetrachloride	ND	1.0	0.23	U
78-87-5	1,2-Dichloropropane	ND	1.0	0.12	U
124-48-1	Dibromochloromethane	ND	1.0	0.14	U
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.27	U
127-18-4	Tetrachloroethene	ND	0.50	0.20	U
108-90-7	Chlorobenzene	ND	0.50	0.13	U
75-69-4	Trichlorofluoromethane	ND	4.0	0.70	U
107-06-2	1,2-Dichloroethane	ND	1.0	0.26	U
71-55-6	1,1,1-Trichloroethane	ND	0.50	0.17	U
75-27-4	Bromodichloromethane	ND	0.50	0.11	U
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.27	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	0.16	U
75-25-2	Bromoform	ND	4.0	0.25	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	0.17	U
71-43-2	Benzene	ND	0.50	0.17	U
108-88-3	Toluene	ND	1.0	0.54	U
100-41-4	Ethylbenzene	ND	1.0	0.14	U
74-87-3	Chloromethane	ND	4.0	0.93	U
74-83-9	Bromomethane	ND	2.0	0.58	U
75-01-4	Vinyl chloride	ND	1.0	0.34	U
75-00-3	Chloroethane	ND	2.0	0.45	U
75-35-4	1,1-Dichloroethene	ND	1.0	0.24	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159734-5	Date Collected	: NA
Client ID	: WG2159734-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/29/25 07:03
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V04251229A05	Instrument ID	: VOA104
Sample Amount	: 5.0 g	GC Column	: RTX-VMS
Level	: LOW	%Solids	: NA
Extract Volume (MeOH)	: N/A	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	1.5	0.14	U
79-01-6	Trichloroethene	ND	0.50	0.14	U
95-50-1	1,2-Dichlorobenzene	ND	2.0	0.14	U
541-73-1	1,3-Dichlorobenzene	ND	2.0	0.15	U
106-46-7	1,4-Dichlorobenzene	ND	2.0	0.17	U
1634-04-4	Methyl tert butyl ether	ND	2.0	0.20	U
179601-23-1	p/m-Xylene	ND	2.0	0.56	U
95-47-6	o-Xylene	ND	1.0	0.29	U
156-59-2	cis-1,2-Dichloroethene	ND	1.0	0.18	U
100-42-5	Styrene	ND	1.0	0.20	U
75-71-8	Dichlorodifluoromethane	ND	10	0.92	U
67-64-1	Acetone	ND	10	4.8	U
75-15-0	Carbon disulfide	ND	10	4.6	U
78-93-3	2-Butanone	ND	10	2.2	U
108-10-1	4-Methyl-2-pentanone	ND	10	1.3	U
591-78-6	2-Hexanone	ND	10	1.2	U
106-93-4	1,2-Dibromoethane	ND	1.0	0.28	U
104-51-8	n-Butylbenzene	ND	1.0	0.17	U
135-98-8	sec-Butylbenzene	ND	1.0	0.15	U
98-06-6	tert-Butylbenzene	ND	2.0	0.12	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	3.0	1.0	U
98-82-8	Isopropylbenzene	ND	1.0	0.11	U
99-87-6	p-Isopropyltoluene	ND	1.0	0.11	U
91-20-3	Naphthalene	0.78	4.0	0.65	J
103-65-1	n-Propylbenzene	ND	1.0	0.17	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: WG2159734-5	**Date Collected**	: NA
Client ID	: WG2159734-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/29/25 07:03
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: V04251229A05	**Instrument ID**	: VOA104
Sample Amount	: 5.0 g	**GC Column**	: RTX-VMS
Level	: LOW	**%Solids**	: NA
Extract Volume (MeOH)	: N/A	**Injection Volume**	: N/A

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
120-82-1	1,2,4-Trichlorobenzene	0.39	2.0	0.27	J
108-67-8	1,3,5-Trimethylbenzene	ND	2.0	0.19	U
95-63-6	1,2,4-Trimethylbenzene	ND	2.0	0.33	U
79-20-9	Methyl Acetate	ND	4.0	0.95	U
110-82-7	Cyclohexane	ND	10	0.54	U
76-13-1	Freon-113	ND	4.0	0.69	U
108-87-2	Methyl cyclohexane	ND	4.0	0.60	U

Tentatively Identified Compounds
Form 1
Volatile Organics by EPA 5035/8260

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: WG2159734-5	**Date Collected**	: NA
Client ID	: WG2159734-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/29/25 07:03
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: V04251229A05	**Instrument ID**	: VOA104
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: NA
Extract Volume (MeOH)	: NA	**Injection Volume**	: 1

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2160213-5	Date Collected	: NA
Client ID	: WG2160213-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/29/25 07:03
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V04251229A05	Instrument ID	: VOA104
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	250	110	U
75-34-3	1,1-Dichloroethane	ND	50	7.2	U
67-66-3	Chloroform	ND	75	7.0	U
56-23-5	Carbon tetrachloride	ND	50	12.	U
78-87-5	1,2-Dichloropropane	ND	50	6.2	U
124-48-1	Dibromochloromethane	ND	50	7.0	U
79-00-5	1,1,2-Trichloroethane	ND	50	13.	U
127-18-4	Tetrachloroethene	ND	25	9.8	U
108-90-7	Chlorobenzene	ND	25	6.4	U
75-69-4	Trichlorofluoromethane	ND	200	35.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	25	8.4	U
75-27-4	Bromodichloromethane	ND	25	5.4	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.9	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.3	U
71-43-2	Benzene	ND	25	8.3	U
108-88-3	Toluene	ND	50	27.	U
100-41-4	Ethylbenzene	ND	50	7.0	U
74-87-3	Chloromethane	ND	200	47.	U
74-83-9	Bromomethane	ND	100	29.	U
75-01-4	Vinyl chloride	ND	50	17.	U
75-00-3	Chloroethane	ND	100	23.	U
75-35-4	1,1-Dichloroethene	ND	50	12.	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2160213-5	Date Collected	: NA
Client ID	: WG2160213-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/29/25 07:03
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V04251229A05	Instrument ID	: VOA104
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	75	6.8	U
79-01-6	Trichloroethene	ND	25	6.8	U
95-50-1	1,2-Dichlorobenzene	ND	100	7.2	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.4	U
106-46-7	1,4-Dichlorobenzene	ND	100	8.6	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	ND	100	28.	U
95-47-6	o-Xylene	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	8.8	U
100-42-5	Styrene	ND	50	9.8	U
75-71-8	Dichlorodifluoromethane	ND	500	46.	U
67-64-1	Acetone	ND	500	240	U
75-15-0	Carbon disulfide	ND	500	230	U
78-93-3	2-Butanone	ND	500	110	U
108-10-1	4-Methyl-2-pentanone	ND	500	64.	U
591-78-6	2-Hexanone	ND	500	59.	U
106-93-4	1,2-Dibromoethane	ND	50	14.	U
104-51-8	n-Butylbenzene	ND	50	8.4	U
135-98-8	sec-Butylbenzene	ND	50	7.3	U
98-06-6	tert-Butylbenzene	ND	100	5.9	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	150	50.	U
98-82-8	Isopropylbenzene	ND	50	5.4	U
99-87-6	p-Isopropyltoluene	ND	50	5.4	U
91-20-3	Naphthalene	39	200	32.	J
103-65-1	n-Propylbenzene	ND	50	8.6	U

Results Summary
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2160213-5	Date Collected	: NA
Client ID	: WG2160213-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/29/25 07:03
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: MJV
Lab File ID	: V04251229A05	Instrument ID	: VOA104
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	20	100	14.	J
108-67-8	1,3,5-Trimethylbenzene	ND	100	9.6	U
95-63-6	1,2,4-Trimethylbenzene	ND	100	17.	U
79-20-9	Methyl Acetate	ND	200	48.	U
110-82-7	Cyclohexane	ND	500	27.	U
76-13-1	Freon-113	ND	200	35.	U
108-87-2	Methyl cyclohexane	ND	200	30.	U

Tentatively Identified Compounds
Form 1
Volatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: WG2160213-5	**Date Collected**	: NA
Client ID	: WG2160213-5BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 12/29/25 07:03
Sample Matrix	: SOIL	**Dilution Factor**	: 1
Analytical Method	: 1,8260D	**Analyst**	: MJV
Lab File ID	: V04251229A05	**Instrument ID**	: VOA104
Sample Amount	:	**GC Column**	:
Level	:	**%Solids**	: NA
Extract Volume (MeOH)	: NA	**Injection Volume**	: 0.1 g

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2160756-5	Date Collected	: NA
Client ID	: WG2160756-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/31/25 08:36
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V23251231A05	Instrument ID	: VOA123
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
75-09-2	Methylene chloride	ND	250	110	U
75-34-3	1,1-Dichloroethane	ND	50	7.2	U
67-66-3	Chloroform	ND	75	7.0	U
56-23-5	Carbon tetrachloride	ND	50	12.	U
78-87-5	1,2-Dichloropropane	ND	50	6.2	U
124-48-1	Dibromochloromethane	ND	50	7.0	U
79-00-5	1,1,2-Trichloroethane	ND	50	13.	U
127-18-4	Tetrachloroethene	ND	25	9.8	U
108-90-7	Chlorobenzene	ND	25	6.4	U
75-69-4	Trichlorofluoromethane	ND	200	35.	U
107-06-2	1,2-Dichloroethane	ND	50	13.	U
71-55-6	1,1,1-Trichloroethane	ND	25	8.4	U
75-27-4	Bromodichloromethane	ND	25	5.4	U
10061-02-6	trans-1,3-Dichloropropene	ND	50	14.	U
10061-01-5	cis-1,3-Dichloropropene	ND	25	7.9	U
75-25-2	Bromoform	ND	200	12.	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	25	8.3	U
71-43-2	Benzene	ND	25	8.3	U
108-88-3	Toluene	ND	50	27.	U
100-41-4	Ethylbenzene	ND	50	7.0	U
74-87-3	Chloromethane	ND	200	47.	U
74-83-9	Bromomethane	ND	100	29.	U
75-01-4	Vinyl chloride	ND	50	17.	U
75-00-3	Chloroethane	ND	100	23.	U
75-35-4	1,1-Dichloroethene	ND	50	12.	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2160756-5	Date Collected	: NA
Client ID	: WG2160756-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/31/25 08:36
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V23251231A05	Instrument ID	: VOA123
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
156-60-5	trans-1,2-Dichloroethene	ND	75	6.8	U
79-01-6	Trichloroethene	ND	25	6.8	U
95-50-1	1,2-Dichlorobenzene	ND	100	7.2	U
541-73-1	1,3-Dichlorobenzene	ND	100	7.4	U
106-46-7	1,4-Dichlorobenzene	ND	100	8.6	U
1634-04-4	Methyl tert butyl ether	ND	100	10.	U
179601-23-1	p/m-Xylene	ND	100	28.	U
95-47-6	o-Xylene	ND	50	14.	U
156-59-2	cis-1,2-Dichloroethene	ND	50	8.8	U
100-42-5	Styrene	ND	50	9.8	U
75-71-8	Dichlorodifluoromethane	ND	500	46.	U
67-64-1	Acetone	ND	500	240	U
75-15-0	Carbon disulfide	ND	500	230	U
78-93-3	2-Butanone	ND	500	110	U
108-10-1	4-Methyl-2-pentanone	ND	500	64.	U
591-78-6	2-Hexanone	ND	500	59.	U
106-93-4	1,2-Dibromoethane	ND	50	14.	U
104-51-8	n-Butylbenzene	ND	50	8.4	U
135-98-8	sec-Butylbenzene	ND	50	7.3	U
98-06-6	tert-Butylbenzene	ND	100	5.9	U
96-12-8	1,2-Dibromo-3-chloropropane	ND	150	50.	U
98-82-8	Isopropylbenzene	ND	50	5.4	U
99-87-6	p-Isopropyltoluene	ND	50	5.4	U
91-20-3	Naphthalene	ND	200	32.	U
103-65-1	n-Propylbenzene	ND	50	8.6	U

Results Summary
Form 1
Volatile Organics by EPA 5035/8260

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2160756-5	Date Collected	: NA
Client ID	: WG2160756-5BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/31/25 08:36
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 1,8260D	Analyst	: BAD
Lab File ID	: V23251231A05	Instrument ID	: VOA123
Sample Amount	: 15.0 g	GC Column	: RTX-VMS
Level	: HIGH	%Solids	: NA
Extract Volume (MeOH)	: 15 ml	Injection Volume	: N/A

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
120-82-1	1,2,4-Trichlorobenzene	ND	100	14.	U
108-67-8	1,3,5-Trimethylbenzene	ND	100	9.6	U
95-63-6	1,2,4-Trimethylbenzene	ND	100	17.	U
79-20-9	Methyl Acetate	ND	200	48.	U
110-82-7	Cyclohexane	ND	500	27.	U
76-13-1	Freon-113	ND	200	35.	U
108-87-2	Methyl cyclohexane	ND	200	30.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-01	Date Collected	: 12/15/25 13:00
Client ID	: AREA01-SW-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 16:02
Sample Matrix	: SOIL	Date Extracted	: 12/27/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-01	Analyst	: JG
Sample Amount	: 30.11 g	Instrument ID	: SV134
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	180	23.	U
118-74-1	Hexachlorobenzene	ND	130	25.	U
111-44-4	Bis(2-chloroethyl)ether	ND	200	30.	U
91-58-7	2-Chloronaphthalene	ND	220	22.	U
91-94-1	3,3'-Dichlorobenzidine	ND	220	59.	U
121-14-2	2,4-Dinitrotoluene	ND	220	44.	U
606-20-2	2,6-Dinitrotoluene	ND	220	38.	U
206-44-0	Fluoranthene	ND	130	26.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	24.	U
101-55-3	4-Bromophenyl phenyl ether	ND	220	34.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	270	38.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	240	22.	U
87-68-3	Hexachlorobutadiene	ND	220	33.	U
77-47-4	Hexachlorocyclopentadiene	ND	640	200	U
67-72-1	Hexachloroethane	ND	180	36.	U
78-59-1	Isophorone	ND	200	29.	U
91-20-3	Naphthalene	ND	220	27.	U
98-95-3	Nitrobenzene	ND	200	33.	U
86-30-6	NDPA/DPA	ND	180	25.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	220	34.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	220	77.	U
85-68-7	Butyl benzyl phthalate	ND	220	56.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-01	Date Collected	: 12/15/25 13:00
Client ID	: AREA01-SW-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 16:02
Sample Matrix	: SOIL	Date Extracted	: 12/27/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-01	Analyst	: JG
Sample Amount	: 30.11 g	Instrument ID	: SV134
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	220	42.	U
117-84-0	Di-n-octylphthalate	ND	220	76.	U
84-66-2	Diethyl phthalate	ND	220	21.	U
131-11-3	Dimethyl phthalate	ND	220	47.	U
56-55-3	Benzo(a)anthracene	ND	130	25.	U
50-32-8	Benzo(a)pyrene	ND	180	54.	U
205-99-2	Benzo(b)fluoranthene	ND	130	38.	U
207-08-9	Benzo(k)fluoranthene	ND	130	36.	U
218-01-9	Chrysene	ND	130	23.	U
208-96-8	Acenaphthylene	ND	180	34.	U
120-12-7	Anthracene	ND	130	43.	U
191-24-2	Benzo(ghi)perylene	ND	180	26.	U
86-73-7	Fluorene	ND	220	22.	U
85-01-8	Phenanthrene	ND	130	27.	U
53-70-3	Dibenzo(a,h)anthracene	ND	130	26.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	31.	U
129-00-0	Pyrene	ND	130	22.	U
92-52-4	Biphenyl	ND	510	29.	U
106-47-8	4-Chloroaniline	ND	220	40.	U
88-74-4	2-Nitroaniline	ND	220	43.	U
99-09-2	3-Nitroaniline	ND	220	42.	U
100-01-6	4-Nitroaniline	ND	220	92.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-01	Date Collected	: 12/15/25 13:00
Client ID	: AREA01-SW-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 16:02
Sample Matrix	: SOIL	Date Extracted	: 12/27/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-01	Analyst	: JG
Sample Amount	: 30.11 g	Instrument ID	: SV134
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	220	21.	U
91-57-6	2-Methylnaphthalene	ND	270	27.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	23.	U
98-86-2	Acetophenone	ND	220	28.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	42.	U
59-50-7	p-Chloro-m-cresol	ND	220	33.	U
95-57-8	2-Chlorophenol	92	220	26.	J
120-83-2	2,4-Dichlorophenol	ND	200	36.	U
105-67-9	2,4-Dimethylphenol	ND	220	74.	U
88-75-5	2-Nitrophenol	ND	480	84.	U
100-02-7	4-Nitrophenol	ND	310	91.	U
51-28-5	2,4-Dinitrophenol	ND	1100	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	580	110	U
87-86-5	Pentachlorophenol	ND	180	49.	U
108-95-2	Phenol	ND	220	34.	U
95-48-7	2-Methylphenol	ND	220	34.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	320	35.	U
95-95-4	2,4,5-Trichlorophenol	ND	220	43.	U
86-74-8	Carbazole	ND	220	22.	U
1912-24-9	Atrazine	ND	180	78.	U
100-52-7	Benzaldehyde	ND	290	60.	U
105-60-2	Caprolactam	ND	220	68.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-01	**Date Collected**	: 12/15/25 13:00
Client ID	: AREA01-SW-12152025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/29/25 16:02
Sample Matrix	: SOIL	**Date Extracted**	: 12/27/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-01	**Analyst**	: JG
Sample Amount	: 30.11 g	**Instrument ID**	: SV134
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 75
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	45.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-01	**Date Collected**	: 12/15/25 13:00
Client ID	: AREA01-SW-12152025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/29/25 16:02
Sample Matrix	: SOIL	**Date Extracted**	: 12/27/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-01	**Analyst**	: JG
Sample Amount	: 30.11 g	**Instrument ID**	: SV134
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 75
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000108-90-7	Benzene, chloro-	2.83	5260	NJ
	Total TIC Compounds		5260J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-02	Date Collected	: 12/15/25 13:10
Client ID	: AREA01-BOTTOM-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 15:40
Sample Matrix	: SOIL	Date Extracted	: 12/27/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-02	Analyst	: JG
Sample Amount	: 30.46 g	Instrument ID	: SV134
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	180	23.	U
118-74-1	Hexachlorobenzene	ND	130	24.	U
111-44-4	Bis(2-chloroethyl)ether	ND	200	30.	U
91-58-7	2-Chloronaphthalene	ND	220	22.	U
91-94-1	3,3'-Dichlorobenzidine	ND	220	58.	U
121-14-2	2,4-Dinitrotoluene	ND	220	44.	U
606-20-2	2,6-Dinitrotoluene	ND	220	38.	U
206-44-0	Fluoranthene	ND	130	25.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	23.	U
101-55-3	4-Bromophenyl phenyl ether	ND	220	33.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	260	37.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	240	22.	U
87-68-3	Hexachlorobutadiene	ND	220	32.	U
77-47-4	Hexachlorocyclopentadiene	ND	630	200	U
67-72-1	Hexachloroethane	ND	180	36.	U
78-59-1	Isophorone	ND	200	28.	U
91-20-3	Naphthalene	ND	220	27.	U
98-95-3	Nitrobenzene	ND	200	32.	U
86-30-6	NDPA/DPA	ND	180	25.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	220	34.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	220	76.	U
85-68-7	Butyl benzyl phthalate	ND	220	55.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-02	Date Collected	: 12/15/25 13:10
Client ID	: AREA01-BOTTOM-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 15:40
Sample Matrix	: SOIL	Date Extracted	: 12/27/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-02	Analyst	: JG
Sample Amount	: 30.46 g	Instrument ID	: SV134
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	220	42.	U
117-84-0	Di-n-octylphthalate	ND	220	75.	U
84-66-2	Diethyl phthalate	ND	220	20.	U
131-11-3	Dimethyl phthalate	ND	220	46.	U
56-55-3	Benzo(a)anthracene	ND	130	25.	U
50-32-8	Benzo(a)pyrene	ND	180	54.	U
205-99-2	Benzo(b)fluoranthene	ND	130	37.	U
207-08-9	Benzo(k)fluoranthene	ND	130	35.	U
218-01-9	Chrysene	ND	130	23.	U
208-96-8	Acenaphthylene	ND	180	34.	U
120-12-7	Anthracene	ND	130	43.	U
191-24-2	Benzo(ghi)perylene	ND	180	26.	U
86-73-7	Fluorene	ND	220	21.	U
85-01-8	Phenanthrene	ND	130	27.	U
53-70-3	Dibenzo(a,h)anthracene	ND	130	25.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	30.	U
129-00-0	Pyrene	ND	130	22.	U
92-52-4	Biphenyl	ND	500	28.	U
106-47-8	4-Chloroaniline	ND	220	40.	U
88-74-4	2-Nitroaniline	ND	220	42.	U
99-09-2	3-Nitroaniline	ND	220	41.	U
100-01-6	4-Nitroaniline	ND	220	91.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-02	Date Collected	: 12/15/25 13:10
Client ID	: AREA01-BOTTOM-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 15:40
Sample Matrix	: SOIL	Date Extracted	: 12/27/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-02	Analyst	: JG
Sample Amount	: 30.46 g	Instrument ID	: SV134
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	220	21.	U
91-57-6	2-Methylnaphthalene	ND	260	26.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	23.	U
98-86-2	Acetophenone	ND	220	27.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	42.	U
59-50-7	p-Chloro-m-cresol	ND	220	33.	U
95-57-8	2-Chlorophenol	ND	220	26.	U
120-83-2	2,4-Dichlorophenol	ND	200	35.	U
105-67-9	2,4-Dimethylphenol	ND	220	72.	U
88-75-5	2-Nitrophenol	ND	470	82.	U
100-02-7	4-Nitrophenol	ND	310	90.	U
51-28-5	2,4-Dinitrophenol	ND	1000	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	570	100	U
87-86-5	Pentachlorophenol	ND	180	48.	U
108-95-2	Phenol	ND	220	33.	U
95-48-7	2-Methylphenol	ND	220	34.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	320	34.	U
95-95-4	2,4,5-Trichlorophenol	ND	220	42.	U
86-74-8	Carbazole	ND	220	21.	U
1912-24-9	Atrazine	ND	180	77.	U
100-52-7	Benzaldehyde	ND	290	59.	U
105-60-2	Caprolactam	ND	220	67.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-02	Date Collected	: 12/15/25 13:10
Client ID	: AREA01-BOTTOM-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 15:40
Sample Matrix	: SOIL	Date Extracted	: 12/27/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-02	Analyst	: JG
Sample Amount	: 30.46 g	Instrument ID	: SV134
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	44.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-02	**Date Collected**	: 12/15/25 13:10
Client ID	: AREA01-BOTTOM-12152025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/29/25 15:40
Sample Matrix	: SOIL	**Date Extracted**	: 12/27/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-02	**Analyst**	: JG
Sample Amount	: 30.46 g	**Instrument ID**	: SV134
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 75
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000108-90-7	Benzene, chloro-	2.83	395	NJ
	Total TIC Compounds		395J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-03	Date Collected	: 12/15/25 14:00
Client ID	: AREA02-NW-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 15:19
Sample Matrix	: SOIL	Date Extracted	: 12/27/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-03	Analyst	: JG
Sample Amount	: 30.49 g	Instrument ID	: SV134
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	170	22.	U
118-74-1	Hexachlorobenzene	ND	120	23.	U
111-44-4	Bis(2-chloroethyl)ether	ND	190	28.	U
91-58-7	2-Chloronaphthalene	ND	210	21.	U
91-94-1	3,3'-Dichlorobenzidine	ND	210	56.	U
121-14-2	2,4-Dinitrotoluene	ND	210	42.	U
606-20-2	2,6-Dinitrotoluene	ND	210	36.	U
206-44-0	Fluoranthene	ND	120	24.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	22.	U
101-55-3	4-Bromophenyl phenyl ether	ND	210	32.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	250	36.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	230	21.	U
87-68-3	Hexachlorobutadiene	ND	210	31.	U
77-47-4	Hexachlorocyclopentadiene	ND	600	190	U
67-72-1	Hexachloroethane	ND	170	34.	U
78-59-1	Isophorone	ND	190	27.	U
91-20-3	Naphthalene	ND	210	26.	U
98-95-3	Nitrobenzene	ND	190	31.	U
86-30-6	NDPA/DPA	ND	170	24.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	210	32.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	210	72.	U
85-68-7	Butyl benzyl phthalate	ND	210	53.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-03	Date Collected	: 12/15/25 14:00
Client ID	: AREA02-NW-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 15:19
Sample Matrix	: SOIL	Date Extracted	: 12/27/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-03	Analyst	: JG
Sample Amount	: 30.49 g	Instrument ID	: SV134
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	210	40.	U
117-84-0	Di-n-octylphthalate	ND	210	71.	U
84-66-2	Diethyl phthalate	ND	210	19.	U
131-11-3	Dimethyl phthalate	ND	210	44.	U
56-55-3	Benzo(a)anthracene	ND	120	24.	U
50-32-8	Benzo(a)pyrene	ND	170	51.	U
205-99-2	Benzo(b)fluoranthene	ND	120	35.	U
207-08-9	Benzo(k)fluoranthene	ND	120	34.	U
218-01-9	Chrysene	ND	120	22.	U
208-96-8	Acenaphthylene	ND	170	32.	U
120-12-7	Anthracene	ND	120	41.	U
191-24-2	Benzo(ghi)perylene	ND	170	25.	U
86-73-7	Fluorene	ND	210	20.	U
85-01-8	Phenanthrene	ND	120	25.	U
53-70-3	Dibenzo(a,h)anthracene	ND	120	24.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	29.	U
129-00-0	Pyrene	ND	120	21.	U
92-52-4	Biphenyl	ND	480	27.	U
106-47-8	4-Chloroaniline	ND	210	38.	U
88-74-4	2-Nitroaniline	ND	210	40.	U
99-09-2	3-Nitroaniline	ND	210	40.	U
100-01-6	4-Nitroaniline	ND	210	87.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-03	Date Collected	: 12/15/25 14:00
Client ID	: AREA02-NW-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/29/25 15:19
Sample Matrix	: SOIL	Date Extracted	: 12/27/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-03	Analyst	: JG
Sample Amount	: 30.49 g	Instrument ID	: SV134
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 78
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	210	20.	U
91-57-6	2-Methylnaphthalene	ND	250	25.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	22.	U
98-86-2	Acetophenone	ND	210	26.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	40.	U
59-50-7	p-Chloro-m-cresol	ND	210	31.	U
95-57-8	2-Chlorophenol	ND	210	25.	U
120-83-2	2,4-Dichlorophenol	ND	190	34.	U
105-67-9	2,4-Dimethylphenol	ND	210	69.	U
88-75-5	2-Nitrophenol	ND	450	79.	U
100-02-7	4-Nitrophenol	ND	290	86.	U
51-28-5	2,4-Dinitrophenol	ND	1000	98.	U
534-52-1	4,6-Dinitro-o-cresol	ND	540	100	U
87-86-5	Pentachlorophenol	ND	170	46.	U
108-95-2	Phenol	ND	210	32.	U
95-48-7	2-Methylphenol	ND	210	32.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	300	33.	U
95-95-4	2,4,5-Trichlorophenol	ND	210	40.	U
86-74-8	Carbazole	ND	210	20.	U
1912-24-9	Atrazine	ND	170	73.	U
100-52-7	Benzaldehyde	ND	280	57.	U
105-60-2	Caprolactam	ND	210	64.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-03	**Date Collected**	: 12/15/25 14:00
Client ID	: AREA02-NW-12152025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/29/25 15:19
Sample Matrix	: SOIL	**Date Extracted**	: 12/27/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-03	**Analyst**	: JG
Sample Amount	: 30.49 g	**Instrument ID**	: SV134
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 78
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	42.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-03	**Date Collected**	: 12/15/25 14:00
Client ID	: AREA02-NW-12152025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 12/29/25 15:19
Sample Matrix	: SOIL	**Date Extracted**	: 12/27/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-03	**Analyst**	: JG
Sample Amount	: 30.49 g	**Instrument ID**	: SV134
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 78
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000108-90-7	Benzene, chloro-	2.83	3470	NJ
	Total TIC Compounds		3470J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-04	Date Collected	: 12/16/25 12:00
Client ID	: AREA03-SW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 20:49
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-04	Analyst	: IMK
Sample Amount	: 30.7 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 71
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	180	24.	U
118-74-1	Hexachlorobenzene	ND	140	26.	U
111-44-4	Bis(2-chloroethyl)ether	ND	210	31.	U
91-58-7	2-Chloronaphthalene	ND	230	23.	U
91-94-1	3,3'-Dichlorobenzidine	ND	230	61.	U
121-14-2	2,4-Dinitrotoluene	ND	230	46.	U
606-20-2	2,6-Dinitrotoluene	ND	230	39.	U
206-44-0	Fluoranthene	ND	140	26.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	230	24.	U
101-55-3	4-Bromophenyl phenyl ether	ND	230	35.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	270	39.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	250	23.	U
87-68-3	Hexachlorobutadiene	ND	230	34.	U
77-47-4	Hexachlorocyclopentadiene	ND	660	210	U
67-72-1	Hexachloroethane	ND	180	37.	U
78-59-1	Isophorone	ND	210	30.	U
91-20-3	Naphthalene	ND	230	28.	U
98-95-3	Nitrobenzene	ND	210	34.	U
86-30-6	NDPA/DPA	ND	180	26.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	230	35.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	230	79.	U
85-68-7	Butyl benzyl phthalate	ND	230	58.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-04	Date Collected	: 12/16/25 12:00
Client ID	: AREA03-SW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 20:49
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-04	Analyst	: IMK
Sample Amount	: 30.7 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 71
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	230	43.	U
117-84-0	Di-n-octylphthalate	ND	230	78.	U
84-66-2	Diethyl phthalate	ND	230	21.	U
131-11-3	Dimethyl phthalate	ND	230	48.	U
56-55-3	Benzo(a)anthracene	ND	140	26.	U
50-32-8	Benzo(a)pyrene	ND	180	56.	U
205-99-2	Benzo(b)fluoranthene	ND	140	38.	U
207-08-9	Benzo(k)fluoranthene	ND	140	37.	U
218-01-9	Chrysene	ND	140	24.	U
208-96-8	Acenaphthylene	ND	180	35.	U
120-12-7	Anthracene	ND	140	45.	U
191-24-2	Benzo(ghi)perylene	ND	180	27.	U
86-73-7	Fluorene	ND	230	22.	U
85-01-8	Phenanthrene	ND	140	28.	U
53-70-3	Dibenzo(a,h)anthracene	ND	140	26.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	32.	U
129-00-0	Pyrene	ND	140	23.	U
92-52-4	Biphenyl	ND	520	30.	U
106-47-8	4-Chloroaniline	ND	230	42.	U
88-74-4	2-Nitroaniline	ND	230	44.	U
99-09-2	3-Nitroaniline	ND	230	43.	U
100-01-6	4-Nitroaniline	ND	230	95.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-04	Date Collected	: 12/16/25 12:00
Client ID	: AREA03-SW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 20:49
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-04	Analyst	: IMK
Sample Amount	: 30.7 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 71
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	230	22.	U
91-57-6	2-Methylnaphthalene	ND	270	28.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	230	24.	U
98-86-2	Acetophenone	ND	230	28.	U
88-06-2	2,4,6-Trichlorophenol	ND	140	43.	U
59-50-7	p-Chloro-m-cresol	ND	230	34.	U
95-57-8	2-Chlorophenol	980	230	27.	
120-83-2	2,4-Dichlorophenol	ND	210	37.	U
105-67-9	2,4-Dimethylphenol	ND	230	76.	U
88-75-5	2-Nitrophenol	ND	490	86.	U
100-02-7	4-Nitrophenol	ND	320	93.	U
51-28-5	2,4-Dinitrophenol	ND	1100	110	U
534-52-1	4,6-Dinitro-o-cresol	ND	600	110	U
87-86-5	Pentachlorophenol	ND	180	50.	U
108-95-2	Phenol	ND	230	34.	U
95-48-7	2-Methylphenol	ND	230	36.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	330	36.	U
95-95-4	2,4,5-Trichlorophenol	ND	230	44.	U
86-74-8	Carbazole	ND	230	22.	U
1912-24-9	Atrazine	ND	180	80.	U
100-52-7	Benzaldehyde	ND	300	62.	U
105-60-2	Caprolactam	ND	230	70.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-04	Date Collected	: 12/16/25 12:00
Client ID	: AREA03-SW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 20:49
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-04	Analyst	: IMK
Sample Amount	: 30.7 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 71
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	230	46.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-04	**Date Collected**	: 12/16/25 12:00
Client ID	: AREA03-SW-12162025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 01/02/26 20:49
Sample Matrix	: SOIL	**Date Extracted**	: 12/28/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-04	**Analyst**	: IMK
Sample Amount	: 30.7 g	**Instrument ID**	: MORK
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 71
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 4 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000108-90-7	Benzene, chloro-	1.93	18700	NJ
	Unknown Phenol	4.44	779	J
	Unknown Alkane	9.86	187	J
	Total TIC Compounds		19700J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-05	Date Collected	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 20:29
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-05	Analyst	: IMK
Sample Amount	: 30.48 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	170	22.	U
118-74-1	Hexachlorobenzene	ND	130	24.	U
111-44-4	Bis(2-chloroethyl)ether	ND	190	29.	U
91-58-7	2-Chloronaphthalene	ND	210	21.	U
91-94-1	3,3'-Dichlorobenzidine	ND	210	57.	U
121-14-2	2,4-Dinitrotoluene	ND	210	43.	U
606-20-2	2,6-Dinitrotoluene	ND	210	36.	U
206-44-0	Fluoranthene	ND	130	24.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	23.	U
101-55-3	4-Bromophenyl phenyl ether	ND	210	32.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	260	36.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	230	21.	U
87-68-3	Hexachlorobutadiene	ND	210	31.	U
77-47-4	Hexachlorocyclopentadiene	ND	610	190	U
67-72-1	Hexachloroethane	ND	170	34.	U
78-59-1	Isophorone	ND	190	28.	U
91-20-3	Naphthalene	ND	210	26.	U
98-95-3	Nitrobenzene	ND	190	32.	U
86-30-6	NDPA/DPA	ND	170	24.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	210	33.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	210	74.	U
85-68-7	Butyl benzyl phthalate	ND	210	54.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-05	Date Collected	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 20:29
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-05	Analyst	: IMK
Sample Amount	: 30.48 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	210	40.	U
117-84-0	Di-n-octylphthalate	ND	210	72.	U
84-66-2	Diethyl phthalate	ND	210	20.	U
131-11-3	Dimethyl phthalate	ND	210	45.	U
56-55-3	Benzo(a)anthracene	ND	130	24.	U
50-32-8	Benzo(a)pyrene	ND	170	52.	U
205-99-2	Benzo(b)fluoranthene	ND	130	36.	U
207-08-9	Benzo(k)fluoranthene	ND	130	34.	U
218-01-9	Chrysene	ND	130	22.	U
208-96-8	Acenaphthylene	ND	170	33.	U
120-12-7	Anthracene	ND	130	42.	U
191-24-2	Benzo(ghi)perylene	ND	170	25.	U
86-73-7	Fluorene	ND	210	21.	U
85-01-8	Phenanthrene	ND	130	26.	U
53-70-3	Dibenzo(a,h)anthracene	ND	130	25.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	30.	U
129-00-0	Pyrene	ND	130	21.	U
92-52-4	Biphenyl	ND	480	28.	U
106-47-8	4-Chloroaniline	ND	210	39.	U
88-74-4	2-Nitroaniline	ND	210	41.	U
99-09-2	3-Nitroaniline	ND	210	40.	U
100-01-6	4-Nitroaniline	ND	210	88.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-05	Date Collected	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 20:29
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-05	Analyst	: IMK
Sample Amount	: 30.48 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	210	20.	U
91-57-6	2-Methylnaphthalene	ND	260	26.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	22.	U
98-86-2	Acetophenone	ND	210	26.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	40.	U
59-50-7	p-Chloro-m-cresol	ND	210	32.	U
95-57-8	2-Chlorophenol	ND	210	25.	U
120-83-2	2,4-Dichlorophenol	ND	190	34.	U
105-67-9	2,4-Dimethylphenol	ND	210	70.	U
88-75-5	2-Nitrophenol	ND	460	80.	U
100-02-7	4-Nitrophenol	ND	300	87.	U
51-28-5	2,4-Dinitrophenol	ND	1000	99.	U
534-52-1	4,6-Dinitro-o-cresol	ND	550	100	U
87-86-5	Pentachlorophenol	ND	170	47.	U
108-95-2	Phenol	ND	210	32.	U
95-48-7	2-Methylphenol	ND	210	33.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	310	33.	U
95-95-4	2,4,5-Trichlorophenol	ND	210	41.	U
86-74-8	Carbazole	ND	210	21.	U
1912-24-9	Atrazine	ND	170	74.	U
100-52-7	Benzaldehyde	ND	280	58.	U
105-60-2	Caprolactam	ND	210	65.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-05	Date Collected	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 20:29
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-05	Analyst	: IMK
Sample Amount	: 30.48 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	43.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-05	**Date Collected**	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 01/02/26 20:29
Sample Matrix	: SOIL	**Date Extracted**	: 12/28/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-05	**Analyst**	: IMK
Sample Amount	: 30.48 g	**Instrument ID**	: MORK
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 77
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000108-90-7	Benzene, chloro-	1.93	602	NJ
	Total TIC Compounds		602J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-06	Date Collected	: 12/16/25 13:00
Client ID	: AREA03-EW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 20:10
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-06	Analyst	: IMK
Sample Amount	: 30.74 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	170	22.	U
118-74-1	Hexachlorobenzene	ND	130	24.	U
111-44-4	Bis(2-chloroethyl)ether	ND	190	29.	U
91-58-7	2-Chloronaphthalene	ND	210	21.	U
91-94-1	3,3'-Dichlorobenzidine	ND	210	56.	U
121-14-2	2,4-Dinitrotoluene	ND	210	42.	U
606-20-2	2,6-Dinitrotoluene	ND	210	36.	U
206-44-0	Fluoranthene	ND	130	24.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	23.	U
101-55-3	4-Bromophenyl phenyl ether	ND	210	32.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	250	36.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	230	21.	U
87-68-3	Hexachlorobutadiene	ND	210	31.	U
77-47-4	Hexachlorocyclopentadiene	ND	600	190	U
67-72-1	Hexachloroethane	ND	170	34.	U
78-59-1	Isophorone	ND	190	27.	U
91-20-3	Naphthalene	ND	210	26.	U
98-95-3	Nitrobenzene	ND	190	31.	U
86-30-6	NDPA/DPA	ND	170	24.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	210	33.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	210	73.	U
85-68-7	Butyl benzyl phthalate	ND	210	53.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-06	Date Collected	: 12/16/25 13:00
Client ID	: AREA03-EW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 20:10
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-06	Analyst	: IMK
Sample Amount	: 30.74 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	210	40.	U
117-84-0	Di-n-octylphthalate	ND	210	72.	U
84-66-2	Diethyl phthalate	ND	210	20.	U
131-11-3	Dimethyl phthalate	ND	210	44.	U
56-55-3	Benzo(a)anthracene	ND	130	24.	U
50-32-8	Benzo(a)pyrene	ND	170	52.	U
205-99-2	Benzo(b)fluoranthene	ND	130	36.	U
207-08-9	Benzo(k)fluoranthene	ND	130	34.	U
218-01-9	Chrysene	ND	130	22.	U
208-96-8	Acenaphthylene	ND	170	33.	U
120-12-7	Anthracene	ND	130	41.	U
191-24-2	Benzo(ghi)perylene	ND	170	25.	U
86-73-7	Fluorene	ND	210	20.	U
85-01-8	Phenanthrene	ND	130	26.	U
53-70-3	Dibenzo(a,h)anthracene	ND	130	24.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	29.	U
129-00-0	Pyrene	ND	130	21.	U
92-52-4	Biphenyl	ND	480	27.	U
106-47-8	4-Chloroaniline	ND	210	38.	U
88-74-4	2-Nitroaniline	ND	210	41.	U
99-09-2	3-Nitroaniline	ND	210	40.	U
100-01-6	4-Nitroaniline	ND	210	87.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-06	Date Collected	: 12/16/25 13:00
Client ID	: AREA03-EW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 20:10
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-06	Analyst	: IMK
Sample Amount	: 30.74 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	210	20.	U
91-57-6	2-Methylnaphthalene	ND	250	26.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	210	22.	U
98-86-2	Acetophenone	ND	210	26.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	40.	U
59-50-7	p-Chloro-m-cresol	ND	210	31.	U
95-57-8	2-Chlorophenol	140	210	25.	J
120-83-2	2,4-Dichlorophenol	ND	190	34.	U
105-67-9	2,4-Dimethylphenol	ND	210	70.	U
88-75-5	2-Nitrophenol	ND	460	79.	U
100-02-7	4-Nitrophenol	ND	300	86.	U
51-28-5	2,4-Dinitrophenol	ND	1000	98.	U
534-52-1	4,6-Dinitro-o-cresol	ND	550	100	U
87-86-5	Pentachlorophenol	ND	170	46.	U
108-95-2	Phenol	ND	210	32.	U
95-48-7	2-Methylphenol	ND	210	33.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	300	33.	U
95-95-4	2,4,5-Trichlorophenol	ND	210	40.	U
86-74-8	Carbazole	ND	210	20.	U
1912-24-9	Atrazine	ND	170	74.	U
100-52-7	Benzaldehyde	ND	280	57.	U
105-60-2	Caprolactam	ND	210	64.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-06	Date Collected	: 12/16/25 13:00
Client ID	: AREA03-EW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 20:10
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-06	Analyst	: IMK
Sample Amount	: 30.74 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 77
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	43.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-06	**Date Collected**	: 12/16/25 13:00
Client ID	: AREA03-EW-12162025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 01/02/26 20:10
Sample Matrix	: SOIL	**Date Extracted**	: 12/28/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-06	**Analyst**	: IMK
Sample Amount	: 30.74 g	**Instrument ID**	: MORK
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 77
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000108-90-7	Benzene, chloro-	1.94	48900	NJ
	Total TIC Compounds		48900J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-07	Date Collected	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 19:50
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-07	Analyst	: IMK
Sample Amount	: 30.79 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	170	22.	U
118-74-1	Hexachlorobenzene	ND	130	24.	U
111-44-4	Bis(2-chloroethyl)ether	ND	200	29.	U
91-58-7	2-Chloronaphthalene	ND	220	22.	U
91-94-1	3,3'-Dichlorobenzidine	ND	220	58.	U
121-14-2	2,4-Dinitrotoluene	ND	220	43.	U
606-20-2	2,6-Dinitrotoluene	ND	220	37.	U
206-44-0	Fluoranthene	ND	130	25.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	23.	U
101-55-3	4-Bromophenyl phenyl ether	ND	220	33.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	260	37.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	230	22.	U
87-68-3	Hexachlorobutadiene	ND	220	32.	U
77-47-4	Hexachlorocyclopentadiene	ND	620	200	U
67-72-1	Hexachloroethane	ND	170	35.	U
78-59-1	Isophorone	ND	200	28.	U
91-20-3	Naphthalene	ND	220	26.	U
98-95-3	Nitrobenzene	ND	200	32.	U
86-30-6	NDPA/DPA	ND	170	25.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	220	33.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	220	75.	U
85-68-7	Butyl benzyl phthalate	ND	220	55.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-07	Date Collected	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 19:50
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-07	Analyst	: IMK
Sample Amount	: 30.79 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	220	41.	U
117-84-0	Di-n-octylphthalate	ND	220	74.	U
84-66-2	Diethyl phthalate	ND	220	20.	U
131-11-3	Dimethyl phthalate	ND	220	46.	U
56-55-3	Benzo(a)anthracene	ND	130	24.	U
50-32-8	Benzo(a)pyrene	ND	170	53.	U
205-99-2	Benzo(b)fluoranthene	ND	130	36.	U
207-08-9	Benzo(k)fluoranthene	ND	130	35.	U
218-01-9	Chrysene	ND	130	22.	U
208-96-8	Acenaphthylene	ND	170	33.	U
120-12-7	Anthracene	ND	130	42.	U
191-24-2	Benzo(ghi)perylene	ND	170	25.	U
86-73-7	Fluorene	ND	220	21.	U
85-01-8	Phenanthrene	ND	130	26.	U
53-70-3	Dibenzo(a,h)anthracene	ND	130	25.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	30.	U
129-00-0	Pyrene	ND	130	22.	U
92-52-4	Biphenyl	ND	490	28.	U
106-47-8	4-Chloroaniline	ND	220	39.	U
88-74-4	2-Nitroaniline	ND	220	42.	U
99-09-2	3-Nitroaniline	ND	220	41.	U
100-01-6	4-Nitroaniline	ND	220	90.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-07	Date Collected	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 19:50
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-07	Analyst	: IMK
Sample Amount	: 30.79 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	220	20.	U
91-57-6	2-Methylnaphthalene	ND	260	26.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	23.	U
98-86-2	Acetophenone	ND	220	27.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	41.	U
59-50-7	p-Chloro-m-cresol	ND	220	32.	U
95-57-8	2-Chlorophenol	ND	220	26.	U
120-83-2	2,4-Dichlorophenol	ND	200	35.	U
105-67-9	2,4-Dimethylphenol	ND	220	72.	U
88-75-5	2-Nitrophenol	ND	470	82.	U
100-02-7	4-Nitrophenol	ND	300	88.	U
51-28-5	2,4-Dinitrophenol	ND	1000	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	560	100	U
87-86-5	Pentachlorophenol	ND	170	48.	U
108-95-2	Phenol	ND	220	33.	U
95-48-7	2-Methylphenol	ND	220	34.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	310	34.	U
95-95-4	2,4,5-Trichlorophenol	ND	220	42.	U
86-74-8	Carbazole	ND	220	21.	U
1912-24-9	Atrazine	ND	170	76.	U
100-52-7	Benzaldehyde	ND	290	58.	U
105-60-2	Caprolactam	ND	220	66.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-07	Date Collected	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/02/26 19:50
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-07	Analyst	: IMK
Sample Amount	: 30.79 g	Instrument ID	: MORK
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 75
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	44.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-07	**Date Collected**	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 01/02/26 19:50
Sample Matrix	: SOIL	**Date Extracted**	: 12/28/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-07	**Analyst**	: IMK
Sample Amount	: 30.79 g	**Instrument ID**	: MORK
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 75
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000108-90-7	Benzene, chloro-	1.93	328	NJ
	Total TIC Compounds		328J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-08	Date Collected	: 12/18/25 10:00
Client ID	: AREA04-BOTTOM-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 15:28
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-08	Analyst	: CMM
Sample Amount	: 30.46 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 74
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	180	23.	U
118-74-1	Hexachlorobenzene	ND	130	25.	U
111-44-4	Bis(2-chloroethyl)ether	ND	200	30.	U
91-58-7	2-Chloronaphthalene	ND	220	22.	U
91-94-1	3,3'-Dichlorobenzidine	ND	220	59.	U
121-14-2	2,4-Dinitrotoluene	ND	220	44.	U
606-20-2	2,6-Dinitrotoluene	ND	220	38.	U
206-44-0	Fluoranthene	ND	130	26.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	24.	U
101-55-3	4-Bromophenyl phenyl ether	ND	220	34.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	270	38.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	240	22.	U
87-68-3	Hexachlorobutadiene	ND	220	33.	U
77-47-4	Hexachlorocyclopentadiene	ND	640	200	U
67-72-1	Hexachloroethane	ND	180	36.	U
78-59-1	Isophorone	ND	200	29.	U
91-20-3	Naphthalene	ND	220	27.	U
98-95-3	Nitrobenzene	ND	200	33.	U
86-30-6	NDPA/DPA	ND	180	25.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	220	34.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	220	77.	U
85-68-7	Butyl benzyl phthalate	ND	220	56.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-08	Date Collected	: 12/18/25 10:00
Client ID	: AREA04-BOTTOM-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 15:28
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-08	Analyst	: CMM
Sample Amount	: 30.46 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 74
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	220	42.	U
117-84-0	Di-n-octylphthalate	ND	220	76.	U
84-66-2	Diethyl phthalate	ND	220	21.	U
131-11-3	Dimethyl phthalate	ND	220	47.	U
56-55-3	Benzo(a)anthracene	ND	130	25.	U
50-32-8	Benzo(a)pyrene	ND	180	54.	U
205-99-2	Benzo(b)fluoranthene	ND	130	38.	U
207-08-9	Benzo(k)fluoranthene	ND	130	36.	U
218-01-9	Chrysene	ND	130	23.	U
208-96-8	Acenaphthylene	ND	180	34.	U
120-12-7	Anthracene	ND	130	43.	U
191-24-2	Benzo(ghi)perylene	ND	180	26.	U
86-73-7	Fluorene	ND	220	22.	U
85-01-8	Phenanthrene	ND	130	27.	U
53-70-3	Dibenzo(a,h)anthracene	ND	130	26.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	180	31.	U
129-00-0	Pyrene	ND	130	22.	U
92-52-4	Biphenyl	ND	510	29.	U
106-47-8	4-Chloroaniline	ND	220	40.	U
88-74-4	2-Nitroaniline	ND	220	43.	U
99-09-2	3-Nitroaniline	ND	220	42.	U
100-01-6	4-Nitroaniline	ND	220	92.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-08	Date Collected	: 12/18/25 10:00
Client ID	: AREA04-BOTTOM-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 15:28
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-08	Analyst	: CMM
Sample Amount	: 30.46 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 74
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	220	21.	U
91-57-6	2-Methylnaphthalene	ND	270	27.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	23.	U
98-86-2	Acetophenone	ND	220	28.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	42.	U
59-50-7	p-Chloro-m-cresol	ND	220	33.	U
95-57-8	2-Chlorophenol	ND	220	26.	U
120-83-2	2,4-Dichlorophenol	ND	200	36.	U
105-67-9	2,4-Dimethylphenol	ND	220	73.	U
88-75-5	2-Nitrophenol	ND	480	84.	U
100-02-7	4-Nitrophenol	ND	310	91.	U
51-28-5	2,4-Dinitrophenol	ND	1100	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	580	110	U
87-86-5	Pentachlorophenol	ND	180	49.	U
108-95-2	Phenol	ND	220	34.	U
95-48-7	2-Methylphenol	ND	220	34.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	320	35.	U
95-95-4	2,4,5-Trichlorophenol	ND	220	43.	U
86-74-8	Carbazole	ND	220	22.	U
1912-24-9	Atrazine	ND	180	78.	U
100-52-7	Benzaldehyde	ND	290	60.	U
105-60-2	Caprolactam	ND	220	68.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-08	Date Collected	: 12/18/25 10:00
Client ID	: AREA04-BOTTOM-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 15:28
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-08	Analyst	: CMM
Sample Amount	: 30.46 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 74
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	45.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-08	**Date Collected**	: 12/18/25 10:00
Client ID	: AREA04-BOTTOM-12182025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 01/03/26 15:28
Sample Matrix	: SOIL	**Date Extracted**	: 12/30/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-08	**Analyst**	: CMM
Sample Amount	: 30.46 g	**Instrument ID**	: SV103
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 74
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000108-90-7	Benzene, chloro-	1.55	266	NJ
	Total TIC Compounds		266J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-09	Date Collected	: 12/18/25 11:00
Client ID	: AREA04-SW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 15:49
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-09	Analyst	: CMM
Sample Amount	: 30.84 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 74
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	170	22.	U
118-74-1	Hexachlorobenzene	ND	130	24.	U
111-44-4	Bis(2-chloroethyl)ether	ND	200	30.	U
91-58-7	2-Chloronaphthalene	ND	220	22.	U
91-94-1	3,3'-Dichlorobenzidine	ND	220	58.	U
121-14-2	2,4-Dinitrotoluene	ND	220	44.	U
606-20-2	2,6-Dinitrotoluene	ND	220	37.	U
206-44-0	Fluoranthene	ND	130	25.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	23.	U
101-55-3	4-Bromophenyl phenyl ether	ND	220	33.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	260	37.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	240	22.	U
87-68-3	Hexachlorobutadiene	ND	220	32.	U
77-47-4	Hexachlorocyclopentadiene	ND	620	200	U
67-72-1	Hexachloroethane	ND	170	35.	U
78-59-1	Isophorone	ND	200	28.	U
91-20-3	Naphthalene	ND	220	26.	U
98-95-3	Nitrobenzene	ND	200	32.	U
86-30-6	NDPA/DPA	ND	170	25.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	220	34.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	220	75.	U
85-68-7	Butyl benzyl phthalate	ND	220	55.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-09	Date Collected	: 12/18/25 11:00
Client ID	: AREA04-SW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 15:49
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-09	Analyst	: CMM
Sample Amount	: 30.84 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 74
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	220	41.	U
117-84-0	Di-n-octylphthalate	ND	220	74.	U
84-66-2	Diethyl phthalate	ND	220	20.	U
131-11-3	Dimethyl phthalate	ND	220	46.	U
56-55-3	Benzo(a)anthracene	ND	130	24.	U
50-32-8	Benzo(a)pyrene	ND	170	53.	U
205-99-2	Benzo(b)fluoranthene	ND	130	37.	U
207-08-9	Benzo(k)fluoranthene	ND	130	35.	U
218-01-9	Chrysene	ND	130	23.	U
208-96-8	Acenaphthylene	ND	170	34.	U
120-12-7	Anthracene	ND	130	42.	U
191-24-2	Benzo(ghi)perylene	ND	170	26.	U
86-73-7	Fluorene	ND	220	21.	U
85-01-8	Phenanthrene	ND	130	26.	U
53-70-3	Dibenzo(a,h)anthracene	ND	130	25.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	30.	U
129-00-0	Pyrene	ND	130	22.	U
92-52-4	Biphenyl	ND	500	28.	U
106-47-8	4-Chloroaniline	ND	220	40.	U
88-74-4	2-Nitroaniline	ND	220	42.	U
99-09-2	3-Nitroaniline	ND	220	41.	U
100-01-6	4-Nitroaniline	ND	220	90.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-09	Date Collected	: 12/18/25 11:00
Client ID	: AREA04-SW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 15:49
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-09	Analyst	: CMM
Sample Amount	: 30.84 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 74
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	220	21.	U
91-57-6	2-Methylnaphthalene	ND	260	26.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	23.	U
98-86-2	Acetophenone	ND	220	27.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	41.	U
59-50-7	p-Chloro-m-cresol	ND	220	32.	U
95-57-8	2-Chlorophenol	ND	220	26.	U
120-83-2	2,4-Dichlorophenol	ND	200	35.	U
105-67-9	2,4-Dimethylphenol	ND	220	72.	U
88-75-5	2-Nitrophenol	ND	470	82.	U
100-02-7	4-Nitrophenol	ND	300	89.	U
51-28-5	2,4-Dinitrophenol	ND	1000	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	570	100	U
87-86-5	Pentachlorophenol	ND	170	48.	U
108-95-2	Phenol	ND	220	33.	U
95-48-7	2-Methylphenol	ND	220	34.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	310	34.	U
95-95-4	2,4,5-Trichlorophenol	ND	220	42.	U
86-74-8	Carbazole	ND	220	21.	U
1912-24-9	Atrazine	ND	170	76.	U
100-52-7	Benzaldehyde	ND	290	59.	U
105-60-2	Caprolactam	ND	220	66.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-09	**Date Collected**	: 12/18/25 11:00
Client ID	: AREA04-SW-12182025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 01/03/26 15:49
Sample Matrix	: SOIL	**Date Extracted**	: 12/30/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-09	**Analyst**	: CMM
Sample Amount	: 30.84 g	**Instrument ID**	: SV103
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 74
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	44.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-09	**Date Collected**	: 12/18/25 11:00
Client ID	: AREA04-SW-12182025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 01/03/26 15:49
Sample Matrix	: SOIL	**Date Extracted**	: 12/30/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-09	**Analyst**	: CMM
Sample Amount	: 30.84 g	**Instrument ID**	: SV103
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 74
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000108-90-7	Benzene, chloro-	1.56	524	NJ
	Total TIC Compounds		524J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-10	Date Collected	: 12/18/25 11:25
Client ID	: AREA04-WW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 16:10
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-10	Analyst	: CMM
Sample Amount	: 30.79 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	160	21.	U
118-74-1	Hexachlorobenzene	ND	120	22.	U
111-44-4	Bis(2-chloroethyl)ether	ND	180	27.	U
91-58-7	2-Chloronaphthalene	ND	200	20.	U
91-94-1	3,3'-Dichlorobenzidine	ND	200	53.	U
121-14-2	2,4-Dinitrotoluene	ND	200	40.	U
606-20-2	2,6-Dinitrotoluene	ND	200	34.	U
206-44-0	Fluoranthene	ND	120	23.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	200	21.	U
101-55-3	4-Bromophenyl phenyl ether	ND	200	30.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	240	34.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	220	20.	U
87-68-3	Hexachlorobutadiene	ND	200	29.	U
77-47-4	Hexachlorocyclopentadiene	ND	570	180	U
67-72-1	Hexachloroethane	ND	160	32.	U
78-59-1	Isophorone	ND	180	26.	U
91-20-3	Naphthalene	ND	200	24.	U
98-95-3	Nitrobenzene	ND	180	30.	U
86-30-6	NDPA/DPA	ND	160	23.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	200	31.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	200	69.	U
85-68-7	Butyl benzyl phthalate	ND	200	50.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-10	Date Collected	: 12/18/25 11:25
Client ID	: AREA04-WW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 16:10
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-10	Analyst	: CMM
Sample Amount	: 30.79 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	200	38.	U
117-84-0	Di-n-octylphthalate	ND	200	68.	U
84-66-2	Diethyl phthalate	ND	200	18.	U
131-11-3	Dimethyl phthalate	ND	200	42.	U
56-55-3	Benzo(a)anthracene	ND	120	22.	U
50-32-8	Benzo(a)pyrene	ND	160	49.	U
205-99-2	Benzo(b)fluoranthene	ND	120	34.	U
207-08-9	Benzo(k)fluoranthene	ND	120	32.	U
218-01-9	Chrysene	ND	120	21.	U
208-96-8	Acenaphthylene	ND	160	31.	U
120-12-7	Anthracene	ND	120	39.	U
191-24-2	Benzo(ghi)perylene	ND	160	23.	U
86-73-7	Fluorene	ND	200	19.	U
85-01-8	Phenanthrene	ND	120	24.	U
53-70-3	Dibenzo(a,h)anthracene	ND	120	23.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	160	28.	U
129-00-0	Pyrene	ND	120	20.	U
92-52-4	Biphenyl	ND	460	26.	U
106-47-8	4-Chloroaniline	ND	200	36.	U
88-74-4	2-Nitroaniline	ND	200	38.	U
99-09-2	3-Nitroaniline	ND	200	38.	U
100-01-6	4-Nitroaniline	ND	200	83.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-10	Date Collected	: 12/18/25 11:25
Client ID	: AREA04-WW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 16:10
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-10	Analyst	: CMM
Sample Amount	: 30.79 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	200	19.	U
91-57-6	2-Methylnaphthalene	ND	240	24.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	200	21.	U
98-86-2	Acetophenone	ND	200	25.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	38.	U
59-50-7	p-Chloro-m-cresol	ND	200	30.	U
95-57-8	2-Chlorophenol	ND	200	24.	U
120-83-2	2,4-Dichlorophenol	ND	180	32.	U
105-67-9	2,4-Dimethylphenol	ND	200	66.	U
88-75-5	2-Nitrophenol	ND	430	75.	U
100-02-7	4-Nitrophenol	ND	280	81.	U
51-28-5	2,4-Dinitrophenol	ND	960	93.	U
534-52-1	4,6-Dinitro-o-cresol	ND	520	96.	U
87-86-5	Pentachlorophenol	ND	160	44.	U
108-95-2	Phenol	ND	200	30.	U
95-48-7	2-Methylphenol	ND	200	31.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	290	31.	U
95-95-4	2,4,5-Trichlorophenol	ND	200	38.	U
86-74-8	Carbazole	ND	200	19.	U
1912-24-9	Atrazine	ND	160	70.	U
100-52-7	Benzaldehyde	ND	260	54.	U
105-60-2	Caprolactam	ND	200	61.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-10	Date Collected	: 12/18/25 11:25
Client ID	: AREA04-WW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 16:10
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-10	Analyst	: CMM
Sample Amount	: 30.79 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 81
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	200	40.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-10	**Date Collected**	: 12/18/25 11:25
Client ID	: AREA04-WW-12182025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 01/03/26 16:10
Sample Matrix	: SOIL	**Date Extracted**	: 12/30/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-10	**Analyst**	: CMM
Sample Amount	: 30.79 g	**Instrument ID**	: SV103
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 81
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	Unknown	8.91	660	J
	Total TIC Compounds		660J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-11	Date Collected	: 12/18/25 13:00
Client ID	: NW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 16:31
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-11	Analyst	: CMM
Sample Amount	: 30.26 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 79
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	23	170	22.	J
118-74-1	Hexachlorobenzene	120	120	23.	
111-44-4	Bis(2-chloroethyl)ether	ND	190	28.	U
91-58-7	2-Chloronaphthalene	ND	210	21.	U
91-94-1	3,3'-Dichlorobenzidine	ND	210	55.	U
121-14-2	2,4-Dinitrotoluene	ND	210	42.	U
606-20-2	2,6-Dinitrotoluene	ND	210	36.	U
206-44-0	Fluoranthene	150	120	24.	
7005-72-3	4-Chlorophenyl phenyl ether	ND	210	22.	U
101-55-3	4-Bromophenyl phenyl ether	ND	210	32.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	250	36.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	220	21.	U
87-68-3	Hexachlorobutadiene	ND	210	30.	U
77-47-4	Hexachlorocyclopentadiene	ND	600	190	U
67-72-1	Hexachloroethane	ND	170	34.	U
78-59-1	Isophorone	ND	190	27.	U
91-20-3	Naphthalene	140	210	25.	J
98-95-3	Nitrobenzene	ND	190	31.	U
86-30-6	NDPA/DPA	ND	170	24.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	210	32.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	210	72.	U
85-68-7	Butyl benzyl phthalate	ND	210	52.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-11	Date Collected	: 12/18/25 13:00
Client ID	: NW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 16:31
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-11	Analyst	: CMM
Sample Amount	: 30.26 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 79
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	210	40.	U
117-84-0	Di-n-octylphthalate	ND	210	71.	U
84-66-2	Diethyl phthalate	ND	210	19.	U
131-11-3	Dimethyl phthalate	ND	210	44.	U
56-55-3	Benzo(a)anthracene	62	120	23.	J
50-32-8	Benzo(a)pyrene	ND	170	51.	U
205-99-2	Benzo(b)fluoranthene	64	120	35.	J
207-08-9	Benzo(k)fluoranthene	ND	120	33.	U
218-01-9	Chrysene	50	120	22.	J
208-96-8	Acenaphthylene	ND	170	32.	U
120-12-7	Anthracene	ND	120	41.	U
191-24-2	Benzo(ghi)perylene	25	170	24.	J
86-73-7	Fluorene	41	210	20.	J
85-01-8	Phenanthrene	180	120	25.	
53-70-3	Dibenzo(a,h)anthracene	ND	120	24.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	29.	U
129-00-0	Pyrene	120	120	21.	
92-52-4	Biphenyl	ND	480	27.	U
106-47-8	4-Chloroaniline	ND	210	38.	U
88-74-4	2-Nitroaniline	ND	210	40.	U
99-09-2	3-Nitroaniline	ND	210	39.	U
100-01-6	4-Nitroaniline	ND	210	86.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-11	Date Collected	: 12/18/25 13:00
Client ID	: NW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 16:31
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-11	Analyst	: CMM
Sample Amount	: 30.26 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 79
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	27	210	20.	J
91-57-6	2-Methylnaphthalene	ND	250	25.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	60	210	22.	J
98-86-2	Acetophenone	ND	210	26.	U
88-06-2	2,4,6-Trichlorophenol	ND	120	40.	U
59-50-7	p-Chloro-m-cresol	ND	210	31.	U
95-57-8	2-Chlorophenol	420	210	25.	
120-83-2	2,4-Dichlorophenol	ND	190	34.	U
105-67-9	2,4-Dimethylphenol	ND	210	69.	U
88-75-5	2-Nitrophenol	ND	450	78.	U
100-02-7	4-Nitrophenol	ND	290	85.	U
51-28-5	2,4-Dinitrophenol	ND	1000	97.	U
534-52-1	4,6-Dinitro-o-cresol	ND	540	100	U
87-86-5	Pentachlorophenol	ND	170	46.	U
108-95-2	Phenol	ND	210	32.	U
95-48-7	2-Methylphenol	ND	210	32.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	300	33.	U
95-95-4	2,4,5-Trichlorophenol	ND	210	40.	U
86-74-8	Carbazole	ND	210	20.	U
1912-24-9	Atrazine	ND	170	73.	U
100-52-7	Benzaldehyde	ND	280	56.	U
105-60-2	Caprolactam	ND	210	63.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-11	**Date Collected**	: 12/18/25 13:00
Client ID	: NW-PIPE-12182025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 01/03/26 16:31
Sample Matrix	: SOIL	**Date Extracted**	: 12/30/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-11	**Analyst**	: CMM
Sample Amount	: 30.26 g	**Instrument ID**	: SV103
Extraction Method	: EPA 3546	**GC Column**	: RTX5-MS
Extract Volume	: 1000 uL	**%Solids**	: 79
GPC Cleanup	: N	**Injection Volume**	: 1 uL

		ug/Kg			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Qualifier**
58-90-2	2,3,4,6-Tetrachlorophenol	ND	210	42.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-11	**Date Collected**	: 12/18/25 13:00
Client ID	: NW-PIPE-12182025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 01/03/26 16:31
Sample Matrix	: SOIL	**Date Extracted**	: 12/30/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-11	**Analyst**	: CMM
Sample Amount	: 30.26 g	**Instrument ID**	: SV103
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 79
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 5 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000108-90-7	Benzene, chloro-	1.56	4060	NJ
	Unknown Alkane	4.17	218	J
	Unknown Phenol	4.86	510	J
	Unknown Benzene	4.89	281	J
	Total TIC Compounds		5070J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-12	Date Collected	: 12/18/25 13:10
Client ID	: WW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 16:52
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-12	Analyst	: CMM
Sample Amount	: 30.49 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 76
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	170	22.	U
118-74-1	Hexachlorobenzene	34	130	24.	J
111-44-4	Bis(2-chloroethyl)ether	ND	190	29.	U
91-58-7	2-Chloronaphthalene	ND	220	21.	U
91-94-1	3,3'-Dichlorobenzidine	ND	220	57.	U
121-14-2	2,4-Dinitrotoluene	ND	220	43.	U
606-20-2	2,6-Dinitrotoluene	ND	220	37.	U
206-44-0	Fluoranthene	36	130	25.	J
7005-72-3	4-Chlorophenyl phenyl ether	ND	220	23.	U
101-55-3	4-Bromophenyl phenyl ether	ND	220	33.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	260	37.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	230	22.	U
87-68-3	Hexachlorobutadiene	ND	220	32.	U
77-47-4	Hexachlorocyclopentadiene	ND	620	200	U
67-72-1	Hexachloroethane	ND	170	35.	U
78-59-1	Isophorone	ND	190	28.	U
91-20-3	Naphthalene	57	220	26.	J
98-95-3	Nitrobenzene	ND	190	32.	U
86-30-6	NDPA/DPA	ND	170	24.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	220	33.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	220	74.	U
85-68-7	Butyl benzyl phthalate	ND	220	54.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-12	Date Collected	: 12/18/25 13:10
Client ID	: WW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 16:52
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-12	Analyst	: CMM
Sample Amount	: 30.49 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 76
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	220	41.	U
117-84-0	Di-n-octylphthalate	ND	220	73.	U
84-66-2	Diethyl phthalate	ND	220	20.	U
131-11-3	Dimethyl phthalate	ND	220	45.	U
56-55-3	Benzo(a)anthracene	ND	130	24.	U
50-32-8	Benzo(a)pyrene	ND	170	52.	U
205-99-2	Benzo(b)fluoranthene	ND	130	36.	U
207-08-9	Benzo(k)fluoranthene	ND	130	34.	U
218-01-9	Chrysene	ND	130	22.	U
208-96-8	Acenaphthylene	ND	170	33.	U
120-12-7	Anthracene	ND	130	42.	U
191-24-2	Benzo(ghi)perylene	ND	170	25.	U
86-73-7	Fluorene	ND	220	21.	U
85-01-8	Phenanthrene	32	130	26.	J
53-70-3	Dibenzo(a,h)anthracene	ND	130	25.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	170	30.	U
129-00-0	Pyrene	29	130	21.	J
92-52-4	Biphenyl	ND	490	28.	U
106-47-8	4-Chloroaniline	ND	220	39.	U
88-74-4	2-Nitroaniline	ND	220	42.	U
99-09-2	3-Nitroaniline	ND	220	41.	U
100-01-6	4-Nitroaniline	ND	220	89.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-12	Date Collected	: 12/18/25 13:10
Client ID	: WW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 16:52
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-12	Analyst	: CMM
Sample Amount	: 30.49 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 76
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	220	20.	U
91-57-6	2-Methylnaphthalene	ND	260	26.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	220	22.	U
98-86-2	Acetophenone	ND	220	27.	U
88-06-2	2,4,6-Trichlorophenol	ND	130	41.	U
59-50-7	p-Chloro-m-cresol	ND	220	32.	U
95-57-8	2-Chlorophenol	140	220	25.	J
120-83-2	2,4-Dichlorophenol	ND	190	35.	U
105-67-9	2,4-Dimethylphenol	ND	220	71.	U
88-75-5	2-Nitrophenol	ND	460	81.	U
100-02-7	4-Nitrophenol	ND	300	88.	U
51-28-5	2,4-Dinitrophenol	ND	1000	100	U
534-52-1	4,6-Dinitro-o-cresol	ND	560	100	U
87-86-5	Pentachlorophenol	ND	170	47.	U
108-95-2	Phenol	ND	220	32.	U
95-48-7	2-Methylphenol	ND	220	33.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	310	34.	U
95-95-4	2,4,5-Trichlorophenol	ND	220	41.	U
86-74-8	Carbazole	ND	220	21.	U
1912-24-9	Atrazine	ND	170	75.	U
100-52-7	Benzaldehyde	ND	280	58.	U
105-60-2	Caprolactam	ND	220	66.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-12	Date Collected	: 12/18/25 13:10
Client ID	: WW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 01/03/26 16:52
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 80856-12	Analyst	: CMM
Sample Amount	: 30.49 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: 76
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	220	44.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: L2580856-12	**Date Collected**	: 12/18/25 13:10
Client ID	: WW-PIPE-12182025	**Date Received**	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	**Date Analyzed**	: 01/03/26 16:52
Sample Matrix	: SOIL	**Date Extracted**	: 12/30/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 80856-12	**Analyst**	: CMM
Sample Amount	: 30.49 g	**Instrument ID**	: SV103
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: 76
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 2 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
000108-90-7	Benzene, chloro-	1.57	4310	NJ
	Total TIC Compounds		4310J	J

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2158852-1	Date Collected	: NA
Client ID	: WG2158852-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/27/25 10:14
Sample Matrix	: SOIL	Date Extracted	: 12/26/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 158852-1	Analyst	: SMZ
Sample Amount	: 30.13 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	130	17.	U
118-74-1	Hexachlorobenzene	ND	100	18.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	22.	U
91-58-7	2-Chloronaphthalene	ND	160	16.	U
91-94-1	3,3'-Dichlorobenzidine	ND	160	44.	U
121-14-2	2,4-Dinitrotoluene	ND	160	33.	U
606-20-2	2,6-Dinitrotoluene	ND	160	28.	U
206-44-0	Fluoranthene	ND	100	19.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	160	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	160	25.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	28.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	17.	U
87-68-3	Hexachlorobutadiene	ND	160	24.	U
77-47-4	Hexachlorocyclopentadiene	ND	470	150	U
67-72-1	Hexachloroethane	ND	130	27.	U
78-59-1	Isophorone	ND	150	22.	U
91-20-3	Naphthalene	ND	160	20.	U
98-95-3	Nitrobenzene	ND	150	24.	U
86-30-6	NDPA/DPA	ND	130	19.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	160	26.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	160	57.	U
85-68-7	Butyl benzyl phthalate	ND	160	42.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2158852-1	Date Collected	: NA
Client ID	: WG2158852-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/27/25 10:14
Sample Matrix	: SOIL	Date Extracted	: 12/26/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 158852-1	Analyst	: SMZ
Sample Amount	: 30.13 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	160	31.	U
117-84-0	Di-n-octylphthalate	ND	160	56.	U
84-66-2	Diethyl phthalate	ND	160	15.	U
131-11-3	Dimethyl phthalate	ND	160	35.	U
56-55-3	Benzo(a)anthracene	ND	100	19.	U
50-32-8	Benzo(a)pyrene	ND	130	40.	U
205-99-2	Benzo(b)fluoranthene	ND	100	28.	U
207-08-9	Benzo(k)fluoranthene	ND	100	26.	U
218-01-9	Chrysene	ND	100	17.	U
208-96-8	Acenaphthylene	ND	130	26.	U
120-12-7	Anthracene	ND	100	32.	U
191-24-2	Benzo(ghi)perylene	ND	130	20.	U
86-73-7	Fluorene	ND	160	16.	U
85-01-8	Phenanthrene	ND	100	20.	U
53-70-3	Dibenzo(a,h)anthracene	ND	100	19.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	130	23.	U
129-00-0	Pyrene	ND	100	16.	U
92-52-4	Biphenyl	ND	380	22.	U
106-47-8	4-Chloroaniline	ND	160	30.	U
88-74-4	2-Nitroaniline	ND	160	32.	U
99-09-2	3-Nitroaniline	ND	160	31.	U
100-01-6	4-Nitroaniline	ND	160	69.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2158852-1	Date Collected	: NA
Client ID	: WG2158852-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/27/25 10:14
Sample Matrix	: SOIL	Date Extracted	: 12/26/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 158852-1	Analyst	: SMZ
Sample Amount	: 30.13 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	160	16.	U
91-57-6	2-Methylnaphthalene	ND	200	20.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	160	17.	U
98-86-2	Acetophenone	ND	160	20.	U
88-06-2	2,4,6-Trichlorophenol	ND	100	31.	U
59-50-7	p-Chloro-m-cresol	ND	160	25.	U
95-57-8	2-Chlorophenol	ND	160	20.	U
120-83-2	2,4-Dichlorophenol	ND	150	27.	U
105-67-9	2,4-Dimethylphenol	ND	160	55.	U
88-75-5	2-Nitrophenol	ND	360	62.	U
100-02-7	4-Nitrophenol	ND	230	68.	U
51-28-5	2,4-Dinitrophenol	ND	800	77.	U
534-52-1	4,6-Dinitro-o-cresol	ND	430	80.	U
87-86-5	Pentachlorophenol	ND	130	36.	U
108-95-2	Phenol	ND	160	25.	U
95-48-7	2-Methylphenol	ND	160	26.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	26.	U
95-95-4	2,4,5-Trichlorophenol	ND	160	32.	U
86-74-8	Carbazole	ND	160	16.	U
1912-24-9	Atrazine	ND	130	58.	U
100-52-7	Benzaldehyde	ND	220	45.	U
105-60-2	Caprolactam	ND	160	50.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2158852-1	Date Collected	: NA
Client ID	: WG2158852-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/27/25 10:14
Sample Matrix	: SOIL	Date Extracted	: 12/26/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 158852-1	Analyst	: SMZ
Sample Amount	: 30.13 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	160	34.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2158852-1	Date Collected	: NA
Client ID	: WG2158852-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/27/25 10:14
Sample Matrix	: SOIL	Date Extracted	: 12/26/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 158852-1	Analyst	: SMZ
Sample Amount	: 30.13 g	Instrument ID	: JULIET
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0

Concentration Units: ug/Kg

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159340-1	Date Collected	: NA
Client ID	: WG2159340-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/29/25 11:34
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 159340-1	Analyst	: CMM
Sample Amount	: 30.16 g	Instrument ID	: GCMS5
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	130	17.	U
118-74-1	Hexachlorobenzene	ND	99	18.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	22.	U
91-58-7	2-Chloronaphthalene	ND	160	16.	U
91-94-1	3,3'-Dichlorobenzidine	ND	160	44.	U
121-14-2	2,4-Dinitrotoluene	ND	160	33.	U
606-20-2	2,6-Dinitrotoluene	ND	160	28.	U
206-44-0	Fluoranthene	ND	99	19.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	160	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	160	25.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	28.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	17.	U
87-68-3	Hexachlorobutadiene	ND	160	24.	U
77-47-4	Hexachlorocyclopentadiene	ND	470	150	U
67-72-1	Hexachloroethane	ND	130	27.	U
78-59-1	Isophorone	ND	150	22.	U
91-20-3	Naphthalene	ND	160	20.	U
98-95-3	Nitrobenzene	ND	150	24.	U
86-30-6	NDPA/DPA	ND	130	19.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	160	26.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	160	57.	U
85-68-7	Butyl benzyl phthalate	ND	160	42.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159340-1	Date Collected	: NA
Client ID	: WG2159340-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/29/25 11:34
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 159340-1	Analyst	: CMM
Sample Amount	: 30.16 g	Instrument ID	: GCMS5
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	160	31.	U
117-84-0	Di-n-octylphthalate	ND	160	56.	U
84-66-2	Diethyl phthalate	ND	160	15.	U
131-11-3	Dimethyl phthalate	ND	160	35.	U
56-55-3	Benzo(a)anthracene	ND	99	19.	U
50-32-8	Benzo(a)pyrene	ND	130	40.	U
205-99-2	Benzo(b)fluoranthene	ND	99	28.	U
207-08-9	Benzo(k)fluoranthene	ND	99	26.	U
218-01-9	Chrysene	ND	99	17.	U
208-96-8	Acenaphthylene	ND	130	26.	U
120-12-7	Anthracene	ND	99	32.	U
191-24-2	Benzo(ghi)perylene	ND	130	19.	U
86-73-7	Fluorene	ND	160	16.	U
85-01-8	Phenanthrene	ND	99	20.	U
53-70-3	Dibenzo(a,h)anthracene	ND	99	19.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	130	23.	U
129-00-0	Pyrene	ND	99	16.	U
92-52-4	Biphenyl	ND	380	22.	U
106-47-8	4-Chloroaniline	ND	160	30.	U
88-74-4	2-Nitroaniline	ND	160	32.	U
99-09-2	3-Nitroaniline	ND	160	31.	U
100-01-6	4-Nitroaniline	ND	160	69.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159340-1	Date Collected	: NA
Client ID	: WG2159340-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/29/25 11:34
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 159340-1	Analyst	: CMM
Sample Amount	: 30.16 g	Instrument ID	: GCMS5
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	160	16.	U
91-57-6	2-Methylnaphthalene	ND	200	20.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	160	17.	U
98-86-2	Acetophenone	ND	160	20.	U
88-06-2	2,4,6-Trichlorophenol	ND	99	31.	U
59-50-7	p-Chloro-m-cresol	ND	160	25.	U
95-57-8	2-Chlorophenol	ND	160	20.	U
120-83-2	2,4-Dichlorophenol	ND	150	27.	U
105-67-9	2,4-Dimethylphenol	ND	160	55.	U
88-75-5	2-Nitrophenol	ND	360	62.	U
100-02-7	4-Nitrophenol	ND	230	68.	U
51-28-5	2,4-Dinitrophenol	ND	800	77.	U
534-52-1	4,6-Dinitro-o-cresol	ND	430	80.	U
87-86-5	Pentachlorophenol	ND	130	36.	U
108-95-2	Phenol	ND	160	25.	U
95-48-7	2-Methylphenol	ND	160	26.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	26.	U
95-95-4	2,4,5-Trichlorophenol	ND	160	32.	U
86-74-8	Carbazole	ND	160	16.	U
1912-24-9	Atrazine	ND	130	58.	U
100-52-7	Benzaldehyde	ND	220	45.	U
105-60-2	Caprolactam	ND	160	50.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159340-1	Date Collected	: NA
Client ID	: WG2159340-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/29/25 11:34
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 159340-1	Analyst	: CMM
Sample Amount	: 30.16 g	Instrument ID	: GCMS5
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	160	33.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159340-1	Date Collected	: NA
Client ID	: WG2159340-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 12/29/25 11:34
Sample Matrix	: SOIL	Date Extracted	: 12/28/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 159340-1	Analyst	: CMM
Sample Amount	: 30.16 g	Instrument ID	: GCMS5
Extraction Method	: EPA 3546	GC Column	:
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2160343-1	Date Collected	: NA
Client ID	: WG2160343-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/03/26 08:48
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 160343-1	Analyst	: CMM
Sample Amount	: 30.57 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
83-32-9	Acenaphthene	ND	130	17.	U
118-74-1	Hexachlorobenzene	ND	98	18.	U
111-44-4	Bis(2-chloroethyl)ether	ND	150	22.	U
91-58-7	2-Chloronaphthalene	ND	160	16.	U
91-94-1	3,3'-Dichlorobenzidine	ND	160	44.	U
121-14-2	2,4-Dinitrotoluene	ND	160	33.	U
606-20-2	2,6-Dinitrotoluene	ND	160	28.	U
206-44-0	Fluoranthene	ND	98	19.	U
7005-72-3	4-Chlorophenyl phenyl ether	ND	160	18.	U
101-55-3	4-Bromophenyl phenyl ether	ND	160	25.	U
108-60-1	Bis(2-chloroisopropyl)ether	ND	200	28.	U
111-91-1	Bis(2-chloroethoxy)methane	ND	180	16.	U
87-68-3	Hexachlorobutadiene	ND	160	24.	U
77-47-4	Hexachlorocyclopentadiene	ND	470	150	U
67-72-1	Hexachloroethane	ND	130	26.	U
78-59-1	Isophorone	ND	150	21.	U
91-20-3	Naphthalene	ND	160	20.	U
98-95-3	Nitrobenzene	ND	150	24.	U
86-30-6	NDPA/DPA	ND	130	19.	U
621-64-7	n-Nitrosodi-n-propylamine	ND	160	25.	U
117-81-7	Bis(2-ethylhexyl)phthalate	ND	160	56.	U
85-68-7	Butyl benzyl phthalate	ND	160	41.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2160343-1	Date Collected	: NA
Client ID	: WG2160343-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/03/26 08:48
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 160343-1	Analyst	: CMM
Sample Amount	: 30.57 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
84-74-2	Di-n-butylphthalate	ND	160	31.	U
117-84-0	Di-n-octylphthalate	ND	160	56.	U
84-66-2	Diethyl phthalate	ND	160	15.	U
131-11-3	Dimethyl phthalate	ND	160	34.	U
56-55-3	Benzo(a)anthracene	ND	98	18.	U
50-32-8	Benzo(a)pyrene	ND	130	40.	U
205-99-2	Benzo(b)fluoranthene	ND	98	28.	U
207-08-9	Benzo(k)fluoranthene	ND	98	26.	U
218-01-9	Chrysene	ND	98	17.	U
208-96-8	Acenaphthylene	ND	130	25.	U
120-12-7	Anthracene	ND	98	32.	U
191-24-2	Benzo(ghi)perylene	ND	130	19.	U
86-73-7	Fluorene	ND	160	16.	U
85-01-8	Phenanthrene	ND	98	20.	U
53-70-3	Dibenzo(a,h)anthracene	ND	98	19.	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	130	23.	U
129-00-0	Pyrene	ND	98	16.	U
92-52-4	Biphenyl	ND	370	21.	U
106-47-8	4-Chloroaniline	ND	160	30.	U
88-74-4	2-Nitroaniline	ND	160	32.	U
99-09-2	3-Nitroaniline	ND	160	31.	U
100-01-6	4-Nitroaniline	ND	160	68.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2160343-1	Date Collected	: NA
Client ID	: WG2160343-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/03/26 08:48
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 160343-1	Analyst	: CMM
Sample Amount	: 30.57 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
132-64-9	Dibenzofuran	ND	160	15.	U
91-57-6	2-Methylnaphthalene	ND	200	20.	U
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	160	17.	U
98-86-2	Acetophenone	ND	160	20.	U
88-06-2	2,4,6-Trichlorophenol	ND	98	31.	U
59-50-7	p-Chloro-m-cresol	ND	160	24.	U
95-57-8	2-Chlorophenol	ND	160	19.	U
120-83-2	2,4-Dichlorophenol	ND	150	26.	U
105-67-9	2,4-Dimethylphenol	ND	160	54.	U
88-75-5	2-Nitrophenol	ND	350	61.	U
100-02-7	4-Nitrophenol	ND	230	67.	U
51-28-5	2,4-Dinitrophenol	ND	780	76.	U
534-52-1	4,6-Dinitro-o-cresol	ND	420	78.	U
87-86-5	Pentachlorophenol	ND	130	36.	U
108-95-2	Phenol	ND	160	25.	U
95-48-7	2-Methylphenol	ND	160	25.	U
108-39-4/106-44-5	3-Methylphenol/4-Methylphenol	ND	240	26.	U
95-95-4	2,4,5-Trichlorophenol	ND	160	31.	U
86-74-8	Carbazole	ND	160	16.	U
1912-24-9	Atrazine	ND	130	57.	U
100-52-7	Benzaldehyde	ND	220	44.	U
105-60-2	Caprolactam	ND	160	50.	U

Results Summary
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2160343-1	Date Collected	: NA
Client ID	: WG2160343-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/03/26 08:48
Sample Matrix	: SOIL	Date Extracted	: 12/30/25
Analytical Method	: 1,8270E	Dilution Factor	: 1
Lab File ID	: 160343-1	Analyst	: CMM
Sample Amount	: 30.57 g	Instrument ID	: SV103
Extraction Method	: EPA 3546	GC Column	: RTX5-MS
Extract Volume	: 1000 uL	%Solids	: NA
GPC Cleanup	: N	Injection Volume	: 1 uL

		ug/Kg			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
58-90-2	2,3,4,6-Tetrachlorophenol	ND	160	33.	U

Tentatively Identified Compounds
Form 1
Semivolatile Organics by GC/MS

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Lab ID	: WG2160343-1	**Date Collected**	: NA
Client ID	: WG2160343-1BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 01/03/26 08:48
Sample Matrix	: SOIL	**Date Extracted**	: 12/30/25
Analytical Method	: 1,8270E	**Dilution Factor**	: 1
Lab File ID	: 160343-1	**Analyst**	: CMM
Sample Amount	: 30.57 g	**Instrument ID**	: SV103
Extraction Method	: EPA 3546	**GC Column**	:
Extract Volume	: 1000 uL	**%Solids**	: NA
GPC Cleanup	: N	**Injection Volume**	: 1 uL

Number TICS found: 0 **Concentration Units: ug/Kg**

CAS Number	Compound Name	RT	EST. CONC.	Qualifier
	NO TENTATIVELY IDENTIFIED COMPOUNDS			

Form 1
WETCHEM

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-01	Date Collected	: 12/15/25 13:00
Client ID	: AREA01-SW-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/30/25 02:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: JMN
Lab File ID	: WG2159902.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 75
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	74.5	0.100	NA	

Form 1
WETCHEM

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-02	Date Collected	: 12/15/25 13:10
Client ID	: AREA01-BOTTOM-12152025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/30/25 02:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: JMN
Lab File ID	: WG2159902.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 75
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	74.8	0.100	NA	

Form 1
WETCHEM

Client	:	Inventum Engineering	Lab Number	:	L2580856
Project Name	:	SOUTH BUFFALO DEVELOPMENT	Project Number	:	AREA E EXCAVATION
Lab ID	:	L2580856-03	Date Collected	:	12/15/25 14:00
Client ID	:	AREA02-NW-12152025	Date Received	:	12/18/25
Sample Location	:	140 LEE STREET, BUFFALO	Date Analyzed	:	12/30/25 02:46
Sample Matrix	:	SOIL	Dilution Factor	:	1
Analytical Method	:	121,2540G	Analyst	:	JMN
Lab File ID	:	WG2159902.pdf	Instrument ID	:	BALANCE#53
Sample Amount	:		%Solids	:	78
Digestion Method	:		Date Digested	:	

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	78.2	0.100	NA	

Form 1
WETCHEM

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-04	Date Collected	: 12/16/25 12:00
Client ID	: AREA03-SW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/30/25 02:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: JMN
Lab File ID	: WG2159902.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 71
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	71.1	0.100	NA	

Form 1
WETCHEM

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-05	Date Collected	: 12/16/25 12:10
Client ID	: AREA03-NW-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/30/25 02:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: JMN
Lab File ID	: WG2159902.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 77
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	77.0	0.100	NA	

Form 1
WETCHEM

Client	:	Inventum Engineering	Lab Number	:	L2580856
Project Name	:	SOUTH BUFFALO DEVELOPMENT	Project Number	:	AREA E EXCAVATION
Lab ID	:	L2580856-06	Date Collected	:	12/16/25 13:00
Client ID	:	AREA03-EW-12162025	Date Received	:	12/18/25
Sample Location	:	140 LEE STREET, BUFFALO	Date Analyzed	:	12/30/25 02:46
Sample Matrix	:	SOIL	Dilution Factor	:	1
Analytical Method	:	121,2540G	Analyst	:	JMN
Lab File ID	:	WG2159902.pdf	Instrument ID	:	BALANCE#53
Sample Amount	:		%Solids	:	77
Digestion Method	:		Date Digested	:	

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	77.0	0.100	NA	

Form 1
WETCHEM

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-07	Date Collected	: 12/16/25 14:00
Client ID	: AREA03-BOTTOM-12162025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/30/25 02:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: JMN
Lab File ID	: WG2159902.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 75
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	74.9	0.100	NA	

Form 1
WETCHEM

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-08	Date Collected	: 12/18/25 10:00
Client ID	: AREA04-BOTTOM-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/30/25 02:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: JMN
Lab File ID	: WG2159902.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 74
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	73.7	0.100	NA	

Form 1
WETCHEM

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-09	Date Collected	: 12/18/25 11:00
Client ID	: AREA04-SW-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/30/25 02:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: JMN
Lab File ID	: WG2159902.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 74
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	74.4	0.100	NA	

Form 1
WETCHEM

Client	:	Inventum Engineering	Lab Number	:	L2580856
Project Name	:	SOUTH BUFFALO DEVELOPMENT	Project Number	:	AREA E EXCAVATION
Lab ID	:	L2580856-10	Date Collected	:	12/18/25 11:25
Client ID	:	AREA04-WW-12182025	Date Received	:	12/18/25
Sample Location	:	140 LEE STREET, BUFFALO	Date Analyzed	:	12/30/25 02:46
Sample Matrix	:	SOIL	Dilution Factor	:	1
Analytical Method	:	121,2540G	Analyst	:	JMN
Lab File ID	:	WG2159902.pdf	Instrument ID	:	BALANCE#53
Sample Amount	:		%Solids	:	81
Digestion Method	:		Date Digested	:	

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	81.3	0.100	NA	

Form 1
WETCHEM

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-11	Date Collected	: 12/18/25 13:00
Client ID	: NW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/30/25 02:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: JMN
Lab File ID	: WG2159902.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 79
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	79.2	0.100	NA	

Form 1
WETCHEM

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: L2580856-12	Date Collected	: 12/18/25 13:10
Client ID	: WW-PIPE-12182025	Date Received	: 12/18/25
Sample Location	: 140 LEE STREET, BUFFALO	Date Analyzed	: 12/30/25 02:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: JMN
Lab File ID	: WG2159902.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 76
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	76.1	0.100	NA	

Form 1
WETCHEM

Client	: Inventum Engineering	Lab Number	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	Project Number	: AREA E EXCAVATION
Lab ID	: WG2159902-1	Date Collected	: 12/15/25 13:00
Client ID	: AREA01-SW-12152025DUP	Date Received	: 12/18/25
Sample Location	:	Date Analyzed	: 12/30/25 02:46
Sample Matrix	: SOIL	Dilution Factor	: 1
Analytical Method	: 121,2540G	Analyst	: JMN
Lab File ID	: WG2159902.pdf	Instrument ID	: BALANCE#53
Sample Amount	:	%Solids	: 75
Digestion Method	:	Date Digested	:

		%			
CAS NO.	Parameter	Results	RL	MDL	Qualifier
NONE	Solids, Total	75.0	0.100	NA	

Evaluate Continuing Calibration Report

Data Path : K:\VOA123\2025\251103NICAL\
Data File : V23251103N16.D
Acq On : 04 Nov 2025 01:29 am
Operator : VOA123:AJK
Sample : C8260STD40PPB
Misc : WG2136903,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 04 12:38:33 2025
Quant Method : K:\VOA123\2025\251103NICAL\V123_251103N_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Tue Nov 04 12:36:05 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	97	0.00
2	TP	Dichlorodifluoromethane	0.220	0.310	-40.9#	133	0.00
3	TP	Chloromethane	0.240	0.280	-16.7	111	0.00
4	TC	Vinyl chloride	0.260	0.316	-21.5#	113	0.00
5	TP	Bromomethane	0.166	0.218	-31.3#	129	0.00
6	TP	Chloroethane	0.180	0.201	-11.7	107	0.00
7	TP	Trichlorofluoromethane	0.393	0.470	-19.6	113	0.00
8	TP	Ethyl ether	0.132	0.134	-1.5	95	0.00
10	TC	1,1-Dichloroethene	0.208	0.221	-6.3	101	0.00
11	TP	Carbon disulfide	0.767	0.789	-2.9	104	0.00
12	TP	Freon-113	0.211	0.238	-12.8	106	0.00
14	TP	Acrolein	0.026	0.029	-11.5	107	0.00
15	TP	Methylene chloride	0.270	0.270	0.0	97	0.00
17	TP	Acetone	* 40.000	28.998	27.5#	74	0.00
18	TP	trans-1,2-Dichloroethene	0.243	0.257	-5.8	98	0.00
19	TP	Methyl acetate	0.104	0.108	-3.8	97	0.00
20	TP	Methyl tert-butyl ether	0.694	0.661	4.8	90	0.00
21	TP	tert-Butyl alcohol	0.019	0.020	-5.3	93	0.00
22	TP	Diisopropyl ether	0.750	0.747	0.4	94	0.00
23	TP	1,1-Dichloroethane	0.447	0.477	-6.7	100	0.00
24	TP	Halothane	0.181	0.190	-5.0	99	0.00
25	TP	Acrylonitrile	0.054	0.055	-1.9	96	0.00
26	TP	Ethyl tert-butyl ether	0.760	0.778	-2.4	97	0.00
27	TP	Vinyl acetate	0.517	0.518	-0.2	93	0.00
28	TP	cis-1,2-Dichloroethene	0.279	0.280	-0.4	94	0.00
29	TP	2,2-Dichloropropane	0.368	0.382	-3.8	98	0.00
30	TP	Bromochloromethane	0.125	0.127	-1.6	94	0.00
31	TP	Cyclohexane	0.373	0.381	-2.1	97	0.00
32	TC	Chloroform	0.547	0.494	9.7	98	0.00
33	TP	Ethyl acetate	0.175	0.181	-3.4	98	0.00
34	TP	Carbon tetrachloride	0.355	0.376	-5.9	100	0.00
35	TP	Tetrahydrofuran	0.055	0.055	0.0	99	0.00
36	S	Dibromofluoromethane	0.252	0.259	-2.8	98	0.00
37	TP	1,1,1-Trichloroethane	0.378	0.421	-11.4	101	0.00
39	TP	2-Butanone	0.076	0.078	-2.6	108	0.00
40	TP	1,1-Dichloropropene	0.295	0.345	-16.9	107	0.00
41	TP	Benzene	0.932	1.002	-7.5	98	0.00
42	TP	tert-Amyl methyl ether	0.674	0.671	0.4	93	0.00
43	S	1,2-Dichloroethane-d4	0.258	0.253	1.9	96	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA104\2025\251119ICAL\
Data File : V04251119A17.D
Acq On : 20 Nov 2025 1:06 am
Operator : VOA104:JIC
Sample : C8260STD40PPB
Misc : WG2144251,ICAL
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 20 08:00:47 2025
Quant Method : K:\VOA104\2025\251119ICAL\V104_251119A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Thu Nov 20 07:58:49 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound		AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene		1.000	1.000	0.0	96	0.00
2	TP	Dichlorodifluoromethane		0.365	0.313	14.2	85	0.00
3	TP	Chloromethane		0.375	0.354	5.6	93	0.00
4	TP	Vinyl chloride		0.368	0.371	-0.8	96	0.00
5	TP	Bromomethane		0.206	0.240	-16.5	110	0.00
6	TP	Chloroethane		0.213	0.220	-3.3	93	0.00
7	TP	Trichlorofluoromethane		0.435	0.491	-12.9	105	0.00
8	TP	Ethyl ether		0.136	0.131	3.7	92	0.00
10	TP	1,1-Dichloroethene		0.250	0.248	0.8	96	0.00
11	TP	Carbon disulfide		0.916	0.888	3.1	96	0.00
12	TP	Freon-113		0.247	0.296	-19.8	109	0.00
14	TP	Acrolein		0.026	0.030	-15.4	116	0.00
15	TP	Methylene chloride		0.314	0.287	8.6	95	0.00
17	TP	Acetone	*	40.000	21.406	46.5#	54	0.00
18	TP	trans-1,2-Dichloroethene		0.280	0.280	0.0	97	0.00
19	TP	Methyl acetate		0.105	0.109	-3.8	99	0.00
20	TP	Methyl tert-butyl ether		0.693	0.662	4.5	90	0.00
21	TP	tert-Butyl alcohol		0.023	0.025	-8.7	100	0.00
22	TP	Diisopropyl ether		0.871	0.857	1.6	92	0.00
23	TP	1,1-Dichloroethane		0.524	0.533	-1.7	97	0.00
24	TP	Halothane		0.217	0.238	-9.7	103	0.00
25	TP	Acrylonitrile		0.055	0.056	-1.8	97	0.00
26	TP	Ethyl tert-butyl ether		0.813	0.830	-2.1	95	0.00
27	TP	Vinyl acetate		0.503	0.481	4.4	87	0.00
28	TP	cis-1,2-Dichloroethene		0.316	0.297	6.0	92	0.00
29	TP	2,2-Dichloropropane		0.431	0.433	-0.5	97	0.00
30	TP	Bromochloromethane		0.147	0.141	4.1	93	0.00
31	TP	Cyclohexane		0.426	0.447	-4.9	101	0.00
32	TP	Chloroform	*	40.000	40.975	-2.4	95	0.00
33	TP	Ethyl acetate		0.172	0.179	-4.1	98	0.00
34	TP	Carbon tetrachloride		0.402	0.422	-5.0	99	0.00
35	TP	Tetrahydrofuran		0.063	0.065	-3.2	97	0.00
36	S	Dibromofluoromethane		0.287	0.292	-1.7	98	0.00
37	TP	1,1,1-Trichloroethane		0.418	0.442	-5.7	100	0.00
39	TP	2-Butanone	*	40.000	38.122	4.7	91	0.00
40	TP	1,1-Dichloropropene		0.330	0.363	-10.0	102	0.00
41	TP	Benzene		0.982	1.015	-3.4	96	0.00
42	TP	tert-Amyl methyl ether		0.683	0.668	2.2	93	0.00
43	S	1,2-Dichloroethane-d4		0.255	0.248	2.7	95	0.00

Evaluate Continuing Calibration Report

Data Path : K:\VOA100\2025\251223A\
Data File : V00251223A18.D
Acq On : 23 Dec 2025 10:35 pm
Operator : VOA100:JIC
Sample : C8260STD40PPB
Misc : WG2158227,ICAL
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 24 08:03:13 2025
Quant Method : K:\VOA100\2025\251223A\V100_251223A_8260.m
Quant Title : VOLATILES BY GC/MS
QLast Update : Wed Dec 24 08:02:43 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	94	0.00
2	TP	Dichlorodifluoromethane	0.299	0.334	-11.7	100	0.00
3	TP	Chloromethane	0.310	0.338	-9.0	101	0.00
4	TP	Vinyl chloride	0.308	0.338	-9.7	98	0.00
5	TP	Bromomethane	0.161	0.225	-39.8#	129	0.00
6	TP	Chloroethane	0.193	0.201	-4.1	92	0.00
7	TP	Trichlorofluoromethane	0.424	0.458	-8.0	98	0.00
8	TP	Ethyl ether	0.152	0.152	0.0	91	0.00
10	TP	1,1-Dichloroethene	0.250	0.252	-0.8	89	0.00
11	TP	Carbon disulfide	1.013	0.759	25.1#	75	0.00
12	TP	Freon-113	0.249	0.278	-11.6	98	0.00
14	TP	Acrolein	0.022	0.042	-90.9#	171	0.00
15	TP	Methylene chloride	0.309	0.315	-1.9	98	0.00
17	TP	Acetone	0.139	0.072	48.2#	51	0.00
18	TP	trans-1,2-Dichloroethene	0.286	0.295	-3.1	92	0.00
19	TP	Methyl acetate	0.186	0.175	5.9	94	0.00
20	TP	Methyl tert-butyl ether	0.800	0.764	4.5	87	0.00
21	TP	tert-Butyl alcohol	0.030	0.031	-3.3	95	0.00
22	TP	Diisopropyl ether	0.893	0.913	-2.2	92	0.00
23	TP	1,1-Dichloroethane	0.513	0.522	-1.8	92	0.00
24	TP	Halothane	0.222	0.231	-4.1	93	0.00
25	TP	Acrylonitrile	0.084	0.090	-7.1	95	-0.01
26	TP	Ethyl tert-butyl ether	0.832	0.859	-3.2	92	0.00
27	TP	Vinyl acetate	0.703	0.659	6.3	85	0.00
28	TP	cis-1,2-Dichloroethene	0.317	0.313	1.3	89	-0.01
29	TP	2,2-Dichloropropane	0.437	0.432	1.1	91	0.00
31	TP	Bromochloromethane	0.154	0.156	-1.3	91	0.00
32	TP	Cyclohexane	0.458	0.481	-5.0	93	0.00
33	TP	Chloroform	0.547	0.544	0.5	91	0.00
34	TP	Ethyl acetate	0.273	0.271	0.7	96	-0.01
35	TP	Carbon tetrachloride	0.430	0.428	0.5	89	0.00
36	TP	Tetrahydrofuran	0.096	0.085	11.5	96	0.00
37	S	Dibromofluoromethane	0.278	0.273	1.8	94	0.00
38	TP	1,1,1-Trichloroethane	0.442	0.466	-5.4	91	0.00
40	TP	2-Butanone	0.120	0.112	6.7	90	0.00
41	TP	1,1-Dichloropropene	0.365	0.401	-9.9	95	0.00
42	TP	Benzene	1.058	1.106	-4.5	92	0.00
43	TP	tert-Amyl methyl ether	0.771	0.767	0.5	90	0.00
44	S	1,2-Dichloroethane-d4	0.276	0.265	4.0	95	0.00

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: VOA100		Calibration Date	: 12/28/25 15:43	
Lab File ID	: V00251228A01		Init. Calib. Date(s)	: 12/23/25	12/23/25
Sample No	: WG2159676-2		Init. Calib. Times	: 16:03	20:24
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	73	0
Dichlorodifluoromethane	0.299	0.267	-	10.7	20	62	0
Chloromethane	0.31	0.35	-	-12.9	20	81	-.01
Vinyl chloride	0.308	0.356	-	-15.6	20	80	0
Bromomethane	0.161	0.226	-	-40.4*	20	100	0
Chloroethane	0.193	0.229	-	-18.7	20	81	0
Trichlorofluoromethane	0.424	0.444	-	-4.7	20	73	0
Ethyl ether	0.152	0.167	-	-9.9	20	78	0
1,1-Dichloroethene	0.25	0.262	-	-4.8	20	71	0
Carbon disulfide	1.013	0.999	-	1.4	20	77	0
Freon-113	0.249	0.266	-	-6.8	20	72	0
Acrolein	0.022	0.024	-	-9.1	20	75	0
Methylene chloride	0.309	0.326	-	-5.5	20	78	0
Acetone	0.139	0.141	-	-1.4	20	78	0
trans-1,2-Dichloroethene	0.286	0.305	-	-6.6	20	74	0
Methyl acetate	0.186	0.194	-	-4.3	20	80	0
Methyl tert-butyl ether	0.8	0.882	-	-10.2	20	78	0
tert-Butyl alcohol	0.03	0.031	-	-3.3	20	74	0
Diisopropyl ether	0.893	1.085	-	-21.5*	20	84	0
1,1-Dichloroethane	0.513	0.566	-	-10.3	20	77	0
Halothane	0.222	0.233	-	-5	20	73	0
Acrylonitrile	0.084	0.098	-	-16.7	20	80	0
Ethyl tert-butyl ether	0.832	0.961	-	-15.5	20	80	0
Vinyl acetate	0.703	0.84	-	-19.5	20	84	0
cis-1,2-Dichloroethene	0.317	0.339	-	-6.9	20	75	0
2,2-Dichloropropane	0.437	0.487	-	-11.4	20	79	0
Bromochloromethane	0.154	0.166	-	-7.8	20	75	0
Cyclohexane	0.458	0.522	-	-14	20	78	0
Chloroform	0.547	0.588	-	-7.5	20	76	0
Ethyl acetate	0.273	0.294	-	-7.7	20	80	0
Carbon tetrachloride	0.43	0.448	-	-4.2	20	72	0
Tetrahydrofuran	0.096	0.104	-	-8.3	20	90	0
Dibromofluoromethane	0.278	0.283	-	-1.8	20	75	0
1,1,1-Trichloroethane	0.442	0.493	-	-11.5	20	75	0
2-Butanone	0.12	0.121	-	-0.8	20	75	0
1,1-Dichloropropene	0.365	0.415	-	-13.7	20	76	0
Benzene	1.058	1.19	-	-12.5	20	77	0
tert-Amyl methyl ether	0.771	0.858	-	-11.3	20	78	.01
1,2-Dichloroethane-d4	0.276	0.278	-	-0.7	20	77	0
1,2-Dichloroethane	0.378	0.415	-	-9.8	20	78	0
Methyl cyclohexane	0.479	0.531	-	-10.9	20	74	0
Trichloroethene	0.292	0.327	-	-12	20	76	.01
Dibromomethane	0.184	0.197	-	-7.1	20	76	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: VOA100		Calibration Date	: 12/28/25 15:43	
Lab File ID	: V00251228A01		Init. Calib. Date(s)	: 12/23/25	12/23/25
Sample No	: WG2159678-2		Init. Calib. Times	: 16:03	20:24
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	73	0
Dichlorodifluoromethane	0.299	0.267	-	10.7	20	62	0
Chloromethane	0.31	0.35	-	-12.9	20	81	-.01
Vinyl chloride	0.308	0.356	-	-15.6	20	80	0
Bromomethane	0.161	0.226	-	-40.4*	20	100	0
Chloroethane	0.193	0.229	-	-18.7	20	81	0
Trichlorofluoromethane	0.424	0.444	-	-4.7	20	73	0
Ethyl ether	0.152	0.167	-	-9.9	20	78	0
1,1-Dichloroethene	0.25	0.262	-	-4.8	20	71	0
Carbon disulfide	1.013	0.999	-	1.4	20	77	0
Freon-113	0.249	0.266	-	-6.8	20	72	0
Acrolein	0.022	0.024	-	-9.1	20	75	0
Methylene chloride	0.309	0.326	-	-5.5	20	78	0
Acetone	0.139	0.141	-	-1.4	20	78	0
trans-1,2-Dichloroethene	0.286	0.305	-	-6.6	20	74	0
Methyl acetate	0.186	0.194	-	-4.3	20	80	0
Methyl tert-butyl ether	0.8	0.882	-	-10.2	20	78	0
tert-Butyl alcohol	0.03	0.031	-	-3.3	20	74	0
Diisopropyl ether	0.893	1.085	-	-21.5*	20	84	0
1,1-Dichloroethane	0.513	0.566	-	-10.3	20	77	0
Halothane	0.222	0.233	-	-5	20	73	0
Acrylonitrile	0.084	0.098	-	-16.7	20	80	0
Ethyl tert-butyl ether	0.832	0.961	-	-15.5	20	80	0
Vinyl acetate	0.703	0.84	-	-19.5	20	84	0
cis-1,2-Dichloroethene	0.317	0.339	-	-6.9	20	75	0
2,2-Dichloropropane	0.437	0.487	-	-11.4	20	79	0
Bromochloromethane	0.154	0.166	-	-7.8	20	75	0
Cyclohexane	0.458	0.522	-	-14	20	78	0
Chloroform	0.547	0.588	-	-7.5	20	76	0
Ethyl acetate	0.273	0.294	-	-7.7	20	80	0
Carbon tetrachloride	0.43	0.448	-	-4.2	20	72	0
Tetrahydrofuran	0.096	0.104	-	-8.3	20	90	0
Dibromofluoromethane	0.278	0.283	-	-1.8	20	75	0
1,1,1-Trichloroethane	0.442	0.493	-	-11.5	20	75	0
2-Butanone	0.12	0.121	-	-0.8	20	75	0
1,1-Dichloropropene	0.365	0.415	-	-13.7	20	76	0
Benzene	1.058	1.19	-	-12.5	20	77	0
tert-Amyl methyl ether	0.771	0.858	-	-11.3	20	78	.01
1,2-Dichloroethane-d4	0.276	0.278	-	-0.7	20	77	0
1,2-Dichloroethane	0.378	0.415	-	-9.8	20	78	0
Methyl cyclohexane	0.479	0.531	-	-10.9	20	74	0
Trichloroethene	0.292	0.327	-	-12	20	76	.01
Dibromomethane	0.184	0.197	-	-7.1	20	76	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: VOA104		Calibration Date	: 12/29/25 05:17	
Lab File ID	: V04251229A01		Init. Calib. Date(s)	: 11/19/25	11/19/25
Sample No	: WG2159734-2		Init. Calib. Times	: 18:33	23:21
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	123	0
Dichlorodifluoromethane	0.365	0.297	-	18.6	20	103	0
Chloromethane	0.375	0.341	-	9.1	20	115	0
Vinyl chloride	0.368	0.366	-	0.5	20	121	0
Bromomethane	0.206	0.275	-	-33.5*	20	162	0
Chloroethane	0.213	0.206	-	3.3	20	111	0
Trichlorofluoromethane	0.435	0.469	-	-7.8	20	129	0
Ethyl ether	0.136	0.151	-	-11	20	136	0
1,1-Dichloroethene	0.25	0.298	-	-19.2	20	147	0
Carbon disulfide	0.916	1.053	-	-15	20	145	0
Freon-113	0.247	0.302	-	-22.3*	20	142	0
Acrolein	0.026	0.016	-	38.5*	20	80	0
Methylene chloride	0.314	0.324	-	-3.2	20	138	0
Acetone	40	23.78	-	40.5*	20	76	0
trans-1,2-Dichloroethene	0.28	0.316	-	-12.9	20	141	0
Methyl acetate	0.105	0.095	-	9.5	20	111	0
Methyl tert-butyl ether	0.693	0.731	-	-5.5	20	127	0
tert-Butyl alcohol	0.023	0.021	-	8.7	20	108	0
Diisopropyl ether	0.871	0.776	-	10.9	20	107	0
1,1-Dichloroethane	0.524	0.527	-	-0.6	20	122	0
Halothane	0.217	0.232	-	-6.9	20	129	0
Acrylonitrile	0.055	0.051	-	7.3	20	113	0
Ethyl tert-butyl ether	0.813	0.756	-	7	20	110	0
Vinyl acetate	0.503	0.455	-	9.5	20	105	0
cis-1,2-Dichloroethene	0.316	0.327	-	-3.5	20	130	0
2,2-Dichloropropane	0.431	0.454	-	-5.3	20	130	0
Bromochloromethane	0.147	0.134	-	8.8	20	114	0
Cyclohexane	0.426	0.431	-	-1.2	20	124	0
Chloroform	40	40.92	-	-2.3	20	122	0
Ethyl acetate	0.172	0.143	-	16.9	20	101	0
Carbon tetrachloride	0.402	0.396	-	1.5	20	119	0
Tetrahydrofuran	0.063	0.054	-	14.3	20	103	0
Dibromofluoromethane	0.287	0.263	-	8.4	20	113	0
1,1,1-Trichloroethane	0.418	0.435	-	-4.1	20	126	0
2-Butanone	40	28.432	-	28.9*	20	85	0
1,1-Dichloropropene	0.33	0.38	-	-15.2	20	136	0
Benzene	0.982	1.054	-	-7.3	20	127	0
tert-Amyl methyl ether	0.683	0.659	-	3.5	20	118	0
1,2-Dichloroethane-d4	0.255	0.212	-	16.9	20	104	0
1,2-Dichloroethane	0.348	0.287	-	17.5	20	102	0
Methyl cyclohexane	0.411	0.473	-	-15.1	20	138	0
Trichloroethene	0.261	0.293	-	-12.3	20	129	0
Dibromomethane	0.17	0.151	-	11.2	20	113	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: VOA104		Calibration Date	: 12/29/25 05:17	
Lab File ID	: V04251229A01		Init. Calib. Date(s)	: 11/19/25	11/19/25
Sample No	: WG2159734-2		Init. Calib. Times	: 18:33	23:21
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.285	0.263	-	7.7	20	114	0
Bromodichloromethane	0.388	0.372	-	4.1	20	115	0
1,4-Dioxane	2000	2115.681	-	-5.8	20	124	0
cis-1,3-Dichloropropene	0.419	0.439	-	-4.8	20	120	0
Chlorobenzene-d5	1	1	-	0	20	110	0
Toluene-d8	1.286	1.403	-	-9.1	20	119	0
Toluene	0.854	0.94	-	-10.1	20	124	0
4-Methyl-2-pentanone	0.094	0.09	-	4.3	20	103	0
Tetrachloroethene	40	44.258	-	-10.6	20	124	0
trans-1,3-Dichloropropene	0.463	0.511	-	-10.4	20	115	0
Ethyl methacrylate	0.348	0.367	-	-5.5	20	116	0
1,1,2-Trichloroethane	0.253	0.254	-	-0.4	20	118	0
Chlorodibromomethane	0.391	0.375	-	4.1	20	102	0
1,3-Dichloropropane	0.445	0.489	-	-9.9	20	119	0
1,2-Dibromoethane	0.279	0.298	-	-6.8	20	111	0
2-Hexanone	0.159	0.139	-	12.6	20	95	0
Chlorobenzene	0.958	1.04	-	-8.6	20	115	0
Ethylbenzene	1.532	1.8	-	-17.5	20	124	0
1,1,1,2-Tetrachloroethane	0.365	0.358	-	1.9	20	103	0
p/m Xylene	0.582	0.667	-	-14.6	20	121	0
o Xylene	0.59	0.652	-	-10.5	20	116	0
Styrene	0.955	1.025	-	-7.3	20	113	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	102	0
Bromoform	0.472	0.451	-	4.4	20	96	0
Isopropylbenzene	2.881	3.434	-	-19.2	20	120	0
4-Bromofluorobenzene	0.862	0.956	-	-10.9	20	112	0
Bromobenzene	0.805	0.839	-	-4.2	20	105	0
n-Propylbenzene	3.29	4.17	-	-26.7*	20	126	0
1,4-Dichlorobutane	0.855	0.823	-	3.7	20	97	0
1,1,2,2-Tetrachloroethane	0.668	0.716	-	-7.2	20	114	0
4-Ethyltoluene	2.746	3.357	-	-22.3*	20	122	0
2-Chlorotoluene	1.962	2.355	-	-20	20	120	0
1,3,5-Trimethylbenzene	2.371	2.789	-	-17.6	20	117	0
1,2,3-Trichloropropane	0.462	0.486	-	-5.2	20	109	0
trans-1,4-Dichloro-2-buten	0.181	0.153	-	15.5	20	92	0
4-Chlorotoluene	1.991	2.387	-	-19.9	20	121	0
tert-Butylbenzene	2.061	2.333	-	-13.2	20	113	0
1,2,4-Trimethylbenzene	2.389	2.724	-	-14	20	115	0
sec-Butylbenzene	3.02	3.696	-	-22.4*	20	120	0
p-Isopropyltoluene	2.611	3.067	-	-17.5	20	116	0
1,3-Dichlorobenzene	1.417	1.54	-	-8.7	20	109	0
1,4-Dichlorobenzene	1.473	1.559	-	-5.8	20	110	0
p-Diethylbenzene	1.564	1.85	-	-18.3	20	119	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		**Lab Number**	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E EXCAVATION	
Instrument ID	: VOA104		**Calibration Date**	: 12/29/25 05:17	
Lab File ID	: V04251229A01		**Init. Calib. Date(s)**	: 11/19/25	11/19/25
Sample No	: WG2159734-2		**Init. Calib. Times**	: 18:33	23:21
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	2.329	3	-	-28.8*	20	128	0
1,2-Dichlorobenzene	1.361	1.417	-	-4.1	20	105	0
1,2,4,5-Tetramethylbenzene	2.428	2.836	-	-16.8	20	116	0
1,2-Dibromo-3-chloropropan	0.109	0.105	-	3.7	20	96	0
1,3,5-Trichlorobenzene	1.086	1.311	-	-20.7*	20	120	0
Hexachlorobutadiene	0.553	0.725	-	-31.1*	20	127	0
1,2,4-Trichlorobenzene	0.897	1.072	-	-19.5	20	118	0
Naphthalene	1.621	1.722	-	-6.2	20	109	0
1,2,3-Trichlorobenzene	0.758	0.835	-	-10.2	20	110	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: VOA104		Calibration Date	: 12/29/25 05:17	
Lab File ID	: V04251229A01		Init. Calib. Date(s)	: 11/19/25	11/19/25
Sample No	: WG2160213-2		Init. Calib. Times	: 18:33	23:21
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	123	0
Dichlorodifluoromethane	0.365	0.297	-	18.6	20	103	0
Chloromethane	0.375	0.341	-	9.1	20	115	0
Vinyl chloride	0.368	0.366	-	0.5	20	121	0
Bromomethane	0.206	0.275	-	-33.5*	20	162	0
Chloroethane	0.213	0.206	-	3.3	20	111	0
Trichlorofluoromethane	0.435	0.469	-	-7.8	20	129	0
Ethyl ether	0.136	0.151	-	-11	20	136	0
1,1-Dichloroethene	0.25	0.298	-	-19.2	20	147	0
Carbon disulfide	0.916	1.053	-	-15	20	145	0
Freon-113	0.247	0.302	-	-22.3*	20	142	0
Acrolein	0.026	0.016	-	38.5*	20	80	0
Methylene chloride	0.314	0.324	-	-3.2	20	138	0
Acetone	40	23.78	-	40.5*	20	76	0
trans-1,2-Dichloroethene	0.28	0.316	-	-12.9	20	141	0
Methyl acetate	0.105	0.095	-	9.5	20	111	0
Methyl tert-butyl ether	0.693	0.731	-	-5.5	20	127	0
tert-Butyl alcohol	0.023	0.021	-	8.7	20	108	0
Diisopropyl ether	0.871	0.776	-	10.9	20	107	0
1,1-Dichloroethane	0.524	0.527	-	-0.6	20	122	0
Halothane	0.217	0.232	-	-6.9	20	129	0
Acrylonitrile	0.055	0.051	-	7.3	20	113	0
Ethyl tert-butyl ether	0.813	0.756	-	7	20	110	0
Vinyl acetate	0.503	0.455	-	9.5	20	105	0
cis-1,2-Dichloroethene	0.316	0.327	-	-3.5	20	130	0
2,2-Dichloropropane	0.431	0.454	-	-5.3	20	130	0
Bromochloromethane	0.147	0.134	-	8.8	20	114	0
Cyclohexane	0.426	0.431	-	-1.2	20	124	0
Chloroform	40	40.92	-	-2.3	20	122	0
Ethyl acetate	0.172	0.143	-	16.9	20	101	0
Carbon tetrachloride	0.402	0.396	-	1.5	20	119	0
Tetrahydrofuran	0.063	0.054	-	14.3	20	103	0
Dibromofluoromethane	0.287	0.263	-	8.4	20	113	0
1,1,1-Trichloroethane	0.418	0.435	-	-4.1	20	126	0
2-Butanone	40	28.432	-	28.9*	20	85	0
1,1-Dichloropropene	0.33	0.38	-	-15.2	20	136	0
Benzene	0.982	1.054	-	-7.3	20	127	0
tert-Amyl methyl ether	0.683	0.659	-	3.5	20	118	0
1,2-Dichloroethane-d4	0.255	0.212	-	16.9	20	104	0
1,2-Dichloroethane	0.348	0.287	-	17.5	20	102	0
Methyl cyclohexane	0.411	0.473	-	-15.1	20	138	0
Trichloroethene	0.261	0.293	-	-12.3	20	129	0
Dibromomethane	0.17	0.151	-	11.2	20	113	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: VOA104		Calibration Date	: 12/29/25 05:17	
Lab File ID	: V04251229A01		Init. Calib. Date(s)	: 11/19/25	11/19/25
Sample No	: WG2160213-2		Init. Calib. Times	: 18:33	23:21
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.285	0.263	-	7.7	20	114	0
Bromodichloromethane	0.388	0.372	-	4.1	20	115	0
1,4-Dioxane	2000	2115.681	-	-5.8	20	124	0
cis-1,3-Dichloropropene	0.419	0.439	-	-4.8	20	120	0
Chlorobenzene-d5	1	1	-	0	20	110	0
Toluene-d8	1.286	1.403	-	-9.1	20	119	0
Toluene	0.854	0.94	-	-10.1	20	124	0
4-Methyl-2-pentanone	0.094	0.09	-	4.3	20	103	0
Tetrachloroethene	40	44.258	-	-10.6	20	124	0
trans-1,3-Dichloropropene	0.463	0.511	-	-10.4	20	115	0
Ethyl methacrylate	0.348	0.367	-	-5.5	20	116	0
1,1,2-Trichloroethane	0.253	0.254	-	-0.4	20	118	0
Chlorodibromomethane	0.391	0.375	-	4.1	20	102	0
1,3-Dichloropropane	0.445	0.489	-	-9.9	20	119	0
1,2-Dibromoethane	0.279	0.298	-	-6.8	20	111	0
2-Hexanone	0.159	0.139	-	12.6	20	95	0
Chlorobenzene	0.958	1.04	-	-8.6	20	115	0
Ethylbenzene	1.532	1.8	-	-17.5	20	124	0
1,1,1,2-Tetrachloroethane	0.365	0.358	-	1.9	20	103	0
p/m Xylene	0.582	0.667	-	-14.6	20	121	0
o Xylene	0.59	0.652	-	-10.5	20	116	0
Styrene	0.955	1.025	-	-7.3	20	113	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	102	0
Bromoform	0.472	0.451	-	4.4	20	96	0
Isopropylbenzene	2.881	3.434	-	-19.2	20	120	0
4-Bromofluorobenzene	0.862	0.956	-	-10.9	20	112	0
Bromobenzene	0.805	0.839	-	-4.2	20	105	0
n-Propylbenzene	3.29	4.17	-	-26.7*	20	126	0
1,4-Dichlorobutane	0.855	0.823	-	3.7	20	97	0
1,1,2,2-Tetrachloroethane	0.668	0.716	-	-7.2	20	114	0
4-Ethyltoluene	2.746	3.357	-	-22.3*	20	122	0
2-Chlorotoluene	1.962	2.355	-	-20	20	120	0
1,3,5-Trimethylbenzene	2.371	2.789	-	-17.6	20	117	0
1,2,3-Trichloropropane	0.462	0.486	-	-5.2	20	109	0
trans-1,4-Dichloro-2-buten	0.181	0.153	-	15.5	20	92	0
4-Chlorotoluene	1.991	2.387	-	-19.9	20	121	0
tert-Butylbenzene	2.061	2.333	-	-13.2	20	113	0
1,2,4-Trimethylbenzene	2.389	2.724	-	-14	20	115	0
sec-Butylbenzene	3.02	3.696	-	-22.4*	20	120	0
p-Isopropyltoluene	2.611	3.067	-	-17.5	20	116	0
1,3-Dichlorobenzene	1.417	1.54	-	-8.7	20	109	0
1,4-Dichlorobenzene	1.473	1.559	-	-5.8	20	110	0
p-Diethylbenzene	1.564	1.85	-	-18.3	20	119	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		**Lab Number**	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E EXCAVATION	
Instrument ID	: VOA104		**Calibration Date**	: 12/29/25 05:17	
Lab File ID	: V04251229A01		**Init. Calib. Date(s)**	: 11/19/25	11/19/25
Sample No	: WG2160213-2		**Init. Calib. Times**	: 18:33	23:21
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	2.329	3	-	-28.8*	20	128	0
1,2-Dichlorobenzene	1.361	1.417	-	-4.1	20	105	0
1,2,4,5-Tetramethylbenzene	2.428	2.836	-	-16.8	20	116	0
1,2-Dibromo-3-chloropropan	0.109	0.105	-	3.7	20	96	0
1,3,5-Trichlorobenzene	1.086	1.311	-	-20.7*	20	120	0
Hexachlorobutadiene	0.553	0.725	-	-31.1*	20	127	0
1,2,4-Trichlorobenzene	0.897	1.072	-	-19.5	20	118	0
Naphthalene	1.621	1.722	-	-6.2	20	109	0
1,2,3-Trichlorobenzene	0.758	0.835	-	-10.2	20	110	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Volatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: VOA123		Calibration Date	: 12/31/25 06:52	
Lab File ID	: V23251231A01		Init. Calib. Date(s)	: 11/03/25	11/04/25
Sample No	: WG2160756-2		Init. Calib. Times	: 20:17	00:11
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	66	0
Dichlorodifluoromethane	0.22	0.198	-	10	20	58	0
Chloromethane	0.24	0.249	-	-3.8	20	67	0
Vinyl chloride	0.26	0.201	-	22.7*	20	49	0
Bromomethane	0.166	0.156	-	6	20	63	0
Chloroethane	0.18	0.123	-	31.7*	20	45	0
Trichlorofluoromethane	0.393	0.372	-	5.3	20	61	0
Ethyl ether	0.132	0.137	-	-3.8	20	66	0
1,1-Dichloroethene	0.208	0.212	-	-1.9	20	66	0
Carbon disulfide	0.767	0.722	-	5.9	20	65	0
Freon-113	0.211	0.229	-	-8.5	20	70	0
Acrolein	0.026	0.019	-	26.9*	20	47	0
Methylene chloride	0.27	0.268	-	0.7	20	66	0
Acetone	40	60.586	-	-51.5*	20	95	0
trans-1,2-Dichloroethene	0.243	0.255	-	-4.9	20	66	0
Methyl acetate	0.104	0.135	-	-29.8*	20	83	0
Methyl tert-butyl ether	0.694	0.751	-	-8.2	20	70	0
tert-Butyl alcohol	0.019	0.021	-	-10.5	20	66	-.01
Diisopropyl ether	0.75	0.916	-	-22.1*	20	79	0
1,1-Dichloroethane	0.447	0.502	-	-12.3	20	71	0
Halothane	0.181	0.191	-	-5.5	20	67	0
Acrylonitrile	0.054	0.07	-	-29.6*	20	84	0
Ethyl tert-butyl ether	0.76	0.881	-	-15.9	20	74	0
Vinyl acetate	0.517	0.594	-	-14.9	20	73	0
cis-1,2-Dichloroethene	0.279	0.281	-	-0.7	20	64	0
2,2-Dichloropropane	0.368	0.422	-	-14.7	20	73	0
Bromochloromethane	0.125	0.132	-	-5.6	20	66	0
Cyclohexane	0.373	0.437	-	-17.2	20	76	0
Chloroform	0.547	0.506	-	7.5	20	68	0
Ethyl acetate	0.175	0.199	-	-13.7	20	74	0
Carbon tetrachloride	0.355	0.408	-	-14.9	20	74	0
Tetrahydrofuran	0.055	0.061	-	-10.9	20	74	0
Dibromofluoromethane	0.252	0.267	-	-6	20	69	0
1,1,1-Trichloroethane	0.378	0.454	-	-20.1*	20	74	0
2-Butanone	0.076	0.078	-	-2.6	20	73	0
1,1-Dichloropropene	0.295	0.34	-	-15.3	20	72	0
Benzene	0.932	0.968	-	-3.9	20	65	0
tert-Amyl methyl ether	0.674	0.697	-	-3.4	20	66	0
1,2-Dichloroethane-d4	0.258	0.282	-	-9.3	20	73	0
1,2-Dichloroethane	0.34	0.392	-	-15.3	20	74	0
Methyl cyclohexane	0.403	0.409	-	-1.5	20	65	0
Trichloroethene	0.256	0.276	-	-7.8	20	67	0
Dibromomethane	0.152	0.154	-	-1.3	20	64	0

* Value outside of QC limits.

Laboratory Control Sample Summary
Form 3
Semivolatiles

Client	: Inventum Engineering	**Lab Number**	: L2580856
Project Name	: SOUTH BUFFALO DEVELOPMENT	**Project Number**	: AREA E EXCAVATION
Matrix (Level)	: SOIL (LOW)		
LCS Sample ID	: WG2158852-2 **Analysis Date** : 12/27/25 10:38	**File ID**	: 158852-2
LCSD Sample ID	: WG2158852-3 **Analysis Date** : 12/27/25 11:02	**File ID**	: 158852-3

	Laboratory Control Sample				Laboratory Control Duplicate					
Parameter	True (ug/kg)	Found (ug/kg)	%R		True (ug/kg)	Found (ug/kg)	%R		RPD	Recovery Limits	RPD Limit
Acenaphthene	1300	790	61		1300	810	62		2	31-137	50
Hexachlorobenzene	1300	790	60		1300	820	62		3	40-140	50
Bis(2-chloroethyl)ether	1300	980	75		1300	920	70		7	40-140	50
2-Chloronaphthalene	1300	880	67		1300	850	65		3	40-140	50
3,3'-Dichlorobenzidine	1300	680	52		1300	660	50		4	40-140	50
2,4-Dinitrotoluene	1300	1000	78		1300	1000	77		1	40-132	50
2,6-Dinitrotoluene	1300	1000	78		1300	1000	76		3	40-140	50
Fluoranthene	1300	800	61		1300	810	61		0	40-140	50
4-Chlorophenyl phenyl ether	1300	760	58		1300	770	58		0	40-140	50
4-Bromophenyl phenyl ether	1300	740	57		1300	790	60		5	40-140	50
Bis(2-chloroisopropyl)ether	1300	1100	84		1300	1100	84		0	40-140	50
Bis(2-chloroethoxy)methane	1300	1000	77		1300	990	75		3	40-117	50
Hexachlorobutadiene	1300	700	54		1300	680	52		4	40-140	50
Hexachlorocyclopentadiene	1300	470	36	Q	1300	430	33	Q	9	40-140	50
Hexachloroethane	1300	960	74		1300	930	70		6	40-140	50
Isophorone	1300	980	75		1300	990	75		0	40-140	50
Naphthalene	1300	850	65		1300	850	65		0	40-140	50
Nitrobenzene	1300	1000	77		1300	960	73		5	40-140	50
NDPA/DPA	1300	760	59		1300	850	64		8	36-157	50
n-Nitrosodi-n-propylamine	1300	970	74		1300	970	74		0	32-121	50
Bis(2-ethylhexyl)phthalate	1300	1200	91		1300	1100	86		6	40-140	50
Butyl benzyl phthalate	1300	1000	78		1300	1000	77		1	40-140	50
Di-n-butylphthalate	1300	940	72		1300	940	71		1	40-140	50
Di-n-octylphthalate	1300	1200	92		1300	1200	91		1	40-140	50
Diethyl phthalate	1300	880	68		1300	900	68		0	40-140	50
Dimethyl phthalate	1300	840	64		1300	840	64		0	40-140	50

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: JULIET		Calibration Date	: 12/27/25 07:40	
Lab File ID	: ABN1227		Init. Calib. Date(s)	: 06/14/25	06/15/25
Sample No	: WG2159109-3		Init. Calib. Times	: 13:05	01:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	93	0
n-Nitrosodimethylamine	0.546	0.613	-	-12.3	20	104	0
Pyridine	0.975	1.075	-	-10.3	20	106	0
2-Fluorophenol	0.985	0.987	-	-0.2	20	94	0
Aniline	1.622	1.714	-	-5.7	20	102	0
2-Chlorophenol	1.264	1.267	-	-0.2	20	97	0
Phenol-d6	1.265	1.282	-	-1.3	20	99	0
Phenol	1.411	1.283	-	9.1	20	88	0
Bis(2-chloroethyl)ether	0.911	0.968	-	-6.3	20	103	0
1,3-Dichlorobenzene	1.548	1.44	-	7	20	94	0
1,4-Dichlorobenzene	1.574	1.475	-	6.3	20	93	0
1,2-Dichlorobenzene	1.517	1.442	-	4.9	20	95	0
Benzyl alcohol	0.892	0.922	-	-3.4	20	96	0
Bis(2-chloroisopropyl)ethe	1.331	1.644	-	-23.5*	20	121	0
2-Methylphenol	1.052	1.058	-	-0.6	20	96	0
Hexachloroethane	0.495	0.518	-	-4.6	20	102	0
n-Nitrosodi-n-propylamine	0.777	0.851	-	-9.5	20	108	0
3-Methylphenol/4-Methylphe	1.12	1.124	-	-0.4	20	96	0
Nitrobenzene-d5	1.104	1.22	-	-10.5	20	103	0
Nitrobenzene	1.089	1.227	-	-12.7	20	108	0
Isophorone	2.147	2.363	-	-10.1	20	110	0
2-Nitrophenol	0.624	0.764	-	-22.4*	20	111	0
2,4-Dimethylphenol	1.254	1.242	-	1	20	95	0
Bis(2-chloroethoxy)methane	1.33	1.42	-	-6.8	20	105	0
2,4-Dichlorophenol	1.424	1.357	-	4.7	20	92	0
1,2,4-Trichlorobenzene	1.727	1.525	-	11.7	20	88	0
IS1_Naphthalene-d8	1	1	-	0	20	102	0
Naphthalene	1.063	0.959	-	9.8	20	97	0
Benzoic Acid	50	54.367	-	-8.7	20	111	0
4-Chloroaniline	0.108	0.106	-	1.9	20	100	0
Hexachlorobutadiene	0.298	0.217	-	27.2*	20	81	0
p-Chloro-m-cresol	0.294	0.273	-	7.1	20	96	0
2-Methylnaphthalene	0.719	0.643	-	10.6	20	98	0
1-Methylnaphthalene	0.227	0.198	-	12.8	20	92	0
Hexachlorocyclopentadiene	0.323	0.184	-	43*	20	57	0
2,4,6-Trichlorophenol	0.342	0.28	-	18.1	20	83	0
2,4,5-Trichlorophenol	0.371	0.305	-	17.8	20	92	0
2-Fluorobiphenyl	1.105	0.901	-	18.5	20	87	0
2-Chloronaphthalene	0.883	0.758	-	14.2	20	94	0
2-Nitroaniline	0.223	0.246	-	-10.3	20	106	0
1,4-Dinitrobenzene	0.104	0.118	-	-13.5	20	105	0
1,3-Dinitrobenzene	0.124	0.134	-	-8.1	20	101	0
Dimethyl phthalate	1.098	0.948	-	13.7	20	94	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: JULIET		Calibration Date	: 12/27/25 07:40	
Lab File ID	: ABN1227		Init. Calib. Date(s)	: 06/14/25	06/15/25
Sample No	: WG2159109-3		Init. Calib. Times	: 13:05	01:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.459	1.257	-	13.8	20	91	0
2,6-Dinitrotoluene	0.2	0.201	-	-0.5	20	98	0
1,2-Dinitrobenzene	0.08	0.08	-	0	20	95	0
IS1_Acenaphthene-d10	1	1	-	0	20	94	0
3-Nitroaniline	0.302	0.339	-	-12.3	20	103	0
Acenaphthene	1.179	1.046	-	11.3	20	88	0
2,4-Dinitrophenol	50	65.337	-	-30.7*	20	134	0
Dibenzofuran	1.987	1.766	-	11.1	20	91	0
2,4-Dinitrotoluene	0.393	0.444	-	-13	20	100	0
4-Nitrophenol	0.189	0.207	-	-9.5	20	103	0
2,3,5,6-Tetrachlorophenol	0.472	0.424	-	10.2	20	87	0
2,3,4,6-Tetrachlorophenol	0.484	0.415	-	14.3	20	84	0
Diethyl phthalate	1.464	1.425	-	2.7	20	100	0
Fluorene	1.571	1.443	-	8.1	20	93	0
4-Chlorophenyl phenyl ethe	0.853	0.695	-	18.5	20	82	0
4-Nitroaniline	0.317	0.332	-	-4.7	20	97	0
4,6-Dinitro-o-cresol	50	65.776	-	-31.6*	20	131	0
NDPA/DPA	1.356	1.154	-	14.9	20	87	0
Azobenzene	1	1.045	-	-4.5	20	102	0
2,4,6-Tribromophenol	0.254	0.23	-	9.4	20	90	0
4-Bromophenyl phenyl ether	0.539	0.439	-	18.6	20	86	0
Hexachlorobenzene	0.597	0.516	-	13.6	20	92	0
Pentachlorophenol	0.354	0.331	-	6.5	20	84	0
IS1_Phenanthrene-d10	1	1	-	0	20	95	0
Phenanthrene	1.151	1.011	-	12.2	20	90	0
Anthracene	1.169	1.054	-	9.8	20	92	0
Carbazole	1.1	0.975	-	11.4	20	93	0
Di-n-butylphthalate	1.153	1.2	-	-4.1	20	104	0
Fluoranthene	1.561	1.375	-	11.9	20	90	0
Benzidine	0.982	0.941	-	4.2	20	96	0
Pyrene	1.633	1.418	-	13.2	20	88	0
4-Terphenyl-d14	1.213	0.984	-	18.9	20	83	0
Butyl benzyl phthalate	0.523	0.571	-	-9.2	20	102	0
IS1_Chrysene-d12	1	1	-	0	20	92	0
Benzo(a)anthracene	1.536	1.302	-	15.2	20	83	0
3,3'-Dichlorobenzidine	0.566	0.527	-	6.9	20	88	0
Chrysene	1.37	1.204	-	12.1	20	87	0
Bis(2-ethylhexyl)phthalate	0.661	0.769	-	-16.3	20	103	0
Di-n-octylphthalate	1.154	1.426	-	-23.6*	20	106	0
Benzo(b)fluoranthene	1.488	1.39	-	6.6	20	90	0
Benzo(k)fluoranthene	1.444	1.177	-	18.5	20	80	0
Benzo(a)pyrene	1.396	1.264	-	9.5	20	86	0
IS1_Perylene-d12	1	1	-	0	20	90	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		**Lab Number**	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E EXCAVATION	
Instrument ID	: JULIET		**Calibration Date**	: 12/27/25 08:04	
Lab File ID	: AP91227		**Init. Calib. Date(s)**	: 06/14/25	06/15/25
Sample No	: WG2159109-4		**Init. Calib. Times**	: 13:05	01:41
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	84	0
Benzaldehyde	0.862	0.991	-	-15	20	99	0
Acetophenone	1.581	1.838	-	-16.3	20	97	0
m-Toluidine	1.448	1.844	-	-27.3*	20	99	0
2-Chloroaniline	1.607	1.801	-	-12.1	20	93	0
IS2_Naphthalene-d8	1	1	-	0	20	91	0
a-Terpineol	0.194	0.27	-	-39.2*	20	121	0
3-Chloroaniline	0.109	0.131	-	-20.2*	20	110	0
2,6-Dichlorophenol	0.349	0.367	-	-5.2	20	90	0
1-chloro-2-nitrobenzene	0.125	0.149	-	-19.2	20	102	0
Caprolactam	0.115	0.162	-	-40.9*	20	124	0
1,2,4,5-Tetrachlorobenzene	0.565	0.488	-	13.6	20	77	0
Biphenyl	1.042	1.037	-	0.5	20	89	0
IS2_Acenaphthene-d10	1	1	-	0	20	92	0
Dichloran	0.218	0.256	-	-17.4	20	103	0
Pentachloronitrobenzene	0.19	0.193	-	-1.6	20	85	0
IS2_Phenanthrene-d10	1	1	-	0	20	90	0
Diphenamid	0.529	0.562	-	-6.2	20	94	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: SV134		Calibration Date	: 12/29/25 06:49	
Lab File ID	: ABN1229		Init. Calib. Date(s)	: 08/29/25	09/03/25
Sample No	: WG2159560-3		Init. Calib. Times	: 07:32	07:03
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	66	0
n-Nitrosodimethylamine	0.762	0.773	-	-1.4	20	66	0
Pyridine	1	1.321	-	-32.1*	20	79	0
2-Fluorophenol	1.113	1.154	-	-3.7	20	66	0
Aniline	1.952	1.995	-	-2.2	20	66	0
2-Chlorophenol	1.301	1.363	-	-4.8	20	66	0
Phenol-d6	1.384	1.489	-	-7.6	20	68	0
Phenol	1.671	1.745	-	-4.4	20	67	0
Bis(2-chloroethyl)ether	1.22	1.199	-	1.7	20	64	0
1,3-Dichlorobenzene	1.544	1.537	-	0.5	20	65	0
1,4-Dichlorobenzene	1.595	1.56	-	2.2	20	65	0
1,2-Dichlorobenzene	1.511	1.492	-	1.3	20	65	0
Benzyl alcohol	1.001	1.137	-	-13.6	20	69	0
Bis(2-chloroisopropyl)ethe	2.117	2.245	-	-6	20	69	0
2-Methylphenol	1.164	1.214	-	-4.3	20	67	0
Hexachloroethane	0.546	0.556	-	-1.8	20	66	0
n-Nitrosodi-n-propylamine	0.92	0.955	-	-3.8	20	66	0
3-Methylphenol/4-Methylphe	1.219	1.303	-	-6.9	20	68	0
Nitrobenzene-d5	1.122	1.397	-	-24.5*	20	74	0
Nitrobenzene	1.174	1.427	-	-21.6*	20	72	0
Isophorone	2.543	2.664	-	-4.8	20	67	0
2-Nitrophenol	0.486	0.778	-	-60.1*	20	95	0
2,4-Dimethylphenol	1.289	1.41	-	-9.4	20	69	0
Bis(2-chloroethoxy)methane	1.602	1.661	-	-3.7	20	66	0
2,4-Dichlorophenol	1.121	1.327	-	-18.4	20	72	0
1,2,4-Trichlorobenzene	1.353	1.441	-	-6.5	20	70	0
IS1_Naphthalene-d8	1	1	-	0	20	71	0
Naphthalene	1.078	1.043	-	3.2	20	69	0
Benzoic Acid	50	58.451	-	-16.9	20	86	0
4-Chloroaniline	0.139	0.135	-	2.9	20	66	0
Hexachlorobutadiene	0.219	0.212	-	3.2	20	69	0
p-Chloro-m-cresol	0.295	0.315	-	-6.8	20	70	0
2-Methylnaphthalene	0.665	0.673	-	-1.2	20	70	0
1-Methylnaphthalene	0.235	0.225	-	4.3	20	67	0
Hexachlorocyclopentadiene	0.189	0.281	-	-48.7*	20	94	0
2,4,6-Trichlorophenol	0.222	0.271	-	-22.1*	20	78	0
2,4,5-Trichlorophenol	0.251	0.29	-	-15.5	20	75	0
2-Fluorobiphenyl	0.848	0.886	-	-4.5	20	73	0
2-Chloronaphthalene	0.724	0.742	-	-2.5	20	71	0
2-Nitroaniline	0.182	0.245	-	-34.6*	20	85	0
1,4-Dinitrobenzene	0.084	0.129	-	-53.6*	20	101	0
1,3-Dinitrobenzene	0.097	0.142	-	-46.4*	20	94	0
Dimethyl phthalate	0.863	0.908	-	-5.2	20	72	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: SV134		Calibration Date	: 12/29/25 06:49	
Lab File ID	: ABN1229		Init. Calib. Date(s)	: 08/29/25	09/03/25
Sample No	: WG2159560-3		Init. Calib. Times	: 07:32	07:03
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.195	1.237	-	-3.5	20	71	0
2,6-Dinitrotoluene	50	61.843	-	-23.7*	20	86	0
1,2-Dinitrobenzene	0.062	0.091	-	-46.8*	20	90	0
IS1_Acenaphthene-d10	1	1	-	0	20	83	0
3-Nitroaniline	0.304	0.324	-	-6.6	20	77	0
Acenaphthene	1.19	1.023	-	14	20	71	0
2,4-Dinitrophenol	50	87.705	-	-75.4*	20	148	0
Dibenzofuran	1.877	1.651	-	12	20	73	0
2,4-Dinitrotoluene	50	53.245	-	-6.5	20	88	0
4-Nitrophenol	0.26	0.25	-	3.8	20	74	0
2,3,5,6-Tetrachlorophenol	0.325	0.392	-	-20.6*	20	87	0
2,3,4,6-Tetrachlorophenol	0.346	0.377	-	-9	20	81	0
Diethyl phthalate	1.519	1.349	-	11.2	20	71	0
Fluorene	1.511	1.364	-	9.7	20	73	0
4-Chlorophenyl phenyl ethe	0.746	0.666	-	10.7	20	75	0
4-Nitroaniline	0.312	0.34	-	-9	20	80	0
4,6-Dinitro-o-cresol	50	73.061	-	-46.1*	20	123	0
NDPA/DPA	1.31	1.169	-	10.8	20	73	0
Azobenzene	1.406	1.171	-	16.7	20	67	0
2,4,6-Tribromophenol	0.187	0.213	-	-13.9	20	85	0
4-Bromophenyl phenyl ether	0.45	0.413	-	8.2	20	76	0
Hexachlorobenzene	0.51	0.449	-	12	20	73	0
Pentachlorophenol	50	51.693	-	-3.4	20	89	0
IS1_Phenanthrene-d10	1	1	-	0	20	81	0
Phenanthrene	1.168	1.047	-	10.4	20	74	0
Anthracene	1.166	1.076	-	7.7	20	73	0
Carbazole	1.104	0.984	-	10.9	20	71	0
Di-n-butylphthalate	1.197	1.161	-	3	20	71	0
Fluoranthene	1.341	1.22	-	9	20	71	.01
Benzidine	0.766	0.835	-	-9	20	79	.01
Pyrene	1.404	1.278	-	9	20	72	.01
4-Terphenyl-d14	1.003	0.936	-	6.7	20	73	.01
Butyl benzyl phthalate	0.527	0.515	-	2.3	20	71	.01
IS1_Chrysene-d12	1	1	-	0	20	74	.02
Benzo(a)anthracene	1.369	1.341	-	2	20	71	.02
3,3'-Dichlorobenzidine	0.471	0.504	-	-7	20	73	.02
Chrysene	1.314	1.266	-	3.7	20	72	.02
Bis(2-ethylhexyl)phthalate	0.758	0.827	-	-9.1	20	71	.02
Di-n-octylphthalate	1.374	1.373	-	0.1	20	69	.02
Benzo(b)fluoranthene	1.286	1.23	-	4.4	20	69	.02
Benzo(k)fluoranthene	1.292	1.265	-	2.1	20	71	.02
Benzo(a)pyrene	1.204	1.196	-	0.7	20	70	.02
IS1_Perylene-d12	1	1	-	0	20	76	.02

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: SV134		Calibration Date	: 12/29/25 07:10	
Lab File ID	: AP91229		Init. Calib. Date(s)	: 08/29/25	09/03/25
Sample No	: WG2159560-4		Init. Calib. Times	: 07:32	07:03
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	71	.07
Benzaldehyde	0.662	0.985	-	-48.8*	20	103	.08
Acetophenone	1.971	1.759	-	10.8	20	61	.03
m-Toluidine	1.331	1.82	-	-36.7*	20	91	.03
2-Chloroaniline	1.765	1.616	-	8.4	20	64	.03
IS2_Naphthalene-d8	1	1	-	0	20	74	.05
a-Terpineol	0.319	0.304	-	4.7	20	67	.01
3-Chloroaniline	0.142	0.133	-	6.3	20	68	.01
2,6-Dichlorophenol	0.246	0.297	-	-20.7*	20	80	.02
1-chloro-2-nitrobenzene	0.108	0.134	-	-24.1*	20	84	.02
Caprolactam	0.17	0.178	-	-4.7	20	71	0
1,2,4,5-Tetrachlorobenzene	0.397	0.362	-	8.8	20	68	.04
Biphenyl	0.951	0.859	-	9.7	20	67	.03
IS2_Acenaphthene-d10	1	1	-	0	20	87	.06
Dichloran	50	56.242	-	-12.5	20	109	.04
Pentachloronitrobenzene	0.142	0.163	-	-14.8	20	98	.06
IS2_Phenanthrene-d10	1	1	-	0	20	88	.08
Diphenamid	0.506	0.45	-	11.1	20	70	.05

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: GCMS5		Calibration Date	: 12/29/25 08:58	
Lab File ID	: ABN1229		Init. Calib. Date(s)	: 07/31/25	08/01/25
Sample No	: WG2159627-3		Init. Calib. Times	: 22:15	11:59
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	105	0
n-Nitrosodimethylamine	0.744	0.835	-	-12.2	20	118	0
Pyridine	1.293	1.415	-	-9.4	20	113	0
2-Fluorophenol	1.117	1.101	-	1.4	20	102	0
Aniline	1.946	1.948	-	-0.1	20	103	0
2-Chlorophenol	1.34	1.253	-	6.5	20	97	0
Phenol-d6	1.507	1.482	-	1.7	20	101	0
Phenol	1.587	1.585	-	0.1	20	104	0
Bis(2-chloroethyl)ether	1.163	1.132	-	2.7	20	106	0
1,3-Dichlorobenzene	1.566	1.418	-	9.5	20	97	0
1,4-Dichlorobenzene	1.641	1.44	-	12.2	20	95	0
1,2-Dichlorobenzene	1.579	1.373	-	13	20	94	0
Benzyl alcohol	1.083	1.179	-	-8.9	20	110	0
Bis(2-chloroisopropyl)ethe	1.92	1.28	-	33.3*	20	70	0
2-Methylphenol	1.183	1.156	-	2.3	20	101	0
Hexachloroethane	0.583	0.555	-	4.8	20	100	0
n-Nitrosodi-n-propylamine	0.951	1.082	-	-13.8	20	115	0
3-Methylphenol/4-Methylphe	1.271	1.271	-	0	20	102	0
Nitrobenzene-d5	1.373	1.481	-	-7.9	20	109	0
Nitrobenzene	1.372	1.512	-	-10.2	20	112	0
Isophorone	2.501	2.754	-	-10.1	20	110	0
2-Nitrophenol	0.683	0.742	-	-8.6	20	105	0
2,4-Dimethylphenol	1.317	1.356	-	-3	20	104	0
Bis(2-chloroethoxy)methane	1.588	1.626	-	-2.4	20	107	0
2,4-Dichlorophenol	1.277	1.248	-	2.3	20	99	0
1,2,4-Trichlorobenzene	1.512	1.349	-	10.8	20	97	0
IS1_Naphthalene-d8	1	1	-	0	20	106	0
Naphthalene	1.075	0.976	-	9.2	20	100	0
Benzoic Acid	0.26	0.288	-	-10.8	20	116	0
4-Chloroaniline	0.134	0.134	-	0	20	105	0
Hexachlorobutadiene	0.229	0.198	-	13.5	20	95	0
p-Chloro-m-cresol	0.293	0.307	-	-4.8	20	106	0
2-Methylnaphthalene	0.669	0.63	-	5.8	20	101	0
1-Methylnaphthalene	0.245	0.211	-	13.9	20	92	0
Hexachlorocyclopentadiene	0.28	0.256	-	8.6	20	94	0
2,4,6-Trichlorophenol	0.268	0.257	-	4.1	20	95	0
2,4,5-Trichlorophenol	0.295	0.276	-	6.4	20	99	0
2-Fluorobiphenyl	0.915	0.811	-	11.4	20	95	0
2-Chloronaphthalene	0.771	0.705	-	8.6	20	98	0
2-Nitroaniline	0.228	0.237	-	-3.9	20	101	0
1,4-Dinitrobenzene	0.112	0.117	-	-4.5	20	104	0
1,3-Dinitrobenzene	0.137	0.125	-	8.8	20	92	0
Dimethyl phthalate	0.935	0.837	-	10.5	20	95	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: MORK		Calibration Date	: 01/02/26 11:12	
Lab File ID	: ABN0102		Init. Calib. Date(s)	: 12/09/25	12/10/25
Sample No	: WG2161048-3		Init. Calib. Times	: 17:40	04:20
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	77	0
n-Nitrosodimethylamine	0.593	0.634	-	-6.9	20	81	0
Pyridine	1.05	1.183	-	-12.7	20	86	0
2-Fluorophenol	0.961	1.009	-	-5	20	80	0
Aniline	1.59	1.594	-	-0.3	20	75	0
2-Chlorophenol	1.15	1.237	-	-7.6	20	81	0
Phenol-d6	1.192	1.261	-	-5.8	20	78	0
Phenol	1.24	1.34	-	-8.1	20	80	0
Bis(2-chloroethyl)ether	0.91	0.88	-	3.3	20	76	0
1,3-Dichlorobenzene	1.442	1.423	-	1.3	20	76	0
1,4-Dichlorobenzene	1.443	1.478	-	-2.4	20	79	0
1,2-Dichlorobenzene	1.382	1.402	-	-1.4	20	79	0
Benzyl alcohol	0.863	1.018	-	-18	20	84	0
Bis(2-chloroisopropyl)ethe	1.173	0.921	-	21.5*	20	60	0
2-Methylphenol	0.945	1.033	-	-9.3	20	80	0
Hexachloroethane	0.528	0.543	-	-2.8	20	79	0
n-Nitrosodi-n-propylamine	0.735	0.776	-	-5.6	20	79	0
3-Methylphenol/4-Methylphe	1.001	1.113	-	-11.2	20	82	0
Nitrobenzene-d5	1.065	1.233	-	-15.8	20	86	0
Nitrobenzene	1.084	1.213	-	-11.9	20	85	0
Isophorone	1.943	2.136	-	-9.9	20	82	0
2-Nitrophenol	0.613	0.711	-	-16	20	85	0
2,4-Dimethylphenol	1.128	1.271	-	-12.7	20	84	0
Bis(2-chloroethoxy)methane	1.215	1.235	-	-1.6	20	77	0
2,4-Dichlorophenol	1.2	1.215	-	-1.3	20	73	0
1,2,4-Trichlorobenzene	1.459	1.331	-	8.8	20	69	0
IS1_Naphthalene-d8	1	1	-	0	20	84	0
Naphthalene	0.989	0.993	-	-0.4	20	86	0
Benzoic Acid	0.239	0.256	-	-7.1	20	86	0
4-Chloroaniline	0.106	0.112	-	-5.7	20	86	0
Hexachlorobutadiene	0.286	0.216	-	24.5*	20	65	0
p-Chloro-m-cresol	0.283	0.293	-	-3.5	20	85	0
2-Methylnaphthalene	0.668	0.643	-	3.7	20	80	0
1-Methylnaphthalene	0.244	0.244	-	0	20	85	0
Hexachlorocyclopentadiene	0.315	0.231	-	26.7*	20	56	0
2,4,6-Trichlorophenol	0.301	0.242	-	19.6	20	66	0
2,4,5-Trichlorophenol	0.331	0.283	-	14.5	20	70	0
2-Fluorobiphenyl	0.975	0.846	-	13.2	20	75	0
2-Chloronaphthalene	0.797	0.724	-	9.2	20	77	0
2-Nitroaniline	0.22	0.241	-	-9.5	20	88	0
1,4-Dinitrobenzene	0.102	0.101	-	1	20	76	0
1,3-Dinitrobenzene	0.118	0.117	-	0.8	20	79	0
Dimethyl phthalate	0.961	0.855	-	11	20	76	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: SV103		Calibration Date	: 01/03/26 07:34	
Lab File ID	: ABN0103		Init. Calib. Date(s)	: 11/17/25	11/18/25
Sample No	: WG2161293-3		Init. Calib. Times	: 01:56	22:59
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	105	0
n-Nitrosodimethylamine	0.761	0.865	-	-13.7	20	116	0
Pyridine	1.303	1.47	-	-12.8	20	116	0
2-Fluorophenol	1.148	1.185	-	-3.2	20	105	0
Aniline	1.971	2.055	-	-4.3	20	108	0
2-Chlorophenol	1.28	1.343	-	-4.9	20	108	0
Phenol-d6	1.41	1.533	-	-8.7	20	111	0
Phenol	1.673	1.696	-	-1.4	20	104	0
Bis(2-chloroethyl)ether	1.218	1.243	-	-2.1	20	108	0
1,3-Dichlorobenzene	1.566	1.501	-	4.2	20	101	0
1,4-Dichlorobenzene	1.568	1.52	-	3.1	20	102	0
1,2-Dichlorobenzene	1.489	1.455	-	2.3	20	103	0
Benzyl alcohol	0.988	1.174	-	-18.8	20	118	0
Bis(2-chloroisopropyl)ethe	1.699	2.399	-	-41.2*	20	149	0
2-Methylphenol	1.121	1.199	-	-7	20	110	0
Hexachloroethane	0.555	0.593	-	-6.8	20	112	0
n-Nitrosodi-n-propylamine	0.876	1.036	-	-18.3	20	120	0
3-Methylphenol/4-Methylphe	1.191	1.266	-	-6.3	20	108	0
Nitrobenzene-d5	1.178	1.42	-	-20.5*	20	120	0
Nitrobenzene	1.235	1.441	-	-16.7	20	115	0
Isophorone	2.381	2.73	-	-14.7	20	117	0
2-Nitrophenol	0.561	0.734	-	-30.8*	20	126	0
2,4-Dimethylphenol	1.259	1.378	-	-9.5	20	111	0
Bis(2-chloroethoxy)methane	1.558	1.657	-	-6.4	20	111	0
2,4-Dichlorophenol	1.144	1.219	-	-6.6	20	106	0
1,2,4-Trichlorobenzene	1.352	1.323	-	2.1	20	104	0
IS1_Naphthalene-d8	1	1	-	0	20	107	0
Naphthalene	1.041	0.992	-	4.7	20	104	0
Benzoic Acid	0.233	0.294	-	-26.2*	20	134	0
4-Chloroaniline	0.128	0.146	-	-14.1	20	120	0
Hexachlorobutadiene	0.226	0.207	-	8.4	20	101	0
p-Chloro-m-cresol	0.287	0.319	-	-11.1	20	112	0
2-Methylnaphthalene	0.652	0.638	-	2.1	20	105	0
1-Methylnaphthalene	0.231	0.239	-	-3.5	20	111	0
Hexachlorocyclopentadiene	0.227	0.218	-	4	20	96	0
2,4,6-Trichlorophenol	0.22	0.239	-	-8.6	20	107	0
2,4,5-Trichlorophenol	0.242	0.258	-	-6.6	20	106	0
2-Fluorobiphenyl	0.834	0.794	-	4.8	20	103	0
2-Chloronaphthalene	0.714	0.695	-	2.7	20	106	0
2-Nitroaniline	0.196	0.232	-	-18.4	20	116	0
1,4-Dinitrobenzene	0.093	0.113	-	-21.5*	20	122	0
1,3-Dinitrobenzene	0.107	0.119	-	-11.2	20	110	0
Dimethyl phthalate	0.836	0.815	-	2.5	20	102	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		Lab Number	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		Project Number	: AREA E EXCAVATION	
Instrument ID	: SV103		Calibration Date	: 01/03/26 07:34	
Lab File ID	: ABN0103		Init. Calib. Date(s)	: 11/17/25	11/18/25
Sample No	: WG2161293-3		Init. Calib. Times	: 01:56	22:59
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.113	1.098	-	1.3	20	105	0
2,6-Dinitrotoluene	0.15	0.176	-	-17.3	20	109	0
1,2-Dinitrobenzene	0.064	0.076	-	-18.7	20	109	0
IS1_Acenaphthene-d10	1	1	-	0	20	106	0
3-Nitroaniline	0.319	0.358	-	-12.2	20	109	0
Acenaphthene	1.119	1.055	-	5.7	20	102	0
2,4-Dinitrophenol	50	66.309	-	-32.6*	20	153	0
Dibenzofuran	1.831	1.743	-	4.8	20	103	0
2,4-Dinitrotoluene	0.365	0.438	-	-20	20	112	0
4-Nitrophenol	0.225	0.262	-	-16.4	20	114	0
2,3,5,6-Tetrachlorophenol	0.347	0.352	-	-1.4	20	99	0
2,3,4,6-Tetrachlorophenol	0.35	0.363	-	-3.7	20	100	0
Diethyl phthalate	1.436	1.484	-	-3.3	20	107	0
Fluorene	1.429	1.384	-	3.1	20	103	0
4-Chlorophenyl phenyl ethe	0.726	0.665	-	8.4	20	98	0
4-Nitroaniline	0.298	0.337	-	-13.1	20	106	0
4,6-Dinitro-o-cresol	0.186	0.263	-	-41.4*	20	140	0
NDPA/DPA	1.217	1.155	-	5.1	20	101	0
Azobenzene	1.281	1.386	-	-8.2	20	113	0
2,4,6-Tribromophenol	0.201	0.223	-	-10.9	20	105	0
4-Bromophenyl phenyl ether	0.461	0.436	-	5.4	20	101	0
Hexachlorobenzene	0.534	0.505	-	5.4	20	103	0
Pentachlorophenol	50	42.62	-	14.8	20	93	0
IS1_Phenanthrene-d10	1	1	-	0	20	104	0
Phenanthrene	1.116	1.029	-	7.8	20	99	0
Anthracene	1.107	1.056	-	4.6	20	100	0
Carbazole	1.004	0.992	-	1.2	20	102	0
Di-n-butylphthalate	1.135	1.318	-	-16.1	20	109	0
Fluoranthene	1.251	1.198	-	4.2	20	96	0
Benzidine	0.813	0.841	-	-3.4	20	96	0
Pyrene	1.32	1.2	-	9.1	20	93	0
4-Terphenyl-d14	0.998	0.918	-	8	20	93	0
Butyl benzyl phthalate	0.503	0.597	-	-18.7	20	111	0
IS1_Chrysene-d12	1	1	-	0	20	93	0
Benzo(a)anthracene	1.324	1.31	-	1.1	20	93	0
3,3'-Dichlorobenzidine	0.494	0.523	-	-5.9	20	90	0
Chrysene	1.246	1.143	-	8.3	20	88	0
Bis(2-ethylhexyl)phthalate	0.713	0.919	-	-28.9*	20	106	0
Di-n-octylphthalate	50	55.695	-	-11.4	20	108	0
Benzo(b)fluoranthene	1.288	1.303	-	-1.2	20	94	0
Benzo(k)fluoranthene	1.257	1.213	-	3.5	20	87	0
Benzo(a)pyrene	1.194	1.218	-	-2	20	91	0
IS1_Perylene-d12	1	1	-	0	20	92	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Semivolatiles

Client	: Inventum Engineering		**Lab Number**	: L2580856	
Project Name	: SOUTH BUFFALO DEVELOPMENT		**Project Number**	: AREA E EXCAVATION	
Instrument ID	: SV103		**Calibration Date**	: 01/03/26 07:55	
Lab File ID	: AP90103		**Init. Calib. Date(s)**	: 11/17/25	11/18/25
Sample No	: WG2161293-4		**Init. Calib. Times**	: 01:56	22:59
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	94	0
Benzaldehyde	1.026	1.123	-	-9.5	20	99	0
Acetophenone	1.765	1.974	-	-11.8	20	100	0
m-Toluidine	1.734	1.937	-	-11.7	20	99	0
2-Chloroaniline	1.568	1.714	-	-9.3	20	98	0
IS2_Naphthalene-d8	1	1	-	0	20	96	0
a-Terpineol	0.27	0.361	-	-33.7*	20	120	0
3-Chloroaniline	0.139	0.165	-	-18.7	20	109	0
2,6-Dichlorophenol	0.267	0.311	-	-16.5	20	103	0
1-chloro-2-nitrobenzene	0.11	0.147	-	-33.6*	20	114	0
Caprolactam	0.139	0.206	-	-48.2*	20	126	0
1,2,4,5-Tetrachlorobenzene	0.377	0.356	-	5.6	20	90	0
Biphenyl	0.855	0.851	-	0.5	20	94	0
IS2_Acenaphthene-d10	1	1	-	0	20	96	0
Dichloran	50	62.454	-	-24.9*	20	133	0
Pentachloronitrobenzene	0.159	0.209	-	-31.4*	20	117	0
IS2_Phenanthrene-d10	1	1	-	0	20	95	0
Diphenamid	0.466	0.534	-	-14.6	20	101	0

* Value outside of QC limits.

Appendix H – Wate Disposal Manifests

MODERN Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003639459
Date: 12/15/2025
Time: 08:59:29 - 09:00:49
Scale

Gross: 74100 POU In Scale INBOUN
Tare: 26320 POU P.T.
Net: 47780 POU

Truck:
Customer: M24-TA
Carrier: 0005730146/ONTARIO SPECIALTY CC
MAWH-001/Mawhiney Trucking - M

Truck Type: TA
Route: MAWHINEY/Mawhiney Trucking
Profile: M25-4018/SOUTH BUFFALO DEVI Manifest: 35387

Generator:
0005730146/ONTARIO SPECIALTY CC
Comment:

PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	23.89	TON

Driver: _____

Weighmaster: Ashley Neiswonger

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035387

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	b: Manifest Document Number: 0035387
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 d: Generators Phone:	e: Generator's Mailing Address: South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 f: Phone:
If owner of the generating facility differs from the generator, provide: g. Owner's Name:	h. Owner's Phone:

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
Peter Zaffram, Authorized Representative SBD LLC	SBD LLC.	12/15/2025

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address:
Mawhiney Trucking, Inc.
425 Lake Street
Wilson, New York 14172
b: Phone:

c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
Chris Wood	Chris Wood	12/15/2025

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address:	c: US EPA Number	d: Discrepancy Indication Space:
Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 b: Phone: 716-754-8226		

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e: Authorized Agent Name (Print)	f. Signature	g. Date
Ashley Nesinowski		12/15/25

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:
d: Friable, Non-Friable or Both:	e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003639480
Date: 12/15/2025
Time: 09:24:02 - 09:24:46
Scale

Truck:
Customer: KWH-8
Carrier: 0005730146/ONTARIO SPECIALTY CC
KWH-0001/KWH INC.

******** Reprinted Ticket ********

Gross: 85720 POU In Scale INBOUN
Tare: 27440 POU P.T.
Net: 58280 POU

Truck Type: TA
Route: BROKER/SUB OUT VARIOUS BRC
Profile: M25-4018/SOUTH BUFFALO DEVI Manifest: 35388

Generator:
0005730146/ONTARIO SPECIALTY CC
Comment:

PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	29.14	TON

Driver: Dany Dcn

Weighmaster: Ashley Neiswonger

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035388

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	b: Manifest Document Number: 0035388
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 d: Generators Phone:	e: Generator's Mailing Address: South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 f: Phone:
If owner of the generating facility differs from the generator, provide: g. Owner's Name:	h. Owner's Phone:

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
Peter Zaffram, Authorized Representative of SBD LLC		12/15/2025

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address:
Mawhiney Trucking, Inc.
425 Lake Street
Wilson, New York 14172
b: Phone:

Truck KWHB
9A852

c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
Danny P. Dunn	Danny P. Dunn	12-15-25

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address: Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 b: Phone: 716-754-8226	c: US EPA Number	d: Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e: Authorized Agent Name (Print)	f. Signature	g. Date
Ashley Neiswonger		12/15/25

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:
d: Friable, Non-Friable or Both:	e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003639494
Date: 12/15/2025
Time: 09:44:01 - 09:44:59
Scale

Truck:
Customer: M25-TA
Carrier: 0005730146/ONTARIO SPECIALTY CC
Driver: MAWH-001/Mawhiney Trucking - M PAULMARSH/PAUL MARSH
Generator: 0005730146/ONTARIO SPECIALTY CC
Comment:

Gross: 67840 POU In Scale INBOUN
Tare: 28320 POU P.T.
Net: 39520 POU

Truck Type: TA
Profile: M25-4018/SOUTH BUFFALO DEVI
Manifest: 35389
PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	19.76	TON

Driver: _____

Weighmaster: Ashley Neiswonger

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035389

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	**b: Manifest Document Number:** 0035389
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 **d: Generators Phone:**	**e: Generator's Mailing Address:** South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 **f: Phone:**
If owner of the generating facility differs from the generator, provide: **g. Owner's Name:**	**h. Owner's Phone:**

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
Peter Zaffram, Authorized Representative of SBD LLC.	SBD-	12/15/2025

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address:
Mawhiney Trucking, Inc.
425 Lake Street
Wilson, New York 14172
b: Phone:

c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
PAUL MAHSIL		12-15-25

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address:	c: US EPA Number	d: Discrepancy Indication Space:
Modern Landfill, Inc. 1445 Pletchen Road Model City, NY 14107 **b: Phone:** 716-754-8226		

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e: Authorized Agent Name (Print)	f. Signature	q. Date
		12-15-25

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:
d: Friable, Non-Friable or Both:	**e: Percentage Friable/NonFriable:** 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003639524
Date: 12/15/2025
Time: 10:24:24 - 10:25:00
Scale

Truck:
******** Reprinted Ticket - Edited ********
Gross: 84500 POU In Scale INBOUN
Customer: KWH-10
Tare: 29400 POU P.T.
Carrier: 0005730146/ONTARIO SPECIALTY CC
Net: 55100 POU
KWH-0001/KWH INC. Truck Type: TA

Generator: Profile: M25-4018/SOUTH BUFFALO DEVI Manifest: 35390
0005730146/ONTARIO SPECIALTY CC
Comment: PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	27.55	TON

Driver: _____

Weighmaster: Ashley Neiswonger

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035390

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	b: Manifest Document Number: 0035390
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 d: Generators Phone:	e: Generator's Mailing Address: South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 f: Phone:
If owner of the generating facility differs from the generator, provide: g. Owner's Name:	h. Owner's Phone:

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
PETER ZAFFRAM, AUTHORIZED Representative of SBD LLC.	SBD	12/15/2025

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address: ~~Mawhiney Trucking, Inc.~~ KWH INC
~~425 Lake Street~~
~~Wilson, New York 14172~~
b: Phone:

c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
Leon Haseley	L Haseley	12-15-25

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address:	c: US EPA Number	d: Discrepancy Indication Space:
Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 b: Phone: 716-754-8226		

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e: Authorized Agent Name (Print)	f. Signature	g. Date
		12-15-25

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:
d: Friable, Non-Friable or Both:	e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003639556
Date: 12/15/2025
Time: 11:08:28 - 11:08:52
Scale

Truck:
Customer: KWH-7
Carrier: 0005730146/ONTARIO SPECIALTY CC
KWH-0001/KWH INC.

Gross: 81200 POU In Scale INBOUN
Tare: 30540 POU P.T.
Net: 50660 POU

Truck Type: TA

Generator:
0005730146/ONTARIO SPECIALTY CC

Profile: M25-4018/SOUTH BUFFALO DEVI Manifest: 35391

Comment:

PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	25.33	TON

Driver:

Weighmaster: Anelis Quinones

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035391

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	**b: Manifest Document Number:** 0035391
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 **d: Generators Phone:**	**e: Generator's Mailing Address:** South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 **f: Phone:**
If owner of the generating facility differs from the generator, provide: **g. Owner's Name:**	**h. Owner's Phone:**

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
PETER ZAFFRAM, AUTHORIZED REPRESENTATIVE OF SBD LLC.	SBD LLC.	12/15/2025

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address:
Mawhiney Trucking, Inc. KLM
425 Lake Street
Wilson, New York 14172
b: Phone:

c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
Daniel Ford		12-15-25

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address:	c: US EPA Number	d: Discrepancy Indication Space:
Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 **b: Phone:** 716-754-8226		

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e: Authorized Agent Name (Print)	f. Signature	g. Date
		12-15-25

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:
d: Friable, Non-Friable or Both:	**e: Percentage Friable/NonFriable:** 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003639615
Date: 12/15/2025
Time: 12:20:28 - 12:20:48
Scale

Truck:
Customer: M24-TA
Carrier: 0005730146/ONTARIO SPECIALTY CC
MAWH-001/Mawhiney Trucking - N

Gross: 72940 POU In Scale INBOUN
Tare: 26320 POU P.T.
Net: 46620 POU

Truck Type: TA

Generator:
0005730146/ONTARIO SPECIALTY CC

Profile: M25-4018/SOUTH BUFFALO DEVI Manifest: 35392

Comment:

PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	23.31	TON

Driver:

Weighmaster: Anelis Quinones

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035392

Section I **GENERATOR** (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	**b: Manifest Document Number:** 0035392
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 **d: Generators Phone:**	**e: Generator's Mailing Address:** South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 **f: Phone:**
If owner of the generating facility differs from the generator, provide: **g. Owner's Name:**	**h. Owner's Phone:**

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
PETER ZAFFRAM, Authorized Representative of SBD LLC	SBD LLC	12/15/2025

Section II **TRANSPORTER** (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address:
Mawhiney Trucking, Inc.
425 Lake Street
Wilson, New York 14172
b: Phone:

c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
CHRIS WOOD	WOOD	12/15/2025

Section III **DESTINATION** (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address:	c: US EPA Number	d: Discrepancy Indication Space:
Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 **b: Phone:** 716-754-8226		

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e: Authorized Agent Name (Print)	f. Signature	g. Date

Section IV **ASBESTOS** (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address:	c: Special Handling Instructions and Additional Information:
b: Phone:	
d: Friable, Non-Friable or Both:	**e: Percentage Friable/NonFriable:** 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003639628
Date: 12/15/2025
Time: 12:37:42 - 12:37:56
Scale

Gross: 71740 POU In Scale INBOUN
Tare: 28320 POU P.T.
Net: 43420 POU

Truck:
Customer: M25-TA
Carrier: 0005730146/ONTARIO SPECIALTY CC
Driver: MAWH-001/Mawhiney Trucking - M PAULMARSH/PAUL MARSH
Truck Type: TA
Generator:
0005730146/ONTARIO SPECIALTY CC
Profile: M25-4018/SOUTH BUFFALO DEVI
Manifest: 35393
Comment:
PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	21.71	TON

Driver:

Weighmaster: Anelis Quinones

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035393

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	b: Manifest Document Number: 0035393
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 d: Generators Phone:	e: Generator's Mailing Address: South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 f: Phone:
If owner of the generating facility differs from the generator, provide: g. Owner's Name:	h. Owner's Phone:

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
PETER ZAPPIA, Authorized Representative of SBD LLC.	SBD. LLC.	12/15/2025

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address:
Mawhiney Trucking, Inc.
425 Lake Street
Wilson, New York 14172
b: Phone:

c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
[illegible]		12-15-25

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address: Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 b: Phone: 716-754-8226	c: US EPA Number	d: Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e: Authorized Agent Name (Print)	f. Signature	g. Date
[illegible]		12-15-25

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:
d: Friable, Non-Friable or Both:	e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN
Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003639642
Date: 12/15/2025
Time: 12:59:50 - 13:00:45
Scale

Truck:
Customer: KWH-8
Carrier: 0005730146/ONTARIO SPECIALTY CC
KWH-0001/KWH INC.

Gross: 71880 POU In Scale INBOUN
Tare: 27440 POU P.T.
Net: 44440 POU

Truck Type: TA

Generator:
0005730146/ONTARIO SPECIALTY CC

Profile: M25-4018/SOUTH BUFFALO DEVI Manifest: 35394

Comment:

PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	22.22	TON

Driver: Dany Diaz

Weighmaster: Anelis Quinones

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035394

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	b: Manifest Document Number: 0035394
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 d: Generators Phone:	e: Generator's Mailing Address: South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 f: Phone:
If owner of the generating facility differs from the generator, provide: g. Owner's Name:	h. Owner's Phone:

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
PETER ZAFFRAM, Authorized Representative of SBD LLC.		12/15/2025

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address:	
Mawhiney Trucking, Inc. 425 Lake Street Wilson, New York 14172 b: Phone:	KWH & 9A-852

c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
Doug Dunn	Doug P Dunn	12-15-25

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address:	c: US EPA Number	d: Discrepancy Indication Space:
Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 b: Phone: 716-754-8226		

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e: Authorized Agent Name (Print)	f. Signature	g. Date
		12-15-25

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:
d: Friable, Non-Friable or Both:	e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003639713
Date: 12/15/2025
Time: 14:15:58 - 14:16:17
Scale

Truck:
Customer: M24-TA
Carrier: 0005730146/ONTARIO SPECIALTY CC
MAWH-001/Mawhiney Trucking - N

Gross: 76460 POU In Scale INBOUN
Tare: 26320 POU P.T.
Net: 50140 POU

Truck Type: TA

Generator:
0005730146/ONTARIO SPECIALTY CC

Profile: M25-4018/SOUTH BUFFALO DEVI Manifest: 35395

Comment:

PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	25.07	TON

Driver: _____

Weighmaster: Anelis Quinones

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035395

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	b: Manifest Document Number: 0035395
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 d: Generators Phone:	e: Generator's Mailing Address: South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 f: Phone:
If owner of the generating facility differs from the generator, provide: g. Owner's Name:	h. Owner's Phone:

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
PETER ZAFFRAM, Authorized Representative of SBD LLC	SBD	12/15/2025

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address:
Mawhiney Trucking, Inc.
425 Lake Street
Wilson, New York 14172
b: Phone:

c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
[illegible]	[illegible]	12-15-2025

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address: Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 b: Phone: 716-754-8226	c: US EPA Number	d: Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e: Authorized Agent Name (Print)	f. Signature	g. Date
[illegible]	[illegible]	12-15-25

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:
d: Friable, Non-Friable or Both:	e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003639719
Date: 12/15/2025
Time: 14:28:58 - 14:30:34
Scale

Gross: 67760 POU In Scale INBOUN
Tare: 28320 POU P.T.
Net: 39440 POU

Truck:
Customer: M25-TA
Carrier: 0005730146/ONTARIO SPECIALTY CC
Driver: MAWH-001/Mawhiney Trucking - M PAULMARSH/PAUL MARSH
Truck Type: TA
Generator:
0005730146/ONTARIO SPECIALTY CC
Profile: M25-4018/SOUTH BUFFALO DEVI
Manifest: 35396
Comment:
PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	19.72	TON

Driver:

Weighmaster: Anelis Quinones

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035396

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	**b: Manifest Document Number:** 0035396
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 **d: Generators Phone:**	**e: Generator's Mailing Address:** South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 **f: Phone:**
If owner of the generating facility differs from the generator, provide: **g. Owner's Name:**	**h. Owner's Phone:**

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
PETER ZAFFRAM, Authorized Representative for SBD	SBD	12/15/2020

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address:
Mawhiney Trucking, Inc.
425 Lake Street
Wilson, New York 14172
b: Phone:

c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
PAUL MARSH		12-15-20

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address:	c: US EPA Number	d: Discrepancy Indication Space:
Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 **b: Phone:** 716-754-8226		

I hereby certify that the above-named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e: Authorized Agent Name (Print)	f. Signature	q. Date
		12-15-20

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address:	c: Special Handling Instructions and Additional Information:
b: Phone:	

d: Friable, Non-Friable or Both:

e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN
Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003639735
Date: 12/15/2025
Time: 15:04:49 - 15:05:20
Scale

Truck:
Customer: KWH-8
Carrier: 0005730146/ONTARIO SPECIALTY CC
KWH-0001/KWH INC.

Gross: 64440 POU In Scale INBOUN
Tare: 27440 POU P.T.
Net: 37000 POU

Truck Type: TA

Generator:
0005730146/ONTARIO SPECIALTY CC

Profile: M25-4018/SOUTH BUFFALO DEVI Manifest: 35397

Comment:

PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	18.50	TON

Driver: Doug Dorr

Weighmaster: Anelis Quinones

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035397

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	b: Manifest Document Number: 0035397
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 d: Generators Phone:	e: Generator's Mailing Address: South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 f: Phone:
If owner of the generating facility differs from the generator, provide: g. Owner's Name:	h. Owner's Phone:

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
PETER ZAFFINA Authorized Agent for SBD LLC		12/15/2025

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address:
Mawhiney Trucking, Inc.
425 Lake Street
Wilson, New York 14172
b: Phone:

KWH 8
9A 852

c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
Danny Dunn	Danny Dunn	12-15-25

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address: Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 b: Phone: 716-754-8226	c: US EPA Number	d: Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e: Authorized Agent Name (Print)	f. Signature	q. Date
Angelo Allison		12-15-25

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:
d: Friable, Non-Friable or Both:	e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003639857
Date: 12/16/2025
Time: 08:53:09 - 08:53:37
Scale

Gross: 78180 POU In Scale INBOUN
Tare: 29480 POU P.T.
Net: 48700 POU

Truck:
Customer: M16-TA
Carrier: 0005730146/ONTARIO SPECIALTY CC
MAWH-001/Mawhiney Trucking - N Truck Type: TA

Generator:
0005730146/ONTARIO SPECIALTY CC Profile: M25-4018/SOUTH BUFFALO DEVI Manifest: 35398
Comment: PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	24.35	TON

Driver: _____

Weighmaster: Anelis Quinones

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035398

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	b: Manifest Document Number: 0035398
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 d: Generators Phone:	e: Generator's Mailing Address: South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 f: Phone:
If owner of the generating facility differs from the generator, provide: g. Owner's Name:	h. Owner's Phone:

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
PETER ZAFFRAM, Authorized Representative of SBD LLC		12/16/2025

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address:
Mawhiney Trucking, Inc.
425 Lake Street
Wilson, New York 14172
b: Phone:

c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
		12/16/25

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address: Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 b: Phone: 716-754-8226	c: US EPA Number	d: Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e: Authorized Agent Name (Print)	f. Signature	g. Date
		12/16/25

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:
d: Friable, Non-Friable or Both:	e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003639865
Date: 12/16/2025
Time: 09:08:56 - 09:09:28
Scale

Truck:
Customer: KWH-8
Carrier: 0005730146/ONTARIO SPECIALTY CC
KWH-0001/KWH INC.

Gross: 70380 POU In Scale INBOUN
Tare: 27440 POU P.T.
Net: 42940 POU

Truck Type: TA

Generator:
Comment: 0005730146/ONTARIO SPECIALTY CC

Profile: M25-4018/SOUTH BUFFALO DEVI
Manifest: 35399

PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	21.47	TON

Driver: Dany Dorn

Weighmaster: Anelis Quinones

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035399

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	b: Manifest Document Number: 0035399
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 d: Generators Phone:	e: Generator's Mailing Address: South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 f: Phone:
If owner of the generating facility differs from the generator, provide: g. Owner's Name:	h. Owner's Phone:

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
PETER ZAFFRAM, Authorized Representative of SBD LLC.	SBD LLC.	12/16/2025

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address:	
Mawhiney Trucking, Inc. 425 Lake Street Wilson, New York 14172 b: Phone:	KWH 8 94-852

c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
Danny Dunn	Danny Dunn	12-16-25

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address:	c: US EPA Number	d: Discrepancy Indication Space:
Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 b: Phone: 716-754-8226		

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e: Authorized Agent Name (Print)	f. Signature	g. Date
		12/16/25

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:
d: Friable, Non-Friable or Both:	e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN
Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003639926
Date: 12/16/2025
Time: 10:21:01 - 10:21:29
Scale

Truck:
Customer: KWH-10
Carrier: 0005730146/ONTARIO SPECIALTY CC
KWH-0001/KWH INC.

Gross: 79860 POU In Scale INBOUN
Tare: 29400 POU P.T.
Net: 50460 POU

Truck Type: TA

Generator:
0005730146/ONTARIO SPECIALTY CC

Profile: M25-4018/SOUTH BUFFALO DEVI Manifest: 35400

Comment:

PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	25.23	TON

Driver:

Weighmaster: Anelis Quinones

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035400

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	b: Manifest Document Number: 0035400
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 d: Generators Phone:	e: Generator's Mailing Address: South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 f: Phone:
If owner of the generating facility differs from the generator, provide: g. Owner's Name:	h. Owner's Phone:

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
PETER ZAFFRAM, Authorized Representative of SBD LLC.		12/16/2025

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address: Mawhinney Trucking, Inc. 425 Lake Street Wilson, New York 14172 b: Phone: KWH INC

c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
Kevin Hasley	K Hasley	12-16-25

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address: Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 b: Phone: 716-754-8226	c: US EPA Number	d: Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e: Authorized Agent Name (Print)	f. Signature	g. Date
Austin Thorn		12/16/25

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:
d: Friable, Non-Friable or Both:	e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003639940
Date: 12/16/2025
Time: 10:52:49 - 10:53:17
Scale

Truck:
Customer: M16-TA
Carrier: 0005730146/ONTARIO SPECIALTY CC
MAWH-001/Mawhiney Trucking - M

Gross: 68960 POU In Scale INBOUN
Tare: 29480 POU P.T.
Net: 39480 POU

Truck Type: TA

Generator:
0005730146/ONTARIO SPECIALTY CC

Profile: M25-4018/SOUTH BUFFALO DEVI Manifest: 35401

Comment:

PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	19.74	TON

Driver: _____

Weighmaster: Anelis Quinones

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035401

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	b: Manifest Document Number: 0035401
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 d: Generators Phone:	e: Generator's Mailing Address: South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 f: Phone:
If owner of the generating facility differs from the generator, provide: g. Owner's Name:	h. Owner's Phone:

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
PETER ZAFFRAM, Authorized Representative of SBD LLC	SBD LLC	12/16/2025

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address: Mawhiney Trucking, Inc. 425 Lake Street Wilson, New York 14172 b: Phone: 716-751-6618		
c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
Richard A Mawhiney		12-16-25

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address: Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 b: Phone: 716-754-8226	c: US EPA Number	d: Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.		
e: Authorized Agent Name (Print)	f. Signature	g. Date
		12-16-25

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:
d: Friable, Non-Friable or Both:	e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN
Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003639952
Date: 12/16/2025
Time: 11:10:21 - 11:10:42
Scale
Gross: 67860 POU In Scale INBOUN
Tare: 27440 POU P.T.
Net: 40420 POU

Truck:
Customer: KWH-8
Carrier: 0005730146/ONTARIO SPECIALTY CC
KWH-0001/KWH INC.

Truck Type: TA

Generator:
0005730146/ONTARIO SPECIALTY CC

Profile: M25-4018/SOUTH BUFFALO DEVI Manifest: 35402

Comment:

PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	20.21	TON

Driver: Dany Diaz

Weighmaster: Anelis Quinones

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035402

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	b: Manifest Document Number: 0035402
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 d: Generators Phone:	e: Generator's Mailing Address: South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 f: Phone:
If owner of the generating facility differs from the generator, provide: g. Owner's Name:	h. Owner's Phone:

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
Peter Zaffram, Authorized Representative of SBD LLC.		12/16/25

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address:
Mawhiney Trucking, Inc.
425 Lake Street
Wilson, New York 14172
b: Phone:

KW14 - 8
9A852

c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
Danny Dunn	Danny Dunn	12-16-25

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address:	c: US EPA Number	d: Discrepancy Indication Space:
Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 b: Phone: 716-754-8226		

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e: Authorized Agent Name (Print)	f. Signature	g. Date
		12-16-25

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:
d: Friable, Non-Friable or Both:	e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003640009
Date: 12/16/2025
Time: 12:14:54 - 12:15:55
Scale

Truck:
Customer: KWH-10
Carrier: 0005730146/ONTARIO SPECIALTY CC
KWH-0001/KWH INC.

Gross: 60180 POU In Scale INBOUN
Tare: 29400 POU P.T.
Net: 30780 POU

Truck Type: TA

Generator:
0005730146/ONTARIO SPECIALTY CC

Profile: M25-4018/SOUTH BUFFALO DEVI Manifest: 35403

Comment:

PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	15.39	TON

Driver:

Weighmaster: Anelis Quinones

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035403

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	b: Manifest Document Number: 0035403
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 d: Generators Phone:	e: Generator's Mailing Address: South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 f: Phone:
If owner of the generating facility differs from the generator, provide: g. Owner's Name:	h. Owner's Phone:

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
PETER ZAFFRAM, AUTHORIZED REPRESENTATIVE OF SBDLA		12/16/2025

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address: Mawhiney Trucking, Inc. 425 Lake Street Wilson, New York 14172 KWH INC
b: Phone:

c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
Reid Hasley		12-16-25

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address:	c: US EPA Number	d: Discrepancy Indication Space:
Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 b: Phone: 716-754-8226		

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e: Authorized Agent Name (Print)	f. Signature	g. Date
		12-16-25

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:
d: Friable, Non-Friable or Both:	e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003640033
Date: 12/16/2025
Time: 13:03:14 - 13:04:51
Scale

Truck:
Customer: M16-TA
Carrier: 0005730146/ONTARIO SPECIALTY CC
MAWH-001/Mawhiney Trucking - M

Gross: 69440 POU In Scale INBOUN
Tare: 29480 POU P.T.
Net: 39960 POU

Truck Type: TA
Route: MAWHINEY/Mawhiney Trucking
Profile: M25-4018/SOUTH BUFFALO DEVI Manifest: 35404

Generator:
0005730146/ONTARIO SPECIALTY CC
Comment:

PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	19.98	TON

Driver: _____

Weighmaster: Anelis Quinones

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035404

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	b: Manifest Document Number: 0035404
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 d: Generators Phone:	e: Generator's Mailing Address: South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 f: Phone:
If owner of the generating facility differs from the generator, provide: g. Owner's Name:	h. Owner's Phone:

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
PETER ZAFFRAM, Authorized REPRESENTATIVE of SBD LLC		10/16/2025

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address: Mawhiney Trucking, Inc. 425 Lake Street Wilson, New York 14172 b: Phone: 716 751 6918		
c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
Richard Cobban		10/16/25

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address: Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 b: Phone: 716-754-8226	c: US EPA Number	d: Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e. Authorized Agent Name (Print)	f. Signature	g. Date
Ashley Nelson		10/16/25

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:
d: Friable, Non-Friable or Both:	e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003640400
Date: 12/17/2025
Time: 12:14:11 - 12:14:54
Scale

Truck:
Customer: KWH-7
Carrier: 0005730146/ONTARIO SPECIALTY CC
KWH-0001/KWH INC.

Gross: 78520 POU In Scale INBOUN
Tare: 30540 POU P.T.
Net: 47980 POU

Truck Type: TA

Generator:
0005730146/ONTARIO SPECIALTY CC

Profile: M25-4018/SOUTH BUFFALO DEVI Manifest: 35405

Comment:

PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	23.99	TON

Driver:

Weighmaster: Anelis Quinones

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035405

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	b: Manifest Document Number: 0035405
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 d: Generators Phone:	e: Generator's Mailing Address: South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 f: Phone:
If owner of the generating facility differs from the generator, provide: g. Owner's Name:	h. Owner's Phone:

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
PETER ZAFFRAM, Authorized Representative OF SBD, LLC.	SBD LLC.	12/17/2025

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address:
Mawhiney Trucking, Inc.
425 Lake Street
Wilson, New York 14172
b: Phone:

c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
Daniel Flood		12-17-25

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address:	c: US EPA Number	d: Discrepancy Indication Space:
Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 b: Phone: 716-754-8226		

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e: Authorized Agent Name (Print)	f. Signature	g. Date
		12-17-25

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:
d: Friable, Non-Friable or Both:	e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003640415
Date: 12/17/2025
Time: 12:30:25 - 12:30:57
Scale

Truck:
Customer: KWH-10
Carrier: 0005730146/ONTARIO SPECIALTY CC
KWH-0001/KWH INC.

Gross: 74520 POU In Scale INBOUN
Tare: 29400 POU P.T.
Net: 45120 POU

Truck Type: TA

Generator:
0005730146/ONTARIO SPECIALTY CC

Profile: M25-4018/SOUTH BUFFALO DEVI

Manifest: 35406

Comment:

PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	22.56	TON

Driver:

Weighmaster: Anelis Quinones

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035406

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	b: Manifest Document Number: 0035406
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 d: Generators Phone:	e: Generator's Mailing Address: South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 f: Phone:
If owner of the generating facility differs from the generator, provide: g. Owner's Name:	h. Owner's Phone:

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
PETER ZAFFRAM, AUTHORIZED REPRESENTIVE OF SBD LLC.	SBD LLC	12/17/2025

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address: Mawhiney Trucking, Inc. 425 Lake Street Wilson, New York 14172 b: Phone: KWH INC

c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
KEVIN Hasley	Kevin Hasley	12-17-25

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address: Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 b: Phone: 716-754-8226	c: US EPA Number	d: Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e: Authorized Agent Name (Print)	f. Signature	g. Date
Melissa Deleon		12-17-25

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:

d: Friable, Non-Friable or Both:	e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003640496
Date: 12/17/2025
Time: 14:03:23 - 14:04:01
Scale

Truck:
Customer: KWH-7
Carrier: 0005730146/ONTARIO SPECIALTY CC
KWH-0001/KWH INC.

Gross: 89720 POU In Scale INBOUN
Tare: 30540 POU P.T.
Net: 59180 POU

Truck Type: TA

Generator:
0005730146/ONTARIO SPECIALTY CC

Profile: M25-4018/SOUTH BUFFALO DEVI Manifest: 35407

Comment:

PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	29.59	TON

Driver:

Weighmaster: Anelis Quinones

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035407

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	**b: Manifest Document Number:** 0035407
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 **d: Generators Phone:**	**e: Generator's Mailing Address:** South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 **f: Phone:**
If owner of the generating facility differs from the generator, provide: **g. Owner's Name:**	**h. Owner's Phone:**

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
PETER ZAFFRAM, AUTHORIZED REPRESENTATIVE OF SBDLLC	SBD LLC	12/17/2025

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address:
Mawhiney Trucking, Inc.
425 Lake Street
Wilson, New York 14172
KWH #07
b: Phone:

c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
Daniel Fraley		12-17-25

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address:	c: US EPA Number	d: Discrepancy Indication Space:
Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 **b: Phone:** 716-754-8226		

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e. Authorized Agent Name (Print)	f. Signature	g. Date
		12/17/25

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:
d: Friable, Non-Friable or Both:	**e: Percentage Friable/NonFriable:** 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003640504
Date: 12/17/2025
Time: 14:15:41 - 14:16:12
Scale

Truck:
Customer: KWH-10
Carrier: 0005730146/ONTARIO SPECIALTY CC
KWH-0001/KWH INC.

Gross: 82920 POU In Scale INBOUN
Tare: 29400 POU P.T.
Net: 53520 POU

Truck Type: TA

Generator:
0005730146/ONTARIO SPECIALTY CC

Profile: M25-4018/SOUTH BUFFALO DEVI Manifest: 35408

Comment:

PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	26.76	TON

Driver:

Weighmaster: Anelis Quinones

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035408

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	b: Manifest Document Number: 0035408
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 d: Generators Phone:	e: Generator's Mailing Address: South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 f: Phone:
If owner of the generating facility differs from the generator, provide: g. Owner's Name:	h. Owner's Phone:

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
PETER ZAFFRAM, AUTHORIZED REPRESENTATIVE OF SBD LLC	SBD LLC	12/17/2025

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address:
~~Mawhiney Trucking, Inc.~~
~~425 Lake Street~~
~~Wilson, New York 14172~~
KWH INC
b: Phone:

c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
~~PETER ZAFFRAM, AUTH REPRESENTATIVE~~ Kevin Hasley	Kevin Hasley	12-17-25

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address: Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 b: Phone: 716-754-8226	c: US EPA Number	d: Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e: Authorized Agent Name (Print)	f. Signature	g. Date
[illegible]	[signature]	12-17-25

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:
d: Friable, Non-Friable or Both:	e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN
Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003640565
Date: 12/17/2025
Time: 15:48:26 - 15:49:59
Scale

Truck:

******** Reprinted Ticket - Edited ********

Gross: 85780 POU In Scale INBOUN
Tare: 30540 POU P.T.
Net: 55240 POU

Customer: KWH-7
Carrier: 0005730146/ONTARIO SPECIALTY CC
KWH-0001/KWH INC.

Truck Type: TA

Generator:
0005730146/ONTARIO SPECIALTY CC

Profile: M25-4018/SOUTH BUFFALO DEVI Manifest: 35409

Comment:

PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	27.62	TON

Driver:

Weighmaster: Anelis Quinones

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035409

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	b: Manifest Document Number: 0035409
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 d: Generators Phone:	e: Generator's Mailing Address: South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 f: Phone:
If owner of the generating facility differs from the generator, provide: g. Owner's Name:	h. Owner's Phone:

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
PETER ZAFFRAM, AUTHORIZED REPRESENTATIVE OF SBD LLC	SBD LLC	12/17/2025

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address: Mawhiney Trucking, Inc. 425 Lake Street Wilson, New York 14172 b: Phone:		
c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
Daniel Fendley		12-17-25

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address: Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 b: Phone: 716-754-8226	c: US EPA Number	d: Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.		
e: Authorized Agent Name (Print)	f. Signature	q. Date
		12/17/25

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:
d: Friable, Non-Friable or Both:	e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003640788
Date: 12/18/2025
Time: 10:58:10 - 10:59:26
Scale

Truck:
Customer: M24-TA
Carrier: 0005730146/ONTARIO SPECIALTY CC
MAWH-001/Mawhiney Trucking - M

Gross: 69220 POU In Scale INBOUN
Tare: 26320 POU P.T.
Net: 42900 POU

Truck Type: TA

Generator:
0005730146/ONTARIO SPECIALTY CC

Profile: M25-4018/SOUTH BUFFALO DEVI Manifest: 35411

Comment:

PO: 2.

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	21.45	TON

Driver:

Weighmaster: Anelis Quinones

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035411

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	b: Manifest Document Number: 0035411
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 d: Generators Phone:	e: Generator's Mailing Address: South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 f: Phone:
If owner of the generating facility differs from the generator, provide: g. Owner's Name:	h. Owner's Phone:

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
PETER ZAFFRAM, AUTHORIZED REPRESENTATIVE OF SBD, LLC		12/18/2025

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address:
Mawhiney Trucking, Inc.
425 Lake Street
Wilson, New York 14172
b: Phone:

c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
Chris Wood	C. Wood	12/18/25

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address:	c: US EPA Number	d: Discrepancy Indication Space:
Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 b: Phone: 716-754-8226		

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e: Authorized Agent Name (Print)	f. Signature	g. Date
		12-18-25

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:
d: Friable, Non-Friable or Both:	e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003640797
Date: 12/18/2025
Time: 11:09:28 - 11:10:09
Scale

Truck:
Customer: KWH-7
Carrier: 0005730146/ONTARIO SPECIALTY CC
KWH-0001/KWH INC.

Gross: 76140 POU In Scale INBOUN
Tare: 30540 POU P.T.
Net: 45600 POU

Truck Type: TA

Generator:
0005730146/ONTARIO SPECIALTY CC

Profile: M25-4018/SOUTH BUFFALO DEVI Manifest: 35410

Comment:

PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	22.80	TON

Driver:

Weighmaster: Anelis Quinones

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035410

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	b: Manifest Document Number: 0035410
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 d: Generators Phone:	e: Generator's Mailing Address: South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 f: Phone:
If owner of the generating facility differs from the generator, provide: g. Owner's Name:	h. Owner's Phone:

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
PETER ZAFFRAM, AUTHORIZED REPRESENTATIVE of SBD LLC	SBD LLC	12/18/2025

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address: Mawhiney Trucking, Inc. KW T 425 Lake Street Wilson, New York 14172 #09 b: Phone:		
c. Transporter Authorized Agent Name (Print): Daniel Fraley	d. Signature	e. Date: 12-18-25

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address: Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 b: Phone: 716-754-8226	c: US EPA Number	d: Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e: Authorized Agent Name (Print)	f. Signature	g. Date
Angelo Cheeseman		12-18-25

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:
d: Friable, Non-Friable or Both:	e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003640804
Date: 12/18/2025
Time: 11:18:27 - 11:19:13
Scale

Truck:
Customer: KWH-10
Carrier: 0005730146/ONTARIO SPECIALTY CC
KWH-0001/KWH INC.

Gross: 48880 POU In Scale INBOUN
Tare: 29400 POU P.T.
Net: 19480 POU

Truck Type: TA

Generator:
0005730146/ONTARIO SPECIALTY CC

Profile: M25-4018/SOUTH BUFFALO DEVI Manifest: 35742

Comment:

PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	9.74	TON

Driver:

Weighmaster: Anelis Quinones

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035742

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	b: Manifest Document Number: 0035742
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 d: Generators Phone:	e: Generator's Mailing Address: South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 f: Phone:
If owner of the generating facility differs from the generator, provide: g. Owner's Name:	h. Owner's Phone:

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
PETER ZAFFRAM, AUTHORIZED REPRESENTATIVE OF SBDLLC		12/18/2025

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address:
Mawhiney Trucking, Inc.
428 Lake Street
Wilson, New York 14172
b. Phone:

KWH INC

c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
Kevin Hasley	Kevin Hasley	12.18.25

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address:	c: US EPA Number	d: Discrepancy Indication Space:
Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 b: Phone: 716-754-8226		

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e: Authorized Agent Name (Print)	f. Signature	g. Date
		12-18-25

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:
d: Friable, Non-Friable or Both:	e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003644923
Date: 1/6/2026
Time: 08:51:39 - 08:52:15
Scale

Gross: 85820 POU In Scale INBOUN
Tare: 29480 POU P.T.
Net: 56340 POU

Truck:
Customer: M16-TA
Carrier: 0005730146/ONTARIO SPECIALTY CC
MAWH-001/Mawhiney Trucking - N

Truck Type: TA
Route: MAWHINEY/Mawhiney Trucking
Profile: M25-4018/SOUTH BUFFALO DEVI Manifest: 35743

Generator:
0005730146/ONTARIO SPECIALTY CC
Comment:

PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	28.17	TON

Driver: _____

Weighmaster: Ashley Neiswonger

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035743

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	b: Manifest Document Number: 0035743
c: Generator's Name and Location: South Buffalo Development, LLC 00 Lee Street uffalo, New York 14210 : Generators Phone:	e: Generator's Mailing Address: South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 f: Phone:
owner of the generating facility differs from the generator, provide: . Owner's Name:	h. Owner's Phone:

Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
125-4018	08/18/26	Soil				Tons

ENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, as been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a eatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in ccordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Peter ZAFFRAM, Authorized Representative of SBDLL.	SBDLL	11/6/2026
. Generator Authorized Agent Name (Print)	p. Signature	q. Date

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

r: Transporter's Name and Address: lawhiney Trucking, Inc. 25 Lake Street /ilson, New York 14172 : Phone: 716 751 6878		
Richard Cobbett		1-6-26
. Transporter Authorized Agent Name (Print)	d. Signature	e. Date

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

: Disposal Facility and Site Address: odern Landfill, Inc. 445 Pletcher Road odel City, NY 14107 : Phone: 716-754-8226	c: US EPA Number	d: Discrepancy Indication Space:

hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

Ashley Neismayer		11/6/26
: Authorized Agent Name (Print)	f. Signature	q. Date

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

: Operator's Name and Address: : Phone:	c: Special Handling Instructions and Additional Information:
: Friable, Non-Friable or Both:	e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

PERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, nd are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and ational governmental regulations.

. Operator's Name and Title (Print)	f. Signature	g. Date

Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation peration or both.

DESTINATION RETURN

MODERN Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003644938
Date: 1/6/2026
Time: 09:16:33 - 09:16:56
Scale

Gross: 81240 POU In Scale INBOUN
Tare: 27440 POU P.T.
Net: 53800 POU

Truck:
Customer: KWH-8
Carrier: 0005730146/ONTARIO SPECIALTY CC
KWH-0001/KWH INC.

Truck Type: TA
Route: BROKER/SUB OUT VARIOUS BRC
Profile: M25-4018/SOUTH BUFFALO DEVI Manifest: 35744

Generator:
0005730146/ONTARIO SPECIALTY CC

Comment:

PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	26.90	TON

Driver: _____

Weighmaster: Ashley Neiswonger

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035744

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	b: Manifest Document Number: 0035744
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 d: Generators Phone:	e: Generator's Mailing Address: South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 f: Phone:
If owner of the generating facility differs from the generator, provide: g. Owner's Name:	h. Owner's Phone:

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
PETER ZAFFRAM, AUTHORIZED REPRESENTATIVE OF SBD LLC	SBD LLC	1/6/2026

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address: Mawhiney Trucking, Inc. 425 Lake Street Wilson, New York 14172 b: Phone:		
c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
Daniel Fedder		1-6-26

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address: Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 b: Phone: 716-754-8226	c: US EPA Number	d: Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e: Authorized Agent Name (Print)	f. Signature	g. Date
Ashley Neiswonger		1/6/26

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:
d: Friable, Non-Friable or Both:	e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN Corporation

445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003645003
Date: 1/6/2026
Time: 10:52:14 - 10:52:56
Scale

Gross: 70640 POU In Scale INBOUN
Tare: 29480 POU P.T.
Net: 41160 POU

Truck:
Customer: M16-TA
Carrier: 0005730146/ONTARIO SPECIALTY CC
MAWH-001/Mawhiney Trucking - N

Truck Type: TA
Route: MAWHINEY/Mawhiney Trucking
Profile: M25-4018/SOUTH BUFFALO DEVI Manifest: 35745

Generator:
0005730146/ONTARIO SPECIALTY CC

Comment:

PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	20.58	TON

Driver:

Weighmaster: Anelis Quinones

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035745

ction I GENERATOR (Generator completes Section I, a-q)

ienerator's US EPA ID Number:	**b: Manifest Document Number:** 0035745
ienerator's Name and Location: th Buffalo Development, LLC Lee Street alo, New York 14210 **Generators Phone:**	**e: Generator's Mailing Address:** South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 **f: Phone:**
wner of the generating facility differs from the generator, provide: **)wner's Name:**	**h. Owner's Phone:**

Vaste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
5-4018	08/18/26	Soil				Tons

IERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a itment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in ordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

TER ZAFRAN, AUTHORIZED REPRESENTATIVE OF SBD LLC	SBD LLC	1/6/2026
Generator Authorized Agent Name (Print)	**p. Signature**	**q. Date**

ction II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

Transporter's Name and Address: vhiney Trucking, Inc. Mike Lake Street son, New York 14172 **Phone:** 716 751 6418	N6214TA	
Richard D Cellamm		1-6-2026
Transporter Authorized Agent Name (Print)	**d. Signature**	**e. Date**

ction III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

Disposal Facility and Site Address: dern Landfill, Inc. 5 Pletcher Road del City, NY 14107 **Phone:** 716-754-8226	**c: US EPA Number**	**d: Discrepancy Indication Space:**

reby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

		1-6-26
Authorized Agent Name (Print)	**f. Signature**	**g. Date**

ction IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

Operator's Name and Address: **Phone:**	**c: Special Handling Instructions and Additional Information:**
Friable, Non-Friable or Both:	**e: Percentage Friable/NonFriable:** 0% Friable and 0% Non-Friable

ERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and onal governmental regulations.

Operator's Name and Title (Print)	**f. Signature**	**g. Date**

erator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation ration or both.

DESTINATION RETURN

MODERN Corporation

45 Pletcher Road
odel City, NY 14107
16) 754-8226

Ticket: 1003645077
Date: 1/6/2026
Time: 12:47:03 - 12:47:30
Scale

Gross: 75660 POU In Scale INBOUN
Tare: 29480 POU P.T.
Net: 46180 POU

Truck:
Customer: M16-TA
Carrier: 0005730146/ONTARIO SPECIALTY CC
MAWH-001/Mawhiney Trucking - N

Truck Type: TA

Profile: M25-4018/SOUTH BUFFALO DEVI Manifest: 35746

Generator: 0005730146/ONTARIO SPECIALTY CC

PO: 2

Comment:

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	23.09	TON

Driver: _____

Weighmaster: Anelis Quinones

MODERN Landfill

NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

0035746

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

tion I GENERATOR (Generator completes Section I, a-q)

enerator's US EPA ID Number:

b: Manifest Document Number: 0035746

enerator's Name and Location:
th Buffalo Development, LLC
Lee Street
alo, New York 14210
Generators Phone:

e: Generator's Mailing Address:
South Buffalo Development, LLC
140 Lee Street
Buffalo, New York 14210
f: Phone:

wner of the generating facility differs from the generator, provide:
Owner's Name:

h. Owner's Phone:

Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
25-4018	08/18/26	Soil				Tons

ENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, as been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a reatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in ccordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print): PETER ZAFFRAM, AUTHORIZED REPRESENTATIVE OF SBD LLC

p. Signature: SBD LLC

q. Date: 1/6/2026

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address:
Mawhiney Trucking, Inc.
425 Lake Street
Wilson, New York 14172
b: Phone: 716 751 6415

c. Transporter Authorized Agent Name (Print): Richard Colaizzo

d. Signature

e. Date: 1-6-26

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address:
Modern Landfill, Inc.
1445 Pletcher Road
Model City, NY 14107
b: Phone: 716-754-8226

c: US EPA Number

d: Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e. Authorized Agent Name (Print):

f. Signature

g. Date: 1-6-26

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address:

c: Special Handling Instructions and Additional Information:

b: Phone:

d: Friable, Non-Friable or Both:

e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)

f. Signature

g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN Corporation

45 Pletcher Road
odel City, NY 14107
16) 754-8226

Ticket: 1003645089
Date: 1/6/2026
Time: 13:00:35 - 13:01:01
Scale

Gross: 67240 POU In Scale INBOUN
Tare: 27440 POU P.T.
Net: 39800 POU

Truck:
Customer: KWH-8
Carrier: 0005730146/ONTARIO SPECIALTY CC
KWH-0001/KWH INC.

Truck Type: TA

Profile: .M25-4018/SOUTH BUFFALO DEVI

Manifest: 35747

Generator:
0005730146/ONTARIO SPECIALTY CC

PO: 2

Comment:

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	19.90	TON

Driver: _____

Weighmaster: Anelis Quinones

MODERN Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035747

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	b: Manifest Document Number: 0035747
c: Generator's Name and Location: South Buffalo Development, LLC .00 Lee Street Buffalo, New York 14210 i: Generators Phone:	e: Generator's Mailing Address: South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 f: Phone:
f owner of the generating facility differs from the generator, provide: g. Owner's Name:	h. Owner's Phone:

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
425-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
PETER ZAFFRAM, AUTHORIZED REPRESENTATIVE OF SBD LLC	SBD LLC	1/6/2026

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address: Mawhiney Trucking, Inc. 425 Lake Street Wilson, New York 14172 b: Phone:		
c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
Daniel Fraley		1-6-26

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address: Modern Landfill, Inc. 4445 Pletcher Road Model City, NY 14107 b: Phone: 716-754-8226	c: US EPA Number	d: Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e: Authorized Agent Name (Print)	f. Signature	g. Date
		1-6-26

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:
d: Friable, Non-Friable or Both:	e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

MODERN Corporation

1445 Pletcher Road
Model City, NY 14107
(716) 754-8226

Ticket: 1003645174
Date: 1/6/2026
Time: 14:43:58 - 14:44:33
Scale

Truck:
Customer: M16-TA
Carrier: 0005730146/ONTARIO SPECIALTY CC
MAWH-001/Mawhiney Trucking - N

Gross: 43840 POU In Scale INBOUN
Tare: 29480 POU P.T.
Net: 14360 POU

Truck Type: TA

Generator: 0005730146/ONTARIO SPECIALTY CC
Profile: M25-4018/SOUTH BUFFALO DEVI
Manifest: 35748
Comment:
PO: 2

Origin	Materials & Services	Quantity	Unit
140200/Buffalo	DC Industrial Waste - General	7.18	TON

Driver: _____

Weighmaster: Anelis Quinones

MODEL CITY Landfill NON-HAZARDOUS WASTE & ASBESTOS WASTE SHIPMENT RECORDS

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is **NOT** asbestos waste, complete Sections I, II and III

0035748

Section I GENERATOR (Generator completes Section I, a-q)

a: Generator's US EPA ID Number:	b: Manifest Document Number: 0035748
c: Generator's Name and Location: South Buffalo Development, LLC 100 Lee Street Buffalo, New York 14210 d: Generators Phone:	e: Generator's Mailing Address: South Buffalo Development, LLC 140 Lee Street Buffalo, New York 14210 f: Phone:
If owner of the generating facility differs from the generator, provide: g. Owner's Name:	h. Owner's Phone:

i. Waste Profile #:	j. Exp. Date	k. Waste Shipping Name and Description	l. Containers No.	l. Containers Type	m. Total Quantity	n. Unit Wt/Vol
M25-4018	08/18/26	Soil				Tons

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

o. Generator Authorized Agent Name (Print)	p. Signature	q. Date
PETER ZAFFRAM, AUTHORIZED REPRESENTATIVE OF SBD LLC	SBD LLC	1/6/2026

Section II TRANSPORTER (Generator completes Sec. II, a-b; Transporter completes Sec. II, c-e)

a: Transporter's Name and Address:
Mawhiney Trucking, Inc. MTI
425 Lake Street
Wilson, New York 14172
b: Phone: 716 751 6415 4/6/24 RA

c. Transporter Authorized Agent Name (Print)	d. Signature	e. Date
Richard Colvin		1-6-26

Section III DESTINATION (Generator completes Sec. III, a-c; Destination Site completes Sec. III, d-g)

a: Disposal Facility and Site Address:	c: US EPA Number	d: Discrepancy Indication Space:
Modern Landfill, Inc. 1445 Pletcher Road Model City, NY 14107 b: Phone: 716-754-8226		

I hereby certify that the above named material has been accepted and to the best of my knowledge, the foregoing is true and accurate.

e: Authorized Agent Name (Print)	f. Signature	g. Date
		1-6-26

Section IV ASBESTOS (Generator completes Sec. IV, a-d; Operator completes Sec. IV, e-g)

a: Operator's Name and Address: b: Phone:	c: Special Handling Instructions and Additional Information:
d: Friable, Non-Friable or Both:	e: Percentage Friable/NonFriable: 0% Friable and 0% Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

e. Operator's Name and Title (Print)	f. Signature	g. Date

*Operator refers to the company which owns, leases, operates, controls or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

DESTINATION RETURN

Appendix I – Clay and Topsoil Backfill Material Import Request

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Restricted Residential Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? 100-200

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that passes a size 100 sieve? no

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

One (1) composite and three (3) discrete samples were collected from a clay stockpile at the Gernatt Springville Plant located at 13650 Benz Drive, Springville, New York. Discrete samples were collected from the pile and the composite sample was made up of five (5) discrete locations from the pile.

The imported clay will be used as backfill beneath the cover system for the proposed RFI-32AR corrective measures excavation.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Summary Table is attached. There were no exceedances of Restricted-Residential Use allowable constituent levels for imported fill or soil.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

OSC - Vendor

Location where fill was obtained:

Gernatt Springville Plant - 13650 Benz Drive, Springville, NY

Identification of any state or local approvals as a fill source:

If no approvals are available, provide a brief history of the use of the property that is the fill source:

Virgin aggregate quarry. Clay is overburden excavated for mining operations.

Provide a list of supporting documentation included with this request:

Tabular summary and laboratory data report.

The information provided on this form is accurate and complete.

Todd Waldrop

Digitally signed by Todd Waldrop
DN: cn=Todd Waldrop, c=US, ou=Inventum Engineering, email=todd.waldrop@inventumeng.com
Date: 2025.07.30 11:02:56 -04'00'

Signature

7/30/25

Date

Todd Waldrop

Print Name

Inventum Engineering

Firm

Table 3

Import Material Sample Results Summary
RFI-32 Area CMWP
Buffalo Color Corporation Area E Site (C915232)

			IMPORT LOCATION:									
			SAMPLE ID:	**CLAY-01-07012025**		**CLAY-02-07012025**		**CLAY-03-07012025**		**CLAY-04-07012025**	
			SAMPLING DATE:	**7/1/2025**		**7/1/2025**		**7/1/2025**		**7/1/2025**	
			LAB SAMPLE ID:	**L2541671-05**		**L2541671-06**		**L2541671-07**		**L2541671-08**	
			MATERIAL:	**CLAY BACKFILL**		**CLAY BACKFILL**		**CLAY BACKFILL**		**CLAY BACKFILL**	
			COLLECTION TYPE:	**COMPOSITE**		**GRAB**		**GRAB**		**GRAB**	
Analytes	**NY-DER10-RRU (a)**	**NY-DER10-UU (b)**	**Units**								
Chlorinated Herbicides by GC											
2,4-D	-	-	ug/kg	200	U	-	-	-	-	-	-
2,4,5-T	-	-	ug/kg	200	U	-	-	-	-	-	-
2,4,5-TP (Silvex)	3,800	3,800	ug/kg	200	U	-	-	-	-	-	-
General Chemistry											
Solids, Total	-	-	%	**81.5**		**83.3**		**82.9**		**82.5**	
Organochlorine Pesticides by GC											
Delta-BHC	250	40	ug/kg	1.86	U	-	-	-	-	-	-
Lindane	100	100	ug/kg	0.774	U	-	-	-	-	-	-
Alpha-BHC	20	20	ug/kg	0.774	U	-	-	-	-	-	-
Beta-BHC	90	36	ug/kg	1.86	U	-	-	-	-	-	-
Heptachlor	380	42	ug/kg	0.929	U	-	-	-	-	-	-
Aldrin	97	5	ug/kg	1.86	U	-	-	-	-	-	-
Heptachlor epoxide	-	-	ug/kg	3.48	U	-	-	-	-	-	-
Endrin	60	14	ug/kg	0.774	U	-	-	-	-	-	-
Endrin aldehyde	-	-	ug/kg	2.32	U	-	-	-	-	-	-
Endrin ketone	-	-	ug/kg	1.86	U	-	-	-	-	-	-
Dieldrin	100	5	ug/kg	1.16	U	-	-	-	-	-	-
4,4'-DDE	8,900	3.3	ug/kg	1.86	U	-	-	-	-	-	-
4,4'-DDD	13,000	3.3	ug/kg	1.86	U	-	-	-	-	-	-
4,4'-DDT	7,900	3.3	ug/kg	1.86	U	-	-	-	-	-	-
Endosulfan I	24,000	2,400	ug/kg	1.86	U	-	-	-	-	-	-
Endosulfan II	24,000	2,400	ug/kg	1.86	U	-	-	-	-	-	-
Endosulfan sulfate	24,000	2,400	ug/kg	0.774	U	-	-	-	-	-	-
Methoxychlor	-	-	ug/kg	3.48	U	-	-	-	-	-	-
Toxaphene	-	-	ug/kg	34.8	U	-	-	-	-	-	-
cis-Chlordane	2,900	94	ug/kg	2.32	U	-	-	-	-	-	-
trans-Chlordane	-	-	ug/kg	2.32	U	-	-	-	-	-	-
Chlordane	-	-	ug/kg	15.5	U	-	-	-	-	-	-
Perfluorinated Alkyl Acids by EPA 1633											
Perfluorobutanoic Acid (PFBA)	-	-	ug/kg	0.799	U	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	-	-	ug/kg	0.4	U	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	-	-	ug/kg	0.799	U	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluoropentanesulfonic Acid (PFPeS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	33	0.66	ug/kg	0.2	U	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	-	-	ug/kg	0.799	U	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	44	0.88	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	-	-	ug/kg	0.799	U	-	-	-	-	-	-
Perfluorononanesulfonic Acid (PFNS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	-	-	ug/kg	0.799	U	-	-	-	-	-	-
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	-	-	ug/kg	0.799	U	-	-	-	-	-	-
Perfluorododecanesulfonic Acid (PFDoS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	-	-	ug/kg	0.799	U	-	-	-	-	-	-
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	-	-	ug/kg	0.799	U	-	-	-	-	-	-
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	-	-	ug/kg	2	U	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	-	-	ug/kg	2	U	-	-	-	-	-	-
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	-	-	ug/kg	0.4	U	-	-	-	-	-	-
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	-	-	ug/kg	0.4	U	-	-	-	-	-	-
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	-	-	ug/kg	0.4	U	-	-	-	-	-	-
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	-	-	ug/kg	0.4	U	-	-	-	-	-	-
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	-	-	ug/kg	0.999	U	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	-	-	ug/kg	5	U	-	-	-	-	-	-
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	-	-	ug/kg	5	U	-	-	-	-	-	-
Polychlorinated Biphenyls by GC											
Aroclor 1016	1,000	-	ug/kg	58	U	-	-	-	-	-	-
Aroclor 1221	1,000	-	ug/kg	58	U	-	-	-	-	-	-
Aroclor 1232	1,000	-	ug/kg	58	U	-	-	-	-	-	-
Aroclor 1242	1,000	-	ug/kg	58	U	-	-	-	-	-	-
Aroclor 1248	1,000	-	ug/kg	58	U	-	-	-	-	-	-
Aroclor 1254	1,000	-	ug/kg	58	U	-	-	-	-	-	-
Aroclor 1260	1,000	-	ug/kg	58	U	-	-	-	-	-	-
Aroclor 1262	1,000	-	ug/kg	58	U	-	-	-	-	-	-
Aroclor 1268	1,000	-	ug/kg	58	U	-	-	-	-	-	-
PCBs, Total	1,000	-	ug/kg	58	U	-	-	-	-	-	-

Table 3

Import Material Sample Results Summary
RFI-32 Area CMWP
Buffalo Color Corporation Area E Site (C915232)

			IMPORT LOCATION:									
			SAMPLE ID:	**CLAY-01-07012025**		**CLAY-02-07012025**		**CLAY-03-07012025**		**CLAY-04-07012025**	
			SAMPLING DATE:	**7/1/2025**		**7/1/2025**		**7/1/2025**		**7/1/2025**	
			LAB SAMPLE ID:	**L2541671-05**		**L2541671-06**		**L2541671-07**		**L2541671-08**	
			MATERIAL:	**CLAY BACKFILL**		**CLAY BACKFILL**		**CLAY BACKFILL**		**CLAY BACKFILL**	
			COLLECTION TYPE:	**COMPOSITE**		**GRAB**		**GRAB**		**GRAB**	
Analytes	**NY-DER10-RRU (a)**	**NY-DER10-UU (b)**	**Units**								
Semivolatile Organics by GC/MS											
Acenaphthene	98,000	20,000	ug/kg	160	U	-	-	-	-	-	-
Hexachlorobenzene	1,200	330	ug/kg	120	U	-	-	-	-	-	-
Bis(2-chloroethyl)ether	-	-	ug/kg	180	U	-	-	-	-	-	-
2-Chloronaphthalene	-	-	ug/kg	200	U	-	-	-	-	-	-
3,3'-Dichlorobenzidine	-	-	ug/kg	200	U	-	-	-	-	-	-
2,4-Dinitrotoluene	-	-	ug/kg	200	U	-	-	-	-	-	-
2,6-Dinitrotoluene	-	-	ug/kg	200	U	-	-	-	-	-	-
Fluoranthene	100,000	100,000	ug/kg	120	U	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	-	-	ug/kg	200	U	-	-	-	-	-	-
4-Bromophenyl phenyl ether	-	-	ug/kg	200	U	-	-	-	-	-	-
Bis(2-chloroisopropyl)ether	-	-	ug/kg	240	U	-	-	-	-	-	-
Bis(2-chloroethoxy)methane	-	-	ug/kg	220	U	-	-	-	-	-	-
Hexachlorobutadiene	-	-	ug/kg	200	U	-	-	-	-	-	-
Hexachlorocyclopentadiene	-	-	ug/kg	580	U	-	-	-	-	-	-
Hexachloroethane	-	-	ug/kg	160	U	-	-	-	-	-	-
Isophorone	-	-	ug/kg	180	U	-	-	-	-	-	-
Naphthalene	12,000	12,000	ug/kg	200	U	-	-	-	-	-	-
Nitrobenzene	-	-	ug/kg	180	U	-	-	-	-	-	-
NDPA/DPA	-	-	ug/kg	160	U	-	-	-	-	-	-
n-Nitrosodi-n-propylamine	-	-	ug/kg	200	U	-	-	-	-	-	-
Bis(2-ethylhexyl)phthalate	-	-	ug/kg	200	U	-	-	-	-	-	-
Butyl benzyl phthalate	-	-	ug/kg	200	U	-	-	-	-	-	-
Di-n-butylphthalate	-	-	ug/kg	200	U	-	-	-	-	-	-
Di-n-octylphthalate	-	-	ug/kg	200	U	-	-	-	-	-	-
Diethyl phthalate	-	-	ug/kg	200	U	-	-	-	-	-	-
Dimethyl phthalate	-	-	ug/kg	200	U	-	-	-	-	-	-
Benzo(a)anthracene	1,000	1,000	ug/kg	120	U	-	-	-	-	-	-
Benzo(a)pyrene	1,000	1,000	ug/kg	160	U	-	-	-	-	-	-
Benzo(b)fluoranthene	1,000	1,000	ug/kg	120	U	-	-	-	-	-	-
Benzo(k)fluoranthene	1,700	800	ug/kg	120	U	-	-	-	-	-	-
Chrysene	1,000	1,000	ug/kg	120	U	-	-	-	-	-	-
Acenaphthylene	100,000	100,000	ug/kg	160	U	-	-	-	-	-	-
Anthracene	100,000	100,000	ug/kg	120	U	-	-	-	-	-	-
Benzo(ghi)perylene	100,000	100,000	ug/kg	160	U	-	-	-	-	-	-
Fluorene	100,000	30,000	ug/kg	200	U	-	-	-	-	-	-
Phenanthrene	100,000	100,000	ug/kg	120	U	-	-	-	-	-	-
Dibenzo(a,h)anthracene	330	330	ug/kg	120	U	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	500	500	ug/kg	160	U	-	-	-	-	-	-
Pyrene	100,000	100,000	ug/kg	120	U	-	-	-	-	-	-
Biphenyl	-	-	ug/kg	460	U	-	-	-	-	-	-
4-Chloroaniline	-	-	ug/kg	200	U	-	-	-	-	-	-
2-Nitroaniline	-	-	ug/kg	200	U	-	-	-	-	-	-
3-Nitroaniline	-	-	ug/kg	200	U	-	-	-	-	-	-
4-Nitroaniline	-	-	ug/kg	200	U	-	-	-	-	-	-
Dibenzofuran	59,000	-	ug/kg	200	U	-	-	-	-	-	-
2-Methylnaphthalene	-	-	ug/kg	240	U	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene	-	-	ug/kg	200	U	-	-	-	-	-	-
Acetophenone	-	-	ug/kg	200	U	-	-	-	-	-	-
2,4,6-Trichlorophenol	-	-	ug/kg	120	U	-	-	-	-	-	-
p-Chloro-m-cresol	-	-	ug/kg	200	U	-	-	-	-	-	-
2-Chlorophenol	-	-	ug/kg	200	U	-	-	-	-	-	-
2,4-Dichlorophenol	-	-	ug/kg	180	U	-	-	-	-	-	-
2,4-Dimethylphenol	-	-	ug/kg	200	U	-	-	-	-	-	-
2-Nitrophenol	-	-	ug/kg	440	U	-	-	-	-	-	-
4-Nitrophenol	-	-	ug/kg	280	U	-	-	-	-	-	-
2,4-Dinitrophenol	-	-	ug/kg	970	U	-	-	-	-	-	-
4,6-Dinitro-o-cresol	-	-	ug/kg	520	U	-	-	-	-	-	-
Pentachlorophenol	800	800	ug/kg	160	U	-	-	-	-	-	-
Phenol	330	330	ug/kg	200	U	-	-	-	-	-	-
2-Methylphenol	330	330	ug/kg	200	U	-	-	-	-	-	-
3-Methylphenol/4-Methylphenol	330	330	ug/kg	290	U	-	-	-	-	-	-
2,4,5-Trichlorophenol	-	-	ug/kg	200	U	-	-	-	-	-	-
Carbazole	-	-	ug/kg	200	U	-	-	-	-	-	-
Atrazine	-	-	ug/kg	160	U	-	-	-	-	-	-
Benzaldehyde	-	-	ug/kg	260	U	-	-	-	-	-	-
Caprolactam	-	-	ug/kg	200	U	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	-	-	ug/kg	200	U	-	-	-	-	-	-
1,4-Dioxane	100	100	ug/kg	30	U	-	-	-	-	-	-
Total Metals											
Aluminum, Total	-	-	ug/kg	**13800000**		-	-	-	-	-	-
Antimony, Total	-	-	ug/kg	4870	U	-	-	-	-	-	-
Arsenic, Total	16,000	13,000	ug/kg	**7770**		-	-	-	-	-	-
Barium, Total	400,000	350,000	ug/kg	**108000**		-	-	-	-	-	-
Beryllium, Total	47,000	7,200	ug/kg	**524**		-	-	-	-	-	-
Cadmium, Total	4,300	2,500	ug/kg	**256**	J	-	-	-	-	-	-
Calcium, Total	-	-	ug/kg	**10300000**		-	-	-	-	-	-
Chromium, Total	180,000	30,000	ug/kg	**20600**		-	-	-	-	-	-
Cobalt, Total	-	-	ug/kg	**11200**		-	-	-	-	-	-
Copper, Total	270,000	50,000	ug/kg	**26700**		-	-	-	-	-	-
Iron, Total	-	-	ug/kg	**21000000**		-	-	-	-	-	-
Lead, Total	400,000	63,000	ug/kg	**13500**		-	-	-	-	-	-
Magnesium, Total	-	-	ug/kg	**6520000**		-	-	-	-	-	-
Manganese, Total	2,000,000	1,600,000	ug/kg	**280000**		-	-	-	-	-	-
Mercury, Total	730	180	ug/kg	79	U	-	-	-	-	-	-
Nickel, Total	130,000	30,000	ug/kg	**37300**		-	-	-	-	-	-
Potassium, Total	-	-	ug/kg	**644000**		-	-	-	-	-	-
Selenium, Total	4,000	3,900	ug/kg	1950	U	-	-	-	-	-	-
Silver, Total	8,300	2,000	ug/kg	487	U	-	-	-	-	-	-
Sodium, Total	-	-	ug/kg	195000	U	-	-	-	-	-	-
Thallium, Total	-	-	ug/kg	1950	U	-	-	-	-	-	-
Vanadium, Total	-	-	ug/kg	**22500**		-	-	-	-	-	-
Zinc, Total	2,480,000	109,000	ug/kg	**70000**		-	-	-	-	-	-

Table 3

Import Material Sample Results Summary
RFI-32 Area CMWP
Buffalo Color Corporation Area E Site (C915232)

			IMPORT LOCATION:								
			SAMPLE ID:	**CLAY-01-07012025**		**CLAY-02-07012025**		**CLAY-03-07012025**		**CLAY-04-07012025**	
			SAMPLING DATE:	**7/1/2025**		**7/1/2025**		**7/1/2025**		**7/1/2025**	
			LAB SAMPLE ID:	**L2541671-05**		**L2541671-06**		**L2541671-07**		**L2541671-08**	
			MATERIAL:	**CLAY BACKFILL**		**CLAY BACKFILL**		**CLAY BACKFILL**		**CLAY BACKFILL**	
			COLLECTION TYPE:	**COMPOSITE**		**GRAB**		**GRAB**		**GRAB**	
Analytes	**NY-DER10-RRU (a)**	**NY-DER10-UU (b)**	**Units**								
Volatile Organics by GC/MS											
Methylene chloride	50	50	ug/kg	5.6	U	5.8	U	**3**	J	6	U
1,1-Dichloroethane	270	270	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
Chloroform	370	370	ug/kg	1.7	U	1.7	U	1.7	U	1.8	U
Carbon tetrachloride	760	760	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
1,2-Dichloropropane	-	-	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
Dibromochloromethane	-	-	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
1,1,2-Trichloroethane	-	-	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
Tetrachloroethene	1,300	1,300	ug/kg	0.56	U	0.58	U	0.57	U	0.6	U
Chlorobenzene	1,100	1,100	ug/kg	0.56	U	0.58	U	0.57	U	0.6	U
Trichlorofluoromethane	-	-	ug/kg	4.5	U	4.6	U	4.6	U	4.8	U
1,2-Dichloroethane	20	20	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
1,1,1-Trichloroethane	680	680	ug/kg	0.56	U	0.58	U	0.57	U	0.6	U
Bromodichloromethane	-	-	ug/kg	0.56	U	0.58	U	0.57	U	0.6	U
trans-1,3-Dichloropropene	-	-	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
cis-1,3-Dichloropropene	-	-	ug/kg	0.56	U	0.58	U	0.57	U	0.6	U
Bromoform	-	-	ug/kg	4.5	U	4.6	U	4.6	U	4.8	U
1,1,2,2-Tetrachloroethane	-	-	ug/kg	0.56	U	0.58	U	0.57	U	0.6	U
Benzene	60	60	ug/kg	0.56	U	0.58	U	0.57	U	0.6	U
Toluene	700	700	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
Ethylbenzene	1,000	1,000	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
Chloromethane	-	-	ug/kg	4.5	U	4.6	U	4.6	U	4.8	U
Bromomethane	-	-	ug/kg	2.2	U	2.3	U	2.3	U	2.4	U
Vinyl chloride	20	20	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
Chloroethane	-	-	ug/kg	2.2	U	2.3	U	2.3	U	2.4	U
1,1-Dichloroethene	330	330	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
trans-1,2-Dichloroethene	190	190	ug/kg	1.7	U	1.7	U	1.7	U	1.8	U
Trichloroethene	470	470	ug/kg	0.56	U	0.58	U	0.57	U	0.6	U
1,2-Dichlorobenzene	1,100	1,100	ug/kg	2.2	U	2.3	U	2.3	U	2.4	U
1,3-Dichlorobenzene	2,400	2,400	ug/kg	2.2	U	2.3	U	2.3	U	2.4	U
1,4-Dichlorobenzene	1,800	1,800	ug/kg	2.2	U	2.3	U	2.3	U	2.4	U
Methyl tert butyl ether	930	930	ug/kg	2.2	U	2.3	U	2.3	U	2.4	U
p/m-Xylene	1,600	260	ug/kg	2.2	U	2.3	U	2.3	U	2.4	U
o-Xylene	1,600	260	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
cis-1,2-Dichloroethene	250	250	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
Styrene	-	-	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
Dichlorodifluoromethane	-	-	ug/kg	11	U	12	U	11	U	12	U
Acetone	50	50	ug/kg	11	U	12	U	11	U	12	U
Carbon disulfide	-	-	ug/kg	11	U	12	U	11	U	12	U
2-Butanone	120	120	ug/kg	11	U	12	U	11	U	12	U
4-Methyl-2-pentanone	-	-	ug/kg	11	U	12	U	11	U	12	U
2-Hexanone	-	-	ug/kg	11	U	12	U	11	U	12	U
1,2-Dibromoethane	-	-	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
n-Butylbenzene	12,000	12,000	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
sec-Butylbenzene	11,000	11,000	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
tert-Butylbenzene	5,900	5,900	ug/kg	2.2	U	2.3	U	2.3	U	2.4	U
1,2-Dibromo-3-chloropropane	-	-	ug/kg	3.4	U	3.4	U	3.4	U	3.6	U
Isopropylbenzene	-	-	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
p-Isopropyltoluene	-	-	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
Naphthalene	12,000	12,000	ug/kg	4.5	U	4.6	U	4.6	U	4.8	U
n-Propylbenzene	3,900	3,900	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
1,2,4-Trichlorobenzene	-		ug/kg	2.2	U	2.3	U	2.3	U	2.4	U
1,3,5-Trimethylbenzene	8,400	8,400	ug/kg	2.2	U	2.3	U	2.3	U	2.4	U
1,2,4-Trimethylbenzene	3,600	3,600	ug/kg	2.2	U	2.3	U	2.3	U	2.4	U
Methyl Acetate	-	-	ug/kg	4.5	U	4.6	U	4.6	U	4.8	U
Cyclohexane	-	-	ug/kg	11	U	12	U	11	U	12	U
Freon-113	-	-	ug/kg	4.5	U	4.6	U	4.6	U	4.8	U
Methyl cyclohexane	-	-	ug/kg	4.5	U	4.6	U	4.6	U	4.8	U

Bold results indicate a detection or estimated detection.
(a) NY-DER10-RRU: New York DER-10 Restricted Residential Use Allowable Constituent Levels for Imported Fill & Soil Criteria per DER-10 Technical Guidance for Site Investigation & Remediation issued May 3, 2010. Exceedances highlighted in orange.

(b) NY-DER10-UU: New York DER-10 Unrestricted Use Allowable Constituent Levels for Imported Fill & Soil Criteria per DER-10 Technical Guidance for Site Investigation & Remediation issued May 3, 2010. Exceedances highlighted in yellow.

"-" = no comparative criteria or not analyzed; "U" = Not detected above reporting limit shown; "J" - estimated concentration. Analyte positively identified at estimated concentration between the PQL and MDL.
"ug/kg" = micrograms per kilogram

Table 3

Import Material Sample Results Summary
RFI-32 Area CMWP
Buffalo Color Corporation Area E Site (C915232)

IMPORT LOCATION:												
SAMPLE ID:				**TOPSOIL-01-07012025**		**TOPSOIL-02-07012025**		**TOPSOIL-03-07012025**		**TOPSOIL-04-07012025**	
SAMPLING DATE:				**7/1/2025**		**7/1/2025**		**7/1/2025**		**7/1/2025**	
LAB SAMPLE ID:				**L2541671-01**		**L2541671-02**		**L2541671-03**		**L2541671-04**	
MATERIAL:				**TOPSOIL**		**TOPSOIL**		**TOPSOIL**		**TOPSOIL**	
COLLECTION TYPE:				**COMPOSITE**		**GRAB**		**GRAB**		**GRAB**	
Analytes	**NY-DER10-RRU (a)**	**NY-DER10-UU (b)**	**Units**								
Chlorinated Herbicides by GC											
2,4-D	-	-	ug/kg	189	U	-	-	-	-	-	-
2,4,5-T	-	-	ug/kg	189	U	-	-	-	-	-	-
2,4,5-TP (Silvex)	3,800	3,800	ug/kg	189	U	-	-	-	-	-	-
General Chemistry											
Solids, Total	-	-	%	**86.5**		**88.1**		**87.9**		**87.7**	
Organochlorine Pesticides by GC											
Delta-BHC	250	40	ug/kg	1.77	U	-	-	-	-	-	-
Lindane	100	100	ug/kg	0.739	U	-	-	-	-	-	-
Alpha-BHC	20	20	ug/kg	0.739	U	-	-	-	-	-	-
Beta-BHC	90	36	ug/kg	1.77	U	-	-	-	-	-	-
Heptachlor	380	42	ug/kg	0.886	U	-	-	-	-	-	-
Aldrin	97	5	ug/kg	1.77	U	-	-	-	-	-	-
Heptachlor epoxide	-	-	ug/kg	3.32	U	-	-	-	-	-	-
Endrin	60	14	ug/kg	0.739	U	-	-	-	-	-	-
Endrin aldehyde	-	-	ug/kg	2.22	U	-	-	-	-	-	-
Endrin ketone	-	-	ug/kg	1.77	U	-	-	-	-	-	-
Dieldrin	100	5	ug/kg	1.11	U	-	-	-	-	-	-
4,4'-DDE	8,900	3.3	ug/kg	1.77	U	-	-	-	-	-	-
4,4'-DDD	13,000	3.3	ug/kg	1.77	U	-	-	-	-	-	-
4,4'-DDT	7,900	3.3	ug/kg	1.77	U	-	-	-	-	-	-
Endosulfan I	24,000	2,400	ug/kg	1.77	U	-	-	-	-	-	-
Endosulfan II	24,000	2,400	ug/kg	1.77	U	-	-	-	-	-	-
Endosulfan sulfate	24,000	2,400	ug/kg	0.739	U	-	-	-	-	-	-
Methoxychlor	-	-	ug/kg	3.32	U	-	-	-	-	-	-
Toxaphene	-	-	ug/kg	33.2	U	-	-	-	-	-	-
cis-Chlordane	2,900	94	ug/kg	2.22	U	-	-	-	-	-	-
trans-Chlordane	-	-	ug/kg	2.22	U	-	-	-	-	-	-
Chlordane	-	-	ug/kg	14.8	U	-	-	-	-	-	-
Perfluorinated Alkyl Acids by EPA 1633											
Perfluorobutanoic Acid (PFBA)	-	-	ug/kg	**0.055**	J	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	-	-	ug/kg	0.4	U	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	-	-	ug/kg	0.8	U	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluoropentanesulfonic Acid (PFPeS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	-	-	ug/kg	**0.028**	J	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	33	0.66	ug/kg	**0.078**	J	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	-	-	ug/kg	0.8	U	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	-	-	ug/kg	**0.042**	J	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	44	0.88	ug/kg	**0.114**	J	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	-	-	ug/kg	0.8	U	-	-	-	-	-	-
Perfluorononanesulfonic Acid (PFNS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	-	-	ug/kg	0.8	U	-	-	-	-	-	-
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	-	-	ug/kg	0.8	U	-	-	-	-	-	-
Perfluorododecanesulfonic Acid (PFDoS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	-	-	ug/kg	0.8	U	-	-	-	-	-	-
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	-	-	ug/kg	0.8	U	-	-	-	-	-	-
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	-	-	ug/kg	2	U	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	-	-	ug/kg	2	U	-	-	-	-	-	-
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	-	-	ug/kg	0.4	U	-	-	-	-	-	-
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	-	-	ug/kg	0.4	U	-	-	-	-	-	-
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	-	-	ug/kg	0.4	U	-	-	-	-	-	-
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	-	-	ug/kg	0.4	U	-	-	-	-	-	-
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	-	-	ug/kg	1	U	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	-	-	ug/kg	5	U	-	-	-	-	-	-
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	-	-	ug/kg	5	U	-	-	-	-	-	-
Polychlorinated Biphenyls by GC											
Aroclor 1016	1,000	-	ug/kg	55.4	U	-	-	-	-	-	-
Aroclor 1221	1,000	-	ug/kg	55.4	U	-	-	-	-	-	-
Aroclor 1232	1,000	-	ug/kg	55.4	U	-	-	-	-	-	-
Aroclor 1242	1,000	-	ug/kg	55.4	U	-	-	-	-	-	-
Aroclor 1248	1,000	-	ug/kg	55.4	U	-	-	-	-	-	-
Aroclor 1254	1,000	-	ug/kg	55.4	U	-	-	-	-	-	-
Aroclor 1260	1,000	-	ug/kg	55.4	U	-	-	-	-	-	-
Aroclor 1262	1,000	-	ug/kg	55.4	U	-	-	-	-	-	-
Aroclor 1268	1,000	-	ug/kg	55.4	U	-	-	-	-	-	-
PCBs, Total	1,000	-	ug/kg	55.4	U	-	-	-	-	-	-

Table 3

Import Material Sample Results Summary
RFI-32 Area CMWP
Buffalo Color Corporation Area E Site (C915232)

			IMPORT LOCATION:									
			SAMPLE ID:	**TOPSOIL-01-07012025**		**TOPSOIL-02-07012025**		**TOPSOIL-03-07012025**		**TOPSOIL-04-07012025**	
			SAMPLING DATE:	**7/1/2025**		**7/1/2025**		**7/1/2025**		**7/1/2025**	
			LAB SAMPLE ID:	**L2541671-01**		**L2541671-02**		**L2541671-03**		**L2541671-04**	
			MATERIAL:	**TOPSOIL**		**TOPSOIL**		**TOPSOIL**		**TOPSOIL**	
			COLLECTION TYPE:	**COMPOSITE**		**GRAB**		**GRAB**		**GRAB**	
Analytes	**NY-DER10-RRU (a)**	**NY-DER10-UU (b)**	**Units**								
Semivolatile Organics by GC/MS											
Acenaphthene	98,000	20,000	ug/kg	150	U	-	-	-	-	-	-
Hexachlorobenzene	1,200	330	ug/kg	110	U	-	-	-	-	-	-
Bis(2-chloroethyl)ether	-	-	ug/kg	170	U	-	-	-	-	-	-
2-Chloronaphthalene	-	-	ug/kg	190	U	-	-	-	-	-	-
3,3'-Dichlorobenzidine	-	-	ug/kg	190	U	-	-	-	-	-	-
2,4-Dinitrotoluene	-	-	ug/kg	190	U	-	-	-	-	-	-
2,6-Dinitrotoluene	-	-	ug/kg	190	U	-	-	-	-	-	-
Fluoranthene	100,000	100,000	ug/kg	**26**	J	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	-	-	ug/kg	190	U	-	-	-	-	-	-
4-Bromophenyl phenyl ether	-	-	ug/kg	190	U	-	-	-	-	-	-
Bis(2-chloroisopropyl)ether	-	-	ug/kg	230	U	-	-	-	-	-	-
Bis(2-chloroethoxy)methane	-	-	ug/kg	210	U	-	-	-	-	-	-
Hexachlorobutadiene	-	-	ug/kg	190	U	-	-	-	-	-	-
Hexachlorocyclopentadiene	-	-	ug/kg	550	U	-	-	-	-	-	-
Hexachloroethane	-	-	ug/kg	150	U	-	-	-	-	-	-
Isophorone	-	-	ug/kg	170	U	-	-	-	-	-	-
Naphthalene	12,000	12,000	ug/kg	190	U	-	-	-	-	-	-
Nitrobenzene	-	-	ug/kg	170	U	-	-	-	-	-	-
NDPA/DPA	-	-	ug/kg	150	U	-	-	-	-	-	-
n-Nitrosodi-n-propylamine	-	-	ug/kg	190	U	-	-	-	-	-	-
Bis(2-ethylhexyl)phthalate	-	-	ug/kg	190	U	-	-	-	-	-	-
Butyl benzyl phthalate	-	-	ug/kg	190	U	-	-	-	-	-	-
Di-n-butylphthalate	-	-	ug/kg	190	U	-	-	-	-	-	-
Di-n-octylphthalate	-	-	ug/kg	190	U	-	-	-	-	-	-
Diethyl phthalate	-	-	ug/kg	190	U	-	-	-	-	-	-
Dimethyl phthalate	-	-	ug/kg	190	U	-	-	-	-	-	-
Benzo(a)anthracene	1,000	1,000	ug/kg	110	U	-	-	-	-	-	-
Benzo(a)pyrene	1,000	1,000	ug/kg	150	U	-	-	-	-	-	-
Benzo(b)fluoranthene	1,000	1,000	ug/kg	110	U	-	-	-	-	-	-
Benzo(k)fluoranthene	1,700	800	ug/kg	110	U	-	-	-	-	-	-
Chrysene	1,000	1,000	ug/kg	110	U	-	-	-	-	-	-
Acenaphthylene	100,000	100,000	ug/kg	150	U	-	-	-	-	-	-
Anthracene	100,000	100,000	ug/kg	110	U	-	-	-	-	-	-
Benzo(ghi)perylene	100,000	100,000	ug/kg	150	U	-	-	-	-	-	-
Fluorene	100,000	30,000	ug/kg	190	U	-	-	-	-	-	-
Phenanthrene	100,000	100,000	ug/kg	110	U	-	-	-	-	-	-
Dibenzo(a,h)anthracene	330	330	ug/kg	110	U	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	500	500	ug/kg	150	U	-	-	-	-	-	-
Pyrene	100,000	100,000	ug/kg	**20**	J	-	-	-	-	-	-
Biphenyl	-	-	ug/kg	440	U	-	-	-	-	-	-
4-Chloroaniline	-	-	ug/kg	190	U	-	-	-	-	-	-
2-Nitroaniline	-	-	ug/kg	190	U	-	-	-	-	-	-
3-Nitroaniline	-	-	ug/kg	190	U	-	-	-	-	-	-
4-Nitroaniline	-	-	ug/kg	190	U	-	-	-	-	-	-
Dibenzofuran	59,000	-	ug/kg	190	U	-	-	-	-	-	-
2-Methylnaphthalene	-	-	ug/kg	230	U	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene	-	-	ug/kg	190	U	-	-	-	-	-	-
Acetophenone	-	-	ug/kg	190	U	-	-	-	-	-	-
2,4,6-Trichlorophenol	-	-	ug/kg	110	U	-	-	-	-	-	-
p-Chloro-m-cresol	-	-	ug/kg	190	U	-	-	-	-	-	-
2-Chlorophenol	-	-	ug/kg	190	U	-	-	-	-	-	-
2,4-Dichlorophenol	-	-	ug/kg	170	U	-	-	-	-	-	-
2,4-Dimethylphenol	-	-	ug/kg	190	U	-	-	-	-	-	-
2-Nitrophenol	-	-	ug/kg	410	U	-	-	-	-	-	-
4-Nitrophenol	-	-	ug/kg	270	U	-	-	-	-	-	-
2,4-Dinitrophenol	-	-	ug/kg	920	U	-	-	-	-	-	-
4,6-Dinitro-o-cresol	-	-	ug/kg	500	U	-	-	-	-	-	-
Pentachlorophenol	800	800	ug/kg	150	U	-	-	-	-	-	-
Phenol	330	330	ug/kg	**42**	J	-	-	-	-	-	-
2-Methylphenol	330	330	ug/kg	190	U	-	-	-	-	-	-
3-Methylphenol/4-Methylphenol	330	330	ug/kg	280	U	-	-	-	-	-	-
2,4,5-Trichlorophenol	-	-	ug/kg	190	U	-	-	-	-	-	-
Carbazole	-	-	ug/kg	190	U	-	-	-	-	-	-
Atrazine	-	-	ug/kg	150	U	-	-	-	-	-	-
Benzaldehyde	-	-	ug/kg	250	U	-	-	-	-	-	-
Caprolactam	-	-	ug/kg	190	U	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	-	-	ug/kg	190	U	-	-	-	-	-	-
1,4-Dioxane	100	100	ug/kg	29	U	-	-	-	-	-	-
Total Metals											
Aluminum, Total	-	-	ug/kg	**9180000**		-	-	-	-	-	-
Antimony, Total	-	-	ug/kg	4480	U	-	-	-	-	-	-
Arsenic, Total	16,000	13,000	ug/kg	**9270**		-	-	-	-	-	-
Barium, Total	400,000	350,000	ug/kg	**52300**		-	-	-	-	-	-
Beryllium, Total	47,000	7,200	ug/kg	**308**	J	-	-	-	-	-	-
Cadmium, Total	4,300	2,500	ug/kg	**199**	J	-	-	-	-	-	-
Calcium, Total	-	-	ug/kg	**15700000**		-	-	-	-	-	-
Chromium, Total	180,000	30,000	ug/kg	**10300**		-	-	-	-	-	-
Cobalt, Total	-	-	ug/kg	**6890**		-	-	-	-	-	-
Copper, Total	270,000	50,000	ug/kg	**24500**		-	-	-	-	-	-
Iron, Total	-	-	ug/kg	**15100000**		-	-	-	-	-	-
Lead, Total	400,000	63,000	ug/kg	**15200**		-	-	-	-	-	-
Magnesium, Total	-	-	ug/kg	**4670000**		-	-	-	-	-	-
Manganese, Total	2,000,000	1,600,000	ug/kg	**420000**		-	-	-	-	-	-
Mercury, Total	730	180	ug/kg	74	U	-	-	-	-	-	-
Nickel, Total	130,000	30,000	ug/kg	**15300**		-	-	-	-	-	-
Potassium, Total	-	-	ug/kg	**400000**		-	-	-	-	-	-
Selenium, Total	4,000	3,900	ug/kg	1790	U	-	-	-	-	-	-
Silver, Total	8,300	2,000	ug/kg	448	U	-	-	-	-	-	-
Sodium, Total	-	-	ug/kg	179000	U	-	-	-	-	-	-
Thallium, Total	-	-	ug/kg	1790	U	-	-	-	-	-	-
Vanadium, Total	-	-	ug/kg	**15500**		-	-	-	-	-	-
Zinc, Total	2,480,000	109,000	ug/kg	**73900**		-	-	-	-	-	-

Table 3

Import Material Sample Results Summary
RFI-32 Area CMWP
Buffalo Color Corporation Area E Site (C915232)

			IMPORT LOCATION:								
			SAMPLE ID:	**TOPSOIL-01-07012025**		**TOPSOIL-02-07012025**		**TOPSOIL-03-07012025**		**TOPSOIL-04-07012025**	
			SAMPLING DATE:	**7/1/2025**		**7/1/2025**		**7/1/2025**		**7/1/2025**	
			LAB SAMPLE ID:	**L2541671-01**		**L2541671-02**		**L2541671-03**		**L2541671-04**	
			MATERIAL:	**TOPSOIL**		**TOPSOIL**		**TOPSOIL**		**TOPSOIL**	
			COLLECTION TYPE:	**COMPOSITE**		**GRAB**		**GRAB**		**GRAB**	
Analytes	**NY-DER10-RRU (a)**	**NY-DER10-UU (b)**	**Units**								
Volatile Organics by GC/MS											
Methylene chloride	50	50	ug/kg	5.5	U	5.6	U	5.5	U	5.4	U
1,1-Dichloroethane	270	270	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
Chloroform	370	370	ug/kg	1.7	U	1.7	U	1.6	U	1.6	U
Carbon tetrachloride	760	760	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
1,2-Dichloropropane	-	-	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
Dibromochloromethane	-	-	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
1,1,2-Trichloroethane	-	-	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
Tetrachloroethene	1,300	1,300	ug/kg	0.55	U	0.56	U	0.55	U	0.54	U
Chlorobenzene	1,100	1,100	ug/kg	0.55	U	0.56	U	0.55	U	0.54	U
Trichlorofluoromethane	-	-	ug/kg	4.4	U	4.5	U	4.4	U	4.3	U
1,2-Dichloroethane	20	20	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
1,1,1-Trichloroethane	680	680	ug/kg	0.55	U	0.56	U	0.55	U	0.54	U
Bromodichloromethane	-	-	ug/kg	0.55	U	0.56	U	0.55	U	0.54	U
trans-1,3-Dichloropropene	-	-	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
cis-1,3-Dichloropropene	-	-	ug/kg	0.55	U	0.56	U	0.55	U	0.54	U
Bromoform	-	-	ug/kg	4.4	U	4.5	U	4.4	U	4.3	U
1,1,2,2-Tetrachloroethane	-	-	ug/kg	0.55	U	0.56	U	0.55	U	0.54	U
Benzene	60	60	ug/kg	0.55	U	0.56	U	0.55	U	0.54	U
Toluene	700	700	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
Ethylbenzene	1,000	1,000	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
Chloromethane	-	-	ug/kg	4.4	U	4.5	U	4.4	U	4.3	U
Bromomethane	-	-	ug/kg	2.2	U	2.2	U	2.2	U	2.2	U
Vinyl chloride	20	20	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
Chloroethane	-	-	ug/kg	2.2	U	2.2	U	2.2	U	2.2	U
1,1-Dichloroethene	330	330	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
trans-1,2-Dichloroethene	190	190	ug/kg	1.7	U	1.7	U	1.6	U	1.6	U
Trichloroethene	470	470	ug/kg	0.55	U	0.56	U	0.55	U	0.54	U
1,2-Dichlorobenzene	1,100	1,100	ug/kg	2.2	U	2.2	U	2.2	U	2.2	U
1,3-Dichlorobenzene	2,400	2,400	ug/kg	2.2	U	2.2	U	2.2	U	2.2	U
1,4-Dichlorobenzene	1,800	1,800	ug/kg	2.2	U	2.2	U	2.2	U	2.2	U
Methyl tert butyl ether	930	930	ug/kg	2.2	U	2.2	U	2.2	U	2.2	U
p/m-Xylene	1,600	260	ug/kg	2.2	U	2.2	U	2.2	U	2.2	U
o-Xylene	1,600	260	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
cis-1,2-Dichloroethene	250	250	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
Styrene	-	-	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
Dichlorodifluoromethane	-	-	ug/kg	11	U	11	U	11	U	11	U
Acetone	50	50	ug/kg	11	U	11	U	11	U	11	U
Carbon disulfide	-	-	ug/kg	11	U	11	U	11	U	11	U
2-Butanone	120	120	ug/kg	11	U	11	U	11	U	11	U
4-Methyl-2-pentanone	-	-	ug/kg	11	U	11	U	11	U	11	U
2-Hexanone	-	-	ug/kg	11	U	11	U	11	U	11	U
1,2-Dibromoethane	-	-	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
n-Butylbenzene	12,000	12,000	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
sec-Butylbenzene	11,000	11,000	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
tert-Butylbenzene	5,900	5,900	ug/kg	2.2	U	2.2	U	2.2	U	2.2	U
1,2-Dibromo-3-chloropropane	-	-	ug/kg	3.3	U	3.4	U	3.3	U	3.2	U
Isopropylbenzene	-	-	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
p-Isopropyltoluene	-	-	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
Naphthalene	12,000	12,000	ug/kg	4.4	U	4.5	U	4.4	U	4.3	U
n-Propylbenzene	3,900	3,900	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
1,2,4-Trichlorobenzene	-		ug/kg	2.2	U	2.2	U	2.2	U	2.2	U
1,3,5-Trimethylbenzene	8,400	8,400	ug/kg	2.2	U	2.2	U	2.2	U	2.2	U
1,2,4-Trimethylbenzene	3,600	3,600	ug/kg	2.2	U	2.2	U	2.2	U	2.2	U
Methyl Acetate	-	-	ug/kg	4.4	U	4.5	U	4.4	U	4.3	U
Cyclohexane	-	-	ug/kg	11	U	11	U	11	U	11	U
Freon-113	-	-	ug/kg	4.4	U	4.5	U	4.4	U	4.3	U
Methyl cyclohexane	-	-	ug/kg	4.4	U	4.5	U	4.4	U	4.3	U

Bold results indicate a detection or estimated detection.
(a) NY-DER10-RRU: New York DER-10 Restricted Residential Use Allowable Constituent Levels for Imported Fill & Soil Criteria per DER-10 Technical Guidance for Site Investigation & Remediation issued May 3, 2010. Exceedances highlighted in orange.

(b) NY-DER10-UU: New York DER-10 Unrestricted Use Allowable Constituent Levels for Imported Fill & Soil Criteria per DER-10 Technical Guidance for Site Investigation & Remediation issued May 3, 2010. Exceedances highlighted in yellow.

"-" = no comparative criteria or not analyzed; "U" = Not detected above reporting limit shown; "J" - estimated concentration. Analyte positively identified at estimated concentration between the PQL and MDL.
"ug/kg" = micrograms per kilogram

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Request to Import/Reuse Fill or Soil

This form is based on the information required by DER-10, Section 5.4(e) and 6NYCRR Part 360.13. Use of this form is not a substitute for reading the applicable regulations and Technical Guidance document.

SECTION 1 – SITE BACKGROUND

The allowable site use is: Restricted Residential Use

Have Ecological Resources been identified? no

Is this soil originating from the site? no

How many cubic yards of soil will be imported/reused? 100-200

If greater than 1000 cubic yards will be imported, enter volume to be imported:

SECTION 2 – MATERIAL OTHER THAN SOIL

Is the material to be imported gravel, rock or stone? no

Does it contain less than 10%, by weight, material that passes a size 100 sieve? no

Is this virgin material from a permitted mine or quarry? yes

Is this material recycled concrete or brick from a DEC registered processing facility? no

SECTION 3 - SAMPLING

Provide a brief description of the number and type of samples collected in the space below:

One (1) composite and three (3) discrete samples were collected from topsoil stockpile at the Gernatt Chaffee Plant located at 11860 Olean Road, Chaffee, New York. Discrete samples were collected from the stockpile and the composite sample was made up of five (5) discrete locations from the pile.

The topsoil will be used as cover material for the proposed RFI-32AR corrective measures excavation.

Example Text: 5 discrete samples were collected and analyzed for VOCs. 2 composite samples were collected and analyzed for SVOCs, Inorganics & PCBs/Pesticides.

If the material meets requirements of DER-10 section 5.4(e)5 (other material), no chemical testing needed.

SECTION 3 CONT'D - SAMPLING

Provide a brief written summary of the sampling results or attach evaluation tables (compare to DER-10, Appendix 5):

Summary table is attached. There were no exceedances of Restricted-Residential Use allowable constituent levels for imported fill or soil.

Example Text: Arsenic was detected up to 17 ppm in 1 (of 5) samples; the allowable level is 16 ppm.

If Ecological Resources have been identified use the "If Ecological Resources are Present" column in Appendix 5.

SECTION 4 – SOURCE OF FILL

Name of person providing fill and relationship to the source:

OSC - Vendor

Location where fill was obtained:

Gernatt Chaffee Plant - 11860 Olean Road, Chaffee, NY 14030

Identification of any state or local approvals as a fill source:

If no approvals are available, provide a brief history of the use of the property that is the fill source:

https://gernatt.com/product-category/topsoil/

Provide a list of supporting documentation included with this request:

Tabular summary and laboratory data report.

The information provided on this form is accurate and complete.

Todd Waldrop

Digitally signed by Todd Waldrop
DN: cn=Todd Waldrop, c=US, ou=Inventum Engineering, email=todd.waldrop@inventumeng.com
Date: 2025.07.30 11:15:36 -04'00'

Signature

07/30/25

Date

Todd Waldrop

Print Name

Inventum Engineering

Firm

Table 3

Import Material Sample Results Summary
RFI-32 Area CMWP
Buffalo Color Corporation Area E Site (C915232)

			IMPORT LOCATION:									
			SAMPLE ID:	**CLAY-01-07012025**		**CLAY-02-07012025**		**CLAY-03-07012025**		**CLAY-04-07012025**	
			SAMPLING DATE:	**7/1/2025**		**7/1/2025**		**7/1/2025**		**7/1/2025**	
			LAB SAMPLE ID:	**L2541671-05**		**L2541671-06**		**L2541671-07**		**L2541671-08**	
			MATERIAL:	**CLAY BACKFILL**		**CLAY BACKFILL**		**CLAY BACKFILL**		**CLAY BACKFILL**	
			COLLECTION TYPE:	**COMPOSITE**		**GRAB**		**GRAB**		**GRAB**	
Analytes	**NY-DER10-RRU (a)**	**NY-DER10-UU (b)**	**Units**								
Chlorinated Herbicides by GC											
2,4-D	-	-	ug/kg	200	U	-	-	-	-	-	-
2,4,5-T	-	-	ug/kg	200	U	-	-	-	-	-	-
2,4,5-TP (Silvex)	3,800	3,800	ug/kg	200	U	-	-	-	-	-	-
General Chemistry											
Solids, Total	-	-	%	**81.5**		**83.3**		**82.9**		**82.5**	
Organochlorine Pesticides by GC											
Delta-BHC	250	40	ug/kg	1.86	U	-	-	-	-	-	-
Lindane	100	100	ug/kg	0.774	U	-	-	-	-	-	-
Alpha-BHC	20	20	ug/kg	0.774	U	-	-	-	-	-	-
Beta-BHC	90	36	ug/kg	1.86	U	-	-	-	-	-	-
Heptachlor	380	42	ug/kg	0.929	U	-	-	-	-	-	-
Aldrin	97	5	ug/kg	1.86	U	-	-	-	-	-	-
Heptachlor epoxide	-	-	ug/kg	3.48	U	-	-	-	-	-	-
Endrin	60	14	ug/kg	0.774	U	-	-	-	-	-	-
Endrin aldehyde	-	-	ug/kg	2.32	U	-	-	-	-	-	-
Endrin ketone	-	-	ug/kg	1.86	U	-	-	-	-	-	-
Dieldrin	100	5	ug/kg	1.16	U	-	-	-	-	-	-
4,4'-DDE	8,900	3.3	ug/kg	1.86	U	-	-	-	-	-	-
4,4'-DDD	13,000	3.3	ug/kg	1.86	U	-	-	-	-	-	-
4,4'-DDT	7,900	3.3	ug/kg	1.86	U	-	-	-	-	-	-
Endosulfan I	24,000	2,400	ug/kg	1.86	U	-	-	-	-	-	-
Endosulfan II	24,000	2,400	ug/kg	1.86	U	-	-	-	-	-	-
Endosulfan sulfate	24,000	2,400	ug/kg	0.774	U	-	-	-	-	-	-
Methoxychlor	-	-	ug/kg	3.48	U	-	-	-	-	-	-
Toxaphene	-	-	ug/kg	34.8	U	-	-	-	-	-	-
cis-Chlordane	2,900	94	ug/kg	2.32	U	-	-	-	-	-	-
trans-Chlordane	-	-	ug/kg	2.32	U	-	-	-	-	-	-
Chlordane	-	-	ug/kg	15.5	U	-	-	-	-	-	-
Perfluorinated Alkyl Acids by EPA 1633											
Perfluorobutanoic Acid (PFBA)	-	-	ug/kg	0.799	U	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	-	-	ug/kg	0.4	U	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	-	-	ug/kg	0.799	U	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluoropentanesulfonic Acid (PFPeS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	33	0.66	ug/kg	0.2	U	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	-	-	ug/kg	0.799	U	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	44	0.88	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	-	-	ug/kg	0.799	U	-	-	-	-	-	-
Perfluorononanesulfonic Acid (PFNS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	-	-	ug/kg	0.799	U	-	-	-	-	-	-
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	-	-	ug/kg	0.799	U	-	-	-	-	-	-
Perfluorododecanesulfonic Acid (PFDoS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	-	-	ug/kg	0.799	U	-	-	-	-	-	-
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	-	-	ug/kg	0.799	U	-	-	-	-	-	-
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	-	-	ug/kg	2	U	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	-	-	ug/kg	2	U	-	-	-	-	-	-
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	-	-	ug/kg	0.4	U	-	-	-	-	-	-
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	-	-	ug/kg	0.4	U	-	-	-	-	-	-
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	-	-	ug/kg	0.4	U	-	-	-	-	-	-
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	-	-	ug/kg	0.4	U	-	-	-	-	-	-
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	-	-	ug/kg	0.999	U	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	-	-	ug/kg	5	U	-	-	-	-	-	-
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	-	-	ug/kg	5	U	-	-	-	-	-	-
Polychlorinated Biphenyls by GC											
Aroclor 1016	1,000	-	ug/kg	58	U	-	-	-	-	-	-
Aroclor 1221	1,000	-	ug/kg	58	U	-	-	-	-	-	-
Aroclor 1232	1,000	-	ug/kg	58	U	-	-	-	-	-	-
Aroclor 1242	1,000	-	ug/kg	58	U	-	-	-	-	-	-
Aroclor 1248	1,000	-	ug/kg	58	U	-	-	-	-	-	-
Aroclor 1254	1,000	-	ug/kg	58	U	-	-	-	-	-	-
Aroclor 1260	1,000	-	ug/kg	58	U	-	-	-	-	-	-
Aroclor 1262	1,000	-	ug/kg	58	U	-	-	-	-	-	-
Aroclor 1268	1,000	-	ug/kg	58	U	-	-	-	-	-	-
PCBs, Total	1,000	-	ug/kg	58	U	-	-	-	-	-	-

Table 3

Import Material Sample Results Summary
RFI-32 Area CMWP
Buffalo Color Corporation Area E Site (C915232)

			IMPORT LOCATION:									
			SAMPLE ID:	**CLAY-01-07012025**		**CLAY-02-07012025**		**CLAY-03-07012025**		**CLAY-04-07012025**	
			SAMPLING DATE:	**7/1/2025**		**7/1/2025**		**7/1/2025**		**7/1/2025**	
			LAB SAMPLE ID:	**L2541671-05**		**L2541671-06**		**L2541671-07**		**L2541671-08**	
			MATERIAL:	**CLAY BACKFILL**		**CLAY BACKFILL**		**CLAY BACKFILL**		**CLAY BACKFILL**	
			COLLECTION TYPE:	**COMPOSITE**		**GRAB**		**GRAB**		**GRAB**	
Analytes	**NY-DER10-RRU (a)**	**NY-DER10-UU (b)**	**Units**								
Semivolatile Organics by GC/MS											
Acenaphthene	98,000	20,000	ug/kg	160	U	-	-	-	-	-	-
Hexachlorobenzene	1,200	330	ug/kg	120	U	-	-	-	-	-	-
Bis(2-chloroethyl)ether	-	-	ug/kg	180	U	-	-	-	-	-	-
2-Chloronaphthalene	-	-	ug/kg	200	U	-	-	-	-	-	-
3,3'-Dichlorobenzidine	-	-	ug/kg	200	U	-	-	-	-	-	-
2,4-Dinitrotoluene	-	-	ug/kg	200	U	-	-	-	-	-	-
2,6-Dinitrotoluene	-	-	ug/kg	200	U	-	-	-	-	-	-
Fluoranthene	100,000	100,000	ug/kg	120	U	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	-	-	ug/kg	200	U	-	-	-	-	-	-
4-Bromophenyl phenyl ether	-	-	ug/kg	200	U	-	-	-	-	-	-
Bis(2-chloroisopropyl)ether	-	-	ug/kg	240	U	-	-	-	-	-	-
Bis(2-chloroethoxy)methane	-	-	ug/kg	220	U	-	-	-	-	-	-
Hexachlorobutadiene	-	-	ug/kg	200	U	-	-	-	-	-	-
Hexachlorocyclopentadiene	-	-	ug/kg	580	U	-	-	-	-	-	-
Hexachloroethane	-	-	ug/kg	160	U	-	-	-	-	-	-
Isophorone	-	-	ug/kg	180	U	-	-	-	-	-	-
Naphthalene	12,000	12,000	ug/kg	200	U	-	-	-	-	-	-
Nitrobenzene	-	-	ug/kg	180	U	-	-	-	-	-	-
NDPA/DPA	-	-	ug/kg	160	U	-	-	-	-	-	-
n-Nitrosodi-n-propylamine	-	-	ug/kg	200	U	-	-	-	-	-	-
Bis(2-ethylhexyl)phthalate	-	-	ug/kg	200	U	-	-	-	-	-	-
Butyl benzyl phthalate	-	-	ug/kg	200	U	-	-	-	-	-	-
Di-n-butylphthalate	-	-	ug/kg	200	U	-	-	-	-	-	-
Di-n-octylphthalate	-	-	ug/kg	200	U	-	-	-	-	-	-
Diethyl phthalate	-	-	ug/kg	200	U	-	-	-	-	-	-
Dimethyl phthalate	-	-	ug/kg	200	U	-	-	-	-	-	-
Benzo(a)anthracene	1,000	1,000	ug/kg	120	U	-	-	-	-	-	-
Benzo(a)pyrene	1,000	1,000	ug/kg	160	U	-	-	-	-	-	-
Benzo(b)fluoranthene	1,000	1,000	ug/kg	120	U	-	-	-	-	-	-
Benzo(k)fluoranthene	1,700	800	ug/kg	120	U	-	-	-	-	-	-
Chrysene	1,000	1,000	ug/kg	120	U	-	-	-	-	-	-
Acenaphthylene	100,000	100,000	ug/kg	160	U	-	-	-	-	-	-
Anthracene	100,000	100,000	ug/kg	120	U	-	-	-	-	-	-
Benzo(ghi)perylene	100,000	100,000	ug/kg	160	U	-	-	-	-	-	-
Fluorene	100,000	30,000	ug/kg	200	U	-	-	-	-	-	-
Phenanthrene	100,000	100,000	ug/kg	120	U	-	-	-	-	-	-
Dibenzo(a,h)anthracene	330	330	ug/kg	120	U	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	500	500	ug/kg	160	U	-	-	-	-	-	-
Pyrene	100,000	100,000	ug/kg	120	U	-	-	-	-	-	-
Biphenyl	-	-	ug/kg	460	U	-	-	-	-	-	-
4-Chloroaniline	-	-	ug/kg	200	U	-	-	-	-	-	-
2-Nitroaniline	-	-	ug/kg	200	U	-	-	-	-	-	-
3-Nitroaniline	-	-	ug/kg	200	U	-	-	-	-	-	-
4-Nitroaniline	-	-	ug/kg	200	U	-	-	-	-	-	-
Dibenzofuran	59,000	-	ug/kg	200	U	-	-	-	-	-	-
2-Methylnaphthalene	-	-	ug/kg	240	U	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene	-	-	ug/kg	200	U	-	-	-	-	-	-
Acetophenone	-	-	ug/kg	200	U	-	-	-	-	-	-
2,4,6-Trichlorophenol	-	-	ug/kg	120	U	-	-	-	-	-	-
p-Chloro-m-cresol	-	-	ug/kg	200	U	-	-	-	-	-	-
2-Chlorophenol	-	-	ug/kg	200	U	-	-	-	-	-	-
2,4-Dichlorophenol	-	-	ug/kg	180	U	-	-	-	-	-	-
2,4-Dimethylphenol	-	-	ug/kg	200	U	-	-	-	-	-	-
2-Nitrophenol	-	-	ug/kg	440	U	-	-	-	-	-	-
4-Nitrophenol	-	-	ug/kg	280	U	-	-	-	-	-	-
2,4-Dinitrophenol	-	-	ug/kg	970	U	-	-	-	-	-	-
4,6-Dinitro-o-cresol	-	-	ug/kg	520	U	-	-	-	-	-	-
Pentachlorophenol	800	800	ug/kg	160	U	-	-	-	-	-	-
Phenol	330	330	ug/kg	200	U	-	-	-	-	-	-
2-Methylphenol	330	330	ug/kg	200	U	-	-	-	-	-	-
3-Methylphenol/4-Methylphenol	330	330	ug/kg	290	U	-	-	-	-	-	-
2,4,5-Trichlorophenol	-	-	ug/kg	200	U	-	-	-	-	-	-
Carbazole	-	-	ug/kg	200	U	-	-	-	-	-	-
Atrazine	-	-	ug/kg	160	U	-	-	-	-	-	-
Benzaldehyde	-	-	ug/kg	260	U	-	-	-	-	-	-
Caprolactam	-	-	ug/kg	200	U	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	-	-	ug/kg	200	U	-	-	-	-	-	-
1,4-Dioxane	100	100	ug/kg	30	U	-	-	-	-	-	-
Total Metals											
Aluminum, Total	-	-	ug/kg	**13800000**		-	-	-	-	-	-
Antimony, Total	-	-	ug/kg	4870	U	-	-	-	-	-	-
Arsenic, Total	16,000	13,000	ug/kg	**7770**		-	-	-	-	-	-
Barium, Total	400,000	350,000	ug/kg	**108000**		-	-	-	-	-	-
Beryllium, Total	47,000	7,200	ug/kg	**524**		-	-	-	-	-	-
Cadmium, Total	4,300	2,500	ug/kg	**256**	J	-	-	-	-	-	-
Calcium, Total	-	-	ug/kg	**10300000**		-	-	-	-	-	-
Chromium, Total	180,000	30,000	ug/kg	**20600**		-	-	-	-	-	-
Cobalt, Total	-	-	ug/kg	**11200**		-	-	-	-	-	-
Copper, Total	270,000	50,000	ug/kg	**26700**		-	-	-	-	-	-
Iron, Total	-	-	ug/kg	**21000000**		-	-	-	-	-	-
Lead, Total	400,000	63,000	ug/kg	**13500**		-	-	-	-	-	-
Magnesium, Total	-	-	ug/kg	**6520000**		-	-	-	-	-	-
Manganese, Total	2,000,000	1,600,000	ug/kg	**280000**		-	-	-	-	-	-
Mercury, Total	730	180	ug/kg	79	U	-	-	-	-	-	-
Nickel, Total	130,000	30,000	ug/kg	**37300**		-	-	-	-	-	-
Potassium, Total	-	-	ug/kg	**644000**		-	-	-	-	-	-
Selenium, Total	4,000	3,900	ug/kg	1950	U	-	-	-	-	-	-
Silver, Total	8,300	2,000	ug/kg	487	U	-	-	-	-	-	-
Sodium, Total	-	-	ug/kg	195000	U	-	-	-	-	-	-
Thallium, Total	-	-	ug/kg	1950	U	-	-	-	-	-	-
Vanadium, Total	-	-	ug/kg	**22500**		-	-	-	-	-	-
Zinc, Total	2,480,000	109,000	ug/kg	**70000**		-	-	-	-	-	-

Table 3

Import Material Sample Results Summary
RFI-32 Area CMWP
Buffalo Color Corporation Area E Site (C915232)

			IMPORT LOCATION:								
			SAMPLE ID:	**CLAY-01-07012025**		**CLAY-02-07012025**		**CLAY-03-07012025**		**CLAY-04-07012025**	
			SAMPLING DATE:	**7/1/2025**		**7/1/2025**		**7/1/2025**		**7/1/2025**	
			LAB SAMPLE ID:	**L2541671-05**		**L2541671-06**		**L2541671-07**		**L2541671-08**	
			MATERIAL:	**CLAY BACKFILL**		**CLAY BACKFILL**		**CLAY BACKFILL**		**CLAY BACKFILL**	
			COLLECTION TYPE:	**COMPOSITE**		**GRAB**		**GRAB**		**GRAB**	
Analytes	**NY-DER10-RRU (a)**	**NY-DER10-UU (b)**	**Units**								
Volatile Organics by GC/MS											
Methylene chloride	50	50	ug/kg	5.6	U	5.8	U	**3**	J	6	U
1,1-Dichloroethane	270	270	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
Chloroform	370	370	ug/kg	1.7	U	1.7	U	1.7	U	1.8	U
Carbon tetrachloride	760	760	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
1,2-Dichloropropane	-	-	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
Dibromochloromethane	-	-	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
1,1,2-Trichloroethane	-	-	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
Tetrachloroethene	1,300	1,300	ug/kg	0.56	U	0.58	U	0.57	U	0.6	U
Chlorobenzene	1,100	1,100	ug/kg	0.56	U	0.58	U	0.57	U	0.6	U
Trichlorofluoromethane	-	-	ug/kg	4.5	U	4.6	U	4.6	U	4.8	U
1,2-Dichloroethane	20	20	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
1,1,1-Trichloroethane	680	680	ug/kg	0.56	U	0.58	U	0.57	U	0.6	U
Bromodichloromethane	-	-	ug/kg	0.56	U	0.58	U	0.57	U	0.6	U
trans-1,3-Dichloropropene	-	-	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
cis-1,3-Dichloropropene	-	-	ug/kg	0.56	U	0.58	U	0.57	U	0.6	U
Bromoform	-	-	ug/kg	4.5	U	4.6	U	4.6	U	4.8	U
1,1,2,2-Tetrachloroethane	-	-	ug/kg	0.56	U	0.58	U	0.57	U	0.6	U
Benzene	60	60	ug/kg	0.56	U	0.58	U	0.57	U	0.6	U
Toluene	700	700	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
Ethylbenzene	1,000	1,000	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
Chloromethane	-	-	ug/kg	4.5	U	4.6	U	4.6	U	4.8	U
Bromomethane	-	-	ug/kg	2.2	U	2.3	U	2.3	U	2.4	U
Vinyl chloride	20	20	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
Chloroethane	-	-	ug/kg	2.2	U	2.3	U	2.3	U	2.4	U
1,1-Dichloroethene	330	330	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
trans-1,2-Dichloroethene	190	190	ug/kg	1.7	U	1.7	U	1.7	U	1.8	U
Trichloroethene	470	470	ug/kg	0.56	U	0.58	U	0.57	U	0.6	U
1,2-Dichlorobenzene	1,100	1,100	ug/kg	2.2	U	2.3	U	2.3	U	2.4	U
1,3-Dichlorobenzene	2,400	2,400	ug/kg	2.2	U	2.3	U	2.3	U	2.4	U
1,4-Dichlorobenzene	1,800	1,800	ug/kg	2.2	U	2.3	U	2.3	U	2.4	U
Methyl tert butyl ether	930	930	ug/kg	2.2	U	2.3	U	2.3	U	2.4	U
p/m-Xylene	1,600	260	ug/kg	2.2	U	2.3	U	2.3	U	2.4	U
o-Xylene	1,600	260	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
cis-1,2-Dichloroethene	250	250	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
Styrene	-	-	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
Dichlorodifluoromethane	-	-	ug/kg	11	U	12	U	11	U	12	U
Acetone	50	50	ug/kg	11	U	12	U	11	U	12	U
Carbon disulfide	-	-	ug/kg	11	U	12	U	11	U	12	U
2-Butanone	120	120	ug/kg	11	U	12	U	11	U	12	U
4-Methyl-2-pentanone	-	-	ug/kg	11	U	12	U	11	U	12	U
2-Hexanone	-	-	ug/kg	11	U	12	U	11	U	12	U
1,2-Dibromoethane	-	-	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
n-Butylbenzene	12,000	12,000	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
sec-Butylbenzene	11,000	11,000	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
tert-Butylbenzene	5,900	5,900	ug/kg	2.2	U	2.3	U	2.3	U	2.4	U
1,2-Dibromo-3-chloropropane	-	-	ug/kg	3.4	U	3.4	U	3.4	U	3.6	U
Isopropylbenzene	-	-	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
p-Isopropyltoluene	-	-	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
Naphthalene	12,000	12,000	ug/kg	4.5	U	4.6	U	4.6	U	4.8	U
n-Propylbenzene	3,900	3,900	ug/kg	1.1	U	1.2	U	1.1	U	1.2	U
1,2,4-Trichlorobenzene	-		ug/kg	2.2	U	2.3	U	2.3	U	2.4	U
1,3,5-Trimethylbenzene	8,400	8,400	ug/kg	2.2	U	2.3	U	2.3	U	2.4	U
1,2,4-Trimethylbenzene	3,600	3,600	ug/kg	2.2	U	2.3	U	2.3	U	2.4	U
Methyl Acetate	-	-	ug/kg	4.5	U	4.6	U	4.6	U	4.8	U
Cyclohexane	-	-	ug/kg	11	U	12	U	11	U	12	U
Freon-113	-	-	ug/kg	4.5	U	4.6	U	4.6	U	4.8	U
Methyl cyclohexane	-	-	ug/kg	4.5	U	4.6	U	4.6	U	4.8	U

Bold results indicate a detection or estimated detection.
(a) NY-DER10-RRU: New York DER-10 Restricted Residential Use Allowable Constituent Levels for Imported Fill & Soil Criteria per DER-10 Technical Guidance for Site Investigation & Remediation issued May 3, 2010. Exceedances highlighted in orange.

(b) NY-DER10-UU: New York DER-10 Unrestricted Use Allowable Constituent Levels for Imported Fill & Soil Criteria per DER-10 Technical Guidance for Site Investigation & Remediation issued May 3, 2010. Exceedances highlighted in yellow.

"-" = no comparative criteria or not analyzed; "U" = Not detected above reporting limit shown; "J" - estimated concentration. Analyte positively identified at estimated concentration between the PQL and MDL.
"ug/kg" = micrograms per kilogram

Table 3

Import Material Sample Results Summary
RFI-32 Area CMWP
Buffalo Color Corporation Area E Site (C915232)

IMPORT LOCATION:												
SAMPLE ID:				**TOPSOIL-01-07012025**		**TOPSOIL-02-07012025**		**TOPSOIL-03-07012025**		**TOPSOIL-04-07012025**	
SAMPLING DATE:				**7/1/2025**		**7/1/2025**		**7/1/2025**		**7/1/2025**	
LAB SAMPLE ID:				**L2541671-01**		**L2541671-02**		**L2541671-03**		**L2541671-04**	
MATERIAL:				**TOPSOIL**		**TOPSOIL**		**TOPSOIL**		**TOPSOIL**	
COLLECTION TYPE:				**COMPOSITE**		**GRAB**		**GRAB**		**GRAB**	
Analytes	**NY-DER10-RRU (a)**	**NY-DER10-UU (b)**	**Units**								
Chlorinated Herbicides by GC											
2,4-D	-	-	ug/kg	189	U	-	-	-	-	-	-
2,4,5-T	-	-	ug/kg	189	U	-	-	-	-	-	-
2,4,5-TP (Silvex)	3,800	3,800	ug/kg	189	U	-	-	-	-	-	-
General Chemistry											
Solids, Total	-	-	%	**86.5**		**88.1**		**87.9**		**87.7**	
Organochlorine Pesticides by GC											
Delta-BHC	250	40	ug/kg	1.77	U	-	-	-	-	-	-
Lindane	100	100	ug/kg	0.739	U	-	-	-	-	-	-
Alpha-BHC	20	20	ug/kg	0.739	U	-	-	-	-	-	-
Beta-BHC	90	36	ug/kg	1.77	U	-	-	-	-	-	-
Heptachlor	380	42	ug/kg	0.886	U	-	-	-	-	-	-
Aldrin	97	5	ug/kg	1.77	U	-	-	-	-	-	-
Heptachlor epoxide	-	-	ug/kg	3.32	U	-	-	-	-	-	-
Endrin	60	14	ug/kg	0.739	U	-	-	-	-	-	-
Endrin aldehyde	-	-	ug/kg	2.22	U	-	-	-	-	-	-
Endrin ketone	-	-	ug/kg	1.77	U	-	-	-	-	-	-
Dieldrin	100	5	ug/kg	1.11	U	-	-	-	-	-	-
4,4'-DDE	8,900	3.3	ug/kg	1.77	U	-	-	-	-	-	-
4,4'-DDD	13,000	3.3	ug/kg	1.77	U	-	-	-	-	-	-
4,4'-DDT	7,900	3.3	ug/kg	1.77	U	-	-	-	-	-	-
Endosulfan I	24,000	2,400	ug/kg	1.77	U	-	-	-	-	-	-
Endosulfan II	24,000	2,400	ug/kg	1.77	U	-	-	-	-	-	-
Endosulfan sulfate	24,000	2,400	ug/kg	0.739	U	-	-	-	-	-	-
Methoxychlor	-	-	ug/kg	3.32	U	-	-	-	-	-	-
Toxaphene	-	-	ug/kg	33.2	U	-	-	-	-	-	-
cis-Chlordane	2,900	94	ug/kg	2.22	U	-	-	-	-	-	-
trans-Chlordane	-	-	ug/kg	2.22	U	-	-	-	-	-	-
Chlordane	-	-	ug/kg	14.8	U	-	-	-	-	-	-
Perfluorinated Alkyl Acids by EPA 1633											
Perfluorobutanoic Acid (PFBA)	-	-	ug/kg	**0.055**	J	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	-	-	ug/kg	0.4	U	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	-	-	ug/kg	0.8	U	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluoropentanesulfonic Acid (PFPeS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	-	-	ug/kg	**0.028**	J	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	33	0.66	ug/kg	**0.078**	J	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	-	-	ug/kg	0.8	U	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	-	-	ug/kg	**0.042**	J	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	44	0.88	ug/kg	**0.114**	J	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	-	-	ug/kg	0.8	U	-	-	-	-	-	-
Perfluorononanesulfonic Acid (PFNS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	-	-	ug/kg	0.8	U	-	-	-	-	-	-
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	-	-	ug/kg	0.8	U	-	-	-	-	-	-
Perfluorododecanesulfonic Acid (PFDoS)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid (9Cl-PF3ONS)	-	-	ug/kg	0.8	U	-	-	-	-	-	-
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	-	-	ug/kg	0.8	U	-	-	-	-	-	-
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	-	-	ug/kg	0.2	U	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamido Ethanol (NMeFOSE)	-	-	ug/kg	2	U	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFOSE)	-	-	ug/kg	2	U	-	-	-	-	-	-
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	-	-	ug/kg	0.4	U	-	-	-	-	-	-
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	-	-	ug/kg	0.4	U	-	-	-	-	-	-
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	-	-	ug/kg	0.4	U	-	-	-	-	-	-
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	-	-	ug/kg	0.4	U	-	-	-	-	-	-
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	-	-	ug/kg	1	U	-	-	-	-	-	-
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	-	-	ug/kg	5	U	-	-	-	-	-	-
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	-	-	ug/kg	5	U	-	-	-	-	-	-
Polychlorinated Biphenyls by GC											
Aroclor 1016	1,000	-	ug/kg	55.4	U	-	-	-	-	-	-
Aroclor 1221	1,000	-	ug/kg	55.4	U	-	-	-	-	-	-
Aroclor 1232	1,000	-	ug/kg	55.4	U	-	-	-	-	-	-
Aroclor 1242	1,000	-	ug/kg	55.4	U	-	-	-	-	-	-
Aroclor 1248	1,000	-	ug/kg	55.4	U	-	-	-	-	-	-
Aroclor 1254	1,000	-	ug/kg	55.4	U	-	-	-	-	-	-
Aroclor 1260	1,000	-	ug/kg	55.4	U	-	-	-	-	-	-
Aroclor 1262	1,000	-	ug/kg	55.4	U	-	-	-	-	-	-
Aroclor 1268	1,000	-	ug/kg	55.4	U	-	-	-	-	-	-
PCBs, Total	1,000	-	ug/kg	55.4	U	-	-	-	-	-	-

Table 3

Import Material Sample Results Summary
RFI-32 Area CMWP
Buffalo Color Corporation Area E Site (C915232)

			IMPORT LOCATION:									
			SAMPLE ID:	**TOPSOIL-01-07012025**		**TOPSOIL-02-07012025**		**TOPSOIL-03-07012025**		**TOPSOIL-04-07012025**	
			SAMPLING DATE:	**7/1/2025**		**7/1/2025**		**7/1/2025**		**7/1/2025**	
			LAB SAMPLE ID:	**L2541671-01**		**L2541671-02**		**L2541671-03**		**L2541671-04**	
			MATERIAL:	**TOPSOIL**		**TOPSOIL**		**TOPSOIL**		**TOPSOIL**	
			COLLECTION TYPE:	**COMPOSITE**		**GRAB**		**GRAB**		**GRAB**	
Analytes	**NY-DER10-RRU (a)**	**NY-DER10-UU (b)**	**Units**								
Semivolatile Organics by GC/MS											
Acenaphthene	98,000	20,000	ug/kg	150	U	-	-	-	-	-	-
Hexachlorobenzene	1,200	330	ug/kg	110	U	-	-	-	-	-	-
Bis(2-chloroethyl)ether	-	-	ug/kg	170	U	-	-	-	-	-	-
2-Chloronaphthalene	-	-	ug/kg	190	U	-	-	-	-	-	-
3,3'-Dichlorobenzidine	-	-	ug/kg	190	U	-	-	-	-	-	-
2,4-Dinitrotoluene	-	-	ug/kg	190	U	-	-	-	-	-	-
2,6-Dinitrotoluene	-	-	ug/kg	190	U	-	-	-	-	-	-
Fluoranthene	100,000	100,000	ug/kg	**26**	J	-	-	-	-	-	-
4-Chlorophenyl phenyl ether	-	-	ug/kg	190	U	-	-	-	-	-	-
4-Bromophenyl phenyl ether	-	-	ug/kg	190	U	-	-	-	-	-	-
Bis(2-chloroisopropyl)ether	-	-	ug/kg	230	U	-	-	-	-	-	-
Bis(2-chloroethoxy)methane	-	-	ug/kg	210	U	-	-	-	-	-	-
Hexachlorobutadiene	-	-	ug/kg	190	U	-	-	-	-	-	-
Hexachlorocyclopentadiene	-	-	ug/kg	550	U	-	-	-	-	-	-
Hexachloroethane	-	-	ug/kg	150	U	-	-	-	-	-	-
Isophorone	-	-	ug/kg	170	U	-	-	-	-	-	-
Naphthalene	12,000	12,000	ug/kg	190	U	-	-	-	-	-	-
Nitrobenzene	-	-	ug/kg	170	U	-	-	-	-	-	-
NDPA/DPA	-	-	ug/kg	150	U	-	-	-	-	-	-
n-Nitrosodi-n-propylamine	-	-	ug/kg	190	U	-	-	-	-	-	-
Bis(2-ethylhexyl)phthalate	-	-	ug/kg	190	U	-	-	-	-	-	-
Butyl benzyl phthalate	-	-	ug/kg	190	U	-	-	-	-	-	-
Di-n-butylphthalate	-	-	ug/kg	190	U	-	-	-	-	-	-
Di-n-octylphthalate	-	-	ug/kg	190	U	-	-	-	-	-	-
Diethyl phthalate	-	-	ug/kg	190	U	-	-	-	-	-	-
Dimethyl phthalate	-	-	ug/kg	190	U	-	-	-	-	-	-
Benzo(a)anthracene	1,000	1,000	ug/kg	110	U	-	-	-	-	-	-
Benzo(a)pyrene	1,000	1,000	ug/kg	150	U	-	-	-	-	-	-
Benzo(b)fluoranthene	1,000	1,000	ug/kg	110	U	-	-	-	-	-	-
Benzo(k)fluoranthene	1,700	800	ug/kg	110	U	-	-	-	-	-	-
Chrysene	1,000	1,000	ug/kg	110	U	-	-	-	-	-	-
Acenaphthylene	100,000	100,000	ug/kg	150	U	-	-	-	-	-	-
Anthracene	100,000	100,000	ug/kg	110	U	-	-	-	-	-	-
Benzo(ghi)perylene	100,000	100,000	ug/kg	150	U	-	-	-	-	-	-
Fluorene	100,000	30,000	ug/kg	190	U	-	-	-	-	-	-
Phenanthrene	100,000	100,000	ug/kg	110	U	-	-	-	-	-	-
Dibenzo(a,h)anthracene	330	330	ug/kg	110	U	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	500	500	ug/kg	150	U	-	-	-	-	-	-
Pyrene	100,000	100,000	ug/kg	**20**	J	-	-	-	-	-	-
Biphenyl	-	-	ug/kg	440	U	-	-	-	-	-	-
4-Chloroaniline	-	-	ug/kg	190	U	-	-	-	-	-	-
2-Nitroaniline	-	-	ug/kg	190	U	-	-	-	-	-	-
3-Nitroaniline	-	-	ug/kg	190	U	-	-	-	-	-	-
4-Nitroaniline	-	-	ug/kg	190	U	-	-	-	-	-	-
Dibenzofuran	59,000	-	ug/kg	190	U	-	-	-	-	-	-
2-Methylnaphthalene	-	-	ug/kg	230	U	-	-	-	-	-	-
1,2,4,5-Tetrachlorobenzene	-	-	ug/kg	190	U	-	-	-	-	-	-
Acetophenone	-	-	ug/kg	190	U	-	-	-	-	-	-
2,4,6-Trichlorophenol	-	-	ug/kg	110	U	-	-	-	-	-	-
p-Chloro-m-cresol	-	-	ug/kg	190	U	-	-	-	-	-	-
2-Chlorophenol	-	-	ug/kg	190	U	-	-	-	-	-	-
2,4-Dichlorophenol	-	-	ug/kg	170	U	-	-	-	-	-	-
2,4-Dimethylphenol	-	-	ug/kg	190	U	-	-	-	-	-	-
2-Nitrophenol	-	-	ug/kg	410	U	-	-	-	-	-	-
4-Nitrophenol	-	-	ug/kg	270	U	-	-	-	-	-	-
2,4-Dinitrophenol	-	-	ug/kg	920	U	-	-	-	-	-	-
4,6-Dinitro-o-cresol	-	-	ug/kg	500	U	-	-	-	-	-	-
Pentachlorophenol	800	800	ug/kg	150	U	-	-	-	-	-	-
Phenol	330	330	ug/kg	**42**	J	-	-	-	-	-	-
2-Methylphenol	330	330	ug/kg	190	U	-	-	-	-	-	-
3-Methylphenol/4-Methylphenol	330	330	ug/kg	280	U	-	-	-	-	-	-
2,4,5-Trichlorophenol	-	-	ug/kg	190	U	-	-	-	-	-	-
Carbazole	-	-	ug/kg	190	U	-	-	-	-	-	-
Atrazine	-	-	ug/kg	150	U	-	-	-	-	-	-
Benzaldehyde	-	-	ug/kg	250	U	-	-	-	-	-	-
Caprolactam	-	-	ug/kg	190	U	-	-	-	-	-	-
2,3,4,6-Tetrachlorophenol	-	-	ug/kg	190	U	-	-	-	-	-	-
1,4-Dioxane	100	100	ug/kg	29	U	-	-	-	-	-	-
Total Metals											
Aluminum, Total	-	-	ug/kg	**9180000**		-	-	-	-	-	-
Antimony, Total	-	-	ug/kg	4480	U	-	-	-	-	-	-
Arsenic, Total	16,000	13,000	ug/kg	**9270**		-	-	-	-	-	-
Barium, Total	400,000	350,000	ug/kg	**52300**		-	-	-	-	-	-
Beryllium, Total	47,000	7,200	ug/kg	**308**	J	-	-	-	-	-	-
Cadmium, Total	4,300	2,500	ug/kg	**199**	J	-	-	-	-	-	-
Calcium, Total	-	-	ug/kg	**15700000**		-	-	-	-	-	-
Chromium, Total	180,000	30,000	ug/kg	**10300**		-	-	-	-	-	-
Cobalt, Total	-	-	ug/kg	**6890**		-	-	-	-	-	-
Copper, Total	270,000	50,000	ug/kg	**24500**		-	-	-	-	-	-
Iron, Total	-	-	ug/kg	**15100000**		-	-	-	-	-	-
Lead, Total	400,000	63,000	ug/kg	**15200**		-	-	-	-	-	-
Magnesium, Total	-	-	ug/kg	**4670000**		-	-	-	-	-	-
Manganese, Total	2,000,000	1,600,000	ug/kg	**420000**		-	-	-	-	-	-
Mercury, Total	730	180	ug/kg	74	U	-	-	-	-	-	-
Nickel, Total	130,000	30,000	ug/kg	**15300**		-	-	-	-	-	-
Potassium, Total	-	-	ug/kg	**400000**		-	-	-	-	-	-
Selenium, Total	4,000	3,900	ug/kg	1790	U	-	-	-	-	-	-
Silver, Total	8,300	2,000	ug/kg	448	U	-	-	-	-	-	-
Sodium, Total	-	-	ug/kg	179000	U	-	-	-	-	-	-
Thallium, Total	-	-	ug/kg	1790	U	-	-	-	-	-	-
Vanadium, Total	-	-	ug/kg	**15500**		-	-	-	-	-	-
Zinc, Total	2,480,000	109,000	ug/kg	**73900**		-	-	-	-	-	-

Table 3

Import Material Sample Results Summary
RFI-32 Area CMWP
Buffalo Color Corporation Area E Site (C915232)

			IMPORT LOCATION:								
			SAMPLE ID:	**TOPSOIL-01-07012025**		**TOPSOIL-02-07012025**		**TOPSOIL-03-07012025**		**TOPSOIL-04-07012025**	
			SAMPLING DATE:	**7/1/2025**		**7/1/2025**		**7/1/2025**		**7/1/2025**	
			LAB SAMPLE ID:	**L2541671-01**		**L2541671-02**		**L2541671-03**		**L2541671-04**	
			MATERIAL:	**TOPSOIL**		**TOPSOIL**		**TOPSOIL**		**TOPSOIL**	
			COLLECTION TYPE:	**COMPOSITE**		**GRAB**		**GRAB**		**GRAB**	
Analytes	**NY-DER10-RRU (a)**	**NY-DER10-UU (b)**	**Units**								
Volatile Organics by GC/MS											
Methylene chloride	50	50	ug/kg	5.5	U	5.6	U	5.5	U	5.4	U
1,1-Dichloroethane	270	270	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
Chloroform	370	370	ug/kg	1.7	U	1.7	U	1.6	U	1.6	U
Carbon tetrachloride	760	760	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
1,2-Dichloropropane	-	-	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
Dibromochloromethane	-	-	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
1,1,2-Trichloroethane	-	-	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
Tetrachloroethene	1,300	1,300	ug/kg	0.55	U	0.56	U	0.55	U	0.54	U
Chlorobenzene	1,100	1,100	ug/kg	0.55	U	0.56	U	0.55	U	0.54	U
Trichlorofluoromethane	-	-	ug/kg	4.4	U	4.5	U	4.4	U	4.3	U
1,2-Dichloroethane	20	20	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
1,1,1-Trichloroethane	680	680	ug/kg	0.55	U	0.56	U	0.55	U	0.54	U
Bromodichloromethane	-	-	ug/kg	0.55	U	0.56	U	0.55	U	0.54	U
trans-1,3-Dichloropropene	-	-	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
cis-1,3-Dichloropropene	-	-	ug/kg	0.55	U	0.56	U	0.55	U	0.54	U
Bromoform	-	-	ug/kg	4.4	U	4.5	U	4.4	U	4.3	U
1,1,2,2-Tetrachloroethane	-	-	ug/kg	0.55	U	0.56	U	0.55	U	0.54	U
Benzene	60	60	ug/kg	0.55	U	0.56	U	0.55	U	0.54	U
Toluene	700	700	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
Ethylbenzene	1,000	1,000	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
Chloromethane	-	-	ug/kg	4.4	U	4.5	U	4.4	U	4.3	U
Bromomethane	-	-	ug/kg	2.2	U	2.2	U	2.2	U	2.2	U
Vinyl chloride	20	20	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
Chloroethane	-	-	ug/kg	2.2	U	2.2	U	2.2	U	2.2	U
1,1-Dichloroethene	330	330	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
trans-1,2-Dichloroethene	190	190	ug/kg	1.7	U	1.7	U	1.6	U	1.6	U
Trichloroethene	470	470	ug/kg	0.55	U	0.56	U	0.55	U	0.54	U
1,2-Dichlorobenzene	1,100	1,100	ug/kg	2.2	U	2.2	U	2.2	U	2.2	U
1,3-Dichlorobenzene	2,400	2,400	ug/kg	2.2	U	2.2	U	2.2	U	2.2	U
1,4-Dichlorobenzene	1,800	1,800	ug/kg	2.2	U	2.2	U	2.2	U	2.2	U
Methyl tert butyl ether	930	930	ug/kg	2.2	U	2.2	U	2.2	U	2.2	U
p/m-Xylene	1,600	260	ug/kg	2.2	U	2.2	U	2.2	U	2.2	U
o-Xylene	1,600	260	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
cis-1,2-Dichloroethene	250	250	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
Styrene	-	-	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
Dichlorodifluoromethane	-	-	ug/kg	11	U	11	U	11	U	11	U
Acetone	50	50	ug/kg	11	U	11	U	11	U	11	U
Carbon disulfide	-	-	ug/kg	11	U	11	U	11	U	11	U
2-Butanone	120	120	ug/kg	11	U	11	U	11	U	11	U
4-Methyl-2-pentanone	-	-	ug/kg	11	U	11	U	11	U	11	U
2-Hexanone	-	-	ug/kg	11	U	11	U	11	U	11	U
1,2-Dibromoethane	-	-	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
n-Butylbenzene	12,000	12,000	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
sec-Butylbenzene	11,000	11,000	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
tert-Butylbenzene	5,900	5,900	ug/kg	2.2	U	2.2	U	2.2	U	2.2	U
1,2-Dibromo-3-chloropropane	-	-	ug/kg	3.3	U	3.4	U	3.3	U	3.2	U
Isopropylbenzene	-	-	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
p-Isopropyltoluene	-	-	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
Naphthalene	12,000	12,000	ug/kg	4.4	U	4.5	U	4.4	U	4.3	U
n-Propylbenzene	3,900	3,900	ug/kg	1.1	U	1.1	U	1.1	U	1.1	U
1,2,4-Trichlorobenzene	-		ug/kg	2.2	U	2.2	U	2.2	U	2.2	U
1,3,5-Trimethylbenzene	8,400	8,400	ug/kg	2.2	U	2.2	U	2.2	U	2.2	U
1,2,4-Trimethylbenzene	3,600	3,600	ug/kg	2.2	U	2.2	U	2.2	U	2.2	U
Methyl Acetate	-	-	ug/kg	4.4	U	4.5	U	4.4	U	4.3	U
Cyclohexane	-	-	ug/kg	11	U	11	U	11	U	11	U
Freon-113	-	-	ug/kg	4.4	U	4.5	U	4.4	U	4.3	U
Methyl cyclohexane	-	-	ug/kg	4.4	U	4.5	U	4.4	U	4.3	U

Bold results indicate a detection or estimated detection.
(a) NY-DER10-RRU: New York DER-10 Restricted Residential Use Allowable Constituent Levels for Imported Fill & Soil Criteria per DER-10 Technical Guidance for Site Investigation & Remediation issued May 3, 2010. Exceedances highlighted in orange.

(b) NY-DER10-UU: New York DER-10 Unrestricted Use Allowable Constituent Levels for Imported Fill & Soil Criteria per DER-10 Technical Guidance for Site Investigation & Remediation issued May 3, 2010. Exceedances highlighted in yellow.

"-" = no comparative criteria or not analyzed; "U" = Not detected above reporting limit shown; "J" - estimated concentration. Analyte positively identified at estimated concentration between the PQL and MDL.
"ug/kg" = micrograms per kilogram

Appendix J – Clay and Topsoil Import Tickets

GRAVEL

CUSTOMER'S COPY

Gernatt

13870 TAYLOR HOLLOW ROAD - COLLINS, NY 14034

www.gernatt.com
OFFICE PHONE
(716) 532-3371
(716) 532-9000 FAX

Date: 12/16/25
Time: 02:31 PM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003-02 PO#:
Name: 2025 CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO
Phone: 716-856-3333 Phase: 30

Truck and Carrier Information

Truck ID: GE68 LIC:
Descript: 1998 Green Mack
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

	Gross	Tare	Net
	71560 lb	26880*lb	44680 lb
	35.780 TN	13.440*TN	22.340 TN
	32.460 Mg	12.193*Mg	20.267 Mg

* = Manual Weight

Weighmaster: SARAH WITTMEYER

PRODUCT AND LOAD TOTALS

ID: 503 7/TODAY
Name: CLAY 154.270TN
YARD: MG
Pile #:

Driver: Josh Received By: Delivered
Load Total: 44680

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB	316
LEFT JOB	324

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

GRAVEL

CUSTOMER'S COPY

Gernatt

13870 TAYLOR HOLLOW ROAD - COLLINS, NY 14034

www.gernatt.com
OFFICE PHONE
(716) 532-3371
(716) 532-9000 FAX

Ticket #: 3143246
Date: 12/16/25
Time: 12:01 PM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003.02 PO#:
Name: 2025 CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO
Phone: 716-856-3333 Phase: 30

Truck and Carrier Information

Truck ID: 0660 LIC:
Descript: 1939 Green Mack
Carrier ID: GERNAT
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

Gross	Tare	Net
70660 lb	27240*lb	43420 lb
35.330 TN	13.620*TN	21.710 TN
32.051 Mg	12.356*Mg	19.695 Mg

* = Manual Weight

Weighmaster: SARAH WITHEYER

PRODUCT AND LOAD TOTALS

ID: 503 S/TODAY
Name: CLAY 110.850TN
INFO: NO
File #:

shovel bed

Driver: Josh Received By: Delivered Load Total: 43420

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB	1256
LEFT JOB	125

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

GRAVEL

CUSTOMER'S COPY

Gernatt

13870 TAYLOR HOLLOW ROAD - COLLINS, NY 14034

www.gernatt.com
OFFICE PHONE
(716) 532-3371
(716) 532-9000 FAX

Ticket #: 3143249
Date: 12/16/25
Time: 09:49 AM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003-02 PO#:
Name: 2025 CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO
Phone: 716-856-3333 Phase: 30

Truck and Carrier Information

Truck ID: GE66 LIC:
Descript: 1998 Green Mack
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

Gross	Tare	Net
70120 lb	27240*lb	42880 lb
35.060 TN	13.620*TN	21.440 TN
31.806 Mg	12.356*Mg	19.450 Mg

* = Manual Weight

Weighmaster: SARAH UTTINGER

PRODUCT AND LOAD TOTALS

ID:	503	3/TODAY
Name:	CLAY	65.780TH
IMF#:		MG
Pile #:		

Driver: Josh

Received By: _____

Delivered Load Total: 42880

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV JOB 042
LEFT JOB 057

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

SPRINGVILLE
GRAVEL

CUSTOMER'S COPY

Gernatt

13870 TAYLOR HOLLOW ROAD - COLLINS, NY 14034

www.gernatt.com
OFFICE PHONE
(716) 532-3371
(716) 532-9000 FAX

Ticket #: 3143235
Date: 12/16/25
Time: 07:40 AM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003.02 PO#:
Name: 2025 CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO
Phone: 716 856 3333 Phase: 30

Truck and Carrier Information

Truck ID: GE68 LIC:
Descript: 1998 Green Mack
Carrier ID: GERAY
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

	Gross	Tare	Net
	69920 lb	27240*lb	42680 lb
	34.960 TN	13.620*TN	21.340 TN
	31.716 Mg	12.356*Mg	19.360 Mg

* = Manual Weight

Weighmaster: SARAH DITTMEYER

PRODUCT AND LOAD TOTALS

ID: 503
Name: CLAY
MFR#:
Pile #:

1/TODAY
21.340TN
MG

Driver: JOSH

Received By:

Delivered
Load Total: 42680

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB 846
LEFT JOB 952

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

SPRINGVILLE GRAVEL

CUSTOMER'S COPY

Gernatt

13870 TAYLOR HOLLOW ROAD - COLLINS, NY 14034

www.gernatt.com
OFFICE PHONE
(716) 532-3371
(716) 532-9000 FAX: 3143237
Date: 12/16/25
Time: 08:03 AM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003-02 PO#:
Name: 2020 CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO
Phone: 716-856-3333 Phase: 30

Truck and Carrier Information

Truck ID: GE93 LIC:
Descript: GERNATT
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

	Gross	Tare	Net
	73780 lb	27380*lb	46400 lb
	36.890 TN	13.690*TN	23.200 TN
	33.466 Mg	12.419*Mg	21.047 Mg

* = Manual Weight

Weighmaster: SARAH DITTMEYER

PRODUCT AND LOAD TOTALS

ID: 503 2/TODAY
Name: CLAY 44.540TH
JMF#: MG
Pile #:

Driver: Greg Received By: Delivered
Load Total: 46400

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB 845
LEFT JOB 855

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

SPRINGVILLE GRAVEL

CUSTOMER'S COPY

Gernatt

13870 TAYLOR HOLLOW ROAD - COLLINS, NY 14034

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OFFICE PHONE
(716) 532-3371
(716) 532-9000 FAX

Ticket #: 3143242
Date: 12/16/25
Time: 09:58 AM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003 02 PO#:
Name: 2025 CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO
Phone: 716 856 3333 Phase: 30

Truck and Carrier Information

Truck ID: GE93 LIC:
Descript: GERNATT
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

	Gross	Tare	Net
	72060 lb	27380*lb	44680 lb
	36.030 TN	13.690*TN	22.340 TN
	32.686 Mg	12.419*Mg	20.267 Mg

* = Manual Weight

Weighmaster: SARAH WITTMEYER

PRODUCT AND LOAD TOTALS

	4/TODAY
ID: 503	
Name: CLAY	88.320TN
JMF#:	MG
Pile #:	

Driver: Corey Received By: Delivered Load Total: 44680

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB 1040
LEFT JOB 1105

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

SPRINGVILLE GRAVEL

CUSTOMER'S COPY

Gernatt

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OFFICE PHONE
(716) 532-3371
(716) 532-9000 FAX

3143247
Date: 12/16/25
Time: 12:16 PM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003-02 PO#:
Name: 2025 CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO
,
Phone: 716 856 3333 Phase: 30

Truck and Carrier Information

Truck ID: GE93 LIC:
Descript: GERNATT
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

	Gross	Tare	Net
	71140 lb	27340*lb	43800 lb
	35.570 TN	13.670*TN	21.900 TN
	32.269 Mg	12.401*Mg	19.868 Mg

* = Manual Weight

Weighmaster: SARAH WITTMEYER

PRODUCT AND LOAD TOTALS

ID: 503
Name: CLAY
JMF#:
Pile #:

6/TODAY
31.930TN
MG

Driver: Cary

Received By: _____

Delivered
Load Total: 43800

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB 1255
LEFT JOB 125

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

SPRINGVILLE
GRAVEL

CUSTOMER'S COPY

Gernatt

13870 TAYLOR HOLLOW ROAD - COLLINS, NY 14034

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OFFICE PHONE
(716) 532-3371
(716) 532-9000 FAX

Ticket: 3143354
Date: 12/16/25
Time: 02:33 PM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003-02 PO#:
Name: 2025 CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO

Phone: 716 856 3333 Phase: 30

Truck and Carrier Information

Truck ID: GE93 LIC:
Descript: GERNATT
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

	Gross	Tare	Net
	74140 lb	27340*lb	46800 lb
	37.070 TN	13.670*TN	23.400 TN
	33.629 Mg	12.401*Mg	21.228 Mg

* = Manual Weight

Weighmaster: SARAH WITTMEYER

PRODUCT AND LOAD TOTALS

		B/TODAY
ID:	503	
Name:	CLAY	37.670TH
JMF#:		NO
Pile #:		

Driver: Clay Received By: _____ Delivered Load Total: 46800

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB 320
LEFT JOB 330

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

SPRINGVILLE GRAVEL

CUSTOMER'S COPY

Gernatt

13870 TAYLOR HOLLOW ROAD - COLLINS, NY 14034

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OFFICE PHONE
(716) 532-3371
(716) 532-9000 FAX :

3143259
Date: 12/17/25
Time: 07:38 AM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003-02 POR:
Name: 2NS CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO
Phone: 716 856-3333 Phase: 30

Truck and Carrier Information

Truck ID: 6669 LIC:
Descript: 1998 Green Mack
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

Gross	Tare	Net
69260 lb	27240*lb	42020 lb
34.630 TN	13.620*TN	21.010 TN
31.416 Mg	12.356*Mg	19.060 Mg

* = Manual Weight

Weighmaster: SARAH UTTMEYER

PRODUCT AND LOAD TOTALS

ID:	503	1/TODAY
Name:	CLAY	21.010TN
IMF#:		MG
Pile #:		

Driver: Josh Received By: _____ Delivered Load Total: 42020

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB 12:45
LEFT JOB 1330

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

SPRINGVILLE GRAVEL

CUSTOMER'S COPY

Gernatt

13870 TAYLOR HOLLOW ROAD - COLLINS, NY 14034

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OFFICE PHONE
(716) 532-3371
(716) 532-9000 FAX #: 3143260
Date: 12/17/20
Time: 07:42 AM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003.02 PO#:
Name: 20#'s CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO
Phone: 716 856 3333 Plant: 30

Truck and Carrier Information

Truck ID: GE93 LIC:
Descript: GERNATT
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

	Gross	Tare	Net
	69620 lb	27640*lb	41980 lb
	34.810 TN	13.820*TN	20.990 TN
	31.579 Mg	12.537*Mg	19.042 Mg

* = Manual Weight

Weighmaster: SARAH WITMEYER

PRODUCT AND LOAD TOTALS

ID: 503
Name: CLAY
JMF#:
Pile #:

2/TODAY
42.000TN
MG

Driver: Corey Received By: Delivered Load Total: 41980

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV JOB 825
LEFT JOB 830

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

SPRINGVILLE GRAVEL

CUSTOMER'S COPY

Gernatt

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OFFICE PHONE
(716) 532-3371
(716) 532-9000 FAX

3143263
Date: 12/17/25
Time: 09:34 AM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003 02 PO#:
Name: 2025 CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO
Phone: 716 856 3333 Phase: 30

Truck and Carrier Information

Truck ID: GE68 LIC:
Descript: 1998 Green Mack
Carrier ID:GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

	Gross	Tare	Net
	71120 lb	26880*lb	44240 lb
	35.560 TN	13.440*TN	22.120 TN
	32.260 Mg	12.193*Mg	20.067 Mg

* = Manual Weight

Weighmaster: SARAH UITTMEYER

PRODUCT AND LOAD TOTALS

ID: 503 3/TODAY
Name: CLAY 64.120TN
JMF#: MG
Pile #:

Driver: Josh Received By: Delivered
Load Total: 44240

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB 1019
LEFT JOB

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

SPRINGVILLE GRAVEL

CUSTOMER'S COPY

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OFFICE PHONE
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(716) 532-9000 FAX#

3143264
Date: 12/17/25
Time: 09:36 AM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003 02 PO#:
Name: 2025 CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO
Phone: 716 856-3333 Phase: 30

Truck and Carrier Information

Truck ID: GE93 LIC:
Descript: GERNATT
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

	Gross	Tare	Net
	71480 lb	27640*lb	43840 lb
	35.740 TN	13.820*TN	21.920 TN
	32.423 Mg	12.537*Mg	19.886 Mg

* = Manual Weight

Weighmaster: SARAH WITTMEYER

PRODUCT AND LOAD TOTALS

ID: 503 4/TODAY
Name: CLAY 86.040TN
JMF#: MG
Pile #:

Driver: Clay Received By: Delivered
Load Total: 43840

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV JOB 1020
LEFT JOB 1030

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

SPRINGVILLE
GRAVEL

13870 TAYLOR HOLLOW ROAD - COLLINS, NY 14034

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www.gernatt.com
OFFICE PHONE
(716) 532-3371
(716) 532-9001 FAX

Ticket #: 3143301
Date: 12/18/25
Time: 01:06 PM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003-02 PO#:
Name: 2025 CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO
,
Phone: 716-856-3333 Phase: 30

Truck and Carrier Information

Truck ID: GE39 LIC:
Descript: GREEN MACK
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

Gross	Tare	Net
68240 lb	27700*lb	40540 lb
34.120 TN	13.850*TN	20.270 TN
30.954 Mg	12.565*Mg	18.389 Mg

* = Manual Weight

Weighmaster: SARAH WITTMEYER

PRODUCT AND LOAD TOTALS

ID:	Name:	1/TODAY
503	CLAY	20.270TN
		MG

JMF#:
Pile #:

Driver: _____ Received By: _____ Delivered Load Total: 40540

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV
JOB
LEFT
JOB

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

SPRINGVILLE GRAVEL

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OFFICE PHONE

(716) 532-3371

(716) 532-5606 FAX

Ticket #: 3143302

Date: 12/18/25

Time: 01:10 PM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003-02 PO#:
Name: 2025 CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO
,
Phone: 716-856-3333 Phase: 30

Truck and Carrier Information

Truck ID: GE71 LIC:
Descript: GERNATT
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

Gross	Tare	Net
67960 lb	27100 lb	40860 lb
33.980 TN	13.550 TN	20.430 TN
30.826 Mg	12.292 Mg	18.534 Mg

Weighmaster: SARAH WITTMEYER

PRODUCT AND LOAD TOTALS

ID: 503
Name: CLAY
JMF#:
Pile #:

	2/TODAY
	40.700TN
	MG

Driver: Steve Received By: _____ Delivered Load Total: 40860

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB
LEFT JOB

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

SPRINGVILLE GRAVEL

Gernatt

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OFFICE PHONE
(716) 532-3371
(716) 532-0108 FAX

Ticket #: 3143305
Date: 12/18/25
Time: 01:49 PM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003-02 PO#:
Name: 2025 CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO
,
Phone: 716-856-3333 Phase: 30

Truck and Carrier Information

Truck ID: GE35 LIC:
Descript: GERNATT TRUCK
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

Gross	Tare	Net
67740 lb	26820 lb	40920 lb
33.870 TN	13.410 TN	20.460 TN
30.726 Mg	12.165 Mg	18.561 Mg

Weighmaster: SARAH WITTMEYER

PRODUCT AND LOAD TOTALS

	3/TODAY
ID: 503	
Name: CLAY	61.160TN
	MG
JMF#:	
Pile #:	

Driver: Luke Received By: _____ Delivered Load Total: 40920

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB
LEFT JOB

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

SPRINGVILLE GRAVEL

Gernatt

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(716) 532-9000 FAX

& Save only

3143420

Date: 01/06/26

Time: 07:18 AM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003

Name: ONTARIO SPECIALTY CONTRACTIN

Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003-02 PO#:

Name: 2025 CLAY & TOPSOIL

Address: 140 LEE STREET, BUFFALO

Phone: 716-856-3333 Phase: 30

Truck and Carrier Information

Truck ID: GE00 LIC: 72

Descript: MISC.

Carrier ID: GER07

Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

Gross	Tare	Net
27000*lb	27000*lb	0 lb
13.500*TN	13.500*TN	0.000 TN
12.247*Mg	12.247*Mg	0.000 Mg

* = Manual Weight

Weighmaster: SARAH WITTMEYER

PRODUCT AND LOAD TOTALS

	1/TODAY
ID: 503	
Name: CLAY	0.000TN
JMF#:	MG
Pile #:	

21.76

Driver: Chet Received By: _____ Delivered Load Total: 0

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB

LEFT JOB

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

SPRINGVILLE
GRAVEL

13870 TAYLOR HOLLOW ROAD - COLLINS, NY 14034

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OFFICE PHONE
(716) 532-3371
(716) 532-9000 FAX

Save only

Ticket #: 3143421
Date: 01/06/26
Time: 07:18 AM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003-02 PO#:
Name: 2025 CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO
,
Phone: 716-856-3333 Phase: 30

Truck and Carrier Information

Truck ID: GE00 LIC:
Descript: MISC. 72
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

Gross	Tare	Net
27000*lb	27000*lb	0 lb
13.500*TN	13.500*TN	0.000 TN
12.247*Mg	12.247*Mg	0.000 Mg

* = Manual Weight

Weighmaster: SARAH WITTMEYER

PRODUCT AND LOAD TOTALS

	2/TODAY
ID: 503	
Name: CLAY	0.000TN
JMF#:	MG
Pile #:	

22.47

Driver: Chet Received By: Delivered Load Total: 0

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB
LEFT JOB

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

SPRINGVILLE GRAVEL

Gernatt

13870 TAYLOR HOLLOW ROAD - COLLINS, NY 14034

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OFFICE PHONE

(716) 532-3371

(716) 532-3373 FAX

Ticket #: 3143422

Date: 01/06/26

Time: 08:41 AM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003-02 PO#:
Name: 2025 CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO
,
Phone: 716-856-3333 Phase: 30

Truck and Carrier Information

Truck ID: GE67 LIC:
Descript: 1998 Green Mack
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

Gross	Tare	Net
69600 lb	27540*lb	42060 lb
34.800 TN	13.770*TN	21.030 TN
31.570 Mg	12.492*Mg	19.078 Mg

* = Manual Weight

Weighmaster: SARAH WITTMEYER

PRODUCT AND LOAD TOTALS

ID:	Name:	JMF#:	Pile #:	3/TODAY
503	CLAY			21.030TN MG

Driver: _____ Received By: _____

Delivered
Load Total: 42060

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB
LEFT JOB

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

SPRINGVILLE GRAVEL

Gernatt

13870 TAYLOR HOLLOW ROAD - COLLINS, NY 14034

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www.gernatt.com
OFFICE PHONE
(716) 532-3371
(716) 532-9001 FAX

Ticket #: 3143428
Date: 01/06/26
Time: 10:34 AM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003-02 PO#:
Name: 2025 CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO
,
Phone: 716-856-3333 Phase: 30

Truck and Carrier Information

Truck ID: GE67 LIC:
Descript: 1998 Green Mack
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

Gross	Tare	Net
70320 lb	27540*lb	42780 lb
35.160 TN	13.770*TN	21.390 TN
31.897 Mg	12.492*Mg	19.405 Mg

* = Manual Weight

Weighmaster: SARAH WITTMEYER

PRODUCT AND LOAD TOTALS

ID: 503
Name: CLAY
JMF#:
Pile #:

4/TODAY
64.180TN
MG

Driver: _____ Received By: _____

Delivered
Load Total: 42780

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB
LEFT JOB

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

SPRINGVILLE
GRAVEL

Gernatt

13870 TAYLOR HOLLOW ROAD - COLLINS, NY 14034

INSPECTOR'S COPY
www.gernatt.com
OFFICE PHONE
(716) 532-3371
(716) 532-9801 FAX

Ticket#: 3143431
Date: 01/06/26
Time: 12:18 PM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003-02 PO#:
Name: 2025 CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO
Phone: 716-856-3333 Phase: 30

Truck and Carrier Information

Truck ID: GE67 LIC:
Descript: 1998 Green Mack
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

Gross	Tare	Net
69200 lb	27540*lb	41660 lb
34.600 TN	13.770*TN	20.830 TN
31.389 Mg	12.492*Mg	18.897 Mg

Weighmaster: SARAH WITTMEYER

* = Manual Weight

PRODUCT AND LOAD TOTALS

ID: 503
Name: CLAY
JMF#:
Pile #:

5/TODAY
107.480TN
MG

Driver: [signature] Received By: _____ Delivered Load Total: 41660

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB
LEFT JOB

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

SPRINGVILLE
GRAVEL

13870 TAYLOR HOLLOW ROAD - COLLINS, NY 14034

INSPECTOR'S COPY
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(716) 532-3371
(716) 532-3371 FAX

Ticket#: 3143434
Date: 01/06/26
Time: 02:13 PM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003-02 PO#:
Name: 2025 CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO
,
Phone: 716-856-3333 Phase: 30

Truck and Carrier Information

Truck ID: GE67 LIC:
Descript: 1998 Green Mack
Carrier ID:GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

Gross	Tare	Net
72420 lb	27540*lb	44880 lb
36.210 TN	13.770*TN	22.440 TN
32.849 Mg	12.492*Mg	20.357 Mg

* = Manual Weight

Weighmaster: SARAH WITTMEYER

PRODUCT AND LOAD TOTALS

ID: 503
Name: CLAY
JMF#:
Pile #:

	6/TODAY
	129.920TN
	MG

Driver: _____ Received By: _____ Delivered
Load Total: 44880

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB	
LEFT JOB	

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

SPRINGVILLE GRAVEL

Gernatt

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(716) 532-9000 FAX

Ticket #: 3143197
Date: 12/15/25
Time: 07:52 AM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003 WS POH:
Name: 2025 CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO
Phone: 716 856 3333 Phase: 30

Truck and Carrier Information

Truck ID: DE68 LIC:
Descript: 1998 Green Mack
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

Gross	Tare	Net
72140 lb	27000* lb	45140 lb
36.070 TN	13.500* TN	22.570 TN
32.722 Mg	12.247* Mg	20.475 Mg

* = Manual Weight

Weighmaster: SARAH UTTMEYER

PRODUCT AND LOAD TOTALS

ID:	503	1/TODAY
Name:	CLAY	22.570TN
JMFH:		MG
Pile #:		

Wait for digout trucks to get loaded for room to dump

Driver: Josh Received By: Delivered Load Total: 45140

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB 834
LEFT JOB 943

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

SPRINGVILLE GRAVEL

Gernatt

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OFFICE PHONE
(716) 532-3371
(716) 532-9000 FAX

Ticket #: 3143188
Date: 12/15/23
Time: 08:07 AM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003-02 PO#:
Name: 2025 CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO
Phone: 716 856-3333 Phase: 30

Truck and Carrier Information

Truck ID: GE93 LIC:
Descript: GERNATT
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

Gross	Tare	Net
71620 lb	27660*lb	43960 lb
35.810 TN	13.830*TN	21.980 TN
32.486 Mg	12.546*Mg	19.940 Mg

* = Manual Weight

Weighmaster: SARAH WITTMEYER

PRODUCT AND LOAD TOTALS

		2/TODAY
ID:	503	
Name:	CLAY	44.580TN
JMF#:		MG
Pile #:		

Driver: Cary Received By: Delivered Load Total: 43960

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB	850
LEFT JOB	945

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

SPRINGVILLE GRAVEL

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OFFICE PHONE
(716) 532-3371
(716) 532-9000 FAX

Ticket #: 3143190
Date: 12/15/25
Time: 09:17 AM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003-02 PO#:
Name: 2025 CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO

Phone: 716 856 3333 Phase: 30

Truck and Carrier Information

Truck ID: GE38 LIC:
Descript: GREEN MACK
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

	Gross	Tare	Net
	73220 lb	28920*lb	44300 lb
	36.610 TN	14.460*TN	22.150 TN
	33.212 Mg	13.118*Mg	20.094 Mg

* = Manual Weight

Weighmaster: SARAH HITMEYER

PRODUCT AND LOAD TOTALS

	3/TODAY
ID: 503	
Name: CLAY	66.700TN
IMF#:	MG
Pile #:	

Driver: _____ Received By: _____ Delivered Load Totals: 44300

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV JOB 10:01
LEFT JOB 10:20

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

SPRINGVILLE GRAVEL

Gernatt

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CUSTOMER'S COPY

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OFFICE PHONE
(716) 532-3371
(716) 532-9000 FAX

Ticket #: 3143192
Date: 12/15/25
Time: 10:41 AM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003.02 PO#:
Name: 2025 CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO
Phone: 716 854 3353 Phase: 30

Truck and Carrier Information

Truck ID: GE68 LIC:
Descript: 1998 Green Mack
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

	Gross	Tare	Net
	71500 lb	27340*lb	44160 lb
	35.750 TN	13.670*TN	22.080 TN
	32.432 Mg	12.401*Mg	20.031 Mg

* = Manual Weight

Weighmaster: SARAH WITTMEYER

PRODUCT AND LOAD TOTALS

ID: 503
Name: CLAY
JMF#:
File #:

4/TODAY
80.720TN
MG

Driver: Josh

Received By:

Delivered Load Total: 44160

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB 1125
LEFT JOB 1155

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

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Gernatt

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(716) 532-9000 FAX

Ticket #: 3143193
Date: 12/15/25
Time: 10:43 AM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003 02 PO#:
Name: 2025 CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO
Phone: 716 856 3333 Phase: 30

Truck and Carrier Information

Truck ID: GE93 LIC:
Descript: GERNATT
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

	Gross	Tare	Net
	71320 lb	27660*lb	43660 lb
	35.660 TN	13.830*TN	21.830 TN
	32.350 Mg	12.546*Mg	19.804 Mg

* = Manual Weight

Weighmaster: SARAH UITTMEYER

PRODUCT AND LOAD TOTALS

ID: 503 S/TODAY
Name: CLAY 110.610TN
JMF#: MG
Pile #:

Driver: Cory Received By: Delivered Load Total: 43660

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB 1125
LEFT JOB 1155

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

SPRINGVILLE GRAVEL

13870 TAYLOR HOLLOW ROAD - COLLINS, NY 14034

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(716) 532-3371

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Ticket #: 3143195

Date: 12/15/25

Time: 11:37 AM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003

Name: ONTARIO SPECIALTY CONTRACTIN

Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003-02 PO#:

Name: 2025 CLAY & TOPSOIL

Address: 140 LEE STREET, BUFFALO

Phone: 716-856-3333 Phase: 30

Truck and Carrier Information

Truck ID: GE30 LIC:

Descript: GREEN MACK

Carrier ID: GER07

Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

	Gross	Tare	Net
	73620 lb	28920*lb	44700 lb
	36.810 TN	14.460*TN	22.350 TN
	33.394 Mg	13.118*Mg	20.276 Mg

* = Manual Weight

Weighmaster: SARAH WITTMEYER

PRODUCT AND LOAD TOTALS

	6/TODAY
ID: 503	
Name: CLAY	132.960TN
JMF#:	MG
Pile #:	

Driver: _____ Received By: _____ Delivered Load Total: 44700

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB

LEFT JOB

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

SPRINGVILLE
GRAVEL

13870 TAYLOR HOLLOW ROAD - COLLINS, NY 14034

CUSTOMER'S COPY
www.gernatt.com
OFFICE PHONE
(716) 532-3371
(716) 532-9000 FAX

Ticket #: 3143199
Date: 12/15/25
Time: 01:07 PM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003.02 PO#:
Name: 2025 CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO
Phone: 716 856 3333 Phase: 30

Truck and Carrier Information

Truck ID: GE68 LIC:
Descript: 1998 Green Mack
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

	Gross	Tare	Net
	71020 lb	27020*lb	44000 lb
	35.510 TN	13.510*TN	22.000 TN
	32.214 Mg	12.256*Mg	19.958 Mg

* = Manual Weight

Weighmaster: SARAH UITTMEYER

PRODUCT AND LOAD TOTALS

ID:	503	7/TODAY
Name:	CLAY	154.960TN
JMF#:		MG
Pile #:		

Driver: Josh Received By: Delivered Load Total: 44000

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) (S1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV JOB 2:17
LEFT JOB 2:25

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

SPRINGVILLE GRAVEL

Gernatt

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CUSTOMER'S COPY

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OFFICE PHONE
(716) 532-3371
(716) 532-9000 FAX

Ticket #: 3143200
Date: 12/15/25
Time: 01:09 PM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2002
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2002-02 PO#:
Name: 2025 CLAY & TOPSOIL
Address: 140 LEE STREET, BUFFALO
Phone: 716 856-3333 Phase: 30

Truck and Carrier Information

Truck ID: GE23 LIC:
Descript: GERNATT
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

Gross	Tare	Net
71080 lb	27660*lb	43420 lb
35.540 TN	13.830*TN	21.710 TN
32.241 Mg	12.546*Mg	19.695 Mg

* = Manual Weight

Weighmaster: SARAH WITTMEYER

PRODUCT AND LOAD TOTALS

ID:	503	8/TODAY
Name:	CLAY	176.670TN
JMF#:		MG
Pile #:		

Driver: Cmy Received By: _____ Delivered Load Total: 43420

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV JOB 2:18
LEFT JOB

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

GABEL, THOMAS CHOFFEE
496-5111

CUSTOMER'S COPY

Gernatt

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OFFICE PHONE
(716) 532-3371
(716) 532-9000 FAX

Ticket #: 5097413
Date: 08/19/25
Time: 10:49 AM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003-02 PO#:
Name: 2025 CLAY & TOPSOIL
Address: 1037 SOUTH PARK AVE, BUFFALO
Phone: 716-480-3282 Phase: 50

Truck and Carrier Information

Truck ID: GE81 LIC:
Descript: GE81
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

	Gross	Tare	Net
	72020 lb	27140 lb	44880 lb
	36.010 TN	13.570 TN	22.440 TN
	32.660 Mg	12.311 Mg	20.357 Mg

Weighmaster: Celeste McCormick

PRODUCT AND LOAD TOTALS

		2/TODAY
ID:	1A1	
Name:	SCREENED TOPSOIL	45.030TN
JMF#:		MG
Pile #:		

Driver: _____ Received By: _____ Delivered Load Total: 44880

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB
LEFT JOB

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

GABEL THOMAS
496-5111

CUSTOMER'S COPY

Gernatt
13870 TAYLOR HOLLOW ROAD - COLLINS, NY 14034

www.gernatt.com
OFFICE PHONE
(716) 532-3371
(716) 532-9000 FAX

Ticket #: 5097425
Date: 08/19/25
Time: 12:36 PM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2002
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003-02 PO#:
Name: 2025 CLAY & TOPSOIL
Address: 1037 SOUTH PARK AVE, BUFFALO
Phone: 716-480-3282 Phase: 50

Truck and Carrier Information

Truck ID: GE81 LIC:
Descript: GE81
Carrier ID: GER07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

	Gross	Tare	Net
	71160 lb	27140 lb	44020 lb
	35.580 TN	13.570 TN	22.010 TN
	32.278 Mg	12.311 Mg	19.967 Mg

Weighmaster: Celeste McCormick

PRODUCT AND LOAD TOTALS

ID:	481	3/TODAY
Name:	SCRLENED TOPSOIL	67.840TN
JMF#:		MG
File #:		

Driver: _____ Received By: _____ Delivered Load Total: 44020

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB	
LEFT JOB	

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

GABEL THOMAS 496-5111

13870 TAYLOR HOLLOW ROAD - COLLINS, NY 14034

CUSTOMER'S COPY

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OFFICE PHONE
(716) 532-3371
(716) 532-9000 FAX

Ticket #: 5097404
Date: 08/19/25
Time: 08:51 AM

*** Delivery ***

CUSTOMER INFORMATION

ID: 2003
Name: ONTARIO SPECIALTY CONTRACTIN
Address: 140 LEE STREET
BUFFALO, NY 14210

JOB INFORMATION

ID: 2003-02 PO#:
Name: 2025 CLAY & TOPSOIL
Address: 1037 SOUTH PARK AVE, BUFFALO
Phone: 716-480-3202 Phase: 50

Truck and Carrier Information

Truck ID: GEA1 LIC:
Descript: GEA1
Carrier ID: GEP07
Name: GERNATT ASPHALT PRODUCTS,

Truck Weights

	Gross	Tare	Net
	73920 lb	27140 lb	46780 lb
	36.960 TN	13.570 TN	23.390 TN
	33.530 Mg	12.311 Mg	21.219 Mg

Weighmaster: Celeste McCormick

PRODUCT AND LOAD TOTALS

ID: 701 1/TODAY
Name: SCREENED TOPSOIL 23.390TN
JMF#: MG
Pile #:

Driver: Lewis Received By: _____ Delivered Load Total: 46780

A FINANCE CHARGE OF 1½% PER MONTH (18% PER ANNUAL) ($1.00 Minimum Service Fee) will be charged on amounts not paid within normal terms. Acceptance of delivery constitutes acceptance of these terms.

Our trucking responsibility ends at the curb. A charge will be made for holding truck on the job for over 20 minutes.

ARV. JOB
LEFT JOB

WARNING: Hot mix asphalt may release hydrogen sulfide (H_2S) which can be toxic in large concentrations. Avoid breathing fumes unnecessarily. Contact with hot asphalt can produce burns. Avoid contact with skin.

Appendix K – New Monitoring Well Construction Logs

PROJECT NO.: SOUTH BUFFALO AREA E
WELL NO.: MW-BCP-01
INSTALLATION DEPTH: 16.00'
INSTALLATION DATE: 02/02/2026

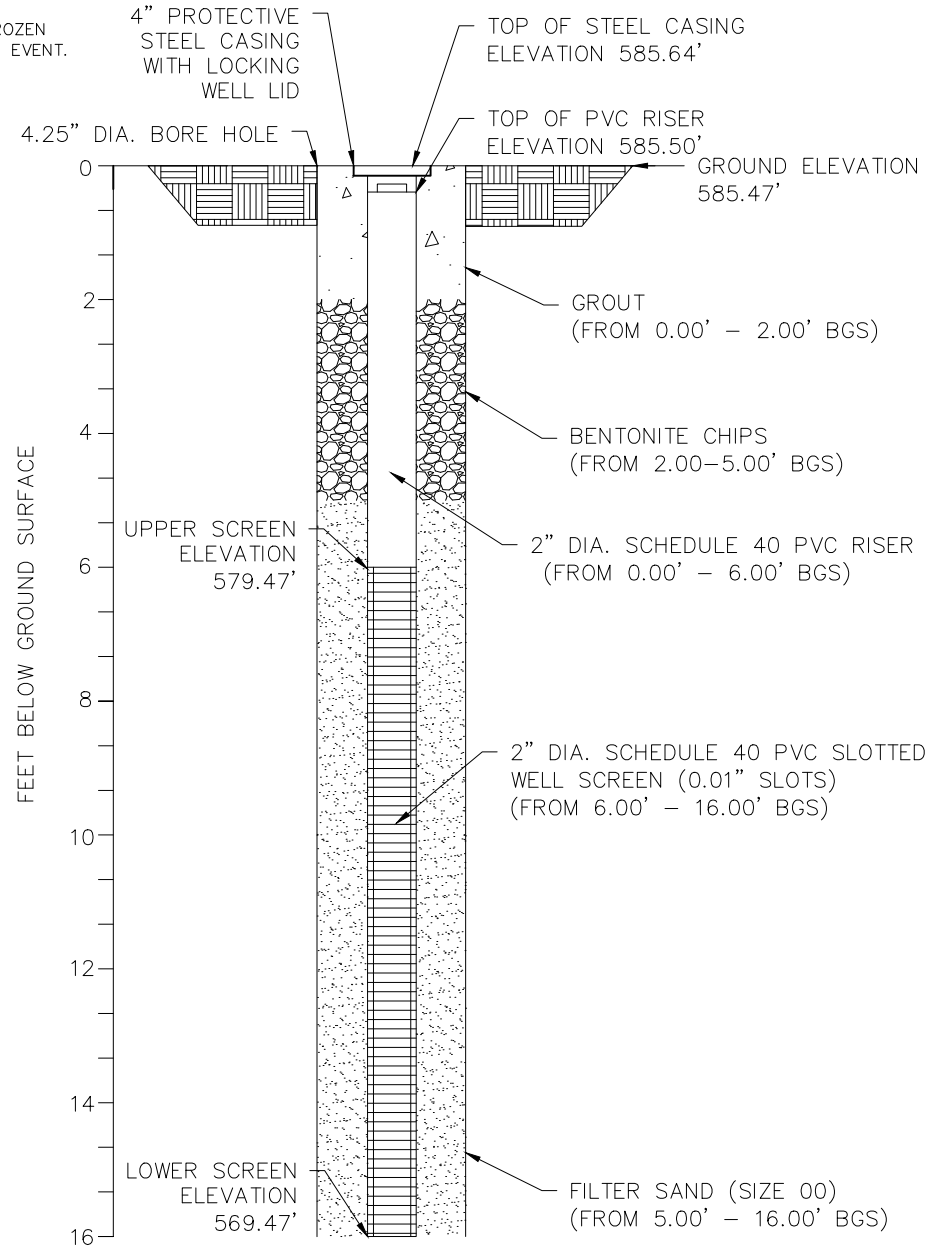
DEPTH TO WATER: –
DEPTH TO WATER COLLECTION DATE: 2/27/2026

NORTHING: 1044108.38
EASTING: 1079213.43

DRILLER: TREC ENVIRONMENTAL
METHOD: 4.25" HOLLOW STEM AUGER

NOTE: UNABLE TO COLLECT ACCURATE GROUNDWATER MEASUREMENT DUE TO FROZEN CONDITIONS DURING 2/27/2026 GAUGING EVENT.

MONITORING WELL MW-BCP-01 (N.T.S)



Inventum Engineering, PC

441 CARLISLE DRIVE
SUITE C
HERNDON VIRGINIA, 20170
(703)722-6049
www.InventumEng.com

WELL ID: MW-BCP-01

BUFFALO COLOR CORPORATION SITE AREA E
100 LEE STREET (F/K/A 85 LEE STREET) ET. AL.
BUFFALO, NY

DRAWING BY: CJB
CHECKED:
APPROVED:

PROPERTY OF INVENTUM ENGINEERING PC

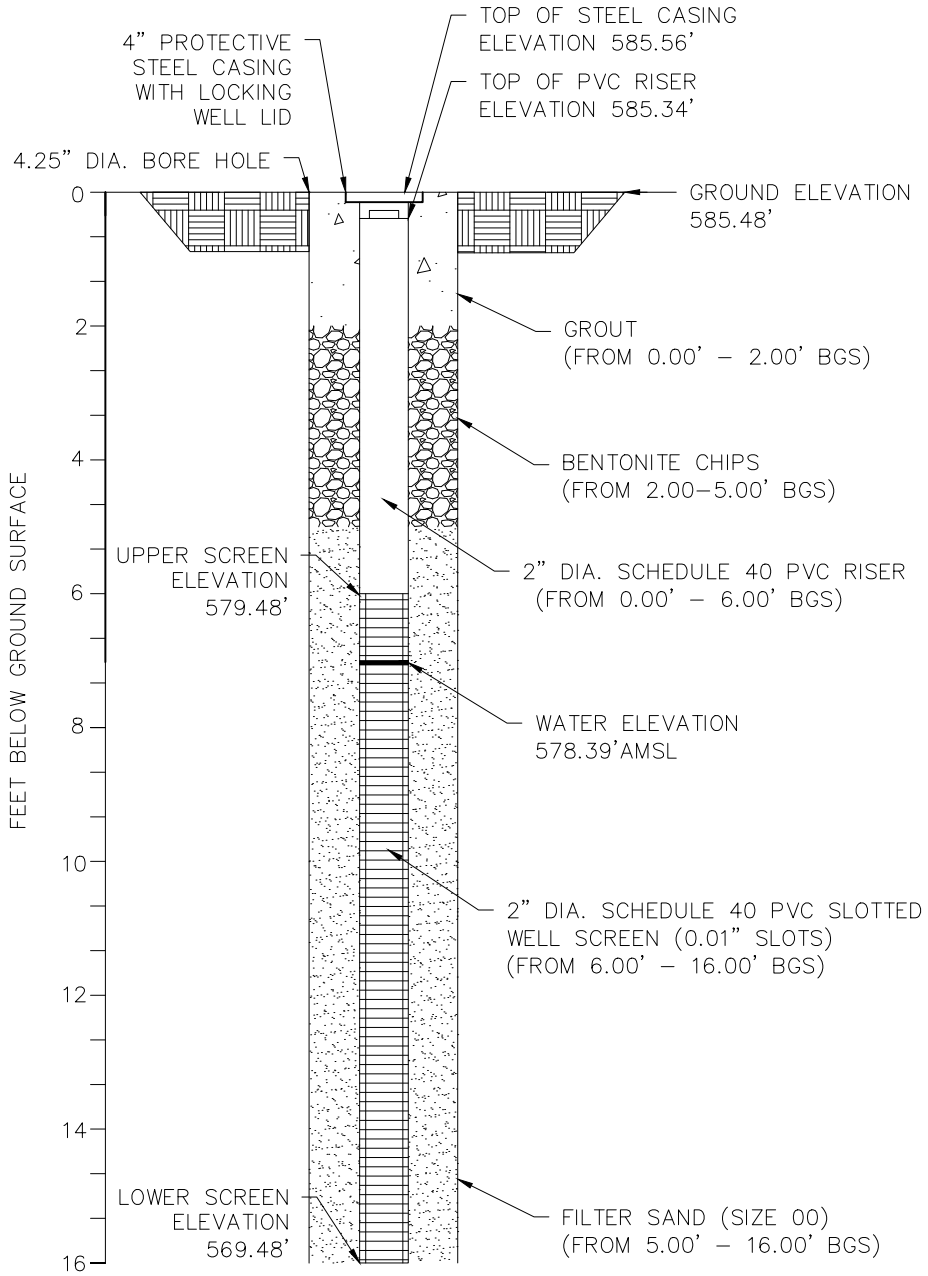
PROJECT NO.: SOUTH BUFFALO AREA E
WELL NO.: MW-BCP-02
INSTALLATION DEPTH: 16.00'
INSTALLATION DATE: 02/02/2026

DEPTH TO WATER: 7.09' BGS
DEPTH TO WATER COLLECTION DATE: 2/27/2026

NORTHING: 1044110.87
EASTING: 1079195.50

DRILLER: TREC ENVIRONMENTAL
METHOD: 4.25" HOLLOW STEM AUGER

MONITORING WELL MW-BCP-02 (N.T.S)



Inventum Engineering, PC

441 CARLISLE DRIVE
SUITE C
HERNDON VIRGINIA, 20170
(703)722-6049
www.InventumEng.com

WELL ID: MW-BCP-02

BUFFALO COLOR CORPORATION SITE AREA E
100 LEE STREET (F/K/A 85 LEE STREET) ET. AL.
BUFFALO, NY

DRAWING BY: CJB
CHECKED:
APPROVED:

PROPERTY OF INVENTUM ENGINEERING PC

Appendix L – New Monitoring Well Development Logs – Groundwater Sampling Purge Logs

GROUNDWATER MONITORING WELL DEVELOPMENT FORM									
Site:									
			Well ID:	MW-BCP-01	Initial Well Depth (ft BTOC): 14.81				
			Inventum Personnel:	Austin Oare	Final Well Depth (ft BTOC):				
			Date:	2/27/2026	Static Water Level (ft BTOC): 0.35				
Development Details									
			Time Start:	9:15	Comments/Notes: A 3-4 inch ice block was stuck in the pvc. Measurements are assuming the ice block was fully broken up and recovered.				
			Time Ended:	10:55					
			Total Volume:	6.5 gal					
Time	DTW	Pumping Rate (mL/min)	Volume (gal)	Temp (°C)	Spec. Cond. (mS/cm)	Turbidity (NTU)	pH	ORP (mV)	DO (mg/L)
9:15	0.35	-	0	4.48	2.5	503	9.26	13	10.26
9:25	5.17	-	1.5	2.43	2.79	1000	8.20	-96	6.40
9:31	7.59	-	1.5	2.59	2.88	1000	7.80	-45	2.16
9:35	13.2	-	1.5	3.55	2.92	1000	7.71	-5	0.54
Well went dry - let recharge									
10:13	13.75	-	1.5	7.79	3.14	1000	7.87	-42	4.34
Well went dry - let recharge									
10:46	14.21	-	0.25	5.25	3.2	1000	7.66	-26	6.25
10:55	14.63	-	0.25	4.71	3.28	1000	7.89	-44	2.96
Development Details									
			Method:	Bailer	Stability: pH (± 0.2); Temp (± 0.5); Spec.Cond (± 3%); Turbidity (± 10% if > 10 NTU); DO (10% or ± 0.2 mg/L, whichever is greater); ORP (± 20)				
			Sample Time:	No Sample					
			Sampled By:	No Sample					

GROUNDWATER MONITORING WELL DEVELOPMENT FORM			
Site:			
Well ID:	MW-BCP-02	Initial Well Depth (ft BTOC): 15.74	
Inventum Personnel:	Austin Oare	Final Well Depth (ft BTOC):	
Date:	2/17/2026	Static Water Level (ft BTOC): 7.09	
Development Details			
Time Start:	11:00	Comments/Notes: Well ran dry after bailing 4 gallons. The recovery was slow and was difficult to get additional water after 5.25 gallons. The water started to clear up, though the turbididtty levels did not reflect that.	
Time Ended:	11:57		
Total Volume:	5.25		

Time	DTW	Pumping Rate (mL/min)	Volume (gal)	Temp (°C)	Spec. Cond. (mS/cm)	Turbidity (NTU)	pH	ORP (mV)	DO (mg/L)
11:00	7.09	-	0	9.46	3.61	206	6.90	192	25.78
11:06	8.92	-	1	9.62	0.003	238	7.51	133	13.44
11:10	10.73	-	1	8.89	3.59	1000	6.48	89	0.00
11:15	13.21	-	1	8.63	3.72	1000	6.49	85	2.71
11:19	15.73	-	1	9.04	3.82	1000	6.55	138	0.00
Well went dry - allowed some time to recharge.									
11:34	15.73	-	0.75	8.71	3.83	1000	6.62	117	7.84
11:46	15.73	-	0.25	8.35	3.83	1000	6.59	113	7.19
11:51	15.73	-	0.25	8.41	3.83	1000	6.61	110	6.37
Well not recharging. Will continue developing when we go back to develop MW-BCP-01.									

Development Details		
Method:	Bailer	Stability: pH (± 0.2); Temp (± 0.5); Spec.Cond (± 3%); Turbidity (± 10% if > 10 NTU); DO (10% or ± 0.2 mg/L, whichever is greater); ORP (± 20)
Sample Time:	No Sample	
Sampled By:	No Sample	

GROUNDWATER MONITORING WELL DEVELOPMENT FORM									
Site:									
			Well ID:	MW-BCP-02	Initial Well Depth (ft BTOC): 15.74				
			Inventum Personnel:	Austin Oare	Final Well Depth (ft BTOC):				
			Date:	2/27/2026	Static Water Level (ft BTOC): 5.74				
Development Details									
			Time Start:	9:45	Comments/Notes: Well started to run dry between each bailer starting at 10:07. Recharge was relatively slow with minimal recovery.				
			Time Ended:	10:40					
			Total Volume:	6.0 gal					

Time	DTW	Pumping Rate (mL/min)	Volume (gal)	Temp (°C)	Spec. Cond. (mS/cm)	Turbidity (NTU)	pH	ORP (mV)	DO (mg/L)
9:45	5.74	-	0	4.80	2.26	46.8	9.36	-6	3.33
9:50	7.86	-	1	5.66	2.94	39.9	7.35	99	1.07
9:54	10.52	-	2	7.04	3.52	465	7.14	107	1.09
9:58	12.57	-	3	7.38	3.63	928	7.10	69	2.54
10:01	13.94	-	0.75	8.11	3.68	1000	7.11	75	2.27
10:07	14.82	-	0.75	7.63	3.82	1000	7.15	80	2.49
10:33	14.71	-	0.5	8.10	3.73	295	7.16	64	7.88
10:36	14.6	-	0.5	8.02	3.68	1000	7.15	59	5.33
10:40	14.82	-	0.5	8.63	3.68	1000	7.20	47	4.89

Development Details			
		Method:	Bailer
		Sample Time:	No Sample
		Sampled By:	No Sample
Stability: pH (± 0.2); Temp (± 0.5); Spec.Cond (± 3%); Turbidity (± 10% if > 10 NTU); DO (10% or ± 0.2 mg/L, whichever is greater); ORP (± 20)			

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Buffalo Color Corporation
SAMPLE ID: RFI-32A
ONTARIO SPECIALTY CONTRACTING, INC
WELL ID: RFI-32A
SAMPLE EVENT: Quarterly Event
SAMPLE DATE: 12/11/25
TIME: START 840 END 0910
JOB NUMBER: 16011
SAMPLER: Kevin Miller

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER: 4.91 FT
WELL DEPTH: FT
WELL DIAMETER: 2.0 IN

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [ ] NO [ ]
TIME OF SAMPLE COLLECTION: 0900

Well Conversion Factors

1" = 0.04 gal/foot water
2" = 0.17 gal/foot water
4" = 0.66 gal/foot water
6" = 1.5 gal/foot water

water column x 0.17 conversion = 1 purge volume

3 purge volumes = _____ gallons

gallons x 0.26 gal/min flow rate = _____ minutes to pump

NAPL REMOVAL METHOD
[ ] BAILER
[X] PERISTALTIC PUMP
[ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT
NAPL VOL. REMOVED: GAL

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2 (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
845		4.62	220	11.22	2.54	6.41	1.30	17.1	41	
845		4.65	200	12.07	2.54	6.52	1.39	12.2	21	
850		4.61	200	12.09	2.54	6.38	1.52	10.4	32	
855		4.52	200	11.94	2.54	6.44	1.54	3.9	22	
	1.5	Collect Sample								

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
[ ] WAILER
[ ] SIMCO BLADDER
[X] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
[X] SILICONE
[X] HIGH DENSITY POLYETHYLENE
[ ] OTHER

TYPE OF WATER QUALITY METER
[ ] YSI 556 MPS W/ FLOW CELL
[X] HORIBA U-50 W/ FLOW CELL
[ ] OTHER

TYPE OF WATER LEVEL DEVICE
[ ] GEOTECH INTERFACE METER
[X] SOLINST WATER METER
[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]
NUMBER OF GALLONS GENERATED: 1.5

COMMENTS: Water clear & colorless

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Buffalo Color Corporation
SAMPLE ID: MWE-OSA
ONTARIO SPECIALTY CONTRACTING, INC
WELL ID: MWE-OSA
SAMPLE EVENT: Quarterly Annual
SAMPLE DATE: 12/11/25
TIME: START 0950 END 1040
JOB NUMBER: 16011
SAMPLER: Kevin Miller

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER: 4.63 FT
WELL DEPTH: FT
WELL DIAMETER: 2.0 IN

Well Conversion Factors
1" = 0.04 gal/foot water
2" = 0.17 gal/foot water
4" = 0.66 gal/foot water
6" = 1.5 gal/foot water

water column x 0.17 conversion = 1 purge volume

3 purge volumes = _____ gallons

NAPL REMOVAL METHOD
[ ] BAILER
[X] PERISTALTIC PUMP
[ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT
NAPL VOL. REMOVED: GAL

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [ ] NO [ ]

_____ gallons x 0.26 gal/min flow rate = _____ minutes to pump

TIME OF SAMPLE COLLECTION: 1030

PURGE DATA

TIME	VOL (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2 (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
952		5.00	240	9.60	0.961	7.26	2.96	87.8	121	
957		5.00	250	10.72	0.784	7.27	1.09	63.1	159	
1002		5.02	265	10.75	0.776	7.25	1.02	53.2	167	
1007		4.87	265	10.43	0.770	7.23	1.24	32.5	173	
1012		4.85	265	10.25	0.765	7.21	0.81	17.9	176	
1017		4.85	265	10.29	0.763	7.20	0.70	12.0	177	
1022		4.85	265	10.23	0.762	7.19	0.61	9.2	178	
1027		4.85	265	10.24	0.762	7.18	0.58	6.8	178	
	3.5	Gallons Purged								

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
[ ] WAILER
[ ] SIMCO BLADDER
[X] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
[X] SILICONE
[X] HIGH DENSITY POLYETHYLENE
[ ] OTHER

TYPE OF WATER QUALITY METER
[ ] YSI 556 MPS W/ FLOW CELL
[X] HORIBA U-50 W/ FLOW CELL
[ ] OTHER

TYPE OF WATER LEVEL DEVICE
[ ] GEOTECH INTERFACE METER
[X] SOLINST WATER METER
[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	[X]	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	[X] VOC
	[X]	SVOC	CLP	4 DEG. C	2 X 1 LAG	[X] SVOC
	[X]	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	[X] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MS	[X]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[X]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[X]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MSD	[X]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[X]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[X]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]
NUMBER OF GALLONS GENERATED: 3.5

COMMENTS: water clear & colorless
MS/MSD Taken

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Buffalo Color Corporation
SAMPLE ID: RFI-29
ONTARIO SPECIALTY CONTRACTING, INC
WELL ID: RFI-29
SAMPLE EVENT: Quarterly Area E
SAMPLE DATE: 12/11/25
TIME: START 1108 END 1200
JOB NUMBER: 16011
SAMPLER: Kevin Miller

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER: 5.50 FT
WELL DEPTH: FT
WELL DIAMETER: 2.0 IN

Well Conversion Factors
1" = 0.04 gal/foot water
2" = 0.17 gal/foot water
4" = 0.66 gal/foot water
6" = 1.5 gal/foot water

water column x 0.17 conversion = 1 purge volume

3 purge volumes = _____ gallons

NAPL REMOVAL METHOD
[ ] BAILER
[X] PERISTALTIC PUMP
[ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT
NAPL VOL REMOVED: GAL

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [ ] NO [ ]

_____ gallons x 0.26 gal/min flow rate = 1 minutes to pump

TIME OF SAMPLE COLLECTION: 1150

PURGE DATA

TIME	VOL (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2 (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
1110		5.83	230	9.62	0.884	7.93	1.06	2.3	119	
1115		5.63	250	10.49	0.869	8.17	0.14	5.3	-34	
1120		5.30	250	10.66	0.862	8.20	0.08	4.8	-86	
1125		4.90	250	10.78	0.856	8.23	0.04	5.0	-125	
1130		4.80	250	10.99	0.856	8.25	0.0	2.3	-151	
1135		4.95	250	10.83	0.856	8.27	0.0	0.0	-164	
1140		4.84	250	10.90	0.856	8.28	0.0	0.0	-176	
1145		4.64	250	10.93	0.856	8.29	0.0	0.0	-190	
	2.5 Gallons Purged									

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
[ ] WAILER
[ ] SIMCO BLADDER
[X] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
[X] SILICONE
[X] HIGH DENSITY POLYETHYLENE
[ ] OTHER

TYPE OF WATER QUALITY METER
[ ] YSI 556 MPS W/ FLOW CELL
[X] HORIBA U-50 W/ FLOW CELL
[ ] OTHER

TYPE OF WATER LEVEL DEVICE
[ ] GEOTECH INTERFACE METER
[X] SOLINST WATER METER
[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED	
STANDARD	[X]	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	[X]	VOC
	[X]	SVOC	CLP	4 DEG. C	2 X 1 LAG	[X]	SVOC
	[X]	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	[X]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
DUPLICATE	[X]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[X]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[X]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ]	VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ]	SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ]	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]
NUMBER OF GALLONS GENERATED: 2.5

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

COMMENTS

Clear and colorless

Duplicate Taken

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Buffalo Color Corporation
SAMPLE ID: RFI-33
ONTARIO SPECIALTY CONTRACTING, INC
WELL ID: RFI-33
SAMPLE EVENT: Quarterly Area E
SAMPLE DATE: 12/11/25
TIME: START 1307 END 1350
JOB NUMBER: 16011
SAMPLER: Kevin Miller

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER: 0.65 FT
WELL DEPTH: FT
WELL DIAMETER: 2.0 IN

Well Conversion Factors
1" = 0.04 gal/foot water
2" = 0.17 gal/foot water
4" = 0.66 gal/foot water
6" = 1.5 gal/foot water

water column x 0.17 conversion = 1 purge volume

3 purge volumes = _____ gallons

NAPL REMOVAL METHOD
[ ] BAILER
[X] PERISTALTIC PUMP
[ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT
NAPL VOL REMOVED: GAL

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [ ] NO [ ]

_____ gallons x 0.26 gal/min flow rate = _____ minutes to pump

TIME OF SAMPLE COLLECTION: 1345

PURGE DATA

TIME	VOL (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2 (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
1310		1.15	210	8.65	0.392	8.21	2.92	33.1	31	
1315		1.53	180	8.98	0.375	8.05	2.14	22.3	33	
1320		1.70	180	9.24	0.369	8.00	2.02	14.6	38	
1325		2.05	180	9.29	0.362	7.97	1.88	12.1	44	
1330		2.52	180	9.36	0.350	7.97	2.09	8.1	50	
1335		3.40	180	9.34	0.340	7.98	2.14	3.3	56	
1340		3.80	180	9.29	0.335	7.98	2.24	1.2	60	
	1.75 Gallons Purged									

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
[ ] WAILER
[ ] SIMCO BLADDER
[X] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
[X] SILICONE
[X] HIGH DENSITY POLYETHYLENE
[ ] OTHER

TYPE OF WATER QUALITY METER
[ ] YSI 556 MPS W/ FLOW CELL
[X] HORIBA U-50 W/ FLOW CELL
[ ] OTHER

TYPE OF WATER LEVEL DEVICE
[ ] GEOTECH INTERFACE METER
[X] SOLINST WATER METER
[ ] OTHER

ANALYTICAL PARAMETERS

	To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	[X]	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	[X] VOC
	[X]	SVOC	CLP	4 DEG. C	2 X 1 LAG	[X] SVOC
	[X]	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	[X] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]
NUMBER OF GALLONS GENERATED: 1.75

COMMENTS: Water clear & colorless

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

OSC
ONTARIO SPECIALTY CONTRACTING, INC.

PROJECT: Buffalo Color Corporation
SAMPLE ID: RFI-33
WELL ID: RFI-33
SAMPLE EVENT: Area E Quarterly
SAMPLE DATE: 3/4/26
TIME: START 1407 END 1
JOB NUMBER: 16011
SAMPLER: Kevin Miller

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER: 3.20 FT
WELL DEPTH: 9.75 FT
WELL DIAMETER: 2.0 IN

Well Conversion Factors
1" = 0.04 gal/foot water
2" = 0.17 gal/foot water
4" = 0.66 gal/foot water
6" = 1.5 gal/foot water

6.55 (water column) x 0.17 (conversion) = 1.1 (1 purge volume)

3 purge volumes = 3.3 gallons

NAPL REMOVAL METHOD
[ ] BAILER
[X] PERISTALTIC PUMP
[ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT
NAPL VOL. REMOVED: GAL

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [ ] NO [ ]

_____ gallons x 0.26 gal/min (flow rate) = _____ minutes to pump

TIME OF SAMPLE COLLECTION: 1435

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2 (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
1408		3.74	180	11.83	0.364	7.55	2.12	225	25	
1413		4.26	180	11.53	0.356	7.51	1.72	43.3	41	
1418		4.72	180	11.50	0.354	7.51	1.78	172	48	
1423		5.15	180	11.24	0.358	7.49	2.00	25.9	55	
1428		5.57	180	11.14	0.365	7.47	1.84	6.16	60	
1433		5.96	180	11.23	0.368	7.48	1.41	4.0	60	Purged 1.5 Gallons

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
[ ] WAILER
[ ] SIMCO BLADDER
[X] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
[X] SILICONE
[X] HIGH DENSITY POLYETHYLENE
[ ] OTHER

TYPE OF WATER QUALITY METER
[ ] YSI 556 MPS W/ FLOW CELL
[X] HORIBA U-50 W/ FLOW CELL
[ ] OTHER

TYPE OF WATER LEVEL DEVICE
[ ] GEOTECH INTERFACE METER
[X] SOLINST WATER METER
[ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	[X]	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	[X] VOC
	[X]	SVOC	CLP	4 DEG. C	2 X 1 LAG	[X] SVOC
	[X]	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	[X] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]
NUMBER OF GALLONS GENERATED: 1.5

COMMENTS: Clear and colorless

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	RFI-29
WELL ID	RFI-29	SAMPLE EVENT	Area E Quarterly
TIME START	1308 END	JOB NUMBER	16011
SAMPLE DATE	3/4/26	SAMPLER	Kevin Miller

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	4.45	FT
WELL DEPTH	15.30	FT
WELL DIAMETER	2.0	IN

Well Conversion Factors

1" = 0.04 gal/foot water; 2" = 0.17 gal/foot water; 4" = 0.66 gal/foot water; 6" = 1.5 gal/foot water

10.85 (water column) x 0.17 (conversion) = 1.8 (1 purge volume)

3 purge volumes = 5.4 gallons

NAPL REMOVAL METHOD
- [ ] BAILER
- [X] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [ ] NO [ ]

gallons x 0.26 gal/min (flow rate) = minutes to pump

TIME OF SAMPLE COLLECTION: 1350

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2 (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
1310		4.90	260	13.27	0.883	7.73	10.56	197	132	
1315		5.30	240	12.89	0.870	7.77	9.08	78.9	77	
1320		5.43	240	12.72	0.829	7.78	7.94	52.2	-109	
1325		5.50	260	12.63	0.808	7.79	7.12	13.5	-125	
1330		5.50	260	12.51	0.777	7.78	6.48	10.4	-135	Purged
1335		5.53	260	13.50	0.798	7.77	5.59	6.3	-142	
1340		5.53	260	13.45	0.733	7.77	5.14	3.1	-144	
1345		5.53	260	13.27	0.721	7.76	4.68	1.7	-146	3 Gallons

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [X] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [X] SILICONE
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [X] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [X] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

	To Be Collected		METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	[X]	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	[X] VOC
	[X]	SVOC	CLP	4 DEG. C	2 X 1 LAG	[X] SVOC
	[X]	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	[X] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
DUPLICATE	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MS	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MSD	[ ]	VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
	[ ]	SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
	[ ]	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: 3

COMMENTS: Clear and colorless

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	MW-E05
WELL ID	MW-E05	SAMPLE EVENT	Area A Quarterly
TIME START	1110 END 1200	JOB NUMBER	16011
SAMPLE DATE	3/4/26	SAMPLER	Kevin Miller

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	5.00	FT
WELL DEPTH	15.65	FT
WELL DIAMETER	2.0	IN

Well Conversion Factors

1" = 0.04 gal/foot water; 2" = 0.17 gal/foot water; 4" = 0.66 gal/foot water; 6" = 1.5 gal/foot water

10.65 (water column) x 0.17 (conversion) = 1.8 (1 purge volume)

3 purge volumes = 5.4 gallons

NAPL REMOVAL METHOD
- [ ] BAILER
- [X] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [ ] NO [ ]

_____ gallons x 0.26 gal/min flow rate = _____ minutes to pump

TIME OF SAMPLE COLLECTION: 1150

PURGE DATA

TIME	VOL. (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2 (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
1111		5.12	200	12.92	0.837	7.97	1.80	1000	110	
1116		5.15	240	11.66	0.778	7.98	1.33	349	162	
1121		5.18	250	11.32	0.770	8.01	1.06	76.5	170	
1126		5.20	250	10.88	0.763	7.96	0.51	34.4	173	
1131		5.18	250	10.65	0.760	7.89	0.20	42.3	170	
1136		5.26	250	10.47	0.758	7.86	0.0	17.2	168	Purged
1141		5.21	250	10.37	0.756	7.84	0.0	14.8	169	3 Gallons
1146		5.20	250	10.26	0.753	7.84	0.0	11.4	164	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [X] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [X] SILICONE
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [X] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [X] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

	To Be Collected	METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	[X] VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	[X] VOC
STANDARD	[X] SVOC	CLP	4 DEG. C	2 X 1 LAG	[X] SVOC
STANDARD	[X] TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	[X] TAL INORGANICS
STANDARD	[ ] TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
DUPLICATE	[ ] VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
DUPLICATE	[ ] SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
DUPLICATE	[ ] TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
DUPLICATE	[ ] TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MS	[X] VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
MS	[X] SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
MS	[X] TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
MS	[X] TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)
MSD	[X] VOC	8260B	HCL / 4 DEG. C	X 40 mL	[ ] VOC
MSD	[X] SVOC	CLP	4 DEG. C	X 1 LAG	[ ] SVOC
MSD	[X] TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS
MSD	[ ] TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	[ ] TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: 3

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

COMMENTS

MS/MSD Taken

clear and odorless

FIELD DATA RECORD - GROUNDWATER SAMPLING

ONTARIO SPECIALTY CONTRACTING, INC

PROJECT	Buffalo Color Corporation	SAMPLE ID	BCP-02
WELL ID	BCP-02	SAMPLE EVENT	Area E Quarterly
TIME	START 0945 END 1035	JOB NUMBER	16011
SAMPLE DATE	3/4/26	SAMPLER	Kevin Miller

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER	6.85	FT
WELL DEPTH	15.75	FT
WELL DIAMETER	2.0	IN

Well Conversion Factors

1" = 0.04 gal/foot water; 2" = 0.17 gal/foot water; 4" = 0.66 gal/foot water; 6" = 1.5 gal/foot water

8.9 (water column) x 0.17 (conversion) = 1.5 (1 purge volume)

3 purge volumes = 4.5 gallons

NAPL REMOVAL METHOD: [ ] BAILER [X] PERISTALTIC PUMP [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT

NAPL VOL. REMOVED: GAL

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [ ] NO [ ]

TIME OF SAMPLE COLLECTION: 1030

_____ gallons x 0.26 gal/min (flow rate) = _____ minutes to pump

PURGE DATA

TIME	VOL (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2 (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
0950		7.52	180	10.53	2.48	6.70	5.23	29.5	115	
0955		7.96	200	10.59	2.47	6.63	5.15	24.2	135	
1000		8.43	180	10.65	2.47	6.61	5.09	24.8	142	
1005		8.83	180	10.68	2.45	6.62	4.96	32.8	140	
1010		9.25	180	10.33	2.36	6.71	5.66	34.3	136	
1015		9.67	180	10.09	2.30	6.70	5.74	9.6	137	Purged
1020		10.02	180	10.19	2.30	6.71	5.58	7.6	134	2.5 Gallons
1025		10.55	180	10.43	2.31	6.71	5.45	6.4	131	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP: [ ] WAILER [ ] SIMCO BLADDER [X] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING: [X] SILICONE [X] HIGH DENSITY POLYETHYLENE [ ] OTHER

TYPE OF WATER QUALITY METER: [ ] YSI 556 MPS W/ FLOW CELL [X] HORIBA U-50 W/ FLOW CELL [ ] OTHER

TYPE OF WATER LEVEL DEVICE: [ ] GEOTECH INTERFACE METER [X] SOLINST WATER METER [ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
DUPLICATE	X	VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
	X	SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]

NUMBER OF GALLONS GENERATED: 2.5

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

COMMENTS

Duplicate Taken

Clear and colorless

FIELD DATA RECORD - GROUNDWATER SAMPLING

PROJECT: Buffalo Color Corporation
SAMPLE ID: BCP-01
ONTARIO SPECIALTY CONTRACTING, INC
WELL ID: BCP-01
SAMPLE EVENT: Area EQuarterly
SAMPLE DATE: 3/4/26
TIME: START 0833 END 0935
JOB NUMBER: 16011
SAMPLER: Kevin Miller

WATER LEVEL / PUMP SETTINGS

STATIC DEPTH TO WATER: 2.20 FT
WELL DEPTH: 14.80 FT
WELL DIAMETER: 2.0 IN

Well Conversion Factors
1" = 0.04 gal/foot water
2" = 0.17 gal/foot water
4" = 0.66 gal/foot water
6" = 1.5 gal/foot water

12.60 (water column) x 0.17 (conversion) = 2.1 (1 purge volume)

3 purge volumes = 6.4 gallons

NAPL REMOVAL METHOD
- [ ] BAILER
- [X] PERISTALTIC PUMP
- [ ] ABSORBENT SOCK

DEPTH TO NAPL NON DETECT (ND): ND FT
NAPL VOL REMOVED: GAL

WELL PROTECTIVE CASING INTACT AND PROPERLY SECURED: YES [✓] NO [ ]

gallons x 0.26 gal/min (flow rate) = minutes to pump

TIME OF SAMPLE COLLECTION: 0930

PURGE DATA

TIME	VOL (gal)	DEPTH TO WATER (ft)	PURGE RATE (ml/m)	TEMP. (deg. C)	SPECIFIC CONDUCTANCE (ms/cm)	pH (units)	DISS O2 (mg/L)	TURBIDITY (ntu)	REDOX (ORP)	COMMENTS
0835		2.60	220	10.81	2.14	6.91	6.70	1000	104	
0840		3.95	200	9.85	2.11	6.86	5.83	808	54	
0845		4.72	200	8.97	2.15	6.83	5.51	679	46	
0850		5.30	180	9.37	2.13	6.81	5.02	602	46	
0855		5.22	200	9.00	2.14	6.81	4.95	553	36	
0900		5.22	220	8.22	2.19	6.81	5.25	566	20	Purged
0905		5.34	280	6.92	2.26	6.82	5.26	347	5	
0910		5.70	280	6.32	2.27	6.85	5.22	182	-3	4 Gallons
0915		6.24	280	5.91	2.27	6.90	6.61	56.4	-9	
0920		6.77	280	5.66	2.26	6.95	6.27	137	-7	
0925		7.30		5.69	2.25	6.96	6.72	382	-10	

EQUIPMENT DOCUMENTATION

TYPE OF PUMP
- [ ] WAILER
- [ ] SIMCO BLADDER
- [X] GEOPUMP PERISTALTIC PUMP

TYPE OF TUBING
- [X] SILICONE
- [X] HIGH DENSITY POLYETHYLENE
- [ ] OTHER

TYPE OF WATER QUALITY METER
- [ ] YSI 556 MPS W/ FLOW CELL
- [X] HORIBA U-50 W/ FLOW CELL
- [ ] OTHER

TYPE OF WATER LEVEL DEVICE
- [ ] GEOTECH INTERFACE METER
- [X] SOLINST WATER METER
- [ ] OTHER

ANALYTICAL PARAMETERS

To Be Collected

			METHOD NUMBER	PRESERVATION METHOD	VOLUME REQUIRED	SAMPLE COLLECTED
STANDARD	X	VOC	8260B	HCL / 4 DEG. C	3 X 40 mL	X VOC
	X	SVOC	CLP	4 DEG. C	2 X 1 LAG	X SVOC
	X	TAL INORGANICS	CLP	HNO3 to pH <2	1 X 1 LP	X TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
DUPLICATE		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MS		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)
MSD		VOC	8260B	HCL / 4 DEG. C	X 40 mL	VOC
		SVOC	CLP	4 DEG. C	X 1 LAG	SVOC
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS
		TAL INORGANICS	CLP	HNO3 to pH <2	X 1 LP	TAL INORGANICS (FILTERED)

PURGE OBSERVATIONS

PURGE WATER CONTAINERIZED: YES [X] NO [ ]
NUMBER OF GALLONS GENERATED: 4

COMMENTS: cloudy light gray

NOTES

All equipment used either dedicated or deconned prior to arrival on site. No rinseate / field blank required

SIGNITURE: _____

Appendix M – New Monitoring Well Survey

wendel

April 14, 2026

Todd Waldrop, PE
Inventum Engineering
481 Carlisle Drive
Suite 202
Herndon, Virginia, 20170

Subject: Monitoring Wells BCP-02 & BCP-01

Dear Todd,

The results of the survey observations of Monitoring Well BCP-01 at the former Buffalo Color Site:

Location of Well: N. 1044108.38
E. 1079213.43

Ground Elevation = 585.47
Core Elevation = 585.50
Casing Elevation = 585.64

The results of the survey observations of Monitoring Well BCP-02 at the former Buffalo Color Site:

Location of Well: N. 1044110.87
E. 1079195.50

Ground Elevation = 585.48
Core Elevation = 585.34
Casing Elevation = 585.56

Horizontal Location is based on New York State Plane Coordinate System, West Zone 3103. Vertical Datum is NAVD88.

Respectfully

Kenneth L. Slaugenhoupt, PLS
Survey Manager

Appendix N – Groundwater Sampling Laboratory Data Reports

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ANALYTICAL REPORT

PREPARED FOR

Attn: Kirsten Colligan
Ontario Specialty Contracting, Inc.
140 Lee St.
Buffalo, New York 14210

Generated 3/13/2026 8:40:54 AM

JOB DESCRIPTION

Buffalo Color Area E Wells
Buffalo Color Area E Wells

JOB NUMBER

480-236618-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization

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Authorized for release by
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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^5-	Linear Range Check (LRC) is outside acceptance limits, low biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job ID: 480-236618-1 Eurofins Buffalo

Job Narrative
480-236618-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 3/4/2026 4:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.8°C.

GC/MS VOA
Method 8260C: Due to the coelution of Ethyl Acetate with 2-Butanone in the full spike solution, these analytes exceeded control limits in the laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) associated with 480-769302. The following samples were affected : BCC Area E MW-BCP-01 (480-236618-1), BCC Area E MW-BCP-02 (480-236618-2), BCC Area E MW-E05 (480-236618-3), BCC Area E RFI-29 (480-236618-4), BCC Area E RFI-33 (480-236618-5), BCC Area E MW-BCP-02D (480-236618-6) and TRIP BLANK (480-236618-7).

Method 8260C: The following volatiles samples were diluted due to foaming at the time of purging during the original sample analysis: BCC Area E MW-BCP-01 (480-236618-1), BCC Area E MW-BCP-02 (480-236618-2) and BCC Area E MW-BCP-02D (480-236618-6). Elevated reporting limits (RLs) are provided.

Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-769302 were outside control limits for one or more analytes. See QC Sample Results for detail.

Method 8260C: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for analytical batch 480-769302 was outside control limits.

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

GC/MS Semi VOA
Method 8270D: The continuing calibration verification (CCV) analyzed in batch 480-769481 was outside the method criteria for the following analyte(s): Nitrobenzene-d5. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated. The associated samples are:BCC Area E MW-BCP-01 (480-236618-1), BCC Area E MW-BCP-02 (480-236618-2), BCC Area E MW-E05 (480-236618-3), BCC Area E RFI-29 (480-236618-4), BCC Area E RFI-33 (480-236618-5) and BCC Area E MW-BCP-02D (480-236618-6).

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-769481 recovered above the upper control limit for 2-Nitroaniline, bis (2-chloroisopropyl) ether, Bis(2-chloroethyl)ether and N-Nitrosodi-n-propylamine. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:BCC Area E MW-BCP-01 (480-236618-1), BCC Area E MW-BCP-02 (480-236618-2), BCC Area E MW-E05 (480-236618-3), BCC Area E RFI-29 (480-236618-4), BCC Area E RFI-33 (480-236618-5) and BCC Area E MW-BCP-02D (480-236618-6).

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-769481 recovered outside acceptance criteria, low biased, for 2,4-Dinitrophenol, 3-Nitroaniline, 4-Chloroaniline and 4-Nitroaniline. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The associated samples are:BCC Area E MW-BCP-01 (480-236618-1), BCC Area E MW-BCP-02 (480-236618-2), BCC Area E MW-E05 (480-236618-3), BCC Area E RFI-29 (480-236618-4), BCC Area E RFI-33 (480-236618-5) and BCC Area E MW-BCP-02D (480-236618-6).

Job ID: 480-236618-1 (Continued) Eurofins Buffalo

Method 8270D: The laboratory control sample (LCS) for preparation batch 480-769427 and analytical batch 480-769481 recovered outside control limits for the following analytes: 2-Nitroaniline and Atrazine. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated samples are:BCC Area E MW-BCP-01 (480-236618-1), BCC Area E MW-BCP-02 (480-236618-2), BCC Area E MW-E05 (480-236618-3), BCC Area E RFI-29 (480-236618-4), BCC Area E RFI-33 (480-236618-5) and BCC Area E MW-BCP-02D (480-236618-6).

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

Metals
Method 6010D: The linear range check (LRC) standard recovery associated with 480-769573 is outside the acceptance criteria for the following analytes: total Silver. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

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

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Wells

Job ID: 480-236618-1

Client Sample ID: BCC Area E MW-BCP-01 — Lab Sample ID: 480-236618-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	1.8	J	2.0	1.6	ug/L	2		8260C	Total/NA
Acetone	44		20	6.0	ug/L	2		8260C	Total/NA
Chlorobenzene	17		2.0	1.5	ug/L	2		8260C	Total/NA
4-Methylphenol	1.0	J	10	0.36	ug/L	1		8270D	Total/NA
Aluminum	7.9		0.20	0.060	mg/L	1		6010D	Total/NA
Barium	0.088		0.0020	0.00070	mg/L	1		6010D	Total/NA
Calcium	593		0.50	0.10	mg/L	1		6010D	Total/NA
Chromium	0.012		0.0040	0.0010	mg/L	1		6010D	Total/NA
Cobalt	0.017		0.0040	0.00063	mg/L	1		6010D	Total/NA
Copper	0.015		0.010	0.0016	mg/L	1		6010D	Total/NA
Iron	16.3		0.050	0.019	mg/L	1		6010D	Total/NA
Lead	0.0094	J	0.010	0.0030	mg/L	1		6010D	Total/NA
Magnesium	121		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	9.0		0.0030	0.00040	mg/L	1		6010D	Total/NA
Nickel	0.030		0.010	0.0013	mg/L	1		6010D	Total/NA
Potassium	9.6		0.50	0.10	mg/L	1		6010D	Total/NA
Silver	0.0051	J ^5- B	0.0060	0.0017	mg/L	1		6010D	Total/NA
Sodium	65.0		1.0	0.32	mg/L	1		6010D	Total/NA
Thallium	0.012	J	0.020	0.010	mg/L	1		6010D	Total/NA
Vanadium	0.013		0.0050	0.0015	mg/L	1		6010D	Total/NA
Zinc	0.027		0.010	0.0015	mg/L	1		6010D	Total/NA
Mercury	0.000048	J	0.00020	0.000042	mg/L	1		7470A	Total/NA

Client Sample ID: BCC Area E MW-BCP-02 — Lab Sample ID: 480-236618-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	20		2.0	1.5	ug/L	2		8260C	Total/NA
2-Chlorophenol	1.3	J	5.0	0.53	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.37	J	5.0	0.31	ug/L	1		8270D	Total/NA
Aluminum	0.14	J	0.20	0.060	mg/L	1		6010D	Total/NA
Barium	0.026		0.0020	0.00070	mg/L	1		6010D	Total/NA
Calcium	560		0.50	0.10	mg/L	1		6010D	Total/NA
Chromium	0.0010	J	0.0040	0.0010	mg/L	1		6010D	Total/NA
Cobalt	0.0038	J	0.0040	0.00063	mg/L	1		6010D	Total/NA
Iron	0.27		0.050	0.019	mg/L	1		6010D	Total/NA
Magnesium	187		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	0.73		0.0030	0.00040	mg/L	1		6010D	Total/NA
Nickel	0.014		0.010	0.0013	mg/L	1		6010D	Total/NA
Potassium	4.6		0.50	0.10	mg/L	1		6010D	Total/NA
Silver	0.0044	J ^5- B	0.0060	0.0017	mg/L	1		6010D	Total/NA
Sodium	162		1.0	0.32	mg/L	1		6010D	Total/NA

Client Sample ID: BCC Area E MW-E05 — Lab Sample ID: 480-236618-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.51		0.20	0.060	mg/L	1		6010D	Total/NA
Barium	0.052		0.0020	0.00070	mg/L	1		6010D	Total/NA
Cadmium	0.011		0.0020	0.00050	mg/L	1		6010D	Total/NA
Calcium	156		0.50	0.10	mg/L	1		6010D	Total/NA
Cobalt	0.0035	J	0.0040	0.00063	mg/L	1		6010D	Total/NA
Copper	0.12		0.010	0.0016	mg/L	1		6010D	Total/NA
Iron	0.44		0.050	0.019	mg/L	1		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Buffalo

Client Sample ID: BCC Area E MW-E05 (Continued) — Lab Sample ID: 480-236618-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	0.017		0.010	0.0030	mg/L	1		6010D	Total/NA
Magnesium	17.8		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	0.037		0.0030	0.00040	mg/L	1		6010D	Total/NA
Nickel	0.014		0.010	0.0013	mg/L	1		6010D	Total/NA
Potassium	4.8		0.50	0.10	mg/L	1		6010D	Total/NA
Selenium	0.022	J	0.025	0.0087	mg/L	1		6010D	Total/NA
Silver	0.0043	J ^5- B	0.0060	0.0017	mg/L	1		6010D	Total/NA
Sodium	36.9		1.0	0.32	mg/L	1		6010D	Total/NA
Zinc	2.6		0.010	0.0015	mg/L	1		6010D	Total/NA

Client Sample ID: BCC Area E RFI-29 — Lab Sample ID: 480-236618-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	5.5		1.0	0.79	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	4.3		1.0	0.84	ug/L	1		8260C	Total/NA
Chlorobenzene	16		1.0	0.75	ug/L	1		8260C	Total/NA
Arsenic	0.0081	J	0.015	0.0056	mg/L	1		6010D	Total/NA
Barium	0.039		0.0020	0.00070	mg/L	1		6010D	Total/NA
Calcium	112		0.50	0.10	mg/L	1		6010D	Total/NA
Iron	0.48		0.050	0.019	mg/L	1		6010D	Total/NA
Magnesium	18.0		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	0.18		0.0030	0.00040	mg/L	1		6010D	Total/NA
Potassium	6.8		0.50	0.10	mg/L	1		6010D	Total/NA
Silver	0.0048	J ^5- B	0.0060	0.0017	mg/L	1		6010D	Total/NA
Sodium	74.1		1.0	0.32	mg/L	1		6010D	Total/NA
Zinc	0.0023	J	0.010	0.0015	mg/L	1		6010D	Total/NA

Client Sample ID: BCC Area E RFI-33 — Lab Sample ID: 480-236618-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.082	J	0.20	0.060	mg/L	1		6010D	Total/NA
Barium	0.024		0.0020	0.00070	mg/L	1		6010D	Total/NA
Calcium	72.4		0.50	0.10	mg/L	1		6010D	Total/NA
Chromium	0.0034	J	0.0040	0.0010	mg/L	1		6010D	Total/NA
Copper	0.0022	J	0.010	0.0016	mg/L	1		6010D	Total/NA
Iron	0.096		0.050	0.019	mg/L	1		6010D	Total/NA
Magnesium	6.8		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	0.011		0.0030	0.00040	mg/L	1		6010D	Total/NA
Nickel	0.0030	J	0.010	0.0013	mg/L	1		6010D	Total/NA
Potassium	0.94		0.50	0.10	mg/L	1		6010D	Total/NA
Silver	0.0047	J ^5- B	0.0060	0.0017	mg/L	1		6010D	Total/NA
Sodium	24.7		1.0	0.32	mg/L	1		6010D	Total/NA
Vanadium	0.0018	J	0.0050	0.0015	mg/L	1		6010D	Total/NA
Zinc	0.0055	J	0.010	0.0015	mg/L	1		6010D	Total/NA

Client Sample ID: BCC Area E MW-BCP-02D — Lab Sample ID: 480-236618-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	32		2.0	1.5	ug/L	2		8260C	Total/NA
2-Chlorophenol	1.3	J	5.0	0.53	ug/L	1		8270D	Total/NA
Di-n-butyl phthalate	0.34	J	5.0	0.31	ug/L	1		8270D	Total/NA
Aluminum	0.11	J	0.20	0.060	mg/L	1		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area E MW-BCP-02D (Continued)

Lab Sample ID: 480-236618-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.025		0.0020	0.00070	mg/L	1		6010D	Total/NA
Calcium	553		0.50	0.10	mg/L	1		6010D	Total/NA
Cobalt	0.0039	J	0.0040	0.00063	mg/L	1		6010D	Total/NA
Iron	0.41		0.050	0.019	mg/L	1		6010D	Total/NA
Magnesium	186		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	0.75		0.0030	0.00040	mg/L	1		6010D	Total/NA
Nickel	0.022		0.010	0.0013	mg/L	1		6010D	Total/NA
Potassium	4.4		0.50	0.10	mg/L	1		6010D	Total/NA
Silver	0.0045	J ^5- B	0.0060	0.0017	mg/L	1		6010D	Total/NA
Sodium	158		1.0	0.32	mg/L	1		6010D	Total/NA
Zinc	0.010		0.010	0.0015	mg/L	1		6010D	Total/NA

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-236618-7

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-236618-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E MW-BCP-01
Lab Sample ID: 480-236618-1
Date Collected: 03/04/26 09:30
Matrix: Ground Water
Date Received: 03/04/26 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			03/05/26 16:33	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			03/05/26 16:33	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			03/05/26 16:33	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			03/05/26 16:33	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			03/05/26 16:33	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			03/05/26 16:33	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			03/05/26 16:33	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			03/05/26 16:33	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			03/05/26 16:33	2
1,2-Dichlorobenzene	**1.8**	**J**	2.0	1.6	ug/L			03/05/26 16:33	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			03/05/26 16:33	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			03/05/26 16:33	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			03/05/26 16:33	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			03/05/26 16:33	2
2-Butanone (MEK)	ND	*+	20	2.6	ug/L			03/05/26 16:33	2
2-Hexanone	ND		10	2.5	ug/L			03/05/26 16:33	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			03/05/26 16:33	2
Acetone	**44**		20	6.0	ug/L			03/05/26 16:33	2
Benzene	ND		2.0	0.82	ug/L			03/05/26 16:33	2
Bromodichloromethane	ND		2.0	0.78	ug/L			03/05/26 16:33	2
Bromoform	ND		2.0	0.52	ug/L			03/05/26 16:33	2
Bromomethane	ND		2.0	1.4	ug/L			03/05/26 16:33	2
Carbon disulfide	ND		2.0	0.38	ug/L			03/05/26 16:33	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			03/05/26 16:33	2
Chlorobenzene	**17**		2.0	1.5	ug/L			03/05/26 16:33	2
Chloroethane	ND		2.0	0.64	ug/L			03/05/26 16:33	2
Chloroform	ND		2.0	0.68	ug/L			03/05/26 16:33	2
Chloromethane	ND		2.0	0.70	ug/L			03/05/26 16:33	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			03/05/26 16:33	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			03/05/26 16:33	2
Cyclohexane	ND		2.0	0.36	ug/L			03/05/26 16:33	2
Dibromochloromethane	ND		2.0	0.64	ug/L			03/05/26 16:33	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			03/05/26 16:33	2
Ethylbenzene	ND		2.0	1.5	ug/L			03/05/26 16:33	2
Isopropylbenzene	ND		2.0	1.6	ug/L			03/05/26 16:33	2
Methyl acetate	ND		5.0	2.6	ug/L			03/05/26 16:33	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			03/05/26 16:33	2
Methylcyclohexane	ND		2.0	0.32	ug/L			03/05/26 16:33	2
Methylene Chloride	ND		2.0	0.88	ug/L			03/05/26 16:33	2
Styrene	ND		2.0	1.5	ug/L			03/05/26 16:33	2
Tetrachloroethene	ND		2.0	0.72	ug/L			03/05/26 16:33	2
Toluene	ND		2.0	1.0	ug/L			03/05/26 16:33	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			03/05/26 16:33	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			03/05/26 16:33	2
Trichloroethene	ND		2.0	0.92	ug/L			03/05/26 16:33	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			03/05/26 16:33	2
Vinyl chloride	ND		2.0	1.8	ug/L			03/05/26 16:33	2
Xylenes, Total	ND		4.0	1.3	ug/L			03/05/26 16:33	2

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-236618-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E MW-BCP-01
Lab Sample ID: 480-236618-1

Date Collected: 03/04/26 09:30
Matrix: Ground Water

Date Received: 03/04/26 16:20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 120*		*03/05/26 16:33*	*2*
4-Bromofluorobenzene (Surr)	*101*		*73 - 120*		*03/05/26 16:33*	*2*
Toluene-d8 (Surr)	*100*		*80 - 120*		*03/05/26 16:33*	*2*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*03/05/26 16:33*	*2*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/06/26 13:05	03/09/26 16:55	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/06/26 13:05	03/09/26 16:55	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/06/26 13:05	03/09/26 16:55	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/06/26 13:05	03/09/26 16:55	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/06/26 13:05	03/09/26 16:55	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/06/26 13:05	03/09/26 16:55	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 16:55	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/06/26 13:05	03/09/26 16:55	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/06/26 13:05	03/09/26 16:55	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/06/26 13:05	03/09/26 16:55	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 16:55	1
2-Nitroaniline	ND	*+	10	0.42	ug/L		03/06/26 13:05	03/09/26 16:55	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/06/26 13:05	03/09/26 16:55	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 16:55	1
3-Nitroaniline	ND		10	0.48	ug/L		03/06/26 13:05	03/09/26 16:55	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/06/26 13:05	03/09/26 16:55	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/06/26 13:05	03/09/26 16:55	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/06/26 13:05	03/09/26 16:55	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/06/26 13:05	03/09/26 16:55	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/06/26 13:05	03/09/26 16:55	1
4-Methylphenol	**1.0**	**J**	10	0.36	ug/L		03/06/26 13:05	03/09/26 16:55	1
4-Nitroaniline	ND		10	0.25	ug/L		03/06/26 13:05	03/09/26 16:55	1
4-Nitrophenol	ND		10	1.5	ug/L		03/06/26 13:05	03/09/26 16:55	1
Acenaphthene	ND		5.0	0.41	ug/L		03/06/26 13:05	03/09/26 16:55	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/06/26 13:05	03/09/26 16:55	1
Acetophenone	ND		5.0	0.54	ug/L		03/06/26 13:05	03/09/26 16:55	1
Aniline	ND		10	0.61	ug/L		03/06/26 13:05	03/09/26 16:55	1
Anthracene	ND		5.0	0.28	ug/L		03/06/26 13:05	03/09/26 16:55	1
Atrazine	ND	*+	5.0	0.46	ug/L		03/06/26 13:05	03/09/26 16:55	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/06/26 13:05	03/09/26 16:55	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/06/26 13:05	03/09/26 16:55	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/06/26 13:05	03/09/26 16:55	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/06/26 13:05	03/09/26 16:55	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/06/26 13:05	03/09/26 16:55	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/06/26 13:05	03/09/26 16:55	1
Biphenyl	ND		5.0	0.65	ug/L		03/06/26 13:05	03/09/26 16:55	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/06/26 13:05	03/09/26 16:55	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/06/26 13:05	03/09/26 16:55	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 16:55	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		03/06/26 13:05	03/09/26 16:55	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		03/06/26 13:05	03/09/26 16:55	1
Caprolactam	ND		5.0	2.2	ug/L		03/06/26 13:05	03/09/26 16:55	1
Carbazole	ND		5.0	0.30	ug/L		03/06/26 13:05	03/09/26 16:55	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-236618-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E MW-BCP-01
Lab Sample ID: 480-236618-1
Date Collected: 03/04/26 09:30
Matrix: Ground Water
Date Received: 03/04/26 16:20

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		03/06/26 13:05	03/09/26 16:55	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/06/26 13:05	03/09/26 16:55	1
Dibenzofuran	ND		10	0.51	ug/L		03/06/26 13:05	03/09/26 16:55	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/06/26 13:05	03/09/26 16:55	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/06/26 13:05	03/09/26 16:55	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/06/26 13:05	03/09/26 16:55	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/06/26 13:05	03/09/26 16:55	1
Fluoranthene	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 16:55	1
Fluorene	ND		5.0	0.36	ug/L		03/06/26 13:05	03/09/26 16:55	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/06/26 13:05	03/09/26 16:55	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/06/26 13:05	03/09/26 16:55	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/06/26 13:05	03/09/26 16:55	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/06/26 13:05	03/09/26 16:55	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/06/26 13:05	03/09/26 16:55	1
Isophorone	ND		5.0	0.43	ug/L		03/06/26 13:05	03/09/26 16:55	1
Naphthalene	ND		5.0	0.76	ug/L		03/06/26 13:05	03/09/26 16:55	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/06/26 13:05	03/09/26 16:55	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/06/26 13:05	03/09/26 16:55	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/06/26 13:05	03/09/26 16:55	1
Pentachlorophenol	ND		10	2.2	ug/L		03/06/26 13:05	03/09/26 16:55	1
Phenanthrene	ND		5.0	0.44	ug/L		03/06/26 13:05	03/09/26 16:55	1
Phenol	ND		5.0	0.39	ug/L		03/06/26 13:05	03/09/26 16:55	1
Pyrene	ND		5.0	0.34	ug/L		03/06/26 13:05	03/09/26 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*88*		*25 - 144*	*03/06/26 13:05*	*03/09/26 16:55*	*1*
2-Fluorobiphenyl	*89*		*53 - 126*	*03/06/26 13:05*	*03/09/26 16:55*	*1*
2-Fluorophenol	*55*		*24 - 120*	*03/06/26 13:05*	*03/09/26 16:55*	*1*
Nitrobenzene-d5	*89*		*29 - 129*	*03/06/26 13:05*	*03/09/26 16:55*	*1*
Phenol-d5	*41*		*10 - 120*	*03/06/26 13:05*	*03/09/26 16:55*	*1*
p-Terphenyl-d14	*82*		*33 - 132*	*03/06/26 13:05*	*03/09/26 16:55*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7.9**		0.20	0.060	mg/L		03/06/26 09:20	03/09/26 20:57	1
Antimony	ND		0.020	0.0068	mg/L		03/06/26 09:20	03/09/26 20:57	1
Arsenic	ND		0.015	0.0056	mg/L		03/06/26 09:20	03/09/26 20:57	1
Barium	**0.088**		0.0020	0.00070	mg/L		03/06/26 09:20	03/09/26 20:57	1
Beryllium	ND		0.0020	0.00030	mg/L		03/06/26 09:20	03/09/26 20:57	1
Cadmium	ND		0.0020	0.00050	mg/L		03/06/26 09:20	03/09/26 20:57	1
Calcium	**593**		0.50	0.10	mg/L		03/06/26 09:20	03/09/26 20:57	1
Chromium	**0.012**		0.0040	0.0010	mg/L		03/06/26 09:20	03/09/26 20:57	1
Cobalt	**0.017**		0.0040	0.00063	mg/L		03/06/26 09:20	03/09/26 20:57	1
Copper	**0.015**		0.010	0.0016	mg/L		03/06/26 09:20	03/09/26 20:57	1
Iron	**16.3**		0.050	0.019	mg/L		03/06/26 09:20	03/09/26 20:57	1
Lead	**0.0094**	J	0.010	0.0030	mg/L		03/06/26 09:20	03/09/26 20:57	1
Magnesium	**121**		0.20	0.043	mg/L		03/06/26 09:20	03/09/26 20:57	1
Manganese	**9.0**		0.0030	0.00040	mg/L		03/06/26 09:20	03/09/26 20:57	1
Nickel	**0.030**		0.010	0.0013	mg/L		03/06/26 09:20	03/09/26 20:57	1
Potassium	**9.6**		0.50	0.10	mg/L		03/06/26 09:20	03/09/26 20:57	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Wells

Job ID: 480-236618-1

Client Sample ID: BCC Area E MW-BCP-01
Date Collected: 03/04/26 09:30
Date Received: 03/04/26 16:20

Lab Sample ID: 480-236618-1
Matrix: Ground Water

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/06/26 09:20	03/09/26 20:57	1
Silver	**0.0051**	**J ^5- B**	0.0060	0.0017	mg/L		03/06/26 09:20	03/09/26 20:57	1
Sodium	**65.0**		1.0	0.32	mg/L		03/06/26 09:20	03/09/26 20:57	1
Thallium	**0.012**	**J**	0.020	0.010	mg/L		03/06/26 09:20	03/09/26 20:57	1
Vanadium	**0.013**		0.0050	0.0015	mg/L		03/06/26 09:20	03/09/26 20:57	1
Zinc	**0.027**		0.010	0.0015	mg/L		03/06/26 09:20	03/09/26 20:57	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000048**	**J**	0.00020	0.000042	mg/L		03/12/26 10:49	03/12/26 18:41	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-236618-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E MW-BCP-02
Lab Sample ID: 480-236618-2
Date Collected: 03/04/26 10:30
Matrix: Ground Water
Date Received: 03/04/26 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			03/05/26 16:57	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			03/05/26 16:57	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			03/05/26 16:57	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			03/05/26 16:57	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			03/05/26 16:57	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			03/05/26 16:57	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			03/05/26 16:57	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			03/05/26 16:57	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			03/05/26 16:57	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			03/05/26 16:57	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			03/05/26 16:57	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			03/05/26 16:57	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			03/05/26 16:57	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			03/05/26 16:57	2
2-Butanone (MEK)	ND	*+	20	2.6	ug/L			03/05/26 16:57	2
2-Hexanone	ND		10	2.5	ug/L			03/05/26 16:57	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			03/05/26 16:57	2
Acetone	ND		20	6.0	ug/L			03/05/26 16:57	2
Benzene	ND		2.0	0.82	ug/L			03/05/26 16:57	2
Bromodichloromethane	ND		2.0	0.78	ug/L			03/05/26 16:57	2
Bromoform	ND		2.0	0.52	ug/L			03/05/26 16:57	2
Bromomethane	ND		2.0	1.4	ug/L			03/05/26 16:57	2
Carbon disulfide	ND		2.0	0.38	ug/L			03/05/26 16:57	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			03/05/26 16:57	2
Chlorobenzene	**20**		2.0	1.5	ug/L			03/05/26 16:57	2
Chloroethane	ND		2.0	0.64	ug/L			03/05/26 16:57	2
Chloroform	ND		2.0	0.68	ug/L			03/05/26 16:57	2
Chloromethane	ND		2.0	0.70	ug/L			03/05/26 16:57	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			03/05/26 16:57	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			03/05/26 16:57	2
Cyclohexane	ND		2.0	0.36	ug/L			03/05/26 16:57	2
Dibromochloromethane	ND		2.0	0.64	ug/L			03/05/26 16:57	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			03/05/26 16:57	2
Ethylbenzene	ND		2.0	1.5	ug/L			03/05/26 16:57	2
Isopropylbenzene	ND		2.0	1.6	ug/L			03/05/26 16:57	2
Methyl acetate	ND		5.0	2.6	ug/L			03/05/26 16:57	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			03/05/26 16:57	2
Methylcyclohexane	ND		2.0	0.32	ug/L			03/05/26 16:57	2
Methylene Chloride	ND		2.0	0.88	ug/L			03/05/26 16:57	2
Styrene	ND		2.0	1.5	ug/L			03/05/26 16:57	2
Tetrachloroethene	ND		2.0	0.72	ug/L			03/05/26 16:57	2
Toluene	ND		2.0	1.0	ug/L			03/05/26 16:57	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			03/05/26 16:57	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			03/05/26 16:57	2
Trichloroethene	ND		2.0	0.92	ug/L			03/05/26 16:57	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			03/05/26 16:57	2
Vinyl chloride	ND		2.0	1.8	ug/L			03/05/26 16:57	2
Xylenes, Total	ND		4.0	1.3	ug/L			03/05/26 16:57	2

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-236618-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E MW-BCP-02
Lab Sample ID: 480-236618-2

Date Collected: 03/04/26 10:30
Matrix: Ground Water
Date Received: 03/04/26 16:20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*77 - 120*		*03/05/26 16:57*	*2*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*03/05/26 16:57*	*2*
Toluene-d8 (Surr)	*99*		*80 - 120*		*03/05/26 16:57*	*2*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*03/05/26 16:57*	*2*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/06/26 13:05	03/09/26 17:21	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/06/26 13:05	03/09/26 17:21	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/06/26 13:05	03/09/26 17:21	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/06/26 13:05	03/09/26 17:21	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/06/26 13:05	03/09/26 17:21	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/06/26 13:05	03/09/26 17:21	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 17:21	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/06/26 13:05	03/09/26 17:21	1
2-Chlorophenol	**1.3**	**J**	5.0	0.53	ug/L		03/06/26 13:05	03/09/26 17:21	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/06/26 13:05	03/09/26 17:21	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 17:21	1
2-Nitroaniline	ND	*+	10	0.42	ug/L		03/06/26 13:05	03/09/26 17:21	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/06/26 13:05	03/09/26 17:21	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 17:21	1
3-Nitroaniline	ND		10	0.48	ug/L		03/06/26 13:05	03/09/26 17:21	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/06/26 13:05	03/09/26 17:21	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/06/26 13:05	03/09/26 17:21	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/06/26 13:05	03/09/26 17:21	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/06/26 13:05	03/09/26 17:21	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/06/26 13:05	03/09/26 17:21	1
4-Methylphenol	ND		10	0.36	ug/L		03/06/26 13:05	03/09/26 17:21	1
4-Nitroaniline	ND		10	0.25	ug/L		03/06/26 13:05	03/09/26 17:21	1
4-Nitrophenol	ND		10	1.5	ug/L		03/06/26 13:05	03/09/26 17:21	1
Acenaphthene	ND		5.0	0.41	ug/L		03/06/26 13:05	03/09/26 17:21	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/06/26 13:05	03/09/26 17:21	1
Acetophenone	ND		5.0	0.54	ug/L		03/06/26 13:05	03/09/26 17:21	1
Aniline	ND		10	0.61	ug/L		03/06/26 13:05	03/09/26 17:21	1
Anthracene	ND		5.0	0.28	ug/L		03/06/26 13:05	03/09/26 17:21	1
Atrazine	ND	*+	5.0	0.46	ug/L		03/06/26 13:05	03/09/26 17:21	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/06/26 13:05	03/09/26 17:21	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/06/26 13:05	03/09/26 17:21	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/06/26 13:05	03/09/26 17:21	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/06/26 13:05	03/09/26 17:21	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/06/26 13:05	03/09/26 17:21	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/06/26 13:05	03/09/26 17:21	1
Biphenyl	ND		5.0	0.65	ug/L		03/06/26 13:05	03/09/26 17:21	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/06/26 13:05	03/09/26 17:21	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/06/26 13:05	03/09/26 17:21	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 17:21	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		03/06/26 13:05	03/09/26 17:21	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		03/06/26 13:05	03/09/26 17:21	1
Caprolactam	ND		5.0	2.2	ug/L		03/06/26 13:05	03/09/26 17:21	1
Carbazole	ND		5.0	0.30	ug/L		03/06/26 13:05	03/09/26 17:21	1

Client Sample ID: BCC Area E MW-BCP-02
Lab Sample ID: 480-236618-2
Date Collected: 03/04/26 10:30
Matrix: Ground Water
Date Received: 03/04/26 16:20

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		03/06/26 13:05	03/09/26 17:21	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/06/26 13:05	03/09/26 17:21	1
Dibenzofuran	ND		10	0.51	ug/L		03/06/26 13:05	03/09/26 17:21	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/06/26 13:05	03/09/26 17:21	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/06/26 13:05	03/09/26 17:21	1
Di-n-butyl phthalate	**0.37**	**J**	5.0	0.31	ug/L		03/06/26 13:05	03/09/26 17:21	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/06/26 13:05	03/09/26 17:21	1
Fluoranthene	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 17:21	1
Fluorene	ND		5.0	0.36	ug/L		03/06/26 13:05	03/09/26 17:21	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/06/26 13:05	03/09/26 17:21	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/06/26 13:05	03/09/26 17:21	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/06/26 13:05	03/09/26 17:21	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/06/26 13:05	03/09/26 17:21	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/06/26 13:05	03/09/26 17:21	1
Isophorone	ND		5.0	0.43	ug/L		03/06/26 13:05	03/09/26 17:21	1
Naphthalene	ND		5.0	0.76	ug/L		03/06/26 13:05	03/09/26 17:21	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/06/26 13:05	03/09/26 17:21	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/06/26 13:05	03/09/26 17:21	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/06/26 13:05	03/09/26 17:21	1
Pentachlorophenol	ND		10	2.2	ug/L		03/06/26 13:05	03/09/26 17:21	1
Phenanthrene	ND		5.0	0.44	ug/L		03/06/26 13:05	03/09/26 17:21	1
Phenol	ND		5.0	0.39	ug/L		03/06/26 13:05	03/09/26 17:21	1
Pyrene	ND		5.0	0.34	ug/L		03/06/26 13:05	03/09/26 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*75*		*25 - 144*	*03/06/26 13:05*	*03/09/26 17:21*	*1*
2-Fluorobiphenyl	*85*		*53 - 126*	*03/06/26 13:05*	*03/09/26 17:21*	*1*
2-Fluorophenol	*54*		*24 - 120*	*03/06/26 13:05*	*03/09/26 17:21*	*1*
Nitrobenzene-d5	*85*		*29 - 129*	*03/06/26 13:05*	*03/09/26 17:21*	*1*
Phenol-d5	*41*		*10 - 120*	*03/06/26 13:05*	*03/09/26 17:21*	*1*
p-Terphenyl-d14	*78*		*33 - 132*	*03/06/26 13:05*	*03/09/26 17:21*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.14**	**J**	0.20	0.060	mg/L		03/06/26 09:20	03/09/26 21:04	1
Antimony	ND		0.020	0.0068	mg/L		03/06/26 09:20	03/09/26 21:04	1
Arsenic	ND		0.015	0.0056	mg/L		03/06/26 09:20	03/09/26 21:04	1
Barium	**0.026**		0.0020	0.00070	mg/L		03/06/26 09:20	03/09/26 21:04	1
Beryllium	ND		0.0020	0.00030	mg/L		03/06/26 09:20	03/09/26 21:04	1
Cadmium	ND		0.0020	0.00050	mg/L		03/06/26 09:20	03/09/26 21:04	1
Calcium	**560**		0.50	0.10	mg/L		03/06/26 09:20	03/09/26 21:04	1
Chromium	**0.0010**	**J**	0.0040	0.0010	mg/L		03/06/26 09:20	03/09/26 21:04	1
Cobalt	**0.0038**	**J**	0.0040	0.00063	mg/L		03/06/26 09:20	03/09/26 21:04	1
Copper	ND		0.010	0.0016	mg/L		03/06/26 09:20	03/09/26 21:04	1
Iron	**0.27**		0.050	0.019	mg/L		03/06/26 09:20	03/09/26 21:04	1
Lead	ND		0.010	0.0030	mg/L		03/06/26 09:20	03/09/26 21:04	1
Magnesium	**187**		0.20	0.043	mg/L		03/06/26 09:20	03/09/26 21:04	1
Manganese	**0.73**		0.0030	0.00040	mg/L		03/06/26 09:20	03/09/26 21:04	1
Nickel	**0.014**		0.010	0.0013	mg/L		03/06/26 09:20	03/09/26 21:04	1
Potassium	**4.6**		0.50	0.10	mg/L		03/06/26 09:20	03/09/26 21:04	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-236618-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E MW-BCP-02
Lab Sample ID: 480-236618-2
Date Collected: 03/04/26 10:30
Matrix: Ground Water
Date Received: 03/04/26 16:20

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/06/26 09:20	03/09/26 21:04	1
Silver	**0.0044**	**J ^5- B**	0.0060	0.0017	mg/L		03/06/26 09:20	03/09/26 21:04	1
Sodium	**162**		1.0	0.32	mg/L		03/06/26 09:20	03/09/26 21:04	1
Thallium	ND		0.020	0.010	mg/L		03/06/26 09:20	03/09/26 21:04	1
Vanadium	ND		0.0050	0.0015	mg/L		03/06/26 09:20	03/09/26 21:04	1
Zinc	ND		0.010	0.0015	mg/L		03/06/26 09:20	03/09/26 21:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		03/12/26 10:49	03/12/26 18:44	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-236618-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E MW-E05
Lab Sample ID: 480-236618-3
Date Collected: 03/04/26 11:50
Matrix: Ground Water
Date Received: 03/04/26 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	F1	1.0	0.82	ug/L			03/05/26 17:21	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/05/26 17:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/05/26 17:21	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/05/26 17:21	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/05/26 17:21	1
1,1-Dichloroethene	ND	F1 F2	1.0	0.29	ug/L			03/05/26 17:21	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/05/26 17:21	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/05/26 17:21	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/05/26 17:21	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/05/26 17:21	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/05/26 17:21	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/05/26 17:21	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/05/26 17:21	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/05/26 17:21	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			03/05/26 17:21	1
2-Hexanone	ND		5.0	1.2	ug/L			03/05/26 17:21	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/05/26 17:21	1
Acetone	ND		10	3.0	ug/L			03/05/26 17:21	1
Benzene	ND		1.0	0.41	ug/L			03/05/26 17:21	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/05/26 17:21	1
Bromoform	ND		1.0	0.26	ug/L			03/05/26 17:21	1
Bromomethane	ND		1.0	0.69	ug/L			03/05/26 17:21	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/05/26 17:21	1
Carbon tetrachloride	ND	F1	1.0	0.27	ug/L			03/05/26 17:21	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/05/26 17:21	1
Chloroethane	ND	F1 F2	1.0	0.32	ug/L			03/05/26 17:21	1
Chloroform	ND		1.0	0.34	ug/L			03/05/26 17:21	1
Chloromethane	ND		1.0	0.35	ug/L			03/05/26 17:21	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/05/26 17:21	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/05/26 17:21	1
Cyclohexane	ND		1.0	0.18	ug/L			03/05/26 17:21	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/05/26 17:21	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/05/26 17:21	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/05/26 17:21	1
Isopropylbenzene	ND	F1	1.0	0.79	ug/L			03/05/26 17:21	1
Methyl acetate	ND		2.5	1.3	ug/L			03/05/26 17:21	1
Methyl tert-butyl ether	ND	F1	1.0	0.16	ug/L			03/05/26 17:21	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/05/26 17:21	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/05/26 17:21	1
Styrene	ND		1.0	0.73	ug/L			03/05/26 17:21	1
Tetrachloroethene	ND	F1	1.0	0.36	ug/L			03/05/26 17:21	1
Toluene	ND		1.0	0.51	ug/L			03/05/26 17:21	1
trans-1,2-Dichloroethene	ND	F1	1.0	0.90	ug/L			03/05/26 17:21	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/05/26 17:21	1
Trichloroethene	ND	F1	1.0	0.46	ug/L			03/05/26 17:21	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/05/26 17:21	1
Vinyl chloride	ND	F1	1.0	0.90	ug/L			03/05/26 17:21	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/05/26 17:21	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-236618-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E MW-E05

Lab Sample ID: 480-236618-3

Date Collected: 03/04/26 11:50

Matrix: Ground Water

Date Received: 03/04/26 16:20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*77 - 120*		*03/05/26 17:21*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*03/05/26 17:21*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*03/05/26 17:21*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*03/05/26 17:21*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/06/26 13:05	03/09/26 15:11	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/06/26 13:05	03/09/26 15:11	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/06/26 13:05	03/09/26 15:11	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/06/26 13:05	03/09/26 15:11	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/06/26 13:05	03/09/26 15:11	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/06/26 13:05	03/09/26 15:11	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 15:11	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/06/26 13:05	03/09/26 15:11	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/06/26 13:05	03/09/26 15:11	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/06/26 13:05	03/09/26 15:11	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 15:11	1
2-Nitroaniline	ND	*+ F1	10	0.42	ug/L		03/06/26 13:05	03/09/26 15:11	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/06/26 13:05	03/09/26 15:11	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 15:11	1
3-Nitroaniline	ND		10	0.48	ug/L		03/06/26 13:05	03/09/26 15:11	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/06/26 13:05	03/09/26 15:11	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/06/26 13:05	03/09/26 15:11	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/06/26 13:05	03/09/26 15:11	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/06/26 13:05	03/09/26 15:11	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/06/26 13:05	03/09/26 15:11	1
4-Methylphenol	ND		10	0.36	ug/L		03/06/26 13:05	03/09/26 15:11	1
4-Nitroaniline	ND		10	0.25	ug/L		03/06/26 13:05	03/09/26 15:11	1
4-Nitrophenol	ND		10	1.5	ug/L		03/06/26 13:05	03/09/26 15:11	1
Acenaphthene	ND		5.0	0.41	ug/L		03/06/26 13:05	03/09/26 15:11	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/06/26 13:05	03/09/26 15:11	1
Acetophenone	ND		5.0	0.54	ug/L		03/06/26 13:05	03/09/26 15:11	1
Aniline	ND		10	0.61	ug/L		03/06/26 13:05	03/09/26 15:11	1
Anthracene	ND		5.0	0.28	ug/L		03/06/26 13:05	03/09/26 15:11	1
Atrazine	ND	*+	5.0	0.46	ug/L		03/06/26 13:05	03/09/26 15:11	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/06/26 13:05	03/09/26 15:11	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/06/26 13:05	03/09/26 15:11	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/06/26 13:05	03/09/26 15:11	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/06/26 13:05	03/09/26 15:11	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/06/26 13:05	03/09/26 15:11	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/06/26 13:05	03/09/26 15:11	1
Biphenyl	ND		5.0	0.65	ug/L		03/06/26 13:05	03/09/26 15:11	1
bis (2-chloroisopropyl) ether	ND	F1	5.0	0.52	ug/L		03/06/26 13:05	03/09/26 15:11	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/06/26 13:05	03/09/26 15:11	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 15:11	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		03/06/26 13:05	03/09/26 15:11	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		03/06/26 13:05	03/09/26 15:11	1
Caprolactam	ND		5.0	2.2	ug/L		03/06/26 13:05	03/09/26 15:11	1
Carbazole	ND		5.0	0.30	ug/L		03/06/26 13:05	03/09/26 15:11	1

Client Sample ID: BCC Area E MW-E05
Lab Sample ID: 480-236618-3
Date Collected: 03/04/26 11:50
Matrix: Ground Water
Date Received: 03/04/26 16:20

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		03/06/26 13:05	03/09/26 15:11	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/06/26 13:05	03/09/26 15:11	1
Dibenzofuran	ND		10	0.51	ug/L		03/06/26 13:05	03/09/26 15:11	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/06/26 13:05	03/09/26 15:11	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/06/26 13:05	03/09/26 15:11	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/06/26 13:05	03/09/26 15:11	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/06/26 13:05	03/09/26 15:11	1
Fluoranthene	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 15:11	1
Fluorene	ND		5.0	0.36	ug/L		03/06/26 13:05	03/09/26 15:11	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/06/26 13:05	03/09/26 15:11	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/06/26 13:05	03/09/26 15:11	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/06/26 13:05	03/09/26 15:11	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/06/26 13:05	03/09/26 15:11	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/06/26 13:05	03/09/26 15:11	1
Isophorone	ND		5.0	0.43	ug/L		03/06/26 13:05	03/09/26 15:11	1
Naphthalene	ND		5.0	0.76	ug/L		03/06/26 13:05	03/09/26 15:11	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/06/26 13:05	03/09/26 15:11	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/06/26 13:05	03/09/26 15:11	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/06/26 13:05	03/09/26 15:11	1
Pentachlorophenol	ND		10	2.2	ug/L		03/06/26 13:05	03/09/26 15:11	1
Phenanthrene	ND		5.0	0.44	ug/L		03/06/26 13:05	03/09/26 15:11	1
Phenol	ND		5.0	0.39	ug/L		03/06/26 13:05	03/09/26 15:11	1
Pyrene	ND		5.0	0.34	ug/L		03/06/26 13:05	03/09/26 15:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*70*		*25 - 144*	*03/06/26 13:05*	*03/09/26 15:11*	*1*
2-Fluorobiphenyl	*87*		*53 - 126*	*03/06/26 13:05*	*03/09/26 15:11*	*1*
2-Fluorophenol	*60*		*24 - 120*	*03/06/26 13:05*	*03/09/26 15:11*	*1*
Nitrobenzene-d5	*87*		*29 - 129*	*03/06/26 13:05*	*03/09/26 15:11*	*1*
Phenol-d5	*41*		*10 - 120*	*03/06/26 13:05*	*03/09/26 15:11*	*1*
p-Terphenyl-d14	*82*		*33 - 132*	*03/06/26 13:05*	*03/09/26 15:11*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.51**		0.20	0.060	mg/L		03/06/26 09:20	03/09/26 21:06	1
Antimony	ND		0.020	0.0068	mg/L		03/06/26 09:20	03/09/26 21:06	1
Arsenic	ND		0.015	0.0056	mg/L		03/06/26 09:20	03/09/26 21:06	1
Barium	**0.052**		0.0020	0.00070	mg/L		03/06/26 09:20	03/09/26 21:06	1
Beryllium	ND		0.0020	0.00030	mg/L		03/06/26 09:20	03/09/26 21:06	1
Cadmium	**0.011**		0.0020	0.00050	mg/L		03/06/26 09:20	03/09/26 21:06	1
Calcium	**156**		0.50	0.10	mg/L		03/06/26 09:20	03/09/26 21:06	1
Chromium	ND		0.0040	0.0010	mg/L		03/06/26 09:20	03/09/26 21:06	1
Cobalt	**0.0035**	**J**	0.0040	0.00063	mg/L		03/06/26 09:20	03/09/26 21:06	1
Copper	**0.12**		0.010	0.0016	mg/L		03/06/26 09:20	03/09/26 21:06	1
Iron	**0.44**		0.050	0.019	mg/L		03/06/26 09:20	03/09/26 21:06	1
Lead	**0.017**		0.010	0.0030	mg/L		03/06/26 09:20	03/09/26 21:06	1
Magnesium	**17.8**		0.20	0.043	mg/L		03/06/26 09:20	03/09/26 21:06	1
Manganese	**0.037**		0.0030	0.00040	mg/L		03/06/26 09:20	03/09/26 21:06	1
Nickel	**0.014**		0.010	0.0013	mg/L		03/06/26 09:20	03/09/26 21:06	1
Potassium	**4.8**		0.50	0.10	mg/L		03/06/26 09:20	03/09/26 21:06	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-236618-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E MW-E05
Lab Sample ID: 480-236618-3
Date Collected: 03/04/26 11:50
Matrix: Ground Water
Date Received: 03/04/26 16:20

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	**0.022**	**J**	0.025	0.0087	mg/L		03/06/26 09:20	03/09/26 21:06	1
Silver	**0.0043**	**J ^5- B**	0.0060	0.0017	mg/L		03/06/26 09:20	03/09/26 21:06	1
Sodium	**36.9**		1.0	0.32	mg/L		03/06/26 09:20	03/09/26 21:06	1
Thallium	ND		0.020	0.010	mg/L		03/06/26 09:20	03/09/26 21:06	1
Vanadium	ND		0.0050	0.0015	mg/L		03/06/26 09:20	03/09/26 21:06	1
Zinc	**2.6**		0.010	0.0015	mg/L		03/06/26 09:20	03/09/26 21:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		03/12/26 10:49	03/12/26 18:47	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-236618-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E RFI-29
Lab Sample ID: 480-236618-4
Date Collected: 03/04/26 13:50
Matrix: Ground Water
Date Received: 03/04/26 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/05/26 17:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/05/26 17:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/05/26 17:45	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/05/26 17:45	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/05/26 17:45	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/05/26 17:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/05/26 17:45	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/05/26 17:45	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/05/26 17:45	1
1,2-Dichlorobenzene	**5.5**		1.0	0.79	ug/L			03/05/26 17:45	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/05/26 17:45	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/05/26 17:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/05/26 17:45	1
1,4-Dichlorobenzene	**4.3**		1.0	0.84	ug/L			03/05/26 17:45	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			03/05/26 17:45	1
2-Hexanone	ND		5.0	1.2	ug/L			03/05/26 17:45	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/05/26 17:45	1
Acetone	ND		10	3.0	ug/L			03/05/26 17:45	1
Benzene	ND		1.0	0.41	ug/L			03/05/26 17:45	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/05/26 17:45	1
Bromoform	ND		1.0	0.26	ug/L			03/05/26 17:45	1
Bromomethane	ND		1.0	0.69	ug/L			03/05/26 17:45	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/05/26 17:45	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/05/26 17:45	1
Chlorobenzene	**16**		1.0	0.75	ug/L			03/05/26 17:45	1
Chloroethane	ND		1.0	0.32	ug/L			03/05/26 17:45	1
Chloroform	ND		1.0	0.34	ug/L			03/05/26 17:45	1
Chloromethane	ND		1.0	0.35	ug/L			03/05/26 17:45	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/05/26 17:45	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/05/26 17:45	1
Cyclohexane	ND		1.0	0.18	ug/L			03/05/26 17:45	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/05/26 17:45	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/05/26 17:45	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/05/26 17:45	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/05/26 17:45	1
Methyl acetate	ND		2.5	1.3	ug/L			03/05/26 17:45	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/05/26 17:45	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/05/26 17:45	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/05/26 17:45	1
Styrene	ND		1.0	0.73	ug/L			03/05/26 17:45	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/05/26 17:45	1
Toluene	ND		1.0	0.51	ug/L			03/05/26 17:45	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/05/26 17:45	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/05/26 17:45	1
Trichloroethene	ND		1.0	0.46	ug/L			03/05/26 17:45	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/05/26 17:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/05/26 17:45	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/05/26 17:45	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-236618-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E RFI-29
Lab Sample ID: 480-236618-4
Date Collected: 03/04/26 13:50
Matrix: Ground Water
Date Received: 03/04/26 16:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*82*		*77 - 120*		*03/05/26 17:45*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*03/05/26 17:45*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*03/05/26 17:45*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 123*		*03/05/26 17:45*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/06/26 13:05	03/09/26 17:47	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/06/26 13:05	03/09/26 17:47	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/06/26 13:05	03/09/26 17:47	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/06/26 13:05	03/09/26 17:47	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/06/26 13:05	03/09/26 17:47	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/06/26 13:05	03/09/26 17:47	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 17:47	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/06/26 13:05	03/09/26 17:47	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/06/26 13:05	03/09/26 17:47	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/06/26 13:05	03/09/26 17:47	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 17:47	1
2-Nitroaniline	ND	*+	10	0.42	ug/L		03/06/26 13:05	03/09/26 17:47	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/06/26 13:05	03/09/26 17:47	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 17:47	1
3-Nitroaniline	ND		10	0.48	ug/L		03/06/26 13:05	03/09/26 17:47	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/06/26 13:05	03/09/26 17:47	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/06/26 13:05	03/09/26 17:47	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/06/26 13:05	03/09/26 17:47	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/06/26 13:05	03/09/26 17:47	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/06/26 13:05	03/09/26 17:47	1
4-Methylphenol	ND		10	0.36	ug/L		03/06/26 13:05	03/09/26 17:47	1
4-Nitroaniline	ND		10	0.25	ug/L		03/06/26 13:05	03/09/26 17:47	1
4-Nitrophenol	ND		10	1.5	ug/L		03/06/26 13:05	03/09/26 17:47	1
Acenaphthene	ND		5.0	0.41	ug/L		03/06/26 13:05	03/09/26 17:47	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/06/26 13:05	03/09/26 17:47	1
Acetophenone	ND		5.0	0.54	ug/L		03/06/26 13:05	03/09/26 17:47	1
Aniline	ND		10	0.61	ug/L		03/06/26 13:05	03/09/26 17:47	1
Anthracene	ND		5.0	0.28	ug/L		03/06/26 13:05	03/09/26 17:47	1
Atrazine	ND	*+	5.0	0.46	ug/L		03/06/26 13:05	03/09/26 17:47	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/06/26 13:05	03/09/26 17:47	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/06/26 13:05	03/09/26 17:47	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/06/26 13:05	03/09/26 17:47	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/06/26 13:05	03/09/26 17:47	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/06/26 13:05	03/09/26 17:47	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/06/26 13:05	03/09/26 17:47	1
Biphenyl	ND		5.0	0.65	ug/L		03/06/26 13:05	03/09/26 17:47	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/06/26 13:05	03/09/26 17:47	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/06/26 13:05	03/09/26 17:47	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 17:47	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		03/06/26 13:05	03/09/26 17:47	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		03/06/26 13:05	03/09/26 17:47	1
Caprolactam	ND		5.0	2.2	ug/L		03/06/26 13:05	03/09/26 17:47	1
Carbazole	ND		5.0	0.30	ug/L		03/06/26 13:05	03/09/26 17:47	1

Client Sample ID: BCC Area E RFI-29
Lab Sample ID: 480-236618-4
Date Collected: 03/04/26 13:50
Matrix: Ground Water
Date Received: 03/04/26 16:20

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		03/06/26 13:05	03/09/26 17:47	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/06/26 13:05	03/09/26 17:47	1
Dibenzofuran	ND		10	0.51	ug/L		03/06/26 13:05	03/09/26 17:47	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/06/26 13:05	03/09/26 17:47	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/06/26 13:05	03/09/26 17:47	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/06/26 13:05	03/09/26 17:47	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/06/26 13:05	03/09/26 17:47	1
Fluoranthene	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 17:47	1
Fluorene	ND		5.0	0.36	ug/L		03/06/26 13:05	03/09/26 17:47	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/06/26 13:05	03/09/26 17:47	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/06/26 13:05	03/09/26 17:47	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/06/26 13:05	03/09/26 17:47	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/06/26 13:05	03/09/26 17:47	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/06/26 13:05	03/09/26 17:47	1
Isophorone	ND		5.0	0.43	ug/L		03/06/26 13:05	03/09/26 17:47	1
Naphthalene	ND		5.0	0.76	ug/L		03/06/26 13:05	03/09/26 17:47	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/06/26 13:05	03/09/26 17:47	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/06/26 13:05	03/09/26 17:47	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/06/26 13:05	03/09/26 17:47	1
Pentachlorophenol	ND		10	2.2	ug/L		03/06/26 13:05	03/09/26 17:47	1
Phenanthrene	ND		5.0	0.44	ug/L		03/06/26 13:05	03/09/26 17:47	1
Phenol	ND		5.0	0.39	ug/L		03/06/26 13:05	03/09/26 17:47	1
Pyrene	ND		5.0	0.34	ug/L		03/06/26 13:05	03/09/26 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*87*		*25 - 144*	*03/06/26 13:05*	*03/09/26 17:47*	*1*
2-Fluorobiphenyl	*79*		*53 - 126*	*03/06/26 13:05*	*03/09/26 17:47*	*1*
2-Fluorophenol	*51*		*24 - 120*	*03/06/26 13:05*	*03/09/26 17:47*	*1*
Nitrobenzene-d5	*81*		*29 - 129*	*03/06/26 13:05*	*03/09/26 17:47*	*1*
Phenol-d5	*37*		*10 - 120*	*03/06/26 13:05*	*03/09/26 17:47*	*1*
p-Terphenyl-d14	*92*		*33 - 132*	*03/06/26 13:05*	*03/09/26 17:47*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/06/26 09:20	03/09/26 21:17	1
Antimony	ND		0.020	0.0068	mg/L		03/06/26 09:20	03/09/26 21:17	1
Arsenic	**0.0081**	**J**	0.015	0.0056	mg/L		03/06/26 09:20	03/09/26 21:17	1
Barium	**0.039**		0.0020	0.00070	mg/L		03/06/26 09:20	03/09/26 21:17	1
Beryllium	ND		0.0020	0.00030	mg/L		03/06/26 09:20	03/09/26 21:17	1
Cadmium	ND		0.0020	0.00050	mg/L		03/06/26 09:20	03/09/26 21:17	1
Calcium	**112**		0.50	0.10	mg/L		03/06/26 09:20	03/09/26 21:17	1
Chromium	ND		0.0040	0.0010	mg/L		03/06/26 09:20	03/09/26 21:17	1
Cobalt	ND		0.0040	0.00063	mg/L		03/06/26 09:20	03/09/26 21:17	1
Copper	ND		0.010	0.0016	mg/L		03/06/26 09:20	03/09/26 21:17	1
Iron	**0.48**		0.050	0.019	mg/L		03/06/26 09:20	03/09/26 21:17	1
Lead	ND		0.010	0.0030	mg/L		03/06/26 09:20	03/09/26 21:17	1
Magnesium	**18.0**		0.20	0.043	mg/L		03/06/26 09:20	03/09/26 21:17	1
Manganese	**0.18**		0.0030	0.00040	mg/L		03/06/26 09:20	03/09/26 21:17	1
Nickel	ND		0.010	0.0013	mg/L		03/06/26 09:20	03/09/26 21:17	1
Potassium	**6.8**		0.50	0.10	mg/L		03/06/26 09:20	03/09/26 21:17	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Wells

Job ID: 480-236618-1

Client Sample ID: BCC Area E RFI-29

Date Collected: 03/04/26 13:50
Date Received: 03/04/26 16:20

Lab Sample ID: 480-236618-4

Matrix: Ground Water

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/06/26 09:20	03/09/26 21:17	1
Silver	**0.0048**	**J ^5- B**	0.0060	0.0017	mg/L		03/06/26 09:20	03/09/26 21:17	1
Sodium	**74.1**		1.0	0.32	mg/L		03/06/26 09:20	03/09/26 21:17	1
Thallium	ND		0.020	0.010	mg/L		03/06/26 09:20	03/09/26 21:17	1
Vanadium	ND		0.0050	0.0015	mg/L		03/06/26 09:20	03/09/26 21:17	1
Zinc	**0.0023**	**J**	0.010	0.0015	mg/L		03/06/26 09:20	03/09/26 21:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		03/12/26 10:49	03/12/26 19:04	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-236618-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E RFI-33
Lab Sample ID: 480-236618-5
Date Collected: 03/04/26 14:35
Matrix: Ground Water
Date Received: 03/04/26 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/05/26 18:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/05/26 18:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/05/26 18:09	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/05/26 18:09	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/05/26 18:09	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/05/26 18:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/05/26 18:09	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/05/26 18:09	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/05/26 18:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/05/26 18:09	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/05/26 18:09	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/05/26 18:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/05/26 18:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/05/26 18:09	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			03/05/26 18:09	1
2-Hexanone	ND		5.0	1.2	ug/L			03/05/26 18:09	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/05/26 18:09	1
Acetone	ND		10	3.0	ug/L			03/05/26 18:09	1
Benzene	ND		1.0	0.41	ug/L			03/05/26 18:09	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/05/26 18:09	1
Bromoform	ND		1.0	0.26	ug/L			03/05/26 18:09	1
Bromomethane	ND		1.0	0.69	ug/L			03/05/26 18:09	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/05/26 18:09	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/05/26 18:09	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/05/26 18:09	1
Chloroethane	ND		1.0	0.32	ug/L			03/05/26 18:09	1
Chloroform	ND		1.0	0.34	ug/L			03/05/26 18:09	1
Chloromethane	ND		1.0	0.35	ug/L			03/05/26 18:09	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/05/26 18:09	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/05/26 18:09	1
Cyclohexane	ND		1.0	0.18	ug/L			03/05/26 18:09	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/05/26 18:09	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/05/26 18:09	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/05/26 18:09	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/05/26 18:09	1
Methyl acetate	ND		2.5	1.3	ug/L			03/05/26 18:09	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/05/26 18:09	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/05/26 18:09	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/05/26 18:09	1
Styrene	ND		1.0	0.73	ug/L			03/05/26 18:09	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/05/26 18:09	1
Toluene	ND		1.0	0.51	ug/L			03/05/26 18:09	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/05/26 18:09	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/05/26 18:09	1
Trichloroethene	ND		1.0	0.46	ug/L			03/05/26 18:09	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/05/26 18:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/05/26 18:09	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/05/26 18:09	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-236618-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E RFI-33
Lab Sample ID: 480-236618-5

Date Collected: 03/04/26 14:35
Matrix: Ground Water
Date Received: 03/04/26 16:20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*87*		*77 - 120*		*03/05/26 18:09*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*03/05/26 18:09*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*03/05/26 18:09*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*03/05/26 18:09*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/06/26 13:05	03/09/26 18:13	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/06/26 13:05	03/09/26 18:13	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/06/26 13:05	03/09/26 18:13	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/06/26 13:05	03/09/26 18:13	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/06/26 13:05	03/09/26 18:13	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/06/26 13:05	03/09/26 18:13	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 18:13	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/06/26 13:05	03/09/26 18:13	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/06/26 13:05	03/09/26 18:13	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/06/26 13:05	03/09/26 18:13	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 18:13	1
2-Nitroaniline	ND	*+	10	0.42	ug/L		03/06/26 13:05	03/09/26 18:13	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/06/26 13:05	03/09/26 18:13	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 18:13	1
3-Nitroaniline	ND		10	0.48	ug/L		03/06/26 13:05	03/09/26 18:13	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/06/26 13:05	03/09/26 18:13	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/06/26 13:05	03/09/26 18:13	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/06/26 13:05	03/09/26 18:13	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/06/26 13:05	03/09/26 18:13	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/06/26 13:05	03/09/26 18:13	1
4-Methylphenol	ND		10	0.36	ug/L		03/06/26 13:05	03/09/26 18:13	1
4-Nitroaniline	ND		10	0.25	ug/L		03/06/26 13:05	03/09/26 18:13	1
4-Nitrophenol	ND		10	1.5	ug/L		03/06/26 13:05	03/09/26 18:13	1
Acenaphthene	ND		5.0	0.41	ug/L		03/06/26 13:05	03/09/26 18:13	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/06/26 13:05	03/09/26 18:13	1
Acetophenone	ND		5.0	0.54	ug/L		03/06/26 13:05	03/09/26 18:13	1
Aniline	ND		10	0.61	ug/L		03/06/26 13:05	03/09/26 18:13	1
Anthracene	ND		5.0	0.28	ug/L		03/06/26 13:05	03/09/26 18:13	1
Atrazine	ND	*+	5.0	0.46	ug/L		03/06/26 13:05	03/09/26 18:13	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/06/26 13:05	03/09/26 18:13	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/06/26 13:05	03/09/26 18:13	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/06/26 13:05	03/09/26 18:13	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/06/26 13:05	03/09/26 18:13	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/06/26 13:05	03/09/26 18:13	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/06/26 13:05	03/09/26 18:13	1
Biphenyl	ND		5.0	0.65	ug/L		03/06/26 13:05	03/09/26 18:13	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/06/26 13:05	03/09/26 18:13	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/06/26 13:05	03/09/26 18:13	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 18:13	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		03/06/26 13:05	03/09/26 18:13	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		03/06/26 13:05	03/09/26 18:13	1
Caprolactam	ND		5.0	2.2	ug/L		03/06/26 13:05	03/09/26 18:13	1
Carbazole	ND		5.0	0.30	ug/L		03/06/26 13:05	03/09/26 18:13	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-236618-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E RFI-33
Lab Sample ID: 480-236618-5
Date Collected: 03/04/26 14:35
Matrix: Ground Water
Date Received: 03/04/26 16:20

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		03/06/26 13:05	03/09/26 18:13	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/06/26 13:05	03/09/26 18:13	1
Dibenzofuran	ND		10	0.51	ug/L		03/06/26 13:05	03/09/26 18:13	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/06/26 13:05	03/09/26 18:13	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/06/26 13:05	03/09/26 18:13	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/06/26 13:05	03/09/26 18:13	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/06/26 13:05	03/09/26 18:13	1
Fluoranthene	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 18:13	1
Fluorene	ND		5.0	0.36	ug/L		03/06/26 13:05	03/09/26 18:13	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/06/26 13:05	03/09/26 18:13	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/06/26 13:05	03/09/26 18:13	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/06/26 13:05	03/09/26 18:13	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/06/26 13:05	03/09/26 18:13	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/06/26 13:05	03/09/26 18:13	1
Isophorone	ND		5.0	0.43	ug/L		03/06/26 13:05	03/09/26 18:13	1
Naphthalene	ND		5.0	0.76	ug/L		03/06/26 13:05	03/09/26 18:13	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/06/26 13:05	03/09/26 18:13	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/06/26 13:05	03/09/26 18:13	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/06/26 13:05	03/09/26 18:13	1
Pentachlorophenol	ND		10	2.2	ug/L		03/06/26 13:05	03/09/26 18:13	1
Phenanthrene	ND		5.0	0.44	ug/L		03/06/26 13:05	03/09/26 18:13	1
Phenol	ND		5.0	0.39	ug/L		03/06/26 13:05	03/09/26 18:13	1
Pyrene	ND		5.0	0.34	ug/L		03/06/26 13:05	03/09/26 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*77*		*25 - 144*	*03/06/26 13:05*	*03/09/26 18:13*	*1*
2-Fluorobiphenyl	*93*		*53 - 126*	*03/06/26 13:05*	*03/09/26 18:13*	*1*
2-Fluorophenol	*61*		*24 - 120*	*03/06/26 13:05*	*03/09/26 18:13*	*1*
Nitrobenzene-d5	*94*		*29 - 129*	*03/06/26 13:05*	*03/09/26 18:13*	*1*
Phenol-d5	*43*		*10 - 120*	*03/06/26 13:05*	*03/09/26 18:13*	*1*
p-Terphenyl-d14	*89*		*33 - 132*	*03/06/26 13:05*	*03/09/26 18:13*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.082**	**J**	0.20	0.060	mg/L		03/06/26 09:20	03/09/26 21:19	1
Antimony	ND		0.020	0.0068	mg/L		03/06/26 09:20	03/09/26 21:19	1
Arsenic	ND		0.015	0.0056	mg/L		03/06/26 09:20	03/09/26 21:19	1
Barium	**0.024**		0.0020	0.00070	mg/L		03/06/26 09:20	03/09/26 21:19	1
Beryllium	ND		0.0020	0.00030	mg/L		03/06/26 09:20	03/09/26 21:19	1
Cadmium	ND		0.0020	0.00050	mg/L		03/06/26 09:20	03/09/26 21:19	1
Calcium	**72.4**		0.50	0.10	mg/L		03/06/26 09:20	03/09/26 21:19	1
Chromium	**0.0034**	**J**	0.0040	0.0010	mg/L		03/06/26 09:20	03/09/26 21:19	1
Cobalt	ND		0.0040	0.00063	mg/L		03/06/26 09:20	03/09/26 21:19	1
Copper	**0.0022**	**J**	0.010	0.0016	mg/L		03/06/26 09:20	03/09/26 21:19	1
Iron	**0.096**		0.050	0.019	mg/L		03/06/26 09:20	03/09/26 21:19	1
Lead	ND		0.010	0.0030	mg/L		03/06/26 09:20	03/09/26 21:19	1
Magnesium	**6.8**		0.20	0.043	mg/L		03/06/26 09:20	03/09/26 21:19	1
Manganese	**0.011**		0.0030	0.00040	mg/L		03/06/26 09:20	03/09/26 21:19	1
Nickel	**0.0030**	**J**	0.010	0.0013	mg/L		03/06/26 09:20	03/09/26 21:19	1
Potassium	**0.94**		0.50	0.10	mg/L		03/06/26 09:20	03/09/26 21:19	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Wells

Job ID: 480-236618-1

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-236618-5

Date Collected: 03/04/26 14:35

Matrix: Ground Water

Date Received: 03/04/26 16:20

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/06/26 09:20	03/09/26 21:19	1
Silver	**0.0047**	**J ^5- B**	0.0060	0.0017	mg/L		03/06/26 09:20	03/09/26 21:19	1
Sodium	**24.7**		1.0	0.32	mg/L		03/06/26 09:20	03/09/26 21:19	1
Thallium	ND		0.020	0.010	mg/L		03/06/26 09:20	03/09/26 21:19	1
Vanadium	**0.0018**	**J**	0.0050	0.0015	mg/L		03/06/26 09:20	03/09/26 21:19	1
Zinc	**0.0055**	**J**	0.010	0.0015	mg/L		03/06/26 09:20	03/09/26 21:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		03/12/26 10:49	03/12/26 19:07	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-236618-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E MW-BCP-02D
Lab Sample ID: 480-236618-6
Date Collected: 03/04/26 10:30
Matrix: Wastewater
Date Received: 03/04/26 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			03/05/26 18:32	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			03/05/26 18:32	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			03/05/26 18:32	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			03/05/26 18:32	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			03/05/26 18:32	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			03/05/26 18:32	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			03/05/26 18:32	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			03/05/26 18:32	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			03/05/26 18:32	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			03/05/26 18:32	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			03/05/26 18:32	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			03/05/26 18:32	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			03/05/26 18:32	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			03/05/26 18:32	2
2-Butanone (MEK)	ND	*+	20	2.6	ug/L			03/05/26 18:32	2
2-Hexanone	ND		10	2.5	ug/L			03/05/26 18:32	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			03/05/26 18:32	2
Acetone	ND		20	6.0	ug/L			03/05/26 18:32	2
Benzene	ND		2.0	0.82	ug/L			03/05/26 18:32	2
Bromodichloromethane	ND		2.0	0.78	ug/L			03/05/26 18:32	2
Bromoform	ND		2.0	0.52	ug/L			03/05/26 18:32	2
Bromomethane	ND		2.0	1.4	ug/L			03/05/26 18:32	2
Carbon disulfide	ND		2.0	0.38	ug/L			03/05/26 18:32	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			03/05/26 18:32	2
Chlorobenzene	**32**		2.0	1.5	ug/L			03/05/26 18:32	2
Chloroethane	ND		2.0	0.64	ug/L			03/05/26 18:32	2
Chloroform	ND		2.0	0.68	ug/L			03/05/26 18:32	2
Chloromethane	ND		2.0	0.70	ug/L			03/05/26 18:32	2
cis-1,2-Dichloroethene	ND		2.0	1.6	ug/L			03/05/26 18:32	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			03/05/26 18:32	2
Cyclohexane	ND		2.0	0.36	ug/L			03/05/26 18:32	2
Dibromochloromethane	ND		2.0	0.64	ug/L			03/05/26 18:32	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			03/05/26 18:32	2
Ethylbenzene	ND		2.0	1.5	ug/L			03/05/26 18:32	2
Isopropylbenzene	ND		2.0	1.6	ug/L			03/05/26 18:32	2
Methyl acetate	ND		5.0	2.6	ug/L			03/05/26 18:32	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			03/05/26 18:32	2
Methylcyclohexane	ND		2.0	0.32	ug/L			03/05/26 18:32	2
Methylene Chloride	ND		2.0	0.88	ug/L			03/05/26 18:32	2
Styrene	ND		2.0	1.5	ug/L			03/05/26 18:32	2
Tetrachloroethene	ND		2.0	0.72	ug/L			03/05/26 18:32	2
Toluene	ND		2.0	1.0	ug/L			03/05/26 18:32	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			03/05/26 18:32	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			03/05/26 18:32	2
Trichloroethene	ND		2.0	0.92	ug/L			03/05/26 18:32	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			03/05/26 18:32	2
Vinyl chloride	ND		2.0	1.8	ug/L			03/05/26 18:32	2
Xylenes, Total	ND		4.0	1.3	ug/L			03/05/26 18:32	2

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-236618-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E MW-BCP-02D

Lab Sample ID: 480-236618-6

Date Collected: 03/04/26 10:30

Matrix: Wastewater

Date Received: 03/04/26 16:20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*77 - 120*		*03/05/26 18:32*	*2*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*03/05/26 18:32*	*2*
Toluene-d8 (Surr)	*102*		*80 - 120*		*03/05/26 18:32*	*2*
Dibromofluoromethane (Surr)	*95*		*75 - 123*		*03/05/26 18:32*	*2*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/06/26 13:05	03/09/26 18:39	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/06/26 13:05	03/09/26 18:39	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/06/26 13:05	03/09/26 18:39	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/06/26 13:05	03/09/26 18:39	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/06/26 13:05	03/09/26 18:39	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/06/26 13:05	03/09/26 18:39	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 18:39	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/06/26 13:05	03/09/26 18:39	1
2-Chlorophenol	**1.3**	**J**	5.0	0.53	ug/L		03/06/26 13:05	03/09/26 18:39	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/06/26 13:05	03/09/26 18:39	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 18:39	1
2-Nitroaniline	ND	*+	10	0.42	ug/L		03/06/26 13:05	03/09/26 18:39	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/06/26 13:05	03/09/26 18:39	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 18:39	1
3-Nitroaniline	ND		10	0.48	ug/L		03/06/26 13:05	03/09/26 18:39	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/06/26 13:05	03/09/26 18:39	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/06/26 13:05	03/09/26 18:39	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/06/26 13:05	03/09/26 18:39	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/06/26 13:05	03/09/26 18:39	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/06/26 13:05	03/09/26 18:39	1
4-Methylphenol	ND		10	0.36	ug/L		03/06/26 13:05	03/09/26 18:39	1
4-Nitroaniline	ND		10	0.25	ug/L		03/06/26 13:05	03/09/26 18:39	1
4-Nitrophenol	ND		10	1.5	ug/L		03/06/26 13:05	03/09/26 18:39	1
Acenaphthene	ND		5.0	0.41	ug/L		03/06/26 13:05	03/09/26 18:39	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/06/26 13:05	03/09/26 18:39	1
Acetophenone	ND		5.0	0.54	ug/L		03/06/26 13:05	03/09/26 18:39	1
Aniline	ND		10	0.61	ug/L		03/06/26 13:05	03/09/26 18:39	1
Anthracene	ND		5.0	0.28	ug/L		03/06/26 13:05	03/09/26 18:39	1
Atrazine	ND	*+	5.0	0.46	ug/L		03/06/26 13:05	03/09/26 18:39	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/06/26 13:05	03/09/26 18:39	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/06/26 13:05	03/09/26 18:39	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/06/26 13:05	03/09/26 18:39	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/06/26 13:05	03/09/26 18:39	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/06/26 13:05	03/09/26 18:39	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/06/26 13:05	03/09/26 18:39	1
Biphenyl	ND		5.0	0.65	ug/L		03/06/26 13:05	03/09/26 18:39	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/06/26 13:05	03/09/26 18:39	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/06/26 13:05	03/09/26 18:39	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 18:39	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		03/06/26 13:05	03/09/26 18:39	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		03/06/26 13:05	03/09/26 18:39	1
Caprolactam	ND		5.0	2.2	ug/L		03/06/26 13:05	03/09/26 18:39	1
Carbazole	ND		5.0	0.30	ug/L		03/06/26 13:05	03/09/26 18:39	1

Client Sample ID: BCC Area E MW-BCP-02D
Lab Sample ID: 480-236618-6
Date Collected: 03/04/26 10:30
Matrix: Wastewater
Date Received: 03/04/26 16:20

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		03/06/26 13:05	03/09/26 18:39	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/06/26 13:05	03/09/26 18:39	1
Dibenzofuran	ND		10	0.51	ug/L		03/06/26 13:05	03/09/26 18:39	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/06/26 13:05	03/09/26 18:39	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/06/26 13:05	03/09/26 18:39	1
Di-n-butyl phthalate	**0.34**	**J**	5.0	0.31	ug/L		03/06/26 13:05	03/09/26 18:39	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/06/26 13:05	03/09/26 18:39	1
Fluoranthene	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 18:39	1
Fluorene	ND		5.0	0.36	ug/L		03/06/26 13:05	03/09/26 18:39	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/06/26 13:05	03/09/26 18:39	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/06/26 13:05	03/09/26 18:39	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/06/26 13:05	03/09/26 18:39	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/06/26 13:05	03/09/26 18:39	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/06/26 13:05	03/09/26 18:39	1
Isophorone	ND		5.0	0.43	ug/L		03/06/26 13:05	03/09/26 18:39	1
Naphthalene	ND		5.0	0.76	ug/L		03/06/26 13:05	03/09/26 18:39	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/06/26 13:05	03/09/26 18:39	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/06/26 13:05	03/09/26 18:39	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/06/26 13:05	03/09/26 18:39	1
Pentachlorophenol	ND		10	2.2	ug/L		03/06/26 13:05	03/09/26 18:39	1
Phenanthrene	ND		5.0	0.44	ug/L		03/06/26 13:05	03/09/26 18:39	1
Phenol	ND		5.0	0.39	ug/L		03/06/26 13:05	03/09/26 18:39	1
Pyrene	ND		5.0	0.34	ug/L		03/06/26 13:05	03/09/26 18:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*72*		*25 - 144*	*03/06/26 13:05*	*03/09/26 18:39*	*1*
2-Fluorobiphenyl	*74*		*53 - 126*	*03/06/26 13:05*	*03/09/26 18:39*	*1*
2-Fluorophenol	*55*		*24 - 120*	*03/06/26 13:05*	*03/09/26 18:39*	*1*
Nitrobenzene-d5	*78*		*29 - 129*	*03/06/26 13:05*	*03/09/26 18:39*	*1*
Phenol-d5	*39*		*10 - 120*	*03/06/26 13:05*	*03/09/26 18:39*	*1*
p-Terphenyl-d14	*65*		*33 - 132*	*03/06/26 13:05*	*03/09/26 18:39*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.11**	**J**	0.20	0.060	mg/L		03/06/26 09:20	03/09/26 21:21	1
Antimony	ND		0.020	0.0068	mg/L		03/06/26 09:20	03/09/26 21:21	1
Arsenic	ND		0.015	0.0056	mg/L		03/06/26 09:20	03/09/26 21:21	1
Barium	**0.025**		0.0020	0.00070	mg/L		03/06/26 09:20	03/09/26 21:21	1
Beryllium	ND		0.0020	0.00030	mg/L		03/06/26 09:20	03/09/26 21:21	1
Cadmium	ND		0.0020	0.00050	mg/L		03/06/26 09:20	03/09/26 21:21	1
Calcium	**553**		0.50	0.10	mg/L		03/06/26 09:20	03/09/26 21:21	1
Chromium	ND		0.0040	0.0010	mg/L		03/06/26 09:20	03/09/26 21:21	1
Cobalt	**0.0039**	**J**	0.0040	0.00063	mg/L		03/06/26 09:20	03/09/26 21:21	1
Copper	ND		0.010	0.0016	mg/L		03/06/26 09:20	03/09/26 21:21	1
Iron	**0.41**		0.050	0.019	mg/L		03/06/26 09:20	03/09/26 21:21	1
Lead	ND		0.010	0.0030	mg/L		03/06/26 09:20	03/09/26 21:21	1
Magnesium	**186**		0.20	0.043	mg/L		03/06/26 09:20	03/09/26 21:21	1
Manganese	**0.75**		0.0030	0.00040	mg/L		03/06/26 09:20	03/09/26 21:21	1
Nickel	**0.022**		0.010	0.0013	mg/L		03/06/26 09:20	03/09/26 21:21	1
Potassium	**4.4**		0.50	0.10	mg/L		03/06/26 09:20	03/09/26 21:21	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Wells

Job ID: 480-236618-1

Client Sample ID: BCC Area E MW-BCP-02D
Date Collected: 03/04/26 10:30
Date Received: 03/04/26 16:20

Lab Sample ID: 480-236618-6
Matrix: Wastewater

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		03/06/26 09:20	03/09/26 21:21	1
Silver	**0.0045**	**J ^5- B**	0.0060	0.0017	mg/L		03/06/26 09:20	03/09/26 21:21	1
Sodium	**158**		1.0	0.32	mg/L		03/06/26 09:20	03/09/26 21:21	1
Thallium	ND		0.020	0.010	mg/L		03/06/26 09:20	03/09/26 21:21	1
Vanadium	ND		0.0050	0.0015	mg/L		03/06/26 09:20	03/09/26 21:21	1
Zinc	**0.010**		0.010	0.0015	mg/L		03/06/26 09:20	03/09/26 21:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		03/12/26 10:49	03/12/26 19:09	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-236618-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-236618-7
Date Collected: 03/04/26 00:00
Matrix: Water
Date Received: 03/04/26 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/05/26 18:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/05/26 18:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/05/26 18:56	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/05/26 18:56	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/05/26 18:56	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/05/26 18:56	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/05/26 18:56	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/05/26 18:56	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/05/26 18:56	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/05/26 18:56	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/05/26 18:56	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/05/26 18:56	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/05/26 18:56	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/05/26 18:56	1
2-Butanone (MEK)	ND	*+	10	1.3	ug/L			03/05/26 18:56	1
2-Hexanone	ND		5.0	1.2	ug/L			03/05/26 18:56	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/05/26 18:56	1
Acetone	ND		10	3.0	ug/L			03/05/26 18:56	1
Benzene	ND		1.0	0.41	ug/L			03/05/26 18:56	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/05/26 18:56	1
Bromoform	ND		1.0	0.26	ug/L			03/05/26 18:56	1
Bromomethane	ND		1.0	0.69	ug/L			03/05/26 18:56	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/05/26 18:56	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/05/26 18:56	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/05/26 18:56	1
Chloroethane	ND		1.0	0.32	ug/L			03/05/26 18:56	1
Chloroform	ND		1.0	0.34	ug/L			03/05/26 18:56	1
Chloromethane	ND		1.0	0.35	ug/L			03/05/26 18:56	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/05/26 18:56	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/05/26 18:56	1
Cyclohexane	ND		1.0	0.18	ug/L			03/05/26 18:56	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/05/26 18:56	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/05/26 18:56	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/05/26 18:56	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/05/26 18:56	1
Methyl acetate	ND		2.5	1.3	ug/L			03/05/26 18:56	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/05/26 18:56	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/05/26 18:56	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/05/26 18:56	1
Styrene	ND		1.0	0.73	ug/L			03/05/26 18:56	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/05/26 18:56	1
Toluene	ND		1.0	0.51	ug/L			03/05/26 18:56	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/05/26 18:56	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/05/26 18:56	1
Trichloroethene	ND		1.0	0.46	ug/L			03/05/26 18:56	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/05/26 18:56	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/05/26 18:56	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/05/26 18:56	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-236618-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-236618-7
Date Collected: 03/04/26 00:00
Matrix: Water
Date Received: 03/04/26 16:20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	83		77 - 120		03/05/26 18:56	1
4-Bromofluorobenzene (Surr)	105		73 - 120		03/05/26 18:56	1
Toluene-d8 (Surr)	105		80 - 120		03/05/26 18:56	1
Dibromofluoromethane (Surr)	94		75 - 123		03/05/26 18:56	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Wells

Job ID: 480-236618-1

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

Matrix: Ground Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-236618-1	BCC Area E MW-BCP-01	90	101	100	95
480-236618-2	BCC Area E MW-BCP-02	84	97	99	98
480-236618-3	BCC Area E MW-E05	83	103	102	98
480-236618-3 MS	BCC Area E MW-E05 MS	80	106	102	95
480-236618-3 MSD	BCC Area E MW-E05 MSD	92	108	104	99
480-236618-4	BCC Area E RFI-29	82	104	104	100
480-236618-5	BCC Area E RFI-33	87	102	101	98

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

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

Matrix: Wastewater — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-236618-6	BCC Area E MW-BCP-02D	85	107	102	95

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-236618-7	TRIP BLANK	83	105	105	94
LCS 480-769302/6	Lab Control Sample	109	111	95	107
MB 480-769302/9	Method Blank	106	107	94	102

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Ground Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(25-144)	(53-126)	(24-120)	(29-129)	(10-120)	(33-132)
480-236618-1	BCC Area E MW-BCP-01	88	89	55	89	41	82
480-236618-2	BCC Area E MW-BCP-02	75	85	54	85	41	78

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-236618-1
Project/Site: Buffalo Color Area E Wells

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Ground Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(25-144)	(53-126)	(24-120)	(29-129)	(10-120)	(33-132)
480-236618-3	BCC Area E MW-E05	70	87	60	87	41	82
480-236618-3 MS	BCC Area E MW-E05 MS	85	91	60	97	48	75
480-236618-3 MSD	BCC Area E MW-E05 MSD	84	94	63	107	51	75
480-236618-4	BCC Area E RFI-29	87	79	51	81	37	92
480-236618-5	BCC Area E RFI-33	77	93	61	94	43	89

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPHd14 = p-Terphenyl-d14

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Wastewater
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(25-144)	(53-126)	(24-120)	(29-129)	(10-120)	(33-132)
480-236618-6	BCC Area E MW-BCP-02D	72	74	55	78	39	65

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPHd14 = p-Terphenyl-d14

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(25-144)	(53-126)	(24-120)	(29-129)	(10-120)	(33-132)
LCS 480-769427/2-A	Lab Control Sample	81	86	61	97	51	100
MB 480-769427/1-A	Method Blank	69	75	56	81	42	95

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPHd14 = p-Terphenyl-d14

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Wells

Job ID: 480-236618-1

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

Lab Sample ID: MB 480-769302/9
Matrix: Water
Analysis Batch: 769302

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			03/05/26 12:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			03/05/26 12:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			03/05/26 12:34	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			03/05/26 12:34	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			03/05/26 12:34	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			03/05/26 12:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			03/05/26 12:34	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			03/05/26 12:34	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			03/05/26 12:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			03/05/26 12:34	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			03/05/26 12:34	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			03/05/26 12:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			03/05/26 12:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			03/05/26 12:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			03/05/26 12:34	1
2-Hexanone	ND		5.0	1.2	ug/L			03/05/26 12:34	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			03/05/26 12:34	1
Acetone	ND		10	3.0	ug/L			03/05/26 12:34	1
Benzene	ND		1.0	0.41	ug/L			03/05/26 12:34	1
Bromodichloromethane	ND		1.0	0.39	ug/L			03/05/26 12:34	1
Bromoform	ND		1.0	0.26	ug/L			03/05/26 12:34	1
Bromomethane	ND		1.0	0.69	ug/L			03/05/26 12:34	1
Carbon disulfide	ND		1.0	0.19	ug/L			03/05/26 12:34	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			03/05/26 12:34	1
Chlorobenzene	ND		1.0	0.75	ug/L			03/05/26 12:34	1
Chloroethane	ND		1.0	0.32	ug/L			03/05/26 12:34	1
Chloroform	ND		1.0	0.34	ug/L			03/05/26 12:34	1
Chloromethane	ND		1.0	0.35	ug/L			03/05/26 12:34	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			03/05/26 12:34	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			03/05/26 12:34	1
Cyclohexane	ND		1.0	0.18	ug/L			03/05/26 12:34	1
Dibromochloromethane	ND		1.0	0.32	ug/L			03/05/26 12:34	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			03/05/26 12:34	1
Ethylbenzene	ND		1.0	0.74	ug/L			03/05/26 12:34	1
Isopropylbenzene	ND		1.0	0.79	ug/L			03/05/26 12:34	1
Methyl acetate	ND		2.5	1.3	ug/L			03/05/26 12:34	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			03/05/26 12:34	1
Methylcyclohexane	ND		1.0	0.16	ug/L			03/05/26 12:34	1
Methylene Chloride	ND		1.0	0.44	ug/L			03/05/26 12:34	1
Styrene	ND		1.0	0.73	ug/L			03/05/26 12:34	1
Tetrachloroethene	ND		1.0	0.36	ug/L			03/05/26 12:34	1
Toluene	ND		1.0	0.51	ug/L			03/05/26 12:34	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			03/05/26 12:34	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			03/05/26 12:34	1
Trichloroethene	ND		1.0	0.46	ug/L			03/05/26 12:34	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			03/05/26 12:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			03/05/26 12:34	1
Xylenes, Total	ND		2.0	0.66	ug/L			03/05/26 12:34	1

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

Lab Sample ID: MB 480-769302/9
Matrix: Water
Analysis Batch: 769302

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*03/05/26 12:34*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*03/05/26 12:34*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*03/05/26 12:34*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*03/05/26 12:34*	*1*

Lab Sample ID: LCS 480-769302/6
Matrix: Water
Analysis Batch: 769302

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	25.4		ug/L		102	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.6		ug/L		94	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	21.5		ug/L		86	61 - 148
1,1,2-Trichloroethane	25.0	24.0		ug/L		96	76 - 122
1,1-Dichloroethane	25.0	26.6		ug/L		106	77 - 120
1,1-Dichloroethene	25.0	26.2		ug/L		105	66 - 127
1,2,4-Trichlorobenzene	25.0	26.9		ug/L		108	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	22.5		ug/L		90	56 - 134
1,2-Dibromoethane	25.0	25.5		ug/L		102	77 - 120
1,2-Dichlorobenzene	25.0	26.1		ug/L		104	80 - 124
1,2-Dichloroethane	25.0	27.8		ug/L		111	75 - 120
1,2-Dichloropropane	25.0	26.8		ug/L		107	76 - 120
1,3-Dichlorobenzene	25.0	26.6		ug/L		106	77 - 120
1,4-Dichlorobenzene	25.0	25.6		ug/L		103	80 - 120
2-Butanone (MEK)	125	229	*+	ug/L		183	57 - 140
2-Hexanone	125	123		ug/L		98	65 - 127
4-Methyl-2-pentanone (MIBK)	125	120		ug/L		96	71 - 125
Acetone	125	128		ug/L		102	56 - 142
Benzene	25.0	26.8		ug/L		107	71 - 124
Bromodichloromethane	25.0	26.4		ug/L		106	80 - 122
Bromoform	25.0	27.8		ug/L		111	61 - 132
Bromomethane	25.0	28.9		ug/L		115	55 - 144
Carbon disulfide	25.0	25.7		ug/L		103	59 - 134
Carbon tetrachloride	25.0	28.3		ug/L		113	72 - 134
Chlorobenzene	25.0	25.7		ug/L		103	80 - 120
Chloroethane	25.0	23.0		ug/L		92	69 - 136
Chloroform	25.0	25.1		ug/L		101	73 - 127
Chloromethane	25.0	23.8		ug/L		95	68 - 124
cis-1,2-Dichloroethene	25.0	27.6		ug/L		110	74 - 124
cis-1,3-Dichloropropene	25.0	27.7		ug/L		111	74 - 124
Cyclohexane	25.0	24.5		ug/L		98	59 - 135
Dibromochloromethane	25.0	25.9		ug/L		104	75 - 125
Dichlorodifluoromethane	25.0	18.4		ug/L		74	59 - 135
Ethylbenzene	25.0	25.3		ug/L		101	77 - 123
Isopropylbenzene	25.0	24.9		ug/L		100	77 - 122
Methyl acetate	50.0	54.7		ug/L		109	74 - 133
Methyl tert-butyl ether	25.0	26.1		ug/L		104	77 - 120
Methylcyclohexane	25.0	26.5		ug/L		106	68 - 134

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

Lab Sample ID: LCS 480-769302/6
Matrix: Water
Analysis Batch: 769302

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	25.0	25.6		ug/L		102	75 - 124
Styrene	25.0	26.5		ug/L		106	80 - 120
Tetrachloroethene	25.0	28.6		ug/L		114	74 - 122
Toluene	25.0	24.8		ug/L		99	80 - 122
trans-1,2-Dichloroethene	25.0	27.2		ug/L		109	73 - 127
trans-1,3-Dichloropropene	25.0	25.8		ug/L		103	80 - 120
Trichloroethene	25.0	28.0		ug/L		112	74 - 123
Trichlorofluoromethane	25.0	29.3		ug/L		117	62 - 150
Vinyl chloride	25.0	26.9		ug/L		108	65 - 133
Xylenes, Total	50.0	49.7		ug/L		99	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*
4-Bromofluorobenzene (Surr)	*111*		*73 - 120*
Toluene-d8 (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*107*		*75 - 123*

Lab Sample ID: 480-236618-3 MS
Matrix: Ground Water
Analysis Batch: 769302

Client Sample ID: BCC Area E MW-E05 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND	F1	25.0	29.7		ug/L		119	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	20.5		ug/L		82	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	26.6		ug/L		106	61 - 148
1,1,2-Trichloroethane	ND		25.0	20.0		ug/L		80	76 - 122
1,1-Dichloroethane	ND		25.0	26.5		ug/L		106	77 - 120
1,1-Dichloroethene	ND	F1 F2	25.0	28.2		ug/L		113	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	26.6		ug/L		106	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	19.2		ug/L		77	56 - 134
1,2-Dibromoethane	ND		25.0	20.5		ug/L		82	77 - 120
1,2-Dichlorobenzene	ND		25.0	25.9		ug/L		104	80 - 124
1,2-Dichloroethane	ND		25.0	21.8		ug/L		87	75 - 120
1,2-Dichloropropane	ND		25.0	24.6		ug/L		99	76 - 120
1,3-Dichlorobenzene	ND		25.0	27.8		ug/L		111	77 - 120
1,4-Dichlorobenzene	ND		25.0	26.4		ug/L		106	78 - 124
2-Butanone (MEK)	ND	*+	125	105		ug/L		84	57 - 140
2-Hexanone	ND		125	106		ug/L		85	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	100		ug/L		80	71 - 125
Acetone	ND		125	108		ug/L		86	56 - 142
Benzene	ND		25.0	27.1		ug/L		108	71 - 124
Bromodichloromethane	ND		25.0	22.4		ug/L		90	80 - 122
Bromoform	ND		25.0	20.9		ug/L		84	61 - 132
Bromomethane	ND		25.0	29.8		ug/L		119	55 - 144
Carbon disulfide	ND		25.0	27.2		ug/L		109	59 - 134
Carbon tetrachloride	ND	F1	25.0	33.2		ug/L		133	72 - 134
Chlorobenzene	ND		25.0	26.9		ug/L		108	80 - 120
Chloroethane	ND	F1 F2	25.0	34.3	F1	ug/L		137	69 - 136

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

Lab Sample ID: 480-236618-3 MS
Matrix: Ground Water
Analysis Batch: 769302

Client Sample ID: BCC Area E MW-E05 MS
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroform	ND		25.0	24.2		ug/L		97	73 - 127
Chloromethane	ND		25.0	27.2		ug/L		109	68 - 124
cis-1,2-Dichloroethene	ND		25.0	26.3		ug/L		105	74 - 124
cis-1,3-Dichloropropene	ND		25.0	21.5		ug/L		86	74 - 124
Cyclohexane	ND		25.0	28.4		ug/L		114	59 - 135
Dibromochloromethane	ND		25.0	21.5		ug/L		86	75 - 125
Dichlorodifluoromethane	ND		25.0	20.0		ug/L		80	59 - 135
Ethylbenzene	ND		25.0	29.2		ug/L		117	77 - 123
Isopropylbenzene	ND	F1	25.0	31.3	F1	ug/L		125	77 - 122
Methyl acetate	ND		50.0	39.5		ug/L		79	74 - 133
Methyl tert-butyl ether	ND	F1	25.0	19.0	F1	ug/L		76	77 - 120
Methylcyclohexane	ND		25.0	30.6		ug/L		122	68 - 134
Methylene Chloride	ND		25.0	22.4		ug/L		90	75 - 124
Styrene	ND		25.0	25.8		ug/L		103	80 - 120
Tetrachloroethene	ND	F1	25.0	33.5	F1	ug/L		134	74 - 122
Toluene	ND		25.0	27.7		ug/L		111	80 - 122
trans-1,2-Dichloroethene	ND	F1	25.0	29.6		ug/L		118	73 - 127
trans-1,3-Dichloropropene	ND		25.0	20.9		ug/L		84	80 - 120
Trichloroethene	ND	F1	25.0	28.9		ug/L		116	74 - 123
Trichlorofluoromethane	ND		25.0	34.5		ug/L		138	62 - 150
Vinyl chloride	ND	F1	25.0	32.4		ug/L		130	65 - 133
Xylenes, Total	ND		50.0	55.2		ug/L		110	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*80*		*77 - 120*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*95*		*75 - 123*

Lab Sample ID: 480-236618-3 MSD
Matrix: Ground Water
Analysis Batch: 769302

Client Sample ID: BCC Area E MW-E05 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND	F1	25.0	32.0	F1	ug/L		128	73 - 126	7	15
1,1,2,2-Tetrachloroethane	ND		25.0	21.8		ug/L		87	76 - 120	6	15
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	25.5		ug/L		102	61 - 148	4	20
1,1,2-Trichloroethane	ND		25.0	21.4		ug/L		86	76 - 122	7	15
1,1-Dichloroethane	ND		25.0	29.0		ug/L		116	77 - 120	9	20
1,1-Dichloroethene	ND	F1 F2	25.0	33.7	F1 F2	ug/L		135	66 - 127	18	16
1,2,4-Trichlorobenzene	ND		25.0	28.6		ug/L		115	79 - 122	7	20
1,2-Dibromo-3-Chloropropane	ND		25.0	20.9		ug/L		83	56 - 134	8	15
1,2-Dibromoethane	ND		25.0	21.8		ug/L		87	77 - 120	6	15
1,2-Dichlorobenzene	ND		25.0	28.0		ug/L		112	80 - 124	8	20
1,2-Dichloroethane	ND		25.0	24.0		ug/L		96	75 - 120	10	20
1,2-Dichloropropane	ND		25.0	25.7		ug/L		103	76 - 120	4	20
1,3-Dichlorobenzene	ND		25.0	29.5		ug/L		118	77 - 120	6	20
1,4-Dichlorobenzene	ND		25.0	29.0		ug/L		116	78 - 124	9	20

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

Lab Sample ID: 480-236618-3 MSD
Matrix: Ground Water
Analysis Batch: 769302

Client Sample ID: BCC Area E MW-E05 MSD
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Butanone (MEK)	ND	*+	125	118		ug/L		95	57 - 140	12	20
2-Hexanone	ND		125	113		ug/L		91	65 - 127	7	15
4-Methyl-2-pentanone (MIBK)	ND		125	108		ug/L		86	71 - 125	7	35
Acetone	ND		125	119		ug/L		95	56 - 142	10	15
Benzene	ND		25.0	29.1		ug/L		116	71 - 124	7	13
Bromodichloromethane	ND		25.0	24.1		ug/L		96	80 - 122	7	15
Bromoform	ND		25.0	22.9		ug/L		91	61 - 132	9	15
Bromomethane	ND		25.0	32.7		ug/L		131	55 - 144	9	15
Carbon disulfide	ND		25.0	29.4		ug/L		117	59 - 134	8	15
Carbon tetrachloride	ND	F1	25.0	35.3	F1	ug/L		141	72 - 134	6	15
Chlorobenzene	ND		25.0	28.4		ug/L		114	80 - 120	6	25
Chloroethane	ND	F1 F2	25.0	28.6	F2	ug/L		114	69 - 136	18	15
Chloroform	ND		25.0	26.2		ug/L		105	73 - 127	8	20
Chloromethane	ND		25.0	29.2		ug/L		117	68 - 124	7	15
cis-1,2-Dichloroethene	ND		25.0	28.8		ug/L		115	74 - 124	9	15
cis-1,3-Dichloropropene	ND		25.0	24.0		ug/L		96	74 - 124	11	15
Cyclohexane	ND		25.0	30.3		ug/L		121	59 - 135	6	20
Dibromochloromethane	ND		25.0	23.1		ug/L		92	75 - 125	7	15
Dichlorodifluoromethane	ND		25.0	22.5		ug/L		90	59 - 135	12	20
Ethylbenzene	ND		25.0	30.7		ug/L		123	77 - 123	5	15
Isopropylbenzene	ND	F1	25.0	33.1	F1	ug/L		132	77 - 122	6	20
Methyl acetate	ND		50.0	44.0		ug/L		88	74 - 133	11	20
Methyl tert-butyl ether	ND	F1	25.0	21.3		ug/L		85	77 - 120	11	37
Methylcyclohexane	ND		25.0	32.8		ug/L		131	68 - 134	7	20
Methylene Chloride	ND		25.0	22.1		ug/L		89	75 - 124	1	15
Styrene	ND		25.0	27.6		ug/L		110	80 - 120	7	20
Tetrachloroethene	ND	F1	25.0	34.8	F1	ug/L		139	74 - 122	4	20
Toluene	ND		25.0	29.2		ug/L		117	80 - 122	5	15
trans-1,2-Dichloroethene	ND	F1	25.0	32.2	F1	ug/L		129	73 - 127	9	20
trans-1,3-Dichloropropene	ND		25.0	22.8		ug/L		91	80 - 120	9	15
Trichloroethene	ND	F1	25.0	31.8	F1	ug/L		127	74 - 123	9	16
Trichlorofluoromethane	ND		25.0	37.6		ug/L		150	62 - 150	9	20
Vinyl chloride	ND	F1	25.0	34.5	F1	ug/L		138	65 - 133	6	15
Xylenes, Total	ND		50.0	57.8		ug/L		116	76 - 122	5	16

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*92*		*77 - 120*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*75 - 123*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-769427/1-A
Matrix: Water
Analysis Batch: 769481

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 769427

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		03/06/26 13:05	03/09/26 12:34	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-769427/1-A
Matrix: Water
Analysis Batch: 769481

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 769427

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		03/06/26 13:05	03/09/26 12:34	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		03/06/26 13:05	03/09/26 12:34	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		03/06/26 13:05	03/09/26 12:34	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		03/06/26 13:05	03/09/26 12:34	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		03/06/26 13:05	03/09/26 12:34	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 12:34	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		03/06/26 13:05	03/09/26 12:34	1
2-Chlorophenol	ND		5.0	0.53	ug/L		03/06/26 13:05	03/09/26 12:34	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		03/06/26 13:05	03/09/26 12:34	1
2-Methylphenol	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 12:34	1
2-Nitroaniline	ND		10	0.42	ug/L		03/06/26 13:05	03/09/26 12:34	1
2-Nitrophenol	ND		5.0	0.48	ug/L		03/06/26 13:05	03/09/26 12:34	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 12:34	1
3-Nitroaniline	ND		10	0.48	ug/L		03/06/26 13:05	03/09/26 12:34	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		03/06/26 13:05	03/09/26 12:34	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		03/06/26 13:05	03/09/26 12:34	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		03/06/26 13:05	03/09/26 12:34	1
4-Chloroaniline	ND		5.0	0.59	ug/L		03/06/26 13:05	03/09/26 12:34	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		03/06/26 13:05	03/09/26 12:34	1
4-Methylphenol	ND		10	0.36	ug/L		03/06/26 13:05	03/09/26 12:34	1
4-Nitroaniline	ND		10	0.25	ug/L		03/06/26 13:05	03/09/26 12:34	1
4-Nitrophenol	ND		10	1.5	ug/L		03/06/26 13:05	03/09/26 12:34	1
Acenaphthene	ND		5.0	0.41	ug/L		03/06/26 13:05	03/09/26 12:34	1
Acenaphthylene	ND		5.0	0.38	ug/L		03/06/26 13:05	03/09/26 12:34	1
Acetophenone	ND		5.0	0.54	ug/L		03/06/26 13:05	03/09/26 12:34	1
Aniline	ND		10	0.61	ug/L		03/06/26 13:05	03/09/26 12:34	1
Anthracene	ND		5.0	0.28	ug/L		03/06/26 13:05	03/09/26 12:34	1
Atrazine	ND		5.0	0.46	ug/L		03/06/26 13:05	03/09/26 12:34	1
Benzaldehyde	ND		5.0	0.27	ug/L		03/06/26 13:05	03/09/26 12:34	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		03/06/26 13:05	03/09/26 12:34	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		03/06/26 13:05	03/09/26 12:34	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		03/06/26 13:05	03/09/26 12:34	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		03/06/26 13:05	03/09/26 12:34	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		03/06/26 13:05	03/09/26 12:34	1
Biphenyl	ND		5.0	0.65	ug/L		03/06/26 13:05	03/09/26 12:34	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		03/06/26 13:05	03/09/26 12:34	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		03/06/26 13:05	03/09/26 12:34	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 12:34	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		03/06/26 13:05	03/09/26 12:34	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		03/06/26 13:05	03/09/26 12:34	1
Caprolactam	ND		5.0	2.2	ug/L		03/06/26 13:05	03/09/26 12:34	1
Carbazole	ND		5.0	0.30	ug/L		03/06/26 13:05	03/09/26 12:34	1
Chrysene	ND		5.0	0.33	ug/L		03/06/26 13:05	03/09/26 12:34	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		03/06/26 13:05	03/09/26 12:34	1
Dibenzofuran	ND		10	0.51	ug/L		03/06/26 13:05	03/09/26 12:34	1
Diethyl phthalate	ND		5.0	0.22	ug/L		03/06/26 13:05	03/09/26 12:34	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		03/06/26 13:05	03/09/26 12:34	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		03/06/26 13:05	03/09/26 12:34	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		03/06/26 13:05	03/09/26 12:34	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-769427/1-A
Matrix: Water
Analysis Batch: 769481

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 769427

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	ND		5.0	0.40	ug/L		03/06/26 13:05	03/09/26 12:34	1
Fluorene	ND		5.0	0.36	ug/L		03/06/26 13:05	03/09/26 12:34	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		03/06/26 13:05	03/09/26 12:34	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		03/06/26 13:05	03/09/26 12:34	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		03/06/26 13:05	03/09/26 12:34	1
Hexachloroethane	ND		5.0	0.59	ug/L		03/06/26 13:05	03/09/26 12:34	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		03/06/26 13:05	03/09/26 12:34	1
Isophorone	ND		5.0	0.43	ug/L		03/06/26 13:05	03/09/26 12:34	1
Naphthalene	ND		5.0	0.76	ug/L		03/06/26 13:05	03/09/26 12:34	1
Nitrobenzene	ND		5.0	0.29	ug/L		03/06/26 13:05	03/09/26 12:34	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		03/06/26 13:05	03/09/26 12:34	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		03/06/26 13:05	03/09/26 12:34	1
Pentachlorophenol	ND		10	2.2	ug/L		03/06/26 13:05	03/09/26 12:34	1
Phenanthrene	ND		5.0	0.44	ug/L		03/06/26 13:05	03/09/26 12:34	1
Phenol	ND		5.0	0.39	ug/L		03/06/26 13:05	03/09/26 12:34	1
Pyrene	ND		5.0	0.34	ug/L		03/06/26 13:05	03/09/26 12:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*69*		*25 - 144*	*03/06/26 13:05*	*03/09/26 12:34*	*1*
2-Fluorobiphenyl	*75*		*53 - 126*	*03/06/26 13:05*	*03/09/26 12:34*	*1*
2-Fluorophenol	*56*		*24 - 120*	*03/06/26 13:05*	*03/09/26 12:34*	*1*
Nitrobenzene-d5	*81*		*29 - 129*	*03/06/26 13:05*	*03/09/26 12:34*	*1*
Phenol-d5	*42*		*10 - 120*	*03/06/26 13:05*	*03/09/26 12:34*	*1*
p-Terphenyl-d14	*95*		*33 - 132*	*03/06/26 13:05*	*03/09/26 12:34*	*1*

Lab Sample ID: LCS 480-769427/2-A
Matrix: Water
Analysis Batch: 769481

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 769427

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-Trichlorophenol	32.0	30.5		ug/L		95	65 - 126
2,4,6-Trichlorophenol	32.0	27.7		ug/L		87	64 - 120
2,4-Dichlorophenol	32.0	27.4		ug/L		86	63 - 120
2,4-Dimethylphenol	32.0	29.7		ug/L		93	47 - 120
2,4-Dinitrophenol	64.0	58.9		ug/L		92	31 - 137
2,4-Dinitrotoluene	32.0	32.6		ug/L		102	69 - 120
2,6-Dinitrotoluene	32.0	32.8		ug/L		102	68 - 120
2-Chloronaphthalene	32.0	27.3		ug/L		85	58 - 120
2-Chlorophenol	32.0	26.3		ug/L		82	48 - 120
2-Methylnaphthalene	32.0	28.0		ug/L		88	59 - 120
2-Methylphenol	32.0	25.1		ug/L		78	39 - 120
2-Nitroaniline	32.0	41.4	*+	ug/L		129	54 - 127
2-Nitrophenol	32.0	27.4		ug/L		86	52 - 125
3,3'-Dichlorobenzidine	32.0	27.5		ug/L		86	49 - 135
3-Nitroaniline	32.0	22.2		ug/L		69	51 - 120
4,6-Dinitro-2-methylphenol	64.0	62.8		ug/L		98	46 - 136
4-Bromophenyl phenyl ether	32.0	31.7		ug/L		99	65 - 120
4-Chloro-3-methylphenol	32.0	30.9		ug/L		97	61 - 123

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-769427/2-A
Matrix: Water
Analysis Batch: 769481

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 769427

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Chloroaniline	32.0	17.5		ug/L		55	30 - 120
4-Chlorophenyl phenyl ether	32.0	30.9		ug/L		96	62 - 120
4-Methylphenol	32.0	27.5		ug/L		86	29 - 131
4-Nitroaniline	32.0	30.1		ug/L		94	65 - 120
4-Nitrophenol	64.0	54.7		ug/L		85	45 - 120
Acenaphthene	32.0	31.6		ug/L		99	60 - 120
Acenaphthylene	32.0	31.4		ug/L		98	63 - 120
Acetophenone	32.0	31.2		ug/L		98	45 - 120
Aniline	32.0	18.7		ug/L		58	12 - 120
Anthracene	32.0	34.7		ug/L		108	67 - 120
Atrazine	32.0	41.9	*+	ug/L		131	71 - 130
Benzaldehyde	32.0	33.0		ug/L		103	10 - 140
Benzo(a)anthracene	32.0	35.4		ug/L		111	70 - 121
Benzo(a)pyrene	32.0	35.0		ug/L		109	60 - 123
Benzo(b)fluoranthene	32.0	35.4		ug/L		111	66 - 126
Benzo(g,h,i)perylene	32.0	36.3		ug/L		114	66 - 150
Benzo(k)fluoranthene	32.0	37.6		ug/L		117	65 - 124
Biphenyl	32.0	29.0		ug/L		90	59 - 120
bis (2-chloroisopropyl) ether	32.0	38.2		ug/L		119	21 - 136
Bis(2-chloroethoxy)methane	32.0	31.0		ug/L		97	50 - 128
Bis(2-chloroethyl)ether	32.0	35.4		ug/L		111	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	35.6		ug/L		111	63 - 139
Butyl benzyl phthalate	32.0	34.3		ug/L		107	70 - 129
Caprolactam	32.0	10.9		ug/L		34	10 - 120
Carbazole	32.0	39.4		ug/L		123	66 - 147
Chrysene	32.0	35.0		ug/L		109	69 - 120
Dibenz(a,h)anthracene	32.0	35.0		ug/L		109	65 - 135
Dibenzofuran	32.0	30.9		ug/L		97	66 - 120
Diethyl phthalate	32.0	36.1		ug/L		113	59 - 127
Dimethyl phthalate	32.0	33.8		ug/L		106	68 - 120
Di-n-butyl phthalate	32.0	37.3		ug/L		117	69 - 131
Di-n-octyl phthalate	32.0	35.5		ug/L		111	63 - 140
Fluoranthene	32.0	37.2		ug/L		116	69 - 126
Fluorene	32.0	32.7		ug/L		102	66 - 120
Hexachlorobenzene	32.0	30.5		ug/L		95	61 - 120
Hexachlorobutadiene	32.0	20.0		ug/L		62	35 - 120
Hexachlorocyclopentadiene	32.0	18.4		ug/L		57	31 - 120
Hexachloroethane	32.0	23.7		ug/L		74	33 - 120
Indeno(1,2,3-cd)pyrene	32.0	33.3		ug/L		104	69 - 146
Isophorone	32.0	35.0		ug/L		109	55 - 120
Naphthalene	32.0	27.3		ug/L		85	57 - 120
Nitrobenzene	32.0	33.5		ug/L		105	53 - 123
N-Nitrosodi-n-propylamine	32.0	36.5		ug/L		114	32 - 140
N-Nitrosodiphenylamine	32.0	32.5		ug/L		102	61 - 120
Pentachlorophenol	64.0	50.5		ug/L		79	10 - 136
Phenanthrene	32.0	33.4		ug/L		104	68 - 120
Phenol	32.0	18.0		ug/L		56	17 - 120
Pyrene	32.0	34.4		ug/L		108	70 - 125

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-769427/2-A
Matrix: Water
Analysis Batch: 769481

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 769427

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*81*		*25 - 144*
2-Fluorobiphenyl	*86*		*53 - 126*
2-Fluorophenol	*61*		*24 - 120*
Nitrobenzene-d5	*97*		*29 - 129*
Phenol-d5	*51*		*10 - 120*
p-Terphenyl-d14	*100*		*33 - 132*

Lab Sample ID: 480-236618-3 MS
Matrix: Ground Water
Analysis Batch: 769481

Client Sample ID: BCC Area E MW-E05 MS
Prep Type: Total/NA
Prep Batch: 769427

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-Trichlorophenol	ND		32.0	32.0		ug/L		100	65 - 126
2,4,6-Trichlorophenol	ND		32.0	28.8		ug/L		90	64 - 120
2,4-Dichlorophenol	ND		32.0	27.8		ug/L		87	48 - 132
2,4-Dimethylphenol	ND		32.0	30.5		ug/L		95	39 - 130
2,4-Dinitrophenol	ND		64.0	60.9		ug/L		95	21 - 150
2,4-Dinitrotoluene	ND		32.0	32.6		ug/L		102	54 - 138
2,6-Dinitrotoluene	ND		32.0	34.7		ug/L		108	17 - 150
2-Chloronaphthalene	ND		32.0	28.2		ug/L		88	52 - 124
2-Chlorophenol	ND		32.0	26.5		ug/L		83	48 - 120
2-Methylnaphthalene	ND		32.0	27.5		ug/L		86	34 - 140
2-Methylphenol	ND		32.0	28.3		ug/L		88	46 - 120
2-Nitroaniline	ND	*+ F1	32.0	43.5		ug/L		136	44 - 136
2-Nitrophenol	ND		32.0	26.4		ug/L		82	38 - 141
3,3'-Dichlorobenzidine	ND		32.0	26.3		ug/L		82	10 - 150
3-Nitroaniline	ND		32.0	22.2		ug/L		69	32 - 150
4,6-Dinitro-2-methylphenol	ND		64.0	64.5		ug/L		101	38 - 150
4-Bromophenyl phenyl ether	ND		32.0	32.2		ug/L		101	63 - 126
4-Chloro-3-methylphenol	ND		32.0	31.5		ug/L		98	64 - 127
4-Chloroaniline	ND		32.0	15.2		ug/L		48	16 - 124
4-Chlorophenyl phenyl ether	ND		32.0	30.5		ug/L		95	61 - 120
4-Methylphenol	ND		32.0	26.9		ug/L		84	36 - 120
4-Nitroaniline	ND		32.0	33.9		ug/L		106	32 - 150
4-Nitrophenol	ND		64.0	57.9		ug/L		91	23 - 132
Acenaphthene	ND		32.0	33.0		ug/L		103	48 - 120
Acenaphthylene	ND		32.0	32.9		ug/L		103	63 - 120
Acetophenone	ND		32.0	31.4		ug/L		98	53 - 120
Aniline	ND		32.0	16.7		ug/L		52	32 - 120
Anthracene	ND		32.0	35.2		ug/L		110	65 - 122
Atrazine	ND	*+	32.0	43.0		ug/L		134	50 - 150
Benzaldehyde	ND		32.0	34.1		ug/L		107	10 - 150
Benzo(a)anthracene	ND		32.0	31.7		ug/L		99	43 - 124
Benzo(a)pyrene	ND		32.0	27.6		ug/L		86	23 - 125
Benzo(b)fluoranthene	ND		32.0	28.6		ug/L		89	27 - 127
Benzo(g,h,i)perylene	ND		32.0	27.4		ug/L		85	16 - 147
Benzo(k)fluoranthene	ND		32.0	28.4		ug/L		89	20 - 124
Biphenyl	ND		32.0	29.5		ug/L		92	57 - 120

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-236618-3 MS
Matrix: Ground Water
Analysis Batch: 769481

Client Sample ID: BCC Area E MW-E05 MS
Prep Type: Total/NA
Prep Batch: 769427

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
bis (2-chloroisopropyl) ether	ND	F1	32.0	38.8		ug/L		121	28 - 121
Bis(2-chloroethoxy)methane	ND		32.0	30.9		ug/L		97	44 - 128
Bis(2-chloroethyl)ether	ND		32.0	36.0		ug/L		113	45 - 120
Bis(2-ethylhexyl) phthalate	ND		32.0	27.2		ug/L		85	16 - 150
Butyl benzyl phthalate	ND		32.0	33.3		ug/L		104	51 - 140
Caprolactam	ND		32.0	10.2		ug/L		32	10 - 120
Carbazole	ND		32.0	41.1		ug/L		128	16 - 148
Chrysene	ND		32.0	29.3		ug/L		91	44 - 122
Dibenz(a,h)anthracene	ND		32.0	26.1		ug/L		81	16 - 139
Dibenzofuran	ND		32.0	32.4		ug/L		101	60 - 120
Diethyl phthalate	ND		32.0	37.0		ug/L		115	53 - 133
Dimethyl phthalate	ND		32.0	34.7		ug/L		109	59 - 123
Di-n-butyl phthalate	ND		32.0	36.4		ug/L		114	65 - 129
Di-n-octyl phthalate	ND		32.0	27.0		ug/L		84	16 - 150
Fluoranthene	ND		32.0	36.4		ug/L		114	63 - 129
Fluorene	ND		32.0	33.0		ug/L		103	62 - 120
Hexachlorobenzene	ND		32.0	29.9		ug/L		93	57 - 121
Hexachlorobutadiene	ND		32.0	20.2		ug/L		63	37 - 120
Hexachlorocyclopentadiene	ND		32.0	18.8		ug/L		59	21 - 120
Hexachloroethane	ND		32.0	25.6		ug/L		80	16 - 130
Indeno(1,2,3-cd)pyrene	ND		32.0	25.2		ug/L		79	16 - 140
Isophorone	ND		32.0	34.6		ug/L		108	48 - 133
Naphthalene	ND		32.0	26.9		ug/L		84	45 - 120
Nitrobenzene	ND		32.0	33.1		ug/L		104	45 - 123
N-Nitrosodi-n-propylamine	ND		32.0	36.3		ug/L		113	49 - 120
N-Nitrosodiphenylamine	ND		32.0	34.7		ug/L		109	39 - 138
Pentachlorophenol	ND		64.0	53.4		ug/L		83	10 - 149
Phenanthrene	ND		32.0	35.0		ug/L		109	65 - 122
Phenol	ND		32.0	17.4		ug/L		54	16 - 120
Pyrene	ND		32.0	34.1		ug/L		106	58 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*85*		*25 - 144*
2-Fluorobiphenyl	*91*		*53 - 126*
2-Fluorophenol	*60*		*24 - 120*
Nitrobenzene-d5	*97*		*29 - 129*
Phenol-d5	*48*		*10 - 120*
p-Terphenyl-d14	*75*		*33 - 132*

Lab Sample ID: 480-236618-3 MSD
Matrix: Ground Water
Analysis Batch: 769481

Client Sample ID: BCC Area E MW-E05 MSD
Prep Type: Total/NA
Prep Batch: 769427

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		32.0	33.0		ug/L		103	65 - 126	3	18
2,4,6-Trichlorophenol	ND		32.0	28.1		ug/L		88	64 - 120	2	19
2,4-Dichlorophenol	ND		32.0	28.8		ug/L		90	48 - 132	4	19
2,4-Dimethylphenol	ND		32.0	31.4		ug/L		98	39 - 130	3	42

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-236618-3 MSD
Matrix: Ground Water
Analysis Batch: 769481

Client Sample ID: BCC Area E MW-E05 MSD
Prep Type: Total/NA
Prep Batch: 769427

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4-Dinitrophenol	ND		64.0	63.0		ug/L		98	21 - 150	3	22
2,4-Dinitrotoluene	ND		32.0	32.1		ug/L		100	54 - 138	2	20
2,6-Dinitrotoluene	ND		32.0	34.3		ug/L		107	17 - 150	1	15
2-Chloronaphthalene	ND		32.0	29.2		ug/L		91	52 - 124	3	21
2-Chlorophenol	ND		32.0	27.2		ug/L		85	48 - 120	3	25
2-Methylnaphthalene	ND		32.0	30.3		ug/L		95	34 - 140	9	21
2-Methylphenol	ND		32.0	26.2		ug/L		82	46 - 120	8	27
2-Nitroaniline	ND	*+ F1	32.0	44.1	F1	ug/L		138	44 - 136	1	15
2-Nitrophenol	ND		32.0	28.3		ug/L		88	38 - 141	7	18
3,3'-Dichlorobenzidine	ND		32.0	24.8		ug/L		78	10 - 150	6	25
3-Nitroaniline	ND		32.0	20.9		ug/L		65	32 - 150	6	19
4,6-Dinitro-2-methylphenol	ND		64.0	67.6		ug/L		106	38 - 150	5	15
4-Bromophenyl phenyl ether	ND		32.0	33.4		ug/L		104	63 - 126	4	15
4-Chloro-3-methylphenol	ND		32.0	33.0		ug/L		103	64 - 127	4	27
4-Chloroaniline	ND		32.0	14.4		ug/L		45	16 - 124	6	22
4-Chlorophenyl phenyl ether	ND		32.0	31.2		ug/L		98	61 - 120	2	16
4-Methylphenol	ND		32.0	26.9		ug/L		84	36 - 120	0	24
4-Nitroaniline	ND		32.0	33.3		ug/L		104	32 - 150	2	24
4-Nitrophenol	ND		64.0	57.8		ug/L		90	23 - 132	0	48
Acenaphthene	ND		32.0	33.3		ug/L		104	48 - 120	1	24
Acenaphthylene	ND		32.0	33.2		ug/L		104	63 - 120	1	18
Acetophenone	ND		32.0	31.0		ug/L		97	53 - 120	1	20
Aniline	ND		32.0	16.0		ug/L		50	32 - 120	4	30
Anthracene	ND		32.0	36.1		ug/L		113	65 - 122	2	15
Atrazine	ND	*+	32.0	42.5		ug/L		133	50 - 150	1	20
Benzaldehyde	ND		32.0	34.3		ug/L		107	10 - 150	1	20
Benzo(a)anthracene	ND		32.0	31.6		ug/L		99	43 - 124	0	15
Benzo(a)pyrene	ND		32.0	28.9		ug/L		90	23 - 125	5	15
Benzo(b)fluoranthene	ND		32.0	30.4		ug/L		95	27 - 127	6	15
Benzo(g,h,i)perylene	ND		32.0	28.9		ug/L		90	16 - 147	6	15
Benzo(k)fluoranthene	ND		32.0	29.6		ug/L		93	20 - 124	4	22
Biphenyl	ND		32.0	30.7		ug/L		96	57 - 120	4	20
bis (2-chloroisopropyl) ether	ND	F1	32.0	41.0	F1	ug/L		128	28 - 121	6	24
Bis(2-chloroethoxy)methane	ND		32.0	33.7		ug/L		105	44 - 128	9	17
Bis(2-chloroethyl)ether	ND		32.0	37.7		ug/L		118	45 - 120	5	21
Bis(2-ethylhexyl) phthalate	ND		32.0	27.6		ug/L		86	16 - 150	2	15
Butyl benzyl phthalate	ND		32.0	32.9		ug/L		103	51 - 140	1	16
Caprolactam	ND		32.0	11.3		ug/L		35	10 - 120	11	20
Carbazole	ND		32.0	42.8		ug/L		134	16 - 148	4	20
Chrysene	ND		32.0	30.0		ug/L		94	44 - 122	2	15
Dibenz(a,h)anthracene	ND		32.0	27.1		ug/L		85	16 - 139	4	15
Dibenzofuran	ND		32.0	32.6		ug/L		102	60 - 120	1	15
Diethyl phthalate	ND		32.0	37.8		ug/L		118	53 - 133	2	15
Dimethyl phthalate	ND		32.0	35.6		ug/L		111	59 - 123	2	15
Di-n-butyl phthalate	ND		32.0	37.3		ug/L		117	65 - 129	2	15
Di-n-octyl phthalate	ND		32.0	27.4		ug/L		86	16 - 150	1	16
Fluoranthene	ND		32.0	37.4		ug/L		117	63 - 129	3	15
Fluorene	ND		32.0	34.2		ug/L		107	62 - 120	4	15
Hexachlorobenzene	ND		32.0	30.4		ug/L		95	57 - 121	2	15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-236618-3 MSD
Matrix: Ground Water
Analysis Batch: 769481

Client Sample ID: BCC Area E MW-E05 MSD
Prep Type: Total/NA
Prep Batch: 769427

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Hexachlorobutadiene	ND		32.0	20.8		ug/L		65	37 - 120	3	44
Hexachlorocyclopentadiene	ND		32.0	19.9		ug/L		62	21 - 120	5	49
Hexachloroethane	ND		32.0	26.3		ug/L		82	16 - 130	2	46
Indeno(1,2,3-cd)pyrene	ND		32.0	25.8		ug/L		81	16 - 140	2	15
Isophorone	ND		32.0	37.4		ug/L		117	48 - 133	8	17
Naphthalene	ND		32.0	30.1		ug/L		94	45 - 120	11	29
Nitrobenzene	ND		32.0	36.0		ug/L		112	45 - 123	8	24
N-Nitrosodi-n-propylamine	ND		32.0	36.5		ug/L		114	49 - 120	1	31
N-Nitrosodiphenylamine	ND		32.0	35.8		ug/L		112	39 - 138	3	15
Pentachlorophenol	ND		64.0	55.8		ug/L		87	10 - 149	4	37
Phenanthrene	ND		32.0	36.1		ug/L		113	65 - 122	3	15
Phenol	ND		32.0	18.8		ug/L		59	16 - 120	8	34
Pyrene	ND		32.0	34.8		ug/L		109	58 - 128	2	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*84*		*25 - 144*
2-Fluorobiphenyl	*94*		*53 - 126*
2-Fluorophenol	*63*		*24 - 120*
Nitrobenzene-d5	*107*		*29 - 129*
Phenol-d5	*51*		*10 - 120*
p-Terphenyl-d14	*75*		*33 - 132*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 480-769351/1-A
Matrix: Water
Analysis Batch: 769573

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 769351

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		03/06/26 09:20	03/09/26 20:29	1
Antimony	ND		0.020	0.0068	mg/L		03/06/26 09:20	03/09/26 20:29	1
Arsenic	ND		0.015	0.0056	mg/L		03/06/26 09:20	03/09/26 20:29	1
Barium	ND		0.0020	0.00070	mg/L		03/06/26 09:20	03/09/26 20:29	1
Beryllium	ND		0.0020	0.00030	mg/L		03/06/26 09:20	03/09/26 20:29	1
Cadmium	ND		0.0020	0.00050	mg/L		03/06/26 09:20	03/09/26 20:29	1
Calcium	ND		0.50	0.10	mg/L		03/06/26 09:20	03/09/26 20:29	1
Chromium	ND		0.0040	0.0010	mg/L		03/06/26 09:20	03/09/26 20:29	1
Cobalt	ND		0.0040	0.00063	mg/L		03/06/26 09:20	03/09/26 20:29	1
Copper	ND		0.010	0.0016	mg/L		03/06/26 09:20	03/09/26 20:29	1
Iron	ND		0.050	0.019	mg/L		03/06/26 09:20	03/09/26 20:29	1
Lead	ND		0.010	0.0030	mg/L		03/06/26 09:20	03/09/26 20:29	1
Magnesium	ND		0.20	0.043	mg/L		03/06/26 09:20	03/09/26 20:29	1
Manganese	ND		0.0030	0.00040	mg/L		03/06/26 09:20	03/09/26 20:29	1
Nickel	ND		0.010	0.0013	mg/L		03/06/26 09:20	03/09/26 20:29	1
Potassium	ND		0.50	0.10	mg/L		03/06/26 09:20	03/09/26 20:29	1
Selenium	ND		0.025	0.0087	mg/L		03/06/26 09:20	03/09/26 20:29	1
Silver	0.00315	J ^5-	0.0060	0.0017	mg/L		03/06/26 09:20	03/09/26 20:29	1
Sodium	ND		1.0	0.32	mg/L		03/06/26 09:20	03/09/26 20:29	1
Thallium	ND		0.020	0.010	mg/L		03/06/26 09:20	03/09/26 20:29	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 480-769351/1-A
Matrix: Water
Analysis Batch: 769573

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 769351

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	ND		0.0050	0.0015	mg/L		03/06/26 09:20	03/09/26 20:29	1
Zinc	ND		0.010	0.0015	mg/L		03/06/26 09:20	03/09/26 20:29	1

Lab Sample ID: LCS 480-769351/2-A
Matrix: Water
Analysis Batch: 769573

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 769351

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aluminum			5.10	5.32		mg/L		104	80 - 120		
Antimony			0.500	0.516		mg/L		103	80 - 120		
Arsenic			1.00	0.991		mg/L		99	80 - 120		
Barium			1.00	1.01		mg/L		101	80 - 120		
Beryllium			0.496	0.535		mg/L		108	80 - 120		
Cadmium			0.500	0.528		mg/L		106	80 - 120		
Calcium			25.0	26.64		mg/L		107	80 - 120		
Chromium			0.500	0.505		mg/L		101	80 - 120		
Cobalt			0.500	0.501		mg/L		100	80 - 120		
Copper			0.500	0.520		mg/L		104	80 - 120		
Iron			5.10	5.46		mg/L		107	80 - 120		
Lead			0.500	0.505		mg/L		101	80 - 120		
Magnesium			25.0	25.32		mg/L		101	80 - 120		
Manganese			0.500	0.505		mg/L		101	80 - 120		
Nickel			0.500	0.498		mg/L		100	80 - 120		
Potassium			25.0	24.86		mg/L		99	80 - 120		
Selenium			0.999	0.960		mg/L		96	80 - 120		
Silver			0.0500	0.0553	^5-	mg/L		111	80 - 120		
Sodium			25.0	25.73		mg/L		103	80 - 120		
Thallium			1.00	1.01		mg/L		101	80 - 120		
Vanadium			0.500	0.509		mg/L		102	80 - 120		
Zinc			0.500	0.485		mg/L		97	80 - 120		

Lab Sample ID: 480-236618-3 MS
Matrix: Ground Water
Analysis Batch: 769573

Client Sample ID: BCC Area E MW-E05 MS
Prep Type: Total/NA
Prep Batch: 769351

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Aluminum	0.51		5.10	5.61		mg/L		100	75 - 125		
Antimony	ND		0.500	0.501		mg/L		100	75 - 125		
Arsenic	ND		1.00	1.03		mg/L		103	75 - 125		
Barium	0.052		1.00	1.05		mg/L		100	75 - 125		
Beryllium	ND		0.496	0.543		mg/L		109	75 - 125		
Cadmium	0.011		0.500	0.554		mg/L		108	75 - 125		
Calcium	156		25.0	182.1	4	mg/L		103	75 - 125		
Chromium	ND		0.500	0.510		mg/L		102	75 - 125		
Cobalt	0.0035	J	0.500	0.514		mg/L		102	75 - 125		
Copper	0.12		0.500	0.647		mg/L		105	75 - 125		
Iron	0.44		5.10	5.86		mg/L		106	75 - 125		
Lead	0.017		0.500	0.527		mg/L		102	75 - 125		
Magnesium	17.8		25.0	42.98		mg/L		101	75 - 125		

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 480-236618-3 MS
Matrix: Ground Water
Analysis Batch: 769573

Client Sample ID: BCC Area E MW-E05 MS
Prep Type: Total/NA
Prep Batch: 769351

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Manganese	0.037		0.500	0.541		mg/L		101	75 - 125
Nickel	0.014		0.500	0.524		mg/L		102	75 - 125
Potassium	4.8		25.0	30.08		mg/L		101	75 - 125
Selenium	0.022	J	0.999	1.02		mg/L		100	75 - 125
Silver	0.0043	J ^5- B	0.0500	0.0581	^5-	mg/L		108	75 - 125
Sodium	36.9		25.0	62.78		mg/L		104	75 - 125
Thallium	ND		1.00	1.01		mg/L		101	75 - 125
Vanadium	ND		0.500	0.519		mg/L		104	75 - 125
Zinc	2.6		0.500	3.13	4	mg/L		98	75 - 125

Lab Sample ID: 480-236618-3 MSD
Matrix: Ground Water
Analysis Batch: 769573

Client Sample ID: BCC Area E MW-E05 MSD
Prep Type: Total/NA
Prep Batch: 769351

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.51		5.10	5.37		mg/L		95	75 - 125	4	20
Antimony	ND		0.500	0.521		mg/L		104	75 - 125	4	20
Arsenic	ND		1.00	0.999		mg/L		100	75 - 125	3	20
Barium	0.052		1.00	1.01		mg/L		96	75 - 125	4	20
Beryllium	ND		0.496	0.526		mg/L		106	75 - 125	3	20
Cadmium	0.011		0.500	0.536		mg/L		105	75 - 125	3	20
Calcium	156		25.0	174.4	4	mg/L		72	75 - 125	4	20
Chromium	ND		0.500	0.497		mg/L		99	75 - 125	3	20
Cobalt	0.0035	J	0.500	0.499		mg/L		99	75 - 125	3	20
Copper	0.12		0.500	0.623		mg/L		100	75 - 125	4	20
Iron	0.44		5.10	5.61		mg/L		102	75 - 125	4	20
Lead	0.017		0.500	0.513		mg/L		99	75 - 125	3	20
Magnesium	17.8		25.0	41.57		mg/L		95	75 - 125	3	20
Manganese	0.037		0.500	0.521		mg/L		97	75 - 125	4	20
Nickel	0.014		0.500	0.508		mg/L		99	75 - 125	3	20
Potassium	4.8		25.0	29.22		mg/L		98	75 - 125	3	20
Selenium	0.022	J	0.999	0.980		mg/L		96	75 - 125	4	20
Sodium	36.9		25.0	60.93		mg/L		96	75 - 125	3	20
Thallium	ND		1.00	0.979		mg/L		98	75 - 125	3	20
Vanadium	ND		0.500	0.505		mg/L		101	75 - 125	3	20
Zinc	2.6		0.500	3.05	4	mg/L		84	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-769414/1-A
Matrix: Water
Analysis Batch: 769895

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 769414

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		03/12/26 10:49	03/12/26 18:36	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 480-769414/2-A
Matrix: Water
Analysis Batch: 769895

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 769414

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00669	0.00654		mg/L		98	80 - 120		

Lab Sample ID: 480-236618-3 MS
Matrix: Ground Water
Analysis Batch: 769895

Client Sample ID: BCC Area E MW-E05 MS
Prep Type: Total/NA
Prep Batch: 769414

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	ND		0.00669	0.00671		mg/L		100	80 - 120		

Lab Sample ID: 480-236618-3 MSD
Matrix: Ground Water
Analysis Batch: 769895

Client Sample ID: BCC Area E MW-E05 MSD
Prep Type: Total/NA
Prep Batch: 769414

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.00669	0.00666		mg/L		99	80 - 120	1	20

GC/MS VOA

Analysis Batch: 769302

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-236618-1	BCC Area E MW-BCP-01	Total/NA	Ground Water	8260C	
480-236618-2	BCC Area E MW-BCP-02	Total/NA	Ground Water	8260C	
480-236618-3	BCC Area E MW-E05	Total/NA	Ground Water	8260C	
480-236618-4	BCC Area E RFI-29	Total/NA	Ground Water	8260C	
480-236618-5	BCC Area E RFI-33	Total/NA	Ground Water	8260C	
480-236618-6	BCC Area E MW-BCP-02D	Total/NA	Wastewater	8260C	
480-236618-7	TRIP BLANK	Total/NA	Water	8260C	
MB 480-769302/9	Method Blank	Total/NA	Water	8260C	
LCS 480-769302/6	Lab Control Sample	Total/NA	Water	8260C	
480-236618-3 MS	BCC Area E MW-E05 MS	Total/NA	Ground Water	8260C	
480-236618-3 MSD	BCC Area E MW-E05 MSD	Total/NA	Ground Water	8260C	

GC/MS Semi VOA

Prep Batch: 769427

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-236618-1	BCC Area E MW-BCP-01	Total/NA	Ground Water	3510C	
480-236618-2	BCC Area E MW-BCP-02	Total/NA	Ground Water	3510C	
480-236618-3	BCC Area E MW-E05	Total/NA	Ground Water	3510C	
480-236618-4	BCC Area E RFI-29	Total/NA	Ground Water	3510C	
480-236618-5	BCC Area E RFI-33	Total/NA	Ground Water	3510C	
480-236618-6	BCC Area E MW-BCP-02D	Total/NA	Wastewater	3510C	
MB 480-769427/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-769427/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-236618-3 MS	BCC Area E MW-E05 MS	Total/NA	Ground Water	3510C	
480-236618-3 MSD	BCC Area E MW-E05 MSD	Total/NA	Ground Water	3510C	

Analysis Batch: 769481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-236618-1	BCC Area E MW-BCP-01	Total/NA	Ground Water	8270D	769427
480-236618-2	BCC Area E MW-BCP-02	Total/NA	Ground Water	8270D	769427
480-236618-3	BCC Area E MW-E05	Total/NA	Ground Water	8270D	769427
480-236618-4	BCC Area E RFI-29	Total/NA	Ground Water	8270D	769427
480-236618-5	BCC Area E RFI-33	Total/NA	Ground Water	8270D	769427
480-236618-6	BCC Area E MW-BCP-02D	Total/NA	Wastewater	8270D	769427
MB 480-769427/1-A	Method Blank	Total/NA	Water	8270D	769427
LCS 480-769427/2-A	Lab Control Sample	Total/NA	Water	8270D	769427
480-236618-3 MS	BCC Area E MW-E05 MS	Total/NA	Ground Water	8270D	769427
480-236618-3 MSD	BCC Area E MW-E05 MSD	Total/NA	Ground Water	8270D	769427

Metals

Prep Batch: 769351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-236618-1	BCC Area E MW-BCP-01	Total/NA	Ground Water	3005A	
480-236618-2	BCC Area E MW-BCP-02	Total/NA	Ground Water	3005A	
480-236618-3	BCC Area E MW-E05	Total/NA	Ground Water	3005A	
480-236618-4	BCC Area E RFI-29	Total/NA	Ground Water	3005A	
480-236618-5	BCC Area E RFI-33	Total/NA	Ground Water	3005A	
480-236618-6	BCC Area E MW-BCP-02D	Total/NA	Wastewater	3005A	
MB 480-769351/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-769351/2-A	Lab Control Sample	Total/NA	Water	3005A	

Metals (Continued)

Prep Batch: 769351 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-236618-3 MS	BCC Area E MW-E05 MS	Total/NA	Ground Water	3005A	
480-236618-3 MSD	BCC Area E MW-E05 MSD	Total/NA	Ground Water	3005A	

Prep Batch: 769414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-236618-1	BCC Area E MW-BCP-01	Total/NA	Ground Water	7470A	
480-236618-2	BCC Area E MW-BCP-02	Total/NA	Ground Water	7470A	
480-236618-3	BCC Area E MW-E05	Total/NA	Ground Water	7470A	
480-236618-4	BCC Area E RFI-29	Total/NA	Ground Water	7470A	
480-236618-5	BCC Area E RFI-33	Total/NA	Ground Water	7470A	
480-236618-6	BCC Area E MW-BCP-02D	Total/NA	Wastewater	7470A	
MB 480-769414/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-769414/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-236618-3 MS	BCC Area E MW-E05 MS	Total/NA	Ground Water	7470A	
480-236618-3 MSD	BCC Area E MW-E05 MSD	Total/NA	Ground Water	7470A	

Analysis Batch: 769573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-236618-1	BCC Area E MW-BCP-01	Total/NA	Ground Water	6010D	769351
480-236618-2	BCC Area E MW-BCP-02	Total/NA	Ground Water	6010D	769351
480-236618-3	BCC Area E MW-E05	Total/NA	Ground Water	6010D	769351
480-236618-4	BCC Area E RFI-29	Total/NA	Ground Water	6010D	769351
480-236618-5	BCC Area E RFI-33	Total/NA	Ground Water	6010D	769351
480-236618-6	BCC Area E MW-BCP-02D	Total/NA	Wastewater	6010D	769351
MB 480-769351/1-A	Method Blank	Total/NA	Water	6010D	769351
LCS 480-769351/2-A	Lab Control Sample	Total/NA	Water	6010D	769351
480-236618-3 MS	BCC Area E MW-E05 MS	Total/NA	Ground Water	6010D	769351
480-236618-3 MSD	BCC Area E MW-E05 MSD	Total/NA	Ground Water	6010D	769351

Analysis Batch: 769895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-236618-1	BCC Area E MW-BCP-01	Total/NA	Ground Water	7470A	769414
480-236618-2	BCC Area E MW-BCP-02	Total/NA	Ground Water	7470A	769414
480-236618-3	BCC Area E MW-E05	Total/NA	Ground Water	7470A	769414
480-236618-4	BCC Area E RFI-29	Total/NA	Ground Water	7470A	769414
480-236618-5	BCC Area E RFI-33	Total/NA	Ground Water	7470A	769414
480-236618-6	BCC Area E MW-BCP-02D	Total/NA	Wastewater	7470A	769414
MB 480-769414/1-A	Method Blank	Total/NA	Water	7470A	769414
LCS 480-769414/2-A	Lab Control Sample	Total/NA	Water	7470A	769414
480-236618-3 MS	BCC Area E MW-E05 MS	Total/NA	Ground Water	7470A	769414
480-236618-3 MSD	BCC Area E MW-E05 MSD	Total/NA	Ground Water	7470A	769414

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-236618-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E MW-BCP-01
Lab Sample ID: 480-236618-1
Date Collected: 03/04/26 09:30
Matrix: Ground Water
Date Received: 03/04/26 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	769302	LCH	EET BUF	03/05/26 16:33
Total/NA	Prep	3510C			769427	LSC	EET BUF	03/06/26 13:05
Total/NA	Analysis	8270D		1	769481	JMM	EET BUF	03/09/26 16:55
Total/NA	Prep	3005A			769351	EMO	EET BUF	03/06/26 09:20
Total/NA	Analysis	6010D		1	769573	BMB	EET BUF	03/09/26 20:57
Total/NA	Prep	7470A			769414	ESB	EET BUF	03/12/26 10:49
Total/NA	Analysis	7470A		1	769895	ESB	EET BUF	03/12/26 18:41

Client Sample ID: BCC Area E MW-BCP-02
Lab Sample ID: 480-236618-2
Date Collected: 03/04/26 10:30
Matrix: Ground Water
Date Received: 03/04/26 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	769302	LCH	EET BUF	03/05/26 16:57
Total/NA	Prep	3510C			769427	LSC	EET BUF	03/06/26 13:05
Total/NA	Analysis	8270D		1	769481	JMM	EET BUF	03/09/26 17:21
Total/NA	Prep	3005A			769351	EMO	EET BUF	03/06/26 09:20
Total/NA	Analysis	6010D		1	769573	BMB	EET BUF	03/09/26 21:04
Total/NA	Prep	7470A			769414	ESB	EET BUF	03/12/26 10:49
Total/NA	Analysis	7470A		1	769895	ESB	EET BUF	03/12/26 18:44

Client Sample ID: BCC Area E MW-E05
Lab Sample ID: 480-236618-3
Date Collected: 03/04/26 11:50
Matrix: Ground Water
Date Received: 03/04/26 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	769302	LCH	EET BUF	03/05/26 17:21
Total/NA	Prep	3510C			769427	LSC	EET BUF	03/06/26 13:05
Total/NA	Analysis	8270D		1	769481	JMM	EET BUF	03/09/26 15:11
Total/NA	Prep	3005A			769351	EMO	EET BUF	03/06/26 09:20
Total/NA	Analysis	6010D		1	769573	BMB	EET BUF	03/09/26 21:06
Total/NA	Prep	7470A			769414	ESB	EET BUF	03/12/26 10:49
Total/NA	Analysis	7470A		1	769895	ESB	EET BUF	03/12/26 18:47

Client Sample ID: BCC Area E RFI-29
Lab Sample ID: 480-236618-4
Date Collected: 03/04/26 13:50
Matrix: Ground Water
Date Received: 03/04/26 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	769302	LCH	EET BUF	03/05/26 17:45
Total/NA	Prep	3510C			769427	LSC	EET BUF	03/06/26 13:05
Total/NA	Analysis	8270D		1	769481	JMM	EET BUF	03/09/26 17:47
Total/NA	Prep	3005A			769351	EMO	EET BUF	03/06/26 09:20
Total/NA	Analysis	6010D		1	769573	BMB	EET BUF	03/09/26 21:17

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-236618-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E RFI-29
Lab Sample ID: 480-236618-4
Date Collected: 03/04/26 13:50
Matrix: Ground Water
Date Received: 03/04/26 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			769414	ESB	EET BUF	03/12/26 10:49
Total/NA	Analysis	7470A		1	769895	ESB	EET BUF	03/12/26 19:04

Client Sample ID: BCC Area E RFI-33
Lab Sample ID: 480-236618-5
Date Collected: 03/04/26 14:35
Matrix: Ground Water
Date Received: 03/04/26 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	769302	LCH	EET BUF	03/05/26 18:09
Total/NA	Prep	3510C			769427	LSC	EET BUF	03/06/26 13:05
Total/NA	Analysis	8270D		1	769481	JMM	EET BUF	03/09/26 18:13
Total/NA	Prep	3005A			769351	EMO	EET BUF	03/06/26 09:20
Total/NA	Analysis	6010D		1	769573	BMB	EET BUF	03/09/26 21:19
Total/NA	Prep	7470A			769414	ESB	EET BUF	03/12/26 10:49
Total/NA	Analysis	7470A		1	769895	ESB	EET BUF	03/12/26 19:07

Client Sample ID: BCC Area E MW-BCP-02D
Lab Sample ID: 480-236618-6
Date Collected: 03/04/26 10:30
Matrix: Wastewater
Date Received: 03/04/26 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		2	769302	LCH	EET BUF	03/05/26 18:32
Total/NA	Prep	3510C			769427	LSC	EET BUF	03/06/26 13:05
Total/NA	Analysis	8270D		1	769481	JMM	EET BUF	03/09/26 18:39
Total/NA	Prep	3005A			769351	EMO	EET BUF	03/06/26 09:20
Total/NA	Analysis	6010D		1	769573	BMB	EET BUF	03/09/26 21:21
Total/NA	Prep	7470A			769414	ESB	EET BUF	03/12/26 10:49
Total/NA	Analysis	7470A		1	769895	ESB	EET BUF	03/12/26 19:09

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-236618-7
Date Collected: 03/04/26 00:00
Matrix: Water
Date Received: 03/04/26 16:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	769302	LCH	EET BUF	03/05/26 18:56

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-236618-1
Project/Site: Buffalo Color Area E Wells

Laboratory: Eurofins Buffalo

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-16-26

Method Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Wells

Job ID: 480-236618-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
6010D	Metals (ICP)	SW846	EET BUF
7470A	Mercury (CVAA)	SW846	EET BUF
3005A	Preparation, Total Metals	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF
7470A	Preparation, Mercury	SW846	EET BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Wells

Job ID: 480-236618-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-236618-1	BCC Area E MW-BCP-01	Ground Water	03/04/26 09:30	03/04/26 16:20	New York
480-236618-2	BCC Area E MW-BCP-02	Ground Water	03/04/26 10:30	03/04/26 16:20	New York
480-236618-3	BCC Area E MW-E05	Ground Water	03/04/26 11:50	03/04/26 16:20	New York
480-236618-4	BCC Area E RFI-29	Ground Water	03/04/26 13:50	03/04/26 16:20	New York
480-236618-5	BCC Area E RFI-33	Ground Water	03/04/26 14:35	03/04/26 16:20	New York
480-236618-6	BCC Area E MW-BCP-02D	Wastewater	03/04/26 10:30	03/04/26 16:20	New York
480-236618-7	TRIP BLANK	Water	03/04/26 00:00	03/04/26 16:20	New York

10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

Eurofins | Environment Testing

Client Information	Sampler: K. Miller	Lab PM: Schove, John R	Carrier Tracking No(s): Hand Delivered	COC No: 480-211550-6267.1
Client Contact: Kirsten Colligan	Phone:	E-Mail: John.Schove@et.eurofinsus.com	State of Origin: NY	Page: Page 1 of 1
Company: Ontario Specialty Contracting, Inc.	PWSID:	Analysis Requested		Job #: 16011
Address: 140 Lee St.	Due Date Requested: Standard			Preservation Codes: D - HNO3, A - HCL, N - None
City: Buffalo	TAT Requested (days): 2weeks			
State, Zip: NY, 14210	Compliance Project: Δ Yes Δ No			
Phone: 716 856 3333	PO #: [redacted] 68162			
Email: kcolligan@oscinc.com	WO #:			Other:
Project Name: OSC- Former Buffalo Color Sites/ Event Desc: Buffalo Color Area	Project #: 48003159			
Site: New York	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Wewater, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010B, 7470A	8260B - TCL VOCs	8270D - TCL SVOCs + aniline	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	A	N		
BCC Area E MW-BCP-01	3/4/26	0930	G	Water	N		X	3	2		
BCC Area E MW-BCP-02		1030	G	Water	N		1	3	2		
BCC Area E MW-E05		1150	G	Water	N	Y	1	3	2		
BCC Area E RFI-29		1350	G	Water	N		1	3	2		
BCC Area E RFI-33		1435	G	Water	N		1	3	2		
BCC Area E MW-BCP-02D		1030	G	Water	N		1	3	2		
BCC Area E MW-E05 MS		1150	G	Water	N		1	3	2		
BCC Area E MW-E05 MSD		1150	G	Water	N		1	3	2		
TRIP BLANK			G	Water	N		1				

480-236618 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if sample
☐ Return To Client ☐ Disposal By Lab ☐ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	3/4/26 1530			3.4.26 1620	ETB
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☑ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 3.8 ICE

Ver: 10/10/2024

3/13/2026

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-236618-1

Login Number: 236618

List Source: Eurofins Buffalo

List Number: 1

Creator: Yeager, Brian A

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	Ontario Specialty Contracting
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-236618-1

Login Number: 236618

List Source: Eurofins Buffalo

List Number: 2

Creator: Yeager, Brian A

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Kirsten Colligan
Ontario Specialty Contracting, Inc.
140 Lee St.
Buffalo, New York 14210

Generated 12/19/2025 1:35:26 PM

JOB DESCRIPTION

Buffalo Color Area E Wells
Buffalo Color Area E Wells

JOB NUMBER

480-235216-1

Eurofins Buffalo
10 Hazelwood Drive
Amherst NY 14228-2298

See page two for job notes and contact information.

Job Notes

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

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

Authorization

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Authorized for release by
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Definitions/Glossary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-235216-1
Project/Site: Buffalo Color Area E Wells

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
^5-	Linear Range Check (LRC) is outside acceptance limits, low biased.
^5+	Linear Range Check (LRC) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job ID: 480-235216-1 Eurofins Buffalo

Job Narrative
480-235216-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 12/12/2025 3:50 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.9°C.

GC/MS VOA
Method 8260C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 480-764810 were outside control limits for one or more analytes. See QC Sample Results for detail. The associated samples are:BCC Area E MW-E05 (480-235216-1[MS]) and BCC Area E MW-E05 (480-235216-1[MSD]).

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-764810 recovered outside acceptance criteria, low biased, for 2-Hexanone and Methyl-t-Butyl Ether (MTBE). A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The associated samples are:BCC Area E MW-E05 (480-235216-1), BCC Area E RFI-29 (480-235216-2), BCC Area E RFI-32A (480-235216-3), BCC Area E RFI-33 (480-235216-4) and TRIP BLANK (480-235216-6).

Method 8260C: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 480-764810 recovered outside control limits for the following analytes: Dichlorodifluoromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported. The associated samples are:BCC Area E MW-E05 (480-235216-1), BCC Area E RFI-29 (480-235216-2), BCC Area E RFI-32A (480-235216-3), BCC Area E RFI-33 (480-235216-4) and TRIP BLANK (480-235216-6).

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: BCC Area E RFI-32A (480-235216-3). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-764908 recovered outside acceptance criteria, low biased, for Methyl tert-butyl ether. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The associated sample is:BCC Area E RFI-29D (480-235216-5).

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

GC/MS Semi VOA
Method 8270D: The continuing calibration verification (CCV) associated with batch 480-764994 recovered above the upper control limit for Hexachlorobenzene and Hexachlorobutadiene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are:BCC Area E MW-E05 (480-235216-1), BCC Area E RFI-29 (480-235216-2), BCC Area E RFI-32A (480-235216-3), BCC Area E RFI-33 (480-235216-4) and BCC Area E RFI-29D (480-235216-5).

Method 8270D: The continuing calibration verification (CCV) analyzed in batch 480-764994 was outside the method criteria for the following analyte(s): 2,4,6-Tribromophenol. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated. The associated samples are:BCC Area E MW-E05 (480-235216-1), BCC Area E RFI-29 (480-235216-2), BCC Area E RFI-32A (480-235216-3), BCC Area E RFI-33 (480-235216-4) and BCC Area E RFI-29D (480-235216-5).

Job ID: 480-235216-1 (Continued) Eurofins Buffalo

Method 8270D: The following samples were diluted due to the nature of the sample matrix: BCC Area E RFI-32A (480-235216-3) and BCC Area E RFI-29D (480-235216-5). Elevated reporting limits (RLs) are provided.

Method 8270D: The following sample required a dilution due to the nature of the sample matrix: BCC Area E RFI-32A (480-235216-3). Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

Method 8270D: The continuing calibration verification (CCV) associated with batch 480-764994 recovered outside acceptance criteria, low biased, for 3-Nitroaniline and Aniline. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported. The associated samples are:BCC Area E MW-E05 (480-235216-1), BCC Area E RFI-29 (480-235216-2), BCC Area E RFI-32A (480-235216-3), BCC Area E RFI-33 (480-235216-4) and BCC Area E RFI-29D (480-235216-5).

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

Metals
Method 6010D: The linear range check (LRC) standard recovery associated with 480-765087 is outside the acceptance criteria for the following analytes: total Silver, Copper, Lead, Zinc. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

Method 6010D: The linear range check (LRC) standard recovery associated with 480-765087 is outside the acceptance criteria for the following analytes: total Silver, Copper, Lead. The concentration of these analyte(s) in the sample(s) are below the highest standard of the calibration curve; therefore, the data have been reported.

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

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

Detection Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Wells

Job ID: 480-235216-1

Client Sample ID: BCC Area E MW-E05 — Lab Sample ID: 480-235216-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	1.5		1.0	0.75	ug/L	1		8260C	Total/NA
Aluminum	0.17	J	0.20	0.060	mg/L	1		6010D	Total/NA
Arsenic	0.0065	J	0.015	0.0056	mg/L	1		6010D	Total/NA
Barium	0.032		0.0020	0.00070	mg/L	1		6010D	Total/NA
Cadmium	0.012		0.0020	0.00050	mg/L	1		6010D	Total/NA
Calcium	167		0.50	0.10	mg/L	1		6010D	Total/NA
Cobalt	0.0027	J	0.0040	0.00063	mg/L	1		6010D	Total/NA
Copper	0.11	^5+	0.010	0.0016	mg/L	1		6010D	Total/NA
Iron	0.18		0.050	0.019	mg/L	1		6010D	Total/NA
Lead	0.018	B ^5+	0.010	0.0030	mg/L	1		6010D	Total/NA
Magnesium	18.3		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	0.035		0.0030	0.00040	mg/L	1		6010D	Total/NA
Nickel	0.013		0.010	0.0013	mg/L	1		6010D	Total/NA
Potassium	5.8	^5+	0.50	0.10	mg/L	1		6010D	Total/NA
Selenium	0.025		0.025	0.0087	mg/L	1		6010D	Total/NA
Sodium	47.1		1.0	0.32	mg/L	1		6010D	Total/NA
Zinc	2.7		0.010	0.0015	mg/L	1		6010D	Total/NA

Client Sample ID: BCC Area E RFI-29 — Lab Sample ID: 480-235216-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	8.1		1.0	0.79	ug/L	1		8260C	Total/NA
1,3-Dichlorobenzene	0.94	J	1.0	0.78	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	5.1		1.0	0.84	ug/L	1		8260C	Total/NA
Chlorobenzene	21		1.0	0.75	ug/L	1		8260C	Total/NA
Barium	0.056		0.0020	0.00070	mg/L	1		6010D	Total/NA
Calcium	142		0.50	0.10	mg/L	1		6010D	Total/NA
Copper	0.0017	J ^5+	0.010	0.0016	mg/L	1		6010D	Total/NA
Iron	0.39		0.050	0.019	mg/L	1		6010D	Total/NA
Lead	0.0083	J B ^5+	0.010	0.0030	mg/L	1		6010D	Total/NA
Magnesium	20.4		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	0.22		0.0030	0.00040	mg/L	1		6010D	Total/NA
Potassium	9.8	^5+	0.50	0.10	mg/L	1		6010D	Total/NA
Sodium	89.7		1.0	0.32	mg/L	1		6010D	Total/NA

Client Sample ID: BCC Area E RFI-32A — Lab Sample ID: 480-235216-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chlorobenzene	110000		4000	3000	ug/L	4000		8260C	Total/NA
2-Chlorophenol	51	J	100	11	ug/L	20		8270D	Total/NA
Arsenic	0.0057	J	0.015	0.0056	mg/L	1		6010D	Total/NA
Barium	0.020		0.0020	0.00070	mg/L	1		6010D	Total/NA
Calcium	427		0.50	0.10	mg/L	1		6010D	Total/NA
Cobalt	0.0026	J	0.0040	0.00063	mg/L	1		6010D	Total/NA
Iron	1.7		0.050	0.019	mg/L	1		6010D	Total/NA
Lead	0.0055	J B ^5+	0.010	0.0030	mg/L	1		6010D	Total/NA
Magnesium	117		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	1.0		0.0030	0.00040	mg/L	1		6010D	Total/NA
Nickel	0.0066	J	0.010	0.0013	mg/L	1		6010D	Total/NA
Potassium	2.7	^5+	0.50	0.10	mg/L	1		6010D	Total/NA
Sodium	154		1.0	0.32	mg/L	1		6010D	Total/NA
Sulfate	984		150	45.0	mg/L	30		D516-90, 02	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: BCC Area E RFI-32A (Continued) — Lab Sample ID: 480-235216-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Organic Carbon	7.9		1.0	0.43	mg/L	1		SM 5310D	Total/NA

Client Sample ID: BCC Area E RFI-33 — Lab Sample ID: 480-235216-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	0.072	J	0.20	0.060	mg/L	1		6010D	Total/NA
Barium	0.026		0.0020	0.00070	mg/L	1		6010D	Total/NA
Calcium	78.3		0.50	0.10	mg/L	1		6010D	Total/NA
Chromium	0.0045		0.0040	0.0010	mg/L	1		6010D	Total/NA
Copper	0.0044	J ^5+	0.010	0.0016	mg/L	1		6010D	Total/NA
Iron	0.13		0.050	0.019	mg/L	1		6010D	Total/NA
Magnesium	6.7		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	0.014		0.0030	0.00040	mg/L	1		6010D	Total/NA
Nickel	0.0027	J	0.010	0.0013	mg/L	1		6010D	Total/NA
Potassium	0.79	^5+	0.50	0.10	mg/L	1		6010D	Total/NA
Sodium	13.3		1.0	0.32	mg/L	1		6010D	Total/NA
Vanadium	0.0026	J	0.0050	0.0015	mg/L	1		6010D	Total/NA
Zinc	0.0082	J ^5-	0.010	0.0015	mg/L	1		6010D	Total/NA

Client Sample ID: BCC Area E RFI-29D — Lab Sample ID: 480-235216-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2-Dichlorobenzene	7.8		1.0	0.79	ug/L	1		8260C	Total/NA
1,3-Dichlorobenzene	0.93	J	1.0	0.78	ug/L	1		8260C	Total/NA
1,4-Dichlorobenzene	4.9		1.0	0.84	ug/L	1		8260C	Total/NA
Chlorobenzene	20		1.0	0.75	ug/L	1		8260C	Total/NA
Arsenic	0.0058	J	0.015	0.0056	mg/L	1		6010D	Total/NA
Barium	0.056		0.0020	0.00070	mg/L	1		6010D	Total/NA
Calcium	144		0.50	0.10	mg/L	1		6010D	Total/NA
Iron	0.38		0.050	0.019	mg/L	1		6010D	Total/NA
Lead	0.0080	J B ^5+	0.010	0.0030	mg/L	1		6010D	Total/NA
Magnesium	20.7		0.20	0.043	mg/L	1		6010D	Total/NA
Manganese	0.22		0.0030	0.00040	mg/L	1		6010D	Total/NA
Potassium	10	^5+	0.50	0.10	mg/L	1		6010D	Total/NA
Sodium	88.9		1.0	0.32	mg/L	1		6010D	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-235216-6

No Detections.

This Detection Summary does not include radiochemical test results.

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-235216-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E MW-E05
Lab Sample ID: 480-235216-1
Date Collected: 12/11/25 10:30
Matrix: Ground Water
Date Received: 12/12/25 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/15/25 17:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/15/25 17:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/15/25 17:08	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/15/25 17:08	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/15/25 17:08	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/15/25 17:08	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/15/25 17:08	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/15/25 17:08	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/15/25 17:08	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/15/25 17:08	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/15/25 17:08	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/15/25 17:08	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/15/25 17:08	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/15/25 17:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/15/25 17:08	1
2-Hexanone	ND		5.0	1.2	ug/L			12/15/25 17:08	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/15/25 17:08	1
Acetone	ND		10	3.0	ug/L			12/15/25 17:08	1
Benzene	ND		1.0	0.41	ug/L			12/15/25 17:08	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/15/25 17:08	1
Bromoform	ND		1.0	0.26	ug/L			12/15/25 17:08	1
Bromomethane	ND		1.0	0.69	ug/L			12/15/25 17:08	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/15/25 17:08	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/15/25 17:08	1
Chlorobenzene	**1.5**		1.0	0.75	ug/L			12/15/25 17:08	1
Chloroethane	ND		1.0	0.32	ug/L			12/15/25 17:08	1
Chloroform	ND		1.0	0.34	ug/L			12/15/25 17:08	1
Chloromethane	ND	F1	1.0	0.35	ug/L			12/15/25 17:08	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/15/25 17:08	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/15/25 17:08	1
Cyclohexane	ND		1.0	0.18	ug/L			12/15/25 17:08	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/15/25 17:08	1
Dichlorodifluoromethane	ND	F1 *+	1.0	0.68	ug/L			12/15/25 17:08	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/15/25 17:08	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/15/25 17:08	1
Methyl acetate	ND		2.5	1.3	ug/L			12/15/25 17:08	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/15/25 17:08	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/15/25 17:08	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/15/25 17:08	1
Styrene	ND		1.0	0.73	ug/L			12/15/25 17:08	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/15/25 17:08	1
Toluene	ND		1.0	0.51	ug/L			12/15/25 17:08	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/15/25 17:08	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/15/25 17:08	1
Trichloroethene	ND		1.0	0.46	ug/L			12/15/25 17:08	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/15/25 17:08	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/15/25 17:08	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/15/25 17:08	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-235216-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E MW-E05
Lab Sample ID: 480-235216-1
Date Collected: 12/11/25 10:30
Matrix: Ground Water
Date Received: 12/12/25 15:50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*		*12/15/25 17:08*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*12/15/25 17:08*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*12/15/25 17:08*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 123*		*12/15/25 17:08*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		12/16/25 09:10	12/17/25 15:00	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		12/16/25 09:10	12/17/25 15:00	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		12/16/25 09:10	12/17/25 15:00	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		12/16/25 09:10	12/17/25 15:00	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		12/16/25 09:10	12/17/25 15:00	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		12/16/25 09:10	12/17/25 15:00	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		12/16/25 09:10	12/17/25 15:00	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		12/16/25 09:10	12/17/25 15:00	1
2-Chlorophenol	ND		5.0	0.53	ug/L		12/16/25 09:10	12/17/25 15:00	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		12/16/25 09:10	12/17/25 15:00	1
2-Methylphenol	ND		5.0	0.40	ug/L		12/16/25 09:10	12/17/25 15:00	1
2-Nitroaniline	ND		10	0.42	ug/L		12/16/25 09:10	12/17/25 15:00	1
2-Nitrophenol	ND		5.0	0.48	ug/L		12/16/25 09:10	12/17/25 15:00	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		12/16/25 09:10	12/17/25 15:00	1
3-Nitroaniline	ND		10	0.48	ug/L		12/16/25 09:10	12/17/25 15:00	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		12/16/25 09:10	12/17/25 15:00	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		12/16/25 09:10	12/17/25 15:00	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		12/16/25 09:10	12/17/25 15:00	1
4-Chloroaniline	ND		5.0	0.59	ug/L		12/16/25 09:10	12/17/25 15:00	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		12/16/25 09:10	12/17/25 15:00	1
4-Methylphenol	ND		10	0.36	ug/L		12/16/25 09:10	12/17/25 15:00	1
4-Nitroaniline	ND		10	0.25	ug/L		12/16/25 09:10	12/17/25 15:00	1
4-Nitrophenol	ND		10	1.5	ug/L		12/16/25 09:10	12/17/25 15:00	1
Acenaphthene	ND		5.0	0.41	ug/L		12/16/25 09:10	12/17/25 15:00	1
Acenaphthylene	ND		5.0	0.38	ug/L		12/16/25 09:10	12/17/25 15:00	1
Acetophenone	ND		5.0	0.54	ug/L		12/16/25 09:10	12/17/25 15:00	1
Aniline	ND		10	0.61	ug/L		12/16/25 09:10	12/17/25 15:00	1
Anthracene	ND		5.0	0.28	ug/L		12/16/25 09:10	12/17/25 15:00	1
Atrazine	ND		5.0	0.46	ug/L		12/16/25 09:10	12/17/25 15:00	1
Benzaldehyde	ND		5.0	0.27	ug/L		12/16/25 09:10	12/17/25 15:00	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		12/16/25 09:10	12/17/25 15:00	1
Benzo(a)pyrene	ND	F2	5.0	0.47	ug/L		12/16/25 09:10	12/17/25 15:00	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		12/16/25 09:10	12/17/25 15:00	1
Benzo(g,h,i)perylene	ND	F2	5.0	0.35	ug/L		12/16/25 09:10	12/17/25 15:00	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		12/16/25 09:10	12/17/25 15:00	1
Biphenyl	ND		5.0	0.65	ug/L		12/16/25 09:10	12/17/25 15:00	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		12/16/25 09:10	12/17/25 15:00	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		12/16/25 09:10	12/17/25 15:00	1
Bis(2-chloroethyl)ether	ND	F2	5.0	0.40	ug/L		12/16/25 09:10	12/17/25 15:00	1
Bis(2-ethylhexyl) phthalate	ND	F2	5.0	2.2	ug/L		12/16/25 09:10	12/17/25 15:00	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		12/16/25 09:10	12/17/25 15:00	1
Caprolactam	ND		5.0	2.2	ug/L		12/16/25 09:10	12/17/25 15:00	1
Carbazole	ND		5.0	0.30	ug/L		12/16/25 09:10	12/17/25 15:00	1

Client Sample ID: BCC Area E MW-E05
Lab Sample ID: 480-235216-1
Date Collected: 12/11/25 10:30
Matrix: Ground Water
Date Received: 12/12/25 15:50

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		12/16/25 09:10	12/17/25 15:00	1
Dibenz(a,h)anthracene	ND	F2	5.0	0.42	ug/L		12/16/25 09:10	12/17/25 15:00	1
Dibenzofuran	ND		10	0.51	ug/L		12/16/25 09:10	12/17/25 15:00	1
Diethyl phthalate	ND		5.0	0.22	ug/L		12/16/25 09:10	12/17/25 15:00	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		12/16/25 09:10	12/17/25 15:00	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		12/16/25 09:10	12/17/25 15:00	1
Di-n-octyl phthalate	ND	F2	5.0	0.47	ug/L		12/16/25 09:10	12/17/25 15:00	1
Fluoranthene	ND		5.0	0.40	ug/L		12/16/25 09:10	12/17/25 15:00	1
Fluorene	ND		5.0	0.36	ug/L		12/16/25 09:10	12/17/25 15:00	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		12/16/25 09:10	12/17/25 15:00	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		12/16/25 09:10	12/17/25 15:00	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		12/16/25 09:10	12/17/25 15:00	1
Hexachloroethane	ND		5.0	0.59	ug/L		12/16/25 09:10	12/17/25 15:00	1
Indeno(1,2,3-cd)pyrene	ND	F2	5.0	0.47	ug/L		12/16/25 09:10	12/17/25 15:00	1
Isophorone	ND		5.0	0.43	ug/L		12/16/25 09:10	12/17/25 15:00	1
Naphthalene	ND		5.0	0.76	ug/L		12/16/25 09:10	12/17/25 15:00	1
Nitrobenzene	ND		5.0	0.29	ug/L		12/16/25 09:10	12/17/25 15:00	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		12/16/25 09:10	12/17/25 15:00	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		12/16/25 09:10	12/17/25 15:00	1
Pentachlorophenol	ND		10	2.2	ug/L		12/16/25 09:10	12/17/25 15:00	1
Phenanthrene	ND		5.0	0.44	ug/L		12/16/25 09:10	12/17/25 15:00	1
Phenol	ND		5.0	0.39	ug/L		12/16/25 09:10	12/17/25 15:00	1
Pyrene	ND		5.0	0.34	ug/L		12/16/25 09:10	12/17/25 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*85*		*25 - 144*	*12/16/25 09:10*	*12/17/25 15:00*	*1*
2-Fluorobiphenyl	*89*		*53 - 126*	*12/16/25 09:10*	*12/17/25 15:00*	*1*
2-Fluorophenol	*49*		*24 - 120*	*12/16/25 09:10*	*12/17/25 15:00*	*1*
Nitrobenzene-d5	*73*		*29 - 129*	*12/16/25 09:10*	*12/17/25 15:00*	*1*
Phenol-d5	*32*		*10 - 120*	*12/16/25 09:10*	*12/17/25 15:00*	*1*
p-Terphenyl-d14	*74*		*33 - 132*	*12/16/25 09:10*	*12/17/25 15:00*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.17**	**J**	0.20	0.060	mg/L		12/17/25 09:06	12/17/25 16:40	1
Antimony	ND		0.020	0.0068	mg/L		12/17/25 09:06	12/17/25 16:40	1
Arsenic	**0.0065**	**J**	0.015	0.0056	mg/L		12/17/25 09:06	12/17/25 16:40	1
Barium	**0.032**		0.0020	0.00070	mg/L		12/17/25 09:06	12/17/25 16:40	1
Beryllium	ND		0.0020	0.00030	mg/L		12/17/25 09:06	12/17/25 16:40	1
Cadmium	**0.012**		0.0020	0.00050	mg/L		12/17/25 09:06	12/17/25 16:40	1
Calcium	**167**		0.50	0.10	mg/L		12/17/25 09:06	12/17/25 16:40	1
Chromium	ND		0.0040	0.0010	mg/L		12/17/25 09:06	12/17/25 16:40	1
Cobalt	**0.0027**	**J**	0.0040	0.00063	mg/L		12/17/25 09:06	12/17/25 16:40	1
Copper	**0.11**	**^5+**	0.010	0.0016	mg/L		12/17/25 09:06	12/17/25 16:40	1
Iron	**0.18**		0.050	0.019	mg/L		12/17/25 09:06	12/17/25 16:40	1
Lead	**0.018**	**B ^5+**	0.010	0.0030	mg/L		12/17/25 09:06	12/17/25 16:40	1
Magnesium	**18.3**		0.20	0.043	mg/L		12/17/25 09:06	12/17/25 16:40	1
Manganese	**0.035**		0.0030	0.00040	mg/L		12/17/25 09:06	12/17/25 16:40	1
Nickel	**0.013**		0.010	0.0013	mg/L		12/17/25 09:06	12/17/25 16:40	1
Potassium	**5.8**	**^5+**	0.50	0.10	mg/L		12/17/25 09:06	12/17/25 16:40	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Wells

Job ID: 480-235216-1

Client Sample ID: BCC Area E MW-E05

Lab Sample ID: 480-235216-1

Date Collected: 12/11/25 10:30

Matrix: Ground Water

Date Received: 12/12/25 15:50

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	**0.025**		0.025	0.0087	mg/L		12/17/25 09:06	12/17/25 16:40	1
Silver	ND	^5-	0.0060	0.0017	mg/L		12/17/25 09:06	12/17/25 16:40	1
Sodium	**47.1**		1.0	0.32	mg/L		12/17/25 09:06	12/17/25 16:40	1
Thallium	ND		0.020	0.010	mg/L		12/17/25 09:06	12/17/25 16:40	1
Vanadium	ND		0.0050	0.0015	mg/L		12/17/25 09:06	12/17/25 16:40	1
Zinc	**2.7**		0.010	0.0015	mg/L		12/17/25 09:06	12/19/25 10:16	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		12/16/25 10:33	12/16/25 14:24	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Wells

Job ID: 480-235216-1

Client Sample ID: BCC Area E RFI-29

Date Collected: 12/11/25 11:50
Date Received: 12/12/25 15:50

Lab Sample ID: 480-235216-2

Matrix: Ground Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/15/25 17:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/15/25 17:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/15/25 17:30	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/15/25 17:30	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/15/25 17:30	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/15/25 17:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/15/25 17:30	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/15/25 17:30	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/15/25 17:30	1
1,2-Dichlorobenzene	**8.1**		1.0	0.79	ug/L			12/15/25 17:30	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/15/25 17:30	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/15/25 17:30	1
1,3-Dichlorobenzene	**0.94**	**J**	1.0	0.78	ug/L			12/15/25 17:30	1
1,4-Dichlorobenzene	**5.1**		1.0	0.84	ug/L			12/15/25 17:30	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/15/25 17:30	1
2-Hexanone	ND		5.0	1.2	ug/L			12/15/25 17:30	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/15/25 17:30	1
Acetone	ND		10	3.0	ug/L			12/15/25 17:30	1
Benzene	ND		1.0	0.41	ug/L			12/15/25 17:30	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/15/25 17:30	1
Bromoform	ND		1.0	0.26	ug/L			12/15/25 17:30	1
Bromomethane	ND		1.0	0.69	ug/L			12/15/25 17:30	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/15/25 17:30	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/15/25 17:30	1
Chlorobenzene	**21**		1.0	0.75	ug/L			12/15/25 17:30	1
Chloroethane	ND		1.0	0.32	ug/L			12/15/25 17:30	1
Chloroform	ND		1.0	0.34	ug/L			12/15/25 17:30	1
Chloromethane	ND		1.0	0.35	ug/L			12/15/25 17:30	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/15/25 17:30	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/15/25 17:30	1
Cyclohexane	ND		1.0	0.18	ug/L			12/15/25 17:30	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/15/25 17:30	1
Dichlorodifluoromethane	ND	*+	1.0	0.68	ug/L			12/15/25 17:30	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/15/25 17:30	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/15/25 17:30	1
Methyl acetate	ND		2.5	1.3	ug/L			12/15/25 17:30	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/15/25 17:30	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/15/25 17:30	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/15/25 17:30	1
Styrene	ND		1.0	0.73	ug/L			12/15/25 17:30	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/15/25 17:30	1
Toluene	ND		1.0	0.51	ug/L			12/15/25 17:30	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/15/25 17:30	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/15/25 17:30	1
Trichloroethene	ND		1.0	0.46	ug/L			12/15/25 17:30	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/15/25 17:30	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/15/25 17:30	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/15/25 17:30	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-235216-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E RFI-29
Lab Sample ID: 480-235216-2

Date Collected: 12/11/25 11:50
Matrix: Ground Water

Date Received: 12/12/25 15:50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*12/15/25 17:30*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*12/15/25 17:30*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*12/15/25 17:30*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*12/15/25 17:30*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.4	0.52	ug/L		12/16/25 09:10	12/17/25 15:26	1
2,4,6-Trichlorophenol	ND		5.4	0.66	ug/L		12/16/25 09:10	12/17/25 15:26	1
2,4-Dichlorophenol	ND		5.4	0.55	ug/L		12/16/25 09:10	12/17/25 15:26	1
2,4-Dimethylphenol	ND		5.4	0.54	ug/L		12/16/25 09:10	12/17/25 15:26	1
2,4-Dinitrophenol	ND		11	2.4	ug/L		12/16/25 09:10	12/17/25 15:26	1
2,4-Dinitrotoluene	ND		5.4	0.49	ug/L		12/16/25 09:10	12/17/25 15:26	1
2,6-Dinitrotoluene	ND		5.4	0.43	ug/L		12/16/25 09:10	12/17/25 15:26	1
2-Chloronaphthalene	ND		5.4	0.50	ug/L		12/16/25 09:10	12/17/25 15:26	1
2-Chlorophenol	ND		5.4	0.58	ug/L		12/16/25 09:10	12/17/25 15:26	1
2-Methylnaphthalene	ND		5.4	0.65	ug/L		12/16/25 09:10	12/17/25 15:26	1
2-Methylphenol	ND		5.4	0.43	ug/L		12/16/25 09:10	12/17/25 15:26	1
2-Nitroaniline	ND		11	0.46	ug/L		12/16/25 09:10	12/17/25 15:26	1
2-Nitrophenol	ND		5.4	0.52	ug/L		12/16/25 09:10	12/17/25 15:26	1
3,3'-Dichlorobenzidine	ND		5.4	0.43	ug/L		12/16/25 09:10	12/17/25 15:26	1
3-Nitroaniline	ND		11	0.52	ug/L		12/16/25 09:10	12/17/25 15:26	1
4,6-Dinitro-2-methylphenol	ND		11	2.4	ug/L		12/16/25 09:10	12/17/25 15:26	1
4-Bromophenyl phenyl ether	ND		5.4	0.49	ug/L		12/16/25 09:10	12/17/25 15:26	1
4-Chloro-3-methylphenol	ND		5.4	0.49	ug/L		12/16/25 09:10	12/17/25 15:26	1
4-Chloroaniline	ND		5.4	0.64	ug/L		12/16/25 09:10	12/17/25 15:26	1
4-Chlorophenyl phenyl ether	ND		5.4	0.38	ug/L		12/16/25 09:10	12/17/25 15:26	1
4-Methylphenol	ND		11	0.39	ug/L		12/16/25 09:10	12/17/25 15:26	1
4-Nitroaniline	ND		11	0.27	ug/L		12/16/25 09:10	12/17/25 15:26	1
4-Nitrophenol	ND		11	1.7	ug/L		12/16/25 09:10	12/17/25 15:26	1
Acenaphthene	ND		5.4	0.45	ug/L		12/16/25 09:10	12/17/25 15:26	1
Acenaphthylene	ND		5.4	0.41	ug/L		12/16/25 09:10	12/17/25 15:26	1
Acetophenone	ND		5.4	0.59	ug/L		12/16/25 09:10	12/17/25 15:26	1
Aniline	ND		11	0.66	ug/L		12/16/25 09:10	12/17/25 15:26	1
Anthracene	ND		5.4	0.30	ug/L		12/16/25 09:10	12/17/25 15:26	1
Atrazine	ND		5.4	0.50	ug/L		12/16/25 09:10	12/17/25 15:26	1
Benzaldehyde	ND		5.4	0.29	ug/L		12/16/25 09:10	12/17/25 15:26	1
Benzo(a)anthracene	ND		5.4	0.39	ug/L		12/16/25 09:10	12/17/25 15:26	1
Benzo(a)pyrene	ND		5.4	0.51	ug/L		12/16/25 09:10	12/17/25 15:26	1
Benzo(b)fluoranthene	ND		5.4	0.37	ug/L		12/16/25 09:10	12/17/25 15:26	1
Benzo(g,h,i)perylene	ND		5.4	0.38	ug/L		12/16/25 09:10	12/17/25 15:26	1
Benzo(k)fluoranthene	ND		5.4	0.79	ug/L		12/16/25 09:10	12/17/25 15:26	1
Biphenyl	ND		5.4	0.71	ug/L		12/16/25 09:10	12/17/25 15:26	1
bis (2-chloroisopropyl) ether	ND		5.4	0.57	ug/L		12/16/25 09:10	12/17/25 15:26	1
Bis(2-chloroethoxy)methane	ND		5.4	0.38	ug/L		12/16/25 09:10	12/17/25 15:26	1
Bis(2-chloroethyl)ether	ND		5.4	0.43	ug/L		12/16/25 09:10	12/17/25 15:26	1
Bis(2-ethylhexyl) phthalate	ND		5.4	2.4	ug/L		12/16/25 09:10	12/17/25 15:26	1
Butyl benzyl phthalate	ND		5.4	1.1	ug/L		12/16/25 09:10	12/17/25 15:26	1
Caprolactam	ND		5.4	2.4	ug/L		12/16/25 09:10	12/17/25 15:26	1
Carbazole	ND		5.4	0.33	ug/L		12/16/25 09:10	12/17/25 15:26	1

Client Sample ID: BCC Area E RFI-29
Lab Sample ID: 480-235216-2
Date Collected: 12/11/25 11:50
Matrix: Ground Water
Date Received: 12/12/25 15:50

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.4	0.36	ug/L		12/16/25 09:10	12/17/25 15:26	1
Dibenz(a,h)anthracene	ND		5.4	0.46	ug/L		12/16/25 09:10	12/17/25 15:26	1
Dibenzofuran	ND		11	0.55	ug/L		12/16/25 09:10	12/17/25 15:26	1
Diethyl phthalate	ND		5.4	0.24	ug/L		12/16/25 09:10	12/17/25 15:26	1
Dimethyl phthalate	ND		5.4	0.39	ug/L		12/16/25 09:10	12/17/25 15:26	1
Di-n-butyl phthalate	ND		5.4	0.34	ug/L		12/16/25 09:10	12/17/25 15:26	1
Di-n-octyl phthalate	ND		5.4	0.51	ug/L		12/16/25 09:10	12/17/25 15:26	1
Fluoranthene	ND		5.4	0.43	ug/L		12/16/25 09:10	12/17/25 15:26	1
Fluorene	ND		5.4	0.39	ug/L		12/16/25 09:10	12/17/25 15:26	1
Hexachlorobenzene	ND		5.4	0.55	ug/L		12/16/25 09:10	12/17/25 15:26	1
Hexachlorobutadiene	ND		5.4	0.74	ug/L		12/16/25 09:10	12/17/25 15:26	1
Hexachlorocyclopentadiene	ND		5.4	0.64	ug/L		12/16/25 09:10	12/17/25 15:26	1
Hexachloroethane	ND		5.4	0.64	ug/L		12/16/25 09:10	12/17/25 15:26	1
Indeno(1,2,3-cd)pyrene	ND		5.4	0.51	ug/L		12/16/25 09:10	12/17/25 15:26	1
Isophorone	ND		5.4	0.47	ug/L		12/16/25 09:10	12/17/25 15:26	1
Naphthalene	ND		5.4	0.83	ug/L		12/16/25 09:10	12/17/25 15:26	1
Nitrobenzene	ND		5.4	0.32	ug/L		12/16/25 09:10	12/17/25 15:26	1
N-Nitrosodi-n-propylamine	ND		5.4	0.59	ug/L		12/16/25 09:10	12/17/25 15:26	1
N-Nitrosodiphenylamine	ND		5.4	0.55	ug/L		12/16/25 09:10	12/17/25 15:26	1
Pentachlorophenol	ND		11	2.4	ug/L		12/16/25 09:10	12/17/25 15:26	1
Phenanthrene	ND		5.4	0.48	ug/L		12/16/25 09:10	12/17/25 15:26	1
Phenol	ND		5.4	0.42	ug/L		12/16/25 09:10	12/17/25 15:26	1
Pyrene	ND		5.4	0.37	ug/L		12/16/25 09:10	12/17/25 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*116*		*25 - 144*	*12/16/25 09:10*	*12/17/25 15:26*	*1*
2-Fluorobiphenyl	*91*		*53 - 126*	*12/16/25 09:10*	*12/17/25 15:26*	*1*
2-Fluorophenol	*56*		*24 - 120*	*12/16/25 09:10*	*12/17/25 15:26*	*1*
Nitrobenzene-d5	*77*		*29 - 129*	*12/16/25 09:10*	*12/17/25 15:26*	*1*
Phenol-d5	*38*		*10 - 120*	*12/16/25 09:10*	*12/17/25 15:26*	*1*
p-Terphenyl-d14	*91*		*33 - 132*	*12/16/25 09:10*	*12/17/25 15:26*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		12/17/25 09:06	12/17/25 16:56	1
Antimony	ND		0.020	0.0068	mg/L		12/17/25 09:06	12/17/25 16:56	1
Arsenic	ND		0.015	0.0056	mg/L		12/17/25 09:06	12/17/25 16:56	1
Barium	**0.056**		0.0020	0.00070	mg/L		12/17/25 09:06	12/17/25 16:56	1
Beryllium	ND		0.0020	0.00030	mg/L		12/17/25 09:06	12/17/25 16:56	1
Cadmium	ND		0.0020	0.00050	mg/L		12/17/25 09:06	12/17/25 16:56	1
Calcium	**142**		0.50	0.10	mg/L		12/17/25 09:06	12/17/25 16:56	1
Chromium	ND		0.0040	0.0010	mg/L		12/17/25 09:06	12/17/25 16:56	1
Cobalt	ND		0.0040	0.00063	mg/L		12/17/25 09:06	12/17/25 16:56	1
Copper	**0.0017**	**J ^5+**	0.010	0.0016	mg/L		12/17/25 09:06	12/17/25 16:56	1
Iron	**0.39**		0.050	0.019	mg/L		12/17/25 09:06	12/17/25 16:56	1
Lead	**0.0083**	**J B ^5+**	0.010	0.0030	mg/L		12/17/25 09:06	12/17/25 16:56	1
Magnesium	**20.4**		0.20	0.043	mg/L		12/17/25 09:06	12/17/25 16:56	1
Manganese	**0.22**		0.0030	0.00040	mg/L		12/17/25 09:06	12/17/25 16:56	1
Nickel	ND		0.010	0.0013	mg/L		12/17/25 09:06	12/17/25 16:56	1
Potassium	**9.8**	**^5+**	0.50	0.10	mg/L		12/17/25 09:06	12/17/25 16:56	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Wells

Job ID: 480-235216-1

Client Sample ID: BCC Area E RFI-29

Date Collected: 12/11/25 11:50
Date Received: 12/12/25 15:50

Lab Sample ID: 480-235216-2

Matrix: Ground Water

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		12/17/25 09:06	12/17/25 16:56	1
Silver	ND	^5-	0.0060	0.0017	mg/L		12/17/25 09:06	12/17/25 16:56	1
Sodium	**89.7**		1.0	0.32	mg/L		12/17/25 09:06	12/17/25 16:56	1
Thallium	ND		0.020	0.010	mg/L		12/17/25 09:06	12/17/25 16:56	1
Vanadium	ND		0.0050	0.0015	mg/L		12/17/25 09:06	12/17/25 16:56	1
Zinc	ND	^5-	0.010	0.0015	mg/L		12/17/25 09:06	12/17/25 16:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		12/16/25 10:33	12/16/25 14:29	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-235216-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E RFI-32A
Lab Sample ID: 480-235216-3
Date Collected: 12/11/25 09:00
Matrix: Ground Water
Date Received: 12/12/25 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		4000	3300	ug/L			12/15/25 17:53	4000
1,1,2,2-Tetrachloroethane	ND		4000	840	ug/L			12/15/25 17:53	4000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4000	1200	ug/L			12/15/25 17:53	4000
1,1,2-Trichloroethane	ND		4000	920	ug/L			12/15/25 17:53	4000
1,1-Dichloroethane	ND		4000	1500	ug/L			12/15/25 17:53	4000
1,1-Dichloroethene	ND		4000	1200	ug/L			12/15/25 17:53	4000
1,2,4-Trichlorobenzene	ND		4000	1600	ug/L			12/15/25 17:53	4000
1,2-Dibromo-3-Chloropropane	ND		4000	1600	ug/L			12/15/25 17:53	4000
1,2-Dibromoethane	ND		4000	2900	ug/L			12/15/25 17:53	4000
1,2-Dichlorobenzene	ND		4000	3200	ug/L			12/15/25 17:53	4000
1,2-Dichloroethane	ND		4000	840	ug/L			12/15/25 17:53	4000
1,2-Dichloropropane	ND		4000	2900	ug/L			12/15/25 17:53	4000
1,3-Dichlorobenzene	ND		4000	3100	ug/L			12/15/25 17:53	4000
1,4-Dichlorobenzene	ND		4000	3400	ug/L			12/15/25 17:53	4000
2-Butanone (MEK)	ND		40000	5300	ug/L			12/15/25 17:53	4000
2-Hexanone	ND		20000	5000	ug/L			12/15/25 17:53	4000
4-Methyl-2-pentanone (MIBK)	ND		20000	8400	ug/L			12/15/25 17:53	4000
Acetone	ND		40000	12000	ug/L			12/15/25 17:53	4000
Benzene	ND		4000	1600	ug/L			12/15/25 17:53	4000
Bromodichloromethane	ND		4000	1600	ug/L			12/15/25 17:53	4000
Bromoform	ND		4000	1000	ug/L			12/15/25 17:53	4000
Bromomethane	ND		4000	2800	ug/L			12/15/25 17:53	4000
Carbon disulfide	ND		4000	760	ug/L			12/15/25 17:53	4000
Carbon tetrachloride	ND		4000	1100	ug/L			12/15/25 17:53	4000
Chlorobenzene	**110000**		4000	3000	ug/L			12/15/25 17:53	4000
Chloroethane	ND		4000	1300	ug/L			12/15/25 17:53	4000
Chloroform	ND		4000	1400	ug/L			12/15/25 17:53	4000
Chloromethane	ND		4000	1400	ug/L			12/15/25 17:53	4000
cis-1,2-Dichloroethene	ND		4000	3200	ug/L			12/15/25 17:53	4000
cis-1,3-Dichloropropene	ND		4000	1400	ug/L			12/15/25 17:53	4000
Cyclohexane	ND		4000	720	ug/L			12/15/25 17:53	4000
Dibromochloromethane	ND		4000	1300	ug/L			12/15/25 17:53	4000
Dichlorodifluoromethane	ND	*+	4000	2700	ug/L			12/15/25 17:53	4000
Ethylbenzene	ND		4000	3000	ug/L			12/15/25 17:53	4000
Isopropylbenzene	ND		4000	3200	ug/L			12/15/25 17:53	4000
Methyl acetate	ND		10000	5200	ug/L			12/15/25 17:53	4000
Methyl tert-butyl ether	ND		4000	640	ug/L			12/15/25 17:53	4000
Methylcyclohexane	ND		4000	640	ug/L			12/15/25 17:53	4000
Methylene Chloride	ND		4000	1800	ug/L			12/15/25 17:53	4000
Styrene	ND		4000	2900	ug/L			12/15/25 17:53	4000
Tetrachloroethene	ND		4000	1400	ug/L			12/15/25 17:53	4000
Toluene	ND		4000	2000	ug/L			12/15/25 17:53	4000
trans-1,2-Dichloroethene	ND		4000	3600	ug/L			12/15/25 17:53	4000
trans-1,3-Dichloropropene	ND		4000	1500	ug/L			12/15/25 17:53	4000
Trichloroethene	ND		4000	1800	ug/L			12/15/25 17:53	4000
Trichlorofluoromethane	ND		4000	3500	ug/L			12/15/25 17:53	4000
Vinyl chloride	ND		4000	3600	ug/L			12/15/25 17:53	4000
Xylenes, Total	ND		8000	2600	ug/L			12/15/25 17:53	4000

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-235216-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E RFI-32A
Lab Sample ID: 480-235216-3
Date Collected: 12/11/25 09:00
Matrix: Ground Water
Date Received: 12/12/25 15:50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*12/15/25 17:53*	*4000*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*12/15/25 17:53*	*4000*
Toluene-d8 (Surr)	*101*		*80 - 120*		*12/15/25 17:53*	*4000*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*12/15/25 17:53*	*4000*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		100	9.6	ug/L		12/16/25 09:10	12/17/25 15:52	20
2,4,6-Trichlorophenol	ND		100	12	ug/L		12/16/25 09:10	12/17/25 15:52	20
2,4-Dichlorophenol	ND		100	10	ug/L		12/16/25 09:10	12/17/25 15:52	20
2,4-Dimethylphenol	ND		100	10	ug/L		12/16/25 09:10	12/17/25 15:52	20
2,4-Dinitrophenol	ND		200	44	ug/L		12/16/25 09:10	12/17/25 15:52	20
2,4-Dinitrotoluene	ND		100	8.9	ug/L		12/16/25 09:10	12/17/25 15:52	20
2,6-Dinitrotoluene	ND		100	8.0	ug/L		12/16/25 09:10	12/17/25 15:52	20
2-Chloronaphthalene	ND		100	9.2	ug/L		12/16/25 09:10	12/17/25 15:52	20
2-Chlorophenol	**51**	**J**	100	11	ug/L		12/16/25 09:10	12/17/25 15:52	20
2-Methylnaphthalene	ND		100	12	ug/L		12/16/25 09:10	12/17/25 15:52	20
2-Methylphenol	ND		100	8.0	ug/L		12/16/25 09:10	12/17/25 15:52	20
2-Nitroaniline	ND		200	8.4	ug/L		12/16/25 09:10	12/17/25 15:52	20
2-Nitrophenol	ND		100	9.6	ug/L		12/16/25 09:10	12/17/25 15:52	20
3,3'-Dichlorobenzidine	ND		100	8.0	ug/L		12/16/25 09:10	12/17/25 15:52	20
3-Nitroaniline	ND		200	9.6	ug/L		12/16/25 09:10	12/17/25 15:52	20
4,6-Dinitro-2-methylphenol	ND		200	44	ug/L		12/16/25 09:10	12/17/25 15:52	20
4-Bromophenyl phenyl ether	ND		100	9.0	ug/L		12/16/25 09:10	12/17/25 15:52	20
4-Chloro-3-methylphenol	ND		100	9.0	ug/L		12/16/25 09:10	12/17/25 15:52	20
4-Chloroaniline	ND		100	12	ug/L		12/16/25 09:10	12/17/25 15:52	20
4-Chlorophenyl phenyl ether	ND		100	7.0	ug/L		12/16/25 09:10	12/17/25 15:52	20
4-Methylphenol	ND		200	7.2	ug/L		12/16/25 09:10	12/17/25 15:52	20
4-Nitroaniline	ND		200	5.0	ug/L		12/16/25 09:10	12/17/25 15:52	20
4-Nitrophenol	ND		200	30	ug/L		12/16/25 09:10	12/17/25 15:52	20
Acenaphthene	ND		100	8.2	ug/L		12/16/25 09:10	12/17/25 15:52	20
Acenaphthylene	ND		100	7.6	ug/L		12/16/25 09:10	12/17/25 15:52	20
Acetophenone	ND		100	11	ug/L		12/16/25 09:10	12/17/25 15:52	20
Aniline	ND		200	12	ug/L		12/16/25 09:10	12/17/25 15:52	20
Anthracene	ND		100	5.6	ug/L		12/16/25 09:10	12/17/25 15:52	20
Atrazine	ND		100	9.2	ug/L		12/16/25 09:10	12/17/25 15:52	20
Benzaldehyde	ND		100	5.3	ug/L		12/16/25 09:10	12/17/25 15:52	20
Benzo(a)anthracene	ND		100	7.2	ug/L		12/16/25 09:10	12/17/25 15:52	20
Benzo(a)pyrene	ND		100	9.4	ug/L		12/16/25 09:10	12/17/25 15:52	20
Benzo(b)fluoranthene	ND		100	6.8	ug/L		12/16/25 09:10	12/17/25 15:52	20
Benzo(g,h,i)perylene	ND		100	7.0	ug/L		12/16/25 09:10	12/17/25 15:52	20
Benzo(k)fluoranthene	ND		100	15	ug/L		12/16/25 09:10	12/17/25 15:52	20
Biphenyl	ND		100	13	ug/L		12/16/25 09:10	12/17/25 15:52	20
bis (2-chloroisopropyl) ether	ND		100	10	ug/L		12/16/25 09:10	12/17/25 15:52	20
Bis(2-chloroethoxy)methane	ND		100	7.0	ug/L		12/16/25 09:10	12/17/25 15:52	20
Bis(2-chloroethyl)ether	ND		100	8.0	ug/L		12/16/25 09:10	12/17/25 15:52	20
Bis(2-ethylhexyl) phthalate	ND		100	44	ug/L		12/16/25 09:10	12/17/25 15:52	20
Butyl benzyl phthalate	ND		100	20	ug/L		12/16/25 09:10	12/17/25 15:52	20
Caprolactam	ND		100	44	ug/L		12/16/25 09:10	12/17/25 15:52	20
Carbazole	ND		100	6.0	ug/L		12/16/25 09:10	12/17/25 15:52	20

Client Sample ID: BCC Area E RFI-32A
Lab Sample ID: 480-235216-3
Date Collected: 12/11/25 09:00
Matrix: Ground Water
Date Received: 12/12/25 15:50

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		100	6.6	ug/L		12/16/25 09:10	12/17/25 15:52	20
Dibenz(a,h)anthracene	ND		100	8.4	ug/L		12/16/25 09:10	12/17/25 15:52	20
Dibenzofuran	ND		200	10	ug/L		12/16/25 09:10	12/17/25 15:52	20
Diethyl phthalate	ND		100	4.4	ug/L		12/16/25 09:10	12/17/25 15:52	20
Dimethyl phthalate	ND		100	7.2	ug/L		12/16/25 09:10	12/17/25 15:52	20
Di-n-butyl phthalate	ND		100	6.2	ug/L		12/16/25 09:10	12/17/25 15:52	20
Di-n-octyl phthalate	ND		100	9.4	ug/L		12/16/25 09:10	12/17/25 15:52	20
Fluoranthene	ND		100	8.0	ug/L		12/16/25 09:10	12/17/25 15:52	20
Fluorene	ND		100	7.2	ug/L		12/16/25 09:10	12/17/25 15:52	20
Hexachlorobenzene	ND		100	10	ug/L		12/16/25 09:10	12/17/25 15:52	20
Hexachlorobutadiene	ND		100	14	ug/L		12/16/25 09:10	12/17/25 15:52	20
Hexachlorocyclopentadiene	ND		100	12	ug/L		12/16/25 09:10	12/17/25 15:52	20
Hexachloroethane	ND		100	12	ug/L		12/16/25 09:10	12/17/25 15:52	20
Indeno(1,2,3-cd)pyrene	ND		100	9.4	ug/L		12/16/25 09:10	12/17/25 15:52	20
Isophorone	ND		100	8.6	ug/L		12/16/25 09:10	12/17/25 15:52	20
Naphthalene	ND		100	15	ug/L		12/16/25 09:10	12/17/25 15:52	20
Nitrobenzene	ND		100	5.8	ug/L		12/16/25 09:10	12/17/25 15:52	20
N-Nitrosodi-n-propylamine	ND		100	11	ug/L		12/16/25 09:10	12/17/25 15:52	20
N-Nitrosodiphenylamine	ND		100	10	ug/L		12/16/25 09:10	12/17/25 15:52	20
Pentachlorophenol	ND		200	44	ug/L		12/16/25 09:10	12/17/25 15:52	20
Phenanthrene	ND		100	8.8	ug/L		12/16/25 09:10	12/17/25 15:52	20
Phenol	ND		100	7.8	ug/L		12/16/25 09:10	12/17/25 15:52	20
Pyrene	ND		100	6.8	ug/L		12/16/25 09:10	12/17/25 15:52	20

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*67*		*25 - 144*	*12/16/25 09:10*	*12/17/25 15:52*	*20*
2-Fluorobiphenyl	*53*		*53 - 126*	*12/16/25 09:10*	*12/17/25 15:52*	*20*
2-Fluorophenol	*42*		*24 - 120*	*12/16/25 09:10*	*12/17/25 15:52*	*20*
Nitrobenzene-d5	*54*		*29 - 129*	*12/16/25 09:10*	*12/17/25 15:52*	*20*
Phenol-d5	*26*		*10 - 120*	*12/16/25 09:10*	*12/17/25 15:52*	*20*
p-Terphenyl-d14	*39*		*33 - 132*	*12/16/25 09:10*	*12/17/25 15:52*	*20*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		12/17/25 09:06	12/17/25 16:58	1
Antimony	ND		0.020	0.0068	mg/L		12/17/25 09:06	12/17/25 16:58	1
Arsenic	**0.0057**	**J**	0.015	0.0056	mg/L		12/17/25 09:06	12/17/25 16:58	1
Barium	**0.020**		0.0020	0.00070	mg/L		12/17/25 09:06	12/17/25 16:58	1
Beryllium	ND		0.0020	0.00030	mg/L		12/17/25 09:06	12/17/25 16:58	1
Cadmium	ND		0.0020	0.00050	mg/L		12/17/25 09:06	12/17/25 16:58	1
Calcium	**427**		0.50	0.10	mg/L		12/17/25 09:06	12/17/25 16:58	1
Chromium	ND		0.0040	0.0010	mg/L		12/17/25 09:06	12/17/25 16:58	1
Cobalt	**0.0026**	**J**	0.0040	0.00063	mg/L		12/17/25 09:06	12/17/25 16:58	1
Copper	ND	^5+	0.010	0.0016	mg/L		12/17/25 09:06	12/17/25 16:58	1
Iron	**1.7**		0.050	0.019	mg/L		12/17/25 09:06	12/17/25 16:58	1
Lead	**0.0055**	**J B ^5+**	0.010	0.0030	mg/L		12/17/25 09:06	12/17/25 16:58	1
Magnesium	**117**		0.20	0.043	mg/L		12/17/25 09:06	12/17/25 16:58	1
Manganese	**1.0**		0.0030	0.00040	mg/L		12/17/25 09:06	12/17/25 16:58	1
Nickel	**0.0066**	**J**	0.010	0.0013	mg/L		12/17/25 09:06	12/17/25 16:58	1
Potassium	**2.7**	**^5+**	0.50	0.10	mg/L		12/17/25 09:06	12/17/25 16:58	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Wells

Job ID: 480-235216-1

Client Sample ID: BCC Area E RFI-32A

Date Collected: 12/11/25 09:00
Date Received: 12/12/25 15:50

Lab Sample ID: 480-235216-3

Matrix: Ground Water

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		12/17/25 09:06	12/17/25 16:58	1
Silver	ND	^5-	0.0060	0.0017	mg/L		12/17/25 09:06	12/17/25 16:58	1
Sodium	**154**		1.0	0.32	mg/L		12/17/25 09:06	12/17/25 16:58	1
Thallium	ND		0.020	0.010	mg/L		12/17/25 09:06	12/17/25 16:58	1
Vanadium	ND		0.0050	0.0015	mg/L		12/17/25 09:06	12/17/25 16:58	1
Zinc	ND	^5-	0.010	0.0015	mg/L		12/17/25 09:06	12/17/25 16:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		12/16/25 10:33	12/16/25 14:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate (ASTM D516-90, 02)	**984**		150	45.0	mg/L			12/16/25 12:09	30
Total Organic Carbon (SM 5310D)	**7.9**		1.0	0.43	mg/L			12/18/25 05:11	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-235216-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E RFI-33
Lab Sample ID: 480-235216-4
Date Collected: 12/11/25 13:45
Matrix: Ground Water
Date Received: 12/12/25 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/15/25 18:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/15/25 18:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/15/25 18:15	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/15/25 18:15	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/15/25 18:15	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/15/25 18:15	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/15/25 18:15	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/15/25 18:15	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/15/25 18:15	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/15/25 18:15	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/15/25 18:15	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/15/25 18:15	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/15/25 18:15	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/15/25 18:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/15/25 18:15	1
2-Hexanone	ND		5.0	1.2	ug/L			12/15/25 18:15	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/15/25 18:15	1
Acetone	ND		10	3.0	ug/L			12/15/25 18:15	1
Benzene	ND		1.0	0.41	ug/L			12/15/25 18:15	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/15/25 18:15	1
Bromoform	ND		1.0	0.26	ug/L			12/15/25 18:15	1
Bromomethane	ND		1.0	0.69	ug/L			12/15/25 18:15	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/15/25 18:15	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/15/25 18:15	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/15/25 18:15	1
Chloroethane	ND		1.0	0.32	ug/L			12/15/25 18:15	1
Chloroform	ND		1.0	0.34	ug/L			12/15/25 18:15	1
Chloromethane	ND		1.0	0.35	ug/L			12/15/25 18:15	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/15/25 18:15	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/15/25 18:15	1
Cyclohexane	ND		1.0	0.18	ug/L			12/15/25 18:15	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/15/25 18:15	1
Dichlorodifluoromethane	ND	*+	1.0	0.68	ug/L			12/15/25 18:15	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/15/25 18:15	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/15/25 18:15	1
Methyl acetate	ND		2.5	1.3	ug/L			12/15/25 18:15	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/15/25 18:15	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/15/25 18:15	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/15/25 18:15	1
Styrene	ND		1.0	0.73	ug/L			12/15/25 18:15	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/15/25 18:15	1
Toluene	ND		1.0	0.51	ug/L			12/15/25 18:15	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/15/25 18:15	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/15/25 18:15	1
Trichloroethene	ND		1.0	0.46	ug/L			12/15/25 18:15	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/15/25 18:15	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/15/25 18:15	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/15/25 18:15	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-235216-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E RFI-33
Lab Sample ID: 480-235216-4
Date Collected: 12/11/25 13:45
Matrix: Ground Water
Date Received: 12/12/25 15:50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*12/15/25 18:15*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*12/15/25 18:15*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*12/15/25 18:15*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 123*		*12/15/25 18:15*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		12/16/25 09:10	12/17/25 16:18	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		12/16/25 09:10	12/17/25 16:18	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		12/16/25 09:10	12/17/25 16:18	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		12/16/25 09:10	12/17/25 16:18	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		12/16/25 09:10	12/17/25 16:18	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		12/16/25 09:10	12/17/25 16:18	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		12/16/25 09:10	12/17/25 16:18	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		12/16/25 09:10	12/17/25 16:18	1
2-Chlorophenol	ND		5.0	0.53	ug/L		12/16/25 09:10	12/17/25 16:18	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		12/16/25 09:10	12/17/25 16:18	1
2-Methylphenol	ND		5.0	0.40	ug/L		12/16/25 09:10	12/17/25 16:18	1
2-Nitroaniline	ND		10	0.42	ug/L		12/16/25 09:10	12/17/25 16:18	1
2-Nitrophenol	ND		5.0	0.48	ug/L		12/16/25 09:10	12/17/25 16:18	1
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		12/16/25 09:10	12/17/25 16:18	1
3-Nitroaniline	ND		10	0.48	ug/L		12/16/25 09:10	12/17/25 16:18	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		12/16/25 09:10	12/17/25 16:18	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		12/16/25 09:10	12/17/25 16:18	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		12/16/25 09:10	12/17/25 16:18	1
4-Chloroaniline	ND		5.0	0.59	ug/L		12/16/25 09:10	12/17/25 16:18	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		12/16/25 09:10	12/17/25 16:18	1
4-Methylphenol	ND		10	0.36	ug/L		12/16/25 09:10	12/17/25 16:18	1
4-Nitroaniline	ND		10	0.25	ug/L		12/16/25 09:10	12/17/25 16:18	1
4-Nitrophenol	ND		10	1.5	ug/L		12/16/25 09:10	12/17/25 16:18	1
Acenaphthene	ND		5.0	0.41	ug/L		12/16/25 09:10	12/17/25 16:18	1
Acenaphthylene	ND		5.0	0.38	ug/L		12/16/25 09:10	12/17/25 16:18	1
Acetophenone	ND		5.0	0.54	ug/L		12/16/25 09:10	12/17/25 16:18	1
Aniline	ND		10	0.61	ug/L		12/16/25 09:10	12/17/25 16:18	1
Anthracene	ND		5.0	0.28	ug/L		12/16/25 09:10	12/17/25 16:18	1
Atrazine	ND		5.0	0.46	ug/L		12/16/25 09:10	12/17/25 16:18	1
Benzaldehyde	ND		5.0	0.27	ug/L		12/16/25 09:10	12/17/25 16:18	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		12/16/25 09:10	12/17/25 16:18	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		12/16/25 09:10	12/17/25 16:18	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		12/16/25 09:10	12/17/25 16:18	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		12/16/25 09:10	12/17/25 16:18	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		12/16/25 09:10	12/17/25 16:18	1
Biphenyl	ND		5.0	0.65	ug/L		12/16/25 09:10	12/17/25 16:18	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		12/16/25 09:10	12/17/25 16:18	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		12/16/25 09:10	12/17/25 16:18	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		12/16/25 09:10	12/17/25 16:18	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		12/16/25 09:10	12/17/25 16:18	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		12/16/25 09:10	12/17/25 16:18	1
Caprolactam	ND		5.0	2.2	ug/L		12/16/25 09:10	12/17/25 16:18	1
Carbazole	ND		5.0	0.30	ug/L		12/16/25 09:10	12/17/25 16:18	1

Client Sample ID: BCC Area E RFI-33
Lab Sample ID: 480-235216-4
Date Collected: 12/11/25 13:45
Matrix: Ground Water
Date Received: 12/12/25 15:50

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		5.0	0.33	ug/L		12/16/25 09:10	12/17/25 16:18	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		12/16/25 09:10	12/17/25 16:18	1
Dibenzofuran	ND		10	0.51	ug/L		12/16/25 09:10	12/17/25 16:18	1
Diethyl phthalate	ND		5.0	0.22	ug/L		12/16/25 09:10	12/17/25 16:18	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		12/16/25 09:10	12/17/25 16:18	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		12/16/25 09:10	12/17/25 16:18	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		12/16/25 09:10	12/17/25 16:18	1
Fluoranthene	ND		5.0	0.40	ug/L		12/16/25 09:10	12/17/25 16:18	1
Fluorene	ND		5.0	0.36	ug/L		12/16/25 09:10	12/17/25 16:18	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		12/16/25 09:10	12/17/25 16:18	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		12/16/25 09:10	12/17/25 16:18	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		12/16/25 09:10	12/17/25 16:18	1
Hexachloroethane	ND		5.0	0.59	ug/L		12/16/25 09:10	12/17/25 16:18	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		12/16/25 09:10	12/17/25 16:18	1
Isophorone	ND		5.0	0.43	ug/L		12/16/25 09:10	12/17/25 16:18	1
Naphthalene	ND		5.0	0.76	ug/L		12/16/25 09:10	12/17/25 16:18	1
Nitrobenzene	ND		5.0	0.29	ug/L		12/16/25 09:10	12/17/25 16:18	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		12/16/25 09:10	12/17/25 16:18	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		12/16/25 09:10	12/17/25 16:18	1
Pentachlorophenol	ND		10	2.2	ug/L		12/16/25 09:10	12/17/25 16:18	1
Phenanthrene	ND		5.0	0.44	ug/L		12/16/25 09:10	12/17/25 16:18	1
Phenol	ND		5.0	0.39	ug/L		12/16/25 09:10	12/17/25 16:18	1
Pyrene	ND		5.0	0.34	ug/L		12/16/25 09:10	12/17/25 16:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*107*		*25 - 144*	*12/16/25 09:10*	*12/17/25 16:18*	*1*
2-Fluorobiphenyl	*86*		*53 - 126*	*12/16/25 09:10*	*12/17/25 16:18*	*1*
2-Fluorophenol	*46*		*24 - 120*	*12/16/25 09:10*	*12/17/25 16:18*	*1*
Nitrobenzene-d5	*68*		*29 - 129*	*12/16/25 09:10*	*12/17/25 16:18*	*1*
Phenol-d5	*30*		*10 - 120*	*12/16/25 09:10*	*12/17/25 16:18*	*1*
p-Terphenyl-d14	*78*		*33 - 132*	*12/16/25 09:10*	*12/17/25 16:18*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.072**	**J**	0.20	0.060	mg/L		12/17/25 09:06	12/17/25 17:00	1
Antimony	ND		0.020	0.0068	mg/L		12/17/25 09:06	12/17/25 17:00	1
Arsenic	ND		0.015	0.0056	mg/L		12/17/25 09:06	12/17/25 17:00	1
Barium	**0.026**		0.0020	0.00070	mg/L		12/17/25 09:06	12/17/25 17:00	1
Beryllium	ND		0.0020	0.00030	mg/L		12/17/25 09:06	12/17/25 17:00	1
Cadmium	ND		0.0020	0.00050	mg/L		12/17/25 09:06	12/17/25 17:00	1
Calcium	**78.3**		0.50	0.10	mg/L		12/17/25 09:06	12/17/25 17:00	1
Chromium	**0.0045**		0.0040	0.0010	mg/L		12/17/25 09:06	12/17/25 17:00	1
Cobalt	ND		0.0040	0.00063	mg/L		12/17/25 09:06	12/17/25 17:00	1
Copper	**0.0044**	**J ^5+**	0.010	0.0016	mg/L		12/17/25 09:06	12/17/25 17:00	1
Iron	**0.13**		0.050	0.019	mg/L		12/17/25 09:06	12/17/25 17:00	1
Lead	ND	^5+	0.010	0.0030	mg/L		12/17/25 09:06	12/17/25 17:00	1
Magnesium	**6.7**		0.20	0.043	mg/L		12/17/25 09:06	12/17/25 17:00	1
Manganese	**0.014**		0.0030	0.00040	mg/L		12/17/25 09:06	12/17/25 17:00	1
Nickel	**0.0027**	**J**	0.010	0.0013	mg/L		12/17/25 09:06	12/17/25 17:00	1
Potassium	**0.79**	**^5+**	0.50	0.10	mg/L		12/17/25 09:06	12/17/25 17:00	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-235216-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E RFI-33
Lab Sample ID: 480-235216-4
Date Collected: 12/11/25 13:45
Matrix: Ground Water
Date Received: 12/12/25 15:50

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		12/17/25 09:06	12/17/25 17:00	1
Silver	ND	^5-	0.0060	0.0017	mg/L		12/17/25 09:06	12/17/25 17:00	1
Sodium	**13.3**		1.0	0.32	mg/L		12/17/25 09:06	12/17/25 17:00	1
Thallium	ND		0.020	0.010	mg/L		12/17/25 09:06	12/17/25 17:00	1
Vanadium	**0.0026**	**J**	0.0050	0.0015	mg/L		12/17/25 09:06	12/17/25 17:00	1
Zinc	**0.0082**	**J ^5-**	0.010	0.0015	mg/L		12/17/25 09:06	12/17/25 17:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		12/16/25 10:33	12/16/25 14:32	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-235216-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E RFI-29D
Lab Sample ID: 480-235216-5
Date Collected: 12/11/25 11:50
Matrix: Ground Water
Date Received: 12/12/25 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/16/25 18:05	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/16/25 18:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/16/25 18:05	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/16/25 18:05	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/16/25 18:05	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/16/25 18:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/16/25 18:05	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/16/25 18:05	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/16/25 18:05	1
1,2-Dichlorobenzene	**7.8**		1.0	0.79	ug/L			12/16/25 18:05	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/16/25 18:05	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/16/25 18:05	1
1,3-Dichlorobenzene	**0.93**	**J**	1.0	0.78	ug/L			12/16/25 18:05	1
1,4-Dichlorobenzene	**4.9**		1.0	0.84	ug/L			12/16/25 18:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/16/25 18:05	1
2-Hexanone	ND		5.0	1.2	ug/L			12/16/25 18:05	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/16/25 18:05	1
Acetone	ND		10	3.0	ug/L			12/16/25 18:05	1
Benzene	ND		1.0	0.41	ug/L			12/16/25 18:05	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/16/25 18:05	1
Bromoform	ND		1.0	0.26	ug/L			12/16/25 18:05	1
Bromomethane	ND		1.0	0.69	ug/L			12/16/25 18:05	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/16/25 18:05	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/16/25 18:05	1
Chlorobenzene	**20**		1.0	0.75	ug/L			12/16/25 18:05	1
Chloroethane	ND		1.0	0.32	ug/L			12/16/25 18:05	1
Chloroform	ND		1.0	0.34	ug/L			12/16/25 18:05	1
Chloromethane	ND		1.0	0.35	ug/L			12/16/25 18:05	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/16/25 18:05	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/16/25 18:05	1
Cyclohexane	ND		1.0	0.18	ug/L			12/16/25 18:05	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/16/25 18:05	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/16/25 18:05	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/16/25 18:05	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/16/25 18:05	1
Methyl acetate	ND		2.5	1.3	ug/L			12/16/25 18:05	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/16/25 18:05	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/16/25 18:05	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/16/25 18:05	1
Styrene	ND		1.0	0.73	ug/L			12/16/25 18:05	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/16/25 18:05	1
Toluene	ND		1.0	0.51	ug/L			12/16/25 18:05	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/16/25 18:05	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/16/25 18:05	1
Trichloroethene	ND		1.0	0.46	ug/L			12/16/25 18:05	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/16/25 18:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/16/25 18:05	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/16/25 18:05	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-235216-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: BCC Area E RFI-29D
Lab Sample ID: 480-235216-5

Date Collected: 12/11/25 11:50
Matrix: Ground Water

Date Received: 12/12/25 15:50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*12/16/25 18:05*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*12/16/25 18:05*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*12/16/25 18:05*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 123*		*12/16/25 18:05*	*1*

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		25	2.4	ug/L		12/16/25 09:10	12/17/25 16:44	5
2,4,6-Trichlorophenol	ND		25	3.1	ug/L		12/16/25 09:10	12/17/25 16:44	5
2,4-Dichlorophenol	ND		25	2.6	ug/L		12/16/25 09:10	12/17/25 16:44	5
2,4-Dimethylphenol	ND		25	2.5	ug/L		12/16/25 09:10	12/17/25 16:44	5
2,4-Dinitrophenol	ND		50	11	ug/L		12/16/25 09:10	12/17/25 16:44	5
2,4-Dinitrotoluene	ND		25	2.2	ug/L		12/16/25 09:10	12/17/25 16:44	5
2,6-Dinitrotoluene	ND		25	2.0	ug/L		12/16/25 09:10	12/17/25 16:44	5
2-Chloronaphthalene	ND		25	2.3	ug/L		12/16/25 09:10	12/17/25 16:44	5
2-Chlorophenol	ND		25	2.7	ug/L		12/16/25 09:10	12/17/25 16:44	5
2-Methylnaphthalene	ND		25	3.0	ug/L		12/16/25 09:10	12/17/25 16:44	5
2-Methylphenol	ND		25	2.0	ug/L		12/16/25 09:10	12/17/25 16:44	5
2-Nitroaniline	ND		50	2.1	ug/L		12/16/25 09:10	12/17/25 16:44	5
2-Nitrophenol	ND		25	2.4	ug/L		12/16/25 09:10	12/17/25 16:44	5
3,3'-Dichlorobenzidine	ND		25	2.0	ug/L		12/16/25 09:10	12/17/25 16:44	5
3-Nitroaniline	ND		50	2.4	ug/L		12/16/25 09:10	12/17/25 16:44	5
4,6-Dinitro-2-methylphenol	ND		50	11	ug/L		12/16/25 09:10	12/17/25 16:44	5
4-Bromophenyl phenyl ether	ND		25	2.3	ug/L		12/16/25 09:10	12/17/25 16:44	5
4-Chloro-3-methylphenol	ND		25	2.3	ug/L		12/16/25 09:10	12/17/25 16:44	5
4-Chloroaniline	ND		25	3.0	ug/L		12/16/25 09:10	12/17/25 16:44	5
4-Chlorophenyl phenyl ether	ND		25	1.8	ug/L		12/16/25 09:10	12/17/25 16:44	5
4-Methylphenol	ND		50	1.8	ug/L		12/16/25 09:10	12/17/25 16:44	5
4-Nitroaniline	ND		50	1.3	ug/L		12/16/25 09:10	12/17/25 16:44	5
4-Nitrophenol	ND		50	7.6	ug/L		12/16/25 09:10	12/17/25 16:44	5
Acenaphthene	ND		25	2.1	ug/L		12/16/25 09:10	12/17/25 16:44	5
Acenaphthylene	ND		25	1.9	ug/L		12/16/25 09:10	12/17/25 16:44	5
Acetophenone	ND		25	2.7	ug/L		12/16/25 09:10	12/17/25 16:44	5
Aniline	ND		50	3.1	ug/L		12/16/25 09:10	12/17/25 16:44	5
Anthracene	ND		25	1.4	ug/L		12/16/25 09:10	12/17/25 16:44	5
Atrazine	ND		25	2.3	ug/L		12/16/25 09:10	12/17/25 16:44	5
Benzaldehyde	ND		25	1.3	ug/L		12/16/25 09:10	12/17/25 16:44	5
Benzo(a)anthracene	ND		25	1.8	ug/L		12/16/25 09:10	12/17/25 16:44	5
Benzo(a)pyrene	ND		25	2.4	ug/L		12/16/25 09:10	12/17/25 16:44	5
Benzo(b)fluoranthene	ND		25	1.7	ug/L		12/16/25 09:10	12/17/25 16:44	5
Benzo(g,h,i)perylene	ND		25	1.8	ug/L		12/16/25 09:10	12/17/25 16:44	5
Benzo(k)fluoranthene	ND		25	3.7	ug/L		12/16/25 09:10	12/17/25 16:44	5
Biphenyl	ND		25	3.3	ug/L		12/16/25 09:10	12/17/25 16:44	5
bis (2-chloroisopropyl) ether	ND		25	2.6	ug/L		12/16/25 09:10	12/17/25 16:44	5
Bis(2-chloroethoxy)methane	ND		25	1.8	ug/L		12/16/25 09:10	12/17/25 16:44	5
Bis(2-chloroethyl)ether	ND		25	2.0	ug/L		12/16/25 09:10	12/17/25 16:44	5
Bis(2-ethylhexyl) phthalate	ND		25	11	ug/L		12/16/25 09:10	12/17/25 16:44	5
Butyl benzyl phthalate	ND		25	5.0	ug/L		12/16/25 09:10	12/17/25 16:44	5
Caprolactam	ND		25	11	ug/L		12/16/25 09:10	12/17/25 16:44	5
Carbazole	ND		25	1.5	ug/L		12/16/25 09:10	12/17/25 16:44	5

Client Sample ID: BCC Area E RFI-29D
Lab Sample ID: 480-235216-5
Date Collected: 12/11/25 11:50
Matrix: Ground Water
Date Received: 12/12/25 15:50

Method: SW846 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		25	1.7	ug/L		12/16/25 09:10	12/17/25 16:44	5
Dibenz(a,h)anthracene	ND		25	2.1	ug/L		12/16/25 09:10	12/17/25 16:44	5
Dibenzofuran	ND		50	2.6	ug/L		12/16/25 09:10	12/17/25 16:44	5
Diethyl phthalate	ND		25	1.1	ug/L		12/16/25 09:10	12/17/25 16:44	5
Dimethyl phthalate	ND		25	1.8	ug/L		12/16/25 09:10	12/17/25 16:44	5
Di-n-butyl phthalate	ND		25	1.6	ug/L		12/16/25 09:10	12/17/25 16:44	5
Di-n-octyl phthalate	ND		25	2.4	ug/L		12/16/25 09:10	12/17/25 16:44	5
Fluoranthene	ND		25	2.0	ug/L		12/16/25 09:10	12/17/25 16:44	5
Fluorene	ND		25	1.8	ug/L		12/16/25 09:10	12/17/25 16:44	5
Hexachlorobenzene	ND		25	2.6	ug/L		12/16/25 09:10	12/17/25 16:44	5
Hexachlorobutadiene	ND		25	3.4	ug/L		12/16/25 09:10	12/17/25 16:44	5
Hexachlorocyclopentadiene	ND		25	3.0	ug/L		12/16/25 09:10	12/17/25 16:44	5
Hexachloroethane	ND		25	3.0	ug/L		12/16/25 09:10	12/17/25 16:44	5
Indeno(1,2,3-cd)pyrene	ND		25	2.4	ug/L		12/16/25 09:10	12/17/25 16:44	5
Isophorone	ND		25	2.2	ug/L		12/16/25 09:10	12/17/25 16:44	5
Naphthalene	ND		25	3.8	ug/L		12/16/25 09:10	12/17/25 16:44	5
Nitrobenzene	ND		25	1.5	ug/L		12/16/25 09:10	12/17/25 16:44	5
N-Nitrosodi-n-propylamine	ND		25	2.7	ug/L		12/16/25 09:10	12/17/25 16:44	5
N-Nitrosodiphenylamine	ND		25	2.6	ug/L		12/16/25 09:10	12/17/25 16:44	5
Pentachlorophenol	ND		50	11	ug/L		12/16/25 09:10	12/17/25 16:44	5
Phenanthrene	ND		25	2.2	ug/L		12/16/25 09:10	12/17/25 16:44	5
Phenol	ND		25	2.0	ug/L		12/16/25 09:10	12/17/25 16:44	5
Pyrene	ND		25	1.7	ug/L		12/16/25 09:10	12/17/25 16:44	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*74*		*25 - 144*	*12/16/25 09:10*	*12/17/25 16:44*	*5*
2-Fluorobiphenyl	*71*		*53 - 126*	*12/16/25 09:10*	*12/17/25 16:44*	*5*
2-Fluorophenol	*42*		*24 - 120*	*12/16/25 09:10*	*12/17/25 16:44*	*5*
Nitrobenzene-d5	*60*		*29 - 129*	*12/16/25 09:10*	*12/17/25 16:44*	*5*
Phenol-d5	*26*		*10 - 120*	*12/16/25 09:10*	*12/17/25 16:44*	*5*
p-Terphenyl-d14	*60*		*33 - 132*	*12/16/25 09:10*	*12/17/25 16:44*	*5*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		12/17/25 09:06	12/17/25 17:02	1
Antimony	ND		0.020	0.0068	mg/L		12/17/25 09:06	12/17/25 17:02	1
Arsenic	**0.0058**	**J**	0.015	0.0056	mg/L		12/17/25 09:06	12/17/25 17:02	1
Barium	**0.056**		0.0020	0.00070	mg/L		12/17/25 09:06	12/17/25 17:02	1
Beryllium	ND		0.0020	0.00030	mg/L		12/17/25 09:06	12/17/25 17:02	1
Cadmium	ND		0.0020	0.00050	mg/L		12/17/25 09:06	12/17/25 17:02	1
Calcium	**144**		0.50	0.10	mg/L		12/17/25 09:06	12/17/25 17:02	1
Chromium	ND		0.0040	0.0010	mg/L		12/17/25 09:06	12/17/25 17:02	1
Cobalt	ND		0.0040	0.00063	mg/L		12/17/25 09:06	12/17/25 17:02	1
Copper	ND	^5+	0.010	0.0016	mg/L		12/17/25 09:06	12/17/25 17:02	1
Iron	**0.38**		0.050	0.019	mg/L		12/17/25 09:06	12/17/25 17:02	1
Lead	**0.0080**	**J B ^5+**	0.010	0.0030	mg/L		12/17/25 09:06	12/17/25 17:02	1
Magnesium	**20.7**		0.20	0.043	mg/L		12/17/25 09:06	12/17/25 17:02	1
Manganese	**0.22**		0.0030	0.00040	mg/L		12/17/25 09:06	12/17/25 17:02	1
Nickel	ND		0.010	0.0013	mg/L		12/17/25 09:06	12/17/25 17:02	1
Potassium	**10**	**^5+**	0.50	0.10	mg/L		12/17/25 09:06	12/17/25 17:02	1

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Wells

Job ID: 480-235216-1

Client Sample ID: BCC Area E RFI-29D

Lab Sample ID: 480-235216-5

Date Collected: 12/11/25 11:50

Matrix: Ground Water

Date Received: 12/12/25 15:50

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	ND		0.025	0.0087	mg/L		12/17/25 09:06	12/17/25 17:02	1
Silver	ND	^5-	0.0060	0.0017	mg/L		12/17/25 09:06	12/17/25 17:02	1
Sodium	**88.9**		1.0	0.32	mg/L		12/17/25 09:06	12/17/25 17:02	1
Thallium	ND		0.020	0.010	mg/L		12/17/25 09:06	12/17/25 17:02	1
Vanadium	ND		0.0050	0.0015	mg/L		12/17/25 09:06	12/17/25 17:02	1
Zinc	ND	^5-	0.010	0.0015	mg/L		12/17/25 09:06	12/17/25 17:02	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		12/16/25 10:33	12/16/25 14:33	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-235216-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-235216-6
Date Collected: 12/11/25 00:00
Matrix: Water
Date Received: 12/12/25 15:50

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/15/25 19:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/15/25 19:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/15/25 19:00	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/15/25 19:00	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/15/25 19:00	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/15/25 19:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/15/25 19:00	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/15/25 19:00	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/15/25 19:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/15/25 19:00	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/15/25 19:00	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/15/25 19:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/15/25 19:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/15/25 19:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/15/25 19:00	1
2-Hexanone	ND		5.0	1.2	ug/L			12/15/25 19:00	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/15/25 19:00	1
Acetone	ND		10	3.0	ug/L			12/15/25 19:00	1
Benzene	ND		1.0	0.41	ug/L			12/15/25 19:00	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/15/25 19:00	1
Bromoform	ND		1.0	0.26	ug/L			12/15/25 19:00	1
Bromomethane	ND		1.0	0.69	ug/L			12/15/25 19:00	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/15/25 19:00	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/15/25 19:00	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/15/25 19:00	1
Chloroethane	ND		1.0	0.32	ug/L			12/15/25 19:00	1
Chloroform	ND		1.0	0.34	ug/L			12/15/25 19:00	1
Chloromethane	ND		1.0	0.35	ug/L			12/15/25 19:00	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/15/25 19:00	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/15/25 19:00	1
Cyclohexane	ND		1.0	0.18	ug/L			12/15/25 19:00	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/15/25 19:00	1
Dichlorodifluoromethane	ND	*+	1.0	0.68	ug/L			12/15/25 19:00	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/15/25 19:00	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/15/25 19:00	1
Methyl acetate	ND		2.5	1.3	ug/L			12/15/25 19:00	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/15/25 19:00	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/15/25 19:00	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/15/25 19:00	1
Styrene	ND		1.0	0.73	ug/L			12/15/25 19:00	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/15/25 19:00	1
Toluene	ND		1.0	0.51	ug/L			12/15/25 19:00	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/15/25 19:00	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/15/25 19:00	1
Trichloroethene	ND		1.0	0.46	ug/L			12/15/25 19:00	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/15/25 19:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/15/25 19:00	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/15/25 19:00	1

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-235216-1
Project/Site: Buffalo Color Area E Wells

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-235216-6
Date Collected: 12/11/25 00:00
Matrix: Water
Date Received: 12/12/25 15:50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		12/15/25 19:00	1
4-Bromofluorobenzene (Surr)	95		73 - 120		12/15/25 19:00	1
Toluene-d8 (Surr)	101		80 - 120		12/15/25 19:00	1
Dibromofluoromethane (Surr)	102		75 - 123		12/15/25 19:00	1

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Wells

Job ID: 480-235216-1

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

Matrix: Ground Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-235216-1	BCC Area E MW-E05	96	95	102	102
480-235216-1 MS	BCC Area E MW-E05	97	93	102	101
480-235216-1 MSD	BCC Area E MW-E05	100	93	103	105
480-235216-2	BCC Area E RFI-29	97	95	102	101
480-235216-3	BCC Area E RFI-32A	97	95	101	101
480-235216-4	BCC Area E RFI-33	97	95	102	103
480-235216-5	BCC Area E RFI-29D	100	93	100	104

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

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

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(77-120)	(73-120)	(80-120)	(75-123)
480-235216-6	TRIP BLANK	98	95	101	102
LCS 480-764810/6	Lab Control Sample	103	94	100	101
LCS 480-764908/6	Lab Control Sample	100	96	100	103
LCSD 480-764810/7	Lab Control Sample Dup	102	94	99	100
MB 480-764810/9	Method Blank	97	96	101	98
MB 480-764908/9	Method Blank	97	98	101	101

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane (Surr)

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Ground Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHd14
Lab Sample ID	Client Sample ID	(25-144)	(53-126)	(24-120)	(29-129)	(10-120)	(33-132)
480-235216-1	BCC Area E MW-E05	85	89	49	73	32	74
480-235216-1 MS	BCC Area E MW-E05	103	82	50	76	36	63
480-235216-1 MSD	BCC Area E MW-E05	116	92	57	85	42	70
480-235216-2	BCC Area E RFI-29	116	91	56	77	38	91
480-235216-3	BCC Area E RFI-32A	67	53	42	54	26	39
480-235216-4	BCC Area E RFI-33	107	86	46	68	30	78
480-235216-5	BCC Area E RFI-29D	74	71	42	60	26	60

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5

Surrogate Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-235216-1
Project/Site: Buffalo Color Area E Wells

PHL = Phenol-d5
TPHd14 = p-Terphenyl-d14

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPHd14		
Lab Sample ID	Client Sample ID	(25-144)	(53-126)	(24-120)	(29-129)	(10-120)	(33-132)		
LCS 480-764885/2-A	Lab Control Sample	114	89	58	84	43	93		
MB 480-764885/1-A	Method Blank	99	86	51	72	34	95		

Surrogate Legend

TBP = 2,4,6-Tribromophenol
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol
NBZ = Nitrobenzene-d5
PHL = Phenol-d5
TPHd14 = p-Terphenyl-d14

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Wells

Job ID: 480-235216-1

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

Lab Sample ID: MB 480-764810/9
Matrix: Water
Analysis Batch: 764810

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/15/25 13:42	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/15/25 13:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/15/25 13:42	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/15/25 13:42	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/15/25 13:42	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/15/25 13:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/15/25 13:42	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/15/25 13:42	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/15/25 13:42	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/15/25 13:42	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/15/25 13:42	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/15/25 13:42	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/15/25 13:42	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/15/25 13:42	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/15/25 13:42	1
2-Hexanone	ND		5.0	1.2	ug/L			12/15/25 13:42	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/15/25 13:42	1
Acetone	ND		10	3.0	ug/L			12/15/25 13:42	1
Benzene	ND		1.0	0.41	ug/L			12/15/25 13:42	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/15/25 13:42	1
Bromoform	ND		1.0	0.26	ug/L			12/15/25 13:42	1
Bromomethane	ND		1.0	0.69	ug/L			12/15/25 13:42	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/15/25 13:42	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/15/25 13:42	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/15/25 13:42	1
Chloroethane	ND		1.0	0.32	ug/L			12/15/25 13:42	1
Chloroform	ND		1.0	0.34	ug/L			12/15/25 13:42	1
Chloromethane	ND		1.0	0.35	ug/L			12/15/25 13:42	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/15/25 13:42	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/15/25 13:42	1
Cyclohexane	ND		1.0	0.18	ug/L			12/15/25 13:42	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/15/25 13:42	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/15/25 13:42	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/15/25 13:42	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/15/25 13:42	1
Methyl acetate	ND		2.5	1.3	ug/L			12/15/25 13:42	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/15/25 13:42	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/15/25 13:42	1
Methylene Chloride	ND		1.0	0.44	ug/L			12/15/25 13:42	1
Styrene	ND		1.0	0.73	ug/L			12/15/25 13:42	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/15/25 13:42	1
Toluene	ND		1.0	0.51	ug/L			12/15/25 13:42	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/15/25 13:42	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/15/25 13:42	1
Trichloroethene	ND		1.0	0.46	ug/L			12/15/25 13:42	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/15/25 13:42	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/15/25 13:42	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/15/25 13:42	1

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

Lab Sample ID: MB 480-764810/9
Matrix: Water
Analysis Batch: 764810

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*12/15/25 13:42*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*12/15/25 13:42*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*12/15/25 13:42*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 123*		*12/15/25 13:42*	*1*

Lab Sample ID: LCS 480-764810/6
Matrix: Water
Analysis Batch: 764810

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	22.1		ug/L		89	73 - 126
1,1,2,2-Tetrachloroethane	25.0	23.5		ug/L		94	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	25.5		ug/L		102	61 - 148
1,1,2-Trichloroethane	25.0	23.8		ug/L		95	76 - 122
1,1-Dichloroethane	25.0	25.1		ug/L		100	77 - 120
1,1-Dichloroethene	25.0	24.7		ug/L		99	66 - 127
1,2,4-Trichlorobenzene	25.0	26.1		ug/L		104	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	23.1		ug/L		93	56 - 134
1,2-Dibromoethane	25.0	22.6		ug/L		90	77 - 120
1,2-Dichlorobenzene	25.0	24.3		ug/L		97	80 - 124
1,2-Dichloroethane	25.0	22.3		ug/L		89	75 - 120
1,2-Dichloropropane	25.0	23.7		ug/L		95	76 - 120
1,3-Dichlorobenzene	25.0	23.3		ug/L		93	77 - 120
1,4-Dichlorobenzene	25.0	22.7		ug/L		91	80 - 120
2-Butanone (MEK)	125	118		ug/L		94	57 - 140
2-Hexanone	125	99.3		ug/L		79	65 - 127
4-Methyl-2-pentanone (MIBK)	125	109		ug/L		87	71 - 125
Acetone	125	130		ug/L		104	56 - 142
Benzene	25.0	23.1		ug/L		92	71 - 124
Bromodichloromethane	25.0	23.7		ug/L		95	80 - 122
Bromoform	25.0	21.9		ug/L		87	61 - 132
Bromomethane	25.0	23.1		ug/L		92	55 - 144
Carbon disulfide	25.0	25.0		ug/L		100	59 - 134
Carbon tetrachloride	25.0	22.9		ug/L		92	72 - 134
Chlorobenzene	25.0	23.6		ug/L		94	80 - 120
Chloroethane	25.0	20.9		ug/L		83	69 - 136
Chloroform	25.0	22.8		ug/L		91	73 - 127
Chloromethane	25.0	24.5		ug/L		98	68 - 124
cis-1,2-Dichloroethene	25.0	24.6		ug/L		98	74 - 124
cis-1,3-Dichloropropene	25.0	24.6		ug/L		99	74 - 124
Cyclohexane	25.0	23.3		ug/L		93	59 - 135
Dibromochloromethane	25.0	23.7		ug/L		95	75 - 125
Dichlorodifluoromethane	25.0	33.3		ug/L		133	59 - 135
Ethylbenzene	25.0	23.2		ug/L		93	77 - 123
Isopropylbenzene	25.0	25.2		ug/L		101	77 - 122
Methyl acetate	50.0	49.9		ug/L		100	74 - 133
Methyl tert-butyl ether	25.0	20.0		ug/L		80	77 - 120
Methylcyclohexane	25.0	23.8		ug/L		95	68 - 134

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

Lab Sample ID: LCS 480-764810/6
Matrix: Water
Analysis Batch: 764810

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylene Chloride	25.0	24.6		ug/L		98	75 - 124
Styrene	25.0	23.1		ug/L		92	80 - 120
Tetrachloroethene	25.0	24.0		ug/L		96	74 - 122
Toluene	25.0	23.6		ug/L		94	80 - 122
trans-1,2-Dichloroethene	25.0	24.7		ug/L		99	73 - 127
trans-1,3-Dichloropropene	25.0	24.5		ug/L		98	80 - 120
Trichloroethene	25.0	23.4		ug/L		94	74 - 123
Trichlorofluoromethane	25.0	25.1		ug/L		100	62 - 150
Vinyl chloride	25.0	26.0		ug/L		104	65 - 133
Xylenes, Total	50.0	46.9		ug/L		94	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*77 - 120*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*75 - 123*

Lab Sample ID: LCSD 480-764810/7
Matrix: Water
Analysis Batch: 764810

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	25.0	24.0		ug/L		96	73 - 126	8	15
1,1,2,2-Tetrachloroethane	25.0	24.3		ug/L		97	76 - 120	3	15
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	27.6		ug/L		110	61 - 148	8	20
1,1,2-Trichloroethane	25.0	24.8		ug/L		99	76 - 122	4	15
1,1-Dichloroethane	25.0	26.1		ug/L		104	77 - 120	4	20
1,1-Dichloroethene	25.0	27.2		ug/L		109	66 - 127	10	16
1,2,4-Trichlorobenzene	25.0	27.7		ug/L		111	79 - 122	6	20
1,2-Dibromo-3-Chloropropane	25.0	24.3		ug/L		97	56 - 134	5	15
1,2-Dibromoethane	25.0	23.5		ug/L		94	77 - 120	4	15
1,2-Dichlorobenzene	25.0	25.3		ug/L		101	80 - 124	4	20
1,2-Dichloroethane	25.0	23.1		ug/L		92	75 - 120	4	20
1,2-Dichloropropane	25.0	25.8		ug/L		103	76 - 120	8	20
1,3-Dichlorobenzene	25.0	24.7		ug/L		99	77 - 120	6	20
1,4-Dichlorobenzene	25.0	24.2		ug/L		97	80 - 120	6	20
2-Butanone (MEK)	125	120		ug/L		96	57 - 140	1	20
2-Hexanone	125	109		ug/L		87	65 - 127	9	15
4-Methyl-2-pentanone (MIBK)	125	111		ug/L		89	71 - 125	2	35
Acetone	125	129		ug/L		103	56 - 142	1	15
Benzene	25.0	25.2		ug/L		101	71 - 124	9	13
Bromodichloromethane	25.0	25.2		ug/L		101	80 - 122	6	15
Bromoform	25.0	23.1		ug/L		92	61 - 132	6	15
Bromomethane	25.0	23.7		ug/L		95	55 - 144	3	15
Carbon disulfide	25.0	26.0		ug/L		104	59 - 134	4	15
Carbon tetrachloride	25.0	25.1		ug/L		100	72 - 134	9	15
Chlorobenzene	25.0	24.9		ug/L		100	80 - 120	5	25
Chloroethane	25.0	21.9		ug/L		88	69 - 136	5	15

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

Lab Sample ID: LCSD 480-764810/7
Matrix: Water
Analysis Batch: 764810

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloroform			25.0	24.3		ug/L		97	73 - 127	6	20
Chloromethane			25.0	24.1		ug/L		97	68 - 124	1	15
cis-1,2-Dichloroethene			25.0	25.6		ug/L		102	74 - 124	4	15
cis-1,3-Dichloropropene			25.0	26.4		ug/L		106	74 - 124	7	15
Cyclohexane			25.0	25.3		ug/L		101	59 - 135	8	20
Dibromochloromethane			25.0	24.8		ug/L		99	75 - 125	4	15
Dichlorodifluoromethane			25.0	34.1	*+	ug/L		136	59 - 135	2	20
Ethylbenzene			25.0	24.4		ug/L		98	77 - 123	5	15
Isopropylbenzene			25.0	26.3		ug/L		105	77 - 122	4	20
Methyl acetate			50.0	50.8		ug/L		102	74 - 133	2	20
Methyl tert-butyl ether			25.0	20.7		ug/L		83	77 - 120	4	37
Methylcyclohexane			25.0	26.3		ug/L		105	68 - 134	10	20
Methylene Chloride			25.0	24.8		ug/L		99	75 - 124	1	15
Styrene			25.0	24.5		ug/L		98	80 - 120	6	20
Tetrachloroethene			25.0	26.6		ug/L		106	74 - 122	10	20
Toluene			25.0	24.6		ug/L		98	80 - 122	4	15
trans-1,2-Dichloroethene			25.0	26.0		ug/L		104	73 - 127	5	20
trans-1,3-Dichloropropene			25.0	25.8		ug/L		103	80 - 120	5	15
Trichloroethene			25.0	25.6		ug/L		102	74 - 123	9	16
Trichlorofluoromethane			25.0	26.8		ug/L		107	62 - 150	7	20
Vinyl chloride			25.0	26.0		ug/L		104	65 - 133	0	15
Xylenes, Total			50.0	49.9		ug/L		100	76 - 122	6	16

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*75 - 123*

Lab Sample ID: 480-235216-1 MS
Matrix: Ground Water
Analysis Batch: 764810

Client Sample ID: BCC Area E MW-E05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	ND		25.0	27.3		ug/L		109	73 - 126
1,1,2,2-Tetrachloroethane	ND		25.0	26.4		ug/L		106	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	29.3		ug/L		117	61 - 148
1,1,2-Trichloroethane	ND		25.0	26.9		ug/L		108	76 - 122
1,1-Dichloroethane	ND		25.0	28.4		ug/L		114	77 - 120
1,1-Dichloroethene	ND		25.0	31.2		ug/L		125	66 - 127
1,2,4-Trichlorobenzene	ND		25.0	29.9		ug/L		120	79 - 122
1,2-Dibromo-3-Chloropropane	ND		25.0	24.9		ug/L		100	56 - 134
1,2-Dibromoethane	ND		25.0	24.9		ug/L		100	77 - 120
1,2-Dichlorobenzene	ND		25.0	27.5		ug/L		110	80 - 124
1,2-Dichloroethane	ND		25.0	24.8		ug/L		99	75 - 120
1,2-Dichloropropane	ND		25.0	26.6		ug/L		107	76 - 120
1,3-Dichlorobenzene	ND		25.0	26.6		ug/L		106	77 - 120
1,4-Dichlorobenzene	ND		25.0	25.8		ug/L		103	78 - 124

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

Lab Sample ID: 480-235216-1 MS
Matrix: Ground Water
Analysis Batch: 764810

Client Sample ID: BCC Area E MW-E05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Butanone (MEK)	ND		125	126		ug/L		101	57 - 140
2-Hexanone	ND		125	108		ug/L		87	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		125	120		ug/L		96	71 - 125
Acetone	ND		125	117		ug/L		94	56 - 142
Benzene	ND		25.0	27.5		ug/L		110	71 - 124
Bromodichloromethane	ND		25.0	26.2		ug/L		105	80 - 122
Bromoform	ND		25.0	23.5		ug/L		94	61 - 132
Bromomethane	ND		25.0	29.3		ug/L		117	55 - 144
Carbon disulfide	ND		25.0	28.9		ug/L		116	59 - 134
Carbon tetrachloride	ND		25.0	28.1		ug/L		112	72 - 134
Chlorobenzene	1.5		25.0	28.8		ug/L		109	80 - 120
Chloroethane	ND		25.0	26.9		ug/L		108	69 - 136
Chloroform	ND		25.0	27.4		ug/L		109	73 - 127
Chloromethane	ND	F1	25.0	29.6		ug/L		118	68 - 124
cis-1,2-Dichloroethene	ND		25.0	28.4		ug/L		114	74 - 124
cis-1,3-Dichloropropene	ND		25.0	25.3		ug/L		101	74 - 124
Cyclohexane	ND		25.0	28.6		ug/L		114	59 - 135
Dibromochloromethane	ND		25.0	26.1		ug/L		104	75 - 125
Dichlorodifluoromethane	ND	F1 *+	25.0	36.3	F1	ug/L		145	59 - 135
Ethylbenzene	ND		25.0	26.7		ug/L		107	77 - 123
Isopropylbenzene	ND		25.0	29.8		ug/L		119	77 - 122
Methyl acetate	ND		50.0	46.3		ug/L		93	74 - 133
Methyl tert-butyl ether	ND		25.0	22.1		ug/L		88	77 - 120
Methylcyclohexane	ND		25.0	28.7		ug/L		115	68 - 134
Methylene Chloride	ND		25.0	29.5		ug/L		118	75 - 124
Styrene	ND		25.0	26.5		ug/L		106	80 - 120
Tetrachloroethene	ND		25.0	28.2		ug/L		113	74 - 122
Toluene	ND		25.0	28.0		ug/L		112	80 - 122
trans-1,2-Dichloroethene	ND		25.0	29.4		ug/L		118	73 - 127
trans-1,3-Dichloropropene	ND		25.0	25.5		ug/L		102	80 - 120
Trichloroethene	ND		25.0	27.2		ug/L		109	74 - 123
Trichlorofluoromethane	ND		25.0	31.7		ug/L		127	62 - 150
Vinyl chloride	ND		25.0	32.7		ug/L		131	65 - 133
Xylenes, Total	ND		50.0	55.0		ug/L		110	76 - 122

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*75 - 123*

Lab Sample ID: 480-235216-1 MSD
Matrix: Ground Water
Analysis Batch: 764810

Client Sample ID: BCC Area E MW-E05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		25.0	27.9		ug/L		112	73 - 126	2	15
1,1,2,2-Tetrachloroethane	ND		25.0	26.2		ug/L		105	76 - 120	1	15

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Wells

Job ID: 480-235216-1

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

Lab Sample ID: 480-235216-1 MSD
Matrix: Ground Water
Analysis Batch: 764810

Client Sample ID: BCC Area E MW-E05
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25.0	28.5		ug/L		114	61 - 148	3	20
1,1,2-Trichloroethane	ND		25.0	27.0		ug/L		108	76 - 122	0	15
1,1-Dichloroethane	ND		25.0	28.7		ug/L		115	77 - 120	1	20
1,1-Dichloroethene	ND		25.0	30.2		ug/L		121	66 - 127	3	16
1,2,4-Trichlorobenzene	ND		25.0	30.2		ug/L		121	79 - 122	1	20
1,2-Dibromo-3-Chloropropane	ND		25.0	25.3		ug/L		101	56 - 134	1	15
1,2-Dibromoethane	ND		25.0	25.4		ug/L		102	77 - 120	2	15
1,2-Dichlorobenzene	ND		25.0	28.2		ug/L		113	80 - 124	2	20
1,2-Dichloroethane	ND		25.0	25.3		ug/L		101	75 - 120	2	20
1,2-Dichloropropane	ND		25.0	27.8		ug/L		111	76 - 120	4	20
1,3-Dichlorobenzene	ND		25.0	27.1		ug/L		108	77 - 120	2	20
1,4-Dichlorobenzene	ND		25.0	26.2		ug/L		105	78 - 124	1	20
2-Butanone (MEK)	ND		125	125		ug/L		100	57 - 140	1	20
2-Hexanone	ND		125	107		ug/L		85	65 - 127	2	15
4-Methyl-2-pentanone (MIBK)	ND		125	120		ug/L		96	71 - 125	0	35
Acetone	ND		125	117		ug/L		94	56 - 142	0	15
Benzene	ND		25.0	28.1		ug/L		112	71 - 124	2	13
Bromodichloromethane	ND		25.0	27.0		ug/L		108	80 - 122	3	15
Bromoform	ND		25.0	23.9		ug/L		96	61 - 132	2	15
Bromomethane	ND		25.0	28.9		ug/L		116	55 - 144	2	15
Carbon disulfide	ND		25.0	29.2		ug/L		117	59 - 134	1	15
Carbon tetrachloride	ND		25.0	28.9		ug/L		116	72 - 134	3	15
Chlorobenzene	1.5		25.0	28.8		ug/L		109	80 - 120	0	25
Chloroethane	ND		25.0	25.5		ug/L		102	69 - 136	5	15
Chloroform	ND		25.0	28.0		ug/L		112	73 - 127	2	20
Chloromethane	ND	F1	25.0	29.6		ug/L		118	68 - 124	0	15
cis-1,2-Dichloroethene	ND		25.0	28.7		ug/L		115	74 - 124	1	15
cis-1,3-Dichloropropene	ND		25.0	26.1		ug/L		104	74 - 124	3	15
Cyclohexane	ND		25.0	28.9		ug/L		116	59 - 135	1	20
Dibromochloromethane	ND		25.0	26.6		ug/L		106	75 - 125	2	15
Dichlorodifluoromethane	ND	F1 *+	25.0	34.4	F1	ug/L		138	59 - 135	5	20
Ethylbenzene	ND		25.0	26.9		ug/L		108	77 - 123	1	15
Isopropylbenzene	ND		25.0	30.2		ug/L		121	77 - 122	1	20
Methyl acetate	ND		50.0	47.0		ug/L		94	74 - 133	1	20
Methyl tert-butyl ether	ND		25.0	22.5		ug/L		90	77 - 120	2	37
Methylcyclohexane	ND		25.0	28.7		ug/L		115	68 - 134	0	20
Methylene Chloride	ND		25.0	29.8		ug/L		119	75 - 124	1	15
Styrene	ND		25.0	26.8		ug/L		107	80 - 120	1	20
Tetrachloroethene	ND		25.0	28.2		ug/L		113	74 - 122	0	20
Toluene	ND		25.0	28.0		ug/L		112	80 - 122	0	15
trans-1,2-Dichloroethene	ND		25.0	29.3		ug/L		117	73 - 127	0	20
trans-1,3-Dichloropropene	ND		25.0	26.1		ug/L		105	80 - 120	2	15
Trichloroethene	ND		25.0	27.8		ug/L		111	74 - 123	2	16
Trichlorofluoromethane	ND		25.0	30.6		ug/L		122	62 - 150	4	20
Vinyl chloride	ND		25.0	30.2		ug/L		121	65 - 133	8	15
Xylenes, Total	ND		50.0	55.8		ug/L		112	76 - 122	1	16

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

Lab Sample ID: 480-235216-1 MSD
Matrix: Ground Water
Analysis Batch: 764810

Client Sample ID: BCC Area E MW-E05
Prep Type: Total/NA

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*
Dibromofluoromethane (Surr)	*105*		*75 - 123*

Lab Sample ID: MB 480-764908/9
Matrix: Water
Analysis Batch: 764908

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			12/16/25 14:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			12/16/25 14:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			12/16/25 14:22	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			12/16/25 14:22	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			12/16/25 14:22	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			12/16/25 14:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/16/25 14:22	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			12/16/25 14:22	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			12/16/25 14:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/16/25 14:22	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			12/16/25 14:22	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			12/16/25 14:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/16/25 14:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/16/25 14:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/16/25 14:22	1
2-Hexanone	ND		5.0	1.2	ug/L			12/16/25 14:22	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			12/16/25 14:22	1
Acetone	ND		10	3.0	ug/L			12/16/25 14:22	1
Benzene	ND		1.0	0.41	ug/L			12/16/25 14:22	1
Bromodichloromethane	ND		1.0	0.39	ug/L			12/16/25 14:22	1
Bromoform	ND		1.0	0.26	ug/L			12/16/25 14:22	1
Bromomethane	ND		1.0	0.69	ug/L			12/16/25 14:22	1
Carbon disulfide	ND		1.0	0.19	ug/L			12/16/25 14:22	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			12/16/25 14:22	1
Chlorobenzene	ND		1.0	0.75	ug/L			12/16/25 14:22	1
Chloroethane	ND		1.0	0.32	ug/L			12/16/25 14:22	1
Chloroform	ND		1.0	0.34	ug/L			12/16/25 14:22	1
Chloromethane	ND		1.0	0.35	ug/L			12/16/25 14:22	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			12/16/25 14:22	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			12/16/25 14:22	1
Cyclohexane	ND		1.0	0.18	ug/L			12/16/25 14:22	1
Dibromochloromethane	ND		1.0	0.32	ug/L			12/16/25 14:22	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			12/16/25 14:22	1
Ethylbenzene	ND		1.0	0.74	ug/L			12/16/25 14:22	1
Isopropylbenzene	ND		1.0	0.79	ug/L			12/16/25 14:22	1
Methyl acetate	ND		2.5	1.3	ug/L			12/16/25 14:22	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			12/16/25 14:22	1
Methylcyclohexane	ND		1.0	0.16	ug/L			12/16/25 14:22	1

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

Lab Sample ID: MB 480-764908/9
Matrix: Water
Analysis Batch: 764908

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	ND		1.0	0.44	ug/L			12/16/25 14:22	1
Styrene	ND		1.0	0.73	ug/L			12/16/25 14:22	1
Tetrachloroethene	ND		1.0	0.36	ug/L			12/16/25 14:22	1
Toluene	ND		1.0	0.51	ug/L			12/16/25 14:22	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			12/16/25 14:22	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			12/16/25 14:22	1
Trichloroethene	ND		1.0	0.46	ug/L			12/16/25 14:22	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			12/16/25 14:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/16/25 14:22	1
Xylenes, Total	ND		2.0	0.66	ug/L			12/16/25 14:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*12/16/25 14:22*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*12/16/25 14:22*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*12/16/25 14:22*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 123*		*12/16/25 14:22*	*1*

Lab Sample ID: LCS 480-764908/6
Matrix: Water
Analysis Batch: 764908

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	25.0	25.6		ug/L		102	73 - 126
1,1,2,2-Tetrachloroethane	25.0	26.0		ug/L		104	76 - 120
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	29.0		ug/L		116	61 - 148
1,1,2-Trichloroethane	25.0	27.2		ug/L		109	76 - 122
1,1-Dichloroethane	25.0	26.8		ug/L		107	77 - 120
1,1-Dichloroethene	25.0	27.7		ug/L		111	66 - 127
1,2,4-Trichlorobenzene	25.0	27.9		ug/L		112	79 - 122
1,2-Dibromo-3-Chloropropane	25.0	26.1		ug/L		104	56 - 134
1,2-Dibromoethane	25.0	25.6		ug/L		102	77 - 120
1,2-Dichlorobenzene	25.0	26.8		ug/L		107	80 - 124
1,2-Dichloroethane	25.0	25.0		ug/L		100	75 - 120
1,2-Dichloropropane	25.0	27.4		ug/L		109	76 - 120
1,3-Dichlorobenzene	25.0	25.5		ug/L		102	77 - 120
1,4-Dichlorobenzene	25.0	25.5		ug/L		102	80 - 120
2-Butanone (MEK)	125	143		ug/L		115	57 - 140
2-Hexanone	125	128		ug/L		102	65 - 127
4-Methyl-2-pentanone (MIBK)	125	128		ug/L		102	71 - 125
Acetone	125	152		ug/L		121	56 - 142
Benzene	25.0	26.3		ug/L		105	71 - 124
Bromodichloromethane	25.0	26.5		ug/L		106	80 - 122
Bromoform	25.0	25.3		ug/L		101	61 - 132
Bromomethane	25.0	21.5		ug/L		86	55 - 144
Carbon disulfide	25.0	27.5		ug/L		110	59 - 134
Carbon tetrachloride	25.0	26.6		ug/L		107	72 - 134
Chlorobenzene	25.0	26.7		ug/L		107	80 - 120
Chloroethane	25.0	22.1		ug/L		88	69 - 136

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

Lab Sample ID: LCS 480-764908/6
Matrix: Water
Analysis Batch: 764908

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloroform	25.0	26.3		ug/L		105	73 - 127
Chloromethane	25.0	24.8		ug/L		99	68 - 124
cis-1,2-Dichloroethene	25.0	27.1		ug/L		108	74 - 124
cis-1,3-Dichloropropene	25.0	27.2		ug/L		109	74 - 124
Cyclohexane	25.0	27.9		ug/L		112	59 - 135
Dibromochloromethane	25.0	26.5		ug/L		106	75 - 125
Dichlorodifluoromethane	25.0	30.9		ug/L		123	59 - 135
Ethylbenzene	25.0	25.8		ug/L		103	77 - 123
Isopropylbenzene	25.0	27.7		ug/L		111	77 - 122
Methyl acetate	50.0	59.8		ug/L		120	74 - 133
Methyl tert-butyl ether	25.0	22.3		ug/L		89	77 - 120
Methylcyclohexane	25.0	28.8		ug/L		115	68 - 134
Methylene Chloride	25.0	26.8		ug/L		107	75 - 124
Styrene	25.0	26.1		ug/L		104	80 - 120
Tetrachloroethene	25.0	26.7		ug/L		107	74 - 122
Toluene	25.0	26.2		ug/L		105	80 - 122
trans-1,2-Dichloroethene	25.0	26.5		ug/L		106	73 - 127
trans-1,3-Dichloropropene	25.0	27.0		ug/L		108	80 - 120
Trichloroethene	25.0	26.6		ug/L		106	74 - 123
Trichlorofluoromethane	25.0	27.9		ug/L		111	62 - 150
Vinyl chloride	25.0	26.0		ug/L		104	65 - 133
Xylenes, Total	50.0	52.5		ug/L		105	76 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*103*		*75 - 123*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 480-764885/1-A
Matrix: Water
Analysis Batch: 764994

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764885

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	ND		5.0	0.48	ug/L		12/16/25 09:10	12/17/25 11:32	1
2,4,6-Trichlorophenol	ND		5.0	0.61	ug/L		12/16/25 09:10	12/17/25 11:32	1
2,4-Dichlorophenol	ND		5.0	0.51	ug/L		12/16/25 09:10	12/17/25 11:32	1
2,4-Dimethylphenol	ND		5.0	0.50	ug/L		12/16/25 09:10	12/17/25 11:32	1
2,4-Dinitrophenol	ND		10	2.2	ug/L		12/16/25 09:10	12/17/25 11:32	1
2,4-Dinitrotoluene	ND		5.0	0.45	ug/L		12/16/25 09:10	12/17/25 11:32	1
2,6-Dinitrotoluene	ND		5.0	0.40	ug/L		12/16/25 09:10	12/17/25 11:32	1
2-Chloronaphthalene	ND		5.0	0.46	ug/L		12/16/25 09:10	12/17/25 11:32	1
2-Chlorophenol	ND		5.0	0.53	ug/L		12/16/25 09:10	12/17/25 11:32	1
2-Methylnaphthalene	ND		5.0	0.60	ug/L		12/16/25 09:10	12/17/25 11:32	1
2-Methylphenol	ND		5.0	0.40	ug/L		12/16/25 09:10	12/17/25 11:32	1
2-Nitroaniline	ND		10	0.42	ug/L		12/16/25 09:10	12/17/25 11:32	1
2-Nitrophenol	ND		5.0	0.48	ug/L		12/16/25 09:10	12/17/25 11:32	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-764885/1-A
Matrix: Water
Analysis Batch: 764994

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764885

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3,3'-Dichlorobenzidine	ND		5.0	0.40	ug/L		12/16/25 09:10	12/17/25 11:32	1
3-Nitroaniline	ND		10	0.48	ug/L		12/16/25 09:10	12/17/25 11:32	1
4,6-Dinitro-2-methylphenol	ND		10	2.2	ug/L		12/16/25 09:10	12/17/25 11:32	1
4-Bromophenyl phenyl ether	ND		5.0	0.45	ug/L		12/16/25 09:10	12/17/25 11:32	1
4-Chloro-3-methylphenol	ND		5.0	0.45	ug/L		12/16/25 09:10	12/17/25 11:32	1
4-Chloroaniline	ND		5.0	0.59	ug/L		12/16/25 09:10	12/17/25 11:32	1
4-Chlorophenyl phenyl ether	ND		5.0	0.35	ug/L		12/16/25 09:10	12/17/25 11:32	1
4-Methylphenol	ND		10	0.36	ug/L		12/16/25 09:10	12/17/25 11:32	1
4-Nitroaniline	ND		10	0.25	ug/L		12/16/25 09:10	12/17/25 11:32	1
4-Nitrophenol	ND		10	1.5	ug/L		12/16/25 09:10	12/17/25 11:32	1
Acenaphthene	ND		5.0	0.41	ug/L		12/16/25 09:10	12/17/25 11:32	1
Acenaphthylene	ND		5.0	0.38	ug/L		12/16/25 09:10	12/17/25 11:32	1
Acetophenone	ND		5.0	0.54	ug/L		12/16/25 09:10	12/17/25 11:32	1
Aniline	ND		10	0.61	ug/L		12/16/25 09:10	12/17/25 11:32	1
Anthracene	ND		5.0	0.28	ug/L		12/16/25 09:10	12/17/25 11:32	1
Atrazine	ND		5.0	0.46	ug/L		12/16/25 09:10	12/17/25 11:32	1
Benzaldehyde	ND		5.0	0.27	ug/L		12/16/25 09:10	12/17/25 11:32	1
Benzo(a)anthracene	ND		5.0	0.36	ug/L		12/16/25 09:10	12/17/25 11:32	1
Benzo(a)pyrene	ND		5.0	0.47	ug/L		12/16/25 09:10	12/17/25 11:32	1
Benzo(b)fluoranthene	ND		5.0	0.34	ug/L		12/16/25 09:10	12/17/25 11:32	1
Benzo(g,h,i)perylene	ND		5.0	0.35	ug/L		12/16/25 09:10	12/17/25 11:32	1
Benzo(k)fluoranthene	ND		5.0	0.73	ug/L		12/16/25 09:10	12/17/25 11:32	1
Biphenyl	ND		5.0	0.65	ug/L		12/16/25 09:10	12/17/25 11:32	1
bis (2-chloroisopropyl) ether	ND		5.0	0.52	ug/L		12/16/25 09:10	12/17/25 11:32	1
Bis(2-chloroethoxy)methane	ND		5.0	0.35	ug/L		12/16/25 09:10	12/17/25 11:32	1
Bis(2-chloroethyl)ether	ND		5.0	0.40	ug/L		12/16/25 09:10	12/17/25 11:32	1
Bis(2-ethylhexyl) phthalate	ND		5.0	2.2	ug/L		12/16/25 09:10	12/17/25 11:32	1
Butyl benzyl phthalate	ND		5.0	1.0	ug/L		12/16/25 09:10	12/17/25 11:32	1
Caprolactam	ND		5.0	2.2	ug/L		12/16/25 09:10	12/17/25 11:32	1
Carbazole	ND		5.0	0.30	ug/L		12/16/25 09:10	12/17/25 11:32	1
Chrysene	ND		5.0	0.33	ug/L		12/16/25 09:10	12/17/25 11:32	1
Dibenz(a,h)anthracene	ND		5.0	0.42	ug/L		12/16/25 09:10	12/17/25 11:32	1
Dibenzofuran	ND		10	0.51	ug/L		12/16/25 09:10	12/17/25 11:32	1
Diethyl phthalate	ND		5.0	0.22	ug/L		12/16/25 09:10	12/17/25 11:32	1
Dimethyl phthalate	ND		5.0	0.36	ug/L		12/16/25 09:10	12/17/25 11:32	1
Di-n-butyl phthalate	ND		5.0	0.31	ug/L		12/16/25 09:10	12/17/25 11:32	1
Di-n-octyl phthalate	ND		5.0	0.47	ug/L		12/16/25 09:10	12/17/25 11:32	1
Fluoranthene	ND		5.0	0.40	ug/L		12/16/25 09:10	12/17/25 11:32	1
Fluorene	ND		5.0	0.36	ug/L		12/16/25 09:10	12/17/25 11:32	1
Hexachlorobenzene	ND		5.0	0.51	ug/L		12/16/25 09:10	12/17/25 11:32	1
Hexachlorobutadiene	ND		5.0	0.68	ug/L		12/16/25 09:10	12/17/25 11:32	1
Hexachlorocyclopentadiene	ND		5.0	0.59	ug/L		12/16/25 09:10	12/17/25 11:32	1
Hexachloroethane	ND		5.0	0.59	ug/L		12/16/25 09:10	12/17/25 11:32	1
Indeno(1,2,3-cd)pyrene	ND		5.0	0.47	ug/L		12/16/25 09:10	12/17/25 11:32	1
Isophorone	ND		5.0	0.43	ug/L		12/16/25 09:10	12/17/25 11:32	1
Naphthalene	ND		5.0	0.76	ug/L		12/16/25 09:10	12/17/25 11:32	1
Nitrobenzene	ND		5.0	0.29	ug/L		12/16/25 09:10	12/17/25 11:32	1
N-Nitrosodi-n-propylamine	ND		5.0	0.54	ug/L		12/16/25 09:10	12/17/25 11:32	1
N-Nitrosodiphenylamine	ND		5.0	0.51	ug/L		12/16/25 09:10	12/17/25 11:32	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 480-764885/1-A
Matrix: Water
Analysis Batch: 764994

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764885

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	ND		10	2.2	ug/L		12/16/25 09:10	12/17/25 11:32	1
Phenanthrene	ND		5.0	0.44	ug/L		12/16/25 09:10	12/17/25 11:32	1
Phenol	ND		5.0	0.39	ug/L		12/16/25 09:10	12/17/25 11:32	1
Pyrene	ND		5.0	0.34	ug/L		12/16/25 09:10	12/17/25 11:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol	*99*		*25 - 144*	*12/16/25 09:10*	*12/17/25 11:32*	*1*
2-Fluorobiphenyl	*86*		*53 - 126*	*12/16/25 09:10*	*12/17/25 11:32*	*1*
2-Fluorophenol	*51*		*24 - 120*	*12/16/25 09:10*	*12/17/25 11:32*	*1*
Nitrobenzene-d5	*72*		*29 - 129*	*12/16/25 09:10*	*12/17/25 11:32*	*1*
Phenol-d5	*34*		*10 - 120*	*12/16/25 09:10*	*12/17/25 11:32*	*1*
p-Terphenyl-d14	*95*		*33 - 132*	*12/16/25 09:10*	*12/17/25 11:32*	*1*

Lab Sample ID: LCS 480-764885/2-A
Matrix: Water
Analysis Batch: 764994

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764885

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-Trichlorophenol	32.0	29.0		ug/L		91	65 - 126
2,4,6-Trichlorophenol	32.0	26.0		ug/L		81	64 - 120
2,4-Dichlorophenol	32.0	24.6		ug/L		77	63 - 120
2,4-Dimethylphenol	32.0	25.7		ug/L		80	47 - 120
2,4-Dinitrophenol	64.0	51.3		ug/L		80	31 - 137
2,4-Dinitrotoluene	32.0	29.0		ug/L		91	69 - 120
2,6-Dinitrotoluene	32.0	29.3		ug/L		92	68 - 120
2-Chloronaphthalene	32.0	25.0		ug/L		78	58 - 120
2-Chlorophenol	32.0	23.4		ug/L		73	48 - 120
2-Methylnaphthalene	32.0	23.9		ug/L		75	59 - 120
2-Methylphenol	32.0	21.3		ug/L		67	39 - 120
2-Nitroaniline	32.0	26.1		ug/L		81	54 - 127
2-Nitrophenol	32.0	27.7		ug/L		86	52 - 125
3,3'-Dichlorobenzidine	32.0	35.0		ug/L		109	49 - 135
3-Nitroaniline	32.0	19.9		ug/L		62	51 - 120
4,6-Dinitro-2-methylphenol	64.0	59.0		ug/L		92	46 - 136
4-Bromophenyl phenyl ether	32.0	28.8		ug/L		90	65 - 120
4-Chloro-3-methylphenol	32.0	26.6		ug/L		83	61 - 123
4-Chloroaniline	32.0	18.5		ug/L		58	30 - 120
4-Chlorophenyl phenyl ether	32.0	27.6		ug/L		86	62 - 120
4-Methylphenol	32.0	20.4		ug/L		64	29 - 131
4-Nitroaniline	32.0	27.6		ug/L		86	65 - 120
4-Nitrophenol	64.0	42.1		ug/L		66	45 - 120
Acenaphthene	32.0	26.4		ug/L		82	60 - 120
Acenaphthylene	32.0	25.4		ug/L		79	63 - 120
Acetophenone	32.0	24.6		ug/L		77	45 - 120
Aniline	32.0	14.1		ug/L		44	12 - 120
Anthracene	32.0	26.5		ug/L		83	67 - 120
Atrazine	32.0	39.9		ug/L		125	71 - 130
Benzaldehyde	32.0	25.3		ug/L		79	10 - 140

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Wells

Job ID: 480-235216-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 480-764885/2-A
Matrix: Water
Analysis Batch: 764994

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764885

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo(a)anthracene	32.0	26.7		ug/L		83	70 - 121
Benzo(a)pyrene	32.0	25.4		ug/L		79	60 - 123
Benzo(b)fluoranthene	32.0	25.3		ug/L		79	66 - 126
Benzo(g,h,i)perylene	32.0	26.4		ug/L		83	66 - 150
Benzo(k)fluoranthene	32.0	26.2		ug/L		82	65 - 124
Biphenyl	32.0	25.5		ug/L		80	59 - 120
bis (2-chloroisopropyl) ether	32.0	18.5		ug/L		58	21 - 136
Bis(2-chloroethoxy)methane	32.0	24.2		ug/L		76	50 - 128
Bis(2-chloroethyl)ether	32.0	25.6		ug/L		80	44 - 120
Bis(2-ethylhexyl) phthalate	32.0	25.1		ug/L		78	63 - 139
Butyl benzyl phthalate	32.0	28.5		ug/L		89	70 - 129
Caprolactam	32.0	9.10		ug/L		28	10 - 120
Carbazole	32.0	32.6		ug/L		102	66 - 147
Chrysene	32.0	27.3		ug/L		85	69 - 120
Dibenz(a,h)anthracene	32.0	26.2		ug/L		82	65 - 135
Dibenzofuran	32.0	25.4		ug/L		79	66 - 120
Diethyl phthalate	32.0	31.0		ug/L		97	59 - 127
Dimethyl phthalate	32.0	29.7		ug/L		93	68 - 120
Di-n-butyl phthalate	32.0	28.9		ug/L		90	69 - 131
Di-n-octyl phthalate	32.0	25.8		ug/L		81	63 - 140
Fluoranthene	32.0	28.9		ug/L		90	69 - 126
Fluorene	32.0	27.1		ug/L		85	66 - 120
Hexachlorobenzene	32.0	32.2		ug/L		101	61 - 120
Hexachlorobutadiene	32.0	23.3		ug/L		73	35 - 120
Hexachlorocyclopentadiene	32.0	17.1		ug/L		53	31 - 120
Hexachloroethane	32.0	21.1		ug/L		66	33 - 120
Indeno(1,2,3-cd)pyrene	32.0	24.8		ug/L		78	69 - 146
Isophorone	32.0	25.2		ug/L		79	55 - 120
Naphthalene	32.0	23.0		ug/L		72	57 - 120
Nitrobenzene	32.0	24.3		ug/L		76	53 - 123
N-Nitrosodi-n-propylamine	32.0	23.5		ug/L		73	32 - 140
N-Nitrosodiphenylamine	32.0	26.4		ug/L		82	61 - 120
Pentachlorophenol	64.0	43.6		ug/L		68	10 - 136
Phenanthrene	32.0	26.1		ug/L		81	68 - 120
Phenol	32.0	13.0		ug/L		41	17 - 120
Pyrene	32.0	26.6		ug/L		83	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol	*114*		*25 - 144*
2-Fluorobiphenyl	*89*		*53 - 126*
2-Fluorophenol	*58*		*24 - 120*
Nitrobenzene-d5	*84*		*29 - 129*
Phenol-d5	*43*		*10 - 120*
p-Terphenyl-d14	*93*		*33 - 132*

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-235216-1 MS
Matrix: Ground Water
Analysis Batch: 764994

Client Sample ID: BCC Area E MW-E05
Prep Type: Total/NA
Prep Batch: 764885

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,4,5-Trichlorophenol	ND		32.0	27.4		ug/L		86	65 - 126
2,4,6-Trichlorophenol	ND		32.0	22.4		ug/L		70	64 - 120
2,4-Dichlorophenol	ND		32.0	22.6		ug/L		71	48 - 132
2,4-Dimethylphenol	ND		32.0	23.3		ug/L		73	39 - 130
2,4-Dinitrophenol	ND		64.0	52.6		ug/L		82	21 - 150
2,4-Dinitrotoluene	ND		32.0	26.1		ug/L		82	54 - 138
2,6-Dinitrotoluene	ND		32.0	26.8		ug/L		84	17 - 150
2-Chloronaphthalene	ND		32.0	22.8		ug/L		71	52 - 124
2-Chlorophenol	ND		32.0	20.7		ug/L		65	48 - 120
2-Methylnaphthalene	ND		32.0	21.6		ug/L		67	34 - 140
2-Methylphenol	ND		32.0	18.7		ug/L		58	46 - 120
2-Nitroaniline	ND		32.0	23.1		ug/L		72	44 - 136
2-Nitrophenol	ND		32.0	25.5		ug/L		80	38 - 141
3,3'-Dichlorobenzidine	ND		32.0	23.5		ug/L		73	10 - 150
3-Nitroaniline	ND		32.0	16.2		ug/L		51	32 - 150
4,6-Dinitro-2-methylphenol	ND		64.0	55.8		ug/L		87	38 - 150
4-Bromophenyl phenyl ether	ND		32.0	25.5		ug/L		80	63 - 126
4-Chloro-3-methylphenol	ND		32.0	24.7		ug/L		77	64 - 127
4-Chloroaniline	ND		32.0	13.0		ug/L		40	16 - 124
4-Chlorophenyl phenyl ether	ND		32.0	25.1		ug/L		78	61 - 120
4-Methylphenol	ND		32.0	17.7		ug/L		55	36 - 120
4-Nitroaniline	ND		32.0	24.2		ug/L		76	32 - 150
4-Nitrophenol	ND		64.0	38.8		ug/L		61	23 - 132
Acenaphthene	ND		32.0	24.4		ug/L		76	48 - 120
Acenaphthylene	ND		32.0	23.3		ug/L		73	63 - 120
Acetophenone	ND		32.0	23.0		ug/L		72	53 - 120
Aniline	ND		32.0	11.4		ug/L		36	32 - 120
Anthracene	ND		32.0	24.2		ug/L		76	65 - 122
Atrazine	ND		32.0	37.0		ug/L		116	50 - 150
Benzaldehyde	ND		32.0	23.6		ug/L		74	10 - 150
Benzo(a)anthracene	ND		32.0	20.4		ug/L		64	43 - 124
Benzo(a)pyrene	ND	F2	32.0	17.5		ug/L		55	23 - 125
Benzo(b)fluoranthene	ND		32.0	18.6		ug/L		58	27 - 127
Benzo(g,h,i)perylene	ND	F2	32.0	17.9		ug/L		56	16 - 147
Benzo(k)fluoranthene	ND		32.0	18.5		ug/L		58	20 - 124
Biphenyl	ND		32.0	23.0		ug/L		72	57 - 120
bis (2-chloroisopropyl) ether	ND		32.0	16.6		ug/L		52	28 - 121
Bis(2-chloroethoxy)methane	ND		32.0	22.0		ug/L		69	44 - 128
Bis(2-chloroethyl)ether	ND	F2	32.0	23.9		ug/L		75	45 - 120
Bis(2-ethylhexyl) phthalate	ND	F2	32.0	17.0		ug/L		53	16 - 150
Butyl benzyl phthalate	ND		32.0	23.5		ug/L		73	51 - 140
Caprolactam	ND		32.0	7.57		ug/L		24	10 - 120
Carbazole	ND		32.0	30.3		ug/L		95	16 - 148
Chrysene	ND		32.0	20.4		ug/L		64	44 - 122
Dibenz(a,h)anthracene	ND	F2	32.0	17.0		ug/L		53	16 - 139
Dibenzofuran	ND		32.0	23.2		ug/L		72	60 - 120
Diethyl phthalate	ND		32.0	28.4		ug/L		89	53 - 133
Dimethyl phthalate	ND		32.0	26.8		ug/L		84	59 - 123

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-235216-1 MS
Matrix: Ground Water
Analysis Batch: 764994

Client Sample ID: BCC Area E MW-E05
Prep Type: Total/NA
Prep Batch: 764885

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Di-n-butyl phthalate	ND		32.0	25.0		ug/L		78	65 - 129
Di-n-octyl phthalate	ND	F2	32.0	17.7		ug/L		55	16 - 150
Fluoranthene	ND		32.0	25.2		ug/L		79	63 - 129
Fluorene	ND		32.0	24.5		ug/L		77	62 - 120
Hexachlorobenzene	ND		32.0	26.3		ug/L		82	57 - 121
Hexachlorobutadiene	ND		32.0	21.9		ug/L		68	37 - 120
Hexachlorocyclopentadiene	ND		32.0	13.5		ug/L		42	21 - 120
Hexachloroethane	ND		32.0	19.7		ug/L		61	16 - 130
Indeno(1,2,3-cd)pyrene	ND	F2	32.0	16.6		ug/L		52	16 - 140
Isophorone	ND		32.0	22.9		ug/L		72	48 - 133
Naphthalene	ND		32.0	20.8		ug/L		65	45 - 120
Nitrobenzene	ND		32.0	22.2		ug/L		69	45 - 123
N-Nitrosodi-n-propylamine	ND		32.0	21.5		ug/L		67	49 - 120
N-Nitrosodiphenylamine	ND		32.0	23.9		ug/L		75	39 - 138
Pentachlorophenol	ND		64.0	42.7		ug/L		67	10 - 149
Phenanthrene	ND		32.0	23.6		ug/L		74	65 - 122
Phenol	ND		32.0	10.9		ug/L		34	16 - 120
Pyrene	ND		32.0	23.4		ug/L		73	58 - 128

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol	*103*		*25 - 144*
2-Fluorobiphenyl	*82*		*53 - 126*
2-Fluorophenol	*50*		*24 - 120*
Nitrobenzene-d5	*76*		*29 - 129*
Phenol-d5	*36*		*10 - 120*
p-Terphenyl-d14	*63*		*33 - 132*

Lab Sample ID: 480-235216-1 MSD
Matrix: Ground Water
Analysis Batch: 764994

Client Sample ID: BCC Area E MW-E05
Prep Type: Total/NA
Prep Batch: 764885

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	ND		32.0	30.2		ug/L		94	65 - 126	10	18
2,4,6-Trichlorophenol	ND		32.0	27.1		ug/L		85	64 - 120	19	19
2,4-Dichlorophenol	ND		32.0	25.0		ug/L		78	48 - 132	10	19
2,4-Dimethylphenol	ND		32.0	26.1		ug/L		82	39 - 130	11	42
2,4-Dinitrophenol	ND		64.0	57.3		ug/L		90	21 - 150	9	22
2,4-Dinitrotoluene	ND		32.0	29.2		ug/L		91	54 - 138	11	20
2,6-Dinitrotoluene	ND		32.0	29.2		ug/L		91	17 - 150	9	15
2-Chloronaphthalene	ND		32.0	26.0		ug/L		81	52 - 124	13	21
2-Chlorophenol	ND		32.0	24.3		ug/L		76	48 - 120	16	25
2-Methylnaphthalene	ND		32.0	24.1		ug/L		75	34 - 140	11	21
2-Methylphenol	ND		32.0	20.4		ug/L		64	46 - 120	9	27
2-Nitroaniline	ND		32.0	26.4		ug/L		83	44 - 136	13	15
2-Nitrophenol	ND		32.0	28.0		ug/L		87	38 - 141	9	18
3,3'-Dichlorobenzidine	ND		32.0	23.5		ug/L		73	10 - 150	0	25
3-Nitroaniline	ND		32.0	17.5		ug/L		55	32 - 150	8	19
4,6-Dinitro-2-methylphenol	ND		64.0	59.7		ug/L		93	38 - 150	7	15

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-235216-1 MSD
Matrix: Ground Water
Analysis Batch: 764994

Client Sample ID: BCC Area E MW-E05
Prep Type: Total/NA
Prep Batch: 764885

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Bromophenyl phenyl ether	ND		32.0	28.4		ug/L		89	63 - 126	11	15
4-Chloro-3-methylphenol	ND		32.0	26.5		ug/L		83	64 - 127	7	27
4-Chloroaniline	ND		32.0	13.4		ug/L		42	16 - 124	3	22
4-Chlorophenyl phenyl ether	ND		32.0	27.9		ug/L		87	61 - 120	11	16
4-Methylphenol	ND		32.0	20.8		ug/L		65	36 - 120	16	24
4-Nitroaniline	ND		32.0	28.8		ug/L		90	32 - 150	17	24
4-Nitrophenol	ND		64.0	45.7		ug/L		71	23 - 132	16	48
Acenaphthene	ND		32.0	27.1		ug/L		85	48 - 120	10	24
Acenaphthylene	ND		32.0	26.2		ug/L		82	63 - 120	12	18
Acetophenone	ND		32.0	26.1		ug/L		82	53 - 120	13	20
Aniline	ND		32.0	10.7		ug/L		33	32 - 120	6	30
Anthracene	ND		32.0	25.9		ug/L		81	65 - 122	7	15
Atrazine	ND		32.0	40.5		ug/L		127	50 - 150	9	20
Benzaldehyde	ND		32.0	26.7		ug/L		83	10 - 150	12	20
Benzo(a)anthracene	ND		32.0	23.0		ug/L		72	43 - 124	12	15
Benzo(a)pyrene	ND	F2	32.0	20.7	F2	ug/L		65	23 - 125	17	15
Benzo(b)fluoranthene	ND		32.0	20.3		ug/L		63	27 - 127	9	15
Benzo(g,h,i)perylene	ND	F2	32.0	21.1	F2	ug/L		66	16 - 147	17	15
Benzo(k)fluoranthene	ND		32.0	21.5		ug/L		67	20 - 124	15	22
Biphenyl	ND		32.0	26.7		ug/L		83	57 - 120	15	20
bis (2-chloroisopropyl) ether	ND		32.0	19.1		ug/L		60	28 - 121	14	24
Bis(2-chloroethoxy)methane	ND		32.0	24.4		ug/L		76	44 - 128	10	17
Bis(2-chloroethyl)ether	ND	F2	32.0	29.8	F2	ug/L		93	45 - 120	22	21
Bis(2-ethylhexyl) phthalate	ND	F2	32.0	20.3	F2	ug/L		64	16 - 150	18	15
Butyl benzyl phthalate	ND		32.0	25.8		ug/L		81	51 - 140	9	16
Caprolactam	ND		32.0	8.08		ug/L		25	10 - 120	7	20
Carbazole	ND		32.0	32.7		ug/L		102	16 - 148	8	20
Chrysene	ND		32.0	23.1		ug/L		72	44 - 122	12	15
Dibenz(a,h)anthracene	ND	F2	32.0	21.1	F2	ug/L		66	16 - 139	22	15
Dibenzofuran	ND		32.0	26.1		ug/L		81	60 - 120	12	15
Diethyl phthalate	ND		32.0	31.4		ug/L		98	53 - 133	10	15
Dimethyl phthalate	ND		32.0	29.8		ug/L		93	59 - 123	10	15
Di-n-butyl phthalate	ND		32.0	27.5		ug/L		86	65 - 129	9	15
Di-n-octyl phthalate	ND	F2	32.0	20.9	F2	ug/L		65	16 - 150	17	16
Fluoranthene	ND		32.0	27.7		ug/L		87	63 - 129	10	15
Fluorene	ND		32.0	26.7		ug/L		84	62 - 120	9	15
Hexachlorobenzene	ND		32.0	30.5		ug/L		95	57 - 121	15	15
Hexachlorobutadiene	ND		32.0	24.0		ug/L		75	37 - 120	9	44
Hexachlorocyclopentadiene	ND		32.0	15.6		ug/L		49	21 - 120	14	49
Hexachloroethane	ND		32.0	21.8		ug/L		68	16 - 130	10	46
Indeno(1,2,3-cd)pyrene	ND	F2	32.0	20.0	F2	ug/L		62	16 - 140	18	15
Isophorone	ND		32.0	25.1		ug/L		78	48 - 133	9	17
Naphthalene	ND		32.0	23.0		ug/L		72	45 - 120	10	29
Nitrobenzene	ND		32.0	24.6		ug/L		77	45 - 123	10	24
N-Nitrosodi-n-propylamine	ND		32.0	25.0		ug/L		78	49 - 120	15	31
N-Nitrosodiphenylamine	ND		32.0	26.2		ug/L		82	39 - 138	9	15
Pentachlorophenol	ND		64.0	48.3		ug/L		75	10 - 149	12	37
Phenanthrene	ND		32.0	26.1		ug/L		82	65 - 122	10	15
Phenol	ND		32.0	12.6		ug/L		39	16 - 120	15	34

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 480-235216-1 MSD
Matrix: Ground Water
Analysis Batch: 764994

Client Sample ID: BCC Area E MW-E05
Prep Type: Total/NA
Prep Batch: 764885

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pyrene	ND		32.0	25.1		ug/L		78	58 - 128	7	19

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol	*116*		*25 - 144*
2-Fluorobiphenyl	*92*		*53 - 126*
2-Fluorophenol	*57*		*24 - 120*
Nitrobenzene-d5	*85*		*29 - 129*
Phenol-d5	*42*		*10 - 120*
p-Terphenyl-d14	*70*		*33 - 132*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 480-764824/1-A
Matrix: Water
Analysis Batch: 765087

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764824

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	ND		0.20	0.060	mg/L		12/17/25 09:06	12/17/25 15:59	1
Antimony	ND		0.020	0.0068	mg/L		12/17/25 09:06	12/17/25 15:59	1
Arsenic	ND		0.015	0.0056	mg/L		12/17/25 09:06	12/17/25 15:59	1
Barium	ND		0.0020	0.00070	mg/L		12/17/25 09:06	12/17/25 15:59	1
Beryllium	ND		0.0020	0.00030	mg/L		12/17/25 09:06	12/17/25 15:59	1
Cadmium	ND		0.0020	0.00050	mg/L		12/17/25 09:06	12/17/25 15:59	1
Calcium	ND		0.50	0.10	mg/L		12/17/25 09:06	12/17/25 15:59	1
Chromium	ND		0.0040	0.0010	mg/L		12/17/25 09:06	12/17/25 15:59	1
Cobalt	ND		0.0040	0.00063	mg/L		12/17/25 09:06	12/17/25 15:59	1
Copper	ND	^5+	0.010	0.0016	mg/L		12/17/25 09:06	12/17/25 15:59	1
Iron	ND		0.050	0.019	mg/L		12/17/25 09:06	12/17/25 15:59	1
Lead	0.00550	J ^5+	0.010	0.0030	mg/L		12/17/25 09:06	12/17/25 15:59	1
Magnesium	ND		0.20	0.043	mg/L		12/17/25 09:06	12/17/25 15:59	1
Manganese	ND		0.0030	0.00040	mg/L		12/17/25 09:06	12/17/25 15:59	1
Nickel	ND		0.010	0.0013	mg/L		12/17/25 09:06	12/17/25 15:59	1
Potassium	ND	^5+	0.50	0.10	mg/L		12/17/25 09:06	12/17/25 15:59	1
Selenium	ND		0.025	0.0087	mg/L		12/17/25 09:06	12/17/25 15:59	1
Silver	ND	^5-	0.0060	0.0017	mg/L		12/17/25 09:06	12/17/25 15:59	1
Sodium	ND		1.0	0.32	mg/L		12/17/25 09:06	12/17/25 15:59	1
Thallium	ND		0.020	0.010	mg/L		12/17/25 09:06	12/17/25 15:59	1
Vanadium	ND		0.0050	0.0015	mg/L		12/17/25 09:06	12/17/25 15:59	1
Zinc	ND	^5-	0.010	0.0015	mg/L		12/17/25 09:06	12/17/25 15:59	1

Lab Sample ID: LCS 480-764824/2-A
Matrix: Water
Analysis Batch: 765087

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764824

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5.10	5.21		mg/L		102	80 - 120
Antimony	0.500	0.506		mg/L		101	80 - 120
Arsenic	1.00	1.07		mg/L		107	80 - 120
Barium	1.00	1.03		mg/L		103	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-764824/2-A
Matrix: Water
Analysis Batch: 765087

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764824

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.496	0.552		mg/L		111	80 - 120
Cadmium	0.500	0.500		mg/L		100	80 - 120
Calcium	25.0	26.98		mg/L		108	80 - 120
Chromium	0.500	0.536		mg/L		107	80 - 120
Cobalt	0.500	0.517		mg/L		103	80 - 120
Copper	0.500	0.479	^5+	mg/L		96	80 - 120
Iron	5.10	6.00		mg/L		118	80 - 120
Lead	0.500	0.532	^5+	mg/L		106	80 - 120
Magnesium	25.0	25.69		mg/L		103	80 - 120
Manganese	0.500	0.526		mg/L		105	80 - 120
Nickel	0.500	0.538		mg/L		108	80 - 120
Potassium	25.0	25.13	^5+	mg/L		101	80 - 120
Selenium	0.999	1.02		mg/L		102	80 - 120
Silver	0.0500	0.0521	^5-	mg/L		104	80 - 120
Sodium	25.0	26.33		mg/L		105	80 - 120
Thallium	1.00	1.03		mg/L		103	80 - 120
Vanadium	0.500	0.530		mg/L		106	80 - 120
Zinc	0.500	0.578	^5-	mg/L		116	80 - 120

Lab Sample ID: 480-235216-1 MS
Matrix: Ground Water
Analysis Batch: 765087

Client Sample ID: BCC Area E MW-E05
Prep Type: Total/NA
Prep Batch: 764824

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.17	J	5.10	5.36		mg/L		102	75 - 125
Antimony	ND		0.500	0.512		mg/L		102	75 - 125
Arsenic	0.0065	J	1.00	1.08		mg/L		107	75 - 125
Barium	0.032		1.00	1.06		mg/L		103	75 - 125
Beryllium	ND		0.496	0.546		mg/L		110	75 - 125
Cadmium	0.012		0.500	0.518		mg/L		101	75 - 125
Calcium	167		25.0	189.5	4	mg/L		91	75 - 125
Chromium	ND		0.500	0.522		mg/L		104	75 - 125
Cobalt	0.0027	J	0.500	0.512		mg/L		102	75 - 125
Copper	0.11	^5+	0.500	0.603	^5+	mg/L		98	75 - 125
Iron	0.18		5.10	6.05		mg/L		115	75 - 125
Lead	0.018	B ^5+	0.500	0.542	^5+	mg/L		105	75 - 125
Magnesium	18.3		25.0	43.90		mg/L		102	75 - 125
Manganese	0.035		0.500	0.551		mg/L		103	75 - 125
Nickel	0.013		0.500	0.535		mg/L		104	75 - 125
Potassium	5.8	^5+	25.0	31.43	^5+	mg/L		102	75 - 125
Selenium	0.025		0.999	1.04		mg/L		102	75 - 125
Silver	ND	^5-	0.0500	0.0528	^5-	mg/L		106	75 - 125
Sodium	47.1		25.0	72.94		mg/L		103	75 - 125
Thallium	ND		1.00	1.04		mg/L		104	75 - 125
Vanadium	ND		0.500	0.524		mg/L		105	75 - 125

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 480-235216-1 MS
Matrix: Ground Water
Analysis Batch: 765269

Client Sample ID: BCC Area E MW-E05
Prep Type: Total/NA
Prep Batch: 764824

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	2.7		0.500	3.21	4	mg/L		97	75 - 125

Lab Sample ID: 480-235216-1 MSD
Matrix: Ground Water
Analysis Batch: 765087

Client Sample ID: BCC Area E MW-E05
Prep Type: Total/NA
Prep Batch: 764824

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.17	J	5.10	5.49		mg/L		104	75 - 125	3	20
Antimony	ND		0.500	0.524		mg/L		105	75 - 125	2	20
Arsenic	0.0065	J	1.00	1.11		mg/L		110	75 - 125	2	20
Barium	0.032		1.00	1.08		mg/L		105	75 - 125	2	20
Beryllium	ND		0.496	0.560		mg/L		113	75 - 125	3	20
Cadmium	0.012		0.500	0.530		mg/L		104	75 - 125	2	20
Calcium	167		25.0	194.6	4	mg/L		112	75 - 125	3	20
Chromium	ND		0.500	0.533		mg/L		107	75 - 125	2	20
Cobalt	0.0027	J	0.500	0.524		mg/L		104	75 - 125	2	20
Copper	0.11	^5+	0.500	0.618	^5+	mg/L		101	75 - 125	2	20
Iron	0.18		5.10	6.16		mg/L		117	75 - 125	2	20
Lead	0.018	B ^5+	0.500	0.552	^5+	mg/L		107	75 - 125	2	20
Magnesium	18.3		25.0	44.86		mg/L		106	75 - 125	2	20
Manganese	0.035		0.500	0.563		mg/L		106	75 - 125	2	20
Nickel	0.013		0.500	0.545		mg/L		106	75 - 125	2	20
Potassium	5.8	^5+	25.0	32.26	^5+	mg/L		106	75 - 125	3	20
Selenium	0.025		0.999	1.07		mg/L		104	75 - 125	2	20
Silver	ND	^5-	0.0500	0.0540	^5-	mg/L		108	75 - 125	2	20
Sodium	47.1		25.0	74.69		mg/L		110	75 - 125	2	20
Thallium	ND		1.00	1.06		mg/L		106	75 - 125	3	20
Vanadium	ND		0.500	0.535		mg/L		107	75 - 125	2	20

Lab Sample ID: 480-235216-1 MSD
Matrix: Ground Water
Analysis Batch: 765269

Client Sample ID: BCC Area E MW-E05
Prep Type: Total/NA
Prep Batch: 764824

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Zinc	2.7		0.500	3.29	4	mg/L		113	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-764860/1-A
Matrix: Water
Analysis Batch: 764948

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764860

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		12/16/25 10:33	12/16/25 14:22	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 480-764860/2-A
Matrix: Water
Analysis Batch: 764948

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764860

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00669	0.00667		mg/L		100	80 - 120		

Lab Sample ID: 480-235216-1 MS
Matrix: Ground Water
Analysis Batch: 764948

Client Sample ID: BCC Area E MW-E05
Prep Type: Total/NA
Prep Batch: 764860

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	ND		0.00669	0.00652		mg/L		97	80 - 120		

Lab Sample ID: 480-235216-1 MSD
Matrix: Ground Water
Analysis Batch: 764948

Client Sample ID: BCC Area E MW-E05
Prep Type: Total/NA
Prep Batch: 764860

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.00669	0.00651		mg/L		97	80 - 120	0	20

Method: D516-90, 02 - Sulfate

Lab Sample ID: MB 480-764934/108
Matrix: Water
Analysis Batch: 764934

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.5	mg/L			12/16/25 11:38	1

Lab Sample ID: MB 480-764934/116
Matrix: Water
Analysis Batch: 764934

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.5	mg/L			12/16/25 12:08	1

Lab Sample ID: MB 480-764934/93
Matrix: Water
Analysis Batch: 764934

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.5	mg/L			12/16/25 11:17	1

Lab Sample ID: LCS 480-764934/107
Matrix: Water
Analysis Batch: 764934

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			30.0	31.98		mg/L		107	90 - 110		

Method: D516-90, 02 - Sulfate (Continued)

Lab Sample ID: LCS 480-764934/115
Matrix: Water
Analysis Batch: 764934

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate			30.0	31.23		mg/L		104	90 - 110		

Method: SM 5310D - Organic Carbon, Total (TOC)

Lab Sample ID: MB 480-765218/28
Matrix: Water
Analysis Batch: 765218

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			12/18/25 00:51	1

Lab Sample ID: LCS 480-765218/29
Matrix: Water
Analysis Batch: 765218

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Organic Carbon			30.0	29.83		mg/L		99	90 - 110		

GC/MS VOA

Analysis Batch: 764810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-235216-1	BCC Area E MW-E05	Total/NA	Ground Water	8260C	
480-235216-2	BCC Area E RFI-29	Total/NA	Ground Water	8260C	
480-235216-3	BCC Area E RFI-32A	Total/NA	Ground Water	8260C	
480-235216-4	BCC Area E RFI-33	Total/NA	Ground Water	8260C	
480-235216-6	TRIP BLANK	Total/NA	Water	8260C	
MB 480-764810/9	Method Blank	Total/NA	Water	8260C	
LCS 480-764810/6	Lab Control Sample	Total/NA	Water	8260C	
LCSD 480-764810/7	Lab Control Sample Dup	Total/NA	Water	8260C	
480-235216-1 MS	BCC Area E MW-E05	Total/NA	Ground Water	8260C	
480-235216-1 MSD	BCC Area E MW-E05	Total/NA	Ground Water	8260C	

Analysis Batch: 764908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-235216-5	BCC Area E RFI-29D	Total/NA	Ground Water	8260C	
MB 480-764908/9	Method Blank	Total/NA	Water	8260C	
LCS 480-764908/6	Lab Control Sample	Total/NA	Water	8260C	

GC/MS Semi VOA

Prep Batch: 764885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-235216-1	BCC Area E MW-E05	Total/NA	Ground Water	3510C	
480-235216-2	BCC Area E RFI-29	Total/NA	Ground Water	3510C	
480-235216-3	BCC Area E RFI-32A	Total/NA	Ground Water	3510C	
480-235216-4	BCC Area E RFI-33	Total/NA	Ground Water	3510C	
480-235216-5	BCC Area E RFI-29D	Total/NA	Ground Water	3510C	
MB 480-764885/1-A	Method Blank	Total/NA	Water	3510C	
LCS 480-764885/2-A	Lab Control Sample	Total/NA	Water	3510C	
480-235216-1 MS	BCC Area E MW-E05	Total/NA	Ground Water	3510C	
480-235216-1 MSD	BCC Area E MW-E05	Total/NA	Ground Water	3510C	

Analysis Batch: 764994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-235216-1	BCC Area E MW-E05	Total/NA	Ground Water	8270D	764885
480-235216-2	BCC Area E RFI-29	Total/NA	Ground Water	8270D	764885
480-235216-3	BCC Area E RFI-32A	Total/NA	Ground Water	8270D	764885
480-235216-4	BCC Area E RFI-33	Total/NA	Ground Water	8270D	764885
480-235216-5	BCC Area E RFI-29D	Total/NA	Ground Water	8270D	764885
MB 480-764885/1-A	Method Blank	Total/NA	Water	8270D	764885
LCS 480-764885/2-A	Lab Control Sample	Total/NA	Water	8270D	764885
480-235216-1 MS	BCC Area E MW-E05	Total/NA	Ground Water	8270D	764885
480-235216-1 MSD	BCC Area E MW-E05	Total/NA	Ground Water	8270D	764885

Metals

Prep Batch: 764824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-235216-1	BCC Area E MW-E05	Total/NA	Ground Water	3005A	
480-235216-2	BCC Area E RFI-29	Total/NA	Ground Water	3005A	
480-235216-3	BCC Area E RFI-32A	Total/NA	Ground Water	3005A	
480-235216-4	BCC Area E RFI-33	Total/NA	Ground Water	3005A	
480-235216-5	BCC Area E RFI-29D	Total/NA	Ground Water	3005A	

Metals (Continued)

Prep Batch: 764824 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-764824/1-A	Method Blank	Total/NA	Water	3005A	
LCS 480-764824/2-A	Lab Control Sample	Total/NA	Water	3005A	
480-235216-1 MS	BCC Area E MW-E05	Total/NA	Ground Water	3005A	
480-235216-1 MSD	BCC Area E MW-E05	Total/NA	Ground Water	3005A	

Prep Batch: 764860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-235216-1	BCC Area E MW-E05	Total/NA	Ground Water	7470A	
480-235216-2	BCC Area E RFI-29	Total/NA	Ground Water	7470A	
480-235216-3	BCC Area E RFI-32A	Total/NA	Ground Water	7470A	
480-235216-4	BCC Area E RFI-33	Total/NA	Ground Water	7470A	
480-235216-5	BCC Area E RFI-29D	Total/NA	Ground Water	7470A	
MB 480-764860/1-A	Method Blank	Total/NA	Water	7470A	
LCS 480-764860/2-A	Lab Control Sample	Total/NA	Water	7470A	
480-235216-1 MS	BCC Area E MW-E05	Total/NA	Ground Water	7470A	
480-235216-1 MSD	BCC Area E MW-E05	Total/NA	Ground Water	7470A	

Analysis Batch: 764948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-235216-1	BCC Area E MW-E05	Total/NA	Ground Water	7470A	764860
480-235216-2	BCC Area E RFI-29	Total/NA	Ground Water	7470A	764860
480-235216-3	BCC Area E RFI-32A	Total/NA	Ground Water	7470A	764860
480-235216-4	BCC Area E RFI-33	Total/NA	Ground Water	7470A	764860
480-235216-5	BCC Area E RFI-29D	Total/NA	Ground Water	7470A	764860
MB 480-764860/1-A	Method Blank	Total/NA	Water	7470A	764860
LCS 480-764860/2-A	Lab Control Sample	Total/NA	Water	7470A	764860
480-235216-1 MS	BCC Area E MW-E05	Total/NA	Ground Water	7470A	764860
480-235216-1 MSD	BCC Area E MW-E05	Total/NA	Ground Water	7470A	764860

Analysis Batch: 765087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-235216-1	BCC Area E MW-E05	Total/NA	Ground Water	6010D	764824
480-235216-2	BCC Area E RFI-29	Total/NA	Ground Water	6010D	764824
480-235216-3	BCC Area E RFI-32A	Total/NA	Ground Water	6010D	764824
480-235216-4	BCC Area E RFI-33	Total/NA	Ground Water	6010D	764824
480-235216-5	BCC Area E RFI-29D	Total/NA	Ground Water	6010D	764824
MB 480-764824/1-A	Method Blank	Total/NA	Water	6010D	764824
LCS 480-764824/2-A	Lab Control Sample	Total/NA	Water	6010D	764824
480-235216-1 MS	BCC Area E MW-E05	Total/NA	Ground Water	6010D	764824
480-235216-1 MSD	BCC Area E MW-E05	Total/NA	Ground Water	6010D	764824

Analysis Batch: 765269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-235216-1	BCC Area E MW-E05	Total/NA	Ground Water	6010D	764824
480-235216-1 MS	BCC Area E MW-E05	Total/NA	Ground Water	6010D	764824
480-235216-1 MSD	BCC Area E MW-E05	Total/NA	Ground Water	6010D	764824

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Wells

Job ID: 480-235216-1

General Chemistry

Analysis Batch: 764934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-235216-3	BCC Area E RFI-32A	Total/NA	Ground Water	D516-90, 02	
MB 480-764934/108	Method Blank	Total/NA	Water	D516-90, 02	
MB 480-764934/116	Method Blank	Total/NA	Water	D516-90, 02	
MB 480-764934/93	Method Blank	Total/NA	Water	D516-90, 02	
LCS 480-764934/107	Lab Control Sample	Total/NA	Water	D516-90, 02	
LCS 480-764934/115	Lab Control Sample	Total/NA	Water	D516-90, 02	

Analysis Batch: 765218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-235216-3	BCC Area E RFI-32A	Total/NA	Ground Water	SM 5310D	
MB 480-765218/28	Method Blank	Total/NA	Water	SM 5310D	
LCS 480-765218/29	Lab Control Sample	Total/NA	Water	SM 5310D	

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Wells

Job ID: 480-235216-1

Client Sample ID: BCC Area E MW-E05

Lab Sample ID: 480-235216-1

Date Collected: 12/11/25 10:30
Date Received: 12/12/25 15:50

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	764810	AXK	EET BUF	12/15/25 17:08
Total/NA	Prep	3510C			764885	JMP	EET BUF	12/16/25 09:10
Total/NA	Analysis	8270D		1	764994	JMM	EET BUF	12/17/25 15:00
Total/NA	Prep	3005A			764824	EMO	EET BUF	12/17/25 09:06
Total/NA	Analysis	6010D		1	765087	MP	EET BUF	12/17/25 16:40
Total/NA	Prep	3005A			764824	EMO	EET BUF	12/17/25 09:06
Total/NA	Analysis	6010D		1	765269	MP	EET BUF	12/19/25 10:16
Total/NA	Prep	7470A			764860	ESB	EET BUF	12/16/25 10:33
Total/NA	Analysis	7470A		1	764948	ESB	EET BUF	12/16/25 14:24

Client Sample ID: BCC Area E RFI-29

Lab Sample ID: 480-235216-2

Date Collected: 12/11/25 11:50
Date Received: 12/12/25 15:50

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	764810	AXK	EET BUF	12/15/25 17:30
Total/NA	Prep	3510C			764885	JMP	EET BUF	12/16/25 09:10
Total/NA	Analysis	8270D		1	764994	JMM	EET BUF	12/17/25 15:26
Total/NA	Prep	3005A			764824	EMO	EET BUF	12/17/25 09:06
Total/NA	Analysis	6010D		1	765087	MP	EET BUF	12/17/25 16:56
Total/NA	Prep	7470A			764860	ESB	EET BUF	12/16/25 10:33
Total/NA	Analysis	7470A		1	764948	ESB	EET BUF	12/16/25 14:29

Client Sample ID: BCC Area E RFI-32A

Lab Sample ID: 480-235216-3

Date Collected: 12/11/25 09:00
Date Received: 12/12/25 15:50

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		4000	764810	AXK	EET BUF	12/15/25 17:53
Total/NA	Prep	3510C			764885	JMP	EET BUF	12/16/25 09:10
Total/NA	Analysis	8270D		20	764994	JMM	EET BUF	12/17/25 15:52
Total/NA	Prep	3005A			764824	EMO	EET BUF	12/17/25 09:06
Total/NA	Analysis	6010D		1	765087	MP	EET BUF	12/17/25 16:58
Total/NA	Prep	7470A			764860	ESB	EET BUF	12/16/25 10:33
Total/NA	Analysis	7470A		1	764948	ESB	EET BUF	12/16/25 14:31
Total/NA	Analysis	D516-90, 02		30	764934	CG	EET BUF	12/16/25 12:09
Total/NA	Analysis	SM 5310D		1	765218	AF	EET BUF	12/18/25 05:11

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-235216-4

Date Collected: 12/11/25 13:45
Date Received: 12/12/25 15:50

Matrix: Ground Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	764810	AXK	EET BUF	12/15/25 18:15

Lab Chronicle

Client: Ontario Specialty Contracting, Inc.
Project/Site: Buffalo Color Area E Wells

Job ID: 480-235216-1

Client Sample ID: BCC Area E RFI-33

Lab Sample ID: 480-235216-4

Date Collected: 12/11/25 13:45

Matrix: Ground Water

Date Received: 12/12/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3510C			764885	JMP	EET BUF	12/16/25 09:10
Total/NA	Analysis	8270D		1	764994	JMM	EET BUF	12/17/25 16:18
Total/NA	Prep	3005A			764824	EMO	EET BUF	12/17/25 09:06
Total/NA	Analysis	6010D		1	765087	MP	EET BUF	12/17/25 17:00
Total/NA	Prep	7470A			764860	ESB	EET BUF	12/16/25 10:33
Total/NA	Analysis	7470A		1	764948	ESB	EET BUF	12/16/25 14:32

Client Sample ID: BCC Area E RFI-29D

Lab Sample ID: 480-235216-5

Date Collected: 12/11/25 11:50

Matrix: Ground Water

Date Received: 12/12/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	764908	AXK	EET BUF	12/16/25 18:05
Total/NA	Prep	3510C			764885	JMP	EET BUF	12/16/25 09:10
Total/NA	Analysis	8270D		5	764994	JMM	EET BUF	12/17/25 16:44
Total/NA	Prep	3005A			764824	EMO	EET BUF	12/17/25 09:06
Total/NA	Analysis	6010D		1	765087	MP	EET BUF	12/17/25 17:02
Total/NA	Prep	7470A			764860	ESB	EET BUF	12/16/25 10:33
Total/NA	Analysis	7470A		1	764948	ESB	EET BUF	12/16/25 14:33

Client Sample ID: TRIP BLANK

Lab Sample ID: 480-235216-6

Date Collected: 12/11/25 00:00

Matrix: Water

Date Received: 12/12/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260C		1	764810	AXK	EET BUF	12/15/25 19:00

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-235216-1
Project/Site: Buffalo Color Area E Wells

Laboratory: Eurofins Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 5310D		Ground Water	Total Organic Carbon

Method Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-235216-1
Project/Site: Buffalo Color Area E Wells

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	EET BUF
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	EET BUF
6010D	Metals (ICP)	SW846	EET BUF
7470A	Mercury (CVAA)	SW846	EET BUF
D516-90, 02	Sulfate	ASTM	EET BUF
SM 5310D	Organic Carbon, Total (TOC)	SM	EET BUF
3005A	Preparation, Total Metals	SW846	EET BUF
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET BUF
5030C	Purge and Trap	SW846	EET BUF
7470A	Preparation, Mercury	SW846	EET BUF

Protocol References:

ASTM = ASTM International

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Ontario Specialty Contracting, Inc.
Job ID: 480-235216-1
Project/Site: Buffalo Color Area E Wells

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
480-235216-1	BCC Area E MW-E05	Ground Water	12/11/25 10:30	12/12/25 15:50	New York
480-235216-2	BCC Area E RFI-29	Ground Water	12/11/25 11:50	12/12/25 15:50	New York
480-235216-3	BCC Area E RFI-32A	Ground Water	12/11/25 09:00	12/12/25 15:50	New York
480-235216-4	BCC Area E RFI-33	Ground Water	12/11/25 13:45	12/12/25 15:50	New York
480-235216-5	BCC Area E RFI-29D	Ground Water	12/11/25 11:50	12/12/25 15:50	New York
480-235216-6	TRIP BLANK	Water	12/11/25 00:00	12/12/25 15:50	New York

Eurofins Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: K Miller	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-209783-6267.1
Client Contact: Kirsten Colligan	Phone:	E-Mail: John.Schove@et.eurofinsus.com	State of Origin: NY	Page: Page 1 of 1
Company: Ontario Specialty Contracting, Inc.	PWSID:	Analysis Requested		Job #: 16011
Address: 140 Lee St.	Due Date Requested: Standard			Preservation Codes: D - HNO3, A - HCL, N - None, S - H2SO4
City: Buffalo	TAT Requested (days): 2 weeks			
State, Zip: NY, 14210	Compliance Project: Δ Yes Δ No			
Phone: 716 856 3333	PO #: ~~88154~~ 108157			
Email: kcolligan@oscinc.com	WO #:			
Project Name: OSC- Former Buffalo Color Sites/ Event Desc: Buffalo Color Area E	Project #: 48003159			Other:
Site: New York	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010B, 7470A	8260B - TCL VOCs	8270D - TCL SVOCs + aniline	SM5310D - Organic Carbon, Total (TOC)	D516 - Sulfate	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	A	N	S	N		
BCC Area E MW-E05	12/11/25	1030	G	Water	N	Y	1	3	2				
BCC Area E RFI-29		1150	G	Water	N		1	3	2				
BCC Area E RFI-32A		0900	G	Water	N		1	3	2				
BCC Area E RFI-33		1345	G	Water	N		1	3	2				
BCC Area E RFI-29 D		1150	G	Water	N		1	3	2				
BCC Area E MW-E05 MS		1030	G	Water	N		1	3	2				
BCC Area E MW-E05 MSD		1030	G	Water	N		1	3	2				
TRIP BLANK			G	Water	N		~~1~~	~~3~~	~~2~~				
BCC Area E RFI-32A		0900	G	Water	N					3	1		

480-235216 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		12/12/25 1430	OSC		12/12/25 1550	ET
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 2.9 IR#SC1 ICR

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Ontario Specialty Contracting, Inc.

Job Number: 480-235216-1

Login Number: 235216

List Source: Eurofins Buffalo

List Number: 1

Creator: Stapleton, Kaitlyn

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.9 IR#SC ice
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	